

Phase II Environmental Site Assessment Report

For:

Peekskill, NY (MSquared)
22-24 South Water Street
Peekskill, Westchester County, NY

Prepared for:
GSD Urban Solutions LLC
dba MSquared

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LIST OF ACRONYMS

Acronym	Definition
AWQS	Class GA Ambient Water Quality Standards and Guidance Values
BER	Business Environmental Risk
EDR	Environmental Data Resources
ELAP	Environmental laboratory Accreditation Program
ESA	Environmental Site Assessment
GPR	Ground Penetrating Radar
MSL	Mean Sea Level
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
PCB	Polychlorinated Biphenyls
PFAS	Per- and Polyfluoroalkyl Substances
PFOA	Perfluorooctanoic Acid
PFOS	Perfluorooctanesulfonic Acid
PID	Photoionization Detector
REC	Recognized Environmental Condition
RRSCO	Restricted Residential Soil Cleanup Objective
RSCO	Residential Soil Cleanup Objective
SESI	SESI Consulting Engineers, DPC
SVOC	Semi-Volatile Organic Compound
TAL	Target Analyte List
TCL	Target Compound List
TOGS	Technical and Operational Guidance Series 1.1.1
USCO	Unrestricted Use Soil Cleanup Objective
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VOC	Volatile Organic Compound

1.0 INTRODUCTION

SESI Consulting Engineers (SESI) has conducted this Phase II Environmental Site Assessment (Phase II ESA) on behalf of the Requestor, GSD Urban Solutions LLC dba MSquared, for the property located at 22-24 South Water Street, Peekskill, Westchester County, New York ("Subject Property"). A Subject Property Location map is presented as **Figure 1.1**. The Site is approximately 0.89-acres and improved by an asphalt parking lot used as public parking for nearby commercial businesses and public transportation. The parking lot is identified as the City of Peekskill "Lot C".

This Phase II Site investigation report complies with the 2019 American Society for Testing and Materials Standard (ASTM E1903-19) and the New York State Department of Environmental Conservation ("NYSDEC") Guidance Document for Site Investigations DER-10.

1.1. SUBJECT PROPERTY SETTING

The Subject Property is an irregular-shaped approximately 0.89-acre property developed as an asphalt parking lot utilized for automotive parking. The Site is not developed with structures of any kind with the exception of one (1) shed in the northwestern corner of the Site which is utilized by the north-adjacent business for dumpster storage.

The Subject Property is bound to the north by commercial businesses (Homestyle Desserts & Creamery), to the west by a rail line (New York Central Railroad) followed by Riverfront Park, to the south by West Street followed by commercial storefronts (Dylan's Wine Cellar, Home on the Hudson), and to the east by South Water Street followed by multi-family residential housing, commercial storefronts (Peekskill Brewery, Nunzio Tailor & Cleaners), vacant lots and asphalt parking lots.

1.2. SUBJECT PROPERTY HISTORY

Based on a review of Sanborn Fire Insurance Maps, the Site operated as a fire brick manufacturing facility from at least 1887 through 1942. Historic coal storage was documented in 1887 and the facility was noted to use coal as a fuel source until at least 1932. From 1950 through 1960, the Site was undeveloped. From 1964 to the present-day, the Site was developed as an asphalt parking lot for municipal commuter parking.

1.3. PREVIOUS INVESTIGATIONS

SESI conducted a Phase I ESA in June 2026 for the Subject Property, which identified the following RECs and BERs:

- **REC 1 – Historic Fire Brick Manufacturing Operations:** Based on a review of Sanborn Map records, historic fire brick manufacturing operations began as early as 1887 and continued until at least 1942. Such operations are commonly associated with potential environmental impacts, including the use of raw materials, fuels, and additives that may contribute to releases of metals, polycyclic aromatic hydrocarbons (PAHs), and other combustion-related byproducts to soil and groundwater. Investigation of historic operations was conducted during SESI's 2026 Phase II sampling events that are subject to this report. Sitewide soil, groundwater and soil vapor contamination is addressed under REC 5. Therefore, no further action was recommended for REC 1.
- **REC 2 – Historic Coal Storage Area:** Based on a review of Sanborn Map records, historic coal storage was documented in 1887, and the historic fire brick manufacturing facility was noted to use coal as a fuel source until at least 1932. Historic coal storage and handling areas are commonly associated with potential environmental impacts, including releases of coal ash, cinders, and related byproducts that may contain metals and PAHs. Investigation of the historic coal storage area was conducted during SESI's 2026 Phase II sampling events that are subject to this report. Sitewide soil, groundwater and soil vapor contamination is addressed under REC 5. Therefore, no further action was recommended for REC 2.
- **REC 3 – Historic Fill:** A review of historical topographic maps indicates that areas immediately west of the Site were subject to filling activities between approximately 1901 and 1936. Findings from the 2026 Phase II investigation identified the presence of contaminants in Site soils consistent with historic fill material. Soil conditions within the borings consisted of fill material (asphalt millings, brick, concrete, coal) at depths ranging from approximately 1.0 to 11.0 ft-bgs. Historic fill is commonly associated with urban and industrial development and may include ash, cinders, demolition debris, and other anthropogenic materials that can contain metals, PAHs, and other contaminants. Sitewide

soil, groundwater and soil vapor contamination is addressed under REC 5. Therefore, no further action was recommended for REC 3.

- **REC 4 - NY SPILL No. 0507823:** One incident, identified as “City Parking Lot” (Spill No. 0507823), was reported in the NY SPILL database due to petroleum contamination of unknown origin detected in soil borings during a historical site investigation. No additional details were available for this listing. Investigation of side wide subsurface conditions was conducted during SESI’s 2026 Phase II sampling events that are subject to this report. Therefore, no further action was recommended for REC 4.
- **REC 5 – Confirmed Soil, Groundwater and Soil Vapor Contamination:** Based on findings from this 2026 Phase II investigation conducted concurrently by SESI with the Phase I ESA, soil, groundwater, and soil vapor contamination were confirmed at the Site, which are discussed in further detail below. Soil analytical results identified acetone and metals at concentrations exceeding the New York State Department of Environmental Conservation (NYSDEC) Soil Cleanup Objectives (SCOs). Groundwater sampling detected semi-volatile organic compounds (SVOCs), metals, and per- and polyfluoroalkyl substances (PFAS) at concentrations above NYSDEC Ambient Water Quality Standards (AWQS). Additionally, volatile organic compounds (VOCs), specifically heptane and hexane, were detected in soil vapor at concentrations exceeding the New York State Department of Health (NYSDOH) lower and upper guidance values, respectively. An application will be submitted to enroll the Site in the NYSDEC Brownfield Cleanup Program (BCP). Participation in the BCP will involve further investigation to delineate the extent of contamination and the implementation of appropriate remedial actions to address identified impacts across the Site.
- **REC 6 – Adjacent Railroad Operations:** The Metro-North Railroad Hudson Line has been located immediately west of the Site since at least 1887. The nearest station, Peekskill Station, is approximately 550 feet southwest of the Site. Railroad operations are commonly associated with potential environmental concerns, including the use and handling of fuels, lubricants, herbicides, and historic materials such as creosote-treated railroad ties, which may contribute to releases of petroleum hydrocarbons, metals, and PAHs to adjacent properties. Given the proximity of the active rail corridor, there is a potential for migration of contaminants onto the Site via surface runoff, groundwater flow,

or historical fill placement. Sitewide soil, groundwater and soil vapor contamination is addressed under REC 5. Therefore, no further action was recommended for REC 6.

- **BER 1 – Waste Disposal Area:** During the Site inspection, the shed structure in the northwestern corner of the Site was utilized as a waste disposal area for the north adjacent property operating as a bakery. Eight (8) general waste and cardboard dumpsters were observed in and around the structure. Based on the nature of the waste in the containers and lack of evidence of release, no further investigation was recommended.

2.0 SUBSURFACE INVESTIGATION

SESI conducted a Phase II ESA in order to evaluate subsurface conditions. The project included the installation of soil borings and soil sampling, installation of temporary groundwater monitoring wells and collection of groundwater samples, and installation and sampling of soil vapor points. The field work was conducted on February 27, 2026 in accordance with the Scope of Work and contract for services outlined in a Professional Services Agreement Addendum No. 1 (Agreement) dated December 17, 2025.

2.1. UTILITY CLEARANCE AND GEOPHYSICAL SURVEY

Prior to conducting subsurface drilling, SESI's drilling contractor contacted New York's utility mark-out system. In addition, SESI retained PG Environmental Services, Inc (PG), a private driller and utility locator, to locate underground utilities not included in the one-call and to conduct a geophysical survey using ground penetrating radar (GPR) and electromagnetic (EM) detection. The GPR/EM surveying was performed on February 27, 2026 to clear soil boring locations, as well as to search for a potential underground storage tanks (USTs). No anomalies consistent with USTs were identified. However, it should be noted that the presence of parked vehicles at the Site limited surface accessibility and potentially affected the effectiveness and completeness of the geophysical survey.

2.2. SUBJECT PROPERTY INVESTIGATION

Ten (10) direct push borings were advanced from 5.0 to 15.0 feet below ground surface (ft-bgs) using a Geoprobe on the Subject Property. A total of ten (10) soil samples were collected at one (1) sample per boring. Three (3) soil borings (SB-5, SB-6, and SB-10) were converted to temporary well points (TWP-5, TWP-6, and TWP-10) and three (3) groundwater samples were collected. Three (3) soil vapor points were installed, and three (3) soil vapor samples were collected. Samples were analyzed at SGS North America – Dayton (SGS), a New York State Department of Health (NYSDOH) Environmental laboratory Accreditation Program (ELAP)-certified laboratory.

Soil and groundwater samples were analyzed for the full Target Compound List (TCL)/Target Analyte List (TAL) +30 list including volatile organic compounds (VOCs) by EPA Method 8260, semi-VOCs (SVOCs) by EPA Method 8270, TAL metals, polychlorinated biphenyls (PCBs) by

EPA Method 8082A, and pesticides by EPA Method 8081, in addition to cyanide. Groundwater samples were additionally analyzed for per- and polyfluoroalkyl substances (PFAS) by EPA Method 1633. Soil vapor samples were analyzed for VOCs in accordance with EPA Method TO-15.

Soil conditions within the borings consisted of fill material (asphalt millings, brick, concrete, coal) at depths ranging from approximately 1.0 to 11.0 ft-bgs. Groundwater was encountered between approximately 4.5 to 10 ft-bgs and is expected to flow in the west-southwest direction. The soil samples were screened using a photoionization detector (PID), and visual and olfactory evidence of contamination. Soil samples were collected from each boring from the interval that exhibited the greatest evidence of impacts or based upon professional judgement if no impacts were observed. All soil samples were named based on their respective soil boring number and specified depth. No PID readings above zero were recorded, and no visual or olfactory evidence of impacts was observed during the field work.

The boring and sampling locations are shown in **Figure 2.1**. A summary of the samples collected is presented below in **Table 2.1**. PID readings and detailed soil descriptions are provided in the boring logs presented in **Appendix A**.

Table 2.1: Sample Summary Table

Boring / Point ID	Sample ID	Depth (ft-bgs)	Analysis
SOIL			
SB-1	SB-1 4-4.5	4.0 - 4.5	TAL/TCL+30
SB-2	SB-2 6-6.5	6.0 - 6.5	TAL/TCL+30
SB-3	SB-3 14.5-15	14.5 - 15.0	TAL/TCL+30
SB-4	SB-4 8-8.5	8.0 - 8.5	TAL/TCL+30
SB-5	SB-5 11-11.5	11.0 - 11.5	TAL/TCL+30
SB-6	SB-6 14-14.5	14.0 - 14.5	TAL/TCL+30
SB-7	SB-7 4-4.5	4.0 - 4.5	TAL/TCL+30
SB-8	SB-8 9.5-10	9.5 - 10.0	TAL/TCL+30
SB-9	SB-9 11-11.5	11.0 - 11.5	TAL/TCL+30
SB-10	SB-10 13-13.5	13.0 - 13.5	TAL/TCL+30
GROUNDWATER			
SB-5	TWP-5	5.0 - 15.0	TAL/TCL+30, PFAS
SB-6	TWP-6	5.0 - 15.0	TAL/TCL+30, PFAS
SB-10	TWP-10	5.0 - 15.0	TAL/TCL+30, PFAS
SOIL VAPOR			
VP-5	VP-5	2.0	TO-15
VP-6	VP-6	2.0	TO-15
VP-10	VP-10	2.0	TO-15

3.0 ANALYTICAL RESULTS

3.1. SOIL INVESTIGATION RESULTS

In total, ten (10) soil samples were collected from ten (10) borings as listed in **Table 2.1** in Section 2.2 of this report. The soil samples were sent to SGS under a chain-of-custody for the analysis of the TCL/TAL+30 suite of parameters, which include VOCs by EPA Method 8260C, SVOCs by EPA Method 8270D, TAL metals by EPA Method 6010C/7471, PCBs by EPA Method 8082A, pesticides by EPA Method 8081B, and cyanide by EPA Method 9082.

A summary table of the analytical results compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (USCOs), Residential Soil Cleanup Objectives (RSCOs), Restricted Residential Soil Cleanup Objectives (RRSCOs), and the NYSDEC Soil Screening Levels for emerging contaminants (NYSDEC Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs) is presented on **Table 3.1**. A summary of the samples exceeding the SCOs is presented in **Table 3.2** below and on **Figure 3.1**. The laboratory analytical data is provided in **Appendix B**.

Table 3.2: Summary of Soil Sample Exceedances

Sample ID:	NY UUSCO	NY RSCO	NY RRSCO	NY PGWSCO	SB-1 4-4.5	SB-2 6-6.5	SB-4 8-8.5	SB-5 11-11.5	SB-7 4-4.5	SB-9 11-11.5	SB-10 13-13.5
VOCs											
Acetone	0.03	100	100	0.03	0.0236	0.0472	0.0231	0.0455	ND	0.0505	0.0325
METALS											
Arsenic	13	16	16	16	43.2	3	11.1	1.7	23	2.3	ND
Barium	410	410	410	820	68.8	44.6	90.1	17.5	1120	41.3	31.4
Cadmium	2.5	2.5	2.5	7.5	ND	ND	ND	ND	4.2	ND	ND
Cyanide	2.3	2.6	13	40	ND	ND	ND	ND	3.8	ND	ND
Lead	63	400	400	450	14.1	11.2	13.7	7.4	1100	32.2	2.7
Mercury	0.18	0.3	0.3	0.73	ND	ND	ND	ND	0.26	0.087	ND
Nickel	30	87	320	130	5.5	9.7	36.2	7.3	9.2	10.8	9.2
Zinc	109	1300	6600	2480	10.8	48.2	89.4	27.9	895	41	32.3

NOTES:

Results in mg/kg (milligrams per kilogram)

ND = Not Detected

	= Exceeds NY UUSCO
	= Exceeds NY RSCO
	= Exceeds NY RRSCO
	= Exceeds NY PGWSCO

As presented in **Table 3.2** above, heavy metals (arsenic, barium, cadmium and lead) were detected in two (2) borings at concentrations exceeding their respective RRSCOs at depths ranging from 4.0 to 4.5 ft-bgs. Cyanide was detected in one (1) boring at a concentration exceeding its RSCO at depths ranging from 4.0 to 4.5 ft-bgs. Acetone, nickel, mercury and zinc were detected at concentrations exceeding their respective UUSCOs in one or more borings at depths ranging from 4.0 to 13.5 ft-bgs. Arsenic, barium, lead and acetone were detected at concentrations exceeding their respective PGWSCOs in one or more samples. However, it should be noted that acetone is a common laboratory contaminant and is not attributed to historic Site operations.

3.2. GROUNDWATER INVESTIGATION RESULTS

A total of three (3) groundwater samples was collected and analyzed for various parameters including PFAS by EPA Method 1633, VOCs by EPA Method 8260C, SVOCs by EPA Method 8270D, Target Analyte List (TAL) Metals by EPA Method 6010C/7471, Polychlorinated Biphenyls (PCBs) by EPA Method 8082A, pesticides by EPA Method 8081B, and cyanide by EPA Method 9082. A summary table of the analytical results compared to NYSDEC Technical and Operational Guidance Series 1.1.1 (TOGS) Class GA Ambient Water Quality Standards and Guidance Values (AWQS) is presented on **Table 3.3**. A summary of compounds exceeding the AWQS is presented in **Table 3.4** below and on **Figure 3.2**. The laboratory analytical report is provided in **Appendix B**.

Table 3.4: Summary of Groundwater Sample Exceedances

Sample ID:	UNITS	NY AWQS	TWP-5	TWP-6	TWP-10
SVOCs					
Benzo(a)anthracene	ug/l	0.002	0.50 J	5.5	1.6
Benzo(a)pyrene	ug/l	ND	0.41 J	5.6	1.6
Benzo(b)fluoranthene	ug/l	0.002	0.47 J	6.6	1.6
Benzo(k)fluoranthene	ug/l	0.002	ND	2.7	0.8
Chrysene	ug/l	0.002	0.33 J	5.2	1.6
Indeno(1,2,3-cd)pyrene	ug/l	0.002	ND	3.3	0.77
METALS					
Arsenic	ug/l	25	19.1	95.4	149
Barium	ug/l	1000	352	1120	1710
Beryllium	ug/l	3	2.8	8.7	11.1
Cadmium	ug/l	5	ND	5.7	ND
Chromium	ug/l	50	36.3	249	320
Copper	ug/l	200	65.5	1680	528
Iron	ug/l	300	47000	739000	507000
Lead	ug/l	25	126	1970	2300
Magnesium	ug/l	35000	61900	79900	107000
Manganese	ug/l	300	1630	13800	10600
Nickel	ug/l	100	46	334	367
Sodium	ug/l	20000	1200000	461000	195000
Zinc	ug/l	2000	136	2720	1290
PFAS					
PFOA	ng/l	6.7	329	ND	ND
PFOS	ng/l	2.7	317	ND	ND

NOTES:

ug/l = micrograms per liter

ng/l = nanograms per liter

ND = Not Detected

J = Estimated Value

 = Exceeds NY AWQS

As presented in **Table 3.4** above, PAHs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene], metals (arsenic, barium, beryllium, cadmium, chromium, copper, iron, lead, magnesium, manganese, nickel, sodium and zinc) and PFAS species (PFOA and PFOS) were detected at concentrations exceeding their respective AWQS in one or both temporary well samples. As noted previously, groundwater was encountered between approximately 4.5 to 10 ft-bgs and is expected to flow in the west-southwest direction.

3.3. SUB-SLAB/SOIL INVESTIGATION RESULTS

Three (3) soil vapor borings were completed. The vapor samples were analyzed for VOCs in accordance with EPA Method TO-15. A summary of the analytical results is presented on **Table**

3.5. A summary of the soil vapor detections is presented in **Table 3.6** below and **Figure 3.6**. The laboratory analytical report is provided in **Appendix B**.

Table 3.6: Summary of Soil Vapor Sample Detections

Sample ID:	Decision Matrices			VP-5	VP-6	VP-10
Matrix:	Matrix	Lower	Upper	Soil Vapor	Soil Vapor	Soil Vapor
VOCs (TO-15)						
1,2,4-Trimethylbenzene	D	60	600	22	ND	10
1,3,5-Trimethylbenzene	D	60	600	5.4	ND	2.1 J
2,2,4-Trimethylpentane	D	60	600	ND	ND	3.5 J
4-Ethyltoluene				3.8 J	ND	2.2 J
Acetone (2-Propanone)				49.4	ND	162
Benzene	D	60	600	ND	ND	6.1
Carbon disulfide				3.7	13	18
Chloromethane				ND	ND	3.9
Cyclohexane	D	60	600	3.1	ND	17
Dichlorodifluoromethane				2.3 J	ND	2.5 J
Ethanol				14	ND	13
Ethyl Acetate				5.8	ND	28
Ethylbenzene	D	60	600	3.5	ND	2.8 J
Heptane	E	200	2000	9	1030	39
Hexane	E	200	2000	35	3060	123
Isopropyl Alcohol				2.5	ND	2.3
Methyl ethyl ketone				51	69	90.2
Methylene chloride	B	100	1000	ND	ND	3.1
Tertiary Butyl Alcohol				2.8	ND	3.6
Toluene	F	300	3000	7.5	9.8 J	7.5
Xylenes (total)				21	14 J	17
m,p-Xylene	E	200	2000	15	14 J	12
o-Xylene				6.1	ND	4.8

NOTES:

ug/m³ = micrograms per meter cubed

ND = Not Detected

	= Detected Compound
	= Exceeds Decision Matrices (Lower)
	= Exceeds Decision Matrices (Upper)

As presented on **Table 3.6** above, numerous VOCs were detected in soil vapor samples. Notably, heptane and hexane were detected in soil vapor at concentrations exceeding the New York State Department of Health (NYSDOH) lower and upper guidance values, respectively.

4.0 CONCLUSIONS AND RECOMMENDATIONS

The exceedances in the soil, groundwater, and soil vapor reported during the investigation are likely a result of former operations (Fire Brick Manufacturing, Kilns, Coal Storage) and historic fill material.

Analytical results of this investigation identified metals impacts to soil exceeding the RSCOs and RRSCOs across the subject property at depths ranging from 4.0 to 4.5 ft-bgs. Acetone and metals exceedances to UUSCOs were identified at depths ranging from 4.0 to 13.5 ft-bgs across seven (7) soil samples. In addition, SVOC and metals impacts in were identified in both temporary well groundwater samples. PFAS impacts were identified in one (1) temporary well groundwater sample. VOCs, specifically heptane and hexane, were detected in soil vapor at concentrations exceeding the NYSDOH lower and upper guidance values, respectively, in one (1) soil vapor sample.

SESI recommends that an application be submitted to enroll the Site into the NYSDEC Brownfield Cleanup Program (BCP) as a result of the environmental investigation findings presented in this report. Participation in the BCP will involve further investigation to be performed to delineate the extent of the observed contamination and for the implementation of appropriate remedial actions to address the identified impacts across the Site.

TABLES

TABLE 3.1 SUMMARY OF SOIL SAMPLE RESULTS

22-24 S WATER STREET, PEEKSKILL, NY

Sample ID:	CAS	UNITS	NY UUSCO	NY RSCO	NY RRSCO	NY PGWSCO	SB-1 4-4-5 JE29061-1 Soil 2/27/2026	SB-2 6-6-5 JE29061-2 Soil 2/27/2026	SB-3 14-5-15 JE29061-3 Soil 2/27/2026	SB-4 8-8-5 JE29061-4 Soil 2/27/2026	SB-5 11-11.5 JE29061-5 Soil 2/27/2026	SB-6 14-14.5 JE29061-6 Soil 2/27/2026	SB-7 4-4-5 JE29061-7 Soil 2/27/2026	SB-8 9-5-10 JE29061-8 Soil 2/27/2026	SB-9 11-11.5 JE29061-9 Soil 2/27/2026	SB-10 13-13.5 JE29061-10 Soil 2/27/2026
Matrix:																
Sample Date:																
SVOCS (SW846 8270E)																
1,1'-Biphenyl	92-52-4	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	0.0276 J	ND (0.07)	ND (0.078)	ND (0.08)
1,2,4,5-Tetrachlorobenzene	95-94-3	mg/kg					ND (0.21)	ND (0.19)	ND (0.22)	ND (0.24)	ND (0.21)	ND (0.21)	ND (0.19)	ND (0.17)	ND (0.2)	ND (0.2)
1,4-Dioxane	123-91-1	mg/kg	0.1	1.4	5.7	0.1	ND (0.042)	ND (0.038)	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	ND (0.038)	ND (0.035)	ND (0.039)	ND (0.04)
2,2'-Oxybis(1-chloropropane)	108-60-1	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
2,3,4,6-Tetrachlorophenol	58-90-2	mg/kg					ND (0.21)	ND (0.19)	ND (0.22)	ND (0.24)	ND (0.21)	ND (0.21)	ND (0.19)	ND (0.17)	ND (0.2)	ND (0.2)
2,4,5-Trichlorophenol	95-95-4	mg/kg					ND (0.21)	ND (0.19)	ND (0.22)	ND (0.24)	ND (0.21)	ND (0.21)	ND (0.19)	ND (0.17)	ND (0.2)	ND (0.2)
2,4,6-Trichlorophenol	88-06-2	mg/kg					ND (0.21)	ND (0.19)	ND (0.22)	ND (0.24)	ND (0.21)	ND (0.21)	ND (0.19)	ND (0.17)	ND (0.2)	ND (0.2)
2,4-Dichlorophenol	120-83-2	mg/kg					ND (0.21)	ND (0.19)	ND (0.22)	ND (0.24)	ND (0.21)	ND (0.21)	ND (0.19)	ND (0.17)	ND (0.2)	ND (0.2)
2,4-Dimethylphenol	105-67-9	mg/kg					ND (0.21)	ND (0.19)	ND (0.22)	ND (0.24)	ND (0.21)	ND (0.21)	ND (0.19)	ND (0.17)	ND (0.2)	ND (0.2)
2,4-Dinitrophenol	51-28-5	mg/kg					ND (0.21) ^a	ND (0.19) ^a	ND (0.22) ^a	ND (0.24) ^a	ND (0.21) ^a	ND (0.21) ^a	ND (0.19) ^a	ND (0.17) ^a	ND (0.2) ^a	ND (0.2) ^a
2,4-Dinitrotoluene	121-14-2	mg/kg					ND (0.042) ^a	ND (0.038) ^a	ND (0.044) ^a	ND (0.047) ^a	ND (0.042) ^a	ND (0.042) ^a	ND (0.038) ^a	ND (0.035) ^a	ND (0.039) ^a	ND (0.04) ^a
2,6-Dinitrotoluene	606-20-2	mg/kg					ND (0.042) ^a	ND (0.038) ^a	ND (0.044) ^a	ND (0.047) ^a	ND (0.042) ^a	ND (0.042) ^a	ND (0.038) ^a	ND (0.035) ^a	ND (0.039) ^a	ND (0.04) ^a
2-Chloronaphthalene	91-58-7	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
2-Chlorophenol	95-57-8	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
2-Methylnaphthalene	91-57-6	mg/kg					ND (0.042)	0.0245 J	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	0.184	ND (0.035)	ND (0.039)	ND (0.04)
2-Methylphenol	95-48-7	mg/kg	0.33	100	100	0.33	ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
2-Nitroaniline	88-74-4	mg/kg					ND (0.21) ^a	ND (0.19) ^a	ND (0.22) ^a	ND (0.24) ^a	ND (0.21) ^a	ND (0.21) ^a	ND (0.19) ^a	ND (0.17) ^a	ND (0.2) ^a	ND (0.2) ^a
2-Nitrophenol	88-75-5	mg/kg					ND (0.21) ^a	ND (0.19) ^a	ND (0.22) ^a	ND (0.24) ^a	ND (0.21) ^a	ND (0.21) ^a	ND (0.19) ^a	ND (0.17) ^a	ND (0.2) ^a	ND (0.2) ^a
3&4-Methylphenol		mg/kg	0.33	100	100	0.33	ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
3,3'-Dichlorobenzidine	91-94-1	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
3-Nitroaniline	99-09-2	mg/kg					ND (0.21) ^a	ND (0.19) ^a	ND (0.22) ^a	ND (0.24) ^a	ND (0.21) ^a	ND (0.21) ^a	ND (0.19) ^a	ND (0.17) ^a	ND (0.2) ^a	ND (0.2) ^a
4,6-Dinitro-o-cresol	534-52-1	mg/kg					ND (0.21) ^a	ND (0.19) ^a	ND (0.22) ^a	ND (0.24) ^a	ND (0.21) ^a	ND (0.21) ^a	ND (0.19) ^a	ND (0.17) ^a	ND (0.2) ^a	ND (0.2) ^a
4-Nonophenyl phenyl ether	101-55-3	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
4-Chloro-3-methyl phenol	59-50-7	mg/kg					ND (0.21)	ND (0.19)	ND (0.22)	ND (0.24)	ND (0.21)	ND (0.21)	ND (0.19)	ND (0.17)	ND (0.2)	ND (0.2)
4-Chloroaniline	106-47-8	mg/kg					ND (0.21)	ND (0.19)	ND (0.22)	ND (0.24)	ND (0.21)	ND (0.21)	ND (0.19)	ND (0.17)	ND (0.2)	ND (0.2)
4-Chlorophenyl phenyl ether	7005-72-3	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
4-Nitroaniline	100-01-6	mg/kg					ND (0.21)	ND (0.19)	ND (0.22)	ND (0.24)	ND (0.21)	ND (0.21)	ND (0.19)	ND (0.17)	ND (0.2)	ND (0.2)
4-Nitrophenol	100-02-7	mg/kg					ND (0.42)	ND (0.38)	ND (0.44)	ND (0.47)	ND (0.42)	ND (0.42)	ND (0.38)	ND (0.35)	ND (0.39)	ND (0.4)
Acenaphthene	83-32-9	mg/kg	20	100	100	98	ND (0.042)	0.0305 J	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	0.0322 J	ND (0.035)	ND (0.039)	ND (0.04)
Acenaphthylene	208-96-8	mg/kg	100	100	100	365	ND (0.042)	0.0265 J	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	0.177	ND (0.035)	ND (0.039)	ND (0.04)
Acetophenone	98-96-2	mg/kg					ND (0.21)	ND (0.19)	ND (0.22)	ND (0.24)	ND (0.21)	ND (0.21)	ND (0.19)	ND (0.17)	ND (0.2)	ND (0.2)
Anthracene	120-12-7	mg/kg	100	100	100	1000	ND (0.042)	0.107	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	0.177	ND (0.035)	ND (0.039)	ND (0.04)
Atrazine	1912-24-9	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
Benzaldehyde	100-52-7	mg/kg					ND (0.21)	ND (0.19)	ND (0.22)	ND (0.24)	ND (0.21)	ND (0.21)	ND (0.19)	ND (0.17)	ND (0.2)	ND (0.2)
Benzo(a)anthracene	56-55-3	mg/kg	1	1	1.4	1	0.028 J	0.421	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	0.661	ND (0.035)	0.014 J	ND (0.04)
Benzo(a)pyrene	50-32-8	mg/kg	1	1	1	22	0.0198 J	0.329	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	0.666	ND (0.035)	ND (0.039)	ND (0.04)
Benzo(b)fluoranthene	205-99-2	mg/kg	1	1	1.4	2.1	0.0221 J	0.384	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	0.856	ND (0.035)	ND (0.039)	ND (0.04)
Benzo(g,h,i)perylene	191-24-2	mg/kg	0.64	1.2	4.9	1000	ND (0.042)	0.253	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	0.542	ND (0.035)	ND (0.039)	ND (0.04)
Benzo(k)fluoranthene	207-03-3	mg/kg	0.8	1.2	4.9	2	ND (0.042)	0.141	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	0.303	ND (0.035)	ND (0.039)	ND (0.04)
bis(2-Chloroethoxy)methane	111-91-1	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
bis(2-Chloroethyl)ether	111-44-4	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
bis(2-Ethoxyethyl)phthalate	117-81-7	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	0.0902	ND (0.07)	ND (0.078)	ND (0.08)
Butyl benzyl phthalate	85-68-7	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
Caprolactam	105-60-2	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
Carbazole	86-74-8	mg/kg					ND (0.085)	0.042 J	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	0.0659 J	ND (0.07)	ND (0.078)	ND (0.08)
Chrysene	218-01-9	mg/kg	1	1.2	4.9	1	0.0218 J	0.281	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	0.713	ND (0.035)	ND (0.039)	ND (0.04)
Dibenz(a,h)anthracene	53-70-3	mg/kg	0.33	0.33	0.33	1000	ND (0.042)	0.0644	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	0.159	ND (0.035)	ND (0.039)	ND (0.04)
Dibenzofuran	132-64-9	mg/kg	2.1	4.2	18	110	ND (0.085)	0.04 J	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	0.0494 J	ND (0.07)	ND (0.078)	ND (0.08)
Diethyl phthalate	84-66-2	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
Dimethyl phthalate	131-11-3	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
Di-n-butyl phthalate	84-74-2	mg/kg					ND (0.085)	ND (0.077)	0.0127 J	ND (0.094)	ND (0.084)	ND (0.085)	0.0096 J	ND (0.07)	ND (0.078)	ND (0.08)
Di-n-octyl phthalate	117-84-0	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
Fluoranthene	206-44-0	mg/kg	85	100	100	1000	0.0441	0.664	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	1.17	ND (0.035)	ND (0.039)	ND (0.04)
Fluorene	86-73-7	mg/kg	30	100	100	386	ND (0.042)	0.0549	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	0.0597	ND (0.035)	ND (0.039)	ND (0.04)
Hexachlorobenzene	118-74-1	mg/kg	0.33	0.33	0.33	3.2	ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
Hexachlorobutadiene	87-68-3	mg/kg					ND (0.042)	ND (0.038)	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	ND (0.038)	ND (0.035)	ND (0.039)	ND (0.04)
Hexachlorocyclopentadiene	71-41-4	mg/kg					ND (0.42)	ND (0.38)	ND (0.44)	ND (0.47)	ND (0.42)	ND (0.42)	ND (0.38)	ND (0.35)	ND (0.39)	ND (0.4)
Hexachloroethane	67-72-1	mg/kg					ND (0.21)	ND (0.19)	ND (0.22)	ND (0.24)	ND (0.21)	ND (0.21)	ND (0.19)	ND (0.17)	ND (0.2)	ND (0.2)
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	0.5	0.5	1.4	6.6	ND (0.042)	0.209	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	0.447	ND (0.035)	ND (0.039)	ND (0.04)
Isophorone	78-59-1	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
Naphthalene	91-20-3	mg/kg	12	84	100	12	ND (0.042)	0.0482	ND (0.044)	ND (0.047)	ND (0.042)	ND (0.042)	0.232	ND (0.035)	ND (0.039)	ND (0.04)
Nitrobenzene	98-95-3	mg/kg	0.08	0.77	1.8	0.08	ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
N-Nitroso-di-n-propylamine	621-64-7	mg/kg					ND (0.085)	ND (0.077)	ND (0.089)	ND (0.094)	ND (0.084)	ND (0.085)	ND (0.076)	ND (0.07)	ND (0.078)	ND (0.08)
N-Nitrosodiphenylamine	86-30-6	mg/kg					ND (0.21)	ND (0.19)	ND (0.22)	ND (0.24)	ND (0.21)	ND (0.21)	ND (0.19)	ND (0.17)	ND (0.2)	ND (0.2)
Pentachlorophenol	87-86-5	mg/kg	0.8	0.8	1.3	0.8	ND (0.17)	ND (0.15)	ND (0.18)	ND (0.19)	ND (0.17)	ND (0.17)	ND (0.15)	ND (0.14)	ND (0.16	

TABLE 3.1 SUMMARY OF SOIL SAMPLE RESULTS

22-24 S WATER STREET, PEEKSKILL, NY

Sample ID:																	
Lab ID:		CAS	UNITS	NY UUSCO	NY RSCO	NY RRSCO	NY PGWSCO	SB-1 4-4-5 JE29061-1 Soil 2/27/2026	SB-2 6-6-5 JE29061-2 Soil 2/27/2026	SB-3 14-5-15 JE29061-3 Soil 2/27/2026	SB-4 8-8-5 JE29061-4 Soil 2/27/2026	SB-5 11-11-5 JE29061-5 Soil 2/27/2026	SB-6 14-14-5 JE29061-6 Soil 2/27/2026	SB-7 4-4-5 JE29061-7 Soil 2/27/2026	SB-8 9-5-10 JE29061-8 Soil 2/27/2026	SB-9 11-11-5 JE29061-9 Soil 2/27/2026	SB-10 13-13-5 JE29061-10 Soil 2/27/2026
Matrix:																	
Sample Date:																	
VOCs (SW846 8260D)																	
Acetone	67-64-1	mg/kg	0.03	100	100	0.03	0.0236	0.0472	0.0288	0.0231	0.0455	0.0199	ND (0.012)	0.0107	0.0505	0.0325	
1,1,1-Trichloroethane	71-55-6	mg/kg	0.68	100	100	0.68	ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
1,1,2,2-Tetrachloroethane	79-34-5	mg/kg					ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
1,1,2-Trichloroethane	79-00-5	mg/kg					ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
1,1-Dichloroethane	75-34-3	mg/kg	0.27	19	47	0.27	ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.00063)	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
1,1-Dichloroethene	75-35-4	mg/kg	0.24	0.41	0.98	0.33	ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	0.00046 J	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
1,2,3-Trichlorobenzene	87-61-6	mg/kg					ND (0.0078)	ND (0.0048)	ND (0.0063)	ND (0.0053)	ND (0.0054)	ND (0.0032)	ND (0.0058)	ND (0.0041)	ND (0.0059)	ND (0.0069)	
1,2,4-Trichlorobenzene	120-82-1	mg/kg					ND (0.0078)	ND (0.0048)	ND (0.0063)	ND (0.0053)	ND (0.0054)	ND (0.0032)	ND (0.0058)	ND (0.0041)	ND (0.0059)	ND (0.0069)	
1,2-Dibromo-3-chloropropane	96-12-8	mg/kg					ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
1,2-Dibromooethane	106-93-4	mg/kg					ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.00063)	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
1,2-Dichlorobenzene	95-50-1	mg/kg	1.1	100	100	1.1	ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.00063)	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
1,2-Dichloroethene	107-06-2	mg/kg	0.02	2.4	5.8	0.02	ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.00063)	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
1,2-Dichloropropane	78-87-5	mg/kg					ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
1,3-Dichlorobenzene	541-73-1	mg/kg	2.6	11	38	2.6	ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.00063)	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
1,4-Dichlorobenzene	106-46-7	mg/kg	1.8	10	24	1.8	ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.00063)	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
2-Butanone (MEK)	78-93-3	mg/kg	0.1	100	100	0.1	ND (0.016)	ND (0.0097)	ND (0.013)	ND (0.011)	ND (0.011)	ND (0.0063)	ND (0.012)	ND (0.0082)	ND (0.012)	ND (0.014)	
2-Hexanone	591-78-6	mg/kg					ND (0.0078)	ND (0.0048)	ND (0.0063)	ND (0.0053)	ND (0.0054)	ND (0.0032)	ND (0.0058)	ND (0.0041)	ND (0.0059)	ND (0.0069)	
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/kg					ND (0.0078)	ND (0.0048)	ND (0.0063)	ND (0.0053)	ND (0.0054)	ND (0.0032)	ND (0.0058)	ND (0.0041)	ND (0.0059)	ND (0.0069)	
Benzene	71-43-2	mg/kg	0.06	1.2	3.7	0.06	ND (0.00078)	ND (0.00048)	ND (0.00063)	ND (0.00053)	ND (0.00054)	ND (0.00032)	ND (0.00058)	ND (0.00041)	ND (0.00059)	ND (0.00069)	
Bromochloromethane	74-97-5	mg/kg					ND (0.0078)	ND (0.0048)	ND (0.0063)	ND (0.0053)	ND (0.0054)	ND (0.0032)	ND (0.0058)	ND (0.0041)	ND (0.0059)	ND (0.0069)	
Bromodichloromethane	75-27-4	mg/kg					ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
Bromofluoromethane	75-25-2	mg/kg					ND (0.0078)	ND (0.0048)	ND (0.0063)	ND (0.0053)	ND (0.0054)	ND (0.0032)	ND (0.0058)	ND (0.0041)	ND (0.0059)	ND (0.0069)	
Bromomethane	74-83-9	mg/kg					ND (0.0078)	ND (0.0048)	ND (0.0063)	ND (0.0053)	ND (0.0054)	ND (0.0032)	ND (0.0058)	ND (0.0041)	ND (0.0059)	ND (0.0069)	
Carbon disulfide	75-15-0	mg/kg					ND (0.0031)	0.00052 J	0.0017 J	ND (0.0021)	0.0016 J	0.0014	ND (0.0023)	0.00097 J	0.00075 J	0.0043	
Carbon tetrachloride	56-23-5	mg/kg	0.76	1.9	7.1	0.76	ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
Chlorobenzene	108-90-7	mg/kg	4.5	73	100	4.5	ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
Chloroethane	75-00-3	mg/kg					ND (0.0078)	ND (0.0048)	ND (0.0063)	ND (0.0053)	ND (0.0054)	ND (0.0032)	ND (0.0058)	ND (0.0041)	ND (0.0059)	ND (0.0069)	
Chloroform	67-66-3	mg/kg	0.37	4.8	24	0.37	ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
Chloromethane	74-87-3	mg/kg					ND (0.0078)	ND (0.0048)	ND (0.0063)	ND (0.0053)	ND (0.0054)	ND (0.0032)	ND (0.0058)	ND (0.0041)	ND (0.0059)	ND (0.0069)	
cis-1,2-Dichloroethene	156-59-2	mg/kg	0.19	8.7	41	0.19	ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.00063)	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
cis-1,3-Dichloropropene	10061-01-5	mg/kg					ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
Cyclohexane	110-82-7	mg/kg					ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
Dibromochloromethane	124-48-1	mg/kg					ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
Dichlorodifluoromethane	75-71-8	mg/kg					ND (0.0078) *	ND (0.0048) *	ND (0.0063) *	ND (0.0053) *	ND (0.0054) *	ND (0.0032) *	ND (0.0058) *	ND (0.0041) *	ND (0.0059) *	ND (0.0069) *	
Ethylbenzene	100-41-4	mg/kg	1	32	76	1	ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.00063)	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
Freon 113	76-13-1	mg/kg					ND (0.0078)	ND (0.0048)	ND (0.0063)	ND (0.0053)	ND (0.0054)	ND (0.0032)	ND (0.0058)	ND (0.0041)	ND (0.0059)	ND (0.0069)	
Isopropylbenzene	98-82-8	mg/kg					ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
m,p-Xylene		mg/kg	0.26	100	100	1.2	ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.00063)	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
Methyl Acetate	79-20-9	mg/kg					ND (0.0078)	ND (0.0048)	ND (0.0063)	ND (0.0053)	ND (0.0054)	ND (0.0032)	ND (0.0058)	ND (0.0041)	ND (0.0059)	ND (0.0069)	
Methyl Tert Butyl Ether	1634-04-4	mg/kg	0.1	40	100	0.1	ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.00063)	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
Methylcyclohexane	108-87-2	mg/kg					ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
Methylene chloride	75-09-2	mg/kg	0.05	17	81	0.05	0.0049 J	ND (0.0048)	ND (0.0063)	ND (0.0053)	ND (0.0054)	ND (0.0032)	ND (0.0058)	ND (0.0041)	ND (0.0059)	ND (0.0069)	
o-Xylene	95-47-6	mg/kg	0.26	100	100	1.2	ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.00063)	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
Styrene	100-42-5	mg/kg					ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
Tetrachloroethene	127-18-4	mg/kg	1.3	15	18	1.3	ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
Toluene	108-88-3	mg/kg	0.7	100	100	0.7	ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.00063)	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
trans-1,2-Dichloroethene	156-60-5	mg/kg	0.19	75	100	0.19	ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.00063)	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
trans-1,3-Dichloropropene	10061-02-6	mg/kg					ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
Trichloroethene	79-01-6	mg/kg	0.47	1.7	6.4	0.47	ND (0.0016)	ND (0.00097)	ND (0.0013)	ND (0.0011)	ND (0.0011)	ND (0.00063)	ND (0.0012)	ND (0.00082)	ND (0.0012)	ND (0.0014)	
Trichlorofluoromethane	75-69-4	mg/kg					ND (0.0078)	ND (0.0048)	ND (0.0063)	ND (0.0053)	ND (0.0054)	ND (0.0032)	ND (0.0058)	ND (0.0041)	ND (0.0059)	ND (0.0069)	
Vinyl chloride	75-01-4	mg/kg	0.03	0.099	0.48	0.03	ND (0.0031)	ND (0.0019)	ND (0.0025)	ND (0.0021)	ND (0.0022)	ND (0.0013)	ND (0.0023)	ND (0.0016)	ND (0.0024)	ND (0.0028)	
Xylene (total)	1330-20-7	mg/kg	0.26	100													

TABLE 3.3 GROUNDWATER ANALYTICAL RESULTS

22-24 S WATER STREET, PEEKSKILL, NY

Sample ID:	CAS	UNITS	NY AWQS	TWP-5	TWP-6	TWP-10
Lab ID:				JE29061-11	JE29061-12	JE29061-13
Matrix:				Ground Water	Ground Water	Ground Water
Sample Date:				2/27/2026	2/27/2026	2/27/2026
SVOCs (SW846 8270E)						
1,1'-Biphenyl	92-52-4	ug/l	5	ND (0.22)	ND (0.22)	ND (0.24)
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/l	5	ND (0.38)	ND (0.39)	ND (0.42)
1,4-Dioxane	123-91-1	ug/l	0.35	ND (0.67)	ND (0.68)	ND (0.74)
2,2'-Oxybis(1-chloropropane)	108-60-1	ug/l	5	ND (0.41)	ND (0.42)	ND (0.45)
2,3,4,6-Tetrachlorophenol	58-90-2	ug/l		ND (1.5)	ND (1.5)	ND (1.6)
2,4,5-Trichlorophenol	95-95-4	ug/l		ND (1.4)	ND (1.4)	ND (1.5)
2,4,6-Trichlorophenol	88-06-2	ug/l		ND (0.94)	ND (0.96)	ND (1.0)
2,4-Dichlorophenol	120-83-2	ug/l	1	ND (1.3)	ND (1.3)	ND (1.4)
2,4-Dimethylphenol	105-67-9	ug/l	1	ND (2.5)	ND (2.5)	ND (2.7)
2,4-Dinitrophenol	51-28-5	ug/l	1	ND (1.6) ^a	ND (1.6) ^a	ND (1.7) ^a
2,4-Dinitrotoluene	121-14-2	ug/l	5	ND (0.56) ^a	ND (0.58) ^a	ND (0.62) ^a
2,6-Dinitrotoluene	606-20-2	ug/l	5	ND (0.49) ^a	ND (0.50) ^a	ND (0.53) ^a
2-Chloronaphthalene	91-58-7	ug/l	10	ND (0.24)	ND (0.25)	ND (0.27)
2-Chlorophenol	95-57-8	ug/l		ND (0.84)	ND (0.85)	ND (0.92)
2-Methylnaphthalene	91-57-6	ug/l		ND (0.21)	ND (0.22)	ND (0.24)
2-Methylphenol	95-48-7	ug/l		ND (0.91)	ND (0.93)	ND (1.0)
2-Nitroaniline	88-74-4	ug/l	5	ND (0.28)	ND (0.29)	ND (0.31)
2-Nitrophenol	88-75-5	ug/l		ND (0.98) ^a	ND (1.0) ^a	ND (1.1) ^a
3&4-Methylphenol	M+P-CRESOLS	ug/l		ND (0.90)	ND (0.92)	ND (0.99)
3,3'-Dichlorobenzidine	91-94-1	ug/l	5	ND (0.52)	ND (0.53)	ND (0.57)
3-Nitroaniline	99-09-2	ug/l	5	ND (0.39)	ND (0.40)	ND (0.43)
4,6-Dinitro-o-cresol	534-52-1	ug/l		ND (1.3) ^a	ND (1.4) ^a	ND (1.5) ^a
4-Bromophenyl phenyl ether	101-55-3	ug/l		ND (0.41)	ND (0.42)	ND (0.45)
4-Chloro-3-methyl phenol	59-50-7	ug/l		ND (0.91)	ND (0.93)	ND (1.0)
4-Chloroaniline	106-47-8	ug/l	5	ND (0.35)	ND (0.35)	ND (0.38)
4-Chlorophenyl phenyl ether	7005-72-3	ug/l		ND (0.37)	ND (0.38)	ND (0.41)
4-Nitroaniline	100-01-6	ug/l	5	ND (0.45)	ND (0.46)	ND (0.49)
4-Nitrophenol	100-02-7	ug/l		ND (1.2)	ND (1.2)	ND (1.3)
Acenaphthene	83-32-9	ug/l	20	ND (0.19)	ND (0.20)	ND (0.21)
Acenaphthylene	208-96-8	ug/l		ND (0.14)	0.81 J	0.28 J
Acetophenone	98-86-2	ug/l		ND (0.21)	ND (0.22)	ND (0.23)
Anthracene	120-12-7	ug/l	50	ND (0.22)	1	0.43 J
Atrazine	1912-24-9	ug/l	7.5	ND (0.46)	ND (0.47)	ND (0.50)
Benzaldehyde	100-52-7	ug/l		ND (0.29)	0.32 J	ND (0.32)
Benzo(a)anthracene	56-55-3	ug/l	0.002	0.50 J	5.5	1.6
Benzo(a)pyrene	50-32-8	ug/l	ND	0.41 J	5.6	1.6
Benzo(b)fluoranthene	205-99-2	ug/l	0.002	0.47 J	6.6	1.6
Benzo(g,h,i)perylene	191-24-2	ug/l		0.38 J	3.9	0.91 J
Benzo(k)fluoranthene	207-08-9	ug/l	0.002	ND (0.21)	2.7	0.80 J
bis(2-Chloroethoxy)methane	111-91-1	ug/l	5	ND (0.28)	ND (0.29)	ND (0.31)
bis(2-Chloroethyl)ether	111-44-4	ug/l	1	ND (0.25)	ND (0.26)	ND (0.28)
bis(2-Ethylhexyl)phthalate	117-81-7	ug/l	5	ND (1.7)	ND (1.7)	ND (1.9)
Butyl benzyl phthalate	85-68-7	ug/l	50	ND (0.47)	ND (0.48)	ND (0.51)
Caprolactam	105-60-2	ug/l		ND (0.66)	ND (0.68)	ND (0.73)
Carbazole	86-74-8	ug/l		ND (0.23)	ND (0.24)	ND (0.26)
Chrysene	218-01-9	ug/l	0.002	0.33 J	5.2	1.6
Dibenzo(a,h)anthracene	53-70-3	ug/l		ND (0.34)	0.95 J	ND (0.37)
Dibenzofuran	132-64-9	ug/l		ND (0.22)	ND (0.23)	ND (0.25)
Diethyl phthalate	84-66-2	ug/l	50	ND (0.27)	ND (0.27)	ND (0.29)
Dimethyl phthalate	131-11-3	ug/l	50	ND (0.22)	ND (0.23)	ND (0.24)
Di-n-butyl phthalate	84-74-2	ug/l	50	ND (0.51)	ND (0.52)	ND (0.56)
Di-n-octyl phthalate	117-84-0	ug/l	50	ND (0.24)	ND (0.24)	ND (0.26)
Fluoranthene	206-44-0	ug/l	50	0.76 J	10.9	2.7
Fluorene	86-73-7	ug/l	50	ND (0.17)	ND (0.18)	ND (0.19)
Hexachlorobenzene	118-74-1	ug/l	0.04	ND (0.33)	ND (0.34)	ND (0.37)
Hexachlorobutadiene	87-68-3	ug/l	0.5	ND (0.50)	ND (0.51)	ND (0.55)
Hexachlorocyclopentadiene	77-47-4	ug/l	5	ND (2.8)	ND (2.9)	ND (3.1)
Hexachloroethane	67-72-1	ug/l	5	ND (0.40)	ND (0.41)	ND (0.44)
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	0.002	ND (0.34)	3.3	0.77 J
Isophorone	78-59-1	ug/l	50	ND (0.28)	ND (0.29)	ND (0.31)
Naphthalene	91-20-3	ug/l	10	ND (0.24)	ND (0.24)	ND (0.26)
Nitrobenzene	98-95-3	ug/l	0.4	ND (0.66)	ND (0.67)	ND (0.72)
N-Nitroso-di-n-propylamine	621-64-7	ug/l		ND (0.49)	ND (0.50)	ND (0.54)
N-Nitrosodiphenylamine	86-30-6	ug/l	50	ND (0.23)	ND (0.23)	ND (0.25)
Pentachlorophenol	87-86-5	ug/l	1	ND (1.4)	ND (1.4)	ND (1.6)
Phenanthrene	85-01-8	ug/l	50	0.34 J	1.9	1.1
Phenol	108-95-2	ug/l	1	ND (0.40)	ND (0.41)	ND (0.44)
Pyrene	129-00-0	ug/l	50	0.69 J	9.8	2.4
Total TIC, Semi-Volatile		ug/l		9.9 J	46 J	76.1 J

TABLE 3.3 GROUNDWATER ANALYTICAL RESULTS

22-24 S WATER STREET, PEEKSKILL, NY

Sample ID:	CAS	UNITS	NY AWQS	TWP-5	TWP-6	TWP-10
Lab ID:				JE29061-11	JE29061-12	JE29061-13
Matrix:				Ground Water	Ground Water	Ground Water
Sample Date:				2/27/2026	2/27/2026	2/27/2026
VOCs (SW846 8260D)						
1,1,1-Trichloroethane	71-55-6	ug/l	5	ND (0.54)	ND (0.54)	ND (0.54)
1,1,2,2-Tetrachloroethane	79-34-5	ug/l	5	ND (0.65)	ND (0.65)	ND (0.65)
1,1,2-Trichloroethane	79-00-5	ug/l	1	ND (0.53)	ND (0.53)	ND (0.53)
1,1-Dichloroethane	75-34-3	ug/l	5	ND (0.57)	ND (0.57)	ND (0.57)
1,1-Dichloroethene	75-35-4	ug/l	5	ND (0.59)	ND (0.59)	ND (0.59)
1,2,3-Trichlorobenzene	87-61-6	ug/l	5	ND (0.50)	ND (0.50)	ND (0.50)
1,2,4-Trichlorobenzene	120-82-1	ug/l	5	ND (0.50)	ND (0.50)	ND (0.50)
1,2-Dibromo-3-chloropropane	96-12-8	ug/l	0.04	ND (0.53)	ND (0.53)	ND (0.53)
1,2-Dibromoethane	106-93-4	ug/l	0.0006	ND (0.48)	ND (0.48)	ND (0.48)
1,2-Dichlorobenzene	95-50-1	ug/l	3	ND (0.53)	ND (0.53)	ND (0.53)
1,2-Dichloroethane	107-06-2	ug/l	0.6	ND (0.60)	ND (0.60)	ND (0.60)
1,2-Dichloropropane	78-87-5	ug/l	1	ND (0.51)	ND (0.51)	ND (0.51)
1,3-Dichlorobenzene	541-73-1	ug/l	3	ND (0.54)	ND (0.54)	ND (0.54)
1,4-Dichlorobenzene	106-46-7	ug/l	3	ND (0.51)	ND (0.51)	ND (0.51)
2-Butanone (MEK)	78-93-3	ug/l	50	ND (2.7)	ND (2.7)	ND (2.7)
2-Hexanone	591-78-6	ug/l	50	ND (4.8)	ND (4.8)	ND (4.8)
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/l		ND (4.9)	ND (4.9)	ND (4.9)
Acetone	67-64-1	ug/l	50	ND (3.1)	ND (3.1)	ND (3.1)
Benzene	71-43-2	ug/l	1	ND (0.43)	ND (0.43)	ND (0.43)
Bromochloromethane	74-97-5	ug/l	5	ND (0.48)	ND (0.48)	ND (0.48)
Bromodichloromethane	75-27-4	ug/l	50	ND (0.45)	ND (0.45)	ND (0.45)
Bromoform	75-25-2	ug/l	50	ND (0.63)	ND (0.63)	ND (0.63)
Bromomethane	74-83-9	ug/l	5	ND (1.6) ^c	ND (1.6)	ND (1.6) ^c
Carbon disulfide	75-15-0	ug/l	60	ND (1.8)	ND (1.8)	ND (1.8)
Carbon tetrachloride	56-23-5	ug/l	5	ND (0.55)	ND (0.55)	ND (0.55)
Chlorobenzene	108-90-7	ug/l	5	ND (0.56)	ND (0.56)	ND (0.56)
Chloroethane	75-00-3	ug/l	5	ND (0.73)	ND (0.73)	ND (0.73)
Chloroform	67-66-3	ug/l	7	ND (0.50)	ND (0.50)	ND (0.50)
Chloromethane	74-87-3	ug/l	5	ND (0.76)	ND (0.76)	ND (0.76)
cis-1,2-Dichloroethene	156-59-2	ug/l	5	ND (0.51)	ND (0.51)	ND (0.51)
cis-1,3-Dichloropropene	10061-01-5	ug/l		ND (0.47)	ND (0.47)	ND (0.47)
Cyclohexane	110-82-7	ug/l		ND (0.78)	ND (0.78)	ND (0.78)
Dibromochloromethane	124-48-1	ug/l	50	ND (0.56)	ND (0.56)	ND (0.56)
Dichlorodifluoromethane	75-71-8	ug/l	5	ND (0.56)	ND (0.56)	ND (0.56)
Ethylbenzene	100-41-4	ug/l	5	ND (0.60)	ND (0.60)	ND (0.60)
Freon 113	76-13-1	ug/l	5	ND (0.58)	ND (0.58)	ND (0.58)
Isopropylbenzene	98-82-8	ug/l	5	ND (0.65)	ND (0.65)	ND (0.65)
m,p-Xylene	M,P-XYLENE	ug/l		ND (0.78)	ND (0.78)	ND (0.78)
Methyl Acetate	79-20-9	ug/l		ND (0.80)	ND (0.80)	ND (0.80)
Methyl Tert Butyl Ether	1634-04-4	ug/l	10	ND (0.51)	ND (0.51)	ND (0.51)
Methylcyclohexane	108-87-2	ug/l		ND (0.60)	ND (0.60)	ND (0.60)
Methylene chloride	75-09-2	ug/l	5	ND (1.0)	ND (1.0)	ND (1.0)
o-Xylene	95-47-6	ug/l	5	ND (0.59)	ND (0.59)	ND (0.59)
Styrene	100-42-5	ug/l	5	ND (0.49)	ND (0.49)	ND (0.49)
Tetrachloroethene	127-18-4	ug/l	5	ND (0.56)	ND (0.56)	ND (0.56)
Toluene	108-88-3	ug/l	5	ND (0.49)	ND (0.49)	ND (0.49)
trans-1,2-Dichloroethene	156-60-5	ug/l	5	ND (0.54)	ND (0.54)	ND (0.54)
trans-1,3-Dichloropropene	10061-02-6	ug/l		ND (0.43)	ND (0.43)	ND (0.43)
Trichloroethene	79-01-6	ug/l	5	ND (0.53)	ND (0.53)	ND (0.53)
Trichlorofluoromethane	75-69-4	ug/l	5	ND (0.40)	ND (0.40)	ND (0.40)
Vinyl chloride	75-01-4	ug/l	2	ND (0.52)	ND (0.52)	ND (0.52)
Xylene (total)	1330-20-7	ug/l	5	ND (0.59)	ND (0.59)	ND (0.59)
Total TIC, Volatile		ug/l		0	19.4 J	0
PESTICIDES (SW846 8081B)						
4,4'-DDD	72-54-8	ug/l	0.3	ND (0.0050)	ND (0.0050)	ND (0.0050)
4,4'-DDE	72-55-9	ug/l	0.2	ND (0.0050)	ND (0.0050)	ND (0.0050)
4,4'-DDT	50-29-3	ug/l	0.2	ND (0.0050)	ND (0.0050)	ND (0.0050)
Aldrin	309-00-2	ug/l	ND	ND (0.0050)	ND (0.0050)	ND (0.0050)
alpha-BHC	319-84-6	ug/l	0.01	ND (0.0050)	ND (0.0050)	ND (0.0050)
alpha-Chlordane	5103-71-9	ug/l		ND (0.0050)	ND (0.0050)	ND (0.0050)
beta-BHC	319-85-7	ug/l	0.04	ND (0.0050)	ND (0.0050)	ND (0.0050)
delta-BHC	319-86-8	ug/l	0.04	ND (0.0050)	ND (0.0050)	ND (0.0050)
Dieldrin	60-57-1	ug/l	0.004	ND (0.0050)	ND (0.0050)	ND (0.0050)
Endosulfan sulfate	1031-07-8	ug/l		ND (0.0050)	ND (0.0050)	ND (0.0050)
Endosulfan-I	959-98-8	ug/l		ND (0.0050)	ND (0.0050)	ND (0.0050)
Endosulfan-II	33213-65-9	ug/l		ND (0.0050)	ND (0.0050)	ND (0.0050)
Endrin	72-20-8	ug/l	ND	ND (0.0050)	ND (0.0050)	ND (0.0050)
Endrin aldehyde	7421-93-4	ug/l	5	ND (0.0050)	ND (0.0050)	ND (0.0050)
Endrin ketone	53494-70-5	ug/l	5	ND (0.0050)	ND (0.0050)	ND (0.0050)
gamma-BHC (Lindane)	58-89-9	ug/l	0.05	ND (0.0050)	ND (0.0050)	ND (0.0050)
gamma-Chlordane	5103-74-2	ug/l		ND (0.0050)	ND (0.0050)	ND (0.0050)
Heptachlor	76-44-8	ug/l	0.04	ND (0.0050)	ND (0.0050)	ND (0.0050)
Heptachlor epoxide	1024-57-3	ug/l	0.03	ND (0.0050)	ND (0.0050)	ND (0.0050)
Methoxychlor	72-43-5	ug/l	35	ND (0.010)	ND (0.010)	ND (0.010)
Toxaphene	8001-35-2	ug/l	0.06	ND (0.13)	ND (0.13)	ND (0.13)

TABLE 3.3 GROUNDWATER ANALYTICAL RESULTS

22-24 S WATER STREET, PEEKSKILL, NY

Sample ID:	CAS	UNITS	NY AWQS	TWP-5	TWP-6	TWP-10
Lab ID:				JE29061-11	JE29061-12	JE29061-13
Matrix:				Ground Water	Ground Water	Ground Water
Sample Date:				2/27/2026	2/27/2026	2/27/2026
PCBs (SW846 8082A)						
Aroclor 1016	12674-11-2	ug/l	0.09	ND (0.10)	ND (0.11)	ND (0.10)
Aroclor 1221	11104-28-2	ug/l	0.09	ND (0.22)	ND (0.24)	ND (0.22)
Aroclor 1232	11141-16-5	ug/l	0.09	ND (0.14)	ND (0.15)	ND (0.14)
Aroclor 1242	53469-21-9	ug/l	0.09	ND (0.25)	ND (0.26)	ND (0.25)
Aroclor 1248	12672-29-6	ug/l	0.09	ND (0.23)	ND (0.24)	ND (0.23)
Aroclor 1254	11097-69-1	ug/l	0.09	ND (0.22)	ND (0.23)	ND (0.22)
Aroclor 1260	11096-82-5	ug/l	0.09	ND (0.22)	ND (0.23)	ND (0.22)
Aroclor 1262	37324-23-5	ug/l	0.09	ND (0.24)	ND (0.26)	ND (0.24)
Aroclor 1268	11100-14-4	ug/l	0.09	ND (0.091)	ND (0.097)	ND (0.091)
METALS (SW846 6010D, 7470A & EPA 335.4)						
Aluminum	7429-90-5	ug/l		32500	142000	241000
Antimony	7440-36-0	ug/l	3	ND (6.0)	ND (30) ^d	ND (30) ^d
Arsenic	7440-38-2	ug/l	25	19.1 ^d	95.4 ^d	149 ^d
Barium	7440-39-3	ug/l	1000	352	1120	1710
Beryllium	7440-41-7	ug/l	3	2.8	8.7	11.1
Cadmium	7440-43-9	ug/l	5	ND (3.0)	5.7	ND (3.0)
Calcium	7440-70-2	ug/l		180000	224000	148000
Chromium	7440-47-3	ug/l	50	36.3	249	320
Cobalt	7440-48-4	ug/l		ND (50)	260	211
Copper	7440-50-8	ug/l	200	65.5	1680 ^d	528 ^d
Cyanide	57-12-5	ug/L	200	ND (10)	39	35
Iron	7439-89-6	ug/l	300	47000	739000	507000
Lead	7439-92-1	ug/l	25	126 ^d	1970 ^d	2300 ^d
Magnesium	7439-95-4	ug/l	35000	61900	79900	107000
Manganese	7439-96-5	ug/l	300	1630	13800	10600
Mercury	7439-97-6	ug/l	0.7	ND (0.20)	ND (0.20)	ND (0.20)
Nickel	7440-02-0	ug/l	100	46	334 ^d	367 ^d
Potassium	7440-09-7	ug/l		23400	27800	36800
Selenium	7782-49-2	ug/l	10	ND (10) ^d	ND (50) ^d	ND (50) ^d
Silver	7440-22-4	ug/l	50	ND (10)	ND (10)	ND (10)
Sodium	7440-23-5	ug/l	20000	1200000	461000	195000
Thallium	7440-28-0	ug/l	0.5	ND (10)	ND (50) ^d	ND (50) ^d
Vanadium	7440-62-2	ug/l		67	349	485
Zinc	7440-66-6	ug/l	2000	136	2720	1290
PFAS (EPA 1633)						
PFBA	375-22-4	ng/l		1300	ND (100)	ND (90.9)
PFPeA	2706-90-3	ng/l		632	ND (50)	ND (45.5)
PFHxA	307-24-4	ng/l		325	ND (50)	ND (45.5)
PFHpA	375-85-9	ng/l		329	ND (50)	ND (45.5)
PFOA	335-67-1	ng/l	6.7	329	ND (50)	ND (45.5)
PFNA	375-95-1	ng/l		330	ND (50)	ND (45.5)
PFDA	335-76-2	ng/l		330	ND (50)	ND (45.5)
PFuNA	2058-94-8	ng/l		303	ND (50)	ND (45.5)
PFDoA	307-55-1	ng/l		253	ND (50)	ND (45.5)
PFTTrDA	72629-94-8	ng/l		317	ND (50)	ND (45.5)
PFTeDA	376-06-7	ng/l		267	ND (50)	ND (45.5)
PFBS	375-73-5	ng/l		337	ND (50)	ND (45.5)
PFHxS	355-46-4	ng/l		364	ND (50)	ND (45.5)
PFHpS	375-92-8	ng/l		324	ND (50)	ND (45.5)
PFOS	1763-23-1	ng/l	2.7	317	ND (50)	ND (45.5)
PFDS	335-77-3	ng/l		24	ND (50)	ND (45.5)
6:2 FTS	27619-97-2	ng/l		1250	ND (100)	ND (90.9)
8:2 FTS	39108-34-4	ng/l		1140	ND (100)	ND (90.9)
PFOSA	754-91-6	ng/l		301	ND (50)	ND (45.5)
NMeFOSAA	2355-31-9	ng/l		290	ND (50)	ND (45.5)
NEtFOSAA	2991-50-6	ng/l		305	ND (50)	ND (45.5)

NOTES:

ug/l = micrograms per liter

NYSDEC = New York State Department of Environmental Conservation

NY AWQS = Lower of NYSDEC Ambient Water Quality Standards (6/04) and Guidance Values (2/23)

ND = Not Detected

J = Estimated Value

a = Associated CCV outside of control limits high, sample was ND.

b = Outside of in house control limits.

c = Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

d = Elevated detection limit due to dilution required for high interfering element.

= Exceeds NY AWQS

TABLE 3.5 SUMMARY OF SOIL VAPOR RESULTS

22-24 S WATER STREET, PEEKSKILL, NY

Sample ID:	CAS	UNITS	Decision Matrices			VP-5	VP-6	VP-10
Lab ID:						JE29035-1	JE29035-2	JE29035-3
Matrix:			Soil Vapor	Soil Vapor	Soil Vapor			
Sample Date:			Matrix	Lower	Upper	2/27/2026	2/27/2026	2/27/2026
VOCs (TO-15)								
1,1,1-Trichloroethane	71-55-6	ug/m ³	B	100	1000	ND (1.7)	ND (8.7)	ND (1.7)
1,1,2,2-Tetrachloroethane	79-34-5	ug/m ³				ND (1.3)	ND (6.6)	ND (1.3)
1,1,2-Trichloroethane	79-00-5	ug/m ³				ND (0.82)	ND (4.1)	ND (0.82)
1,1-Dichloroethane	75-34-3	ug/m ³				ND (0.93)	ND (4.5)	ND (0.93)
1,1-Dichloroethylene	75-35-4	ug/m ³	A	6	60	ND (0.95)	ND (4.8)	ND (0.95)
1,2,4-Trichlorobenzene	120-82-1	ug/m ³				ND (3.6)	ND (18)	ND (3.6)
1,2,4-Trimethylbenzene	95-63-6	ug/m ³	D	60	600	22	ND (8.4)	10
1,2-Dibromoethane (EDB)	106-93-4	ug/m ³				ND (0.92)	ND (4.6)	ND (0.92)
1,2-Dichloroethane	107-06-2	ug/m ³				ND (1.1)	ND (5.7)	ND (1.1)
1,2-Dichloropropane	78-87-5	ug/m ³				ND (1.2)	ND (5.5)	ND (1.2)
1,3,5-Trimethylbenzene	108-67-8	ug/m ³	D	60	600	5.4	ND (7.9)	2.1 J
1,3-Butadiene	106-99-0	ug/m ³				ND (0.75)	ND (3.8)	ND (0.75)
1,4-Dioxane	123-91-1	ug/m ³				ND (0.68)	ND (3.5)	ND (0.68)
2,2,4-Trimethylpentane	540-84-1	ug/m ³	D	60	600	ND (0.75)	ND (3.7)	3.5 J
2-Chlorotoluene	95-49-8	ug/m ³				ND (1.5)	ND (7.2)	ND (1.5)
2-Hexanone	591-78-6	ug/m ³				ND (2.4)	ND (12)	ND (2.4)
3-Chloropropene	107-05-1	ug/m ³				ND (1.0)	ND (5.3)	ND (1.0)
4-Ethyltoluene	622-96-8	ug/m ³				3.8 J	ND (9.3)	2.2 J
Acetone (2-Propanone)	67-64-1	ug/m ³				49.4	ND (6.9)	162
Benzene	71-43-2	ug/m ³	D	60	600	ND (0.61)	ND (3.0)	6.1
Benzyl Chloride	100-44-7	ug/m ³				ND (2.6)	ND (13)	ND (2.6)
Bromodichloromethane	75-27-4	ug/m ³				ND (0.80)	ND (4.0)	ND (0.80)
Bromoethene	593-60-2	ug/m ³				ND (1.0)	ND (5.2)	ND (1.0)
Bromoform	75-25-2	ug/m ³				ND (2.9)	ND (14)	ND (2.9)
Bromomethane	74-83-9	ug/m ³				ND (1.1)	ND (5.4)	ND (1.1)
Carbon disulfide	75-15-0	ug/m ³				3.7	13	18
Carbon tetrachloride	56-23-5	ug/m ³	A	6	60	ND (1.0)	ND (5.0)	ND (1.0)
Chlorobenzene	108-90-7	ug/m ³				ND (1.4)	ND (6.9)	ND (1.4)
Chloroethane	75-00-3	ug/m ³				ND (0.71)	ND (3.7)	ND (0.71)
Chloroform	67-66-3	ug/m ³				ND (0.73)	ND (3.6)	ND (0.73)
Chloromethane	74-87-3	ug/m ³				ND (0.74)	ND (3.7)	3.9
Cyclohexane	110-82-7	ug/m ³	D	60	600	3.1	ND (3.1)	17
Dibromochloromethane	124-48-1	ug/m ³				ND (4.2)	ND (20)	ND (4.2)
Dichlorodifluoromethane	75-71-8	ug/m ³				2.3 J	ND (10)	2.5 J
Ethanol	64-17-5	ug/m ³				14	ND (15)	13
Ethyl Acetate	141-78-6	ug/m ³				5.8	ND (7.6)	28
Ethylbenzene	100-41-4	ug/m ³	D	60	600	3.5	ND (5.2)	2.8 J
Freon 113	76-13-1	ug/m ³				ND (0.92)	ND (4.8)	ND (0.92)
Freon 114	76-14-2	ug/m ³				ND (1.4)	ND (7.0)	ND (1.4)
Heptane	142-82-5	ug/m ³	E	200	2000	9	1030	39
Hexachlorobutadiene	87-68-3	ug/m ³				ND (2.7)	ND (13)	ND (2.7)
Hexane	110-54-3	ug/m ³	E	200	2000	35	3060	123
Isopropyl Alcohol	67-63-0	ug/m ³				2.5	ND (6.9)	2.3
Methyl Isobutyl Ketone	108-10-1	ug/m ³				ND (1.2)	ND (6.1)	ND (1.2)
Methyl Tert Butyl Ether	1634-04-4	ug/m ³				ND (1.2)	ND (5.8)	ND (1.2)
Methyl ethyl ketone	78-93-3	ug/m ³				51	69	90.2
Methylene chloride	75-09-2	ug/m ³	B	100	1000	ND (1.8)	ND (9.4)	3.1
Methylmethacrylate	80-62-6	ug/m ³				ND (1.1)	ND (5.7)	ND (1.1)
Propylene	115-07-1	ug/m ³				ND (0.33)	ND (1.6)	ND (0.33)
Styrene	100-42-5	ug/m ³				ND (0.89)	ND (4.7)	ND (0.89)
Tertiary Butyl Alcohol	75-65-0	ug/m ³				2.8	ND (5.8)	3.6
Tetrachloroethylene	127-18-4	ug/m ³	B	100	1000	ND (0.81)	ND (4.1)	ND (0.81)
Tetrahydrofuran	109-99-9	ug/m ³				ND (1.1)	ND (5.3)	ND (1.1)
Toluene	108-88-3	ug/m ³	F	300	3000	7.5	9.8 J	7.5
Trichloroethylene	79-01-6	ug/m ³	A	6	60	ND (0.41)	ND (2.0)	ND (0.41)
Trichlorofluoromethane	75-69-4	ug/m ³				ND (1.3)	ND (6.2)	ND (1.3)
Vinyl Acetate	108-05-4	ug/m ³				ND (1.6)	ND (7.7)	ND (1.6)
Vinyl chloride	75-01-4	ug/m ³	C	6	60	ND (0.72)	ND (3.6)	ND (0.72)
Xylenes (total)	1330-20-7	ug/m ³				21	14 J	17
cis-1,2-Dichloroethylene	156-59-2	ug/m ³	A	6	60	ND (0.48)	ND (2.4)	ND (0.48)
cis-1,3-Dichloropropene	10061-01-5	ug/m ³				ND (1.1)	ND (5.4)	ND (1.1)
m,p-Xylene	M,P-XYLENE	ug/m ³	E	200	2000	15	14 J	12
m-Dichlorobenzene	541-73-1	ug/m ³				ND (0.66)	ND (3.4)	ND (0.66)
o-Dichlorobenzene	95-50-1	ug/m ³				ND (1.7)	ND (8.4)	ND (1.7)
o-Xylene	95-47-6	ug/m ³				6.1	ND (6.5)	4.8
p-Dichlorobenzene	106-46-7	ug/m ³				ND (1.9)	ND (9.6)	ND (1.9)
trans-1,2-Dichloroethylene	156-60-5	ug/m ³				ND (1.1)	ND (5.6)	ND (1.1)
trans-1,3-Dichloropropene	10061-02-6	ug/m ³				ND (1.8)	ND (9.1)	ND (1.8)

NOTES:ug/m³ = micrograms per meter cubed

NYSDOH = New York State Department of Health

Decision Matrices = NYSDOH Soil Vapor Decision Matrices A-F (2/24)

ND = Not Detected

J = Estimated Value

a = Associated CCV outside of control limits high, sample was ND.

b = Outside of in house control limits.

c = Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

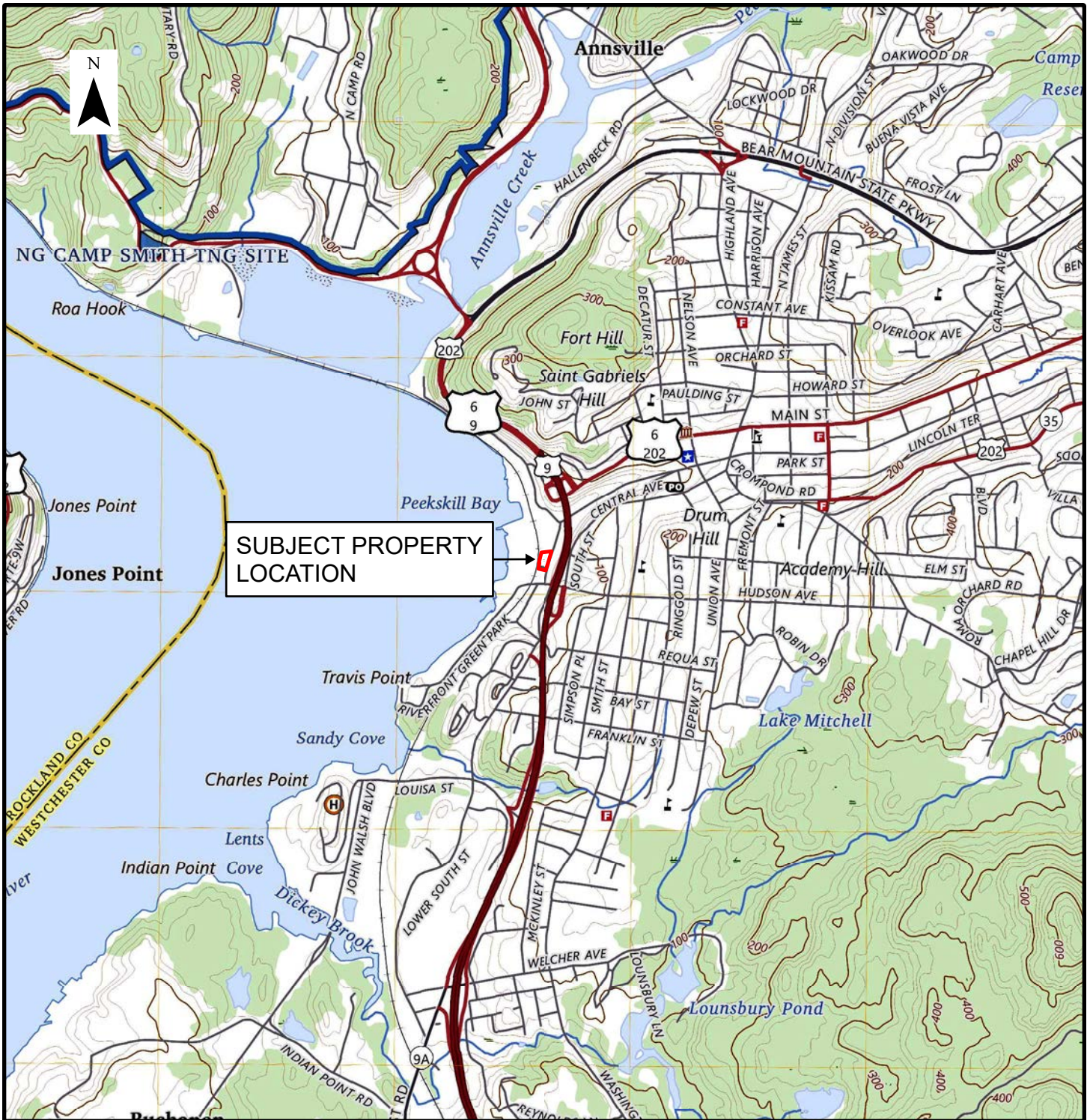
d = Elevated detection limit due to dilution required for high interfering element.

= Detected Compound

= Exceeds Decision Matrices (Lower)

= Exceeds Decision Matrices (Upper)

FIGURES



REFERENCE:

UNITED STATES GEOLOGICAL SURVEY (USGS)
PENNINGTON, NJ USGS QUADRANGLE - 2019

LEGEND:



SUBJECT PROPERTY
LOCATION

SCALE: 1" = 2,000'

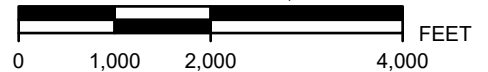


FIG-1.1

22-24 S WATER STREET
BLOCK 2, LOT 4
PEEKSKILL, WESTCHESTER COUNTY, NY

SUBJECT PROPERTY LOCATION MAP

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DRAWN BY: KBV

CHECKED BY: MKC

SCALE: AS NOTED

DATE: 5/5/2026

JOB NO: 14373

Y:\GIS\Project_Numbers\14373\APRX_PROJECT\APRX_Standard_Fig_Prj_No.aprx, 3/16/2026 11:25 AM, Kim Vanderklein, LAYOUT: FIG-2.1



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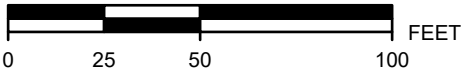
PARCELS: NYS OFFICE OF INFORMATION TECHNOLOGYSERVICES - GIS PROGRAM OFFICE, NYS DEPT OF TAXATION AND FINANCE'S OFFICE OF REAL PROPERTY TAX SERVICES; AERIAL IMAGERY: NEW YORK STATE, MICROSOFT, VANTOR

LEGEND:

- SB-1 SOIL BORING NO. AND APPROX. LOCATION
SB-5 SOIL BORING / TEMP WELL NO. AND APPROX LOCATION
TWP-5

- VP-5 SOIL VAPOR NO. AND APPROX LOCATION
NY TAX PARCELS
SITE LOCATION

SCALE: 1" = 50'



dwg by: KBV
chk by: MKC
scale: AS NOTED
date: 3/16/2026

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22-24 S WATER STREET
BLOCK 2, LOTS 3 AND 4
PEEKSKILL, WESTCHESTER COUNTY, NY

BORING LOCATION PLAN

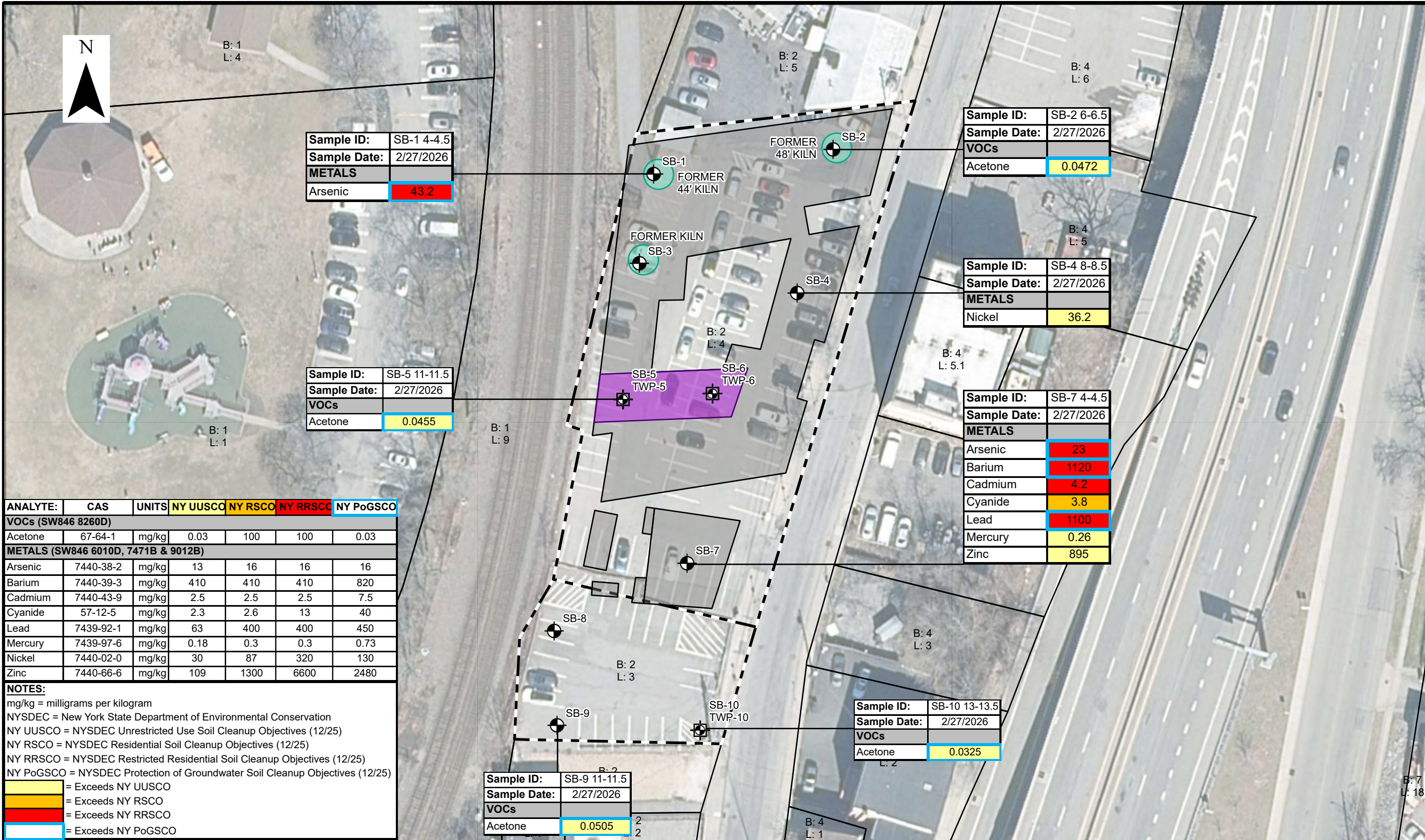
project:

job no.: 14373
drawing no:

title:

FIG-2.1

Y:\GIS\Project_Numbers\14373\APRX_PROJECT\APRX_Standard_Fig_Pri_No.aprx, 6/23/2026 10:51 AM, Kim Vanderklein, LAYOUT: FIG-3.1



ANALYTE:	CAS	UNITS	NY UUSCO	NY RSCO	NY RRSCO	NY PoGSCO
VOCs (SW846 8260D)						
Acetone	67-64-1	mg/kg	0.03	100	100	0.03
METALS (SW846 6010D, 7471B & 9012B)						
Arsenic	7440-38-2	mg/kg	13	16	16	16
Barium	7440-39-3	mg/kg	410	410	410	820
Cadmium	7440-43-9	mg/kg	2.5	2.5	2.5	7.5
Cyanide	57-12-5	mg/kg	2.3	2.6	13	40
Lead	7439-92-1	mg/kg	63	400	400	450
Mercury	7439-97-6	mg/kg	0.18	0.3	0.3	0.73
Nickel	7440-02-0	mg/kg	30	87	320	130
Zinc	7440-66-6	mg/kg	109	1300	6600	2480

NOTES:
mg/kg = milligrams per kilogram
NYSDEC = New York State Department of Environmental Conservation
NY UUSCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (12/25)
NY RSCO = NYSDEC Residential Soil Cleanup Objectives (12/25)
NY RRSCO = NYSDEC Restricted Residential Soil Cleanup Objectives (12/25)
NY PoGSCO = NYSDEC Protection of Groundwater Soil Cleanup Objectives (12/25)

Legend:

- Exceeds NY UUSCO
- Exceeds NY RSCO
- Exceeds NY RRSCO
- Exceeds NY PoGSCO

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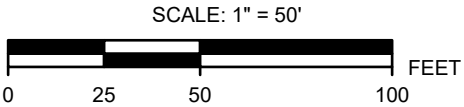
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PARCELS: NYS OFFICE OF INFORMATION TECHNOLOGYSERVICES - GIS PROGRAM OFFICE, NYS DEPT OF TAXATION AND FINANCE'S OFFICE OF REAL PROPERTY TAX SERVICES; AERIAL IMAGERY: NEW YORK STATE, MICROSOFT, VANTOR

LEGEND:

- SB-1, SB-5, TWP-5: SOIL BORING NO. AND APPROX. LOCATION
- SB-2, SB-3, SB-4, SB-6, SB-7, SB-8, SB-9, SB-10: SOIL BORING / TEMP WELL NO. AND APPROX. LOCATION
- FORMER KILN: FORMER KILN
- HISTORIC COAL STORAGE AREA: HISTORIC COAL STORAGE AREA
- HISTORIC FIRE BRICK MANUFACTURING OPERATIONS: HISTORIC FIRE BRICK MANUFACTURING OPERATIONS
- SITE LOCATION: SITE LOCATION
- NY TAX PARCELS: NY TAX PARCELS



dwg by: KBV
chk by: MKC
scale: AS NOTED
date: 6/23/2026

SESI CONSULTING ENGINEERS

GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 48E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

22-24 S WATER STREET
BLOCK 2, LOTS 3 AND 4
PEEKSKILL, WESTCHESTER COUNTY, NY

SOIL SAMPLE LOCATIONS AND
CONCENTRATIONS PLAN

project: 14373
drawing no:

FIG-3.1

Y:\GIS\Project_Numbers\14373\APPX_STANDARD_Fig_Pri_No.aprx, 6/23/2026 10:51 AM, Kim Vanderklein, LAYOUT: FIG-3.2

ANALYTE	CAS	UNITS	NY AWQS
SVOCs (SW846 8270E)			
Benzo(a)anthracene	56-55-3	ug/l	0.002
Benzo(a)pyrene	50-32-8	ug/l	ND
Benzo(b)fluoranthene	205-99-2	ug/l	0.002
Benzo(k)fluoranthene	207-08-9	ug/l	0.002
Chrysene	218-01-9	ug/l	0.002
Indeno(1,2,3-cd)pyrene	193-39-5	ug/l	0.002
METALS (SW846 6010D)			
Arsenic	7440-38-2	ug/l	25
Barium	7440-39-3	ug/l	1000
Beryllium	7440-41-7	ug/l	3
Cadmium	7440-43-9	ug/l	5
Chromium	7440-47-3	ug/l	50
Copper	7440-50-8	ug/l	200
Iron	7439-89-6	ug/l	300
Lead	7439-92-1	ug/l	25
Magnesium	7439-95-4	ug/l	35000
Manganese	7439-96-5	ug/l	300
Nickel	7440-02-0	ug/l	100
Sodium	7440-23-5	ug/l	20000
Zinc	7440-66-6	ug/l	2000
PFAS (EPA 1633)			
PFOA	335-67-1	ng/l	6.7
PFOS	1763-23-1	ng/l	2.7

NOTES:
ug/l = micrograms per liter
ng/l = nanograms per liter
NYSDEC = New York State Department of Environmental Conservation
NY AWQS = Lower of NYSDEC Ambient Water Quality Standards (6/04) and Guidance Values (2/23)
= Exceeds NY AWQS

NYS Education Law

Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

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NOTE:

THIS PLAN IS FOR LOCATING TEMPORARY WELL SAMPLES ONLY. OTHER SITE WORK SHOWN HERE NOT INTENDED FOR CONSTRUCTION

REFERENCE:

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LEGEND:

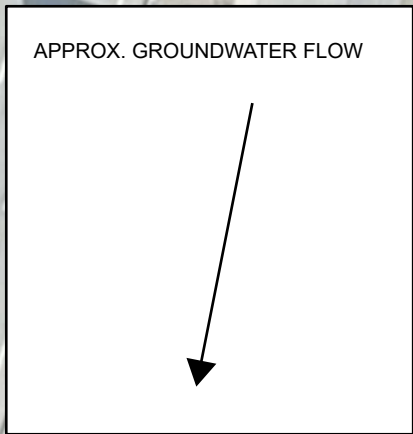
- SWP-5
TWP-5

SOIL BORING / TEMP WELL
NO. AND APPROX LOCATION
- FORMER KILN
- HISTORIC COAL STORAGE
AREA
- HISTORIC FIRE BRICK
MANUFACTURING
OPERATIONS
- SITE LOCATION
- NY TAX PARCELS

Sample ID:	TWP-6
Sample Date:	2/27/2026
SVOCs	
Benzo(a)anthracene	5.5
Benzo(a)pyrene	5.6
Benzo(b)fluoranthene	6.6
Benzo(k)fluoranthene	2.7
Chrysene	5.2
Indeno(1,2,3-cd)pyrene	3.3
METALS	
Arsenic	95.4
Barium	1120
Beryllium	8.7
Cadmium	5.7
Chromium	249
Copper	1680
Iron	739000
Lead	1970
Magnesium	79900
Manganese	13800
Nickel	334
Sodium	461000
Zinc	2720

Sample ID:	TWP-10
Sample Date:	2/27/2026
SVOCs	
Benzo(a)anthracene	1.6
Benzo(a)pyrene	1.6
Benzo(b)fluoranthene	1.6
Benzo(k)fluoranthene	0.8
Chrysene	1.6
Indeno(1,2,3-cd)pyrene	0.77
METALS	
Arsenic	149
Barium	1710
Beryllium	11.1
Chromium	320
Copper	528
Iron	507000
Lead	2300
Magnesium	107000
Manganese	10600
Nickel	367
Sodium	195000

Sample ID:	TWP-5
Sample Date:	2/27/2026
SVOCs	
Benzo(a)anthracene	0.5
Benzo(a)pyrene	0.41
Benzo(b)fluoranthene	0.47
Chrysene	0.33
METALS	
Iron	47000
Lead	126
Magnesium	61900
Manganese	1630
Sodium	1200000
PFAS	
PFOA	329
PFOS	317



SCALE: 1" = 50'



dwg by: KBV
chk by: MKC
scale: AS NOTED
date: 6/23/2026

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22-24 S WATER STREET
BLOCK 2, LOTS 3 AND 4
PEEKSKILL, WESTCHESTER COUNTY, NY

**GROUNDWATER SAMPLE LOCATIONS
AND CONCENTRATIONS PLAN**

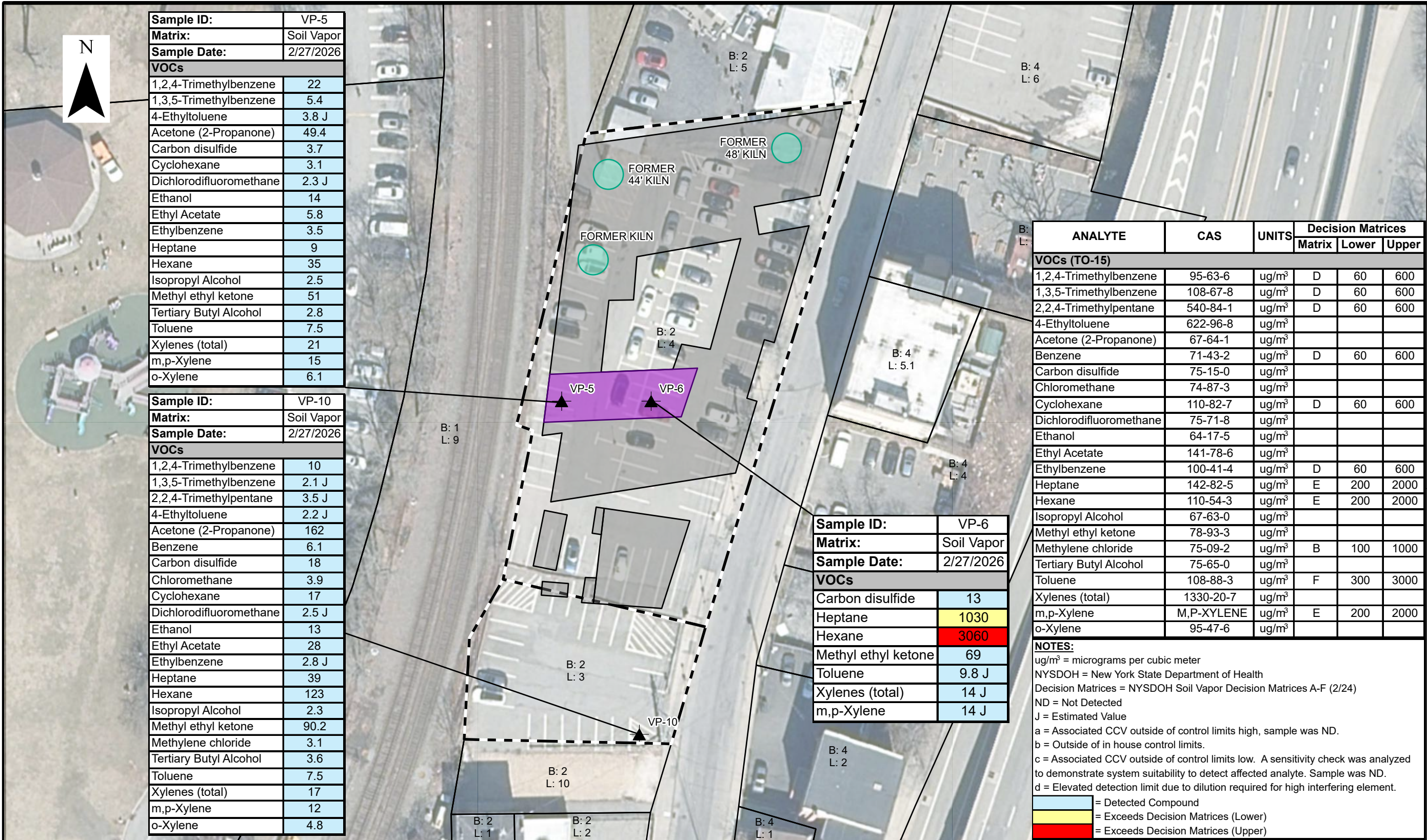
project:

job no.: 14373

drawing no:

FIG-3.2

Y:\GIS\Project_Numbers\14373\APRX_STANDARD_Fig_Prj_No.aprx, 6/23/2026 10:50 AM, Kim Vanderklein, LAYOUT: FIG-3.3



NYS Education Law

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NOTE:

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REFERENCE:

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dwg by: KBV
chk by: MKC
scale: AS NOTED
date: 6/23/2026

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22-24 S WATER STREET
BLOCK 2, LOTS 3 AND 4
PEEKSKILL, WESTCHESTER COUNTY, NY

SOIL VAPOR SAMPLING LOCATIONS AND CONCENTRATIONS PLAN

project:

job no.: 14373

drawing no:

FIG-3.3

APPENDIX A:

BORING LOGS

PROJECT LOCATION	22-24 South Water Street, Peekskill, NY		
ELEVATION DATUM	_____	GROUND ELEVATION	_____
DRILLING METHOD	Direct Push _____		
SAMPLE HAMMER	_____		
AUGER INNER DIAMETER	_____	OUTER DIAMETER	_____
ROTARY BIT DIAMETER	_____	DEPTH TO GROUNDWATER:	
CASING DIAMETER	_____	 AT TIME OF DRILLING	_____
CASING DEPTH	_____	 AT END OF DRILLING	_____
FINAL DEPTH	5.0± ft	 AFTER DRILLING	_____

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data				Remarks			
					Type	Rec. (in)	Moisture	Environmental Soil Sample Name		Blows/6-in Core time/ft	PID (ppm)	
		Asphalt		1	31		SB-1 4-4.5		0.0	Boring offset two times, same refusal		
		Fill:										0.0
		Reddish-brown coarse to fine SAND, little Gravel										0.0
		Yellow coarse to fine SILT, little Gravel										0.0
	-5	BOREHOLE COMPLETED AT 5± FEET	5									
	-10		10									
	-15		15									
	-20		20									
	-25		25									
	-30		30									

PROJECT LOCATION	22-24 South Water Street, Peekskill, NY		
ELEVATION DATUM	_____	GROUND ELEVATION	_____
DRILLING METHOD	Direct Push _____		
SAMPLE HAMMER	_____		
AUGER INNER DIAMETER	_____	OUTER DIAMETER	_____
ROTARY BIT DIAMETER	_____	DEPTH TO GROUNDWATER:	
CASING DIAMETER	_____	 AT TIME OF DRILLING	_____
CASING DEPTH	_____	 AT END OF DRILLING	_____
FINAL DEPTH	15.0± ft	 AFTER DRILLING	_____

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data						Remarks
					Type	Rec. (in)	Moisture	Environmental Soil Sample Name	Blows/6-in Core time/ft	PID (ppm)	
		Asphalt		1				SB-2 6-6.5		0.0	
		Fill:								0.0	
		Yellowish-brown Silty CLAY								0.0	
		Grayish-brown Silty CLAY								0.0	
		Fill:		0.0							
	-5		5	2			0.0				
		Grayish-brown coarse to fine SAND, some Silt					0.0				
							0.0				
							0.0				
	-10	Gray coarse to fine SAND, some Silt	10	3		Wet	0.0				
							0.0				
		Gray medium to fine SAND, some Silt					0.0				
		Grayish-brown Silty CLAY					0.0				
	-15	BOREHOLE COMPLETED AT 15± FEET	15				0.0				

PROJECT LOCATION 22-24 South Water Street, Peekskill, NY	
ELEVATION DATUM _____	GROUND ELEVATION _____
DRILLING METHOD Direct Push _____	
SAMPLE HAMMER _____	
AUGER INNER DIAMETER _____	OUTER DIAMETER _____
ROTARY BIT DIAMETER _____	DEPTH TO GROUNDWATER:
CASING DIAMETER _____	▽ AT TIME OF DRILLING _____
CASING DEPTH _____	▼ AT END OF DRILLING _____
FINAL DEPTH 15.0± ft	▽ AFTER DRILLING _____

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data						Remarks
					Type	Rec. (in)	Moisture	Environmental Soil Sample Name	Blows/6-in Core time/ft	PID (ppm)	
		Asphalt		1	30		SB-3 14.5-15			0.0	
		Fill: Crushed Brick								0.0	
		Asphalt								0.0	
-5		Fill: Crushed Brick	5	2	Moist					0.0	
		Brown Silty CLAY				0.0					
						0.0					
-10		Fill: Crushed Brick	10	3						0.0	
		Gray medium to fine Silty SAND				0.0					
						0.0					
-15		BOREHOLE COMPLETED AT 15± FEET	15				0.0				
	-20		20								
	-25		25								
	-30		30								

PROJECT NAME Peekskill, NY (MSquared)
PROJECT NO. 14373
DATE STARTED 02-27-2026 **COMPLETED** 02-27-2026
DRILLING CONTRACTOR PG Environmental
SAMPLER Macrocore
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY D. Lamphere **CHECKED BY** M. Chorazak
LATITUDE **LONGITUDE**

PROJECT LOCATION 22-24 South Water Street, Peekskill, NY
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ☐ AT TIME OF DRILLING
CASING DEPTH ☒ AT END OF DRILLING
FINAL DEPTH 15.0± ft ☒ AFTER DRILLING

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data					Remarks	
					Type	Rec. (in)	Moisture	Environmental Soil Sample Name	Blows/6-in Core time/ft		PID (ppm)
		Asphalt		1		28		SB-4 8-8.5		0.0	
		Fill:								0.0	
		Asphalt								0.0	
	-5		5				0.0				
		Grayish -green Silty CLAY		2		Moist	0.0				
							0.0				
		Fill					0.0				
	-10	Greenish-brown Silty CLAY	10			Wet	0.0				
							0.0				
		Brown medium to fine SAND, some Silt					0.0				
		Blueish-gray Silty CLAY		3		Moist	0.0				
	-15		15				0.0				
		BOREHOLE COMPLETED AT 15± FEET									
	-20		20								
	-25		25								
	-30		30								

PROJECT LOCATION	22-24 South Water Street, Peekskill, NY		
ELEVATION DATUM	_____	GROUND ELEVATION	_____
DRILLING METHOD	Direct Push _____		
SAMPLE HAMMER	_____		
AUGER INNER DIAMETER	_____	OUTER DIAMETER	_____
ROTARY BIT DIAMETER	_____	DEPTH TO GROUNDWATER:	
CASING DIAMETER	_____	 AT TIME OF DRILLING	_____
CASING DEPTH	_____	 AT END OF DRILLING	_____
FINAL DEPTH	15.0± ft	 AFTER DRILLING	_____

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	SAND Data				Remarks	
					Type	Rec. (in)	Moisture	Environmental Soil Sample Name		Blows/6-in Core time/ft
		Asphalt		1	44		SB-6 14-14.5		0.0	
		Fill:								0.0
		Dark reddish-brown coarse to fine SAND, little Silt, little Gravel								0.0
		Light brown Silty CLAY							Moist	0.0
	-5	Dark brown coarse to fine SAND, little Silt, trace fine Gravel	5	2					0.0	
		Light brown Silty CLAY				Moist			0.0	
		Dark gray coarse to fine SAND, some Silt, little coarse to fine Gravel							0.0	
		Dark gray coarse to fine SAND, some Silt, little coarse to fine Gravel, trace Organics							0.0	
		Asphalt Millings			Wet	0.0				
	-10	Asphalt Millings	10						0.0	
		Dark gray Silty SAND, little medium to fine Gravel							0.0	
		Gray coarse to fine Silty SAND, coarse to fine Gravel							0.0	
		Gray medium to fine Silty SAND, coarse to fine Gravel							0.0	
	-15	----- BOREHOLE COMPLETED AT 15± FEET -----	15						0.0	
	-20		20							
	-25		25							
	-30		30							

PROJECT LOCATION	22-24 South Water Street, Peekskill, NY		
ELEVATION DATUM	_____	GROUND ELEVATION	_____
DRILLING METHOD	Direct Push _____		
SAMPLE HAMMER	_____		
AUGER INNER DIAMETER	_____	OUTER DIAMETER	_____
ROTARY BIT DIAMETER	_____	DEPTH TO GROUNDWATER:	
CASING DIAMETER	_____	▽ AT TIME OF DRILLING	_____
CASING DEPTH	_____	▼ AT END OF DRILLING	_____
FINAL DEPTH	15.0± ft	▽ AFTER DRILLING	_____

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data						Remarks
					Type	Rec. (in)	Moisture	Environmental Soil Sample Name	Blows/6-in Core time/ft	PID (ppm)	
		Asphalt		1		43		SB-7 4-4.5		0.0	
		Fill: Concrete debris, crushed Brick, and Coal apparent								0.0	
										0.0	
				0.0							
	-5	Dark brown medium to fine Silty CLAY, little Gravel, trace Organics Tannish-brown to dark brown Silty SAND, trace Gravel	5		Moist	0.0					
				2			0.0				
		Dark brown coarse to fine SAND, some Silt					0.0				
							0.0				
							0.0				
	-10	Asphalt Millings Dark gray medium to fine SAND, some Silt	10		Wet	0.0					
				3			0.0				
		Dark gray coarse to fine Silty SAND, some Gravel, trace Organics					0.0				
							0.0				
	-15	BOREHOLE COMPLETED AT 15± FEET		15			0.0				
	-20										
	-25										
	-30										

PROJECT NAME Peekskill, NY (MSquared)
PROJECT NO. 14373
DATE STARTED 02-27-2026 **COMPLETED** 02-27-2026
DRILLING CONTRACTOR PG Environmental
SAMPLER Macrocore
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY D. Lamphere **CHECKED BY** M. Chorazak
LATITUDE **LONGITUDE**

PROJECT LOCATION 22-24 South Water Street, Peekskill, NY
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ∇ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 15.0± ft ▼ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data					Remarks
					Type	Rec. (in)	Moisture	Environmental Soil Sample Name	Blows/6-in Core time/ft	
		Asphalt								
		Fill:								
		Light brown coarse to fine Sand, some coarse to fine Gravel, little Silt		1	40					
		Fill: Crushed Brick present								
	-5	Dark brown coarse to fine Sand, some coarse to fine Gravel, little Silt	5							
		Reddish-brown coarse to fine Sand, some coarse to fine Gravel, little Silt								
		Rock		2			Wet			
		Dark brown Silty Clay, trace Organics								
		Grayish-brown coarse to fine Sand, some coarse to fine Gravel, little Silt								
	-10	Gray Sandy Clay, some coarse to fine Gravel, some Silt	10							
		Gray medium to fine Silty Sand		3			Moist			
	-15	BOREHOLE COMPLETED AT 15± FEET								
	-20		20							
	-25		25							
	-30		30							

PROJECT NAME Peekskill, NY (MSquared)
PROJECT NO. 14373
DATE STARTED 02-27-2026 **COMPLETED** 02-27-2026
DRILLING CONTRACTOR PG Environmental
SAMPLER Macrocore
EQUIPMENT
DRILLING FOREMAN **HELPER**
LOGGED BY D. Lamphere **CHECKED BY** M. Chorazak
LATITUDE **LONGITUDE**

PROJECT LOCATION 22-24 South Water Street, Peekskill, NY
ELEVATION DATUM **GROUND ELEVATION**
DRILLING METHOD Direct Push
SAMPLE HAMMER
AUGER INNER DIAMETER **OUTER DIAMETER**
ROTARY BIT DIAMETER **DEPTH TO GROUNDWATER:**
CASING DIAMETER ∇ **AT TIME OF DRILLING**
CASING DEPTH ▼ **AT END OF DRILLING**
FINAL DEPTH 15.0± ft ∇ **AFTER DRILLING**

Material Symbol	EL (ft)	Sample Description	Depth (ft)	Sleeve Number	Sample Data					Remarks
					Type	Rec (in)	Moisture	Environmental Soil Sample Name	Blows/6-in Core time/ft	
		Asphalt								
		Fill:								
		3" Rock		1	30					
		Fill:								
	-5	Light brown coarse to fine Sand, little Silt, some coarse to fine Gravel, trace Organics	5							
		Dark brown coarse to fine Sand, little Silt, some coarse to fine Gravel		2						
	-10	Gray coarse to fine Sand, some Silt, little coarse to fine Gravel	10							
		Gray Sandy Clay, some Silt, some coarse to fine Gravel		3						
		Gray medium to fine Sand, some Silt								
	-15	BOREHOLE COMPLETED AT 15± FEET		15						
	-20		20							
	-25		25							
	-30		30							

APPENDIX B:
LABORATORY REPORTS

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

SESI Consulting Engineers

14373, Peekskill Phase II, NY

SGS Job Number: JE29035

Sampling Date: 02/27/26

Report to:

SESI Consulting Engineers
959 Route 46E 3rd Floor
Parsippany, NJ 07054
marykate.chorazak@sesi.org

ATTN: MaryKate Chorazak

Total number of pages in report: 42



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Louie Devletter 732-329-0200

Certifications: NJ(12129),NY(10983),CA,CO,CT,FL,HI,IL,IN,KY,LA (120428),MA,MD,ME,MN,NC,NH,NV, AK (UST-103),AZ (AZ0786),PA(68-00408),RI,SC,TX (T104704234),UT,VA,WA,WV

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Test results relate only to samples analyzed.

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START SURVEY

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Section 3: Summary of Hits 5

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Sample Summary

SESI Consulting Engineers
14373, Peekskill Phase II, NY

Job No: JE29035

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

JE29035-1	02/27/26	15:37	FAV	02/28/26	AIR	Soil Vapor Comp.	VP-5
JE29035-2	02/27/26	15:49	FAV	02/28/26	AIR	Soil Vapor Comp.	VP-6
JE29035-3	02/27/26	16:20	FAV	02/28/26	AIR	Soil Vapor Comp.	VP-10

CASE NARRATIVE / CONFORMANCE SUMMARY

Client: SESI Consulting Engineers

Job No: JE29035

Site: 14373, Peekskill Phase II, NY

Report Date 3/6/2026 11:00:56 AM

On 02/28/2026, 3 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. An SGS Job Number of JE29035 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method TO-15

Matrix: AIR

Batch ID: V8W444

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE28940-1DUP were used as the QC samples indicated.
- The duplicate RPD(s) for Tetrachloroethylene are outside control limits for sample JE28940-1DUP.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

Friday, March 6, 2026

Page 1 of 1

Summary of Hits

Job Number: JE29035
Account: SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY
Collected: 02/27/26



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JE29035-1 VP-5						
Acetone (2-Propanone)		20.8	0.80	0.58	ppbv	TO-15
Carbon disulfide		1.2	0.80	0.45	ppbv	TO-15
Cyclohexane		0.89	0.80	0.18	ppbv	TO-15
Dichlorodifluoromethane		0.46 J	0.80	0.42	ppbv	TO-15
Ethanol		7.2	2.0	1.6	ppbv	TO-15
Ethylbenzene		0.81	0.80	0.24	ppbv	TO-15
Ethyl Acetate		1.6	0.80	0.42	ppbv	TO-15
4-Ethyltoluene		0.77 J	0.80	0.38	ppbv	TO-15
Heptane		2.2	0.80	0.36	ppbv	TO-15
Hexane		10	0.80	0.21	ppbv	TO-15
Isopropyl Alcohol		1.0	0.80	0.56	ppbv	TO-15
Methyl ethyl ketone		17.3	0.80	0.21	ppbv	TO-15
1,2,4-Trimethylbenzene		4.4	0.80	0.35	ppbv	TO-15
1,3,5-Trimethylbenzene		1.1	0.80	0.32	ppbv	TO-15
Tertiary Butyl Alcohol		0.94	0.80	0.37	ppbv	TO-15
Toluene		2.0	0.80	0.23	ppbv	TO-15
m,p-Xylene		3.5	0.80	0.56	ppbv	TO-15
o-Xylene		1.4	0.80	0.31	ppbv	TO-15
Xylenes (total)		4.9	0.80	0.31	ppbv	TO-15
Acetone (2-Propanone)		49.4	1.9	1.4	ug/m3	TO-15
Carbon disulfide		3.7	2.5	1.4	ug/m3	TO-15
Cyclohexane		3.1	2.8	0.62	ug/m3	TO-15
Dichlorodifluoromethane		2.3 J	4.0	2.1	ug/m3	TO-15
Ethanol		14	3.8	3.0	ug/m3	TO-15
Ethylbenzene		3.5	3.5	1.0	ug/m3	TO-15
Ethyl Acetate		5.8	2.9	1.5	ug/m3	TO-15
4-Ethyltoluene		3.8 J	3.9	1.9	ug/m3	TO-15
Heptane		9.0	3.3	1.5	ug/m3	TO-15
Hexane		35	2.8	0.74	ug/m3	TO-15
Isopropyl Alcohol		2.5	2.0	1.4	ug/m3	TO-15
Methyl ethyl ketone		51.0	2.4	0.62	ug/m3	TO-15
1,2,4-Trimethylbenzene		22	3.9	1.7	ug/m3	TO-15
1,3,5-Trimethylbenzene		5.4	3.9	1.6	ug/m3	TO-15
Tertiary Butyl Alcohol		2.8	2.4	1.1	ug/m3	TO-15
Toluene		7.5	3.0	0.87	ug/m3	TO-15
m,p-Xylene		15	3.5	2.4	ug/m3	TO-15
o-Xylene		6.1	3.5	1.3	ug/m3	TO-15
Xylenes (total)		21	3.5	1.3	ug/m3	TO-15
JE29035-2 VP-6						
Carbon disulfide		4.2	4.0	2.3	ppbv	TO-15
Heptane		251	4.0	1.8	ppbv	TO-15

Summary of Hits

Job Number: JE29035
Account: SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY
Collected: 02/27/26



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Hexane		868	4.0	1.0	ppbv	TO-15
Methyl ethyl ketone		23.4	4.0	1.0	ppbv	TO-15
Toluene		2.6 J	4.0	1.1	ppbv	TO-15
m,p-Xylene		3.3 J	4.0	2.8	ppbv	TO-15
Xylenes (total)		3.3 J	4.0	1.5	ppbv	TO-15
Carbon disulfide		13	12	7.2	ug/m3	TO-15
Heptane		1030	16	7.4	ug/m3	TO-15
Hexane		3060	14	3.5	ug/m3	TO-15
Methyl ethyl ketone		69.0	12	2.9	ug/m3	TO-15
Toluene		9.8 J	15	4.1	ug/m3	TO-15
m,p-Xylene		14 J	17	12	ug/m3	TO-15
Xylenes (total)		14 J	17	6.5	ug/m3	TO-15
JE29035-3 VP-10						
Acetone (2-Propanone)		68.3	0.80	0.58	ppbv	TO-15
Benzene		1.9	0.80	0.19	ppbv	TO-15
Carbon disulfide		5.7	0.80	0.45	ppbv	TO-15
Chloromethane		1.9	0.80	0.36	ppbv	TO-15
Cyclohexane		4.8	0.80	0.18	ppbv	TO-15
Dichlorodifluoromethane		0.50 J	0.80	0.42	ppbv	TO-15
Ethanol		6.8	2.0	1.6	ppbv	TO-15
Ethylbenzene		0.65 J	0.80	0.24	ppbv	TO-15
Ethyl Acetate		7.7	0.80	0.42	ppbv	TO-15
4-Ethyltoluene		0.44 J	0.80	0.38	ppbv	TO-15
Heptane		9.6	0.80	0.36	ppbv	TO-15
Hexane		35.0	0.80	0.21	ppbv	TO-15
Isopropyl Alcohol		0.94	0.80	0.56	ppbv	TO-15
Methylene chloride		0.90	0.80	0.53	ppbv	TO-15
Methyl ethyl ketone		30.6	0.80	0.21	ppbv	TO-15
1,2,4-Trimethylbenzene		2.1	0.80	0.35	ppbv	TO-15
1,3,5-Trimethylbenzene		0.43 J	0.80	0.32	ppbv	TO-15
2,2,4-Trimethylpentane		0.74 J	0.80	0.16	ppbv	TO-15
Tertiary Butyl Alcohol		1.2	0.80	0.37	ppbv	TO-15
Toluene		2.0	0.80	0.23	ppbv	TO-15
m,p-Xylene		2.8	0.80	0.56	ppbv	TO-15
o-Xylene		1.1	0.80	0.31	ppbv	TO-15
Xylenes (total)		3.9	0.80	0.31	ppbv	TO-15
Acetone (2-Propanone)		162	1.9	1.4	ug/m3	TO-15
Benzene		6.1	2.6	0.61	ug/m3	TO-15
Carbon disulfide		18	2.5	1.4	ug/m3	TO-15
Chloromethane		3.9	1.7	0.74	ug/m3	TO-15
Cyclohexane		17	2.8	0.62	ug/m3	TO-15
Dichlorodifluoromethane		2.5 J	4.0	2.1	ug/m3	TO-15
Ethanol		13	3.8	3.0	ug/m3	TO-15

Summary of Hits

Job Number: JE29035
Account: SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY
Collected: 02/27/26



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethylbenzene		2.8 J	3.5	1.0	ug/m3	TO-15
Ethyl Acetate		28	2.9	1.5	ug/m3	TO-15
4-Ethyltoluene		2.2 J	3.9	1.9	ug/m3	TO-15
Heptane		39	3.3	1.5	ug/m3	TO-15
Hexane		123	2.8	0.74	ug/m3	TO-15
Isopropyl Alcohol		2.3	2.0	1.4	ug/m3	TO-15
Methylene chloride		3.1	2.8	1.8	ug/m3	TO-15
Methyl ethyl ketone		90.2	2.4	0.62	ug/m3	TO-15
1,2,4-Trimethylbenzene		10	3.9	1.7	ug/m3	TO-15
1,3,5-Trimethylbenzene		2.1 J	3.9	1.6	ug/m3	TO-15
2,2,4-Trimethylpentane		3.5 J	3.7	0.75	ug/m3	TO-15
Tertiary Butyl Alcohol		3.6	2.4	1.1	ug/m3	TO-15
Toluene		7.5	3.0	0.87	ug/m3	TO-15
m,p-Xylene		12	3.5	2.4	ug/m3	TO-15
o-Xylene		4.8	3.5	1.3	ug/m3	TO-15
Xylenes (total)		17	3.5	1.3	ug/m3	TO-15



Dayton, NJ

Section 4

4

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	VP-5	Date Sampled:	02/27/26
Lab Sample ID:	JE29035-1	Date Received:	02/28/26
Matrix:	AIR - Soil Vapor Comp. Summa ID: A2237	Percent Solids:	n/a
Method:	TO-15		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	8W12228.D	1	03/05/26 00:53	WC	n/a	n/a	V8W444
Run #2							

Run #	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	20.8	0.80	0.58	ppbv		49.4	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	ND	0.80	0.19	ppbv		ND	2.6	0.61	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	1.2	0.80	0.45	ppbv		3.7	2.5	1.4	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	ND	0.80	0.36	ppbv		ND	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	0.89	0.80	0.18	ppbv		3.1	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.19	ppbv		ND	2.9	0.68	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.46	0.80	0.42	ppbv	J	2.3	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.40	0.49	ppbv		ND	3.4	4.2	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.12	ppbv		ND	0.63	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.11	ppbv		ND	2.4	0.66	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.28	ppbv		ND	0.96	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.32	ppbv		ND	2.4	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	VP-5	Date Sampled:	02/27/26
Lab Sample ID:	JE29035-1	Date Received:	02/28/26
Matrix:	AIR - Soil Vapor Comp. Summa ID: A2237	Percent Solids:	n/a
Method:	TO-15		
Project:	14373, Peekskill Phase II, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	7.2	2.0	1.6	ppbv		14	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	0.81	0.80	0.24	ppbv		3.5	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	1.6	0.80	0.42	ppbv		5.8	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	0.77	0.80	0.38	ppbv	J	3.8	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	2.2	0.80	0.36	ppbv		9.0	3.3	1.5	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	10	0.80	0.21	ppbv		35	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	1.0	0.80	0.56	ppbv		2.5	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	ND	0.80	0.53	ppbv		ND	2.8	1.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	17.3	0.80	0.21	ppbv		51.0	2.4	0.62	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	ND	2.0	0.19	ppbv		ND	3.4	0.33	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.21	ppbv		ND	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.31	ppbv		ND	2.2	1.7	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	4.4	0.80	0.35	ppbv		22	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	1.1	0.80	0.32	ppbv		5.4	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	0.94	0.80	0.37	ppbv		2.8	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.16	0.12	ppbv		ND	1.1	0.81	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	2.0	0.80	0.23	ppbv		7.5	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.40	0.23	ppbv		ND	2.2	1.3	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	3.5	0.80	0.56	ppbv		15	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	1.4	0.80	0.31	ppbv		6.1	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	4.9	0.80	0.31	ppbv		21	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	105%		65-128%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	VP-6	Date Sampled:	02/27/26
Lab Sample ID:	JE29035-2	Date Received:	02/28/26
Matrix:	AIR - Soil Vapor Comp. Summa ID: A2565	Percent Solids:	n/a
Method:	TO-15		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	8W12230.D	1	03/05/26 02:02	WC	n/a	n/a	V8W444
Run #2							

	Initial Volume
Run #1	20.0 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	ND	4.0	2.9	ppbv		ND	9.5	6.9	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	4.0	1.7	ppbv		ND	8.8	3.8	ug/m3
71-43-2	78.11	Benzene	ND	4.0	0.94	ppbv		ND	13	3.0	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	2.0	0.60	ppbv		ND	13	4.0	ug/m3
75-25-2	252.8	Bromoform	ND	0.80	1.4	ppbv		ND	8.3	14	ug/m3
74-83-9	94.94	Bromomethane	ND	4.0	1.4	ppbv		ND	16	5.4	ug/m3
593-60-2	106.9	Bromoethene	ND	4.0	1.2	ppbv		ND	17	5.2	ug/m3
100-44-7	126	Benzyl Chloride	ND	4.0	2.5	ppbv		ND	21	13	ug/m3
75-15-0	76.14	Carbon disulfide	4.2	4.0	2.3	ppbv		13	12	7.2	ug/m3
108-90-7	112.6	Chlorobenzene	ND	4.0	1.5	ppbv		ND	18	6.9	ug/m3
75-00-3	64.52	Chloroethane	ND	4.0	1.4	ppbv		ND	11	3.7	ug/m3
67-66-3	119.4	Chloroform	ND	4.0	0.74	ppbv		ND	20	3.6	ug/m3
74-87-3	50.49	Chloromethane	ND	4.0	1.8	ppbv		ND	8.3	3.7	ug/m3
107-05-1	76.53	3-Chloropropene	ND	4.0	1.7	ppbv		ND	13	5.3	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	4.0	1.4	ppbv		ND	21	7.2	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.80	0.80	ppbv		ND	5.0	5.0	ug/m3
110-82-7	84.16	Cyclohexane	ND	4.0	0.90	ppbv		ND	14	3.1	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	4.0	1.1	ppbv		ND	16	4.5	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.80	1.2	ppbv		ND	3.2	4.8	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	2.0	0.60	ppbv		ND	15	4.6	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	4.0	1.4	ppbv		ND	16	5.7	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	4.0	1.2	ppbv		ND	18	5.5	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	4.0	0.96	ppbv		ND	14	3.5	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	ND	4.0	2.1	ppbv		ND	20	10	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	2.0	2.4	ppbv		ND	17	20	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	4.0	1.4	ppbv		ND	16	5.6	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.80	0.60	ppbv		ND	3.2	2.4	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	4.0	1.2	ppbv		ND	18	5.4	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	2.0	0.56	ppbv		ND	12	3.4	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.80	1.4	ppbv		ND	4.8	8.4	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	2.0	1.6	ppbv		ND	12	9.6	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	4.0	2.0	ppbv		ND	18	9.1	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	VP-6	Date Sampled:	02/27/26
Lab Sample ID:	JE29035-2	Date Received:	02/28/26
Matrix:	AIR - Soil Vapor Comp. Summa ID: A2565	Percent Solids:	n/a
Method:	TO-15		
Project:	14373, Peekskill Phase II, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	ND	10	7.9	ppbv		ND	19	15	ug/m3
100-41-4	106.2	Ethylbenzene	ND	4.0	1.2	ppbv		ND	17	5.2	ug/m3
141-78-6	88	Ethyl Acetate	ND	4.0	2.1	ppbv		ND	14	7.6	ug/m3
622-96-8	120.19	4-Ethyltoluene	ND	4.0	1.9	ppbv		ND	20	9.3	ug/m3
76-13-1	187.4	Freon 113	ND	2.0	0.62	ppbv		ND	15	4.8	ug/m3
76-14-2	170.9	Freon 114	ND	2.0	1.0	ppbv		ND	14	7.0	ug/m3
142-82-5	100.2	Heptane	251	4.0	1.8	ppbv		1030	16	7.4	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	1.8	1.2	ppbv		ND	19	13	ug/m3
110-54-3	86.18	Hexane	868	4.0	1.0	ppbv		3060	14	3.5	ug/m3
591-78-6	100	2-Hexanone	ND	4.0	2.9	ppbv		ND	16	12	ug/m3
67-63-0	60.1	Isopropyl Alcohol	ND	4.0	2.8	ppbv		ND	9.8	6.9	ug/m3
75-09-2	84.94	Methylene chloride	ND	4.0	2.7	ppbv		ND	14	9.4	ug/m3
78-93-3	72.11	Methyl ethyl ketone	23.4	4.0	1.0	ppbv		69.0	12	2.9	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	4.0	1.5	ppbv		ND	16	6.1	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	4.0	1.6	ppbv		ND	14	5.8	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	4.0	1.4	ppbv		ND	16	5.7	ug/m3
115-07-1	42	Propylene	ND	10	0.96	ppbv		ND	17	1.6	ug/m3
100-42-5	104.1	Styrene	ND	4.0	1.1	ppbv		ND	17	4.7	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	2.0	1.6	ppbv		ND	11	8.7	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	2.0	0.96	ppbv		ND	14	6.6	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	2.0	0.76	ppbv		ND	11	4.1	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	2.0	2.4	ppbv		ND	15	18	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	ND	4.0	1.7	ppbv		ND	20	8.4	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	ND	4.0	1.6	ppbv		ND	20	7.9	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	ND	4.0	0.80	ppbv		ND	19	3.7	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	ND	4.0	1.9	ppbv		ND	12	5.8	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.80	0.60	ppbv		ND	5.4	4.1	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	4.0	1.8	ppbv		ND	12	5.3	ug/m3
108-88-3	92.14	Toluene	2.6	4.0	1.1	ppbv	J	9.8	15	4.1	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.80	0.38	ppbv		ND	4.3	2.0	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	2.0	1.1	ppbv		ND	11	6.2	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.80	1.4	ppbv		ND	2.0	3.6	ug/m3
108-05-4	86	Vinyl Acetate	ND	4.0	2.2	ppbv		ND	14	7.7	ug/m3
	106.2	m,p-Xylene	3.3	4.0	2.8	ppbv	J	14	17	12	ug/m3
95-47-6	106.2	o-Xylene	ND	4.0	1.5	ppbv		ND	17	6.5	ug/m3
1330-20-7	106.2	Xylenes (total)	3.3	4.0	1.5	ppbv	J	14	17	6.5	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	103%		65-128%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	VP-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29035-3	Date Received:	02/28/26
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1888	Percent Solids:	n/a
Method:	TO-15		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	8W12229.D	1	03/05/26 01:28	WC	n/a	n/a	V8W444
Run #2							

	Initial Volume
Run #1	100 ml
Run #2	

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
67-64-1	58.08	Acetone (2-Propanone)	68.3	0.80	0.58	ppbv		162	1.9	1.4	ug/m3
106-99-0	54.09	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	0.75	ug/m3
71-43-2	78.11	Benzene	1.9	0.80	0.19	ppbv		6.1	2.6	0.61	ug/m3
75-27-4	163.8	Bromodichloromethane	ND	0.40	0.12	ppbv		ND	2.7	0.80	ug/m3
75-25-2	252.8	Bromoform	ND	0.16	0.28	ppbv		ND	1.7	2.9	ug/m3
74-83-9	94.94	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	1.1	ug/m3
593-60-2	106.9	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	1.0	ug/m3
100-44-7	126	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	2.6	ug/m3
75-15-0	76.14	Carbon disulfide	5.7	0.80	0.45	ppbv		18	2.5	1.4	ug/m3
108-90-7	112.6	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	1.4	ug/m3
75-00-3	64.52	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	0.71	ug/m3
67-66-3	119.4	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	0.73	ug/m3
74-87-3	50.49	Chloromethane	1.9	0.80	0.36	ppbv		3.9	1.7	0.74	ug/m3
107-05-1	76.53	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	1.0	ug/m3
95-49-8	126.6	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	1.5	ug/m3
56-23-5	153.8	Carbon tetrachloride	ND	0.16	0.16	ppbv		ND	1.0	1.0	ug/m3
110-82-7	84.16	Cyclohexane	4.8	0.80	0.18	ppbv		17	2.8	0.62	ug/m3
75-34-3	98.96	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	0.93	ug/m3
75-35-4	96.94	1,1-Dichloroethylene	ND	0.16	0.24	ppbv		ND	0.63	0.95	ug/m3
106-93-4	187.9	1,2-Dibromoethane (EDB)	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
107-06-2	98.96	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
78-87-5	113	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	1.2	ug/m3
123-91-1	88.12	1,4-Dioxane	ND	0.80	0.19	ppbv		ND	2.9	0.68	ug/m3
75-71-8	120.9	Dichlorodifluoromethane	0.50	0.80	0.42	ppbv	J	2.5	4.0	2.1	ug/m3
124-48-1	208.3	Dibromochloromethane	ND	0.40	0.49	ppbv		ND	3.4	4.2	ug/m3
156-60-5	96.94	trans-1,2-Dichloroethylene	ND	0.80	0.28	ppbv		ND	3.2	1.1	ug/m3
156-59-2	96.94	cis-1,2-Dichloroethylene	ND	0.16	0.12	ppbv		ND	0.63	0.48	ug/m3
10061-01-5	111	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	1.1	ug/m3
541-73-1	147	m-Dichlorobenzene	ND	0.40	0.11	ppbv		ND	2.4	0.66	ug/m3
95-50-1	147	o-Dichlorobenzene	ND	0.16	0.28	ppbv		ND	0.96	1.7	ug/m3
106-46-7	147	p-Dichlorobenzene	ND	0.40	0.32	ppbv		ND	2.4	1.9	ug/m3
10061-02-6	111	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	1.8	ug/m3

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	VP-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29035-3	Date Received:	02/28/26
Matrix:	AIR - Soil Vapor Comp. Summa ID: A1888	Percent Solids:	n/a
Method:	TO-15		
Project:	14373, Peekskill Phase II, NY		

VOA TO15 List

CAS No.	MW	Compound	Result	RL	MDL	Units	Q	Result	RL	MDL	Units
64-17-5	46.07	Ethanol	6.8	2.0	1.6	ppbv		13	3.8	3.0	ug/m3
100-41-4	106.2	Ethylbenzene	0.65	0.80	0.24	ppbv	J	2.8	3.5	1.0	ug/m3
141-78-6	88	Ethyl Acetate	7.7	0.80	0.42	ppbv		28	2.9	1.5	ug/m3
622-96-8	120.19	4-Ethyltoluene	0.44	0.80	0.38	ppbv	J	2.2	3.9	1.9	ug/m3
76-13-1	187.4	Freon 113	ND	0.40	0.12	ppbv		ND	3.1	0.92	ug/m3
76-14-2	170.9	Freon 114	ND	0.40	0.20	ppbv		ND	2.8	1.4	ug/m3
142-82-5	100.2	Heptane	9.6	0.80	0.36	ppbv		39	3.3	1.5	ug/m3
87-68-3	260.8	Hexachlorobutadiene	ND	0.36	0.25	ppbv		ND	3.8	2.7	ug/m3
110-54-3	86.18	Hexane	35.0	0.80	0.21	ppbv		123	2.8	0.74	ug/m3
591-78-6	100	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	2.4	ug/m3
67-63-0	60.1	Isopropyl Alcohol	0.94	0.80	0.56	ppbv		2.3	2.0	1.4	ug/m3
75-09-2	84.94	Methylene chloride	0.90	0.80	0.53	ppbv		3.1	2.8	1.8	ug/m3
78-93-3	72.11	Methyl ethyl ketone	30.6	0.80	0.21	ppbv		90.2	2.4	0.62	ug/m3
108-10-1	100.2	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	1.2	ug/m3
1634-04-4	88.15	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	1.2	ug/m3
80-62-6	100.12	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	1.1	ug/m3
115-07-1	42	Propylene	ND	2.0	0.19	ppbv		ND	3.4	0.33	ug/m3
100-42-5	104.1	Styrene	ND	0.80	0.21	ppbv		ND	3.4	0.89	ug/m3
71-55-6	133.4	1,1,1-Trichloroethane	ND	0.40	0.31	ppbv		ND	2.2	1.7	ug/m3
79-34-5	167.85	1,1,2,2-Tetrachloroethane	ND	0.40	0.19	ppbv		ND	2.7	1.3	ug/m3
79-00-5	133.4	1,1,2-Trichloroethane	ND	0.40	0.15	ppbv		ND	2.2	0.82	ug/m3
120-82-1	181.5	1,2,4-Trichlorobenzene	ND	0.40	0.48	ppbv		ND	3.0	3.6	ug/m3
95-63-6	120.19	1,2,4-Trimethylbenzene	2.1	0.80	0.35	ppbv		10	3.9	1.7	ug/m3
108-67-8	120.19	1,3,5-Trimethylbenzene	0.43	0.80	0.32	ppbv	J	2.1	3.9	1.6	ug/m3
540-84-1	114.2	2,2,4-Trimethylpentane	0.74	0.80	0.16	ppbv	J	3.5	3.7	0.75	ug/m3
75-65-0	74.12	Tertiary Butyl Alcohol	1.2	0.80	0.37	ppbv		3.6	2.4	1.1	ug/m3
127-18-4	165.8	Tetrachloroethylene	ND	0.16	0.12	ppbv		ND	1.1	0.81	ug/m3
109-99-9	72.11	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	1.1	ug/m3
108-88-3	92.14	Toluene	2.0	0.80	0.23	ppbv		7.5	3.0	0.87	ug/m3
79-01-6	131.4	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	0.41	ug/m3
75-69-4	137.4	Trichlorofluoromethane	ND	0.40	0.23	ppbv		ND	2.2	1.3	ug/m3
75-01-4	62.5	Vinyl chloride	ND	0.16	0.28	ppbv		ND	0.41	0.72	ug/m3
108-05-4	86	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	1.6	ug/m3
	106.2	m,p-Xylene	2.8	0.80	0.56	ppbv		12	3.5	2.4	ug/m3
95-47-6	106.2	o-Xylene	1.1	0.80	0.31	ppbv		4.8	3.5	1.3	ug/m3
1330-20-7	106.2	Xylenes (total)	3.9	0.80	0.31	ppbv		17	3.5	1.3	ug/m3

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	104%		65-128%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Summa Canister and Flow Controller Log

AIR CHAIN OF CUSTODY

PAGE ____ **OF** ____

SGS North America Inc. - Dayton
2235 Route 130, Dayton, NJ 08810
TEL. 732-329-0200
www.sgs.com/ehsusa

#Ex Tracking # 487380109700	Bottle Order Control # SY-022526-12
SGS Quote #	SGS Job # JE29035

[illegible]

Form: SM088-03D (revised 2-12-18)

<http://www.sgs.com/en/terms-and-conditions>

JE29035: Chain of Custody

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SGS

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JE29035

SGS Sample Receipt Summary

Job Number: JE29035 **Client:** SESI CONSULTING ENGINEERS **Project:** 14373, PEEKSKILL, NY
Date / Time Received: 2/28/2026 10:00:00 AM **Delivery Method:** FEDEX **Airbill #s:** 487380909700

Cooler Temps (Raw Measured) °C:

Cooler Temps (Corrected) °C:

<u>Cooler Security</u>	<u>Y</u>	<u>or</u>	<u>N</u>		<u>Y</u>	<u>or</u>	<u>N</u>
1. Custody Seals Present:	☒		☐	3. COC Present:	☒		☐
2. Custody Seals Intact:	☒		☐	4. Smpl Dates/Time OK	☒		☐

<u>Cooler Temperature</u>	<u>Y</u>	<u>or</u>	<u>N</u>
1. Temp criteria achieved:	☐		☐
2. Cooler temp verification:	N/A		
3. Cooler media:	N/A		
4. No. Coolers:	N/A		

<u>Quality Control Preservation</u>	<u>Y</u>	<u>or</u>	<u>N</u>	<u>N/A</u>
1. Trip Blank present / cooler:	☐		☐	☒
2. Trip Blank listed on COC:	☐		☐	☒
3. Samples preserved properly:	☒		☐	
4. VOCs headspace free:	☐		☐	☒

<u>Sample Integrity - Documentation</u>	<u>Y</u>	<u>or</u>	<u>N</u>
1. Sample labels present on bottles:	☒		☐
2. Container labeling complete:	☒		☐
3. Sample container label / COC agree:	☒		☐

<u>Sample Integrity - Condition</u>	<u>Y</u>	<u>or</u>	<u>N</u>
1. Sample recvd within HT:	☒		☐
2. All containers accounted for:	☒		☐
3. Condition of sample:	Intact		

<u>Sample Integrity - Instructions</u>	<u>Y</u>	<u>or</u>	<u>N</u>	<u>N/A</u>
1. Analysis requested is clear:	☒		☐	
2. Bottles received for unspecified tests	☐		☒	
3. Sufficient volume recvd for analysis:	☒		☐	
4. Compositing instructions clear:	☐		☐	☒
5. Filtering instructions clear:	☐		☐	☒

Test Strip Lot #s:	pH 1-12: 231619	pH 12+: 203117A	Other: (Specify)

Comments

SM089-03
Rev. Date 12/7/17

JE29035: Chain of Custody

Page 2 of 2

Summa Canister and Flow Controller Log

Page 1 of 1

Job Number: JE29035
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY
Received: 02/28/26

SUMMA CANISTERS													
Shipping							Receiving						
Summa ID	L	Vac " Hg	Date Out	By	SCC Batch	SCC FileID	Sample Number	Date In	By	Vac " Hg	Pres psig	Final psig	Dil Fact
A2237	1.4	29.5	02/25/26	JT	CP13300	5W60927.D	JE29035-1	03/02/26	BK	6.5			1
A2565	1.4	29.5	02/25/26	JT	CP13300	5W60927.D	JE29035-2	03/02/26	BK	5.5			1
A1888	1.4	29.5	02/25/26	JT	CP13300	5W60927.D	JE29035-3	03/02/26	BK	7.5			1

FLOW CONTROLLERS / OTHER									
Shipping					Receiving				
Flow Ctrl ID	Date Out	By	cc/ min	Time hrs.	Date In	By	cc/ min	Flow RPD	Equipment Type
FC512	02/25/26	JT	152	.1167	03/03/26	JL	162	6.4	Flow Controller
FC1065	02/25/26	JT	154	.1167	03/03/26	JL	166	7.5	Flow Controller
FC1241	02/25/26	JT	154	.1167	03/03/26	JL	167	8.1	Flow Controller

SGS Bottle Order(s):

SY-022526-123

Prep Date **Room Temp(F)** **Bar Pres "Hg**
02/25/26 70 29.92

MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 3

Job Number: JE29035**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W444-MB	8W12212.D	1	03/04/26	WC	n/a	n/a	V8W444

The QC reported here applies to the following samples:**Method:** TO-15

JE29035-1, JE29035-2, JE29035-3

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.11	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.12	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.028	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Method Blank Summary

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Job Number: JE29035**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W444-MB	8W12212.D	1	03/04/26	WC	n/a	n/a	V8W444

The QC reported here applies to the following samples:**Method:** TO-15

JE29035-1, JE29035-2, JE29035-3

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.052	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.048	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.030	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.057	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JE29035
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W444-MB	8W12212.D	1	03/04/26	WC	n/a	n/a	V8W444

The QC reported here applies to the following samples: Method: TO-15
JE29035-1, JE29035-2, JE29035-3

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	102% 65-128%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ppbv	

Method Blank Summary

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Job Number: JE29035

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W417-MB	8W11381.D	1	01/23/26	BK	n/a	n/a	V8W417

The QC reported here applies to the following samples:

Method: TO-15

V8W417-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.20	0.15	ppbv		ND	0.48	ug/m3
106-99-0	1,3-Butadiene	ND	0.20	0.084	ppbv		ND	0.44	ug/m3
71-43-2	Benzene	ND	0.20	0.047	ppbv		ND	0.64	ug/m3
75-27-4	Bromodichloromethane	ND	0.20	0.030	ppbv		ND	1.3	ug/m3
75-25-2	Bromoform	ND	0.20	0.071	ppbv		ND	2.1	ug/m3
74-83-9	Bromomethane	ND	0.20	0.069	ppbv		ND	0.78	ug/m3
593-60-2	Bromoethene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
100-44-7	Benzyl Chloride	ND	0.20	0.13	ppbv		ND	1.0	ug/m3
75-15-0	Carbon disulfide	ND	0.20	0.11	ppbv		ND	0.62	ug/m3
108-90-7	Chlorobenzene	ND	0.20	0.074	ppbv		ND	0.92	ug/m3
75-00-3	Chloroethane	ND	0.20	0.068	ppbv		ND	0.53	ug/m3
67-66-3	Chloroform	ND	0.20	0.037	ppbv		ND	0.98	ug/m3
74-87-3	Chloromethane	ND	0.20	0.090	ppbv		ND	0.41	ug/m3
107-05-1	3-Chloropropene	ND	0.20	0.083	ppbv		ND	0.63	ug/m3
95-49-8	2-Chlorotoluene	ND	0.20	0.072	ppbv		ND	1.0	ug/m3
56-23-5	Carbon tetrachloride	ND	0.20	0.040	ppbv		ND	1.3	ug/m3
110-82-7	Cyclohexane	ND	0.20	0.045	ppbv		ND	0.69	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.20	0.057	ppbv		ND	0.81	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.20	0.059	ppbv		ND	0.79	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.20	0.030	ppbv		ND	1.5	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.20	0.070	ppbv		ND	0.81	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.20	0.062	ppbv		ND	0.92	ug/m3
123-91-1	1,4-Dioxane	ND	0.20	0.048	ppbv		ND	0.72	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.20	0.10	ppbv		ND	0.99	ug/m3
124-48-1	Dibromochloromethane	ND	0.20	0.12	ppbv		ND	1.7	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.20	0.069	ppbv		ND	0.79	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.20	0.030	ppbv		ND	0.79	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.20	0.062	ppbv		ND	0.91	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.20	0.028	ppbv		ND	1.2	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.20	0.069	ppbv		ND	1.2	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.20	0.079	ppbv		ND	1.2	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.20	0.10	ppbv		ND	0.91	ug/m3
64-17-5	Ethanol	ND	0.50	0.39	ppbv		ND	0.94	ug/m3
100-41-4	Ethylbenzene	ND	0.20	0.061	ppbv		ND	0.87	ug/m3
141-78-6	Ethyl Acetate	ND	0.20	0.10	ppbv		ND	0.72	ug/m3
622-96-8	4-Ethyltoluene	ND	0.20	0.095	ppbv		ND	0.98	ug/m3

Method Blank Summary

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Job Number: JE29035**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W417-MB	8W11381.D	1	01/23/26	BK	n/a	n/a	V8W417

The QC reported here applies to the following samples:**Method:** TO-15

V8W417-SCC

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.20	0.031	ppbv		ND	1.5	ug/m3
76-14-2	Freon 114	ND	0.20	0.050	ppbv		ND	1.4	ug/m3
142-82-5	Heptane	ND	0.20	0.091	ppbv		ND	0.82	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.20	0.062	ppbv		ND	2.1	ug/m3
110-54-3	Hexane	ND	0.20	0.052	ppbv		ND	0.70	ug/m3
591-78-6	2-Hexanone	ND	0.20	0.15	ppbv		ND	0.82	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.20	0.14	ppbv		ND	0.49	ug/m3
75-09-2	Methylene chloride	ND	0.20	0.13	ppbv		ND	0.69	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.20	0.052	ppbv		ND	0.59	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.20	0.073	ppbv		ND	0.82	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.20	0.080	ppbv		ND	0.72	ug/m3
80-62-6	Methylmethacrylate	ND	0.20	0.070	ppbv		ND	0.82	ug/m3
115-07-1	Propylene	ND	0.50	0.048	ppbv		ND	0.86	ug/m3
100-42-5	Styrene	ND	0.20	0.053	ppbv		ND	0.85	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.20	0.078	ppbv		ND	1.1	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.20	0.048	ppbv		ND	1.4	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.20	0.038	ppbv		ND	1.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.12	ppbv		ND	1.5	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.20	0.087	ppbv		ND	0.98	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.20	0.080	ppbv		ND	0.98	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.20	0.040	ppbv		ND	0.93	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.20	0.093	ppbv		ND	0.61	ug/m3
127-18-4	Tetrachloroethylene	ND	0.040	0.030	ppbv		ND	0.27	ug/m3
109-99-9	Tetrahydrofuran	ND	0.20	0.090	ppbv		ND	0.59	ug/m3
108-88-3	Toluene	ND	0.20	0.057	ppbv		ND	0.75	ug/m3
79-01-6	Trichloroethylene	ND	0.040	0.019	ppbv		ND	0.21	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.20	0.057	ppbv		ND	1.1	ug/m3
75-01-4	Vinyl chloride	ND	0.20	0.069	ppbv		ND	0.51	ug/m3
108-05-4	Vinyl Acetate	ND	0.20	0.11	ppbv		ND	0.70	ug/m3
	m,p-Xylene	ND	0.20	0.14	ppbv		ND	0.87	ug/m3
95-47-6	o-Xylene	ND	0.20	0.077	ppbv		ND	0.87	ug/m3
1330-20-7	Xylenes (total)	ND	0.20	0.077	ppbv		ND	0.87	ug/m3

Method Blank Summary

Job Number: JE29035
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W417-MB	8W11381.D	1	01/23/26	BK	n/a	n/a	V8W417

The QC reported here applies to the following samples: Method: TO-15
V8W417-SCC

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	97% 65-128%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ppbv	

Blank Spike/Blank Spike Duplicate Summary

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Job Number: JE29035

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W444-BS	8W12209.D	1	03/04/26	WC	n/a	n/a	V8W444
V8W444-BSD	8W12210.D	1	03/04/26	WC	n/a	n/a	V8W444

The QC reported here applies to the following samples:

Method: TO-15

JE29035-1, JE29035-2, JE29035-3

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.4	9.6	92	9.4	90	2	70-130/30
106-99-0	1,3-Butadiene	10.3	9.5	92	9.2	89	3	70-130/30
71-43-2	Benzene	10.4	8.5	82	8.7	84	2	70-130/30
75-27-4	Bromodichloromethane	9.9	10	101	9.8	99	2	70-130/30
75-25-2	Bromoform	10.6	12.2	115	12.0	113	2	70-130/30
74-83-9	Bromomethane	10.2	9.9	97	9.7	95	2	70-130/30
593-60-2	Bromoethene	10.1	10.0	99	9.7	96	3	70-130/30
100-44-7	Benzyl Chloride	10.5	11.0	105	10.9	104	1	70-130/30
75-15-0	Carbon disulfide	10.6	10.7	101	10.5	99	2	70-130/30
108-90-7	Chlorobenzene	10.9	9.9	91	9.9	91	0	70-130/30
75-00-3	Chloroethane	10	8.8	88	8.7	87	1	70-130/30
67-66-3	Chloroform	10.5	9.9	94	9.7	92	2	70-130/30
74-87-3	Chloromethane	10.6	9.2	87	9.1	86	1	70-130/30
107-05-1	3-Chloropropene	10.2	9.2	90	9.1	89	1	70-130/30
95-49-8	2-Chlorotoluene	10.4	10.3	99	10.1	97	2	70-130/30
56-23-5	Carbon tetrachloride	10.2	11.1	109	10.9	107	2	70-130/30
110-82-7	Cyclohexane	10.4	9.1	88	9.1	88	0	70-130/30
75-34-3	1,1-Dichloroethane	10.2	8.7	85	8.7	85	0	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	10.3	96	10.2	95	1	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	10.3	94	10.2	93	1	70-130/30
107-06-2	1,2-Dichloroethane	10.2	9.7	95	9.5	93	2	70-130/30
78-87-5	1,2-Dichloropropane	10.3	8.2	80	8.4	82	2	70-130/30
123-91-1	1,4-Dioxane	9.9	8.6	87	8.7	88	1	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	11.2	106	10.3	97	8	70-130/30
124-48-1	Dibromochloromethane	10.4	11.3	109	11.1	107	2	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.2	8.8	86	8.9	87	1	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.4	9.1	88	9.2	88	1	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.1	9.5	94	9.5	94	0	70-130/30
541-73-1	m-Dichlorobenzene	10.5	10.4	99	10.3	98	1	70-130/30
95-50-1	o-Dichlorobenzene	10.7	10.6	99	10.4	97	2	70-130/30
106-46-7	p-Dichlorobenzene	10.8	10.7	99	10.6	98	1	70-130/30
10061-02-6	trans-1,3-Dichloropropene	9.6	9.7	101	9.6	100	1	70-130/30
64-17-5	Ethanol	9.7	8.7	90	8.6	89	1	70-130/30
100-41-4	Ethylbenzene	11	10.4	95	10.4	95	0	70-130/30
141-78-6	Ethyl Acetate	10.5	8.8	84	9.0	86	2	70-130/30
622-96-8	4-Ethyltoluene	10.6	10.8	102	10.6	100	2	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

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Job Number: JE29035

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W444-BS	8W12209.D	1	03/04/26	WC	n/a	n/a	V8W444
V8W444-BSD	8W12210.D	1	03/04/26	WC	n/a	n/a	V8W444

The QC reported here applies to the following samples:

Method: TO-15

JE29035-1, JE29035-2, JE29035-3

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10.6	11.0	104	10.9	103	1	70-130/30
76-14-2	Freon 114	10.4	11.0	106	9.8	94	12	70-130/30
142-82-5	Heptane	10.4	8.7	84	8.6	83	1	70-130/30
87-68-3	Hexachlorobutadiene	11.7	12.6	108	12.1	103	4	70-130/30
110-54-3	Hexane	10.5	8.7	83	8.8	84	1	70-130/30
591-78-6	2-Hexanone	10.4	9.1	88	9.2	88	1	70-130/30
67-63-0	Isopropyl Alcohol	10.5	9.1	87	8.9	85	2	70-130/30
75-09-2	Methylene chloride	10.2	8.9	87	8.8	86	1	70-130/30
78-93-3	Methyl ethyl ketone	10.4	8.7	84	8.9	86	2	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.2	8.7	85	8.6	84	1	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.5	8.4	80	8.6	82	2	70-130/30
80-62-6	Methylmethacrylate	10.3	9.3	90	9.2	89	1	70-130/30
115-07-1	Propylene	10.6	8.5	80	8.2	77	4	70-130/30
100-42-5	Styrene	10.9	11.0	101	11.0	101	0	70-130/30
71-55-6	1,1,1-Trichloroethane	10.4	10.4	100	10.4	100	0	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	11	9.5	86	9.5	86	0	70-130/30
79-00-5	1,1,2-Trichloroethane	10.5	9.1	87	9.1	87	0	70-130/30
120-82-1	1,2,4-Trichlorobenzene	11.7	11.5	98	11.2	96	3	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10.9	11.3	104	11.2	103	1	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.7	11.1	104	11.0	103	1	70-130/30
540-84-1	2,2,4-Trimethylpentane	10.2	8.5	83	8.3	81	2	70-130/30
75-65-0	Tertiary Butyl Alcohol	9.6	8.2	85	8.3	86	1	70-130/30
127-18-4	Tetrachloroethylene	10.7	9.9	93	9.9	93	0	70-130/30
109-99-9	Tetrahydrofuran	9.7	8.2	85	8.4	87	2	70-130/30
108-88-3	Toluene	10.6	9.6	91	9.6	91	0	70-130/30
79-01-6	Trichloroethylene	9.9	9.0	91	9.0	91	0	70-130/30
75-69-4	Trichlorofluoromethane	10.1	10.8	107	10.5	104	3	70-130/30
75-01-4	Vinyl chloride	10.2	9.8	96	9.6	94	2	70-130/30
108-05-4	Vinyl Acetate	10.2	9.7	95	9.8	96	1	70-130/30
	m,p-Xylene	21.2	20.6	97	20.4	96	1	70-130/30
95-47-6	o-Xylene	11	10.9	99	10.8	98	1	70-130/30
1330-20-7	Xylenes (total)	32.2	31.4	98	31.2	97	1	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE29035
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W444-BS	8W12209.D	1	03/04/26	WC	n/a	n/a	V8W444
V8W444-BSD	8W12210.D	1	03/04/26	WC	n/a	n/a	V8W444

The QC reported here applies to the following samples: Method: TO-15

JE29035-1, JE29035-2, JE29035-3

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	106%	105%	65-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 1 of 3

Job Number: JE29035**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W417-BS	8W11377.D	1	01/22/26	BK	n/a	n/a	V8W417
V8W417-BSD	8W11378.D	1	01/23/26	BK	n/a	n/a	V8W417

The QC reported here applies to the following samples:**Method:** TO-15

V8W417-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
67-64-1	Acetone (2-Propanone)	10.4	8.9	86	9.7	93	9	70-130/30
106-99-0	1,3-Butadiene	10.3	8.9	86	9.4	91	5	70-130/30
71-43-2	Benzene	10.4	9.7	93	10.3	99	6	70-130/30
75-27-4	Bromodichloromethane	9.9	9.1	92	9.5	96	4	70-130/30
75-25-2	Bromoform	10.6	11.3	107	11.6	109	3	70-130/30
74-83-9	Bromomethane	10.2	8.7	85	9.1	89	4	70-130/30
593-60-2	Bromoethene	10.1	8.6	85	9.1	90	6	70-130/30
100-44-7	Benzyl Chloride	10.5	9.3	89	9.7	92	4	70-130/30
75-15-0	Carbon disulfide	10.6	10.1	95	10.7	101	6	70-130/30
108-90-7	Chlorobenzene	10.9	10.2	94	10.6	97	4	70-130/30
75-00-3	Chloroethane	10	8.2	82	8.7	87	6	70-130/30
67-66-3	Chloroform	10.5	9.2	88	9.8	93	6	70-130/30
74-87-3	Chloromethane	10.6	8.4	79	9.2	87	9	70-130/30
107-05-1	3-Chloropropene	10.2	8.5	83	9.1	89	7	70-130/30
95-49-8	2-Chlorotoluene	10.4	10.2	98	10.6	102	4	70-130/30
56-23-5	Carbon tetrachloride	10.2	9.1	89	9.5	93	4	70-130/30
110-82-7	Cyclohexane	10.4	10.0	96	10.6	102	6	70-130/30
75-34-3	1,1-Dichloroethane	10.2	9.4	92	10	98	6	70-130/30
75-35-4	1,1-Dichloroethylene	10.7	9.3	87	9.7	91	4	70-130/30
106-93-4	1,2-Dibromoethane (EDB)	11	10.4	95	10.9	99	5	70-130/30
107-06-2	1,2-Dichloroethane	10.2	8.5	83	8.9	87	5	70-130/30
78-87-5	1,2-Dichloropropane	10.3	9.6	93	10.0	97	4	70-130/30
123-91-1	1,4-Dioxane	9.9	9.4	95	10.1	102	7	70-130/30
75-71-8	Dichlorodifluoromethane	10.6	8.5	80	9.2	87	8	70-130/30
124-48-1	Dibromochloromethane	10.4	10.4	100	11.0	106	6	70-130/30
156-60-5	trans-1,2-Dichloroethylene	10.2	9.6	94	10.1	99	5	70-130/30
156-59-2	cis-1,2-Dichloroethylene	10.4	9.9	95	10.5	101	6	70-130/30
10061-01-5	cis-1,3-Dichloropropene	10.1	10.2	101	10.7	106	5	70-130/30
541-73-1	m-Dichlorobenzene	10.5	9.7	92	9.9	94	2	70-130/30
95-50-1	o-Dichlorobenzene	10.7	9.6	90	9.9	93	3	70-130/30
106-46-7	p-Dichlorobenzene	10.8	9.7	90	10.2	94	5	70-130/30
10061-02-6	trans-1,3-Dichloropropene	9.6	9.6	100	10.1	105	5	70-130/30
64-17-5	Ethanol	9.7	8.1	84	8.6	89	6	70-130/30
100-41-4	Ethylbenzene	11	10.9	99	11.3	103	4	70-130/30
141-78-6	Ethyl Acetate	10.5	10.4	99	10.9	104	5	70-130/30
622-96-8	4-Ethyltoluene	10.6	10.5	99	10.9	103	4	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 2 of 3

Job Number: JE29035

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W417-BS	8W11377.D	1	01/22/26	BK	n/a	n/a	V8W417
V8W417-BSD	8W11378.D	1	01/23/26	BK	n/a	n/a	V8W417

The QC reported here applies to the following samples:

Method: TO-15

V8W417-SCC

CAS No.	Compound	Spike ppbv	BSP ppbv	BSP %	BSD ppbv	BSD %	RPD	Limits Rec/RPD
76-13-1	Freon 113	10.6	8.9	84	9.3	88	4	70-130/30
76-14-2	Freon 114	10.4	8.3	80	9.6	92	15	70-130/30
142-82-5	Heptane	10.4	9.8	94	10.4	100	6	70-130/30
87-68-3	Hexachlorobutadiene	11.7	9.3	79	10.3	88	10	70-130/30
110-54-3	Hexane	10.5	10	95	10.6	101	6	70-130/30
591-78-6	2-Hexanone	10.4	11.0	106	11.8	113	7	70-130/30
67-63-0	Isopropyl Alcohol	10.5	8.4	80	9.0	86	7	70-130/30
75-09-2	Methylene chloride	10.2	8.2	80	8.7	85	6	70-130/30
78-93-3	Methyl ethyl ketone	10.4	10.0	96	10.7	103	7	70-130/30
108-10-1	Methyl Isobutyl Ketone	10.2	10.1	99	10.8	106	7	70-130/30
1634-04-4	Methyl Tert Butyl Ether	10.5	10	95	10.5	100	5	70-130/30
80-62-6	Methylmethacrylate	10.3	10.2	99	10.9	106	7	70-130/30
115-07-1	Propylene	10.6	9.4	89	10.2	96	8	70-130/30
100-42-5	Styrene	10.9	11.6	106	12.0	110	3	70-130/30
71-55-6	1,1,1-Trichloroethane	10.4	9.2	88	9.7	93	5	70-130/30
79-34-5	1,1,2,2-Tetrachloroethane	11	10.3	94	10.6	96	3	70-130/30
79-00-5	1,1,2-Trichloroethane	10.5	9.8	93	10.4	99	6	70-130/30
120-82-1	1,2,4-Trichlorobenzene	11.7	9.9	85	10.8	92	9	70-130/30
95-63-6	1,2,4-Trimethylbenzene	10.9	10.3	94	10.7	98	4	70-130/30
108-67-8	1,3,5-Trimethylbenzene	10.7	10.5	98	10.9	102	4	70-130/30
540-84-1	2,2,4-Trimethylpentane	10.2	9.5	93	10.0	98	5	70-130/30
75-65-0	Tertiary Butyl Alcohol	9.6	8.7	91	9.3	97	7	70-130/30
127-18-4	Tetrachloroethylene	10.7	9.6	90	10.1	94	5	70-130/30
109-99-9	Tetrahydrofuran	9.7	9.7	100	10.5	108	8	70-130/30
108-88-3	Toluene	10.6	10.3	97	10.8	102	5	70-130/30
79-01-6	Trichloroethylene	9.9	8.8	89	9.4	95	7	70-130/30
75-69-4	Trichlorofluoromethane	10.1	8.1	80	8.5	84	5	70-130/30
75-01-4	Vinyl chloride	10.2	8.9	87	9.5	93	7	70-130/30
108-05-4	Vinyl Acetate	10.2	10.4	102	11.0	108	6	70-130/30
	m,p-Xylene	21.2	20.4	96	21.2	100	4	70-130/30
95-47-6	o-Xylene	11	10.6	96	10.9	99	3	70-130/30
1330-20-7	Xylenes (total)	32.2	31.0	96	32.1	100	3	70-130/30

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE29035
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W417-BS	8W11377.D	1	01/22/26	BK	n/a	n/a	V8W417
V8W417-BSD	8W11378.D	1	01/23/26	BK	n/a	n/a	V8W417

The QC reported here applies to the following samples: Method: TO-15

V8W417-SCC

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
460-00-4	4-Bromofluorobenzene	98%	98%	65-128%

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 3

Job Number: JE29035

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE28940-1DUP	8W12218.D	1	03/04/26	WC	n/a	n/a	V8W444
JE28940-1	8W12217.D	1	03/04/26	WC	n/a	n/a	V8W444

The QC reported here applies to the following samples:

Method: TO-15

JE29035-1, JE29035-2, JE29035-3

CAS No.	Compound	JE28940-1 ppbv	DUP Q	ppbv	Q	RPD	Limits
67-64-1	Acetone (2-Propanone)	3.2		3.2		0	25
106-99-0	1,3-Butadiene	0.11	J	0.11	J	0	25
71-43-2	Benzene	0.34		0.35		3	25
75-27-4	Bromodichloromethane	ND		ND		nc	25
75-25-2	Bromoform	ND		ND		nc	25
74-83-9	Bromomethane	ND		ND		nc	25
593-60-2	Bromoethene	ND		ND		nc	25
100-44-7	Benzyl Chloride	ND		ND		nc	25
75-15-0	Carbon disulfide	ND		ND		nc	25
108-90-7	Chlorobenzene	ND		ND		nc	25
75-00-3	Chloroethane	ND		ND		nc	25
67-66-3	Chloroform	ND		ND		nc	25
74-87-3	Chloromethane	0.49		0.49		0	25
107-05-1	3-Chloropropene	ND		ND		nc	25
95-49-8	2-Chlorotoluene	ND		ND		nc	25
56-23-5	Carbon tetrachloride	ND		ND		nc	25
110-82-7	Cyclohexane	ND		ND		nc	25
75-34-3	1,1-Dichloroethane	ND		ND		nc	25
75-35-4	1,1-Dichloroethylene	ND		ND		nc	25
106-93-4	1,2-Dibromoethane (EDB)	ND		ND		nc	25
107-06-2	1,2-Dichloroethane	ND		ND		nc	25
78-87-5	1,2-Dichloropropane	ND		ND		nc	25
123-91-1	1,4-Dioxane	ND		ND		nc	25
75-71-8	Dichlorodifluoromethane	0.53		0.53		0	25
124-48-1	Dibromochloromethane	ND		ND		nc	25
156-60-5	trans-1,2-Dichloroethylene	ND		ND		nc	25
156-59-2	cis-1,2-Dichloroethylene	ND		ND		nc	25
10061-01-5	cis-1,3-Dichloropropene	ND		ND		nc	25
541-73-1	m-Dichlorobenzene	ND		ND		nc	25
95-50-1	o-Dichlorobenzene	ND		ND		nc	25
106-46-7	p-Dichlorobenzene	ND		ND		nc	25
10061-02-6	trans-1,3-Dichloropropene	ND		ND		nc	25
64-17-5	Ethanol	6.2		6.1		2	25
100-41-4	Ethylbenzene	ND		ND		nc	25
141-78-6	Ethyl Acetate	1.1		1.1		0	25
622-96-8	4-Ethyltoluene	ND		ND		nc	25

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE29035
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE28940-1DUP	8W12218.D	1	03/04/26	WC	n/a	n/a	V8W444
JE28940-1	8W12217.D	1	03/04/26	WC	n/a	n/a	V8W444

The QC reported here applies to the following samples:

Method: TO-15

JE29035-1, JE29035-2, JE29035-3

CAS No.	Compound	JE28940-1 ppbv	DUP Q	ppbv	Q	RPD	Limits
76-13-1	Freon 113	ND		ND		nc	25
76-14-2	Freon 114	ND		ND		nc	25
142-82-5	Heptane	0.13	J	0.13	J	0	25
87-68-3	Hexachlorobutadiene	ND		ND		nc	25
110-54-3	Hexane	0.31		0.33		6	25
591-78-6	2-Hexanone	ND		ND		nc	25
67-63-0	Isopropyl Alcohol	1.4		1.4		0	25
75-09-2	Methylene chloride	0.27		0.27		0	25
78-93-3	Methyl ethyl ketone	0.28		0.29		4	25
108-10-1	Methyl Isobutyl Ketone	ND		ND		nc	25
1634-04-4	Methyl Tert Butyl Ether	ND		ND		nc	25
80-62-6	Methylmethacrylate	ND		ND		nc	25
115-07-1	Propylene	ND		ND		nc	25
100-42-5	Styrene	ND		ND		nc	25
71-55-6	1,1,1-Trichloroethane	ND		ND		nc	25
79-34-5	1,1,2,2-Tetrachloroethane	ND		ND		nc	25
79-00-5	1,1,2-Trichloroethane	ND		ND		nc	25
120-82-1	1,2,4-Trichlorobenzene	ND		ND		nc	25
95-63-6	1,2,4-Trimethylbenzene	ND		ND		nc	25
108-67-8	1,3,5-Trimethylbenzene	ND		ND		nc	25
540-84-1	2,2,4-Trimethylpentane	0.31		0.30		3	25
75-65-0	Tertiary Butyl Alcohol	ND		ND		nc	25
127-18-4	Tetrachloroethylene	0.038	J	0.21		139* a	25
109-99-9	Tetrahydrofuran	ND		ND		nc	25
108-88-3	Toluene	0.58		0.57		2	25
79-01-6	Trichloroethylene	ND		ND		nc	25
75-69-4	Trichlorofluoromethane	0.23		0.23		0	25
75-01-4	Vinyl chloride	ND		ND		nc	25
108-05-4	Vinyl Acetate	ND		ND		nc	25
	m,p-Xylene	0.23		0.23		0	25
95-47-6	o-Xylene	0.096	J	0.095	J	1	25
1330-20-7	Xylenes (total)	0.33		0.33		0	25

* = Outside of Control Limits.

Duplicate Summary

Job Number: JE29035
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE28940-1DUP	8W12218.D	1	03/04/26	WC	n/a	n/a	V8W444
JE28940-1	8W12217.D	1	03/04/26	WC	n/a	n/a	V8W444

The QC reported here applies to the following samples: Method: TO-15

JE29035-1, JE29035-2, JE29035-3

CAS No.	Surrogate Recoveries	DUP	JE28940-1	Limits
460-00-4	4-Bromofluorobenzene	103%	103%	65-128%

(a) Outside in house control limits.

* = Outside of Control Limits.

Summa Cleaning Certification

Page 1 of 3

Job Number: JE29035

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W417-SCC	8W11387.D	1	01/23/26	BK	n/a	n/a	V8W417

The QC reported here (Summa A2205) applies to the following samples:

Method: TO-15

Batch CP13300 cleaned 01/19/26: JE29035-1(A2237), JE29035-2(A2565), JE29035-3(A1888)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
67-64-1	Acetone (2-Propanone)	ND	0.80	0.58	ppbv		ND	1.9	ug/m3
106-99-0	1,3-Butadiene	ND	0.80	0.34	ppbv		ND	1.8	ug/m3
71-43-2	Benzene	ND	0.80	0.19	ppbv		ND	2.6	ug/m3
75-27-4	Bromodichloromethane	ND	0.80	0.12	ppbv		ND	5.4	ug/m3
75-25-2	Bromoform	ND	0.80	0.28	ppbv		ND	8.3	ug/m3
74-83-9	Bromomethane	ND	0.80	0.28	ppbv		ND	3.1	ug/m3
593-60-2	Bromoethene	ND	0.80	0.24	ppbv		ND	3.5	ug/m3
100-44-7	Benzyl Chloride	ND	0.80	0.50	ppbv		ND	4.1	ug/m3
75-15-0	Carbon disulfide	ND	0.80	0.45	ppbv		ND	2.5	ug/m3
108-90-7	Chlorobenzene	ND	0.80	0.30	ppbv		ND	3.7	ug/m3
75-00-3	Chloroethane	ND	0.80	0.27	ppbv		ND	2.1	ug/m3
67-66-3	Chloroform	ND	0.80	0.15	ppbv		ND	3.9	ug/m3
74-87-3	Chloromethane	ND	0.80	0.36	ppbv		ND	1.7	ug/m3
107-05-1	3-Chloropropene	ND	0.80	0.33	ppbv		ND	2.5	ug/m3
95-49-8	2-Chlorotoluene	ND	0.80	0.29	ppbv		ND	4.1	ug/m3
56-23-5	Carbon tetrachloride	ND	0.80	0.16	ppbv		ND	5.0	ug/m3
110-82-7	Cyclohexane	ND	0.80	0.18	ppbv		ND	2.8	ug/m3
75-34-3	1,1-Dichloroethane	ND	0.80	0.23	ppbv		ND	3.2	ug/m3
75-35-4	1,1-Dichloroethylene	ND	0.80	0.24	ppbv		ND	3.2	ug/m3
106-93-4	1,2-Dibromoethane (EDB)	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
107-06-2	1,2-Dichloroethane	ND	0.80	0.28	ppbv		ND	3.2	ug/m3
78-87-5	1,2-Dichloropropane	ND	0.80	0.25	ppbv		ND	3.7	ug/m3
123-91-1	1,4-Dioxane	ND	0.80	0.19	ppbv		ND	2.9	ug/m3
75-71-8	Dichlorodifluoromethane	ND	0.80	0.42	ppbv		ND	4.0	ug/m3
124-48-1	Dibromochloromethane	ND	0.80	0.49	ppbv		ND	6.8	ug/m3
156-60-5	trans-1,2-Dichloroethylene	ND	0.80	0.28	ppbv		ND	3.2	ug/m3
156-59-2	cis-1,2-Dichloroethylene	ND	0.80	0.12	ppbv		ND	3.2	ug/m3
10061-01-5	cis-1,3-Dichloropropene	ND	0.80	0.25	ppbv		ND	3.6	ug/m3
541-73-1	m-Dichlorobenzene	ND	0.80	0.11	ppbv		ND	4.8	ug/m3
95-50-1	o-Dichlorobenzene	ND	0.80	0.28	ppbv		ND	4.8	ug/m3
106-46-7	p-Dichlorobenzene	ND	0.80	0.32	ppbv		ND	4.8	ug/m3
10061-02-6	trans-1,3-Dichloropropene	ND	0.80	0.40	ppbv		ND	3.6	ug/m3
64-17-5	Ethanol	ND	2.0	1.6	ppbv		ND	3.8	ug/m3
100-41-4	Ethylbenzene	ND	0.80	0.24	ppbv		ND	3.5	ug/m3
141-78-6	Ethyl Acetate	ND	0.80	0.42	ppbv		ND	2.9	ug/m3
622-96-8	4-Ethyltoluene	ND	0.80	0.38	ppbv		ND	3.9	ug/m3

Summa Cleaning Certification

Page 2 of 3

Job Number: JE29035**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W417-SCC	8W11387.D	1	01/23/26	BK	n/a	n/a	V8W417

The QC reported here (Summa A2205) applies to the following samples:**Method:** TO-15

Batch CP13300 cleaned 01/19/26: JE29035-1(A2237), JE29035-2(A2565), JE29035-3(A1888)

CAS No.	Compound	Result	RL	MDL	Units	Q	Result	RL	Units
76-13-1	Freon 113	ND	0.80	0.12	ppbv		ND	6.1	ug/m3
76-14-2	Freon 114	ND	0.80	0.20	ppbv		ND	5.6	ug/m3
142-82-5	Heptane	ND	0.80	0.36	ppbv		ND	3.3	ug/m3
87-68-3	Hexachlorobutadiene	ND	0.80	0.25	ppbv		ND	8.5	ug/m3
110-54-3	Hexane	ND	0.80	0.21	ppbv		ND	2.8	ug/m3
591-78-6	2-Hexanone	ND	0.80	0.58	ppbv		ND	3.3	ug/m3
67-63-0	Isopropyl Alcohol	ND	0.80	0.56	ppbv		ND	2.0	ug/m3
75-09-2	Methylene chloride	ND	0.80	0.53	ppbv		ND	2.8	ug/m3
78-93-3	Methyl ethyl ketone	ND	0.80	0.21	ppbv		ND	2.4	ug/m3
108-10-1	Methyl Isobutyl Ketone	ND	0.80	0.29	ppbv		ND	3.3	ug/m3
1634-04-4	Methyl Tert Butyl Ether	ND	0.80	0.32	ppbv		ND	2.9	ug/m3
80-62-6	Methylmethacrylate	ND	0.80	0.28	ppbv		ND	3.3	ug/m3
115-07-1	Propylene	ND	2.0	0.19	ppbv		ND	3.4	ug/m3
100-42-5	Styrene	ND	0.80	0.21	ppbv		ND	3.4	ug/m3
71-55-6	1,1,1-Trichloroethane	ND	0.80	0.31	ppbv		ND	4.4	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.80	0.19	ppbv		ND	5.5	ug/m3
79-00-5	1,1,2-Trichloroethane	ND	0.80	0.15	ppbv		ND	4.4	ug/m3
120-82-1	1,2,4-Trichlorobenzene	ND	0.80	0.48	ppbv		ND	5.9	ug/m3
95-63-6	1,2,4-Trimethylbenzene	ND	0.80	0.35	ppbv		ND	3.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	ND	0.80	0.32	ppbv		ND	3.9	ug/m3
540-84-1	2,2,4-Trimethylpentane	ND	0.80	0.16	ppbv		ND	3.7	ug/m3
75-65-0	Tertiary Butyl Alcohol	ND	0.80	0.37	ppbv		ND	2.4	ug/m3
127-18-4	Tetrachloroethylene	ND	0.16	0.12	ppbv		ND	1.1	ug/m3
109-99-9	Tetrahydrofuran	ND	0.80	0.36	ppbv		ND	2.4	ug/m3
108-88-3	Toluene	ND	0.80	0.23	ppbv		ND	3.0	ug/m3
79-01-6	Trichloroethylene	ND	0.16	0.076	ppbv		ND	0.86	ug/m3
75-69-4	Trichlorofluoromethane	ND	0.80	0.23	ppbv		ND	4.5	ug/m3
75-01-4	Vinyl chloride	ND	0.80	0.28	ppbv		ND	2.0	ug/m3
108-05-4	Vinyl Acetate	ND	0.80	0.45	ppbv		ND	2.8	ug/m3
	m,p-Xylene	ND	0.80	0.56	ppbv		ND	3.5	ug/m3
95-47-6	o-Xylene	ND	0.80	0.31	ppbv		ND	3.5	ug/m3
1330-20-7	Xylenes (total)	ND	0.80	0.31	ppbv		ND	3.5	ug/m3

Summa Cleaning Certification

Job Number: JE29035
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V8W417-SCC	8W11387.D	1	01/23/26	BK	n/a	n/a	V8W417

The QC reported here (Summa A2205) applies to the following samples: Method: TO-15

Batch CP13300 cleaned 01/19/26: JE29035-1(A2237), JE29035-2(A2565), JE29035-3(A1888)

CAS No.	Surrogate Recoveries	Limits
460-00-4	4-Bromofluorobenzene	98% 65-128%

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JE29035
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample: V8W416-BFB **Injection Date:** 01/21/26
Lab File ID: 8W11345.D **Injection Time:** 13:52
Instrument ID: GCMS8W

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	27248	20.3	Pass
75	30.0 - 66.0% of mass 95	76328	56.7	Pass
95	Base peak, 100% relative abundance	134499	100.0	Pass
96	5.0 - 9.0% of mass 95	8984	6.68	Pass
173	Less than 2.0% of mass 174	935	0.70 (0.89) ^a	Pass
174	50.0 - 120.0% of mass 95	105288	78.3	Pass
175	4.0 - 9.01% of mass 174	7582	5.64 (7.20) ^a	Pass
176	93.0 - 101.0% of mass 174	102448	76.2 (97.3) ^a	Pass
177	5.0 - 9.0% of mass 176	7061	5.25 (6.89) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V8W416-IC416	8W11346.D	01/21/26	14:26	00:34	Initial cal 0.04
V8W416-IC416	8W11347.D	01/21/26	15:01	01:09	Initial cal 0.1
V8W416-IC416	8W11354.D	01/21/26	19:19	05:27	Initial cal 0.2
V8W416-IC416	8W11355.D	01/21/26	19:52	06:00	Initial cal 0.5
V8W416-IC416	8W11361.D	01/21/26	23:32	09:40	Initial cal 5
V8W416-ICC416	8W11362.D	01/22/26	00:07	10:15	Initial cal 10
V8W416-IC416	8W11363.D	01/22/26	00:43	10:51	Initial cal 20
V8W416-IC416	8W11364.D	01/22/26	01:23	11:31	Initial cal 40
V8W416-IC416	8W11365.D	01/22/26	02:06	12:14	Initial cal 50
V8W416-IC416	8W11366.D	01/22/26	02:50	12:58	Initial cal 60
V8W416-ICV416	8W11369.D	01/22/26	04:45	14:53	Initial cal verification 10

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JE29035
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample: V8W417-BFB
Lab File ID: 8W11375.D
Instrument ID: GCMS8W
Injection Date: 01/22/26
Injection Time: 20:39

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	26608	18.8	Pass
75	30.0 - 66.0% of mass 95	75232	53.1	Pass
95	Base peak, 100% relative abundance	141739	100.0	Pass
96	5.0 - 9.0% of mass 95	9176	6.47	Pass
173	Less than 2.0% of mass 174	867	0.61 (0.77) ^a	Pass
174	50.0 - 120.0% of mass 95	112477	79.4	Pass
175	4.0 - 9.01% of mass 174	8071	5.69 (7.18) ^a	Pass
176	93.0 - 101.0% of mass 174	108592	76.6 (96.5) ^a	Pass
177	5.0 - 9.0% of mass 176	7297	5.15 (6.72) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V8W417-CC416	8W11376.D	01/22/26	21:55	01:16	Continuing cal 10
V8W417-BS	8W11377.D	01/22/26	23:37	02:58	Blank Spike
V8W417-BSD	8W11378.D	01/23/26	00:10	03:31	Blank Spike Duplicate
V8W417-MB	8W11381.D	01/23/26	01:59	05:20	Method Blank
V8W417-SCC	8W11383.D	01/23/26	03:18	06:39	Summa Cleaning Certification
V8W417-SCC	8W11384.D	01/23/26	03:58	07:19	Summa Cleaning Certification
V8W417-SCC	8W11385.D	01/23/26	04:38	07:59	Summa Cleaning Certification
V8W417-SCC	8W11386.D	01/23/26	05:16	08:37	Summa Cleaning Certification
V8W417-SCC	8W11387.D	01/23/26	05:51	09:12	Summa Cleaning Certification
V8W417-SCC	8W11389.D	01/23/26	07:01	10:22	Summa Cleaning Certification
V8W417-SCC	8W11390.D	01/23/26	07:36	10:57	Summa Cleaning Certification
V8W417-SCC	8W11391.D	01/23/26	08:10	11:31	Summa Cleaning Certification
V8W417-SCC	8W11392.D	01/23/26	08:45	12:06	Summa Cleaning Certification
V8W417-SCC	8W11393.D	01/23/26	09:20	12:41	Summa Cleaning Certification
V8W417-SCC	8W11394.D	01/23/26	09:54	13:15	Summa Cleaning Certification
V8W417-SCC	8W11395.D	01/23/26	10:28	13:49	Summa Cleaning Certification
V8W417-SCC	8W11396.D	01/23/26	11:03	14:24	Summa Cleaning Certification
V8W417-SCC	8W11397.D	01/23/26	11:43	15:04	Summa Cleaning Certification
V8W417-SCC	8W11398.D	01/23/26	12:23	15:44	Summa Cleaning Certification
V8W417-SCC	8W11399.D	01/23/26	13:02	16:23	Summa Cleaning Certification
V8W417-SCC	8W11400.D	01/23/26	13:42	17:03	Summa Cleaning Certification
V8W417-SCC	8W11401.D	01/23/26	14:16	17:37	Summa Cleaning Certification

Instrument Performance Check (BFB)

Page 1 of 2

Job Number: JE29035
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample: V8W444-BFB
Lab File ID: 8W12207.D
Instrument ID: GCMS8W
Injection Date: 03/04/26
Injection Time: 11:08

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	8.0 - 40.0% of mass 95	27149	21.6	Pass
75	30.0 - 66.0% of mass 95	76152	60.5	Pass
95	Base peak, 100% relative abundance	125797	100.0	Pass
96	5.0 - 9.0% of mass 95	8546	6.79	Pass
173	Less than 2.0% of mass 174	887	0.71 (0.84) ^a	Pass
174	50.0 - 120.0% of mass 95	105464	83.8	Pass
175	4.0 - 9.01% of mass 174	7359	5.85 (6.98) ^a	Pass
176	93.0 - 101.0% of mass 174	100643	80.0 (95.4) ^a	Pass
177	5.0 - 9.0% of mass 176	6537	5.20 (6.50) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V8W444-CC416	8W12208.D	03/04/26	11:40	00:32	Continuing cal 10
V8W444-BS	8W12209.D	03/04/26	12:12	01:04	Blank Spike
V8W444-BSD	8W12210.D	03/04/26	12:45	01:37	Blank Spike Duplicate
V8W444-MB	8W12212.D	03/04/26	14:08	03:00	Method Blank
ZZZZZZ	8W12213.D	03/04/26	15:06	03:58	(unrelated sample)
ZZZZZZ	8W12214.D	03/04/26	15:46	04:38	(unrelated sample)
ZZZZZZ	8W12215.D	03/04/26	16:30	05:22	(unrelated sample)
ZZZZZZ	8W12216.D	03/04/26	17:09	06:01	(unrelated sample)
JE28940-1	8W12217.D	03/04/26	17:49	06:41	(used for QC only; not part of job JE29035)
JE28940-1DUP	8W12218.D	03/04/26	18:29	07:21	Duplicate
ZZZZZZ	8W12219.D	03/04/26	19:13	08:05	(unrelated sample)
ZZZZZZ	8W12220.D	03/04/26	19:58	08:50	(unrelated sample)
ZZZZZZ	8W12221.D	03/04/26	20:37	09:29	(unrelated sample)
ZZZZZZ	8W12222.D	03/04/26	21:17	10:09	(unrelated sample)
ZZZZZZ	8W12223.D	03/04/26	21:56	10:48	(unrelated sample)
ZZZZZZ	8W12224.D	03/04/26	22:30	11:22	(unrelated sample)
ZZZZZZ	8W12226.D	03/04/26	23:44	12:36	(unrelated sample)
ZZZZZZ	8W12227.D	03/05/26	00:18	13:10	(unrelated sample)
JE29035-1	8W12228.D	03/05/26	00:53	13:45	VP-5
JE29035-3	8W12229.D	03/05/26	01:28	14:20	VP-10
JE29035-2	8W12230.D	03/05/26	02:02	14:54	VP-6
V8W444-SCC	8W12231.D	03/05/26	02:41	15:33	Summa Cleaning Certification
V8W444-SCC	8W12232.D	03/05/26	03:21	16:13	Summa Cleaning Certification
ZZZZZZ	8W12233.D	03/05/26	03:54	16:46	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JE29035
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample:	V8W444-BFB	Injection Date:	03/04/26
Lab File ID:	8W12207.D	Injection Time:	11:08
Instrument ID:	GCMS8W		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	8W12234.D	03/05/26	04:28	17:20	(unrelated sample)
ZZZZZZ	8W12235.D	03/05/26	05:04	17:56	(unrelated sample)
ZZZZZZ	8W12236.D	03/05/26	05:45	18:37	(unrelated sample)

6.5.3
6

Surrogate Recovery Summary

Job Number: JE29035
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Method: TO-15	Matrix: AIR

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1
JE29035-1	8W12228.D	105
JE29035-2	8W12230.D	103
JE29035-3	8W12229.D	104
JE28940-1DUP	8W12218.D	103
V8W417-SCC	8W11387.D	98
V8W444-BS	8W12209.D	106
V8W444-BSD	8W12210.D	105
V8W444-MB	8W12212.D	102
V8W417-BS	8W11377.D	98
V8W417-BSD	8W11378.D	98
V8W417-MB	8W11381.D	97

Surrogate Compounds	Recovery Limits
S1 = 4-Bromofluorobenzene	65-128%

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

SESI Consulting Engineers

14373, Peekskill Phase II, NY

SGS Job Number: JE29061

Sampling Date: 02/27/26

Report to:

SESI Consulting Engineers
959 Route 46E 3rd Floor
Parsippany, NJ 07054
marykate.chorazak@sesi.org

ATTN: MaryKate Chorazak

Total number of pages in report: **267**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Louie Devletter 732-329-0200

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Sample Summary

SESI Consulting Engineers
14373, Peekskill Phase II, NY

Job No: JE29061

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID

This report contains results reported as ND = Not detected. The following applies:
Organics ND = Not detected above the MDL

JE29061-1	02/27/26	13:50	FAV	02/28/26	SO Soil	SB-1 4-4.5
JE29061-2	02/27/26	11:49	FAV	02/28/26	SO Soil	SB-2 6-6.5
JE29061-3	02/27/26	13:35	FAV	02/28/26	SO Soil	SB-3 14.5-15
JE29061-4	02/27/26	11:57	FAV	02/28/26	SO Soil	SB-4 8-8.5
JE29061-5	02/27/26	11:40	FAV	02/28/26	SO Soil	SB-5 11-11.5
JE29061-6	02/27/26	12:13	FAV	02/28/26	SO Soil	SB-6 14-14.5
JE29061-7	02/27/26	12:04	FAV	02/28/26	SO Soil	SB-7 4-4.5
JE29061-8	02/27/26	15:18	FAV	02/28/26	SO Soil	SB-8 9.5-10
JE29061-9	02/27/26	14:49	FAV	02/28/26	SO Soil	SB-9 11-11.5
JE29061-10	02/27/26	14:13	FAV	02/28/26	SO Soil	SB-10 13-13.5
JE29061-11	02/27/26	12:45	FAV	02/28/26	AQ Ground Water	TWP-5
JE29061-12	02/27/26	14:02	FAV	02/28/26	AQ Ground Water	TWP-6

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



Sample Summary
(continued)

SESI Consulting Engineers
14373, Peekskill Phase II, NY

Job No: JE29061

Sample Number	Collected		Matrix Code	Type	Client Sample ID
	Date	Time By			
JE29061-13	02/27/26	15:09 FAV	02/28/26	AQ Ground Water	TWP-10

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

CASE NARRATIVE / CONFORMANCE SUMMARY

2

Client: SESI Consulting Engineers

Job No: JE29061

Site: 14373, Peekskill Phase II, NY

Report Date 3/15/2026 11:43:40 A

On 02/28/2026, 13 sample(s), 0 Trip Blank(s), 0 Equip. Blank(s) and 0 Field Blank(s) were received at SGS North America Inc. (SGS) at a temperature of 3.7 °C. The samples were intact and properly preserved, unless noted below. An SGS Job Number of JE29061 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

MS Volatiles By Method SW846 8260D

Matrix: AQ

Batch ID: V1F806

- All samples were analyzed within the recommended method holding time.
- Sample(s) JE29056-2MS, JE29056-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The matrix spike (MS) recovery(s) of Trichloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- The matrix spike duplicate (MSD) recovery(s) of Trichloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- The matrix spike (MS) recovery(s) of cis-1,2-Dichloroethene are outside control limits. Outside control limits due to high level in sample relative to spike amount.
- JE29061-13: (pH=3)Sample pH did not satisfy field preservation criteria.
- JE29061-13 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.
- JE29061-11 for Bromomethane: Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

Matrix: AQ

Batch ID: V2F806

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE29056-1MS, JE29056-1MSD were used as the QC samples indicated.
- JE29061-12: (pH=2)Sample pH did not satisfy field preservation criteria.

Matrix: SO

Batch ID: V1C9155

- All samples were analyzed within the recommended method holding time.
- Sample(s) JE29061-1MS, JE29061-2DUP were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- The duplicate RPD(s) for 2-Butanone (MEK) are outside control limits. RPD acceptable due to low DUP and sample concentrations.
- JE29061-8 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.
- JE29061-7 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.
- JE29061-4 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.
- JE29061-9 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.
- JE29061-10 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.
- JE29061-5 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.
- JE29061-6 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.

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MS Volatiles By Method SW846 8260D

Matrix: SO	Batch ID: V1C9155

- JE29061-3 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.
- JE29061-2 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.
- JE29061-1 for Dichlorodifluoromethane: Associated CCV outside of control limits high, sample was ND.

MS Semi-volatiles By Method SW846 8270E

Matrix: AQ

Batch ID: OP71349

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JE29061-13 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-12 for 2,6-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-11 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-12 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-13 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-12 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-13 for 2,6-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-13 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-13 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE29061-12 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE29061-11 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-11 for 2,6-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-11 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-12 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-11 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.

Matrix: SO

Batch ID: OP71358

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE29061-1MS, JE29061-1MSD were used as the QC samples indicated.
- The RPD(s) for the MS and MSD recoveries of Hexachlorocyclopentadiene are outside control limits. Analytical precision exceeds in-house control limits.
- JE29061-2 for 2,6-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-1 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-2 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE29061-2 for 3-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-3 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-2 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-2 for 2-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-2 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-2 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-1 for 3-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-1 for 2-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-1 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-1 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE29061-3 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-1 for 2,6-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-9 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-7 for 2,6-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.

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MS Semi-volatiles By Method SW846 8270E

Matrix: SO

Batch ID: OP71358

- JE29061-7 for 2-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-7 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-7 for 3-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-7 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE29061-8 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-8 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-3 for 2,6-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-8 for 2-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-1 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-8 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-8 for 3-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-7 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-9 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-8 for 2,6-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-9 for 2,6-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-9 for 2-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-9 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-9 for 3-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-9 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE29061-10 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-10 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-10 for 2,6-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-10 for 2-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-10 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-10 for 3-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-10 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE29061-8 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE29061-3 for 2-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-4 for 3-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-4 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-4 for 2-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-7 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-4 for 2,6-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-4 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-4 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-3 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE29061-4 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE29061-5 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-5 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-3 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-5 for 2,6-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.

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MS Semi-volatiles By Method SW846 8270E

Matrix: SO

Batch ID: OP71358

- JE29061-5 for 2-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-6 for 2-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-6 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE29061-3 for 3-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-6 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-5 for 2-Nitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-6 for 2,6-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-6 for 2,4-Dinitrotoluene: Associated CCV outside of control limits high, sample was ND.
- JE29061-6 for 2,4-Dinitrophenol: Associated CCV outside of control limits high, sample was ND.
- JE29061-5 for 4,6-Dinitro-o-cresol: Associated CCV outside of control limits high, sample was ND.
- JE29061-5 for 3-Nitroaniline: Associated CCV outside of control limits high, sample was ND.
- JE29061-6 for 3-Nitroaniline: Associated CCV outside of control limits high, sample was ND.

GC/LC Semi-volatiles By Method SW846 8081B

Matrix: AQ

Batch ID: OP71350

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.

Matrix: SO

Batch ID: OP71355

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- Sample(s) JE29061-2MS, JE29061-2MSD were used as the QC samples indicated.
- All method blanks for this batch meet method specific criteria.
- JE29061-9: Confirmation run for internal standard areas.
- JE29061-8: Confirmation run for internal standard areas.
- JE29061-7 for Methoxychlor: More than 40 % RPD for detected concentrations between the two GC columns.
- JE29061-7 for gamma-Chlordane: More than 40 % RPD for detected concentrations between the two GC columns.
- JE29061-7 for Decachlorobiphenyl: Outside of in house control limits.
- JE29061-7 for Endosulfan sulfate: More than 40 % RPD for detected concentrations between the two GC columns.

GC/LC Semi-volatiles By Method SW846 8082A**Matrix:** AQ**Batch ID:** OP71351

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- JE29061-13 for Decachlorobiphenyl: Outside of in house control limits.
- JE29061-11 for Tetrachloro-m-xylene: Outside of in house control limits.

Matrix: SO**Batch ID:** OP71356

- All samples were extracted within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE29061-3MS, JE29061-3MSD were used as the QC samples indicated.
- JE29061-7 for Decachlorobiphenyl: Outside of in house control limits.

Metals Analysis By Method SW846 6010D

Matrix: AQ

Batch ID: MP60446

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE29055-1FMS, JE29055-1FMDS, JE29055-1FSDL were used as the QC samples for the metals analysis.
- Matrix Spike/Matrix Spike Duplicate recovery(s) of Calcium, Magnesium, Potassium, Sodium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- The serial dilution RPD(s) for Arsenic, Beryllium, Aluminum, Chromium, Cobalt are outside control limits. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- JE29061-13 for Nickel: Elevated detection limit due to dilution required for high interfering element.
- JE29061-12 for Lead: Elevated detection limit due to dilution required for high interfering element.
- JE29061-13 for Thallium: Elevated detection limit due to dilution required for high interfering element.
- JE29061-13 for Selenium: Elevated detection limit due to dilution required for high interfering element.
- JE29061-13 for Lead: Elevated detection limit due to dilution required for high interfering element.
- JE29061-13 for Arsenic: Elevated detection limit due to dilution required for high interfering element.
- JE29061-13 for Antimony: Elevated detection limit due to dilution required for high interfering element.
- JE29061-12 for Thallium: Elevated detection limit due to dilution required for high interfering element.
- JE29061-13 for Copper: Elevated detection limit due to dilution required for high interfering element.
- JE29061-12 for Nickel: Elevated detection limit due to dilution required for high interfering element.
- JE29061-12 for Copper: Elevated detection limit due to dilution required for high interfering element.
- JE29061-12 for Arsenic: Elevated detection limit due to dilution required for high interfering element.
- JE29061-12 for Antimony: Elevated detection limit due to dilution required for high interfering element.
- JE29061-11 for Arsenic: Elevated detection limit due to dilution required for high interfering element.
- JE29061-11 for Lead: Elevated detection limit due to dilution required for high interfering element.
- JE29061-11 for Selenium: Elevated detection limit due to dilution required for high interfering element.
- JE29061-12 for Selenium: Elevated detection limit due to dilution required for high interfering element.

Matrix: SO

Batch ID: MP60443

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE29061-1MSD, JE29061-1PS, JE29061-1SDL, JE29061-1MS were used as the QC samples for the metals analysis.
- The matrix spike (MS) recovery(s) of Antimony are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- The matrix spike duplicate (MSD) recovery(s) of Antimony, Iron are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.
- The matrix spike (MS) recovery(s) of Calcium, Aluminum are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.
- The serial dilution RPD(s) for Antimony, Cadmium are outside control limits. Percent difference acceptable due to low initial sample concentration (< 50 times IDL).
- MP60443-MB1 for Zinc: All reported results <RL or >10x CCB value.
- MP60443-MB1 for Zinc: All reported results <RL or >10x MB value.
- MP60443-SD1 for Lead: Serial dilution indicates possible matrix interference.
- MP60443-SD1 for Zinc: Serial dilution indicates possible matrix interference.
- MP60443-SD1 for Cobalt: RPD acceptable due to low duplicate and sample concentrations.
- MP60443-SD1 for Copper: Serial dilution indicates possible matrix interference.

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Metals Analysis By Method SW846 6010D

Matrix: SO

Batch ID: MP60443

- The matrix spike duplicate (MSD) recovery(s) of Calcium, Aluminum, Magnesium are outside control limits. Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

Matrix: SO

Batch ID: MP60455

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE29168-1MS, JE29168-1MSD, JE29168-1PS, JE29168-1SDL were used as the QC samples for the metals analysis.
- The matrix spike duplicate (MSD) recovery(s) of Zinc are outside control limits. Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

Metals Analysis By Method SW846 7470A

Matrix: AQ

Batch ID: MP60467

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE29055-1FMS, JE29055-1FMSD were used as the QC samples for the metals analysis.

Metals Analysis By Method SW846 7471B

Matrix: SO

Batch ID: MP60459

- All samples were digested within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE28962-1LCS, JE28962-1MS, JE28962-1MSD were used as the QC samples for the metals analysis.

General Chemistry By Method EPA 335.4/LACHAT

Matrix: AQ

Batch ID: GP68182

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) DA79873-1DUP, DA79873-1MS were used as the QC samples for the Cyanide analysis.
- The matrix spike (MS) recovery(s) of Cyanide are outside control limits. Spike recovery indicates possible matrix interference.

General Chemistry By Method SM2540 G 18TH ED MOD

Matrix: SO

Batch ID: GN79866

- Sample(s) JE29061-1DUP were used as the QC samples for the Solids, Percent analysis.

General Chemistry By Method SW846 9012B/LACHAT

Matrix: SO

Batch ID: GP68184

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JE28962-1DUP, JE28962-1MS were used as the QC samples for the Cyanide analysis.
- The matrix spike (MS) recovery(s) of Cyanide are outside control limits. Spike recovery indicates possible matrix interference.
- The duplicate RPD(s) for Cyanide are outside control limits. High RPD due to possible sample nonhomogeneity.

SGS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting SGS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

SGS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by SGS indicated via signature on the report cover.

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Summary of Hits

Job Number: JE29061
Account: SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY
Collected: 02/27/26



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

JE29061-1 SB-1 4-4.5

Acetone	23.6	16	6.4	ug/kg	SW846 8260D
Methylene chloride	4.9 J	7.8	4.1	ug/kg	SW846 8260D
Benzo(a)anthracene	28.0 J	42	12	ug/kg	SW846 8270E
Benzo(a)pyrene	19.8 J	42	19	ug/kg	SW846 8270E
Benzo(b)fluoranthene	22.1 J	42	19	ug/kg	SW846 8270E
Chrysene	21.8 J	42	13	ug/kg	SW846 8270E
Fluoranthene	44.1	42	19	ug/kg	SW846 8270E
Phenanthrene	46.6	42	14	ug/kg	SW846 8270E
Pyrene	44.6	42	14	ug/kg	SW846 8270E
Total TIC, Semi-Volatile	500 J			ug/kg	
Aluminum	9020	42		mg/kg	SW846 6010D
Arsenic	43.2	1.7		mg/kg	SW846 6010D
Barium	68.8	17		mg/kg	SW846 6010D
Beryllium	0.30	0.17		mg/kg	SW846 6010D
Calcium	45000	2100		mg/kg	SW846 6010D
Chromium	7.0	0.85		mg/kg	SW846 6010D
Copper	10.0	2.1		mg/kg	SW846 6010D
Iron	8370	42		mg/kg	SW846 6010D
Lead	14.1	1.7		mg/kg	SW846 6010D
Magnesium	9720	420		mg/kg	SW846 6010D
Manganese	169	1.3		mg/kg	SW846 6010D
Nickel	5.5	3.4		mg/kg	SW846 6010D
Potassium	1020	850		mg/kg	SW846 6010D
Sodium	1360	850		mg/kg	SW846 6010D
Vanadium	24.2	4.2		mg/kg	SW846 6010D
Zinc	10.8	4.3		mg/kg	SW846 6010D

JE29061-2 SB-2 6-6.5

Acetone	47.2	9.7	4.0	ug/kg	SW846 8260D
Carbon disulfide	0.52 J	1.9	0.52	ug/kg	SW846 8260D
Acenaphthene	30.5 J	38	13	ug/kg	SW846 8270E
Acenaphthylene	26.5 J	38	19	ug/kg	SW846 8270E
Anthracene	107	38	23	ug/kg	SW846 8270E
Benzo(a)anthracene	421	38	11	ug/kg	SW846 8270E
Benzo(a)pyrene	329	38	17	ug/kg	SW846 8270E
Benzo(b)fluoranthene	384	38	17	ug/kg	SW846 8270E
Benzo(g,h,i)perylene	253	38	19	ug/kg	SW846 8270E
Benzo(k)fluoranthene	141	38	18	ug/kg	SW846 8270E
Carbazole	42.0 J	77	5.6	ug/kg	SW846 8270E
Chrysene	281	38	12	ug/kg	SW846 8270E
Dibenzo(a,h)anthracene	64.4	38	17	ug/kg	SW846 8270E
Dibenzofuran	40.0 J	77	16	ug/kg	SW846 8270E

Summary of Hits

Job Number: JE29061
Account: SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY
Collected: 02/27/26

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Fluoranthene		664	38	17	ug/kg	SW846 8270E
Fluorene		54.9	38	18	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene		209	38	18	ug/kg	SW846 8270E
2-Methylnaphthalene		24.5 J	38	8.7	ug/kg	SW846 8270E
Naphthalene		48.2	38	11	ug/kg	SW846 8270E
Phenanthrene		496	38	13	ug/kg	SW846 8270E
Pyrene		766	38	12	ug/kg	SW846 8270E
Total TIC, Semi-Volatile		3220 J			ug/kg	
Aluminum		6610	41		mg/kg	SW846 6010D
Arsenic		3.0	1.6		mg/kg	SW846 6010D
Barium		44.6	16		mg/kg	SW846 6010D
Beryllium		0.33	0.16		mg/kg	SW846 6010D
Calcium		7680	410		mg/kg	SW846 6010D
Chromium		9.1	0.81		mg/kg	SW846 6010D
Cobalt		5.0	4.1		mg/kg	SW846 6010D
Copper		12.3	2.0		mg/kg	SW846 6010D
Iron		11500	41		mg/kg	SW846 6010D
Lead		11.2	1.6		mg/kg	SW846 6010D
Magnesium		4170	410		mg/kg	SW846 6010D
Manganese		316	1.2		mg/kg	SW846 6010D
Nickel		9.7	3.2		mg/kg	SW846 6010D
Potassium		923	810		mg/kg	SW846 6010D
Vanadium		13.7	4.1		mg/kg	SW846 6010D
Zinc		48.2	4.0		mg/kg	SW846 6010D

JE29061-3 SB-3 14.5-15

Acetone	28.8	13	5.2	ug/kg	SW846 8260D
Carbon disulfide	1.7 J	2.5	0.68	ug/kg	SW846 8260D
Di-n-butyl phthalate	12.7 J	89	7.2	ug/kg	SW846 8270E
Total TIC, Semi-Volatile	5360 J			ug/kg	
Aluminum	4730	45		mg/kg	SW846 6010D
Calcium	1960	450		mg/kg	SW846 6010D
Chromium	7.3	0.89		mg/kg	SW846 6010D
Copper	5.0	2.2		mg/kg	SW846 6010D
Iron	8910	45		mg/kg	SW846 6010D
Lead	2.2	1.8		mg/kg	SW846 6010D
Magnesium	2520	450		mg/kg	SW846 6010D
Manganese	87.7	1.3		mg/kg	SW846 6010D
Nickel	6.7	3.6		mg/kg	SW846 6010D
Potassium	952	890		mg/kg	SW846 6010D
Vanadium	10.1	4.5		mg/kg	SW846 6010D
Zinc	21.7	4.5		mg/kg	SW846 6010D

Summary of Hits

Job Number: JE29061
Account: SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY
Collected: 02/27/26



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

JE29061-4 SB-4 8-8.5

Acetone	23.1	11	4.4	ug/kg	SW846 8260D
Total TIC, Semi-Volatile	3040 J			ug/kg	
Aluminum	17700	47		mg/kg	SW846 6010D
Arsenic	11.1	9.4		mg/kg	SW846 6010D
Barium	90.1	19		mg/kg	SW846 6010D
Beryllium	0.99	0.19		mg/kg	SW846 6010D
Calcium	9900	470		mg/kg	SW846 6010D
Chromium	23.8	0.94		mg/kg	SW846 6010D
Cobalt	16.1	4.7		mg/kg	SW846 6010D
Copper	35.3	2.4		mg/kg	SW846 6010D
Iron	31700	240		mg/kg	SW846 6010D
Lead	13.7	9.4		mg/kg	SW846 6010D
Magnesium	8660	470		mg/kg	SW846 6010D
Manganese	400	1.4		mg/kg	SW846 6010D
Nickel	36.2	3.8		mg/kg	SW846 6010D
Potassium	2590	940		mg/kg	SW846 6010D
Vanadium	24.9	4.7		mg/kg	SW846 6010D
Zinc	89.4	4.7		mg/kg	SW846 6010D

JE29061-5 SB-5 11-11.5

Acetone	45.5	11	4.5	ug/kg	SW846 8260D
Carbon disulfide	1.6 J	2.2	0.58	ug/kg	SW846 8260D
Total TIC, Semi-Volatile	2430 J			ug/kg	
Aluminum	5310	44		mg/kg	SW846 6010D
Arsenic	1.7	1.7		mg/kg	SW846 6010D
Barium	17.5	17		mg/kg	SW846 6010D
Beryllium	0.19	0.17		mg/kg	SW846 6010D
Calcium	1710	440		mg/kg	SW846 6010D
Chromium	8.4	0.87		mg/kg	SW846 6010D
Copper	7.2	2.2		mg/kg	SW846 6010D
Iron	9660	44		mg/kg	SW846 6010D
Lead	7.4	1.7		mg/kg	SW846 6010D
Magnesium	2850	440		mg/kg	SW846 6010D
Manganese	88.8	1.3		mg/kg	SW846 6010D
Nickel	7.3	3.5		mg/kg	SW846 6010D
Potassium	1050	870		mg/kg	SW846 6010D
Vanadium	11.7	4.4		mg/kg	SW846 6010D
Zinc	27.9	4.3		mg/kg	SW846 6010D

JE29061-6 SB-6 14-14.5

Acetone	19.9	6.3	2.6	ug/kg	SW846 8260D

Summary of Hits

Job Number: JE29061
Account: SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY
Collected: 02/27/26



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Carbon disulfide		1.4	1.3	0.34	ug/kg	SW846 8260D
1,1-Dichloroethene		0.46 J	0.63	0.41	ug/kg	SW846 8260D
Total TIC, Semi-Volatile		2480 J			ug/kg	
Aluminum		5460	43		mg/kg	SW846 6010D
Barium		19.4	17		mg/kg	SW846 6010D
Beryllium		0.18	0.17		mg/kg	SW846 6010D
Calcium		1760	430		mg/kg	SW846 6010D
Chromium		9.5	0.87		mg/kg	SW846 6010D
Cobalt		4.4	4.3		mg/kg	SW846 6010D
Copper		4.9	2.2		mg/kg	SW846 6010D
Iron		10200	43		mg/kg	SW846 6010D
Lead		2.9	1.7		mg/kg	SW846 6010D
Magnesium		3100	430		mg/kg	SW846 6010D
Manganese		111	1.3		mg/kg	SW846 6010D
Nickel		8.0	3.5		mg/kg	SW846 6010D
Potassium		1240	870		mg/kg	SW846 6010D
Vanadium		12.5	4.3		mg/kg	SW846 6010D
Zinc		26.0	4.3		mg/kg	SW846 6010D

JE29061-7 SB-7 4-4.5

Acenaphthene	32.2 J	38	13	ug/kg	SW846 8270E
Acenaphthylene	177	38	19	ug/kg	SW846 8270E
Anthracene	177	38	23	ug/kg	SW846 8270E
Benzo(a)anthracene	661	38	11	ug/kg	SW846 8270E
Benzo(a)pyrene	666	38	17	ug/kg	SW846 8270E
Benzo(b)fluoranthene	856	38	17	ug/kg	SW846 8270E
Benzo(g,h,i)perylene	542	38	19	ug/kg	SW846 8270E
Benzo(k)fluoranthene	303	38	18	ug/kg	SW846 8270E
1,1'-Biphenyl	27.6 J	76	5.2	ug/kg	SW846 8270E
Carbazole	65.9 J	76	5.5	ug/kg	SW846 8270E
Chrysene	713	38	12	ug/kg	SW846 8270E
Dibenzo(a,h)anthracene	159	38	17	ug/kg	SW846 8270E
Dibenzofuran	49.4 J	76	15	ug/kg	SW846 8270E
Di-n-butyl phthalate	9.6 J	76	6.2	ug/kg	SW846 8270E
bis(2-Ethylhexyl)phthalate	90.2	76	8.9	ug/kg	SW846 8270E
Fluoranthene	1170	38	17	ug/kg	SW846 8270E
Fluorene	59.7	38	17	ug/kg	SW846 8270E
Indeno(1,2,3-cd)pyrene	447	38	18	ug/kg	SW846 8270E
2-Methylnaphthalene	184	38	8.6	ug/kg	SW846 8270E
Naphthalene	232	38	11	ug/kg	SW846 8270E
Phenanthrene	746	38	13	ug/kg	SW846 8270E
Pyrene	1290	38	12	ug/kg	SW846 8270E
Total TIC, Semi-Volatile	11800 J			ug/kg	
gamma-Chlordane ^a	0.56 J	0.74	0.34	ug/kg	SW846 8081B

Summary of Hits

Job Number: JE29061
Account: SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY
Collected: 02/27/26



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Endosulfan sulfate ^a		1.4	0.74	0.58	ug/kg	SW846 8081B
Methoxychlor ^a		2.8	1.5	0.59	ug/kg	SW846 8081B
Aluminum		6070	38		mg/kg	SW846 6010D
Arsenic		23.0	7.7		mg/kg	SW846 6010D
Barium		1120	77		mg/kg	SW846 6010D
Beryllium		0.28	0.15		mg/kg	SW846 6010D
Cadmium		4.2	0.38		mg/kg	SW846 6010D
Calcium		38700	1900		mg/kg	SW846 6010D
Chromium		22.6	0.77		mg/kg	SW846 6010D
Cobalt		5.6	3.8		mg/kg	SW846 6010D
Copper		45.5	1.9		mg/kg	SW846 6010D
Iron		24400	190		mg/kg	SW846 6010D
Lead		1100	7.7		mg/kg	SW846 6010D
Magnesium		5500	380		mg/kg	SW846 6010D
Manganese		216	1.1		mg/kg	SW846 6010D
Mercury		0.26	0.032		mg/kg	SW846 7471B
Nickel		9.2	3.1		mg/kg	SW846 6010D
Potassium		2330	770		mg/kg	SW846 6010D
Silver		0.56	0.38		mg/kg	SW846 6010D
Vanadium		19.3	3.8		mg/kg	SW846 6010D
Zinc		895	19		mg/kg	SW846 6010D
Cyanide		3.8	0.29		mg/kg	SW846 9012B/LACHAT

JE29061-8 SB-8 9.5-10

Acetone	10.7	8.2	3.4	ug/kg	SW846 8260D
Carbon disulfide	0.97 J	1.6	0.44	ug/kg	SW846 8260D
Total TIC, Semi-Volatile	3110 J			ug/kg	
Aluminum	4580	37		mg/kg	SW846 6010D
Barium	18.9	15		mg/kg	SW846 6010D
Beryllium	0.17	0.15		mg/kg	SW846 6010D
Calcium	3670	370		mg/kg	SW846 6010D
Chromium	5.8	0.74		mg/kg	SW846 6010D
Cobalt	4.1	3.7		mg/kg	SW846 6010D
Copper	12.8	1.8		mg/kg	SW846 6010D
Iron	9800	37		mg/kg	SW846 6010D
Lead	2.9	1.5		mg/kg	SW846 6010D
Magnesium	3580	370		mg/kg	SW846 6010D
Manganese	158	1.1		mg/kg	SW846 6010D
Nickel	10.5	3.0		mg/kg	SW846 6010D
Potassium	1070	740		mg/kg	SW846 6010D
Vanadium	10	3.7		mg/kg	SW846 6010D
Zinc	21.9	3.6		mg/kg	SW846 6010D

Summary of Hits

Job Number: JE29061
Account: SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY
Collected: 02/27/26



Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

JE29061-9 SB-9 11-11.5

Acetone	50.5	12	4.9	ug/kg	SW846 8260D
Carbon disulfide	0.75 J	2.4	0.63	ug/kg	SW846 8260D
Benzo(a)anthracene	14.0 J	39	11	ug/kg	SW846 8270E
Pyrene	13.5 J	39	13	ug/kg	SW846 8270E
Total TIC, Semi-Volatile	1200 J			ug/kg	
Aluminum	6770	40		mg/kg	SW846 6010D
Arsenic	2.3	1.6		mg/kg	SW846 6010D
Barium	41.3	16		mg/kg	SW846 6010D
Beryllium	0.29	0.16		mg/kg	SW846 6010D
Calcium	3170	400		mg/kg	SW846 6010D
Chromium	9.7	0.80		mg/kg	SW846 6010D
Cobalt	6.7	4.0		mg/kg	SW846 6010D
Copper	16.3	2.0		mg/kg	SW846 6010D
Iron	14100	40		mg/kg	SW846 6010D
Lead	32.2	1.6		mg/kg	SW846 6010D
Magnesium	3690	400		mg/kg	SW846 6010D
Manganese	175	1.2		mg/kg	SW846 6010D
Mercury	0.087	0.034		mg/kg	SW846 7471B
Nickel	10.8	3.2		mg/kg	SW846 6010D
Potassium	1140	800		mg/kg	SW846 6010D
Vanadium	14.8	4.0		mg/kg	SW846 6010D
Zinc	41.0	3.9		mg/kg	SW846 6010D

JE29061-10 SB-10 13-13.5

Acetone	32.5	14	5.7	ug/kg	SW846 8260D
Carbon disulfide	4.3	2.8	0.74	ug/kg	SW846 8260D
Total TIC, Semi-Volatile	1480 J			ug/kg	
Aluminum	6000	42		mg/kg	SW846 6010D
Barium	31.4	17		mg/kg	SW846 6010D
Beryllium	0.20	0.17		mg/kg	SW846 6010D
Calcium	1480	420		mg/kg	SW846 6010D
Chromium	10.4	0.83		mg/kg	SW846 6010D
Cobalt	5.0	4.2		mg/kg	SW846 6010D
Copper	4.6	2.1		mg/kg	SW846 6010D
Iron	11000	42		mg/kg	SW846 6010D
Lead	2.7	1.7		mg/kg	SW846 6010D
Magnesium	3580	420		mg/kg	SW846 6010D
Manganese	124	1.2		mg/kg	SW846 6010D
Nickel	9.2	3.3		mg/kg	SW846 6010D
Potassium	1430	830		mg/kg	SW846 6010D
Vanadium	13.5	4.2		mg/kg	SW846 6010D
Zinc	32.3	4.1		mg/kg	SW846 6010D

Summary of Hits

Job Number: JE29061
Account: SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY
Collected: 02/27/26



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method

JE29061-11 TWP-5

Benzo(a)anthracene	0.50 J	1.0	0.21	ug/l	SW846 8270E
Benzo(a)pyrene	0.41 J	1.0	0.22	ug/l	SW846 8270E
Benzo(b)fluoranthene	0.47 J	1.0	0.21	ug/l	SW846 8270E
Benzo(g,h,i)perylene	0.38 J	1.0	0.35	ug/l	SW846 8270E
Chrysene	0.33 J	1.0	0.18	ug/l	SW846 8270E
Fluoranthene	0.76 J	1.0	0.17	ug/l	SW846 8270E
Phenanthrene	0.34 J	1.0	0.18	ug/l	SW846 8270E
Pyrene	0.69 J	1.0	0.22	ug/l	SW846 8270E
Total TIC, Semi-Volatile	9.9 J			ug/l	
Aluminum	32500	200		ug/l	SW846 6010D
Arsenic ^b	19.1	3.0		ug/l	SW846 6010D
Barium	352	200		ug/l	SW846 6010D
Beryllium	2.8	1.0		ug/l	SW846 6010D
Calcium	180000	5000		ug/l	SW846 6010D
Chromium	36.3	10		ug/l	SW846 6010D
Copper	65.5	10		ug/l	SW846 6010D
Iron	47000	100		ug/l	SW846 6010D
Lead ^b	126	3.0		ug/l	SW846 6010D
Magnesium	61900	5000		ug/l	SW846 6010D
Manganese	1630	15		ug/l	SW846 6010D
Nickel	46.0	10		ug/l	SW846 6010D
Potassium	23400	10000		ug/l	SW846 6010D
Sodium	1200000	100000		ug/l	SW846 6010D
Vanadium	67.0	50		ug/l	SW846 6010D
Zinc	136	20		ug/l	SW846 6010D

JE29061-12 TWP-6

Total TIC, Volatile	19.4 J			ug/l	
Acenaphthylene	0.81 J	1.0	0.14	ug/l	SW846 8270E
Anthracene	1.0	1.0	0.22	ug/l	SW846 8270E
Benzaldehyde	0.32 J	5.2	0.30	ug/l	SW846 8270E
Benzo(a)anthracene	5.5	1.0	0.21	ug/l	SW846 8270E
Benzo(a)pyrene	5.6	1.0	0.22	ug/l	SW846 8270E
Benzo(b)fluoranthene	6.6	1.0	0.21	ug/l	SW846 8270E
Benzo(g,h,i)perylene	3.9	1.0	0.36	ug/l	SW846 8270E
Benzo(k)fluoranthene	2.7	1.0	0.21	ug/l	SW846 8270E
Chrysene	5.2	1.0	0.18	ug/l	SW846 8270E
Dibenzo(a,h)anthracene	0.95 J	1.0	0.34	ug/l	SW846 8270E
Fluoranthene	10.9	1.0	0.18	ug/l	SW846 8270E
Indeno(1,2,3-cd)pyrene	3.3	1.0	0.35	ug/l	SW846 8270E
Phenanthrene	1.9	1.0	0.18	ug/l	SW846 8270E

Summary of Hits

Job Number: JE29061
Account: SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY
Collected: 02/27/26



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Pyrene		9.8	1.0	0.23	ug/l	SW846 8270E
Total TIC, Semi-Volatile		46 J			ug/l	
Aluminum		142000	200		ug/l	SW846 6010D
Arsenic ^b		95.4	15		ug/l	SW846 6010D
Barium		1120	200		ug/l	SW846 6010D
Beryllium		8.7	1.0		ug/l	SW846 6010D
Cadmium		5.7	3.0		ug/l	SW846 6010D
Calcium		224000	25000		ug/l	SW846 6010D
Chromium		249	10		ug/l	SW846 6010D
Cobalt		260	50		ug/l	SW846 6010D
Copper ^b		1680	50		ug/l	SW846 6010D
Iron		739000	500		ug/l	SW846 6010D
Lead ^b		1970	15		ug/l	SW846 6010D
Magnesium		79900	5000		ug/l	SW846 6010D
Manganese		13800	75		ug/l	SW846 6010D
Nickel ^b		334	50		ug/l	SW846 6010D
Potassium		27800	10000		ug/l	SW846 6010D
Sodium		461000	50000		ug/l	SW846 6010D
Vanadium		349	50		ug/l	SW846 6010D
Zinc		2720	20		ug/l	SW846 6010D
Cyanide		0.039	0.020		mg/l	EPA 335.4/LACHAT

JE29061-13 TWP-10

Acenaphthylene	0.28 J	1.1	0.15	ug/l	SW846 8270E
Anthracene	0.43 J	1.1	0.24	ug/l	SW846 8270E
Benzo(a)anthracene	1.6	1.1	0.23	ug/l	SW846 8270E
Benzo(a)pyrene	1.6	1.1	0.24	ug/l	SW846 8270E
Benzo(b)fluoranthene	1.6	1.1	0.23	ug/l	SW846 8270E
Benzo(g,h,i)perylene	0.91 J	1.1	0.38	ug/l	SW846 8270E
Benzo(k)fluoranthene	0.80 J	1.1	0.23	ug/l	SW846 8270E
Chrysene	1.6	1.1	0.20	ug/l	SW846 8270E
Fluoranthene	2.7	1.1	0.19	ug/l	SW846 8270E
Indeno(1,2,3-cd)pyrene	0.77 J	1.1	0.37	ug/l	SW846 8270E
Phenanthrene	1.1	1.1	0.20	ug/l	SW846 8270E
Pyrene	2.4	1.1	0.25	ug/l	SW846 8270E
Total TIC, Semi-Volatile	76.1 J			ug/l	
Aluminum	241000	200		ug/l	SW846 6010D
Arsenic ^b	149	15		ug/l	SW846 6010D
Barium	1710	200		ug/l	SW846 6010D
Beryllium	11.1	1.0		ug/l	SW846 6010D
Calcium	148000	5000		ug/l	SW846 6010D
Chromium	320	10		ug/l	SW846 6010D
Cobalt	211	50		ug/l	SW846 6010D
Copper ^b	528	50		ug/l	SW846 6010D

Summary of Hits

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Job Number: JE29061
Account: SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY
Collected: 02/27/26



Lab Sample ID Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Iron		507000	500		ug/l	SW846 6010D
Lead ^b		2300	15		ug/l	SW846 6010D
Magnesium		107000	5000		ug/l	SW846 6010D
Manganese		10600	75		ug/l	SW846 6010D
Nickel ^b		367	50		ug/l	SW846 6010D
Potassium		36800	10000		ug/l	SW846 6010D
Sodium		195000	10000		ug/l	SW846 6010D
Vanadium		485	50		ug/l	SW846 6010D
Zinc		1290	20		ug/l	SW846 6010D
Cyanide		0.035	0.020		mg/l	EPA 335.4/LACHAT

(a) More than 40 % RPD for detected concentrations between the two GC columns.

(b) Elevated detection limit due to dilution required for high interfering element.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	SB-1 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-1	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.5
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C213227.D	1	03/03/26 12:35	PS	n/a	n/a	V1C9155
Run #2							

	Initial Weight
Run #1	4.2 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	23.6	16	6.4	ug/kg	
71-43-2	Benzene	ND	0.78	0.71	ug/kg	
74-97-5	Bromochloromethane	ND	7.8	0.87	ug/kg	
75-27-4	Bromodichloromethane	ND	3.1	0.67	ug/kg	
75-25-2	Bromoform	ND	7.8	2.1	ug/kg	
74-83-9	Bromomethane	ND	7.8	1.2	ug/kg	
78-93-3	2-Butanone (MEK)	ND	16	3.8	ug/kg	
75-15-0	Carbon disulfide	ND	3.1	0.83	ug/kg	
56-23-5	Carbon tetrachloride	ND	3.1	0.96	ug/kg	
108-90-7	Chlorobenzene	ND	3.1	0.71	ug/kg	
75-00-3	Chloroethane	ND	7.8	0.92	ug/kg	
67-66-3	Chloroform	ND	3.1	1.6	ug/kg	
74-87-3	Chloromethane	ND	7.8	3.1	ug/kg	
110-82-7	Cyclohexane	ND	3.1	1.0	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.1	ug/kg	
124-48-1	Dibromochloromethane	ND	3.1	0.87	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.6	0.66	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.6	0.85	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.6	0.77	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.6	0.77	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	7.8	1.1	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.6	0.77	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.6	0.73	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.6	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.6	1.3	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.95	ug/kg	
78-87-5	1,2-Dichloropropane	ND	3.1	0.74	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	3.1	0.74	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	3.1	0.71	ug/kg	
100-41-4	Ethylbenzene	ND	1.6	0.70	ug/kg	
76-13-1	Freon 113	ND	7.8	4.2	ug/kg	
591-78-6	2-Hexanone	ND	7.8	3.3	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-1	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.5
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	3.1	2.2	ug/kg	
79-20-9	Methyl Acetate	ND	7.8	2.2	ug/kg	
108-87-2	Methylcyclohexane	ND	3.1	1.4	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.6	0.73	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	7.8	3.5	ug/kg	
75-09-2	Methylene chloride	4.9	7.8	4.1	ug/kg	J
100-42-5	Styrene	ND	3.1	0.63	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	3.1	0.93	ug/kg	
127-18-4	Tetrachloroethene	ND	3.1	0.90	ug/kg	
108-88-3	Toluene	ND	1.6	0.82	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	7.8	3.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	7.8	3.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	3.1	0.75	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	3.1	0.86	ug/kg	
79-01-6	Trichloroethene	ND	1.6	1.2	ug/kg	
75-69-4	Trichlorofluoromethane	ND	7.8	1.1	ug/kg	
75-01-4	Vinyl chloride	ND	3.1	0.75	ug/kg	
	m,p-Xylene	ND	1.6	1.4	ug/kg	
95-47-6	o-Xylene	ND	1.6	0.71	ug/kg	
1330-20-7	Xylene (total)	ND	1.6	0.71	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		80-124%
17060-07-0	1,2-Dichloroethane-D4	113%		75-133%
2037-26-5	Toluene-D8	106%		79-125%
460-00-4	4-Bromofluorobenzene	93%		58-148%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-1	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.5
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5P108281.D	1	03/03/26 16:33	AO	03/03/26 11:00	OP71358	E5P5111
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	85	21	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	26	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	36	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	76	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	210	160	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	210	45	ug/kg	
95-48-7	2-Methylphenol	ND	85	27	ug/kg	
	3&4-Methylphenol	ND	85	35	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	210	28	ug/kg	
100-02-7	4-Nitrophenol	ND	420	110	ug/kg	
87-86-5	Pentachlorophenol	ND	170	40	ug/kg	
108-95-2	Phenol	ND	85	22	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	28	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	32	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	25	ug/kg	
83-32-9	Acenaphthene	ND	42	15	ug/kg	
208-96-8	Acenaphthylene	ND	42	22	ug/kg	
98-86-2	Acetophenone	ND	210	9.1	ug/kg	
120-12-7	Anthracene	ND	42	26	ug/kg	
1912-24-9	Atrazine	ND	85	18	ug/kg	
56-55-3	Benzo(a)anthracene	28.0	42	12	ug/kg	J
50-32-8	Benzo(a)pyrene	19.8	42	19	ug/kg	J
205-99-2	Benzo(b)fluoranthene	22.1	42	19	ug/kg	J
191-24-2	Benzo(g,h,i)perylene	ND	42	21	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	42	20	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	85	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	85	10	ug/kg	
92-52-4	1,1'-Biphenyl	ND	85	5.8	ug/kg	
100-52-7	Benzaldehyde	ND	210	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	85	10	ug/kg	
106-47-8	4-Chloroaniline	ND	210	15	ug/kg	
86-74-8	Carbazole	ND	85	6.2	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-1	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.5
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	85	17	ug/kg	J
218-01-9	Chrysene	21.8	42	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	85	9.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	85	18	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	85	15	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	85	14	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	42	13	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	42	21	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	85	35	ug/kg	
123-91-1	1,4-Dioxane	ND	42	28	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	42	19	ug/kg	
132-64-9	Dibenzofuran	ND	85	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	85	6.9	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	85	11	ug/kg	
84-66-2	Diethyl phthalate	ND	85	9.0	ug/kg	
131-11-3	Dimethyl phthalate	ND	85	7.6	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	85	9.9	ug/kg	
206-44-0	Fluoranthene	44.1	42	19	ug/kg	
86-73-7	Fluorene	ND	42	19	ug/kg	
118-74-1	Hexachlorobenzene	ND	85	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	42	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	420	17	ug/kg	
67-72-1	Hexachloroethane	ND	210	21	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	42	20	ug/kg	
78-59-1	Isophorone	ND	85	9.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	42	9.6	ug/kg	
88-74-4	2-Nitroaniline ^a	ND	210	10	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	210	11	ug/kg	
100-01-6	4-Nitroaniline	ND	210	11	ug/kg	
91-20-3	Naphthalene	ND	42	12	ug/kg	
98-95-3	Nitrobenzene	ND	85	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	85	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	16	ug/kg	
85-01-8	Phenanthrene	46.6	42	14	ug/kg	
129-00-0	Pyrene	44.6	42	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	31%		10-99%

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Report of Analysis

Client Sample ID:	SB-1 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-1	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.5
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	33%		10-96%
118-79-6	2,4,6-Tribromophenol	44%		10-123%
4165-60-0	Nitrobenzene-d5	37%		10-109%
321-60-8	2-Fluorobiphenyl	36%		11-109%
1718-51-0	Terphenyl-d14	45%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
57-10-3	n-Hexadecanoic acid	7.61	350	ug/kg	JNB
	Alkane	9.36	320	ug/kg	J
	Alkane	9.97	180	ug/kg	J
	Total TIC, Semi-Volatile		500	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-1	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.5
Method:	SW846 8081B SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G220063.D	1	03/06/26 17:07	RK	03/03/26 11:00	OP71355	G1G7968
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.83	0.69	ug/kg	
319-84-6	alpha-BHC	ND	0.83	0.68	ug/kg	
319-85-7	beta-BHC	ND	0.83	0.75	ug/kg	
319-86-8	delta-BHC	ND	0.83	0.80	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.83	0.61	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.83	0.67	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.83	0.38	ug/kg	
60-57-1	Dieldrin	ND	0.83	0.57	ug/kg	
72-54-8	4,4' -DDD	ND	0.83	0.76	ug/kg	
72-55-9	4,4' -DDE	ND	0.83	0.73	ug/kg	
50-29-3	4,4' -DDT	ND	0.83	0.74	ug/kg	
72-20-8	Endrin	ND	0.83	0.65	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.83	0.65	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.83	0.47	ug/kg	
959-98-8	Endosulfan-I	ND	0.83	0.48	ug/kg	
33213-65-9	Endosulfan-II	ND	0.83	0.52	ug/kg	
76-44-8	Heptachlor	ND	0.83	0.72	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.83	0.58	ug/kg	
72-43-5	Methoxychlor	ND	1.7	0.66	ug/kg	
53494-70-5	Endrin ketone	ND	0.83	0.60	ug/kg	
8001-35-2	Toxaphene	ND	21	19	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%		13-162%
877-09-8	Tetrachloro-m-xylene	88%		13-162%
2051-24-3	Decachlorobiphenyl	81%		10-180%
2051-24-3	Decachlorobiphenyl	84%		10-180%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-1	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.5
Method:	SW846 8082A SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G158432.D	1	03/04/26 02:06	AS	03/03/26 11:00	OP71356	G3G5744
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	42	19	ug/kg	
11104-28-2	Aroclor 1221	ND	42	26	ug/kg	
11141-16-5	Aroclor 1232	ND	42	27	ug/kg	
53469-21-9	Aroclor 1242	ND	42	17	ug/kg	
12672-29-6	Aroclor 1248	ND	42	37	ug/kg	
11097-69-1	Aroclor 1254	ND	42	22	ug/kg	
11096-82-5	Aroclor 1260	ND	42	18	ug/kg	
11100-14-4	Aroclor 1268	ND	42	36	ug/kg	
37324-23-5	Aroclor 1262	ND	42	27	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		10-174%
877-09-8	Tetrachloro-m-xylene	97%		10-174%
2051-24-3	Decachlorobiphenyl	54%		10-195%
2051-24-3	Decachlorobiphenyl	66%		10-195%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-1 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-1	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.5
Project:	14373, Peekskill Phase II, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	9020	42	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Antimony	< 1.7	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Arsenic	43.2	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Barium	68.8	17	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Beryllium	0.30	0.17	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Cadmium	< 0.42	0.42	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Calcium	45000	2100	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁵
Chromium	7.0	0.85	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Cobalt	< 4.2	4.2	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Copper	10.0	2.1	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Iron	8370	42	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Lead	14.1	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Magnesium	9720	420	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Manganese	169	1.3	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Mercury	< 0.034	0.034	mg/kg	1	03/03/26	03/04/26 MK	SW846 7471B ²	SW846 7471B ⁷
Nickel	5.5	3.4	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Potassium	1020	850	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Selenium	< 1.7	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Silver	< 0.42	0.42	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Sodium	1360	850	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Thallium	< 0.85	0.85	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Vanadium	24.2	4.2	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁵
Zinc	10.8	4.3	mg/kg	1	03/04/26	03/04/26 LM	SW846 6010D ⁴	SW846 3050B ⁶

(1) Instrument QC Batch: MA60360

(2) Instrument QC Batch: MA60363

(3) Instrument QC Batch: MA60367

(4) Instrument QC Batch: MA60372

(5) Prep QC Batch: MP60443

(6) Prep QC Batch: MP60455

(7) Prep QC Batch: MP60459

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-1 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-1	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.5
Project:	14373, Peekskill Phase II, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.33	0.33	mg/kg	1	03/06/26 14:33	JD	SW846 9012B/LACHAT
Solids, Percent	76.5		%	1	03/02/26 11:35	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

4.1
4

Report of Analysis

Client Sample ID:	SB-2 6-6.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-2	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	81.9
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C213228.D	1	03/03/26 13:02	PS	n/a	n/a	V1C9155
Run #2							

	Initial Weight
Run #1	6.3 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	47.2	9.7	4.0	ug/kg	
71-43-2	Benzene	ND	0.48	0.44	ug/kg	
74-97-5	Bromochloromethane	ND	4.8	0.54	ug/kg	
75-27-4	Bromodichloromethane	ND	1.9	0.42	ug/kg	
75-25-2	Bromoform	ND	4.8	1.3	ug/kg	
74-83-9	Bromomethane	ND	4.8	0.74	ug/kg	
78-93-3	2-Butanone (MEK)	ND	9.7	2.4	ug/kg	
75-15-0	Carbon disulfide	0.52	1.9	0.52	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.9	0.60	ug/kg	
108-90-7	Chlorobenzene	ND	1.9	0.44	ug/kg	
75-00-3	Chloroethane	ND	4.8	0.57	ug/kg	
67-66-3	Chloroform	ND	1.9	0.97	ug/kg	
74-87-3	Chloromethane	ND	4.8	1.9	ug/kg	
110-82-7	Cyclohexane	ND	1.9	0.64	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.9	0.67	ug/kg	
124-48-1	Dibromochloromethane	ND	1.9	0.54	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.97	0.41	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.97	0.53	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.97	0.48	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.97	0.48	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	4.8	0.70	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.97	0.48	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.97	0.46	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.97	0.63	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.97	0.81	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.97	0.59	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.9	0.46	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.9	0.46	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.9	0.44	ug/kg	
100-41-4	Ethylbenzene	ND	0.97	0.44	ug/kg	
76-13-1	Freon 113	ND	4.8	2.6	ug/kg	
591-78-6	2-Hexanone	ND	4.8	2.1	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 6-6.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-2	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	81.9
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.9	1.4	ug/kg	
79-20-9	Methyl Acetate	ND	4.8	1.3	ug/kg	
108-87-2	Methylcyclohexane	ND	1.9	0.85	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.97	0.45	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.8	2.2	ug/kg	
75-09-2	Methylene chloride	ND	4.8	2.5	ug/kg	
100-42-5	Styrene	ND	1.9	0.39	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.9	0.58	ug/kg	
127-18-4	Tetrachloroethene	ND	1.9	0.56	ug/kg	
108-88-3	Toluene	ND	0.97	0.51	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.8	2.4	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	2.4	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.9	0.47	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.9	0.54	ug/kg	
79-01-6	Trichloroethene	ND	0.97	0.74	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.8	0.66	ug/kg	
75-01-4	Vinyl chloride	ND	1.9	0.47	ug/kg	
	m,p-Xylene	ND	0.97	0.87	ug/kg	
95-47-6	o-Xylene	ND	0.97	0.44	ug/kg	
1330-20-7	Xylene (total)	ND	0.97	0.44	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		80-124%
17060-07-0	1,2-Dichloroethane-D4	108%		75-133%
2037-26-5	Toluene-D8	98%		79-125%
460-00-4	4-Bromofluorobenzene	96%		58-148%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 6-6.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-2	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	81.9
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5P108282.D	1	03/03/26 16:56	AO	03/03/26 11:00	OP71358	E5P5111
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.9 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	77	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	68	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	190	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	190	41	ug/kg	
95-48-7	2-Methylphenol	ND	77	24	ug/kg	
	3&4-Methylphenol	ND	77	31	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	190	25	ug/kg	
100-02-7	4-Nitrophenol	ND	380	100	ug/kg	
87-86-5	Pentachlorophenol	ND	150	36	ug/kg	
108-95-2	Phenol	ND	77	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	25	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	29	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	23	ug/kg	
83-32-9	Acenaphthene	30.5	38	13	ug/kg	J
208-96-8	Acenaphthylene	26.5	38	19	ug/kg	J
98-86-2	Acetophenone	ND	190	8.2	ug/kg	
120-12-7	Anthracene	107	38	23	ug/kg	
1912-24-9	Atrazine	ND	77	16	ug/kg	
56-55-3	Benzo(a)anthracene	421	38	11	ug/kg	
50-32-8	Benzo(a)pyrene	329	38	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	384	38	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	253	38	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	141	38	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	77	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	77	9.3	ug/kg	
92-52-4	1,1'-Biphenyl	ND	77	5.2	ug/kg	
100-52-7	Benzaldehyde	ND	190	9.5	ug/kg	
91-58-7	2-Chloronaphthalene	ND	77	9.1	ug/kg	
106-47-8	4-Chloroaniline	ND	190	14	ug/kg	
86-74-8	Carbazole	42.0	77	5.6	ug/kg	J

ND = Not detected MDL = Method Detection Limit

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RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 6-6.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-2	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	81.9
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	77	15	ug/kg	
218-01-9	Chrysene	281	38	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	77	8.2	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	77	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	77	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	77	12	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	38	12	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	38	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	77	32	ug/kg	
123-91-1	1,4-Dioxane	ND	38	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	64.4	38	17	ug/kg	
132-64-9	Dibenzofuran	40.0	77	16	ug/kg	J
84-74-2	Di-n-butyl phthalate	ND	77	6.2	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	77	9.5	ug/kg	
84-66-2	Diethyl phthalate	ND	77	8.2	ug/kg	
131-11-3	Dimethyl phthalate	ND	77	6.8	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	77	9.0	ug/kg	
206-44-0	Fluoranthene	664	38	17	ug/kg	
86-73-7	Fluorene	54.9	38	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	77	9.7	ug/kg	
87-68-3	Hexachlorobutadiene	ND	38	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	380	15	ug/kg	
67-72-1	Hexachloroethane	ND	190	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	209	38	18	ug/kg	
78-59-1	Isophorone	ND	77	8.2	ug/kg	
91-57-6	2-Methylnaphthalene	24.5	38	8.7	ug/kg	J
88-74-4	2-Nitroaniline ^a	ND	190	9.0	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	190	9.6	ug/kg	
100-01-6	4-Nitroaniline	ND	190	9.9	ug/kg	
91-20-3	Naphthalene	48.2	38	11	ug/kg	
98-95-3	Nitrobenzene	ND	77	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	77	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	14	ug/kg	
85-01-8	Phenanthrene	496	38	13	ug/kg	
129-00-0	Pyrene	766	38	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	9.7	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	51%		10-99%

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Report of Analysis

Client Sample ID:	SB-2 6-6.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-2	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	81.9
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	50%		10-96%
118-79-6	2,4,6-Tribromophenol	66%		10-123%
4165-60-0	Nitrobenzene-d5	62%		10-109%
321-60-8	2-Fluorobiphenyl	57%		11-109%
1718-51-0	Terphenyl-d14	66%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
57-10-3	n-Hexadecanoic acid	7.62	320	ug/kg	JNB
	Alkene	9.36	340	ug/kg	J
	Unknown alcohol	9.99	300	ug/kg	J
57-11-4	Octadecanoic acid	10.22	460	ug/kg	JN
	Alkane	10.30	180	ug/kg	J
	Unknown PAH substance	10.68	160	ug/kg	J
	Unknown PAH substance	10.89	190	ug/kg	J
	Unknown	13.30	460	ug/kg	J
	Unknown	13.45	210	ug/kg	J
	Unknown	13.60	310	ug/kg	J
	Unknown	13.84	610	ug/kg	J
	Total TIC, Semi-Volatile		3220	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 6-6.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-2	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	81.9
Method:	SW846 8081B SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G220064.D	1	03/06/26 17:24	RK	03/03/26 11:00	OP71355	G1G7968
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.78	0.64	ug/kg	
319-84-6	alpha-BHC	ND	0.78	0.63	ug/kg	
319-85-7	beta-BHC	ND	0.78	0.70	ug/kg	
319-86-8	delta-BHC	ND	0.78	0.75	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.78	0.57	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.78	0.63	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.78	0.35	ug/kg	
60-57-1	Dieldrin	ND	0.78	0.53	ug/kg	
72-54-8	4,4' -DDD	ND	0.78	0.71	ug/kg	
72-55-9	4,4' -DDE	ND	0.78	0.68	ug/kg	
50-29-3	4,4' -DDT	ND	0.78	0.69	ug/kg	
72-20-8	Endrin	ND	0.78	0.60	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.78	0.61	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.78	0.44	ug/kg	
959-98-8	Endosulfan-I	ND	0.78	0.45	ug/kg	
33213-65-9	Endosulfan-II	ND	0.78	0.49	ug/kg	
76-44-8	Heptachlor	ND	0.78	0.67	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.78	0.55	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.62	ug/kg	
53494-70-5	Endrin ketone	ND	0.78	0.56	ug/kg	
8001-35-2	Toxaphene	ND	19	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	58%		13-162%
877-09-8	Tetrachloro-m-xylene	76%		13-162%
2051-24-3	Decachlorobiphenyl	75%		10-180%
2051-24-3	Decachlorobiphenyl	99%		10-180%

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E = Indicates value exceeds calibration range

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 6-6.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-2	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	81.9
Method:	SW846 8082A SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G158433.D	1	03/04/26 02:22	AS	03/03/26 11:00	OP71356	G3G5744
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	24	ug/kg	
11141-16-5	Aroclor 1232	ND	39	25	ug/kg	
53469-21-9	Aroclor 1242	ND	39	16	ug/kg	
12672-29-6	Aroclor 1248	ND	39	35	ug/kg	
11097-69-1	Aroclor 1254	ND	39	21	ug/kg	
11096-82-5	Aroclor 1260	ND	39	17	ug/kg	
11100-14-4	Aroclor 1268	ND	39	34	ug/kg	
37324-23-5	Aroclor 1262	ND	39	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	58%		10-174%
877-09-8	Tetrachloro-m-xylene	91%		10-174%
2051-24-3	Decachlorobiphenyl	46%		10-195%
2051-24-3	Decachlorobiphenyl	64%		10-195%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-2 6-6.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-2	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	81.9
Project:	14373, Peekskill Phase II, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	6610	41	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Antimony	< 1.6	1.6	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Arsenic	3.0	1.6	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Barium	44.6	16	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Beryllium	0.33	0.16	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cadmium	< 0.41	0.41	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Calcium	7680	410	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Chromium	9.1	0.81	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cobalt	5.0	4.1	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Copper	12.3	2.0	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Iron	11500	41	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Lead	11.2	1.6	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Magnesium	4170	410	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Manganese	316	1.2	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Mercury	< 0.031	0.031	mg/kg	1	03/03/26	03/04/26 MK	SW846 7471B ²	SW846 7471B ⁶
Nickel	9.7	3.2	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Potassium	923	810	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Selenium	< 1.6	1.6	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Silver	< 0.41	0.41	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Sodium	< 810	810	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Thallium	< 0.81	0.81	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Vanadium	13.7	4.1	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Zinc	48.2	4.0	mg/kg	1	03/04/26	03/04/26 LM	SW846 6010D ³	SW846 3050B ⁵

(1) Instrument QC Batch: MA60360

(2) Instrument QC Batch: MA60363

(3) Instrument QC Batch: MA60372

(4) Prep QC Batch: MP60443

(5) Prep QC Batch: MP60455

(6) Prep QC Batch: MP60459

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-2 6-6.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-2	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	81.9
Project:	14373, Peekskill Phase II, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.33	0.33	mg/kg	1	03/06/26 14:34	JD	SW846 9012B/LACHAT
Solids, Percent	81.9		%	1	03/02/26 11:35	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

4.2
4

Report of Analysis

Client Sample ID:	SB-3 14.5-15	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-3	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	73.3
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C213229.D	1	03/03/26 13:29	PS	n/a	n/a	V1C9155
Run #2							

	Initial Weight
Run #1	5.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	28.8	13	5.2	ug/kg	
71-43-2	Benzene	ND	0.63	0.57	ug/kg	
74-97-5	Bromochloromethane	ND	6.3	0.71	ug/kg	
75-27-4	Bromodichloromethane	ND	2.5	0.54	ug/kg	
75-25-2	Bromoform	ND	6.3	1.7	ug/kg	
74-83-9	Bromomethane	ND	6.3	0.97	ug/kg	
78-93-3	2-Butanone (MEK)	ND	13	3.1	ug/kg	
75-15-0	Carbon disulfide	1.7	2.5	0.68	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.5	0.78	ug/kg	
108-90-7	Chlorobenzene	ND	2.5	0.58	ug/kg	
75-00-3	Chloroethane	ND	6.3	0.75	ug/kg	
67-66-3	Chloroform	ND	2.5	1.3	ug/kg	
74-87-3	Chloromethane	ND	6.3	2.5	ug/kg	
110-82-7	Cyclohexane	ND	2.5	0.83	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.88	ug/kg	
124-48-1	Dibromochloromethane	ND	2.5	0.71	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.3	0.53	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.3	0.69	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.3	0.63	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.3	0.62	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	6.3	0.92	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.3	0.63	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.3	0.59	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.3	0.83	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	1.1	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	0.77	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.5	0.60	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	0.60	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	0.58	ug/kg	
100-41-4	Ethylbenzene	ND	1.3	0.57	ug/kg	
76-13-1	Freon 113	ND	6.3	3.4	ug/kg	
591-78-6	2-Hexanone	ND	6.3	2.7	ug/kg	

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RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 14.5-15	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-3	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	73.3
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.5	1.8	ug/kg	
79-20-9	Methyl Acetate	ND	6.3	1.8	ug/kg	
108-87-2	Methylcyclohexane	ND	2.5	1.1	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.3	0.59	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.3	2.9	ug/kg	
75-09-2	Methylene chloride	ND	6.3	3.3	ug/kg	
100-42-5	Styrene	ND	2.5	0.51	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	0.76	ug/kg	
127-18-4	Tetrachloroethene	ND	2.5	0.73	ug/kg	
108-88-3	Toluene	ND	1.3	0.66	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.3	3.2	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.3	3.2	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.61	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.5	0.70	ug/kg	
79-01-6	Trichloroethene	ND	1.3	0.96	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.3	0.86	ug/kg	
75-01-4	Vinyl chloride	ND	2.5	0.61	ug/kg	
	m,p-Xylene	ND	1.3	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.3	0.58	ug/kg	
1330-20-7	Xylene (total)	ND	1.3	0.58	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		80-124%
17060-07-0	1,2-Dichloroethane-D4	114%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

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 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-3 14.5-15	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-3	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	73.3
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5P108283.D	1	03/03/26 17:19	AO	03/03/26 11:00	OP71358	E5P5111
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	89	22	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	220	27	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	220	38	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	220	79	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	220	170	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	220	47	ug/kg	
95-48-7	2-Methylphenol	ND	89	28	ug/kg	
	3&4-Methylphenol	ND	89	36	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	220	29	ug/kg	
100-02-7	4-Nitrophenol	ND	440	120	ug/kg	
87-86-5	Pentachlorophenol	ND	180	42	ug/kg	
108-95-2	Phenol	ND	89	23	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	29	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	220	33	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	220	26	ug/kg	
83-32-9	Acenaphthene	ND	44	15	ug/kg	
208-96-8	Acenaphthylene	ND	44	23	ug/kg	
98-86-2	Acetophenone	ND	220	9.5	ug/kg	
120-12-7	Anthracene	ND	44	27	ug/kg	
1912-24-9	Atrazine	ND	89	19	ug/kg	
56-55-3	Benzo(a)anthracene	ND	44	13	ug/kg	
50-32-8	Benzo(a)pyrene	ND	44	20	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	44	20	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	44	22	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	44	21	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	89	17	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	89	11	ug/kg	
92-52-4	1,1'-Biphenyl	ND	89	6.1	ug/kg	
100-52-7	Benzaldehyde	ND	220	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	89	11	ug/kg	
106-47-8	4-Chloroaniline	ND	220	16	ug/kg	
86-74-8	Carbazole	ND	89	6.4	ug/kg	

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Report of Analysis

Client Sample ID:	SB-3 14.5-15	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-3	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	73.3
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	89	17	ug/kg	
218-01-9	Chrysene	ND	44	14	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	89	9.5	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	89	19	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	89	16	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	89	14	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	44	14	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	44	22	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	89	37	ug/kg	
123-91-1	1,4-Dioxane	ND	44	29	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	44	20	ug/kg	
132-64-9	Dibenzofuran	ND	89	18	ug/kg	
84-74-2	Di-n-butyl phthalate	12.7	89	7.2	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	89	11	ug/kg	
84-66-2	Diethyl phthalate	ND	89	9.4	ug/kg	
131-11-3	Dimethyl phthalate	ND	89	7.9	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	89	10	ug/kg	
206-44-0	Fluoranthene	ND	44	20	ug/kg	
86-73-7	Fluorene	ND	44	20	ug/kg	
118-74-1	Hexachlorobenzene	ND	89	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	44	18	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	440	18	ug/kg	
67-72-1	Hexachloroethane	ND	220	22	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	44	21	ug/kg	
78-59-1	Isophorone	ND	89	9.5	ug/kg	
91-57-6	2-Methylnaphthalene	ND	44	10	ug/kg	
88-74-4	2-Nitroaniline ^a	ND	220	10	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	220	11	ug/kg	
100-01-6	4-Nitroaniline	ND	220	11	ug/kg	
91-20-3	Naphthalene	ND	44	12	ug/kg	
98-95-3	Nitrobenzene	ND	89	17	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	89	13	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	220	16	ug/kg	
85-01-8	Phenanthrene	ND	44	15	ug/kg	
129-00-0	Pyrene	ND	44	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	55%		10-99%

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Report of Analysis

Client Sample ID:	SB-3 14.5-15	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-3	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	73.3
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	56%		10-96%
118-79-6	2,4,6-Tribromophenol	76%		10-123%
4165-60-0	Nitrobenzene-d5	65%		10-109%
321-60-8	2-Fluorobiphenyl	62%		11-109%
1718-51-0	Terphenyl-d14	81%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
57-11-4	Octadecanoic acid	8.28	210	ug/kg	JN
	Unknown acid	9.36	700	ug/kg	J
	Unknown acid	9.57	220	ug/kg	J
	Alkane	9.66	1300	ug/kg	J
	Dibenzopyrene	9.92	240	ug/kg	J
	Alkane	9.97	310	ug/kg	J
	Unknown	9.99	580	ug/kg	J
	Unknown	10.09	190	ug/kg	J
	Unknown	10.21	290	ug/kg	J
	Alkane	10.30	250	ug/kg	J
	Alkane	10.67	230	ug/kg	J
	Unknown	10.71	190	ug/kg	J
	Unknown	11.11	210	ug/kg	J
	Unknown	11.64	180	ug/kg	J
	Unknown	12.17	260	ug/kg	J
	Total TIC, Semi-Volatile		5360	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

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Report of Analysis

Client Sample ID:	SB-3 14.5-15	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-3	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	73.3
Method:	SW846 8081B SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G220065.D	1	03/06/26 17:42	RK	03/03/26 11:00	OP71355	G1G7968
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.90	0.74	ug/kg	
319-84-6	alpha-BHC	ND	0.90	0.73	ug/kg	
319-85-7	beta-BHC	ND	0.90	0.82	ug/kg	
319-86-8	delta-BHC	ND	0.90	0.87	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.90	0.67	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.90	0.73	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.90	0.41	ug/kg	
60-57-1	Dieldrin	ND	0.90	0.62	ug/kg	
72-54-8	4,4' -DDD	ND	0.90	0.83	ug/kg	
72-55-9	4,4' -DDE	ND	0.90	0.79	ug/kg	
50-29-3	4,4' -DDT	ND	0.90	0.80	ug/kg	
72-20-8	Endrin	ND	0.90	0.70	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.90	0.71	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.90	0.51	ug/kg	
959-98-8	Endosulfan-I	ND	0.90	0.52	ug/kg	
33213-65-9	Endosulfan-II	ND	0.90	0.56	ug/kg	
76-44-8	Heptachlor	ND	0.90	0.78	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.90	0.63	ug/kg	
72-43-5	Methoxychlor	ND	1.8	0.72	ug/kg	
53494-70-5	Endrin ketone	ND	0.90	0.65	ug/kg	
8001-35-2	Toxaphene	ND	23	21	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	77%		13-162%
877-09-8	Tetrachloro-m-xylene	84%		13-162%
2051-24-3	Decachlorobiphenyl	83%		10-180%
2051-24-3	Decachlorobiphenyl	77%		10-180%

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Report of Analysis

Client Sample ID:	SB-3 14.5-15	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-3	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	73.3
Method:	SW846 8082A SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G158434.D	1	03/04/26 02:39	AS	03/03/26 11:00	OP71356	G3G5744
Run #2							

	Initial Weight	Final Volume
Run #1	15.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	45	21	ug/kg	
11104-28-2	Aroclor 1221	ND	45	28	ug/kg	
11141-16-5	Aroclor 1232	ND	45	29	ug/kg	
53469-21-9	Aroclor 1242	ND	45	19	ug/kg	
12672-29-6	Aroclor 1248	ND	45	40	ug/kg	
11097-69-1	Aroclor 1254	ND	45	24	ug/kg	
11096-82-5	Aroclor 1260	ND	45	19	ug/kg	
11100-14-4	Aroclor 1268	ND	45	40	ug/kg	
37324-23-5	Aroclor 1262	ND	45	30	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	64%		10-174%
877-09-8	Tetrachloro-m-xylene	101%		10-174%
2051-24-3	Decachlorobiphenyl	52%		10-195%
2051-24-3	Decachlorobiphenyl	66%		10-195%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

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Report of Analysis

Client Sample ID:	SB-3 14.5-15	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-3	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	73.3
Project:	14373, Peekskill Phase II, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	4730	45	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Antimony	< 1.8	1.8	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Arsenic	< 1.8	1.8	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Barium	< 18	18	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Beryllium	< 0.18	0.18	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cadmium	< 0.45	0.45	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Calcium	1960	450	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Chromium	7.3	0.89	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cobalt	< 4.5	4.5	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Copper	5.0	2.2	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Iron	8910	45	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Lead	2.2	1.8	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Magnesium	2520	450	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Manganese	87.7	1.3	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Mercury	< 0.040	0.040	mg/kg	1	03/03/26	03/04/26 MK	SW846 7471B ²	SW846 7471B ⁶
Nickel	6.7	3.6	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Potassium	952	890	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Selenium	< 1.8	1.8	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Silver	< 0.45	0.45	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Sodium	< 890	890	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Thallium	< 0.89	0.89	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Vanadium	10.1	4.5	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Zinc	21.7	4.5	mg/kg	1	03/04/26	03/04/26 LM	SW846 6010D ³	SW846 3050B ⁵

(1) Instrument QC Batch: MA60360

(2) Instrument QC Batch: MA60363

(3) Instrument QC Batch: MA60372

(4) Prep QC Batch: MP60443

(5) Prep QC Batch: MP60455

(6) Prep QC Batch: MP60459

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-3 14.5-15	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-3	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	73.3
Project:	14373, Peekskill Phase II, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.33	0.33	mg/kg	1	03/06/26 14:35	JD	SW846 9012B/LACHAT
Solids, Percent	73.3		%	1	03/02/26 11:35	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

4.3
4

Report of Analysis

Client Sample ID:	SB-4 8-8.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-4	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	68.9
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C213230.D	1	03/03/26 14:27	PS	n/a	n/a	V1C9155
Run #2							

	Initial Weight
Run #1	6.8 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	23.1	11	4.4	ug/kg	
71-43-2	Benzene	ND	0.53	0.49	ug/kg	
74-97-5	Bromochloromethane	ND	5.3	0.60	ug/kg	
75-27-4	Bromodichloromethane	ND	2.1	0.46	ug/kg	
75-25-2	Bromoform	ND	5.3	1.5	ug/kg	
74-83-9	Bromomethane	ND	5.3	0.82	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.6	ug/kg	
75-15-0	Carbon disulfide	ND	2.1	0.57	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.1	0.66	ug/kg	
108-90-7	Chlorobenzene	ND	2.1	0.49	ug/kg	
75-00-3	Chloroethane	ND	5.3	0.63	ug/kg	
67-66-3	Chloroform	ND	2.1	1.1	ug/kg	
74-87-3	Chloromethane	ND	5.3	2.1	ug/kg	
110-82-7	Cyclohexane	ND	2.1	0.70	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.1	0.74	ug/kg	
124-48-1	Dibromochloromethane	ND	2.1	0.60	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.45	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.58	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.53	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.53	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	5.3	0.78	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.53	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.50	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.70	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.90	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.65	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.1	0.50	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.1	0.51	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.49	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.48	ug/kg	
76-13-1	Freon 113	ND	5.3	2.8	ug/kg	
591-78-6	2-Hexanone	ND	5.3	2.3	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 8-8.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-4	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	68.9
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.1	1.5	ug/kg	
79-20-9	Methyl Acetate	ND	5.3	1.5	ug/kg	
108-87-2	Methylcyclohexane	ND	2.1	0.93	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.50	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.3	2.4	ug/kg	
75-09-2	Methylene chloride	ND	5.3	2.8	ug/kg	
100-42-5	Styrene	ND	2.1	0.43	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.1	0.64	ug/kg	
127-18-4	Tetrachloroethene	ND	2.1	0.62	ug/kg	
108-88-3	Toluene	ND	1.1	0.56	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.3	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.1	0.52	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.59	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.81	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.3	0.73	ug/kg	
75-01-4	Vinyl chloride	ND	2.1	0.51	ug/kg	
	m,p-Xylene	ND	1.1	0.96	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.49	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.49	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		80-124%
17060-07-0	1,2-Dichloroethane-D4	118%		75-133%
2037-26-5	Toluene-D8	107%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 8-8.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-4	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	68.9
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5P108284.D	1	03/03/26 17:42	AO	03/03/26 11:00	OP71358	E5P5111
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.8 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	94	23	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	240	29	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	240	40	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	240	84	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	240	180	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	240	50	ug/kg	
95-48-7	2-Methylphenol	ND	94	30	ug/kg	
	3&4-Methylphenol	ND	94	39	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	240	31	ug/kg	
100-02-7	4-Nitrophenol	ND	470	130	ug/kg	
87-86-5	Pentachlorophenol	ND	190	44	ug/kg	
108-95-2	Phenol	ND	94	25	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	240	31	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	240	35	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	240	28	ug/kg	
83-32-9	Acenaphthene	ND	47	16	ug/kg	
208-96-8	Acenaphthylene	ND	47	24	ug/kg	
98-86-2	Acetophenone	ND	240	10	ug/kg	
120-12-7	Anthracene	ND	47	29	ug/kg	
1912-24-9	Atrazine	ND	94	20	ug/kg	
56-55-3	Benzo(a)anthracene	ND	47	13	ug/kg	
50-32-8	Benzo(a)pyrene	ND	47	21	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	47	21	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	47	24	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	47	22	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	94	18	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	94	11	ug/kg	
92-52-4	1,1'-Biphenyl	ND	94	6.5	ug/kg	
100-52-7	Benzaldehyde	ND	240	12	ug/kg	
91-58-7	2-Chloronaphthalene	ND	94	11	ug/kg	
106-47-8	4-Chloroaniline	ND	240	17	ug/kg	
86-74-8	Carbazole	ND	94	6.8	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 8-8.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-4	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	68.9
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	94	19	ug/kg	
218-01-9	Chrysene	ND	47	15	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	94	10	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	94	20	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	94	17	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	94	15	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	47	15	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	47	24	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	94	39	ug/kg	
123-91-1	1,4-Dioxane	ND	47	31	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	47	21	ug/kg	
132-64-9	Dibenzofuran	ND	94	19	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	94	7.7	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	94	12	ug/kg	
84-66-2	Diethyl phthalate	ND	94	10	ug/kg	
131-11-3	Dimethyl phthalate	ND	94	8.4	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	94	11	ug/kg	
206-44-0	Fluoranthene	ND	47	21	ug/kg	
86-73-7	Fluorene	ND	47	22	ug/kg	
118-74-1	Hexachlorobenzene	ND	94	12	ug/kg	
87-68-3	Hexachlorobutadiene	ND	47	19	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	470	19	ug/kg	
67-72-1	Hexachloroethane	ND	240	23	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	47	22	ug/kg	
78-59-1	Isophorone	ND	94	10	ug/kg	
91-57-6	2-Methylnaphthalene	ND	47	11	ug/kg	
88-74-4	2-Nitroaniline ^a	ND	240	11	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	240	12	ug/kg	
100-01-6	4-Nitroaniline	ND	240	12	ug/kg	
91-20-3	Naphthalene	ND	47	13	ug/kg	
98-95-3	Nitrobenzene	ND	94	18	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	94	14	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	240	17	ug/kg	
85-01-8	Phenanthrene	ND	47	16	ug/kg	
129-00-0	Pyrene	ND	47	15	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	240	12	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		10-99%

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Report of Analysis

Client Sample ID:	SB-4 8-8.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-4	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	68.9
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	68%		10-96%
118-79-6	2,4,6-Tribromophenol	79%		10-123%
4165-60-0	Nitrobenzene-d5	76%		10-109%
321-60-8	2-Fluorobiphenyl	70%		11-109%
1718-51-0	Terphenyl-d14	87%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
57-10-3	n-Hexadecanoic acid	7.62	910	ug/kg	JNB
57-11-4	Octadecanoic acid	8.28	250	ug/kg	JN
	Unknown	9.16	330	ug/kg	J
	Alkene	9.36	790	ug/kg	J
	Unknown ketone	9.40	190	ug/kg	J
	Alkane	9.66	330	ug/kg	J
	Alkane	9.97	400	ug/kg	J
	Unknown	11.64	250	ug/kg	J
	Unknown	12.17	280	ug/kg	J
	Unknown	13.37	220	ug/kg	J
	Total TIC, Semi-Volatile		3040	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 8-8.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-4	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	68.9
Method:	SW846 8081B SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G220066.D	1	03/06/26 17:59	RK	03/03/26 11:00	OP71355	G1G7968
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.95	0.79	ug/kg	
319-84-6	alpha-BHC	ND	0.95	0.78	ug/kg	
319-85-7	beta-BHC	ND	0.95	0.86	ug/kg	
319-86-8	delta-BHC	ND	0.95	0.92	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.95	0.70	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.95	0.77	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.95	0.43	ug/kg	
60-57-1	Dieldrin	ND	0.95	0.66	ug/kg	
72-54-8	4,4' -DDD	ND	0.95	0.88	ug/kg	
72-55-9	4,4' -DDE	ND	0.95	0.84	ug/kg	
50-29-3	4,4' -DDT	ND	0.95	0.85	ug/kg	
72-20-8	Endrin	ND	0.95	0.74	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.95	0.75	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.95	0.54	ug/kg	
959-98-8	Endosulfan-I	ND	0.95	0.55	ug/kg	
33213-65-9	Endosulfan-II	ND	0.95	0.60	ug/kg	
76-44-8	Heptachlor	ND	0.95	0.82	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.95	0.67	ug/kg	
72-43-5	Methoxychlor	ND	1.9	0.76	ug/kg	
53494-70-5	Endrin ketone	ND	0.95	0.69	ug/kg	
8001-35-2	Toxaphene	ND	24	22	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		13-162%
877-09-8	Tetrachloro-m-xylene	73%		13-162%
2051-24-3	Decachlorobiphenyl	76%		10-180%
2051-24-3	Decachlorobiphenyl	70%		10-180%

ND = Not detected MDL = Method Detection Limit

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-4 8-8.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-4	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	68.9
Method:	SW846 8082A SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G158435.D	1	03/04/26 02:56	AS	03/03/26 11:00	OP71356	G3G5744
Run #2							

	Initial Weight	Final Volume
Run #1	15.2 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	48	22	ug/kg	
11104-28-2	Aroclor 1221	ND	48	30	ug/kg	
11141-16-5	Aroclor 1232	ND	48	30	ug/kg	
53469-21-9	Aroclor 1242	ND	48	20	ug/kg	
12672-29-6	Aroclor 1248	ND	48	43	ug/kg	
11097-69-1	Aroclor 1254	ND	48	26	ug/kg	
11096-82-5	Aroclor 1260	ND	48	20	ug/kg	
11100-14-4	Aroclor 1268	ND	48	42	ug/kg	
37324-23-5	Aroclor 1262	ND	48	31	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	58%		10-174%
877-09-8	Tetrachloro-m-xylene	95%		10-174%
2051-24-3	Decachlorobiphenyl	50%		10-195%
2051-24-3	Decachlorobiphenyl	62%		10-195%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

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 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-4 8-8.5

Lab Sample ID: JE29061-4

Matrix: SO - Soil

Date Sampled: 02/27/26

Date Received: 02/28/26

Percent Solids: 68.9

Project: 14373, Peekskill Phase II, NY

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	17700	47	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Antimony	< 9.4	9.4	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴
Arsenic	11.1	9.4	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴
Barium	90.1	19	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Beryllium	0.99	0.19	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cadmium	< 0.47	0.47	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Calcium	9900	470	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Chromium	23.8	0.94	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cobalt	16.1	4.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Copper	35.3	2.4	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Iron	31700	240	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴
Lead	13.7	9.4	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴
Magnesium	8660	470	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Manganese	400	1.4	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Mercury	< 0.041	0.041	mg/kg	1	03/03/26	03/04/26 MK	SW846 7471B ²	SW846 7471B ⁵
Nickel	36.2	3.8	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Potassium	2590	940	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Selenium	< 9.4	9.4	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴
Silver	< 0.47	0.47	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Sodium	< 940	940	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Thallium	< 4.7	4.7	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴
Vanadium	24.9	4.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Zinc	89.4	4.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴

(1) Instrument QC Batch: MA60360

(2) Instrument QC Batch: MA60363

(3) Instrument QC Batch: MA60367

(4) Prep QC Batch: MP60443

(5) Prep QC Batch: MP60459

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-4 8-8.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-4	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	68.9
Project:	14373, Peekskill Phase II, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.33	0.33	mg/kg	1	03/06/26 14:36	JD	SW846 9012B/LACHAT
Solids, Percent	68.9		%	1	03/02/26 11:35	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

4.4
4

Report of Analysis

Client Sample ID:	SB-5 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-5	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	75.6
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C213231.D	1	03/03/26 14:54	PS	n/a	n/a	V1C9155
Run #2							

Run #	Initial Weight
Run #1	6.1 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	45.5	11	4.5	ug/kg	
71-43-2	Benzene	ND	0.54	0.49	ug/kg	
74-97-5	Bromochloromethane	ND	5.4	0.61	ug/kg	
75-27-4	Bromodichloromethane	ND	2.2	0.47	ug/kg	
75-25-2	Bromoform	ND	5.4	1.5	ug/kg	
74-83-9	Bromomethane	ND	5.4	0.83	ug/kg	
78-93-3	2-Butanone (MEK)	ND	11	2.6	ug/kg	
75-15-0	Carbon disulfide	1.6	2.2	0.58	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.2	0.67	ug/kg	
108-90-7	Chlorobenzene	ND	2.2	0.50	ug/kg	
75-00-3	Chloroethane	ND	5.4	0.64	ug/kg	
67-66-3	Chloroform	ND	2.2	1.1	ug/kg	
74-87-3	Chloromethane	ND	5.4	2.1	ug/kg	
110-82-7	Cyclohexane	ND	2.2	0.71	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.75	ug/kg	
124-48-1	Dibromochloromethane	ND	2.2	0.61	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.1	0.46	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.1	0.59	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.1	0.54	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.1	0.54	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	5.4	0.79	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.1	0.54	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.1	0.51	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.1	0.71	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.91	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.66	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.2	0.51	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.2	0.52	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.2	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	1.1	0.49	ug/kg	
76-13-1	Freon 113	ND	5.4	2.9	ug/kg	
591-78-6	2-Hexanone	ND	5.4	2.3	ug/kg	

ND = Not detected MDL = Method Detection Limit

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RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-5	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	75.6
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.2	1.5	ug/kg	
79-20-9	Methyl Acetate	ND	5.4	1.5	ug/kg	
108-87-2	Methylcyclohexane	ND	2.2	0.95	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.1	0.51	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.4	2.5	ug/kg	
75-09-2	Methylene chloride	ND	5.4	2.8	ug/kg	
100-42-5	Styrene	ND	2.2	0.44	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.2	0.65	ug/kg	
127-18-4	Tetrachloroethene	ND	2.2	0.63	ug/kg	
108-88-3	Toluene	ND	1.1	0.57	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.4	2.7	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.4	2.7	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.2	0.52	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.2	0.60	ug/kg	
79-01-6	Trichloroethene	ND	1.1	0.83	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.4	0.74	ug/kg	
75-01-4	Vinyl chloride	ND	2.2	0.52	ug/kg	
	m,p-Xylene	ND	1.1	0.97	ug/kg	
95-47-6	o-Xylene	ND	1.1	0.50	ug/kg	
1330-20-7	Xylene (total)	ND	1.1	0.50	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		80-124%
17060-07-0	1,2-Dichloroethane-D4	109%		75-133%
2037-26-5	Toluene-D8	108%		79-125%
460-00-4	4-Bromofluorobenzene	97%		58-148%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-5	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	75.6
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5P108285.D	1	03/03/26 18:05	AO	03/03/26 11:00	OP71358	E5P5111
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.4 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	84	21	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	26	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	36	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	75	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	210	160	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	210	45	ug/kg	
95-48-7	2-Methylphenol	ND	84	27	ug/kg	
	3&4-Methylphenol	ND	84	35	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	210	28	ug/kg	
100-02-7	4-Nitrophenol	ND	420	110	ug/kg	
87-86-5	Pentachlorophenol	ND	170	40	ug/kg	
108-95-2	Phenol	ND	84	22	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	28	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	32	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	25	ug/kg	
83-32-9	Acenaphthene	ND	42	15	ug/kg	
208-96-8	Acenaphthylene	ND	42	21	ug/kg	
98-86-2	Acetophenone	ND	210	9.1	ug/kg	
120-12-7	Anthracene	ND	42	26	ug/kg	
1912-24-9	Atrazine	ND	84	18	ug/kg	
56-55-3	Benzo(a)anthracene	ND	42	12	ug/kg	
50-32-8	Benzo(a)pyrene	ND	42	19	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	42	19	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	42	21	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	42	20	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	84	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	84	10	ug/kg	
92-52-4	1,1'-Biphenyl	ND	84	5.8	ug/kg	
100-52-7	Benzaldehyde	ND	210	10	ug/kg	
91-58-7	2-Chloronaphthalene	ND	84	10	ug/kg	
106-47-8	4-Chloroaniline	ND	210	15	ug/kg	
86-74-8	Carbazole	ND	84	6.1	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-5 11-11.5

Lab Sample ID: JE29061-5

Matrix: SO - Soil

Method: SW846 8270E SW846 3546

Project: 14373, Peekskill Phase II, NY

Date Sampled: 02/27/26

Date Received: 02/28/26

Percent Solids: 75.6

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	84	17	ug/kg	
218-01-9	Chrysene	ND	42	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	84	9.0	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	84	18	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	84	15	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	84	14	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	42	13	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	42	21	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	84	35	ug/kg	
123-91-1	1,4-Dioxane	ND	42	28	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	42	19	ug/kg	
132-64-9	Dibenzofuran	ND	84	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	84	6.9	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	84	10	ug/kg	
84-66-2	Diethyl phthalate	ND	84	9.0	ug/kg	
131-11-3	Dimethyl phthalate	ND	84	7.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	84	9.9	ug/kg	
206-44-0	Fluoranthene	ND	42	19	ug/kg	
86-73-7	Fluorene	ND	42	19	ug/kg	
118-74-1	Hexachlorobenzene	ND	84	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	42	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	420	17	ug/kg	
67-72-1	Hexachloroethane	ND	210	21	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	42	20	ug/kg	
78-59-1	Isophorone	ND	84	9.0	ug/kg	
91-57-6	2-Methylnaphthalene	ND	42	9.5	ug/kg	
88-74-4	2-Nitroaniline ^a	ND	210	9.9	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	210	11	ug/kg	
100-01-6	4-Nitroaniline	ND	210	11	ug/kg	
91-20-3	Naphthalene	ND	42	12	ug/kg	
98-95-3	Nitrobenzene	ND	84	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	84	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	15	ug/kg	
85-01-8	Phenanthrene	ND	42	14	ug/kg	
129-00-0	Pyrene	ND	42	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	54%		10-99%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-5	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	75.6
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	59%		10-96%
118-79-6	2,4,6-Tribromophenol	76%		10-123%
4165-60-0	Nitrobenzene-d5	63%		10-109%
321-60-8	2-Fluorobiphenyl	65%		11-109%
1718-51-0	Terphenyl-d14	79%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
57-10-3	n-Hexadecanoic acid	7.61	570	ug/kg	JNB
57-11-4	Octadecanoic acid	8.28	170	ug/kg	JN
	Unknown acid	9.36	530	ug/kg	J
	Alkane	9.66	600	ug/kg	J
	Unknown	9.99	310	ug/kg	J
	Unknown acid	10.21	210	ug/kg	J
	Alkane	10.30	170	ug/kg	J
	Unknown	11.64	170	ug/kg	J
	Unknown	12.17	270	ug/kg	J
	Total TIC, Semi-Volatile		2430	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-5	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	75.6
Method:	SW846 8081B SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G220067.D	1	03/06/26 18:17	RK	03/03/26 11:00	OP71355	G1G7968
Run #2							

	Initial Weight	Final Volume
Run #1	16.3 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.81	0.67	ug/kg	
319-84-6	alpha-BHC	ND	0.81	0.66	ug/kg	
319-85-7	beta-BHC	ND	0.81	0.73	ug/kg	
319-86-8	delta-BHC	ND	0.81	0.78	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.81	0.60	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.81	0.65	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.81	0.37	ug/kg	
60-57-1	Dieldrin	ND	0.81	0.56	ug/kg	
72-54-8	4,4' -DDD	ND	0.81	0.74	ug/kg	
72-55-9	4,4' -DDE	ND	0.81	0.71	ug/kg	
50-29-3	4,4' -DDT	ND	0.81	0.72	ug/kg	
72-20-8	Endrin	ND	0.81	0.63	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.81	0.63	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.81	0.46	ug/kg	
959-98-8	Endosulfan-I	ND	0.81	0.47	ug/kg	
33213-65-9	Endosulfan-II	ND	0.81	0.51	ug/kg	
76-44-8	Heptachlor	ND	0.81	0.70	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.81	0.57	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.65	ug/kg	
53494-70-5	Endrin ketone	ND	0.81	0.59	ug/kg	
8001-35-2	Toxaphene	ND	20	19	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	56%		13-162%
877-09-8	Tetrachloro-m-xylene	69%		13-162%
2051-24-3	Decachlorobiphenyl	76%		10-180%
2051-24-3	Decachlorobiphenyl	64%		10-180%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-5	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	75.6
Method:	SW846 8082A SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G158436.D	1	03/04/26 03:12	AS	03/03/26 11:00	OP71356	G3G5744
Run #2							

	Initial Weight	Final Volume
Run #1	16.3 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	41	19	ug/kg	
11104-28-2	Aroclor 1221	ND	41	25	ug/kg	
11141-16-5	Aroclor 1232	ND	41	26	ug/kg	
53469-21-9	Aroclor 1242	ND	41	17	ug/kg	
12672-29-6	Aroclor 1248	ND	41	36	ug/kg	
11097-69-1	Aroclor 1254	ND	41	22	ug/kg	
11096-82-5	Aroclor 1260	ND	41	17	ug/kg	
11100-14-4	Aroclor 1268	ND	41	36	ug/kg	
37324-23-5	Aroclor 1262	ND	41	27	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	63%		10-174%
877-09-8	Tetrachloro-m-xylene	99%		10-174%
2051-24-3	Decachlorobiphenyl	55%		10-195%
2051-24-3	Decachlorobiphenyl	66%		10-195%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-5 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-5	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	75.6
Project:	14373, Peekskill Phase II, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	5310	44	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Antimony	< 1.7	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Arsenic	1.7	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Barium	17.5	17	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Beryllium	0.19	0.17	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cadmium	< 0.44	0.44	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Calcium	1710	440	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Chromium	8.4	0.87	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cobalt	< 4.4	4.4	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Copper	7.2	2.2	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Iron	9660	44	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Lead	7.4	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Magnesium	2850	440	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Manganese	88.8	1.3	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Mercury	< 0.040	0.040	mg/kg	1	03/03/26	03/04/26 MK	SW846 7471B ²	SW846 7471B ⁶
Nickel	7.3	3.5	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Potassium	1050	870	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Selenium	< 1.7	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Silver	< 0.44	0.44	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Sodium	< 870	870	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Thallium	< 0.87	0.87	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Vanadium	11.7	4.4	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Zinc	27.9	4.3	mg/kg	1	03/04/26	03/04/26 LM	SW846 6010D ³	SW846 3050B ⁵

(1) Instrument QC Batch: MA60360

(2) Instrument QC Batch: MA60363

(3) Instrument QC Batch: MA60372

(4) Prep QC Batch: MP60443

(5) Prep QC Batch: MP60455

(6) Prep QC Batch: MP60459

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-5 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-5	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	75.6
Project:	14373, Peekskill Phase II, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.31	0.31	mg/kg	1	03/06/26 14:39	JD	SW846 9012B/LACHAT
Solids, Percent	75.6		%	1	03/02/26 11:35	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

4.5
4

Report of Analysis

Client Sample ID:	SB-6 14-14.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-6	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.3
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C213232.D	1	03/03/26 15:21	PS	n/a	n/a	V1C9155
Run #2							

	Initial Weight
Run #1	10.4 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	19.9	6.3	2.6	ug/kg	
71-43-2	Benzene	ND	0.32	0.29	ug/kg	
74-97-5	Bromochloromethane	ND	3.2	0.35	ug/kg	
75-27-4	Bromodichloromethane	ND	1.3	0.27	ug/kg	
75-25-2	Bromoform	ND	3.2	0.86	ug/kg	
74-83-9	Bromomethane	ND	3.2	0.48	ug/kg	
78-93-3	2-Butanone (MEK)	ND	6.3	1.5	ug/kg	
75-15-0	Carbon disulfide	1.4	1.3	0.34	ug/kg	
56-23-5	Carbon tetrachloride	ND	1.3	0.39	ug/kg	
108-90-7	Chlorobenzene	ND	1.3	0.29	ug/kg	
75-00-3	Chloroethane	ND	3.2	0.37	ug/kg	
67-66-3	Chloroform	ND	1.3	0.63	ug/kg	
74-87-3	Chloromethane	ND	3.2	1.2	ug/kg	
110-82-7	Cyclohexane	ND	1.3	0.41	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.3	0.44	ug/kg	
124-48-1	Dibromochloromethane	ND	1.3	0.35	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.63	0.27	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.63	0.34	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.63	0.31	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.63	0.31	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	3.2	0.46	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.63	0.31	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.63	0.30	ug/kg	
75-35-4	1,1-Dichloroethene	0.46	0.63	0.41	ug/kg	J
156-59-2	cis-1,2-Dichloroethene	ND	0.63	0.53	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.63	0.38	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.3	0.30	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	0.30	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.29	ug/kg	
100-41-4	Ethylbenzene	ND	0.63	0.29	ug/kg	
76-13-1	Freon 113	ND	3.2	1.7	ug/kg	
591-78-6	2-Hexanone	ND	3.2	1.3	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 14-14.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-6	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.3
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.3	0.89	ug/kg	
79-20-9	Methyl Acetate	ND	3.2	0.88	ug/kg	
108-87-2	Methylcyclohexane	ND	1.3	0.55	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.63	0.30	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	3.2	1.4	ug/kg	
75-09-2	Methylene chloride	ND	3.2	1.6	ug/kg	
100-42-5	Styrene	ND	1.3	0.25	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	0.38	ug/kg	
127-18-4	Tetrachloroethene	ND	1.3	0.37	ug/kg	
108-88-3	Toluene	ND	0.63	0.33	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	3.2	1.6	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	3.2	1.6	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.3	0.30	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.35	ug/kg	
79-01-6	Trichloroethene	ND	0.63	0.48	ug/kg	
75-69-4	Trichlorofluoromethane	ND	3.2	0.43	ug/kg	
75-01-4	Vinyl chloride	ND	1.3	0.30	ug/kg	
	m,p-Xylene	ND	0.63	0.56	ug/kg	
95-47-6	o-Xylene	ND	0.63	0.29	ug/kg	
1330-20-7	Xylene (total)	ND	0.63	0.29	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		80-124%
17060-07-0	1,2-Dichloroethane-D4	115%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	87%		58-148%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

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 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-6 14-14.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-6	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.3
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5P108286.D	1	03/03/26 18:28	AO	03/03/26 11:00	OP71358	E5P5111
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	85	21	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	210	26	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	210	36	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	210	75	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	210	160	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	210	45	ug/kg	
95-48-7	2-Methylphenol	ND	85	27	ug/kg	
	3&4-Methylphenol	ND	85	35	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	210	28	ug/kg	
100-02-7	4-Nitrophenol	ND	420	110	ug/kg	
87-86-5	Pentachlorophenol	ND	170	40	ug/kg	
108-95-2	Phenol	ND	85	22	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	28	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	210	32	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	210	25	ug/kg	
83-32-9	Acenaphthene	ND	42	15	ug/kg	
208-96-8	Acenaphthylene	ND	42	22	ug/kg	
98-86-2	Acetophenone	ND	210	9.1	ug/kg	
120-12-7	Anthracene	ND	42	26	ug/kg	
1912-24-9	Atrazine	ND	85	18	ug/kg	
56-55-3	Benzo(a)anthracene	ND	42	12	ug/kg	
50-32-8	Benzo(a)pyrene	ND	42	19	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	42	19	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	42	21	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	42	20	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	85	16	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	85	10	ug/kg	
92-52-4	1,1'-Biphenyl	ND	85	5.8	ug/kg	
100-52-7	Benzaldehyde	ND	210	11	ug/kg	
91-58-7	2-Chloronaphthalene	ND	85	10	ug/kg	
106-47-8	4-Chloroaniline	ND	210	15	ug/kg	
86-74-8	Carbazole	ND	85	6.2	ug/kg	

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Report of Analysis

Client Sample ID:	SB-6 14-14.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-6	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.3
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	85	17	ug/kg	
218-01-9	Chrysene	ND	42	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	85	9.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	85	18	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	85	15	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	85	14	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	42	13	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	42	21	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	85	35	ug/kg	
123-91-1	1,4-Dioxane	ND	42	28	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	42	19	ug/kg	
132-64-9	Dibenzofuran	ND	85	17	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	85	6.9	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	85	11	ug/kg	
84-66-2	Diethyl phthalate	ND	85	9.0	ug/kg	
131-11-3	Dimethyl phthalate	ND	85	7.5	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	85	9.9	ug/kg	
206-44-0	Fluoranthene	ND	42	19	ug/kg	
86-73-7	Fluorene	ND	42	19	ug/kg	
118-74-1	Hexachlorobenzene	ND	85	11	ug/kg	
87-68-3	Hexachlorobutadiene	ND	42	17	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	420	17	ug/kg	
67-72-1	Hexachloroethane	ND	210	21	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	42	20	ug/kg	
78-59-1	Isophorone	ND	85	9.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	42	9.6	ug/kg	
88-74-4	2-Nitroaniline ^a	ND	210	10	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	210	11	ug/kg	
100-01-6	4-Nitroaniline	ND	210	11	ug/kg	
91-20-3	Naphthalene	ND	42	12	ug/kg	
98-95-3	Nitrobenzene	ND	85	16	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	85	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	210	16	ug/kg	
85-01-8	Phenanthrene	ND	42	14	ug/kg	
129-00-0	Pyrene	ND	42	14	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	11	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	66%		10-99%

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Report of Analysis

Client Sample ID:	SB-6 14-14.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-6	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.3
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	69%		10-96%
118-79-6	2,4,6-Tribromophenol	89%		10-123%
4165-60-0	Nitrobenzene-d5	75%		10-109%
321-60-8	2-Fluorobiphenyl	69%		11-109%
1718-51-0	Terphenyl-d14	91%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
57-10-3	n-Hexadecanoic acid	7.62	970	ug/kg	JNB
57-11-4	Octadecanoic acid	8.28	240	ug/kg	JN
	Unknown acid	9.36	700	ug/kg	J
	Alkane	9.66	240	ug/kg	J
	Unknown	9.99	260	ug/kg	J
	Unknown	10.94	230	ug/kg	J
	Unknown	11.64	200	ug/kg	J
	Unknown	12.17	420	ug/kg	J
	Unknown	13.29	190	ug/kg	J
	Total TIC, Semi-Volatile		2480	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
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Report of Analysis

Client Sample ID:	SB-6 14-14.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-6	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.3
Method:	SW846 8081B SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G220068.D	1	03/06/26 18:34	RK	03/03/26 11:00	OP71355	G1G7968
Run #2							

	Initial Weight	Final Volume
Run #1	16.9 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.78	0.64	ug/kg	
319-84-6	alpha-BHC	ND	0.78	0.63	ug/kg	
319-85-7	beta-BHC	ND	0.78	0.70	ug/kg	
319-86-8	delta-BHC	ND	0.78	0.74	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.78	0.57	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.78	0.63	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.78	0.35	ug/kg	
60-57-1	Dieldrin	ND	0.78	0.53	ug/kg	
72-54-8	4,4' -DDD	ND	0.78	0.71	ug/kg	
72-55-9	4,4' -DDE	ND	0.78	0.68	ug/kg	
50-29-3	4,4' -DDT	ND	0.78	0.69	ug/kg	
72-20-8	Endrin	ND	0.78	0.60	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.78	0.61	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.78	0.44	ug/kg	
959-98-8	Endosulfan-I	ND	0.78	0.45	ug/kg	
33213-65-9	Endosulfan-II	ND	0.78	0.48	ug/kg	
76-44-8	Heptachlor	ND	0.78	0.67	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.78	0.54	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.62	ug/kg	
53494-70-5	Endrin ketone	ND	0.78	0.56	ug/kg	
8001-35-2	Toxaphene	ND	19	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		13-162%
877-09-8	Tetrachloro-m-xylene	64%		13-162%
2051-24-3	Decachlorobiphenyl	69%		10-180%
2051-24-3	Decachlorobiphenyl	61%		10-180%

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Report of Analysis

Client Sample ID:	SB-6 14-14.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-6	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.3
Method:	SW846 8082A SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G158437.D	1	03/04/26 03:29	AS	03/03/26 11:00	OP71356	G3G5744
Run #2							

	Initial Weight	Final Volume
Run #1	16.9 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	24	ug/kg	
11141-16-5	Aroclor 1232	ND	39	25	ug/kg	
53469-21-9	Aroclor 1242	ND	39	16	ug/kg	
12672-29-6	Aroclor 1248	ND	39	35	ug/kg	
11097-69-1	Aroclor 1254	ND	39	21	ug/kg	
11096-82-5	Aroclor 1260	ND	39	17	ug/kg	
11100-14-4	Aroclor 1268	ND	39	34	ug/kg	
37324-23-5	Aroclor 1262	ND	39	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	56%		10-174%
877-09-8	Tetrachloro-m-xylene	91%		10-174%
2051-24-3	Decachlorobiphenyl	50%		10-195%
2051-24-3	Decachlorobiphenyl	59%		10-195%

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RL = Reporting Limit

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Report of Analysis

Client Sample ID:	SB-6 14-14.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-6	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.3
Project:	14373, Peekskill Phase II, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	5460	43	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Antimony	< 1.7	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Arsenic	< 1.7	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Barium	19.4	17	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Beryllium	0.18	0.17	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cadmium	< 0.43	0.43	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Calcium	1760	430	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Chromium	9.5	0.87	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cobalt	4.4	4.3	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Copper	4.9	2.2	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Iron	10200	43	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Lead	2.9	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Magnesium	3100	430	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Manganese	111	1.3	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Mercury	< 0.040	0.040	mg/kg	1	03/03/26	03/04/26 MK	SW846 7471B ²	SW846 7471B ⁶
Nickel	8.0	3.5	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Potassium	1240	870	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Selenium	< 1.7	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Silver	< 0.43	0.43	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Sodium	< 870	870	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Thallium	< 0.87	0.87	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Vanadium	12.5	4.3	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Zinc	26.0	4.3	mg/kg	1	03/04/26	03/04/26 LM	SW846 6010D ³	SW846 3050B ⁵

(1) Instrument QC Batch: MA60360

(2) Instrument QC Batch: MA60363

(3) Instrument QC Batch: MA60372

(4) Prep QC Batch: MP60443

(5) Prep QC Batch: MP60455

(6) Prep QC Batch: MP60459

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-6 14-14.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-6	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	76.3
Project:	14373, Peekskill Phase II, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.36	0.36	mg/kg	1	03/06/26 14:40	JD	SW846 9012B/LACHAT
Solids, Percent	76.3		%	1	03/02/26 11:35	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

4.6
4

Report of Analysis

Client Sample ID:	SB-7 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-7	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	86.7
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C213233.D	1	03/03/26 15:48	PS	n/a	n/a	V1C9155
Run #2							

	Initial Weight
Run #1	5.0 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	12	4.8	ug/kg	
71-43-2	Benzene	ND	0.58	0.52	ug/kg	
74-97-5	Bromochloromethane	ND	5.8	0.65	ug/kg	
75-27-4	Bromodichloromethane	ND	2.3	0.49	ug/kg	
75-25-2	Bromoform	ND	5.8	1.6	ug/kg	
74-83-9	Bromomethane	ND	5.8	0.88	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.8	ug/kg	
75-15-0	Carbon disulfide	ND	2.3	0.62	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.3	0.71	ug/kg	
108-90-7	Chlorobenzene	ND	2.3	0.53	ug/kg	
75-00-3	Chloroethane	ND	5.8	0.68	ug/kg	
67-66-3	Chloroform	ND	2.3	1.2	ug/kg	
74-87-3	Chloromethane	ND	5.8	2.3	ug/kg	
110-82-7	Cyclohexane	ND	2.3	0.76	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.3	0.80	ug/kg	
124-48-1	Dibromochloromethane	ND	2.3	0.65	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.49	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.63	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.57	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.57	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	5.8	0.84	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.57	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.54	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.76	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.97	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.70	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.3	0.55	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	0.55	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	0.53	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.52	ug/kg	
76-13-1	Freon 113	ND	5.8	3.1	ug/kg	
591-78-6	2-Hexanone	ND	5.8	2.4	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-7 4-4.5
Lab Sample ID: JE29061-7
Matrix: SO - Soil
Method: SW846 8260D
Project: 14373, Peekskill Phase II, NY

Date Sampled: 02/27/26

Date Received: 02/28/26

Percent Solids: 86.7

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.3	1.6	ug/kg	
79-20-9	Methyl Acetate	ND	5.8	1.6	ug/kg	
108-87-2	Methylcyclohexane	ND	2.3	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.54	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.8	2.6	ug/kg	
75-09-2	Methylene chloride	ND	5.8	3.0	ug/kg	
100-42-5	Styrene	ND	2.3	0.46	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	0.69	ug/kg	
127-18-4	Tetrachloroethene	ND	2.3	0.67	ug/kg	
108-88-3	Toluene	ND	1.2	0.61	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.8	2.9	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.8	2.9	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.3	0.56	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.3	0.64	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.88	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.8	0.79	ug/kg	
75-01-4	Vinyl chloride	ND	2.3	0.55	ug/kg	
	m,p-Xylene	ND	1.2	1.0	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.53	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.53	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		80-124%
17060-07-0	1,2-Dichloroethane-D4	117%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	98%		58-148%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-7	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	86.7
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5P108287.D	1	03/03/26 18:51	AO	03/03/26 11:00	OP71358	E5P5111
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	76	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	190	23	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	190	32	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	190	68	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	190	140	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	190	41	ug/kg	
95-48-7	2-Methylphenol	ND	76	24	ug/kg	
	3&4-Methylphenol	ND	76	31	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	190	25	ug/kg	
100-02-7	4-Nitrophenol	ND	380	100	ug/kg	
87-86-5	Pentachlorophenol	ND	150	36	ug/kg	
108-95-2	Phenol	ND	76	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	25	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	190	28	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	190	23	ug/kg	
83-32-9	Acenaphthene	32.2	38	13	ug/kg	J
208-96-8	Acenaphthylene	177	38	19	ug/kg	
98-86-2	Acetophenone	ND	190	8.2	ug/kg	
120-12-7	Anthracene	177	38	23	ug/kg	
1912-24-9	Atrazine	ND	76	16	ug/kg	
56-55-3	Benzo(a)anthracene	661	38	11	ug/kg	
50-32-8	Benzo(a)pyrene	666	38	17	ug/kg	
205-99-2	Benzo(b)fluoranthene	856	38	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	542	38	19	ug/kg	
207-08-9	Benzo(k)fluoranthene	303	38	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	76	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	76	9.3	ug/kg	
92-52-4	1,1'-Biphenyl	27.6	76	5.2	ug/kg	J
100-52-7	Benzaldehyde	ND	190	9.4	ug/kg	
91-58-7	2-Chloronaphthalene	ND	76	9.0	ug/kg	
106-47-8	4-Chloroaniline	ND	190	14	ug/kg	
86-74-8	Carbazole	65.9	76	5.5	ug/kg	J

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Report of Analysis

Client Sample ID:	SB-7 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-7	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	86.7
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	76	15	ug/kg	
218-01-9	Chrysene	713	38	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	76	8.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	76	16	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	76	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	76	12	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	38	12	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	38	19	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	76	32	ug/kg	
123-91-1	1,4-Dioxane	ND	38	25	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	159	38	17	ug/kg	
132-64-9	Dibenzofuran	49.4	76	15	ug/kg	J
84-74-2	Di-n-butyl phthalate	9.6	76	6.2	ug/kg	J
117-84-0	Di-n-octyl phthalate	ND	76	9.4	ug/kg	
84-66-2	Diethyl phthalate	ND	76	8.1	ug/kg	
131-11-3	Dimethyl phthalate	ND	76	6.8	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	90.2	76	8.9	ug/kg	
206-44-0	Fluoranthene	1170	38	17	ug/kg	
86-73-7	Fluorene	59.7	38	17	ug/kg	
118-74-1	Hexachlorobenzene	ND	76	9.6	ug/kg	
87-68-3	Hexachlorobutadiene	ND	38	15	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	380	15	ug/kg	
67-72-1	Hexachloroethane	ND	190	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	447	38	18	ug/kg	
78-59-1	Isophorone	ND	76	8.1	ug/kg	
91-57-6	2-Methylnaphthalene	184	38	8.6	ug/kg	
88-74-4	2-Nitroaniline ^a	ND	190	9.0	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	190	9.5	ug/kg	
100-01-6	4-Nitroaniline	ND	190	9.8	ug/kg	
91-20-3	Naphthalene	232	38	11	ug/kg	
98-95-3	Nitrobenzene	ND	76	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	76	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	190	14	ug/kg	
85-01-8	Phenanthrene	746	38	13	ug/kg	
129-00-0	Pyrene	1290	38	12	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	9.6	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	44%		10-99%

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Report of Analysis

Client Sample ID:	SB-7 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-7	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	86.7
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	46%		10-96%
118-79-6	2,4,6-Tribromophenol	58%		10-123%
4165-60-0	Nitrobenzene-d5	47%		10-109%
321-60-8	2-Fluorobiphenyl	52%		11-109%
1718-51-0	Terphenyl-d14	57%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
57-11-4	4H-Cyclopenta[def]phenanthrene	7.72	380	ug/kg	J
	Phenanthrene dimethyl	8.07	310	ug/kg	J
	Octadecanoic acid	8.29	550	ug/kg	JN
	Pyrene methyl	8.70	410	ug/kg	J
	Benzo[a]fluorene	9.17	470	ug/kg	J
	Unknown	9.23	310	ug/kg	J
	Benzo[b]naphtho[-d]thiophene	9.28	360	ug/kg	J
	Unknown	9.34	320	ug/kg	J
	Unknown	9.37	750	ug/kg	J
	Alkane	9.67	720	ug/kg	J
	Chrysene methyl	9.89	350	ug/kg	J
	Chrysene methyl	9.92	400	ug/kg	J
	Alkane	9.98	490	ug/kg	J
	Unknown	10.10	530	ug/kg	J
	Unknown	10.15	360	ug/kg	J
	Unknown	10.24	760	ug/kg	J
	Alkane	10.31	530	ug/kg	J
	Unknown	10.42	400	ug/kg	J
	Unknown PAH substance	10.70	640	ug/kg	J
	Unknown	10.81	450	ug/kg	J
	Unknown PAH substance	10.91	610	ug/kg	J
	Unknown	11.29	370	ug/kg	J
	Unknown	11.65	350	ug/kg	J
	Unknown	11.77	480	ug/kg	J
	Unknown	12.19	500	ug/kg	J
	Total TIC, Semi-Volatile		11800	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-7	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	86.7
Method:	SW846 8081B SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G220069.D	1	03/06/26 18:51	RK	03/03/26 11:00	OP71355	G1G7968
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.74	0.61	ug/kg	
319-84-6	alpha-BHC	ND	0.74	0.60	ug/kg	
319-85-7	beta-BHC	ND	0.74	0.67	ug/kg	
319-86-8	delta-BHC	ND	0.74	0.71	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.74	0.55	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.74	0.60	ug/kg	
5103-74-2	gamma-Chlordane ^a	0.56	0.74	0.34	ug/kg	J
60-57-1	Dieldrin	ND	0.74	0.51	ug/kg	
72-54-8	4,4' -DDD	ND	0.74	0.68	ug/kg	
72-55-9	4,4' -DDE	ND	0.74	0.65	ug/kg	
50-29-3	4,4' -DDT	ND	0.74	0.66	ug/kg	
72-20-8	Endrin	ND	0.74	0.58	ug/kg	
1031-07-8	Endosulfan sulfate ^a	1.4	0.74	0.58	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.74	0.42	ug/kg	
959-98-8	Endosulfan-I	ND	0.74	0.43	ug/kg	
33213-65-9	Endosulfan-II	ND	0.74	0.46	ug/kg	
76-44-8	Heptachlor	ND	0.74	0.64	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.74	0.52	ug/kg	
72-43-5	Methoxychlor ^a	2.8	1.5	0.59	ug/kg	
53494-70-5	Endrin ketone	ND	0.74	0.54	ug/kg	
8001-35-2	Toxaphene	ND	19	17	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	72%		13-162%
877-09-8	Tetrachloro-m-xylene	73%		13-162%
2051-24-3	Decachlorobiphenyl	250% ^b		10-180%
2051-24-3	Decachlorobiphenyl	285% ^b		10-180%

(a) More than 40 % RPD for detected concentrations between the two GC columns.

(b) Outside of in house control limits.

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E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-7 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-7	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	86.7
Method:	SW846 8082A SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G158438.D	1	03/04/26 03:45	AS	03/03/26 11:00	OP71356	G3G5744
Run #2							

	Initial Weight	Final Volume
Run #1	15.5 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	37	17	ug/kg	
11104-28-2	Aroclor 1221	ND	37	23	ug/kg	
11141-16-5	Aroclor 1232	ND	37	24	ug/kg	
53469-21-9	Aroclor 1242	ND	37	15	ug/kg	
12672-29-6	Aroclor 1248	ND	37	33	ug/kg	
11097-69-1	Aroclor 1254	ND	37	20	ug/kg	
11096-82-5	Aroclor 1260	ND	37	16	ug/kg	
11100-14-4	Aroclor 1268	ND	37	33	ug/kg	
37324-23-5	Aroclor 1262	ND	37	24	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	58%		10-174%
877-09-8	Tetrachloro-m-xylene	90%		10-174%
2051-24-3	Decachlorobiphenyl	166%		10-195%
2051-24-3	Decachlorobiphenyl	245% ^a		10-195%

(a) Outside of in house control limits.

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Report of Analysis

Client Sample ID:	SB-7 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-7	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	86.7
Project:	14373, Peekskill Phase II, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	6070	38	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Antimony	< 7.7	7.7	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴
Arsenic	23.0	7.7	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴
Barium	1120	77	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴
Beryllium	0.28	0.15	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cadmium	4.2	0.38	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Calcium	38700	1900	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴
Chromium	22.6	0.77	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cobalt	5.6	3.8	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Copper	45.5	1.9	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Iron	24400	190	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴
Lead	1100	7.7	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴
Magnesium	5500	380	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Manganese	216	1.1	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Mercury	0.26	0.032	mg/kg	1	03/03/26	03/04/26 MK	SW846 7471B ²	SW846 7471B ⁵
Nickel	9.2	3.1	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Potassium	2330	770	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Selenium	< 7.7	7.7	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴
Silver	0.56	0.38	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Sodium	< 770	770	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Thallium	< 3.8	3.8	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴
Vanadium	19.3	3.8	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Zinc	895	19	mg/kg	5	03/02/26	03/03/26 LM	SW846 6010D ³	SW846 3050B ⁴

(1) Instrument QC Batch: MA60360

(2) Instrument QC Batch: MA60363

(3) Instrument QC Batch: MA60367

(4) Prep QC Batch: MP60443

(5) Prep QC Batch: MP60459

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-7 4-4.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-7	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	86.7
Project:	14373, Peekskill Phase II, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	3.8	0.29	mg/kg	1	03/06/26 14:40	JD	SW846 9012B/LACHAT
Solids, Percent	86.7		%	1	03/02/26 11:35	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

4.7
4

Report of Analysis

Client Sample ID:	SB-8 9.5-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-8	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	90.0
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C213234.D	1	03/03/26 16:15	PS	n/a	n/a	V1C9155
Run #2							

Run #	Initial Weight
Run #1	6.8 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	10.7	8.2	3.4	ug/kg	
71-43-2	Benzene	ND	0.41	0.37	ug/kg	
74-97-5	Bromochloromethane	ND	4.1	0.46	ug/kg	
75-27-4	Bromodichloromethane	ND	1.6	0.35	ug/kg	
75-25-2	Bromoform	ND	4.1	1.1	ug/kg	
74-83-9	Bromomethane	ND	4.1	0.62	ug/kg	
78-93-3	2-Butanone (MEK)	ND	8.2	2.0	ug/kg	
75-15-0	Carbon disulfide	0.97	1.6	0.44	ug/kg	J
56-23-5	Carbon tetrachloride	ND	1.6	0.50	ug/kg	
108-90-7	Chlorobenzene	ND	1.6	0.37	ug/kg	
75-00-3	Chloroethane	ND	4.1	0.48	ug/kg	
67-66-3	Chloroform	ND	1.6	0.82	ug/kg	
74-87-3	Chloromethane	ND	4.1	1.6	ug/kg	
110-82-7	Cyclohexane	ND	1.6	0.54	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.6	0.57	ug/kg	
124-48-1	Dibromochloromethane	ND	1.6	0.46	ug/kg	
106-93-4	1,2-Dibromoethane	ND	0.82	0.34	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	0.82	0.45	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.82	0.41	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.82	0.40	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	4.1	0.59	ug/kg	
75-34-3	1,1-Dichloroethane	ND	0.82	0.40	ug/kg	
107-06-2	1,2-Dichloroethane	ND	0.82	0.38	ug/kg	
75-35-4	1,1-Dichloroethene	ND	0.82	0.54	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	0.82	0.69	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	0.82	0.50	ug/kg	
78-87-5	1,2-Dichloropropane	ND	1.6	0.39	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	1.6	0.39	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	1.6	0.37	ug/kg	
100-41-4	Ethylbenzene	ND	0.82	0.37	ug/kg	
76-13-1	Freon 113	ND	4.1	2.2	ug/kg	
591-78-6	2-Hexanone	ND	4.1	1.7	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-8 9.5-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-8	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	90.0
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.6	1.2	ug/kg	
79-20-9	Methyl Acetate	ND	4.1	1.1	ug/kg	
108-87-2	Methylcyclohexane	ND	1.6	0.71	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.82	0.38	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	4.1	1.9	ug/kg	
75-09-2	Methylene chloride	ND	4.1	2.1	ug/kg	
100-42-5	Styrene	ND	1.6	0.33	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.6	0.49	ug/kg	
127-18-4	Tetrachloroethene	ND	1.6	0.47	ug/kg	
108-88-3	Toluene	ND	0.82	0.43	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	4.1	2.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	4.1	2.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	1.6	0.39	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	1.6	0.45	ug/kg	
79-01-6	Trichloroethene	ND	0.82	0.62	ug/kg	
75-69-4	Trichlorofluoromethane	ND	4.1	0.56	ug/kg	
75-01-4	Vinyl chloride	ND	1.6	0.39	ug/kg	
	m,p-Xylene	ND	0.82	0.73	ug/kg	
95-47-6	o-Xylene	ND	0.82	0.37	ug/kg	
1330-20-7	Xylene (total)	ND	0.82	0.37	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		80-124%
17060-07-0	1,2-Dichloroethane-D4	112%		75-133%
2037-26-5	Toluene-D8	102%		79-125%
460-00-4	4-Bromofluorobenzene	101%		58-148%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-8 9.5-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-8	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	90.0
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5P108288.D	1	03/03/26 19:14	AO	03/03/26 11:00	OP71358	E5P5111
Run #2							

Run #	Initial Weight	Final Volume
Run #1	31.8 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	70	17	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	21	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	30	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	62	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	170	37	ug/kg	
95-48-7	2-Methylphenol	ND	70	22	ug/kg	
	3&4-Methylphenol	ND	70	29	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	170	23	ug/kg	
100-02-7	4-Nitrophenol	ND	350	93	ug/kg	
87-86-5	Pentachlorophenol	ND	140	33	ug/kg	
108-95-2	Phenol	ND	70	18	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	23	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	26	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	21	ug/kg	
83-32-9	Acenaphthene	ND	35	12	ug/kg	
208-96-8	Acenaphthylene	ND	35	18	ug/kg	
98-86-2	Acetophenone	ND	170	7.5	ug/kg	
120-12-7	Anthracene	ND	35	21	ug/kg	
1912-24-9	Atrazine	ND	70	15	ug/kg	
56-55-3	Benzo(a)anthracene	ND	35	9.9	ug/kg	
50-32-8	Benzo(a)pyrene	ND	35	16	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	35	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	35	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	35	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	70	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	70	8.5	ug/kg	
92-52-4	1,1'-Biphenyl	ND	70	4.8	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	70	8.3	ug/kg	
106-47-8	4-Chloroaniline	ND	170	13	ug/kg	
86-74-8	Carbazole	ND	70	5.1	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-8 9.5-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-8	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	90.0
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	70	14	ug/kg	
218-01-9	Chrysene	ND	35	11	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	70	7.5	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	70	15	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	70	13	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	70	11	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	35	11	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	35	18	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	70	29	ug/kg	
123-91-1	1,4-Dioxane	ND	35	23	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	35	15	ug/kg	
132-64-9	Dibenzofuran	ND	70	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	70	5.7	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	70	8.7	ug/kg	
84-66-2	Diethyl phthalate	ND	70	7.4	ug/kg	
131-11-3	Dimethyl phthalate	ND	70	6.2	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	70	8.2	ug/kg	
206-44-0	Fluoranthene	ND	35	16	ug/kg	
86-73-7	Fluorene	ND	35	16	ug/kg	
118-74-1	Hexachlorobenzene	ND	70	8.8	ug/kg	
87-68-3	Hexachlorobutadiene	ND	35	14	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	350	14	ug/kg	
67-72-1	Hexachloroethane	ND	170	17	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	35	16	ug/kg	
78-59-1	Isophorone	ND	70	7.5	ug/kg	
91-57-6	2-Methylnaphthalene	ND	35	7.9	ug/kg	
88-74-4	2-Nitroaniline ^a	ND	170	8.2	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	170	8.7	ug/kg	
100-01-6	4-Nitroaniline	ND	170	9.0	ug/kg	
91-20-3	Naphthalene	ND	35	9.9	ug/kg	
98-95-3	Nitrobenzene	ND	70	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	70	10	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	13	ug/kg	
85-01-8	Phenanthrene	ND	35	12	ug/kg	
129-00-0	Pyrene	ND	35	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	47%		10-99%

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Report of Analysis

Client Sample ID:	SB-8 9.5-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-8	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	90.0
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	50%		10-96%
118-79-6	2,4,6-Tribromophenol	66%		10-123%
4165-60-0	Nitrobenzene-d5	59%		10-109%
321-60-8	2-Fluorobiphenyl	55%		11-109%
1718-51-0	Terphenyl-d14	65%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
57-10-3	n-Hexadecanoic acid	7.61	400	ug/kg	JNB
57-11-4	Octadecanoic acid	8.28	450	ug/kg	JN
	Unknown	8.39	200	ug/kg	J
	Unknown	8.67	160	ug/kg	J
	Alkene	9.36	340	ug/kg	J
	Unknown	9.68	630	ug/kg	J
	Dibenzopyrene	9.77	400	ug/kg	J
	Dibenzopyrene	9.97	340	ug/kg	J
	Dibenzopyrene	10.08	190	ug/kg	J
	Dibenzopyrene	11.09	200	ug/kg	J
	Unknown	11.75	200	ug/kg	J
	Total TIC, Semi-Volatile		3110	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-8 9.5-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-8	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	90.0
Method:	SW846 8081B SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G220189.D	1	03/11/26 05:07	CP	03/03/26 11:00	OP71355	G1G7973
Run #2 ^a	1G220255.D	1	03/13/26 02:31	CP	03/03/26 11:00	OP71355	G1G7976

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2	15.7 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.71	0.58	ug/kg	
319-84-6	alpha-BHC	ND	0.71	0.58	ug/kg	
319-85-7	beta-BHC	ND	0.71	0.64	ug/kg	
319-86-8	delta-BHC	ND	0.71	0.68	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.71	0.52	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.71	0.57	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.71	0.32	ug/kg	
60-57-1	Dieldrin	ND	0.71	0.49	ug/kg	
72-54-8	4,4' -DDD	ND	0.71	0.65	ug/kg	
72-55-9	4,4' -DDE	ND	0.71	0.62	ug/kg	
50-29-3	4,4' -DDT	ND	0.71	0.63	ug/kg	
72-20-8	Endrin	ND	0.71	0.55	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.71	0.55	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.71	0.40	ug/kg	
959-98-8	Endosulfan-I	ND	0.71	0.41	ug/kg	
33213-65-9	Endosulfan-II	ND	0.71	0.44	ug/kg	
76-44-8	Heptachlor	ND	0.71	0.61	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.71	0.50	ug/kg	
72-43-5	Methoxychlor	ND	1.4	0.56	ug/kg	
53494-70-5	Endrin ketone	ND	0.71	0.51	ug/kg	
8001-35-2	Toxaphene	ND	18	16	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	80%	78%	13-162%
877-09-8	Tetrachloro-m-xylene	75%	76%	13-162%
2051-24-3	Decachlorobiphenyl	86%	88%	10-180%
2051-24-3	Decachlorobiphenyl	85%	91%	10-180%

(a) Confirmation run for internal standard areas.

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E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-8 9.5-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-8	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	90.0
Method:	SW846 8082A SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G158439.D	1	03/04/26 04:02	AS	03/03/26 11:00	OP71356	G3G5744
Run #2							

	Initial Weight	Final Volume
Run #1	15.7 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	35	16	ug/kg	
11104-28-2	Aroclor 1221	ND	35	22	ug/kg	
11141-16-5	Aroclor 1232	ND	35	23	ug/kg	
53469-21-9	Aroclor 1242	ND	35	15	ug/kg	
12672-29-6	Aroclor 1248	ND	35	32	ug/kg	
11097-69-1	Aroclor 1254	ND	35	19	ug/kg	
11096-82-5	Aroclor 1260	ND	35	15	ug/kg	
11100-14-4	Aroclor 1268	ND	35	31	ug/kg	
37324-23-5	Aroclor 1262	ND	35	23	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	74%		10-174%
877-09-8	Tetrachloro-m-xylene	119%		10-174%
2051-24-3	Decachlorobiphenyl	61%		10-195%
2051-24-3	Decachlorobiphenyl	77%		10-195%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

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 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-8 9.5-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-8	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	90.0
Project:	14373, Peekskill Phase II, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	4580	37	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Antimony	< 1.5	1.5	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Arsenic	< 1.5	1.5	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Barium	18.9	15	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Beryllium	0.17	0.15	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cadmium	< 0.37	0.37	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Calcium	3670	370	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Chromium	5.8	0.74	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cobalt	4.1	3.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Copper	12.8	1.8	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Iron	9800	37	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Lead	2.9	1.5	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Magnesium	3580	370	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Manganese	158	1.1	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Mercury	< 0.032	0.032	mg/kg	1	03/03/26	03/04/26 MK	SW846 7471B ²	SW846 7471B ⁶
Nickel	10.5	3.0	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Potassium	1070	740	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Selenium	< 1.5	1.5	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Silver	< 0.37	0.37	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Sodium	< 740	740	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Thallium	< 0.74	0.74	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Vanadium	10	3.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Zinc	21.9	3.6	mg/kg	1	03/04/26	03/04/26 LM	SW846 6010D ³	SW846 3050B ⁵

(1) Instrument QC Batch: MA60360

(2) Instrument QC Batch: MA60363

(3) Instrument QC Batch: MA60372

(4) Prep QC Batch: MP60443

(5) Prep QC Batch: MP60455

(6) Prep QC Batch: MP60459

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-8 9.5-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-8	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	90.0
Project:	14373, Peekskill Phase II, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.26	0.26	mg/kg	1	03/06/26 14:41	JD	SW846 9012B/LACHAT
Solids, Percent	90		%	1	03/02/26 11:35	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

4.8
4

Report of Analysis

Client Sample ID:	SB-9 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-9	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	82.8
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C213235.D	1	03/03/26 16:43	PS	n/a	n/a	V1C9155
Run #2							

	Initial Weight
Run #1	5.1 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	50.5	12	4.9	ug/kg	
71-43-2	Benzene	ND	0.59	0.54	ug/kg	
74-97-5	Bromochloromethane	ND	5.9	0.66	ug/kg	
75-27-4	Bromodichloromethane	ND	2.4	0.51	ug/kg	
75-25-2	Bromoform	ND	5.9	1.6	ug/kg	
74-83-9	Bromomethane	ND	5.9	0.90	ug/kg	
78-93-3	2-Butanone (MEK)	ND	12	2.9	ug/kg	
75-15-0	Carbon disulfide	0.75	2.4	0.63	ug/kg	J
56-23-5	Carbon tetrachloride	ND	2.4	0.73	ug/kg	
108-90-7	Chlorobenzene	ND	2.4	0.54	ug/kg	
75-00-3	Chloroethane	ND	5.9	0.70	ug/kg	
67-66-3	Chloroform	ND	2.4	1.2	ug/kg	
74-87-3	Chloromethane	ND	5.9	2.3	ug/kg	
110-82-7	Cyclohexane	ND	2.4	0.78	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.4	0.82	ug/kg	
124-48-1	Dibromochloromethane	ND	2.4	0.66	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.2	0.50	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.2	0.65	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.2	0.59	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.2	0.58	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	5.9	0.86	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.2	0.59	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.2	0.56	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.2	0.78	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.99	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.2	0.72	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.4	0.56	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.4	0.56	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.4	0.54	ug/kg	
100-41-4	Ethylbenzene	ND	1.2	0.54	ug/kg	
76-13-1	Freon 113	ND	5.9	3.2	ug/kg	
591-78-6	2-Hexanone	ND	5.9	2.5	ug/kg	

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RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-9 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-9	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	82.8
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.4	1.7	ug/kg	
79-20-9	Methyl Acetate	ND	5.9	1.6	ug/kg	
108-87-2	Methylcyclohexane	ND	2.4	1.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.2	0.56	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.9	2.7	ug/kg	
75-09-2	Methylene chloride	ND	5.9	3.1	ug/kg	
100-42-5	Styrene	ND	2.4	0.48	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4	0.71	ug/kg	
127-18-4	Tetrachloroethene	ND	2.4	0.69	ug/kg	
108-88-3	Toluene	ND	1.2	0.62	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.9	3.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.9	3.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.4	0.57	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.4	0.66	ug/kg	
79-01-6	Trichloroethene	ND	1.2	0.90	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.9	0.81	ug/kg	
75-01-4	Vinyl chloride	ND	2.4	0.57	ug/kg	
	m,p-Xylene	ND	1.2	1.1	ug/kg	
95-47-6	o-Xylene	ND	1.2	0.54	ug/kg	
1330-20-7	Xylene (total)	ND	1.2	0.54	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		80-124%
17060-07-0	1,2-Dichloroethane-D4	107%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	91%		58-148%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-9 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-9	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	82.8
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5P108289.D	1	03/03/26 19:37	AO	03/03/26 11:00	OP71358	E5P5111
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.9 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	78	19	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	24	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	33	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	70	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	200	42	ug/kg	
95-48-7	2-Methylphenol	ND	78	25	ug/kg	
	3&4-Methylphenol	ND	78	32	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND	390	100	ug/kg	
87-86-5	Pentachlorophenol	ND	160	37	ug/kg	
108-95-2	Phenol	ND	78	20	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	26	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	29	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	23	ug/kg	
83-32-9	Acenaphthene	ND	39	13	ug/kg	
208-96-8	Acenaphthylene	ND	39	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.4	ug/kg	
120-12-7	Anthracene	ND	39	24	ug/kg	
1912-24-9	Atrazine	ND	78	17	ug/kg	
56-55-3	Benzo(a)anthracene	14.0	39	11	ug/kg	J
50-32-8	Benzo(a)pyrene	ND	39	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	39	17	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	39	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	39	18	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	78	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	78	9.5	ug/kg	
92-52-4	1,1'-Biphenyl	ND	78	5.4	ug/kg	
100-52-7	Benzaldehyde	ND	200	9.7	ug/kg	
91-58-7	2-Chloronaphthalene	ND	78	9.3	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	ND	78	5.7	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-9 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-9	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	82.8
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	78	15	ug/kg	
218-01-9	Chrysene	ND	39	12	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	78	8.4	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	78	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	78	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	78	13	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	39	12	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	39	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	78	33	ug/kg	
123-91-1	1,4-Dioxane	ND	39	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	39	17	ug/kg	
132-64-9	Dibenzofuran	ND	78	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	78	6.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	78	9.7	ug/kg	
84-66-2	Diethyl phthalate	ND	78	8.3	ug/kg	
131-11-3	Dimethyl phthalate	ND	78	7.0	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	78	9.1	ug/kg	
206-44-0	Fluoranthene	ND	39	17	ug/kg	
86-73-7	Fluorene	ND	39	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	78	9.9	ug/kg	
87-68-3	Hexachlorobutadiene	ND	39	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	390	16	ug/kg	
67-72-1	Hexachloroethane	ND	200	19	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	39	18	ug/kg	
78-59-1	Isophorone	ND	78	8.4	ug/kg	
91-57-6	2-Methylnaphthalene	ND	39	8.8	ug/kg	
88-74-4	2-Nitroaniline ^a	ND	200	9.2	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	200	9.8	ug/kg	
100-01-6	4-Nitroaniline	ND	200	10	ug/kg	
91-20-3	Naphthalene	ND	39	11	ug/kg	
98-95-3	Nitrobenzene	ND	78	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	78	11	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	14	ug/kg	
85-01-8	Phenanthrene	ND	39	13	ug/kg	
129-00-0	Pyrene	13.5	39	13	ug/kg	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	9.9	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	65%		10-99%

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Report of Analysis

Client Sample ID:	SB-9 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-9	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	82.8
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	67%		10-96%
118-79-6	2,4,6-Tribromophenol	87%		10-123%
4165-60-0	Nitrobenzene-d5	70%		10-109%
321-60-8	2-Fluorobiphenyl	72%		11-109%
1718-51-0	Terphenyl-d14	81%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
57-10-3	n-Hexadecanoic acid	7.62	740	ug/kg	JNB
57-11-4	Octadecanoic acid	8.28	190	ug/kg	JN
	Alkene	9.36	440	ug/kg	J
	Alkane	9.97	240	ug/kg	J
	Unknown	12.17	330	ug/kg	J
	Total TIC, Semi-Volatile		1200	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-9 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-9	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	82.8
Method:	SW846 8081B SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G220190.D	1	03/11/26 05:24	CP	03/03/26 11:00	OP71355	G1G7973
Run #2 ^a	1G220256.D	1	03/13/26 02:49	CP	03/03/26 11:00	OP71355	G1G7976

	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2	15.6 g	10.0 ml

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.77	0.64	ug/kg	
319-84-6	alpha-BHC	ND	0.77	0.63	ug/kg	
319-85-7	beta-BHC	ND	0.77	0.70	ug/kg	
319-86-8	delta-BHC	ND	0.77	0.74	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.77	0.57	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.77	0.62	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.77	0.35	ug/kg	
60-57-1	Dieldrin	ND	0.77	0.53	ug/kg	
72-54-8	4,4' -DDD	ND	0.77	0.71	ug/kg	
72-55-9	4,4' -DDE	ND	0.77	0.68	ug/kg	
50-29-3	4,4' -DDT	ND	0.77	0.69	ug/kg	
72-20-8	Endrin	ND	0.77	0.60	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.77	0.60	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.77	0.44	ug/kg	
959-98-8	Endosulfan-I	ND	0.77	0.45	ug/kg	
33213-65-9	Endosulfan-II	ND	0.77	0.48	ug/kg	
76-44-8	Heptachlor	ND	0.77	0.67	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.77	0.54	ug/kg	
72-43-5	Methoxychlor	ND	1.5	0.62	ug/kg	
53494-70-5	Endrin ketone	ND	0.77	0.56	ug/kg	
8001-35-2	Toxaphene	ND	19	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	66%	67%	13-162%
877-09-8	Tetrachloro-m-xylene	62%	63%	13-162%
2051-24-3	Decachlorobiphenyl	75%	76%	10-180%
2051-24-3	Decachlorobiphenyl	71%	73%	10-180%

(a) Confirmation run for internal standard areas.

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-9 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-9	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	82.8
Method:	SW846 8082A SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G158440.D	1	03/04/26 04:19	AS	03/03/26 11:00	OP71356	G3G5744
Run #2							

	Initial Weight	Final Volume
Run #1	15.6 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	39	18	ug/kg	
11104-28-2	Aroclor 1221	ND	39	24	ug/kg	
11141-16-5	Aroclor 1232	ND	39	25	ug/kg	
53469-21-9	Aroclor 1242	ND	39	16	ug/kg	
12672-29-6	Aroclor 1248	ND	39	35	ug/kg	
11097-69-1	Aroclor 1254	ND	39	21	ug/kg	
11096-82-5	Aroclor 1260	ND	39	16	ug/kg	
11100-14-4	Aroclor 1268	ND	39	34	ug/kg	
37324-23-5	Aroclor 1262	ND	39	25	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	61%		10-174%
877-09-8	Tetrachloro-m-xylene	99%		10-174%
2051-24-3	Decachlorobiphenyl	52%		10-195%
2051-24-3	Decachlorobiphenyl	63%		10-195%

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-9 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-9	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	82.8
Project:	14373, Peekskill Phase II, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	6770	40	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Antimony	< 1.6	1.6	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Arsenic	2.3	1.6	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Barium	41.3	16	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Beryllium	0.29	0.16	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cadmium	< 0.40	0.40	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Calcium	3170	400	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Chromium	9.7	0.80	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cobalt	6.7	4.0	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Copper	16.3	2.0	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Iron	14100	40	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Lead	32.2	1.6	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Magnesium	3690	400	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Manganese	175	1.2	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Mercury	0.087	0.034	mg/kg	1	03/03/26	03/04/26 MK	SW846 7471B ²	SW846 7471B ⁶
Nickel	10.8	3.2	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Potassium	1140	800	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Selenium	< 1.6	1.6	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Silver	< 0.40	0.40	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Sodium	< 800	800	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Thallium	< 0.80	0.80	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Vanadium	14.8	4.0	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Zinc	41.0	3.9	mg/kg	1	03/04/26	03/04/26 LM	SW846 6010D ³	SW846 3050B ⁵

(1) Instrument QC Batch: MA60360

(2) Instrument QC Batch: MA60363

(3) Instrument QC Batch: MA60372

(4) Prep QC Batch: MP60443

(5) Prep QC Batch: MP60455

(6) Prep QC Batch: MP60459

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-9 11-11.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-9	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	82.8
Project:	14373, Peekskill Phase II, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.29	0.29	mg/kg	1	03/06/26 14:42	JD	SW846 9012B/LACHAT
Solids, Percent	82.8		%	1	03/02/26 11:35	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

4.9
4

Report of Analysis

Client Sample ID:	SB-10 13-13.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-10	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	78.3
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1C213236.D	1	03/03/26 17:10	PS	n/a	n/a	V1C9155
Run #2							

	Initial Weight
Run #1	4.6 g
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	32.5	14	5.7	ug/kg	
71-43-2	Benzene	ND	0.69	0.63	ug/kg	
74-97-5	Bromochloromethane	ND	6.9	0.78	ug/kg	
75-27-4	Bromodichloromethane	ND	2.8	0.60	ug/kg	
75-25-2	Bromoform	ND	6.9	1.9	ug/kg	
74-83-9	Bromomethane	ND	6.9	1.1	ug/kg	
78-93-3	2-Butanone (MEK)	ND	14	3.4	ug/kg	
75-15-0	Carbon disulfide	4.3	2.8	0.74	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.8	0.86	ug/kg	
108-90-7	Chlorobenzene	ND	2.8	0.64	ug/kg	
75-00-3	Chloroethane	ND	6.9	0.82	ug/kg	
67-66-3	Chloroform	ND	2.8	1.4	ug/kg	
74-87-3	Chloromethane	ND	6.9	2.7	ug/kg	
110-82-7	Cyclohexane	ND	2.8	0.91	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.96	ug/kg	
124-48-1	Dibromochloromethane	ND	2.8	0.78	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.4	0.58	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.4	0.76	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.4	0.69	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.4	0.69	ug/kg	
75-71-8	Dichlorodifluoromethane ^a	ND	6.9	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.4	0.69	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.4	0.65	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.4	0.91	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.4	1.2	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.85	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.8	0.66	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.8	0.66	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.8	0.63	ug/kg	
100-41-4	Ethylbenzene	ND	1.4	0.63	ug/kg	
76-13-1	Freon 113	ND	6.9	3.7	ug/kg	
591-78-6	2-Hexanone	ND	6.9	2.9	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-10 13-13.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-10	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	78.3
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	2.8	2.0	ug/kg	
79-20-9	Methyl Acetate	ND	6.9	1.9	ug/kg	
108-87-2	Methylcyclohexane	ND	2.8	1.2	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.4	0.65	ug/kg	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	6.9	3.2	ug/kg	
75-09-2	Methylene chloride	ND	6.9	3.6	ug/kg	
100-42-5	Styrene	ND	2.8	0.56	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.8	0.83	ug/kg	
127-18-4	Tetrachloroethene	ND	2.8	0.81	ug/kg	
108-88-3	Toluene	ND	1.4	0.73	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	6.9	3.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	6.9	3.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.8	0.67	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.8	0.77	ug/kg	
79-01-6	Trichloroethene	ND	1.4	1.1	ug/kg	
75-69-4	Trichlorofluoromethane	ND	6.9	0.95	ug/kg	
75-01-4	Vinyl chloride	ND	2.8	0.67	ug/kg	
	m,p-Xylene	ND	1.4	1.2	ug/kg	
95-47-6	o-Xylene	ND	1.4	0.64	ug/kg	
1330-20-7	Xylene (total)	ND	1.4	0.64	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		80-124%
17060-07-0	1,2-Dichloroethane-D4	119%		75-133%
2037-26-5	Toluene-D8	103%		79-125%
460-00-4	4-Bromofluorobenzene	93%		58-148%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-10 13-13.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-10	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	78.3
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	5P108290.D	1	03/03/26 20:00	AO	03/03/26 11:00	OP71358	E5P5111
Run #2							

	Initial Weight	Final Volume
Run #1	31.9 g	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	80	20	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	200	25	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	200	34	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	200	71	ug/kg	
51-28-5	2,4-Dinitrophenol ^a	ND	200	150	ug/kg	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	200	43	ug/kg	
95-48-7	2-Methylphenol	ND	80	26	ug/kg	
	3&4-Methylphenol	ND	80	33	ug/kg	
88-75-5	2-Nitrophenol ^a	ND	200	26	ug/kg	
100-02-7	4-Nitrophenol	ND	400	110	ug/kg	
87-86-5	Pentachlorophenol	ND	160	38	ug/kg	
108-95-2	Phenol	ND	80	21	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	27	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	200	30	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	200	24	ug/kg	
83-32-9	Acenaphthene	ND	40	14	ug/kg	
208-96-8	Acenaphthylene	ND	40	20	ug/kg	
98-86-2	Acetophenone	ND	200	8.6	ug/kg	
120-12-7	Anthracene	ND	40	25	ug/kg	
1912-24-9	Atrazine	ND	80	17	ug/kg	
56-55-3	Benzo(a)anthracene	ND	40	11	ug/kg	
50-32-8	Benzo(a)pyrene	ND	40	18	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	40	18	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	40	20	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	40	19	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	80	15	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	80	9.8	ug/kg	
92-52-4	1,1'-Biphenyl	ND	80	5.5	ug/kg	
100-52-7	Benzaldehyde	ND	200	9.9	ug/kg	
91-58-7	2-Chloronaphthalene	ND	80	9.5	ug/kg	
106-47-8	4-Chloroaniline	ND	200	14	ug/kg	
86-74-8	Carbazole	ND	80	5.8	ug/kg	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: SB-10 13-13.5
Lab Sample ID: JE29061-10
Matrix: SO - Soil
Method: SW846 8270E SW846 3546
Project: 14373, Peekskill Phase II, NY

Date Sampled: 02/27/26

Date Received: 02/28/26

Percent Solids: 78.3

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	80	16	ug/kg	
218-01-9	Chrysene	ND	40	13	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	80	8.6	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	80	17	ug/kg	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	80	14	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	80	13	ug/kg	
121-14-2	2,4-Dinitrotoluene ^a	ND	40	12	ug/kg	
606-20-2	2,6-Dinitrotoluene ^a	ND	40	20	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	80	33	ug/kg	
123-91-1	1,4-Dioxane	ND	40	26	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	40	18	ug/kg	
132-64-9	Dibenzofuran	ND	80	16	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	80	6.5	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	80	10	ug/kg	
84-66-2	Diethyl phthalate	ND	80	8.5	ug/kg	
131-11-3	Dimethyl phthalate	ND	80	7.1	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	80	9.4	ug/kg	
206-44-0	Fluoranthene	ND	40	18	ug/kg	
86-73-7	Fluorene	ND	40	18	ug/kg	
118-74-1	Hexachlorobenzene	ND	80	10	ug/kg	
87-68-3	Hexachlorobutadiene	ND	40	16	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	400	16	ug/kg	
67-72-1	Hexachloroethane	ND	200	20	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	40	19	ug/kg	
78-59-1	Isophorone	ND	80	8.6	ug/kg	
91-57-6	2-Methylnaphthalene	ND	40	9.0	ug/kg	
88-74-4	2-Nitroaniline ^a	ND	200	9.4	ug/kg	
99-09-2	3-Nitroaniline ^a	ND	200	10	ug/kg	
100-01-6	4-Nitroaniline	ND	200	10	ug/kg	
91-20-3	Naphthalene	ND	40	11	ug/kg	
98-95-3	Nitrobenzene	ND	80	15	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	80	12	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	200	15	ug/kg	
85-01-8	Phenanthrene	ND	40	13	ug/kg	
129-00-0	Pyrene	ND	40	13	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	10	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	50%		10-99%

ND = Not detected MDL = Method Detection Limit

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E = Indicates value exceeds calibration range

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B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-10 13-13.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-10	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	78.3
Method:	SW846 8270E SW846 3546		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	54%		10-96%
118-79-6	2,4,6-Tribromophenol	65%		10-123%
4165-60-0	Nitrobenzene-d5	60%		10-109%
321-60-8	2-Fluorobiphenyl	56%		11-109%
1718-51-0	Terphenyl-d14	74%		10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
57-10-3	n-Hexadecanoic acid	7.62	680	ug/kg	JNB
57-11-4	Octadecanoic acid	8.28	190	ug/kg	JN
	Alkane	9.36	590	ug/kg	J
	Alkane	9.97	270	ug/kg	J
	Unknown	11.64	170	ug/kg	J
	Unknown	12.17	260	ug/kg	J
	Total TIC, Semi-Volatile		1480	ug/kg	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.10
4

Report of Analysis

Client Sample ID:	SB-10 13-13.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-10	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	78.3
Method:	SW846 8081B SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G220191.D	1	03/11/26 05:42	CP	03/03/26 11:00	OP71355	G1G7973
Run #2							

	Initial Weight	Final Volume
Run #1	16.1 g	10.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.79	0.65	ug/kg	
319-84-6	alpha-BHC	ND	0.79	0.64	ug/kg	
319-85-7	beta-BHC	ND	0.79	0.72	ug/kg	
319-86-8	delta-BHC	ND	0.79	0.76	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.79	0.58	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.79	0.64	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.79	0.36	ug/kg	
60-57-1	Dieldrin	ND	0.79	0.54	ug/kg	
72-54-8	4,4' -DDD	ND	0.79	0.73	ug/kg	
72-55-9	4,4' -DDE	ND	0.79	0.70	ug/kg	
50-29-3	4,4' -DDT	ND	0.79	0.70	ug/kg	
72-20-8	Endrin	ND	0.79	0.62	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.79	0.62	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.79	0.45	ug/kg	
959-98-8	Endosulfan-I	ND	0.79	0.46	ug/kg	
33213-65-9	Endosulfan-II	ND	0.79	0.49	ug/kg	
76-44-8	Heptachlor	ND	0.79	0.68	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.79	0.56	ug/kg	
72-43-5	Methoxychlor	ND	1.6	0.63	ug/kg	
53494-70-5	Endrin ketone	ND	0.79	0.57	ug/kg	
8001-35-2	Toxaphene	ND	20	18	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	80%		13-162%
877-09-8	Tetrachloro-m-xylene	75%		13-162%
2051-24-3	Decachlorobiphenyl	89%		10-180%
2051-24-3	Decachlorobiphenyl	88%		10-180%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-10 13-13.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-10	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	78.3
Method:	SW846 8082A SW846 3546		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G158441.D	1	03/04/26 04:35	AS	03/03/26 11:00	OP71356	G3G5744
Run #2							

	Initial Weight	Final Volume
Run #1	16.1 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	40	18	ug/kg	
11104-28-2	Aroclor 1221	ND	40	25	ug/kg	
11141-16-5	Aroclor 1232	ND	40	25	ug/kg	
53469-21-9	Aroclor 1242	ND	40	16	ug/kg	
12672-29-6	Aroclor 1248	ND	40	35	ug/kg	
11097-69-1	Aroclor 1254	ND	40	21	ug/kg	
11096-82-5	Aroclor 1260	ND	40	17	ug/kg	
11100-14-4	Aroclor 1268	ND	40	35	ug/kg	
37324-23-5	Aroclor 1262	ND	40	26	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	67%		10-174%
877-09-8	Tetrachloro-m-xylene	108%		10-174%
2051-24-3	Decachlorobiphenyl	58%		10-195%
2051-24-3	Decachlorobiphenyl	71%		10-195%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	SB-10 13-13.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-10	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	78.3
Project:	14373, Peekskill Phase II, NY		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	6000	42	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Antimony	< 1.7	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Arsenic	< 1.7	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Barium	31.4	17	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Beryllium	0.20	0.17	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cadmium	< 0.42	0.42	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Calcium	1480	420	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Chromium	10.4	0.83	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Cobalt	5.0	4.2	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Copper	4.6	2.1	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Iron	11000	42	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Lead	2.7	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Magnesium	3580	420	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Manganese	124	1.2	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Mercury	< 0.038	0.038	mg/kg	1	03/03/26	03/04/26 MK	SW846 7471B ²	SW846 7471B ⁶
Nickel	9.2	3.3	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Potassium	1430	830	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Selenium	< 1.7	1.7	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Silver	< 0.42	0.42	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Sodium	< 830	830	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Thallium	< 0.83	0.83	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Vanadium	13.5	4.2	mg/kg	1	03/02/26	03/02/26 LM	SW846 6010D ¹	SW846 3050B ⁴
Zinc	32.3	4.1	mg/kg	1	03/04/26	03/04/26 LM	SW846 6010D ³	SW846 3050B ⁵

(1) Instrument QC Batch: MA60360

(2) Instrument QC Batch: MA60363

(3) Instrument QC Batch: MA60372

(4) Prep QC Batch: MP60443

(5) Prep QC Batch: MP60455

(6) Prep QC Batch: MP60459

RL = Reporting Limit

Report of Analysis

Client Sample ID:	SB-10 13-13.5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-10	Date Received:	02/28/26
Matrix:	SO - Soil	Percent Solids:	78.3
Project:	14373, Peekskill Phase II, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.36	0.36	mg/kg	1	03/06/26 14:43	JD	SW846 9012B/LACHAT
Solids, Percent	78.3		%	1	03/02/26 11:35	RB	SM2540 G 18TH ED MOD

RL = Reporting Limit

4.10
4

Report of Analysis

Client Sample ID:	TWP-5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-11	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1F25957.D	1	03/02/26 20:34	ED	n/a	n/a	V1F806
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	0.98	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane ^a	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	0.78	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.92	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

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RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TWP-5
Lab Sample ID: JE29061-11
Matrix: AQ - Ground Water
Method: SW846 8260D
Project: 14373, Peekskill Phase II, NY

Date Sampled: 02/27/26

Date Received: 02/28/26

Percent Solids: n/a

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.58	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	107%		80-120%
17060-07-0	1,2-Dichloroethane-D4	106%		80-120%
2037-26-5	Toluene-D8	94%		80-120%
460-00-4	4-Bromofluorobenzene	97%		82-114%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

(a) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-11	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270E SW846 3510C		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT16525.D	1	03/04/26 13:42	AO	03/03/26 09:30	OP71349	ECT718
Run #2							

Run #	Initial Volume	Final Volume
Run #1	980 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.1	0.84	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.1	0.91	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.1	2.5	ug/l	
51-28-5	2,4-Dinitrophenol ^a	ND	5.1	1.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	5.1	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.91	ug/l	
	3&4-Methylphenol	ND	2.0	0.90	ug/l	
88-75-5	2-Nitrophenol ^a	ND	5.1	0.98	ug/l	
100-02-7	4-Nitrophenol	ND	10	1.2	ug/l	
87-86-5	Pentachlorophenol	ND	4.1	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.40	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.1	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.1	1.4	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	2.0	0.94	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
98-86-2	Acetophenone	ND	2.0	0.21	ug/l	
120-12-7	Anthracene	ND	1.0	0.22	ug/l	
1912-24-9	Atrazine	ND	2.0	0.46	ug/l	
100-52-7	Benzaldehyde	ND	5.1	0.29	ug/l	
56-55-3	Benzo(a)anthracene	0.50	1.0	0.21	ug/l	J
50-32-8	Benzo(a)pyrene	0.41	1.0	0.22	ug/l	J
205-99-2	Benzo(b)fluoranthene	0.47	1.0	0.21	ug/l	J
191-24-2	Benzo(g,h,i)perylene	0.38	1.0	0.35	ug/l	J
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.41	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.47	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.22	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.1	0.35	ug/l	
86-74-8	Carbazole	ND	1.0	0.23	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-11	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270E SW846 3510C		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.0	0.66	ug/l	
218-01-9	Chrysene	0.33	1.0	0.18	ug/l	J
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.41	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene ^a	ND	1.0	0.56	ug/l	
606-20-2	2,6-Dinitrotoluene ^a	ND	1.0	0.49	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.52	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.67	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.34	ug/l	
132-64-9	Dibenzofuran	ND	5.1	0.22	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.51	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.24	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.27	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	0.76	1.0	0.17	ug/l	J
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.50	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	1.0	0.40	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.34	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.21	ug/l	
88-74-4	2-Nitroaniline	ND	5.1	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	5.1	0.39	ug/l	
100-01-6	4-Nitroaniline	ND	5.1	0.45	ug/l	
91-20-3	Naphthalene	ND	1.0	0.24	ug/l	
98-95-3	Nitrobenzene	ND	1.0	0.66	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	1.0	0.49	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.1	0.23	ug/l	
85-01-8	Phenanthrene	0.34	1.0	0.18	ug/l	J
129-00-0	Pyrene	0.69	1.0	0.22	ug/l	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.38	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	20%		10-71%

ND = Not detected MDL = Method Detection Limit

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J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-11	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270E SW846 3510C		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
4165-62-2	Phenol-d5	15%		10-58%		
118-79-6	2,4,6-Tribromophenol	56%		22-144%		
4165-60-0	Nitrobenzene-d5	59%		28-118%		
321-60-8	2-Fluorobiphenyl	59%		34-116%		
1718-51-0	Terphenyl-d14	53%		10-127%		

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Cyclic octaatomic sulfur	8.58	4.2	ug/l	J
	Alkane	11.00	5.7	ug/l	J
	Total TIC, Semi-Volatile		9.9	ug/l	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.11
4

Report of Analysis

Client Sample ID:	TWP-5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-11	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8081B SW846 3510C		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G220059.D	1	03/06/26 15:57	RK	03/03/26 09:30	OP71350	G1G7968
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0050	0.0026	ug/l	
319-84-6	alpha-BHC	ND	0.0050	0.0026	ug/l	
319-85-7	beta-BHC	ND	0.0050	0.0040	ug/l	
319-86-8	delta-BHC	ND	0.0050	0.0033	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0050	0.0030	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0050	0.0025	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0050	0.0021	ug/l	
60-57-1	Dieldrin	ND	0.0050	0.0038	ug/l	
72-54-8	4,4' -DDD	ND	0.0050	0.0029	ug/l	
72-55-9	4,4' -DDE	ND	0.0050	0.0025	ug/l	
50-29-3	4,4' -DDT	ND	0.0050	0.0034	ug/l	
72-20-8	Endrin	ND	0.0050	0.0030	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0050	0.0027	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0050	0.0034	ug/l	
53494-70-5	Endrin ketone	ND	0.0050	0.0031	ug/l	
959-98-8	Endosulfan-I	ND	0.0050	0.0026	ug/l	
33213-65-9	Endosulfan-II	ND	0.0050	0.0024	ug/l	
76-44-8	Heptachlor	ND	0.0050	0.0022	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0050	0.0030	ug/l	
72-43-5	Methoxychlor	ND	0.010	0.0034	ug/l	
8001-35-2	Toxaphene	ND	0.13	0.082	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	34%		10-175%
877-09-8	Tetrachloro-m-xylene	35%		10-175%
2051-24-3	Decachlorobiphenyl	25%		10-128%
2051-24-3	Decachlorobiphenyl	24%		10-128%

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N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-11	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8082A SW846 3510C		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G158422.D	1	03/03/26 23:20	AS	03/03/26 09:30	OP71351	G3G5744
Run #2							

Run #	Initial Volume	Final Volume
Run #1	950 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	0.10	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	0.22	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	0.14	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	0.25	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	0.23	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	0.22	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	0.22	ug/l	
11100-14-4	Aroclor 1268	ND	0.26	0.091	ug/l	
37324-23-5	Aroclor 1262	ND	0.26	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	27%		10-169%
877-09-8	Tetrachloro-m-xylene	42% ^a		10-169%
2051-24-3	Decachlorobiphenyl	13%		10-130%
2051-24-3	Decachlorobiphenyl	19%		10-130%

(a) Outside of in house control limits.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-11	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	14373, Peekskill Phase II, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	32500	200	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Antimony	< 6.0	6.0	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Arsenic ^a	19.1	3.0	ug/l	1	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Barium	352	200	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Beryllium	2.8	1.0	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Cadmium	< 3.0	3.0	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Calcium	180000	5000	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Chromium	36.3	10	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Cobalt	< 50	50	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Copper	65.5	10	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Iron	47000	100	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Lead ^a	126	3.0	ug/l	1	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Magnesium	61900	5000	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Manganese	1630	15	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Mercury	< 0.20	0.20	ug/l	1	03/04/26	03/04/26 MK	SW846 7470A ²	SW846 7470A ⁵
Nickel	46.0	10	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Potassium	23400	10000	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Selenium ^a	< 10	10	ug/l	1	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Silver	< 10	10	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Sodium	1200000	100000	ug/l	10	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Thallium	< 10	10	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Vanadium	67.0	50	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Zinc	136	20	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴

(1) Instrument QC Batch: MA60367

(2) Instrument QC Batch: MA60370

(3) Instrument QC Batch: MA60372

(4) Prep QC Batch: MP60446

(5) Prep QC Batch: MP60467

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TWP-5	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-11	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	14373, Peekskill Phase II, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	< 0.010	0.010	mg/l	1	03/06/26 14:55	JD	EPA 335.4/LACHAT

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TWP-6	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-12	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	2F25958.D	1	03/02/26 20:48	ED	n/a	n/a	V2F806
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	0.98	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	0.78	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.92	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

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RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-6	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-12	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.58	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	102%		80-120%
17060-07-0	1,2-Dichloroethane-D4	109%		80-120%
2037-26-5	Toluene-D8	95%		80-120%
460-00-4	4-Bromofluorobenzene	97%		82-114%

CAS No.	Tentatively Identified Compounds	R. T.	Est. Conc.	Units	Q
	alkane	.84	5.5	ug/l	J
	alkane	.95	6.5	ug/l	J
	alkane	1.12	7.4	ug/l	J
	Total TIC, Volatile		19.4	ug/l	J

(a) (pH= 2)Sample pH did not satisfy field preservation criteria.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-6	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-12	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270E SW846 3510C		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT16526.D	1	03/04/26 14:01	AO	03/03/26 09:30	OP71349	ECT718
Run #2							

Run #	Initial Volume	Final Volume
Run #1	960 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.2	0.85	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.2	0.93	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.1	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.2	2.5	ug/l	
51-28-5	2,4-Dinitrophenol ^a	ND	5.2	1.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	5.2	1.4	ug/l	
95-48-7	2-Methylphenol	ND	2.1	0.93	ug/l	
	3&4-Methylphenol	ND	2.1	0.92	ug/l	
88-75-5	2-Nitrophenol ^a	ND	5.2	1.0	ug/l	
100-02-7	4-Nitrophenol	ND	10	1.2	ug/l	
87-86-5	Pentachlorophenol	ND	4.2	1.4	ug/l	
108-95-2	Phenol	ND	2.1	0.41	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.2	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.2	1.4	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	2.1	0.96	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.20	ug/l	
208-96-8	Acenaphthylene	0.81	1.0	0.14	ug/l	J
98-86-2	Acetophenone	ND	2.1	0.22	ug/l	
120-12-7	Anthracene	1.0	1.0	0.22	ug/l	
1912-24-9	Atrazine	ND	2.1	0.47	ug/l	
100-52-7	Benzaldehyde	0.32	5.2	0.30	ug/l	J
56-55-3	Benzo(a)anthracene	5.5	1.0	0.21	ug/l	
50-32-8	Benzo(a)pyrene	5.6	1.0	0.22	ug/l	
205-99-2	Benzo(b)fluoranthene	6.6	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	3.9	1.0	0.36	ug/l	
207-08-9	Benzo(k)fluoranthene	2.7	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.1	0.42	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.1	0.48	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.22	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.1	0.25	ug/l	
106-47-8	4-Chloroaniline	ND	5.2	0.35	ug/l	
86-74-8	Carbazole	ND	1.0	0.24	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-6	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-12	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270E SW846 3510C		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.1	0.68	ug/l	
218-01-9	Chrysene	5.2	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.1	0.29	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.1	0.26	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.1	0.42	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.1	0.38	ug/l	
121-14-2	2,4-Dinitrotoluene ^a	ND	1.0	0.58	ug/l	
606-20-2	2,6-Dinitrotoluene ^a	ND	1.0	0.50	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.1	0.53	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.68	ug/l	
53-70-3	Dibenzo(a,h)anthracene	0.95	1.0	0.34	ug/l	J
132-64-9	Dibenzofuran	ND	5.2	0.23	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.1	0.52	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.1	0.24	ug/l	
84-66-2	Diethyl phthalate	ND	2.1	0.27	ug/l	
131-11-3	Dimethyl phthalate	ND	2.1	0.23	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.1	1.7	ug/l	
206-44-0	Fluoranthene	10.9	1.0	0.18	ug/l	
86-73-7	Fluorene	ND	1.0	0.18	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.34	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.51	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.9	ug/l	
67-72-1	Hexachloroethane	ND	1.0	0.41	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	3.3	1.0	0.35	ug/l	
78-59-1	Isophorone	ND	2.1	0.29	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.22	ug/l	
88-74-4	2-Nitroaniline	ND	5.2	0.29	ug/l	
99-09-2	3-Nitroaniline	ND	5.2	0.40	ug/l	
100-01-6	4-Nitroaniline	ND	5.2	0.46	ug/l	
91-20-3	Naphthalene	ND	1.0	0.24	ug/l	
98-95-3	Nitrobenzene	ND	1.0	0.67	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	1.0	0.50	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.2	0.23	ug/l	
85-01-8	Phenanthrene	1.9	1.0	0.18	ug/l	
129-00-0	Pyrene	9.8	1.0	0.23	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.1	0.39	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	34%		10-71%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-6	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-12	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270E SW846 3510C		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits		
4165-62-2	Phenol-d5	24%		10-58%		
118-79-6	2,4,6-Tribromophenol	65%		22-144%		
4165-60-0	Nitrobenzene-d5	72%		28-118%		
321-60-8	2-Fluorobiphenyl	66%		34-116%		
1718-51-0	Terphenyl-d14	50%		10-127%		

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Chrysene, methyl-	10.59	4.8	ug/l	J
	Alkane	10.68	6.2	ug/l	J
	Alkane	11.00	8.8	ug/l	J
	Unknown	11.13	5.4	ug/l	J
	Alkane	11.34	8	ug/l	J
	Unknown	11.45	5.3	ug/l	J
	Unknown PAH substance	11.54	7.5	ug/l	J
	Total TIC, Semi-Volatile		46	ug/l	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

4.12
4

Report of Analysis

Client Sample ID:	TWP-6	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-12	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8081B SW846 3510C		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G220060.D	1	03/06/26 16:14	RK	03/03/26 09:30	OP71350	G1G7968
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0050	0.0026	ug/l	
319-84-6	alpha-BHC	ND	0.0050	0.0026	ug/l	
319-85-7	beta-BHC	ND	0.0050	0.0040	ug/l	
319-86-8	delta-BHC	ND	0.0050	0.0033	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0050	0.0030	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0050	0.0025	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0050	0.0021	ug/l	
60-57-1	Dieldrin	ND	0.0050	0.0038	ug/l	
72-54-8	4,4' -DDD	ND	0.0050	0.0029	ug/l	
72-55-9	4,4' -DDE	ND	0.0050	0.0025	ug/l	
50-29-3	4,4' -DDT	ND	0.0050	0.0034	ug/l	
72-20-8	Endrin	ND	0.0050	0.0030	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0050	0.0027	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0050	0.0034	ug/l	
53494-70-5	Endrin ketone	ND	0.0050	0.0031	ug/l	
959-98-8	Endosulfan-I	ND	0.0050	0.0026	ug/l	
33213-65-9	Endosulfan-II	ND	0.0050	0.0024	ug/l	
76-44-8	Heptachlor	ND	0.0050	0.0022	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0050	0.0030	ug/l	
72-43-5	Methoxychlor	ND	0.010	0.0034	ug/l	
8001-35-2	Toxaphene	ND	0.13	0.082	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	48%		10-175%
877-09-8	Tetrachloro-m-xylene	49%		10-175%
2051-24-3	Decachlorobiphenyl	28%		10-128%
2051-24-3	Decachlorobiphenyl	22%		10-128%

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Report of Analysis

Client Sample ID:	TWP-6	
Lab Sample ID:	JE29061-12	Date Sampled: 02/27/26
Matrix:	AQ - Ground Water	Date Received: 02/28/26
Method:	SW846 8082A SW846 3510C	Percent Solids: n/a
Project:	14373, Peekskill Phase II, NY	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G158423.D	1	03/03/26 23:37	AS	03/03/26 09:30	OP71351	G3G5744
Run #2							

	Initial Volume	Final Volume
Run #1	890 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.28	0.11	ug/l	
11104-28-2	Aroclor 1221	ND	0.28	0.24	ug/l	
11141-16-5	Aroclor 1232	ND	0.28	0.15	ug/l	
53469-21-9	Aroclor 1242	ND	0.28	0.26	ug/l	
12672-29-6	Aroclor 1248	ND	0.28	0.24	ug/l	
11097-69-1	Aroclor 1254	ND	0.28	0.23	ug/l	
11096-82-5	Aroclor 1260	ND	0.28	0.23	ug/l	
11100-14-4	Aroclor 1268	ND	0.28	0.097	ug/l	
37324-23-5	Aroclor 1262	ND	0.28	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	33%		10-169%
877-09-8	Tetrachloro-m-xylene	52%		10-169%
2051-24-3	Decachlorobiphenyl	12%		10-130%
2051-24-3	Decachlorobiphenyl	33%		10-130%

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-6	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-12	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	14373, Peekskill Phase II, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	142000	200	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Antimony ^a	< 30	30	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Arsenic ^a	95.4	15	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Barium	1120	200	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Beryllium	8.7	1.0	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Cadmium	5.7	3.0	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Calcium	224000	25000	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Chromium	249	10	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Cobalt	260	50	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Copper ^a	1680	50	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Iron	739000	500	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Lead ^a	1970	15	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Magnesium	79900	5000	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Manganese	13800	75	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Mercury	< 0.20	0.20	ug/l	1	03/04/26	03/04/26 MK	SW846 7470A ²	SW846 7470A ⁵
Nickel ^a	334	50	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Potassium	27800	10000	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Selenium ^a	< 50	50	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Silver	< 10	10	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Sodium	461000	50000	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Thallium ^a	< 50	50	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Vanadium	349	50	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Zinc	2720	20	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴

(1) Instrument QC Batch: MA60367

(2) Instrument QC Batch: MA60370

(3) Instrument QC Batch: MA60372

(4) Prep QC Batch: MP60446

(5) Prep QC Batch: MP60467

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TWP-6	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-12	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	14373, Peekskill Phase II, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.039	0.020	mg/l	1	03/06/26 14:56	JD	EPA 335.4/LACHAT

RL = Reporting Limit

4.12
4

Report of Analysis

Client Sample ID:	TWP-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-13	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	1F25959.D	1	03/02/26 21:02	ED	n/a	n/a	V1F806
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	0.98	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane ^b	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	0.78	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.92	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-13	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260D		
Project:	14373, Peekskill Phase II, NY		

VOA TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.58	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		80-120%
17060-07-0	1,2-Dichloroethane-D4	108%		80-120%
2037-26-5	Toluene-D8	94%		80-120%
460-00-4	4-Bromofluorobenzene	97%		82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

(a) (pH= 3)Sample pH did not satisfy field preservation criteria.

(b) Associated CCV outside of control limits low. A sensitivity check was analyzed to demonstrate system suitability to detect affected analyte. Sample was ND.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-13	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270E SW846 3510C		
Project:	14373, Peekskill Phase II, NY		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	CT16527.D	1	03/04/26 14:20	AO	03/03/26 09:30	OP71349	ECT718
Run #2							

Run #	Initial Volume	Final Volume
Run #1	890 ml	1.0 ml
Run #2		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.6	0.92	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.6	1.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.2	1.4	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.6	2.7	ug/l	
51-28-5	2,4-Dinitrophenol ^a	ND	5.6	1.7	ug/l	
534-52-1	4,6-Dinitro-o-cresol ^a	ND	5.6	1.5	ug/l	
95-48-7	2-Methylphenol	ND	2.2	1.0	ug/l	
	3&4-Methylphenol	ND	2.2	0.99	ug/l	
88-75-5	2-Nitrophenol ^a	ND	5.6	1.1	ug/l	
100-02-7	4-Nitrophenol	ND	11	1.3	ug/l	
87-86-5	Pentachlorophenol	ND	4.5	1.6	ug/l	
108-95-2	Phenol	ND	2.2	0.44	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.6	1.6	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.6	1.5	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	2.2	1.0	ug/l	
83-32-9	Acenaphthene	ND	1.1	0.21	ug/l	
208-96-8	Acenaphthylene	0.28	1.1	0.15	ug/l	J
98-86-2	Acetophenone	ND	2.2	0.23	ug/l	
120-12-7	Anthracene	0.43	1.1	0.24	ug/l	J
1912-24-9	Atrazine	ND	2.2	0.50	ug/l	
100-52-7	Benzaldehyde	ND	5.6	0.32	ug/l	
56-55-3	Benzo(a)anthracene	1.6	1.1	0.23	ug/l	
50-32-8	Benzo(a)pyrene	1.6	1.1	0.24	ug/l	
205-99-2	Benzo(b)fluoranthene	1.6	1.1	0.23	ug/l	
191-24-2	Benzo(g,h,i)perylene	0.91	1.1	0.38	ug/l	J
207-08-9	Benzo(k)fluoranthene	0.80	1.1	0.23	ug/l	J
101-55-3	4-Bromophenyl phenyl ether	ND	2.2	0.45	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.2	0.51	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.1	0.24	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.2	0.27	ug/l	
106-47-8	4-Chloroaniline	ND	5.6	0.38	ug/l	
86-74-8	Carbazole	ND	1.1	0.26	ug/l	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-13	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270E SW846 3510C		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Compound	Result	RL	MDL	Units	Q
105-60-2	Caprolactam	ND	2.2	0.73	ug/l	
218-01-9	Chrysene	1.6	1.1	0.20	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.2	0.31	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.2	0.28	ug/l	
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.2	0.45	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.2	0.41	ug/l	
121-14-2	2,4-Dinitrotoluene ^a	ND	1.1	0.62	ug/l	
606-20-2	2,6-Dinitrotoluene ^a	ND	1.1	0.53	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.2	0.57	ug/l	
123-91-1	1,4-Dioxane	ND	1.1	0.74	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.1	0.37	ug/l	
132-64-9	Dibenzofuran	ND	5.6	0.25	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.2	0.56	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.2	0.26	ug/l	
84-66-2	Diethyl phthalate	ND	2.2	0.29	ug/l	
131-11-3	Dimethyl phthalate	ND	2.2	0.24	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.2	1.9	ug/l	
206-44-0	Fluoranthene	2.7	1.1	0.19	ug/l	
86-73-7	Fluorene	ND	1.1	0.19	ug/l	
118-74-1	Hexachlorobenzene	ND	1.1	0.37	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.1	0.55	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	11	3.1	ug/l	
67-72-1	Hexachloroethane	ND	1.1	0.44	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	0.77	1.1	0.37	ug/l	J
78-59-1	Isophorone	ND	2.2	0.31	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.1	0.24	ug/l	
88-74-4	2-Nitroaniline	ND	5.6	0.31	ug/l	
99-09-2	3-Nitroaniline	ND	5.6	0.43	ug/l	
100-01-6	4-Nitroaniline	ND	5.6	0.49	ug/l	
91-20-3	Naphthalene	ND	1.1	0.26	ug/l	
98-95-3	Nitrobenzene	ND	1.1	0.72	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	1.1	0.54	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.6	0.25	ug/l	
85-01-8	Phenanthrene	1.1	1.1	0.20	ug/l	
129-00-0	Pyrene	2.4	1.1	0.25	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.2	0.42	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	29%		10-71%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-13	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8270E SW846 3510C		
Project:	14373, Peekskill Phase II, NY		

ABN TCL List (SOM0 2.0)

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
4165-62-2	Phenol-d5	21%		10-58%
118-79-6	2,4,6-Tribromophenol	66%		22-144%
4165-60-0	Nitrobenzene-d5	75%		28-118%
321-60-8	2-Fluorobiphenyl	69%		34-116%
1718-51-0	Terphenyl-d14	56%		10-127%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Alkane	9.74	5.1	ug/l	J
	Alkane	10.06	6.8	ug/l	J
	Unknown	10.29	5.9	ug/l	J
	Alkane	10.38	6	ug/l	J
	Unknown	10.59	4.5	ug/l	J
	Alkane	10.68	8.3	ug/l	J
	Unknown	10.91	6	ug/l	J
	Alkane	11.00	10	ug/l	J
	Unknown	11.13	8.6	ug/l	J
	Alkane	11.34	10	ug/l	J
	Unknown PAH substance	11.54	4.9	ug/l	J
	Total TIC, Semi-Volatile		76.1	ug/l	J

(a) Associated CCV outside of control limits high, sample was ND.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

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Report of Analysis

Page 1 of 1

Client Sample ID:	TWP-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-13	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8081B SW846 3510C		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	1G220058.D	1	03/06/26 15:39	RK	03/03/26 09:30	OP71350	G1G7968
Run #2							

	Initial Volume	Final Volume
Run #1	1000 ml	5.0 ml
Run #2		

Pesticide TCL List

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0050	0.0026	ug/l	
319-84-6	alpha-BHC	ND	0.0050	0.0026	ug/l	
319-85-7	beta-BHC	ND	0.0050	0.0040	ug/l	
319-86-8	delta-BHC	ND	0.0050	0.0033	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0050	0.0030	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0050	0.0025	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0050	0.0021	ug/l	
60-57-1	Dieldrin	ND	0.0050	0.0038	ug/l	
72-54-8	4,4' -DDD	ND	0.0050	0.0029	ug/l	
72-55-9	4,4' -DDE	ND	0.0050	0.0025	ug/l	
50-29-3	4,4' -DDT	ND	0.0050	0.0034	ug/l	
72-20-8	Endrin	ND	0.0050	0.0030	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0050	0.0027	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0050	0.0034	ug/l	
53494-70-5	Endrin ketone	ND	0.0050	0.0031	ug/l	
959-98-8	Endosulfan-I	ND	0.0050	0.0026	ug/l	
33213-65-9	Endosulfan-II	ND	0.0050	0.0024	ug/l	
76-44-8	Heptachlor	ND	0.0050	0.0022	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0050	0.0030	ug/l	
72-43-5	Methoxychlor	ND	0.010	0.0034	ug/l	
8001-35-2	Toxaphene	ND	0.13	0.082	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	46%		10-175%
877-09-8	Tetrachloro-m-xylene	45%		10-175%
2051-24-3	Decachlorobiphenyl	21%		10-128%
2051-24-3	Decachlorobiphenyl	19%		10-128%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-13	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8082A SW846 3510C		
Project:	14373, Peekskill Phase II, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	3G158421.D	1	03/03/26 23:03	AS	03/03/26 09:30	OP71351	G3G5744
Run #2							

	Initial Volume	Final Volume
Run #1	950 ml	5.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	0.10	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	0.22	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	0.14	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	0.25	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	0.23	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	0.22	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	0.22	ug/l	
11100-14-4	Aroclor 1268	ND	0.26	0.091	ug/l	
37324-23-5	Aroclor 1262	ND	0.26	0.24	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	24%		10-169%
877-09-8	Tetrachloro-m-xylene	39%		10-169%
2051-24-3	Decachlorobiphenyl	9% ^a		10-130%
2051-24-3	Decachlorobiphenyl	13%		10-130%

(a) Outside of in house control limits.

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TWP-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-13	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	14373, Peekskill Phase II, NY		

Total Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Aluminum	241000	200	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Antimony ^a	< 30	30	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Arsenic ^a	149	15	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Barium	1710	200	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Beryllium	11.1	1.0	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Cadmium	< 3.0	3.0	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Calcium	148000	5000	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Chromium	320	10	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Cobalt	211	50	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Copper ^a	528	50	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Iron	507000	500	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Lead ^a	2300	15	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Magnesium	107000	5000	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Manganese	10600	75	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Mercury	< 0.20	0.20	ug/l	1	03/04/26	03/04/26 MK	SW846 7470A ²	SW846 7470A ⁵
Nickel ^a	367	50	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Potassium	36800	10000	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Selenium ^a	< 50	50	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Silver	< 10	10	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Sodium	195000	10000	ug/l	1	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Thallium ^a	< 50	50	ug/l	5	03/03/26	03/04/26 LM	SW846 6010D ³	SW846 3010A ⁴
Vanadium	485	50	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴
Zinc	1290	20	ug/l	1	03/03/26	03/03/26 LM	SW846 6010D ¹	SW846 3010A ⁴

(1) Instrument QC Batch: MA60367

(2) Instrument QC Batch: MA60370

(3) Instrument QC Batch: MA60372

(4) Prep QC Batch: MP60446

(5) Prep QC Batch: MP60467

(a) Elevated detection limit due to dilution required for high interfering element.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TWP-10	Date Sampled:	02/27/26
Lab Sample ID:	JE29061-13	Date Received:	02/28/26
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Project:	14373, Peekskill Phase II, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Cyanide	0.035	0.020	mg/l	1	03/06/26 14:57	JD	EPA 335.4/LACHAT

RL = Reporting Limit

4.13
4

Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

SGS NORTH AMERICA, INC. (201001)
2235 Route 130, Dayton, NJ 08810
TEL: 732-329-0200
www.sgs.com/ehsusa

ED-LA Tracking #
SGS Quote #

Order Invoice Code
SGS Job #
EV-0225-26-128
JE29061

Client / Reporting Information		Project Information		Analysis Requested												Matrix Codes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Company Name: Sesi Consulting		Project Name: Peekskill Phase II 14373														DW - Drinking Water GW - Ground Water WW - Wastewater SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WIP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Street Address: 959 US-46 P.3 Suite 300 City: Parsippany, NJ 07054 State: NJ Zip: 07054		Billing Information (if different from Report to) Company Name: Project #: Street Address: City: State: Zip:		XTEL 20 + SLC1D1G33N421 X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Project Contact: Margarita Chirizake Sesi.org Phone #:		Project Manager: Favonte, Lamphere																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Sample Custody must be documented below each time samples change possession, including courier delivery.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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260227 1641		Received By: 11 FAV		Date / Time: 260227 1641		Relinquished By: 12 FAV		Date / Time: 260227 1641		Received By: 12 FAV		Date / Time: 260227 1641		Relinquished By: 13 FAV		Date / Time: 260227 1641		Received By: 13 FAV		Date / Time: 260227 1641		Relinquished By: 14 FAV		Date / Time: 260227 1641		Received By: 14 FAV		Date / Time: 260227 1641		Relinquished By: 15 FAV		Date / Time: 260227 1641		Received By: 15 FAV		Date / Time: 260227 1641		Relinquished By: 16 FAV		Date / Time: 260227 1641		Received By: 16 FAV		Date / Time: 260227 1641		Relinquished By: 17 FAV		Date / Time: 260227 1641		Received By: 17 FAV		Date / Time: 260227 1641		Relinquished By: 18 FAV		Date / Time: 260227 1641		Received By: 18 FAV		Date / Time: 260227 1641		Relinquished By: 19 FAV		Date / Time: 260227 1641		Received By: 19 FAV		Date / Time: 260227 1641		Relinquished By: 20 FAV		Date / Time: 260227 1641		Received By: 20 FAV		Date / Time: 260227 1641		Relinquished By: 21 FAV		Date / Time: 260227 1641		Received By: 21 FAV		Date / Time: 260227 1641		Relinquished By: 22 FAV		Date / Time: 260227 1641		Received By: 22 FAV		Date / Time: 260227 1641		Relinquished By: 23 FAV		Date / Time: 260227 1641		Received By: 23 FAV		Date / Time: 260227 1641		Relinquished By: 24 FAV		Date / Time: 260227 1641		Received By: 24 FAV		Date / Time: 260227 1641		Relinquished By: 25 FAV		Date / Time: 260227 1641		Received By: 25 FAV		Date / Time: 260227 1641		Relinquished By: 26 FAV		Date / Time: 260227 1641		Received By: 26 FAV		Date / Time: 260227 1641		Relinquished By: 27 FAV		Date / Time: 260227 1641		Received By: 27 FAV		Date / Time: 260227 1641		Relinquished By: 28 FAV		Date / Time: 260227 1641		Received By: 28 FAV		Date / Time: 260227 1641		Relinquished By: 29 FAV		Date / Time: 260227 1641		Received By: 29 FAV		Date / Time: 260227 1641		Relinquished By: 30 FAV		Date / Time: 260227 1641		Received By: 30 FAV		Date / Time: 260227 1641		Relinquished By: 31 FAV		Date / Time: 260227 1641		Received By: 31 FAV		Date / Time: 260227 1641		Relinquished By: 32 FAV		Date / Time: 260227 1641		Received By: 32 FAV		Date / Time: 260227 1641		Relinquished By: 33 FAV		Date / Time: 260227 1641		Received By: 33 FAV		Date / Time: 260227 1641		Relinquished By: 34 FAV		Date / Time: 260227 1641		Received By: 34 FAV		Date / Time: 260227 1641		Relinquished By: 35 FAV		Date / Time: 260227 1641		Received By: 35 FAV		Date / Time: 260227 1641		Relinquished By: 36 FAV		Date / Time: 260227 1641		Received By: 36 FAV		Date / Time: 260227 1641		Relinquished By: 37 FAV		Date / Time: 260227 1641		Received By: 37 FAV		Date / Time: 260227 1641		Relinquished By: 38 FAV		Date / Time: 260227 1641		Received By: 38 FAV		Date / Time: 260227 1641		Relinquished By: 39 FAV		Date / Time: 260227 1641		Received By: 39 FAV		Date / Time: 260227 1641		Relinquished By: 40 FAV		Date / Time: 260227 1641		Received By: 40 FAV		Date / Time: 260227 1641		Relinquished By: 41 FAV		Date / Time: 260227 1641		Received By: 41 FAV		Date / Time: 260227 1641		Relinquished By: 42 FAV		Date / Time: 260227 1641		Received By: 42 FAV		Date / Time: 260227 1641		Relinquished By: 43 FAV		Date / Time: 260227 1641		Received By: 43 FAV		Date / Time: 260227 1641		Relinquished By: 44 FAV		Date / Time: 260227 1641		Received By: 44 FAV		Date / Time: 260227 1641		Relinquished By: 45 FAV		Date / Time: 260227 1641		Received By: 45 FAV		Date / Time: 260227 1641		Relinquished By: 46 FAV		Date / Time: 260227 1641		Received By: 46 FAV		Date / Time: 260227 1641		Relinquished By: 47 FAV		Date / Time: 260227 1641		Received By: 47 FAV		Date / Time: 260227 1641		Relinquished By: 48 FAV		Date / Time: 260227 1641		Received By: 48 FAV		Date / Time: 260227 1641		Relinquished By: 49 FAV		Date / Time: 260227 1641		Received By: 49 FAV		Date / Time: 260227 1641		Relinquished By: 50 FAV		Date / Time: 260227 1641		Received By: 50 FAV		Date / Time: 260227 1641		Relinquished By: 51 FAV		Date / Time: 260227 1641		Received By: 51 FAV		Date / Time: 260227 1641		Relinquished By: 52 FAV		Date / Time: 260227 1641		Received By: 52 FAV		Date / Time: 260227 1641		Relinquished By: 53 FAV		Date / Time: 260227 1641		Received By: 53 FAV		Date / Time: 260227 1641		Relinquished By: 54 FAV		Date / Time: 260227 1641		Received By: 54 FAV		Date / Time: 260227 1641		Relinquished By: 55 FAV		Date / Time: 260227 1641		Received By: 55 FAV		Date / Time: 260227 1641		Relinquished By: 56 FAV		Date / Time: 260227 1641		Received By: 56 FAV		Date / Time: 260227 1641		Relinquished By: 57 FAV		Date / Time: 260227 1641		Received By: 57 FAV		Date / Time: 260227 1641		Relinquished By: 58 FAV		Date / Time: 260227 1641		Received By: 58 FAV		Date / Time: 260227 1641		Relinquished By: 59 FAV		Date / Time: 260227 1641		Received By: 59 FAV		Date / Time: 260227 1641		Relinquished By: 60 FAV		Date / Time: 260227 1641		Received By: 60 FAV		Date / Time: 260227 1641		Relinquished By: 61 FAV		Date / Time: 260227 1641		Received By: 61 FAV		Date / Time: 260227 1641		Relinquished By: 62 FAV		Date / Time: 260227 1641		Received By: 62 FAV		Date / Time: 260227 1641		Relinquished By: 63 FAV		Date / Time: 260227 1641		Received By: 63 FAV		Date / Time: 260227 1641		Relinquished By: 64 FAV		Date / Time: 260227 1641		Received By: 64 FAV		Date / Time: 260227 1641		Relinquished By: 65 FAV		Date / Time: 260227 1641		Received By: 65 FAV		Date / Time: 260227 1641		Relinquished By: 66 FAV		Date / Time: 260227 1641		Received By: 66 FAV		Date / Time: 260227 1641		Relinquished By: 67 FAV		Date / Time: 260227 1641		Received By: 67 FAV		Date / Time: 260227 1641		Relinquished By: 68 FAV		Date / Time: 260227 1641		Received By: 68 FAV		Date / Time: 260227 1641		Relinquished By: 69 FAV		Date / Time: 260227 1641		Received By: 69 FAV		Date / Time: 260227 1641		Relinquished By: 70 FAV		Date / Time: 260227 1641		Received By: 70 FAV		Date / Time: 260227 1641		Relinquished By: 71 FAV		Date / Time: 260227 1641		Received By: 71 FAV		Date / Time: 260227 1641		Relinquished By: 72 FAV		Date / Time: 260227 1641		Received By: 72 FAV		Date / Time: 260227 1641		Relinquished By: 73 FAV		Date / Time: 260227 1641		Received By: 73 FAV		Date / Time: 260227 1641		Relinquished By: 74 FAV		Date / Time: 260227 1641		Received By: 74 FAV		Date / Time: 260227 1641		Relinquished By: 75 FAV		Date / Time: 260227 1641		Received By: 75 FAV		Date / Time: 260227 1641		Relinquished By: 76 FAV		Date / Time: 260227 1641		Received By: 76 FAV		Date / Time: 260227 1641		Relinquished By: 77 FAV		Date / Time: 260227 1641		Received By: 77 FAV		Date / Time: 260227 1641		Relinquished By: 78 FAV		Date / Time: 260227 1641		Received By: 78 FAV		Date / Time: 260227 1641		Relinquished By: 79 FAV		Date / Time: 260227 1641		Received By: 79 FAV		Date / Time: 260227 1641		Relinquished By: 80 FAV		Date / Time: 260227 1641		Received By: 80 FAV		Date / Time: 260227 1641		Relinquished By: 81 FAV		Date / Time: 260227 1641		Received By: 81 FAV		Date / Time: 260227 1641		Relinquished By: 82 FAV		Date / Time: 260227 1641		Received By: 82 FAV		Date / Time: 260227 1641		Relinquished By: 83 FAV		Date / Time: 260227 1641		Received By: 83 FAV		Date / Time: 260227 1641		Relinquished By: 84 FAV		Date / Time: 260227 1641		Received By: 84 FAV		Date / Time: 260227 1641		Relinquished By: 85 FAV		Date / Time: 260227 1641		Received By: 85 FAV		Date / Time: 260227 1641		Relinquished By: 86 FAV		Date / Time: 260227 1641		Received By: 86 FAV		Date / Time: 260227 1641		Relinquished By: 87 FAV		Date / Time: 260227 1641		Received By: 87 FAV		Date / Time: 260227 1641		Relinquished By: 88 FAV		Date / Time: 260227 1641		Received By: 88 FAV		Date / Time: 260227 1641		Relinquished By: 89 FAV		Date / Time: 260227 1641		Received By: 89 FAV		Date / Time: 260227 1641		Relinquished By: 90 FAV		Date / Time: 260227 1641		Received By: 90 FAV		Date / Time: 260227 1641		Relinquished By: 91 FAV		Date / Time: 260227 1641		Received By: 91 FAV		Date / Time: 260227 1641		Relinquished By: 92 FAV		Date / Time: 260227 1641		Received By: 92 FAV		Date / Time: 260227 1641		Relinquished By: 93 FAV		Date / Time: 260227 1641		Received By: 93 FAV		Date / Time: 260227 1641		Relinquished By: 94 FAV		Date / Time: 260227 1641		Received By: 94 FAV		Date / Time: 260227 1641		Relinquished By: 95 FAV		Date / Time: 260227 1641		Received By: 95 FAV		Date / Time: 260227 1641		Relinquished By: 96 FAV		Date / Time: 260227 1641		Received By: 96 FAV		Date / Time: 260227 1641		Relinquished By: 97 FAV		Date / Time: 260227 1641		Received By: 97 FAV		Date / Time: 260227 1641		Relinquished By: 98 FAV		Date / Time: 260227 1641		Received By: 98 FAV		Date / Time: 260227 1641		Relinquished By: 99 FAV		Date / Time: 260227 1641		Received By: 99 FAV		Date / Time: 260227 1641		Relinquished By: 100 FAV		Date / Time: 260227 1641		Received By: 100 FAV		Date / Time: 260227 1641		Relinquished By: 101 FAV		Date / Time: 260227 1641		Received By: 101 FAV		Date / Time: 260227 1641		Relinquished By: 102 FAV		Date / Time: 260227 1641		Received By: 102 FAV		Date / Time: 260227 1641		Relinquished By: 103 FAV		Date / Time: 260227 1641		Received By: 103 FAV		Date / Time: 260227 1641		Relinquished By: 104 FAV		Date / Time: 260227 1641		Received By: 104 FAV		Date / Time: 260227 1641		Relinquished By: 105 FAV		Date / Time: 260227 1641		Received By: 105 FAV		Date / Time: 260227 1641		Relinquished By: 106 FAV		Date / Time: 260227 1641		Received By: 106 F	



CHAIN OF CUSTODY

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SGS NORTH AMERICA LLC - HEADQUARTERS
2235 Route 130, Dayton, NJ 08810
TEL 732-329-0200
www.sgs.com/ehsusa

FED-EX Tracking #

Bottle Under Control #

SGS Quote #

SGS Job #

Client / Reporting Information		Project Information		Analysis Requested												Matrix Codes			
Company Name: SGSI		Project Name: Peckskin Phase II 14377														DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SD - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank			
Street Address:		Street:																	
City State Zip		City State																	
Project Contact E-mail		Project #																	
Phone #		Client Purchase Order #																	
Sampler(s) Name(s)		Project Manager																	
Attention:																			
Collection		Number of Bottles												pH Check (Lab Use Only)					
SGS Sample #	Field ID / Point of Collection	MEQ/ID Vial #	Date	Time	Sampled by	Grab (G) Comp (C)	Source Characterized (YN)	Matrix	# of bottles	HC	NaOH	HNO ₃	H ₂ SO ₄	NO ₃	DYNAL	MECH	ENCORE	LAB USE ONLY	
13	Twp-10	*	9/17/16	15:09					12										
Turn Around Time (Business Days)		Approved By (SGS PM) / Date:		Deliverable												Comments / Special Instructions			
☐ 10 Business Days ☐ 5 Business Days ☐ 3 Business Days* ☐ 2 Business Days* ☐ 1 Business Day* ☐ Other				☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☐ NJ Reduced (Level 3) ☐ Full Tier 1 (Level 4) ☐ Commercial "C" ☐ NJ DKGP ☐ NJGW Criteria 2025 "new" ☐ NYASP Category A ☐ NYASP Category B ☐ MA MCP Criteria ☐ CT RCP Criteria ☐ State Forms ☐ EDD Format												* Added to CoC in SH			
All data available via SGS Engage		* Approval needed for 1-3 BD TAT		Commercial "A" = Results only, Commercial "B" = Results + QC Summary Commercial "C" = Results + QC Summary + Partial Raw data												http://www.sgs.com/en/terms-and-conditions			
Sample Custody must be documented below each time samples change possession, including courier delivery.																			
Relinquished By:	Date / Time:	Received By:	Relinquished By:												Date / Time:	Received By:			
1		1	Fed Ex												10:30	2			
Relinquished By:	Date / Time:	Received By:	Relinquished By:												Date / Time:	Received By:			
3		3														4			
Relinquished By:	Date / Time:	Received By:	Custody Seal #												Therm ID:	On Ice	Cooler Temp. °C		
5		5																	
				☐ Intact ☐ Not intact ☐ Absent												See Sample Receipt Summary ☐			

Form 2901 - 03/10/2016

JE29061: Chain of Custody

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JE29061

SGS Sample Receipt Summary

Job Number: je29061

Client: SESI CONSULTING ENGINEERS

Project: 14373, PEEKSILL, NY

Date / Time Received: 2/28/2026 10:00:00 AM

Delivery Method: FED EX

Airbill #s:

Cooler Temps (Raw Measured) °C: Cooler 1: (4.7);

Cooler Temps (Corrected) °C: Cooler 1: (3.7);

Cooler Security

Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

3. COC Present: ☒ ☐
4. Smpl Dates/Time OK: ☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved: ☒ ☐
2. Cooler temp verification: IR-50
3. Cooler media: Ice (Bag)
4. No. Coolers: 1

Quality Control Preservation

Y or N N/A

1. Trip Blank present / cooler: ☐ ☒ ☐
2. Trip Blank listed on COC: ☐ ☒ ☐
3. Samples preserved properly: ☒ ☐ ☐
4. VOCs headspace free: ☒ ☐ ☐

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☒ ☐
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions

Y or N N/A

1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☐ ☒
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Test Strip Lot #s:

pH 1-12: 231619

pH 12+: 203117A

Other: (Specify)

Comments

- 1) -1 to -10 Matrix and analyses on COC do not match bottles rec'd. Please verify matrix and analyses.
- 2) Additional samples, TWP-5, TWP-6, and TWP-10, added to COC in SM. Please confirm analysis needed.

JE29061: Chain of Custody

Page 3 of 4

Responded to by: Louie DeVletter

Response Date: 3/2/2026

-1 through -10 matrix is SO, analyze only for XTCL20+. Analyze -11 through -13 for XTCL20+, SLCID1633NY21.

5.1

5

JE29061: Chain of Custody

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MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Surrogate Recovery Summaries

Method Blank Summary

Page 1 of 2

Job Number: JE29061**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1F806-MB	1F25927.D	1	03/02/26	ED	n/a	n/a	V1F806

The QC reported here applies to the following samples:**Method:** SW846 8260D

JE29061-11, JE29061-13

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	0.98	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	0.78	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.92	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	

Method Blank Summary

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Job Number: JE29061**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1F806-MB	1F25927.D	1	03/02/26	ED	n/a	n/a	V1F806

The QC reported here applies to the following samples:**Method:** SW846 8260D

JE29061-11, JE29061-13

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.58	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	105% 80-120%
17060-07-0	1,2-Dichloroethane-D4	103% 80-120%
2037-26-5	Toluene-D8	95% 80-120%
460-00-4	4-Bromofluorobenzene	96% 82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

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Job Number: JE29061**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2F806-MB	2F25928.D	1	03/02/26	ED	n/a	n/a	V2F806

The QC reported here applies to the following samples:**Method:** SW846 8260D

JE29061-12

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	3.1	ug/l	
71-43-2	Benzene	ND	0.50	0.43	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.48	ug/l	
75-27-4	Bromodichloromethane	ND	0.98	0.45	ug/l	
75-25-2	Bromoform	ND	1.0	0.63	ug/l	
74-83-9	Bromomethane	ND	2.0	1.6	ug/l	
78-93-3	2-Butanone (MEK)	ND	10	2.7	ug/l	
75-15-0	Carbon disulfide	ND	2.0	1.8	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.55	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.56	ug/l	
75-00-3	Chloroethane	ND	1.0	0.73	ug/l	
67-66-3	Chloroform	ND	1.0	0.50	ug/l	
74-87-3	Chloromethane	ND	1.0	0.76	ug/l	
110-82-7	Cyclohexane	ND	5.0	0.78	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.53	ug/l	
124-48-1	Dibromochloromethane	ND	0.78	0.56	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.48	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.53	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.54	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.51	ug/l	
75-71-8	Dichlorodifluoromethane	ND	2.0	0.56	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.57	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.60	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	0.59	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.51	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.54	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.92	0.51	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.47	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.43	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.60	ug/l	
76-13-1	Freon 113	ND	5.0	0.58	ug/l	
591-78-6	2-Hexanone	ND	5.0	4.8	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.65	ug/l	
79-20-9	Methyl Acetate	ND	5.0	0.80	ug/l	
108-87-2	Methylcyclohexane	ND	5.0	0.60	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.51	ug/l	

Method Blank Summary

Page 2 of 2

Job Number: JE29061**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2F806-MB	2F25928.D	1	03/02/26	ED	n/a	n/a	V2F806

The QC reported here applies to the following samples:**Method:** SW846 8260D

JE29061-12

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	4.9	ug/l	
75-09-2	Methylene chloride	ND	2.0	1.0	ug/l	
100-42-5	Styrene	ND	1.0	0.49	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.65	ug/l	
127-18-4	Tetrachloroethene	ND	1.0	0.56	ug/l	
108-88-3	Toluene	ND	1.0	0.49	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	1.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	0.50	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.54	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.58	0.53	ug/l	
79-01-6	Trichloroethene	ND	1.0	0.53	ug/l	
75-69-4	Trichlorofluoromethane	ND	2.0	0.40	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.52	ug/l	
	m,p-Xylene	ND	1.0	0.78	ug/l	
95-47-6	o-Xylene	ND	1.0	0.59	ug/l	
1330-20-7	Xylene (total)	ND	1.0	0.59	ug/l	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	103% 80-120%
17060-07-0	1,2-Dichloroethane-D4	103% 80-120%
2037-26-5	Toluene-D8	94% 80-120%
460-00-4	4-Bromofluorobenzene	96% 82-114%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/l	

Method Blank Summary

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Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C9155-MB	1C213226.D	1	03/03/26	PS	n/a	n/a	V1C9155

The QC reported here applies to the following samples:

Method: SW846 8260D

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	10	4.1	ug/kg	
71-43-2	Benzene	ND	0.50	0.46	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.56	ug/kg	
75-27-4	Bromodichloromethane	ND	2.0	0.43	ug/kg	
75-25-2	Bromoform	ND	5.0	1.4	ug/kg	
74-83-9	Bromomethane	ND	5.0	0.76	ug/kg	
78-93-3	2-Butanone (MEK)	ND	10	2.4	ug/kg	
75-15-0	Carbon disulfide	ND	2.0	0.54	ug/kg	
56-23-5	Carbon tetrachloride	ND	2.0	0.62	ug/kg	
108-90-7	Chlorobenzene	ND	2.0	0.46	ug/kg	
75-00-3	Chloroethane	ND	5.0	0.59	ug/kg	
67-66-3	Chloroform	ND	2.0	1.0	ug/kg	
74-87-3	Chloromethane	ND	5.0	2.0	ug/kg	
110-82-7	Cyclohexane	ND	2.0	0.66	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.0	0.69	ug/kg	
124-48-1	Dibromochloromethane	ND	2.0	0.56	ug/kg	
106-93-4	1,2-Dibromoethane	ND	1.0	0.42	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	1.0	0.55	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	1.0	0.50	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	1.0	0.49	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.73	ug/kg	
75-34-3	1,1-Dichloroethane	ND	1.0	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	1.0	0.47	ug/kg	
75-35-4	1,1-Dichloroethene	ND	1.0	0.66	ug/kg	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.84	ug/kg	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	0.61	ug/kg	
78-87-5	1,2-Dichloropropane	ND	2.0	0.47	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	2.0	0.48	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	2.0	0.46	ug/kg	
100-41-4	Ethylbenzene	ND	1.0	0.45	ug/kg	
76-13-1	Freon 113	ND	5.0	2.7	ug/kg	
591-78-6	2-Hexanone	ND	5.0	2.1	ug/kg	
98-82-8	Isopropylbenzene	ND	2.0	1.4	ug/kg	
79-20-9	Methyl Acetate	ND	5.0	1.4	ug/kg	
108-87-2	Methylcyclohexane	ND	2.0	0.88	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.47	ug/kg	

Method Blank Summary

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Job Number: JE29061**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C9155-MB	1C213226.D	1	03/03/26	PS	n/a	n/a	V1C9155

The QC reported here applies to the following samples:**Method:** SW846 8260D

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	Result	RL	MDL	Units	Q
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	5.0	2.3	ug/kg	
75-09-2	Methylene chloride	ND	5.0	2.6	ug/kg	
100-42-5	Styrene	ND	2.0	0.40	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	0.60	ug/kg	
127-18-4	Tetrachloroethene	ND	2.0	0.58	ug/kg	
108-88-3	Toluene	ND	1.0	0.53	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	2.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	2.5	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	2.0	0.48	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	2.0	0.55	ug/kg	
79-01-6	Trichloroethene	ND	1.0	0.76	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	0.68	ug/kg	
75-01-4	Vinyl chloride	ND	2.0	0.48	ug/kg	
	m,p-Xylene	ND	1.0	0.90	ug/kg	
95-47-6	o-Xylene	ND	1.0	0.46	ug/kg	
1330-20-7	Xylene (total)	ND	1.0	0.46	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	102% 80-124%
17060-07-0	1,2-Dichloroethane-D4	105% 75-133%
2037-26-5	Toluene-D8	107% 79-125%
460-00-4	4-Bromofluorobenzene	94% 58-148%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Volatile		0	ug/kg	

Blank Spike Summary

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Job Number: JE29061

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2F806-BS	2F25924.D	1	03/02/26	ED	n/a	n/a	V2F806

The QC reported here applies to the following samples:

Method: SW846 8260D

JE29061-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	226	113	27-175
71-43-2	Benzene	50	52.6	105	80-115
74-97-5	Bromochloromethane	50	52.6	105	83-122
75-27-4	Bromodichloromethane	50	50.7	101	82-119
75-25-2	Bromoform	50	52.8	106	77-135
74-83-9	Bromomethane	50	44.2	88	40-162
78-93-3	2-Butanone (MEK)	200	214	107	61-150
75-15-0	Carbon disulfide	50	53.9	108	64-130
56-23-5	Carbon tetrachloride	50	52.4	105	75-127
108-90-7	Chlorobenzene	50	52.0	104	80-115
75-00-3	Chloroethane	50	49.6	99	56-144
67-66-3	Chloroform	50	53.9	108	75-116
74-87-3	Chloromethane	50	64.0	128	41-153
110-82-7	Cyclohexane	50	50.8	102	66-129
96-12-8	1,2-Dibromo-3-chloropropane	50	49.8	100	69-134
124-48-1	Dibromochloromethane	50	52.7	105	81-123
106-93-4	1,2-Dibromoethane	50	53.4	107	67-138
95-50-1	1,2-Dichlorobenzene	50	52.1	104	81-117
541-73-1	1,3-Dichlorobenzene	50	51.9	104	81-115
106-46-7	1,4-Dichlorobenzene	50	51.1	102	80-114
75-71-8	Dichlorodifluoromethane	50	53.0	106	43-152
75-34-3	1,1-Dichloroethane	50	57.1	114	75-125
107-06-2	1,2-Dichloroethane	50	54.0	108	73-117
75-35-4	1,1-Dichloroethene	50	59.4	119	70-124
156-59-2	cis-1,2-Dichloroethene	50	53.1	106	80-120
156-60-5	trans-1,2-Dichloroethene	50	52.7	105	77-121
78-87-5	1,2-Dichloropropane	50	57.6	115	79-121
10061-01-5	cis-1,3-Dichloropropene	50	54.4	109	83-123
10061-02-6	trans-1,3-Dichloropropene	50	52.6	105	83-122
100-41-4	Ethylbenzene	50	50.7	101	78-116
76-13-1	Freon 113	50	53.1	106	68-134
591-78-6	2-Hexanone	200	230	115	66-136
98-82-8	Isopropylbenzene	50	53.2	106	78-121
79-20-9	Methyl Acetate	50	50.6	101	60-143
108-87-2	Methylcyclohexane	50	49.9	100	71-123
1634-04-4	Methyl Tert Butyl Ether	50	52.2	104	76-123

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: JE29061

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2F806-BS	2F25924.D	1	03/02/26	ED	n/a	n/a	V2F806

The QC reported here applies to the following samples:

Method: SW846 8260D

JE29061-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	200	233	117	73-134
75-09-2	Methylene chloride	50	50.9	102	73-123
100-42-5	Styrene	50	54.7	109	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	49.0	98	73-126
127-18-4	Tetrachloroethene	50	52.6	105	73-119
108-88-3	Toluene	50	49.6	99	79-116
87-61-6	1,2,3-Trichlorobenzene	50	52.6	105	63-137
120-82-1	1,2,4-Trichlorobenzene	50	51.1	102	68-135
71-55-6	1,1,1-Trichloroethane	50	52.0	104	76-124
79-00-5	1,1,2-Trichloroethane	50	52.1	104	83-117
79-01-6	Trichloroethene	50	54.8	110	80-118
75-69-4	Trichlorofluoromethane	50	56.6	113	67-134
75-01-4	Vinyl chloride	50	60.0	120	52-146
	m,p-Xylene	100	105	105	79-119
95-47-6	o-Xylene	50	53.0	106	81-119
1330-20-7	Xylene (total)	150	158	105	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	102%	80-120%
17060-07-0	1,2-Dichloroethane-D4	100%	80-120%
2037-26-5	Toluene-D8	95%	80-120%
460-00-4	4-Bromofluorobenzene	97%	82-114%

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: JE29061**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1F806-BS	1F25925.D	1	03/02/26	ED	n/a	n/a	V1F806

The QC reported here applies to the following samples:**Method:** SW846 8260D

JE29061-11, JE29061-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	200	222	111	27-175
71-43-2	Benzene	50	50.2	100	80-115
74-97-5	Bromochloromethane	50	53.0	106	83-122
75-27-4	Bromodichloromethane	50	49.1	98	82-119
75-25-2	Bromoform	50	52.5	105	77-135
74-83-9	Bromomethane	50	40.2	80	40-162
78-93-3	2-Butanone (MEK)	200	206	103	61-150
75-15-0	Carbon disulfide	50	49.5	99	64-130
56-23-5	Carbon tetrachloride	50	49.8	100	75-127
108-90-7	Chlorobenzene	50	49.4	99	80-115
75-00-3	Chloroethane	50	49.5	99	56-144
67-66-3	Chloroform	50	54.6	109	75-116
74-87-3	Chloromethane	50	59.9	120	41-153
110-82-7	Cyclohexane	50	48.3	97	66-129
96-12-8	1,2-Dibromo-3-chloropropane	50	51.1	102	69-134
124-48-1	Dibromochloromethane	50	53.4	107	81-123
106-93-4	1,2-Dibromoethane	50	53.6	107	67-138
95-50-1	1,2-Dichlorobenzene	50	49.8	100	81-117
541-73-1	1,3-Dichlorobenzene	50	49.2	98	81-115
106-46-7	1,4-Dichlorobenzene	50	48.5	97	80-114
75-71-8	Dichlorodifluoromethane	50	49.6	99	43-152
75-34-3	1,1-Dichloroethane	50	55.6	111	75-125
107-06-2	1,2-Dichloroethane	50	52.2	104	73-117
75-35-4	1,1-Dichloroethene	50	57.1	114	70-124
156-59-2	cis-1,2-Dichloroethene	50	50.8	102	80-120
156-60-5	trans-1,2-Dichloroethene	50	51.2	102	77-121
78-87-5	1,2-Dichloropropane	50	54.9	110	79-121
10061-01-5	cis-1,3-Dichloropropene	50	52.2	104	83-123
10061-02-6	trans-1,3-Dichloropropene	50	52.0	104	83-122
100-41-4	Ethylbenzene	50	47.7	95	78-116
76-13-1	Freon 113	50	49.8	100	68-134
591-78-6	2-Hexanone	200	223	112	66-136
98-82-8	Isopropylbenzene	50	50.9	102	78-121
79-20-9	Methyl Acetate	50	49.6	99	60-143
108-87-2	Methylcyclohexane	50	47.6	95	71-123
1634-04-4	Methyl Tert Butyl Ether	50	52.1	104	76-123

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: JE29061

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1F806-BS	1F25925.D	1	03/02/26	ED	n/a	n/a	V1F806

The QC reported here applies to the following samples:

Method: SW846 8260D

JE29061-11, JE29061-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	200	226	113	73-134
75-09-2	Methylene chloride	50	48.1	96	73-123
100-42-5	Styrene	50	51.9	104	81-125
79-34-5	1,1,2,2-Tetrachloroethane	50	50.9	102	73-126
127-18-4	Tetrachloroethene	50	50.3	101	73-119
108-88-3	Toluene	50	48.9	98	79-116
87-61-6	1,2,3-Trichlorobenzene	50	53.3	107	63-137
120-82-1	1,2,4-Trichlorobenzene	50	53.1	106	68-135
71-55-6	1,1,1-Trichloroethane	50	50.4	101	76-124
79-00-5	1,1,2-Trichloroethane	50	50.5	101	83-117
79-01-6	Trichloroethene	50	52.3	105	80-118
75-69-4	Trichlorofluoromethane	50	52.6	105	67-134
75-01-4	Vinyl chloride	50	56.3	113	52-146
	m,p-Xylene	100	100	100	79-119
95-47-6	o-Xylene	50	51.0	102	81-119
1330-20-7	Xylene (total)	150	151	101	80-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	101%	80-120%
17060-07-0	1,2-Dichloroethane-D4	99%	80-120%
2037-26-5	Toluene-D8	95%	80-120%
460-00-4	4-Bromofluorobenzene	95%	82-114%

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: JE29061**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C9155-BS	1C213224.D	1	03/03/26	PS	n/a	n/a	V1C9155

The QC reported here applies to the following samples:**Method:** SW846 8260D

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	200	208	104	52-156
71-43-2	Benzene	50	54.4	109	82-119
74-97-5	Bromochloromethane	50	46.4	93	82-123
75-27-4	Bromodichloromethane	50	57.4	115	83-121
75-25-2	Bromoform	50	58.0	116	74-138
74-83-9	Bromomethane	50	49.4	99	56-150
78-93-3	2-Butanone (MEK)	200	201	101	72-138
75-15-0	Carbon disulfide	50	56.6	113	67-131
56-23-5	Carbon tetrachloride	50	52.1	104	72-130
108-90-7	Chlorobenzene	50	51.2	102	83-114
75-00-3	Chloroethane	50	42.2	84	67-141
67-66-3	Chloroform	50	49.1	98	76-115
74-87-3	Chloromethane	50	54.9	110	57-141
110-82-7	Cyclohexane	50	47.5	95	69-130
96-12-8	1,2-Dibromo-3-chloropropane	50	50.8	102	72-131
124-48-1	Dibromochloromethane	50	51.3	103	80-128
106-93-4	1,2-Dibromoethane	50	53.2	106	58-145
95-50-1	1,2-Dichlorobenzene	50	50.0	100	83-117
541-73-1	1,3-Dichlorobenzene	50	47.7	95	82-114
106-46-7	1,4-Dichlorobenzene	50	46.1	92	79-114
75-71-8	Dichlorodifluoromethane	50	60.4	121	49-146
75-34-3	1,1-Dichloroethane	50	51.4	103	76-126
107-06-2	1,2-Dichloroethane	50	52.9	106	76-118
75-35-4	1,1-Dichloroethene	50	49.6	99	72-125
156-59-2	cis-1,2-Dichloroethene	50	49.1	98	80-118
156-60-5	trans-1,2-Dichloroethene	50	49.9	100	76-122
78-87-5	1,2-Dichloropropane	50	54.8	110	82-123
10061-01-5	cis-1,3-Dichloropropene	50	53.9	108	83-123
10061-02-6	trans-1,3-Dichloropropene	50	54.3	109	83-123
100-41-4	Ethylbenzene	50	57.4	115	83-115
76-13-1	Freon 113	50	49.2	98	65-132
591-78-6	2-Hexanone	200	204	102	73-138
98-82-8	Isopropylbenzene	50	51.6	103	81-122
79-20-9	Methyl Acetate	50	55.2	110	63-142
108-87-2	Methylcyclohexane	50	56.0	112	73-126
1634-04-4	Methyl Tert Butyl Ether	50	53.6	107	75-126

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: JE29061

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V1C9155-BS	1C213224.D	1	03/03/26	PS	n/a	n/a	V1C9155

The QC reported here applies to the following samples:

Method: SW846 8260D

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	200	208	104	71-138
75-09-2	Methylene chloride	50	54.1	108	73-122
100-42-5	Styrene	50	52.3	105	84-122
79-34-5	1,1,2,2-Tetrachloroethane	50	51.0	102	75-127
127-18-4	Tetrachloroethene	50	56.1	112	73-125
108-88-3	Toluene	50	53.0	106	82-118
87-61-6	1,2,3-Trichlorobenzene	50	58.1	116	68-132
120-82-1	1,2,4-Trichlorobenzene	50	58.7	117	72-133
71-55-6	1,1,1-Trichloroethane	50	50.7	101	77-124
79-00-5	1,1,2-Trichloroethane	50	54.9	110	83-122
79-01-6	Trichloroethene	50	52.6	105	80-122
75-69-4	Trichlorofluoromethane	50	53.2	106	69-132
75-01-4	Vinyl chloride	50	55.1	110	60-144
	m,p-Xylene	100	101	101	82-119
95-47-6	o-Xylene	50	49.7	99	84-120
1330-20-7	Xylene (total)	150	151	101	83-119

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	103%	80-124%
17060-07-0	1,2-Dichloroethane-D4	109%	75-133%
2037-26-5	Toluene-D8	101%	79-125%
460-00-4	4-Bromofluorobenzene	99%	58-148%

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 2

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE29061-1MS	1C213238.D	1	03/03/26	PS	n/a	n/a	V1C9155
JE29061-1	1C213227.D	1	03/03/26	PS	n/a	n/a	V1C9155

The QC reported here applies to the following samples:

Method: SW846 8260D

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	JE29061-1 ug/kg	Spike Q	MS ug/kg	MS %	Limits
67-64-1	Acetone	23.6	247	166	58	10-170
71-43-2	Benzene	ND	61.7	64.0	104	61-132
74-97-5	Bromochloromethane	ND	61.7	50.8	82	68-126
75-27-4	Bromodichloromethane	ND	61.7	61.5	100	65-129
75-25-2	Bromoform	ND	61.7	60.9	99	52-136
74-83-9	Bromomethane	ND	61.7	45.6	74	23-158
78-93-3	2-Butanone (MEK)	ND	247	183	74	45-142
75-15-0	Carbon disulfide	ND	61.7	56.3	91	50-140
56-23-5	Carbon tetrachloride	ND	61.7	55.9	91	54-139
108-90-7	Chlorobenzene	ND	61.7	58.8	95	57-127
75-00-3	Chloroethane	ND	61.7	36.8	60	30-157
67-66-3	Chloroform	ND	61.7	52.1	84	59-127
74-87-3	Chloromethane	ND	61.7	51.0	83	49-145
110-82-7	Cyclohexane	ND	61.7	51.9	84	39-147
96-12-8	1,2-Dibromo-3-chloropropane	ND	61.7	47.6	77	35-140
124-48-1	Dibromochloromethane	ND	61.7	55.9	91	63-129
106-93-4	1,2-Dibromoethane	ND	61.7	55.2	90	45-141
95-50-1	1,2-Dichlorobenzene	ND	61.7	51.3	83	38-136
541-73-1	1,3-Dichlorobenzene	ND	61.7	48.6	79	37-135
106-46-7	1,4-Dichlorobenzene	ND	61.7	49.9	81	36-134
75-71-8	Dichlorodifluoromethane	ND	61.7	53.9	87	33-152
75-34-3	1,1-Dichloroethane	ND	61.7	52.0	84	68-131
107-06-2	1,2-Dichloroethane	ND	61.7	60.8	99	64-119
75-35-4	1,1-Dichloroethene	ND	61.7	53.7	87	60-133
156-59-2	cis-1,2-Dichloroethene	ND	61.7	51.8	84	58-133
156-60-5	trans-1,2-Dichloroethene	ND	61.7	50.6	82	62-130
78-87-5	1,2-Dichloropropane	ND	61.7	58.6	95	70-127
10061-01-5	cis-1,3-Dichloropropene	ND	61.7	59.0	96	64-126
10061-02-6	trans-1,3-Dichloropropene	ND	61.7	60.3	98	61-127
100-41-4	Ethylbenzene	ND	61.7	58.1	94	51-133
76-13-1	Freon 113	ND	61.7	54.7	89	46-138
591-78-6	2-Hexanone	ND	247	195	79	45-144
98-82-8	Isopropylbenzene	ND	61.7	55.8	90	44-142
79-20-9	Methyl Acetate	ND	61.7	53.0	86	14-192
108-87-2	Methylcyclohexane	ND	61.7	59.3	96	27-149
1634-04-4	Methyl Tert Butyl Ether	ND	61.7	53.8	87	62-125

* = Outside of Control Limits.

Matrix Spike Summary

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Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE29061-1MS	1C213238.D	1	03/03/26	PS	n/a	n/a	V1C9155
JE29061-1	1C213227.D	1	03/03/26	PS	n/a	n/a	V1C9155

The QC reported here applies to the following samples:

Method: SW846 8260D

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	JE29061-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	ND		247	194	79	50-138
75-09-2	Methylene chloride	4.9	J	61.7	54.0	80	63-127
100-42-5	Styrene	ND		61.7	55.4	90	48-143
79-34-5	1,1,2,2-Tetrachloroethane	ND		61.7	45.5	74	44-135
127-18-4	Tetrachloroethene	ND		61.7	69.4	113	38-146
108-88-3	Toluene	ND		61.7	60.3	98	56-135
87-61-6	1,2,3-Trichlorobenzene	ND		61.7	54.4	88	10-153
120-82-1	1,2,4-Trichlorobenzene	ND		61.7	53.8	87	10-158
71-55-6	1,1,1-Trichloroethane	ND		61.7	55.9	91	61-134
79-00-5	1,1,2-Trichloroethane	ND		61.7	59.3	96	62-133
79-01-6	Trichloroethene	ND		61.7	60.8	99	52-144
75-69-4	Trichlorofluoromethane	ND		61.7	47.8	78	50-141
75-01-4	Vinyl chloride	ND		61.7	51.7	84	48-151
	m,p-Xylene	ND		123	112	91	51-135
95-47-6	o-Xylene	ND		61.7	55.4	90	52-137
1330-20-7	Xylene (total)	ND		185	167	90	50-138

CAS No.	Surrogate Recoveries	MS	JE29061-1	Limits
1868-53-7	Dibromofluoromethane	93%	106%	80-124%
17060-07-0	1,2-Dichloroethane-D4	104%	113%	75-133%
2037-26-5	Toluene-D8	100%	106%	79-125%
460-00-4	4-Bromofluorobenzene	87%	93%	58-148%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE29056-1MS	2F25940.D	50	03/02/26	ED	n/a	n/a	V2F806
JE29056-1MSD	2F25942.D	50	03/02/26	ED	n/a	n/a	V2F806
JE29056-1 ^a	2F25938.D	50	03/02/26	ED	n/a	n/a	V2F806

The QC reported here applies to the following samples:

Method: SW846 8260D

JE29061-12

CAS No.	Compound	JE29056-1 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		10000	113	10000	11300	113	0	22-134/19
71-43-2	Benzene	ND		2500	104	2500	2670	107	2	49-137/12
74-97-5	Bromochloromethane	ND		2500	109	2500	2760	110	1	78-122/12
75-27-4	Bromodichloromethane	ND		2500	102	2500	2560	102	0	76-121/12
75-25-2	Bromoform	ND		2500	103	2500	2610	104	1	70-133/13
74-83-9	Bromomethane	ND		2500	100	2500	2740	110	9	27-164/38
78-93-3	2-Butanone (MEK)	ND		10000	109	10000	10800	108	1	52-137/17
75-15-0	Carbon disulfide	ND		2500	112	2500	2790	112	0	54-136/16
56-23-5	Carbon tetrachloride	ND		2500	109	2500	2790	112	3	70-132/13
108-90-7	Chlorobenzene	ND		2500	103	2500	2600	104	1	68-123/12
75-00-3	Chloroethane	ND		2500	109	2500	2770	111	1	48-152/17
67-66-3	Chloroform	ND		2500	112	2500	2830	113	1	68-120/13
74-87-3	Chloromethane	ND		2500	137	2500	3460	138	1	35-156/18
110-82-7	Cyclohexane	ND		2500	106	2500	2670	107	1	53-146/14
96-12-8	1,2-Dibromo-3-chloropropane	ND		2500	96	2500	2420	97	0	63-134/16
124-48-1	Dibromochloromethane	ND		2500	105	2500	2620	105	0	75-122/12
106-93-4	1,2-Dibromoethane	ND		2500	102	2500	2560	102	0	63-134/12
95-50-1	1,2-Dichlorobenzene	ND		2500	101	2500	2620	105	4	74-119/12
541-73-1	1,3-Dichlorobenzene	ND		2500	102	2500	2580	103	2	75-117/12
106-46-7	1,4-Dichlorobenzene	ND		2500	98	2500	2540	102	3	72-117/12
75-71-8	Dichlorodifluoromethane	ND		2500	111	2500	2800	112	1	34-163/16
75-34-3	1,1-Dichloroethane	ND		2500	120	2500	3000	120	0	68-129/13
107-06-2	1,2-Dichloroethane	ND		2500	109	2500	2680	107	2	66-120/13
75-35-4	1,1-Dichloroethene	ND		2500	124	2500	3150	126	2	59-133/15
156-59-2	cis-1,2-Dichloroethene	7650		2500	68	2500	9210	62	2	52-140/12
156-60-5	trans-1,2-Dichloroethene	67.6		2500	109	2500	2770	108	1	70-125/13
78-87-5	1,2-Dichloropropane	ND		2500	116	2500	2930	117	1	73-124/12
10061-01-5	cis-1,3-Dichloropropene	ND		2500	107	2500	2710	108	1	75-125/13
10061-02-6	trans-1,3-Dichloropropene	ND		2500	105	2500	2660	106	2	75-122/12
100-41-4	Ethylbenzene	ND		2500	100	2500	2570	103	3	37-144/12
76-13-1	Freon 113	ND		2500	114	2500	2900	116	2	61-142/14
591-78-6	2-Hexanone	ND		10000	113	10000	11200	112	1	56-132/16
98-82-8	Isopropylbenzene	ND		2500	106	2500	2660	106	1	71-126/13
79-20-9	Methyl Acetate	ND		2500	107	2500	2550	102	5	51-139/18
108-87-2	Methylcyclohexane	ND		2500	109	2500	2810	112	3	59-137/16
1634-04-4	Methyl Tert Butyl Ether	ND		2500	108	2500	2680	107	0	66-124/12

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

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Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE29056-1MS	2F25940.D	50	03/02/26	ED	n/a	n/a	V2F806
JE29056-1MSD	2F25942.D	50	03/02/26	ED	n/a	n/a	V2F806
JE29056-1 ^a	2F25938.D	50	03/02/26	ED	n/a	n/a	V2F806

The QC reported here applies to the following samples:

Method: SW846 8260D

JE29061-12

CAS No.	Compound	JE29056-1 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	10000	11600	116	10000	11500	115	1	65-135/14
75-09-2	Methylene chloride	ND	2500	2640	106	2500	2560	102	3	66-125/14
100-42-5	Styrene	ND	2500	2750	110	2500	2740	110	0	71-133/12
79-34-5	1,1,2,2-Tetrachloroethane	ND	2500	2400	96	2500	2450	98	2	68-127/14
127-18-4	Tetrachloroethene	ND	2500	2670	107	2500	2690	108	1	58-132/13
108-88-3	Toluene	ND	2500	2460	98	2500	2510	100	2	46-139/12
87-61-6	1,2,3-Trichlorobenzene	ND	2500	2560	102	2500	2550	102	0	57-136/17
120-82-1	1,2,4-Trichlorobenzene	ND	2500	2470	99	2500	2460	98	0	61-137/16
71-55-6	1,1,1-Trichloroethane	ND	2500	2760	110	2500	2730	109	1	67-132/13
79-00-5	1,1,2-Trichloroethane	ND	2500	2580	103	2500	2610	104	1	75-120/12
79-01-6	Trichloroethene	3920	2500	6240	93	2500	6360	98	2	56-136/12
75-69-4	Trichlorofluoromethane	ND	2500	2960	118	2500	3010	120	2	61-145/16
75-01-4	Vinyl chloride	820	2500	3810	120	2500	3790	119	1	41-156/16
	m,p-Xylene	ND	5000	5200	104	5000	5300	106	2	32-151/12
95-47-6	o-Xylene	ND	2500	2620	105	2500	2640	106	1	50-139/12
1330-20-7	Xylene (total)	ND	7500	7810	104	7500	7940	106	2	38-147/12

CAS No.	Surrogate Recoveries	MS	MSD	JE29056-1	Limits
1868-53-7	Dibromofluoromethane	107%	107%	106%	80-120%
17060-07-0	1,2-Dichloroethane-D4	102%	104%	104%	80-120%
2037-26-5	Toluene-D8	94%	94%	94%	80-120%
460-00-4	4-Bromofluorobenzene	95%	95%	96%	82-114%

(a) Dilution required due to high concentration of target compound.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 2

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE29056-2MS	1F25941.D	50	03/02/26	ED	n/a	n/a	V1F806
JE29056-2MSD	1F25943.D	50	03/02/26	ED	n/a	n/a	V1F806
JE29056-2 ^a	1F25939.D	50	03/02/26	ED	n/a	n/a	V1F806

The QC reported here applies to the following samples:

Method: SW846 8260D

JE29061-11, JE29061-13

CAS No.	Compound	JE29056-2 ug/l	Spike Q	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		10000	114	10000	11400	114	0	22-134/19
71-43-2	Benzene	ND		2500	102	2500	2550	102	0	49-137/12
74-97-5	Bromochloromethane	ND		2500	107	2500	2710	108	1	78-122/12
75-27-4	Bromodichloromethane	ND		2500	99	2500	2450	98	1	76-121/12
75-25-2	Bromoform	ND		2500	104	2500	2620	105	1	70-133/13
74-83-9	Bromomethane	ND		2500	96	2500	2500	100	4	27-164/38
78-93-3	2-Butanone (MEK)	ND		10000	105	10000	10500	105	0	52-137/17
75-15-0	Carbon disulfide	ND		2500	106	2500	2620	105	1	54-136/16
56-23-5	Carbon tetrachloride	ND		2500	104	2500	2620	105	0	70-132/13
108-90-7	Chlorobenzene	ND		2500	101	2500	2530	101	0	68-123/12
75-00-3	Chloroethane	ND		2500	108	2500	2620	105	3	48-152/17
67-66-3	Chloroform	ND		2500	112	2500	2810	112	0	68-120/13
74-87-3	Chloromethane	ND		2500	121	2500	2920	117	3	35-156/18
110-82-7	Cyclohexane	ND		2500	99	2500	2480	99	0	53-146/14
96-12-8	1,2-Dibromo-3-chloropropane	ND		2500	102	2500	2590	104	1	63-134/16
124-48-1	Dibromochloromethane	ND		2500	109	2500	2660	106	3	75-122/12
106-93-4	1,2-Dibromoethane	ND		2500	107	2500	2640	106	2	63-134/12
95-50-1	1,2-Dichlorobenzene	ND		2500	100	2500	2510	100	0	74-119/12
541-73-1	1,3-Dichlorobenzene	ND		2500	98	2500	2520	101	2	75-117/12
106-46-7	1,4-Dichlorobenzene	ND		2500	97	2500	2500	100	3	72-117/12
75-71-8	Dichlorodifluoromethane	ND		2500	102	2500	2580	103	1	34-163/16
75-34-3	1,1-Dichloroethane	ND		2500	116	2500	2850	114	1	68-129/13
107-06-2	1,2-Dichloroethane	ND		2500	105	2500	2620	105	0	66-120/13
75-35-4	1,1-Dichloroethene	95.8		2500	119	2500	3060	119	0	59-133/15
156-59-2	cis-1,2-Dichloroethene	14000	E	2500	-44* ^b	2500	12800	-48* ^b	1	52-140/12
156-60-5	trans-1,2-Dichloroethene	213		2500	105	2500	2830	105	1	70-125/13
78-87-5	1,2-Dichloropropane	ND		2500	112	2500	2750	110	2	73-124/12
10061-01-5	cis-1,3-Dichloropropene	ND		2500	106	2500	2640	106	0	75-125/13
10061-02-6	trans-1,3-Dichloropropene	ND		2500	105	2500	2670	107	2	75-122/12
100-41-4	Ethylbenzene	ND		2500	98	2500	2430	97	1	37-144/12
76-13-1	Freon 113	ND		2500	109	2500	2740	110	0	61-142/14
591-78-6	2-Hexanone	ND		10000	113	10000	11300	113	0	56-132/16
98-82-8	Isopropylbenzene	ND		2500	103	2500	2610	104	2	71-126/13
79-20-9	Methyl Acetate	ND		2500	106	2500	2590	104	2	51-139/18
108-87-2	Methylcyclohexane	ND		2500	104	2500	2640	106	2	59-137/16
1634-04-4	Methyl Tert Butyl Ether	ND		2500	107	2500	2680	107	0	66-124/12

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 2

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE29056-2MS	1F25941.D	50	03/02/26	ED	n/a	n/a	V1F806
JE29056-2MSD	1F25943.D	50	03/02/26	ED	n/a	n/a	V1F806
JE29056-2 ^a	1F25939.D	50	03/02/26	ED	n/a	n/a	V1F806

The QC reported here applies to the following samples:

Method: SW846 8260D

JE29061-11, JE29061-13

CAS No.	Compound	JE29056-2 ug/l	Spike Q ug/l	MS ug/l	MS %	Spike ug/l	MSD ug/l	MSD %	RPD	Limits Rec/RPD
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	10000	11500	115	10000	11300	113	2	65-135/14
75-09-2	Methylene chloride	ND	2500	2510	100	2500	2490	100	1	66-125/14
100-42-5	Styrene	ND	2500	2670	107	2500	2640	106	1	71-133/12
79-34-5	1,1,2,2-Tetrachloroethane	ND	2500	2490	100	2500	2550	102	2	68-127/14
127-18-4	Tetrachloroethene	ND	2500	2660	106	2500	2640	106	1	58-132/13
108-88-3	Toluene	ND	2500	2530	101	2500	2490	100	2	46-139/12
87-61-6	1,2,3-Trichlorobenzene	ND	2500	2600	104	2500	2640	106	2	57-136/17
120-82-1	1,2,4-Trichlorobenzene	ND	2500	2530	101	2500	2640	106	4	61-137/16
71-55-6	1,1,1-Trichloroethane	ND	2500	2640	106	2500	2640	106	0	67-132/13
79-00-5	1,1,2-Trichloroethane	ND	2500	2530	101	2500	2520	101	0	75-120/12
79-01-6	Trichloroethene	6210	2500	7010	32* ^b	2500	7120	36* ^b	2	56-136/12
75-69-4	Trichlorofluoromethane	ND	2500	2760	110	2500	2750	110	0	61-145/16
75-01-4	Vinyl chloride	556	2500	3320	111	2500	3310	110	0	41-156/16
	m,p-Xylene	ND	5000	5160	103	5000	5150	103	0	32-151/12
95-47-6	o-Xylene	ND	2500	2590	104	2500	2530	101	2	50-139/12
1330-20-7	Xylene (total)	ND	7500	7740	103	7500	7680	102	1	38-147/12

CAS No.	Surrogate Recoveries	MS	MSD	JE29056-2	Limits
1868-53-7	Dibromofluoromethane	105%	102%	107%	80-120%
17060-07-0	1,2-Dichloroethane-D4	98%	98%	106%	80-120%
2037-26-5	Toluene-D8	95%	95%	93%	80-120%
460-00-4	4-Bromofluorobenzene	94%	96%	96%	82-114%

(a) Dilution required due to high concentration of target compound.

(b) Outside control limits due to high level in sample relative to spike amount.

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 2

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE29061-2DUP	1C213239.D	1	03/03/26	PS	n/a	n/a	V1C9155
JE29061-2	1C213228.D	1	03/03/26	PS	n/a	n/a	V1C9155

The QC reported here applies to the following samples:

Method: SW846 8260D

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	JE29061-2 ug/kg	DUP Q	Q	RPD	Limits
67-64-1	Acetone	47.2			1	50
71-43-2	Benzene	ND			nc	44
74-97-5	Bromochloromethane	ND			nc	30
75-27-4	Bromodichloromethane	ND			nc	22
75-25-2	Bromoform	ND			nc	30
74-83-9	Bromomethane	ND			nc	10
78-93-3	2-Butanone (MEK)	ND			200* ^a	15
75-15-0	Carbon disulfide	0.52	J	0.49	J	6
56-23-5	Carbon tetrachloride	ND			nc	38
108-90-7	Chlorobenzene	ND			nc	11
75-00-3	Chloroethane	ND			nc	10
67-66-3	Chloroform	ND			nc	14
74-87-3	Chloromethane	ND			nc	30
110-82-7	Cyclohexane	ND			nc	44
96-12-8	1,2-Dibromo-3-chloropropane	ND			nc	30
124-48-1	Dibromochloromethane	ND			nc	10
106-93-4	1,2-Dibromoethane	ND			nc	30
95-50-1	1,2-Dichlorobenzene	ND			nc	10
541-73-1	1,3-Dichlorobenzene	ND			nc	30
106-46-7	1,4-Dichlorobenzene	ND			nc	10
75-71-8	Dichlorodifluoromethane	ND			nc	30
75-34-3	1,1-Dichloroethane	ND			nc	25
107-06-2	1,2-Dichloroethane	ND			nc	10
75-35-4	1,1-Dichloroethene	ND			nc	10
156-59-2	cis-1,2-Dichloroethene	ND			nc	36
156-60-5	trans-1,2-Dichloroethene	ND			nc	14
78-87-5	1,2-Dichloropropane	ND			nc	30
10061-01-5	cis-1,3-Dichloropropene	ND			nc	30
10061-02-6	trans-1,3-Dichloropropene	ND			nc	30
100-41-4	Ethylbenzene	ND			nc	35
76-13-1	Freon 113	ND			nc	10
591-78-6	2-Hexanone	ND			nc	10
98-82-8	Isopropylbenzene	ND			nc	28
79-20-9	Methyl Acetate	ND			nc	37
108-87-2	Methylcyclohexane	ND			nc	43
1634-04-4	Methyl Tert Butyl Ether	ND			nc	21

* = Outside of Control Limits.

Duplicate Summary

Page 2 of 2

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JE29061-2DUP	1C213239.D	1	03/03/26	PS	n/a	n/a	V1C9155
JE29061-2	1C213228.D	1	03/03/26	PS	n/a	n/a	V1C9155

The QC reported here applies to the following samples:

Method: SW846 8260D

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	JE29061-2 ug/kg	DUP Q	Q	RPD	Limits
108-10-1	4-Methyl-2-pentanone(MIBK)	ND	ND		nc	10
75-09-2	Methylene chloride	ND	ND		nc	10
100-42-5	Styrene	ND	ND		nc	10
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND		nc	10
127-18-4	Tetrachloroethene	ND	ND		nc	43
108-88-3	Toluene	ND	ND		nc	37
87-61-6	1,2,3-Trichlorobenzene	ND	ND		nc	30
120-82-1	1,2,4-Trichlorobenzene	ND	ND		nc	10
71-55-6	1,1,1-Trichloroethane	ND	ND		nc	21
79-00-5	1,1,2-Trichloroethane	ND	ND		nc	10
79-01-6	Trichloroethene	ND	ND		nc	44
75-69-4	Trichlorofluoromethane	ND	ND		nc	30
75-01-4	Vinyl chloride	ND	ND		nc	22
	m,p-Xylene	ND	ND		nc	44
95-47-6	o-Xylene	ND	ND		nc	45
1330-20-7	Xylene (total)	ND	ND		nc	60

CAS No.	Surrogate Recoveries	DUP	JE29061-2	Limits
1868-53-7	Dibromofluoromethane	99%	108%	80-124%
17060-07-0	1,2-Dichloroethane-D4	112%	108%	75-133%
2037-26-5	Toluene-D8	111%	98%	79-125%
460-00-4	4-Bromofluorobenzene	96%	96%	58-148%

(a) RPD acceptable due to low DUP and sample concentrations.

* = Outside of Control Limits.

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample:	V1C9032-BFB	Injection Date:	09/12/25
Lab File ID:	1C210109.D	Injection Time:	21:15
Instrument ID:	GCMS1C		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	38776	22.6	Pass
75	30.0 - 60.0% of mass 95	80733	47.0	Pass
95	Base peak, 100% relative abundance	171947	100.0	Pass
96	5.0 - 9.0% of mass 95	12121	7.05	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 150.0% of mass 95	175211	101.9	Pass
175	5.0 - 9.0% of mass 174	13360	7.77 (7.63) ^a	Pass
176	95.0 - 101.0% of mass 174	173099	100.7 (98.8) ^a	Pass
177	5.0 - 9.0% of mass 176	11544	6.71 (6.67) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1C9032-IC9032	1C210110.D	09/12/25	21:42	00:27	Initial cal 0.2
V1C9032-IC9032	1C210111.D	09/12/25	22:09	00:54	Initial cal 0.5
V1C9032-IC9032	1C210112.D	09/12/25	22:36	01:21	Initial cal 1
V1C9032-IC9032	1C210113.D	09/12/25	23:03	01:48	Initial cal 2
V1C9032-IC9032	1C210114.D	09/12/25	23:30	02:15	Initial cal 4
V1C9032-IC9032	1C210115.D	09/12/25	23:57	02:42	Initial cal 8
V1C9032-IC9032	1C210116.D	09/13/25	00:24	03:09	Initial cal 20
V1C9032-ICC9032	1C210117.D	09/13/25	00:51	03:36	Initial cal 50
V1C9032-IC9032	1C210118.D	09/13/25	01:18	04:03	Initial cal 100
V1C9032-IC9032	1C210119.D	09/13/25	01:45	04:30	Initial cal 200
V1C9032-ICV9032	1C210122.D	09/13/25	03:06	05:51	Initial cal verification 50
V1C9032-ICV9032	1C210123.D	09/13/25	03:33	06:18	Initial cal verification 50

Instrument Performance Check (BFB)

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Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample: V1C9154-BFB **Injection Date:** 03/02/26
Lab File ID: 1C213192.D **Injection Time:** 12:40
Instrument ID: GCMS1C

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	14.99 - 40.0% of mass 95	35752	21.2	Pass
75	30.0 - 60.0% of mass 95	81461	48.4	Pass
95	Base peak, 100% relative abundance	168448	100.0	Pass
96	5.0 - 9.0% of mass 95	10515	6.24	Pass
173	Less than 2.0% of mass 174	0	0.00 (0.00) ^a	Pass
174	50.0 - 120.0% of mass 95	200235	118.9	Pass
175	5.0 - 9.0% of mass 174	15780	9.37 (7.88) ^a	Pass
176	95.0 - 101.0% of mass 174	195072	115.8 (97.4) ^a	Pass
177	5.0 - 9.0% of mass 176	13119	7.79 (6.73) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1C9154-CC9032	1C213192.D	03/02/26	12:40	00:00	Continuing cal 50
V1C9154-CC9032	1C213193.D	03/02/26	13:24	00:44	Continuing cal 4
V1C9154-BS	1C213194.D	03/02/26	13:53	01:13	Blank Spike
V1C9154-MB	1C213196.D	03/02/26	15:01	02:21	Method Blank
JE28856-11	1C213197.D	03/02/26	15:28	02:48	(used for QC only; not part of job JE29061)
JE28856-12	1C213198.D	03/02/26	15:55	03:15	(used for QC only; not part of job JE29061)
ZZZZZZ	1C213199.D	03/02/26	16:22	03:42	(unrelated sample)
ZZZZZZ	1C213200.D	03/02/26	16:49	04:09	(unrelated sample)
ZZZZZZ	1C213201.D	03/02/26	17:16	04:36	(unrelated sample)
JE28856-11MS	1C213202.D	03/02/26	17:43	05:03	Matrix Spike
JE28856-12DUP	1C213203.D	03/02/26	18:10	05:30	Duplicate
ZZZZZZ	1C213204.D	03/02/26	18:37	05:57	(unrelated sample)
ZZZZZZ	1C213205.D	03/02/26	19:04	06:24	(unrelated sample)
ZZZZZZ	1C213206.D	03/02/26	19:31	06:51	(unrelated sample)
ZZZZZZ	1C213207.D	03/02/26	19:58	07:18	(unrelated sample)
ZZZZZZ	1C213208.D	03/02/26	20:25	07:45	(unrelated sample)
ZZZZZZ	1C213209.D	03/02/26	20:52	08:12	(unrelated sample)
ZZZZZZ	1C213210.D	03/02/26	21:19	08:39	(unrelated sample)
ZZZZZZ	1C213211.D	03/02/26	21:46	09:06	(unrelated sample)
ZZZZZZ	1C213212.D	03/02/26	22:13	09:33	(unrelated sample)
ZZZZZZ	1C213213.D	03/02/26	22:40	10:00	(unrelated sample)
ZZZZZZ	1C213214.D	03/02/26	23:07	10:27	(unrelated sample)
ZZZZZZ	1C213215.D	03/02/26	23:34	10:54	(unrelated sample)
ZZZZZZ	1C213216.D	03/03/26	00:01	11:21	(unrelated sample)

Instrument Performance Check (BFB)

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample:	V1C9154-BFB	Injection Date:	03/02/26
Lab File ID:	1C213192.D	Injection Time:	12:40
Instrument ID:	GCMS1C		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ZZZZZZ	1C213217.D	03/03/26	00:28	11:48	(unrelated sample)
V1C9155-CC9032	1C213223.D	03/03/26	10:24	21:44	Continuing cal 50
V1C9155-BS	1C213224.D	03/03/26	11:03	22:23	Blank Spike
V1C9155-MB	1C213226.D	03/03/26	12:08	23:28	Method Blank
JE29061-1	1C213227.D	03/03/26	12:35	23:55	SB-1 4-4.5
JE29061-2	1C213228.D	03/03/26	13:02	24:22	SB-2 6-6.5
JE29061-3	1C213229.D	03/03/26	13:29	24:49	SB-3 14.5-15

6.6.2
6

Instrument Performance Check (BFB)

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Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample:	V1F795-BFB	Injection Date:	02/12/26
Lab File ID:	1F25459.D	Injection Time:	18:47
Instrument ID:	GCMS1F		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	30501	22.5	Pass
75	30.0 - 60.0% of mass 95	66552	49.1	Pass
95	Base peak, 100% relative abundance	135408	100.0	Pass
96	5.0 - 9.0% of mass 95	8645	6.38	Pass
173	Less than 2.0% of mass 174	1067	0.79 (1.04) ^a	Pass
174	50.0 - 120.0% of mass 95	102859	76.0	Pass
175	5.0 - 9.0% of mass 174	7454	5.50 (7.25) ^a	Pass
176	95.0 - 101.0% of mass 174	99453	73.4 (96.7) ^a	Pass
177	5.0 - 9.0% of mass 176	6651	4.91 (6.69) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1F795-IC795	1F25461.D	02/12/26	19:39	00:52	Initial cal 0.2
V1F795-IC795	1F25463.D	02/12/26	20:07	01:20	Initial cal 0.5
V1F795-IC795	1F25465.D	02/12/26	20:35	01:48	Initial cal 1
V1F795-IC795	1F25467.D	02/12/26	21:03	02:16	Initial cal 2
V1F795-IC795	1F25469.D	02/12/26	21:31	02:44	Initial cal 4
V1F795-IC795	1F25471.D	02/12/26	21:59	03:12	Initial cal 8
V1F795-IC795	1F25473.D	02/12/26	22:27	03:40	Initial cal 20
V1F795-ICC795	1F25475.D	02/12/26	22:56	04:09	Initial cal 50
V1F795-IC795	1F25477.D	02/12/26	23:24	04:37	Initial cal 100
V1F795-IC795	1F25479.D	02/12/26	23:52	05:05	Initial cal 200
V1F795-ICV795	1F25485.D	02/13/26	01:17	06:30	Initial cal verification 50
V1F795-ICV795	1F25487.D	02/13/26	01:45	06:58	Initial cal verification 50

Instrument Performance Check (BFB)

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample:	V1F795-BFB2	Injection Date:	02/13/26
Lab File ID:	1F25493.D	Injection Time:	16:51
Instrument ID:	GCMS1F		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	30869	22.1	Pass
75	30.0 - 60.0% of mass 95	66797	47.9	Pass
95	Base peak, 100% relative abundance	139421	100.0	Pass
96	5.0 - 9.0% of mass 95	8884	6.37	Pass
173	Less than 2.0% of mass 174	947	0.68 (0.89) ^a	Pass
174	50.0 - 120.0% of mass 95	106205	76.2	Pass
175	5.0 - 9.0% of mass 174	8029	5.76 (7.56) ^a	Pass
176	95.0 - 101.0% of mass 174	103584	74.3 (97.5) ^a	Pass
177	5.0 - 9.0% of mass 176	6409	4.60 (6.19) ^b	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V1F795-ICV795	1F25495.D	02/13/26	17:20	00:29	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample:	V2F795-BFB	Injection Date:	02/12/26
Lab File ID:	2F25460.D	Injection Time:	19:01
Instrument ID:	GCMS2F		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	26525	21.6	Pass
75	30.0 - 60.0% of mass 95	59269	48.2	Pass
95	Base peak, 100% relative abundance	123000	100.0	Pass
96	5.0 - 9.0% of mass 95	8031	6.53	Pass
173	Less than 2.0% of mass 174	952	0.77 (0.96) ^a	Pass
174	50.0 - 120.0% of mass 95	98901	80.4	Pass
175	5.0 - 9.0% of mass 174	7731	6.29 (7.82) ^a	Pass
176	95.0 - 101.0% of mass 174	96448	78.4 (97.5) ^a	Pass
177	5.0 - 9.0% of mass 176	6386	5.19 (6.62) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2F795-IC795	2F25462.D	02/12/26	19:53	00:52	Initial cal 0.2
V2F795-IC795	2F25464.D	02/12/26	20:21	01:20	Initial cal 0.5
V2F795-IC795	2F25466.D	02/12/26	20:49	01:48	Initial cal 1
V2F795-IC795	2F25468.D	02/12/26	21:17	02:16	Initial cal 2
V2F795-IC795	2F25470.D	02/12/26	21:45	02:44	Initial cal 4
V2F795-IC795	2F25472.D	02/12/26	22:13	03:12	Initial cal 8
V2F795-IC795	2F25474.D	02/12/26	22:42	03:41	Initial cal 20
V2F795-ICC795	2F25476.D	02/12/26	23:10	04:09	Initial cal 50
V2F795-IC795	2F25478.D	02/12/26	23:38	04:37	Initial cal 100
V2F795-IC795	2F25480.D	02/13/26	00:06	05:05	Initial cal 200
V2F795-ICV795	2F25486.D	02/13/26	01:31	06:30	Initial cal verification 50
V2F795-ICV795	2F25488.D	02/13/26	01:59	06:58	Initial cal verification 50

Instrument Performance Check (BFB)

Page 1 of 1

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample: V2F795-BFB2
Lab File ID: 2F25494.D
Instrument ID: GCMS2F
Injection Date: 02/13/26
Injection Time: 17:05

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
50	15.0 - 40.0% of mass 95	27608	21.6	Pass
75	30.0 - 60.0% of mass 95	59960	46.9	Pass
95	Base peak, 100% relative abundance	127832	100.0	Pass
96	5.0 - 9.0% of mass 95	8140	6.37	Pass
173	Less than 2.0% of mass 174	871	0.68 (0.85) ^a	Pass
174	50.0 - 120.0% of mass 95	102216	80.0	Pass
175	5.0 - 9.0% of mass 174	7234	5.66 (7.08) ^a	Pass
176	95.0 - 101.0% of mass 174	100021	78.2 (97.9) ^a	Pass
177	5.0 - 9.0% of mass 176	6217	4.86 (6.22) ^b	Pass

(a) Value is % of mass 174

(b) Value is % of mass 176

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2F795-ICV795	2F25496.D	02/13/26	17:34	00:29	Initial cal verification 50

Surrogate Recovery Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Method: SW846 8260D	Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JE29061-11	1F25957.D	107	106	94	97
JE29061-12	2F25958.D	102	109	95	97
JE29061-13	1F25959.D	105	108	94	97
JE29056-1MS	2F25940.D	107	102	94	95
JE29056-1MSD	2F25942.D	107	104	94	95
JE29056-2MS	1F25941.D	105	98	95	94
JE29056-2MSD	1F25943.D	102	98	95	96
V1F806-BS	1F25925.D	101	99	95	95
V1F806-MB	1F25927.D	105	103	95	96
V2F806-BS	2F25924.D	102	100	95	97
V2F806-MB	2F25928.D	103	103	94	96

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-120%
S2 = 1,2-Dichloroethane-D4	80-120%
S3 = Toluene-D8	80-120%
S4 = 4-Bromofluorobenzene	82-114%

Surrogate Recovery Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Method: SW846 8260D	Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4
JE29061-1	1C213227.D	106	113	106	93
JE29061-2	1C213228.D	108	108	98	96
JE29061-3	1C213229.D	110	114	103	98
JE29061-4	1C213230.D	112	118	107	97
JE29061-5	1C213231.D	109	109	108	97
JE29061-6	1C213232.D	108	115	102	87
JE29061-7	1C213233.D	109	117	103	98
JE29061-8	1C213234.D	113	112	102	101
JE29061-9	1C213235.D	112	107	103	91
JE29061-10	1C213236.D	112	119	103	93
JE29061-1MS	1C213238.D	93	104	100	87
JE29061-2DUP	1C213239.D	99	112	111	96
V1C9155-BS	1C213224.D	103	109	101	99
V1C9155-MB	1C213226.D	102	105	107	94

Surrogate Compounds	Recovery Limits
S1 = Dibromofluoromethane	80-124%
S2 = 1,2-Dichloroethane-D4	75-133%
S3 = Toluene-D8	79-125%
S4 = 4-Bromofluorobenzene	58-148%

MS Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (DFTPP)
- Surrogate Recovery Summaries

Method Blank Summary

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Job Number: JE29061**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71358-MB1	5P108276.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111

The QC reported here applies to the following samples:**Method:** SW846 8270E

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	67	16	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	170	20	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	170	28	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	170	59	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	170	130	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	170	36	ug/kg	
95-48-7	2-Methylphenol	ND	67	21	ug/kg	
	3&4-Methylphenol	ND	67	27	ug/kg	
88-75-5	2-Nitrophenol	ND	170	22	ug/kg	
100-02-7	4-Nitrophenol	ND	330	89	ug/kg	
87-86-5	Pentachlorophenol	ND	130	31	ug/kg	
108-95-2	Phenol	ND	67	17	ug/kg	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	170	22	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	170	25	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	170	20	ug/kg	
83-32-9	Acenaphthene	ND	33	11	ug/kg	
208-96-8	Acenaphthylene	ND	33	17	ug/kg	
98-86-2	Acetophenone	ND	170	7.2	ug/kg	
120-12-7	Anthracene	ND	33	20	ug/kg	
1912-24-9	Atrazine	ND	67	14	ug/kg	
56-55-3	Benzo(a)anthracene	ND	33	9.4	ug/kg	
50-32-8	Benzo(a)pyrene	ND	33	15	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	33	15	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	33	17	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	33	16	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	67	13	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	67	8.1	ug/kg	
92-52-4	1,1'-Biphenyl	ND	67	4.6	ug/kg	
100-52-7	Benzaldehyde	ND	170	8.3	ug/kg	
91-58-7	2-Chloronaphthalene	ND	67	7.9	ug/kg	
106-47-8	4-Chloroaniline	ND	170	12	ug/kg	
86-74-8	Carbazole	ND	67	4.8	ug/kg	
105-60-2	Caprolactam	ND	67	13	ug/kg	
218-01-9	Chrysene	ND	33	10	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	67	7.1	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	67	14	ug/kg	

Method Blank Summary

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Job Number: JE29061

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71358-MB1	5P108276.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111

The QC reported here applies to the following samples:

Method: SW846 8270E

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	67	12	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	67	11	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	33	10	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	33	17	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	67	28	ug/kg	
123-91-1	1,4-Dioxane	ND	33	22	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	33	15	ug/kg	
132-64-9	Dibenzofuran	ND	67	14	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	67	5.4	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	67	8.3	ug/kg	
84-66-2	Diethyl phthalate	ND	67	7.1	ug/kg	
131-11-3	Dimethyl phthalate	ND	67	5.9	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	67	7.8	ug/kg	
206-44-0	Fluoranthene	ND	33	15	ug/kg	
86-73-7	Fluorene	ND	33	15	ug/kg	
118-74-1	Hexachlorobenzene	ND	67	8.4	ug/kg	
87-68-3	Hexachlorobutadiene	ND	33	13	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	330	13	ug/kg	
67-72-1	Hexachloroethane	ND	170	16	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	33	16	ug/kg	
78-59-1	Isophorone	ND	67	7.1	ug/kg	
91-57-6	2-Methylnaphthalene	ND	33	7.5	ug/kg	
88-74-4	2-Nitroaniline	ND	170	7.9	ug/kg	
99-09-2	3-Nitroaniline	ND	170	8.3	ug/kg	
100-01-6	4-Nitroaniline	ND	170	8.6	ug/kg	
91-20-3	Naphthalene	ND	33	9.4	ug/kg	
98-95-3	Nitrobenzene	ND	67	13	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	67	9.6	ug/kg	
86-30-6	N-Nitrosodiphenylamine	ND	170	12	ug/kg	
85-01-8	Phenanthrene	ND	33	11	ug/kg	
129-00-0	Pyrene	ND	33	11	ug/kg	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	170	8.5	ug/kg	

Method Blank Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71358-MB1	5P108276.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111

The QC reported here applies to the following samples: Method: SW846 8270E

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Surrogate Recoveries	Limits
367-12-4	2-Fluorophenol	60% 10-99%
4165-62-2	Phenol-d5	64% 10-96%
118-79-6	2,4,6-Tribromophenol	82% 10-123%
4165-60-0	Nitrobenzene-d5	74% 10-109%
321-60-8	2-Fluorobiphenyl	68% 11-109%
1718-51-0	Terphenyl-d14	82% 10-120%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
57-10-3	n-Hexadecanoic acid	7.61	250	ug/kg	JN
	Unknown	9.36	220	ug/kg	J
	Total TIC, Semi-Volatile		470	ug/kg	J

Method Blank Summary

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Job Number: JE29061**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71349-MB2	F230977.D	1	03/09/26	AO	03/06/26	OP71349	EF10262

The QC reported here applies to the following samples:**Method:** SW846 8270E

JE29061-11, JE29061-12, JE29061-13

CAS No.	Compound	Result	RL	MDL	Units	Q
95-57-8	2-Chlorophenol	ND	5.0	0.82	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	5.0	0.89	ug/l	
120-83-2	2,4-Dichlorophenol	ND	2.0	1.3	ug/l	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.4	ug/l	
51-28-5	2,4-Dinitrophenol	ND	5.0	1.6	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	5.0	1.3	ug/l	
95-48-7	2-Methylphenol	ND	2.0	0.89	ug/l	
	3&4-Methylphenol	ND	2.0	0.88	ug/l	
88-75-5	2-Nitrophenol	ND	5.0	0.96	ug/l	
100-02-7	4-Nitrophenol	ND	10	1.2	ug/l	
87-86-5	Pentachlorophenol	ND	4.0	1.4	ug/l	
108-95-2	Phenol	ND	2.0	0.39	ug/l	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	1.5	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	1.3	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	2.0	0.92	ug/l	
83-32-9	Acenaphthene	ND	1.0	0.19	ug/l	
208-96-8	Acenaphthylene	ND	1.0	0.14	ug/l	
98-86-2	Acetophenone	ND	2.0	0.21	ug/l	
120-12-7	Anthracene	ND	1.0	0.21	ug/l	
1912-24-9	Atrazine	ND	2.0	0.45	ug/l	
100-52-7	Benzaldehyde	ND	5.0	0.29	ug/l	
56-55-3	Benzo(a)anthracene	ND	1.0	0.20	ug/l	
50-32-8	Benzo(a)pyrene	ND	1.0	0.21	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	1.0	0.21	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	1.0	0.34	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	1.0	0.21	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.40	ug/l	
85-68-7	Butyl benzyl phthalate	ND	2.0	0.46	ug/l	
92-52-4	1,1'-Biphenyl	ND	1.0	0.21	ug/l	
91-58-7	2-Chloronaphthalene	ND	2.0	0.24	ug/l	
106-47-8	4-Chloroaniline	ND	5.0	0.34	ug/l	
86-74-8	Carbazole	ND	1.0	0.23	ug/l	
105-60-2	Caprolactam	ND	2.0	0.65	ug/l	
218-01-9	Chrysene	ND	1.0	0.18	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	2.0	0.28	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	2.0	0.25	ug/l	

Method Blank Summary

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Job Number: JE29061

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71349-MB2	F230977.D	1	03/09/26	AO	03/06/26	OP71349	EF10262

The QC reported here applies to the following samples:

Method: SW846 8270E

JE29061-11, JE29061-12, JE29061-13

CAS No.	Compound	Result	RL	MDL	Units	Q
108-60-1	2,2'-Oxybis(1-chloropropane)	ND	2.0	0.40	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.37	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	1.0	0.55	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	1.0	0.48	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	2.0	0.51	ug/l	
123-91-1	1,4-Dioxane	ND	1.0	0.66	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	1.0	0.33	ug/l	
132-64-9	Dibenzofuran	ND	5.0	0.22	ug/l	
84-74-2	Di-n-butyl phthalate	ND	2.0	0.50	ug/l	
117-84-0	Di-n-octyl phthalate	ND	2.0	0.23	ug/l	
84-66-2	Diethyl phthalate	ND	2.0	0.26	ug/l	
131-11-3	Dimethyl phthalate	ND	2.0	0.22	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	2.0	1.7	ug/l	
206-44-0	Fluoranthene	ND	1.0	0.17	ug/l	
86-73-7	Fluorene	ND	1.0	0.17	ug/l	
118-74-1	Hexachlorobenzene	ND	1.0	0.33	ug/l	
87-68-3	Hexachlorobutadiene	ND	1.0	0.49	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	2.8	ug/l	
67-72-1	Hexachloroethane	ND	1.0	0.39	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1.0	0.33	ug/l	
78-59-1	Isophorone	ND	2.0	0.28	ug/l	
91-57-6	2-Methylnaphthalene	ND	1.0	0.21	ug/l	
88-74-4	2-Nitroaniline	ND	5.0	0.28	ug/l	
99-09-2	3-Nitroaniline	ND	5.0	0.39	ug/l	
100-01-6	4-Nitroaniline	ND	5.0	0.44	ug/l	
91-20-3	Naphthalene	ND	1.0	0.23	ug/l	
98-95-3	Nitrobenzene	ND	1.0	0.64	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	1.0	0.48	ug/l	
86-30-6	N-Nitrosodiphenylamine	ND	5.0	0.22	ug/l	
85-01-8	Phenanthrene	ND	1.0	0.18	ug/l	
129-00-0	Pyrene	ND	1.0	0.22	ug/l	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2.0	0.37	ug/l	

Method Blank Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71349-MB2	F230977.D	1	03/09/26	AO	03/06/26	OP71349	EF10262

The QC reported here applies to the following samples: Method: SW846 8270E

JE29061-11, JE29061-12, JE29061-13

CAS No.	Surrogate Recoveries	Limits
367-12-4	2-Fluorophenol	47% 10-71%
4165-62-2	Phenol-d5	29% 10-58%
118-79-6	2,4,6-Tribromophenol	77% 22-144%
4165-60-0	Nitrobenzene-d5	78% 28-118%
321-60-8	2-Fluorobiphenyl	76% 34-116%
1718-51-0	Terphenyl-d14	85% 10-127%

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile		0	ug/l	

Blank Spike Summary

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Job Number: JE29061**Account:** SESINJPB SESI Consulting Engineers**Project:** 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71358-BS1	5P108277.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111

The QC reported here applies to the following samples:**Method:** SW846 8270E

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
95-57-8	2-Chlorophenol	1670	1190	71	10-135
59-50-7	4-Chloro-3-methyl phenol	1670	1250	75	10-141
120-83-2	2,4-Dichlorophenol	1670	1280	77	10-139
105-67-9	2,4-Dimethylphenol	1670	1190	71	10-141
51-28-5	2,4-Dinitrophenol	3330	3080	92	10-138
534-52-1	4,6-Dinitro-o-cresol	1670	1850	111	10-156
95-48-7	2-Methylphenol	1670	1180	71	10-139
	3&4-Methylphenol	3330	2230	67	10-174
88-75-5	2-Nitrophenol	1670	1570	94	10-142
100-02-7	4-Nitrophenol	1670	1000	60	10-144
87-86-5	Pentachlorophenol	3330	2360	71	10-165
108-95-2	Phenol	1670	1170	70	23-115
58-90-2	2,3,4,6-Tetrachlorophenol	1670	1280	77	10-146
95-95-4	2,4,5-Trichlorophenol	1670	1220	73	13-136
88-06-2	2,4,6-Trichlorophenol	1670	1140	68	10-142
83-32-9	Acenaphthene	1670	1110	67	10-141
208-96-8	Acenaphthylene	1670	1180	71	10-133
98-86-2	Acetophenone	1670	1070	64	23-115
120-12-7	Anthracene	1670	1230	74	10-144
1912-24-9	Atrazine	1670	1240	74	17-149
56-55-3	Benzo(a)anthracene	1670	1390	83	11-139
50-32-8	Benzo(a)pyrene	1670	1320	79	13-141
205-99-2	Benzo(b)fluoranthene	1670	1250	75	14-140
191-24-2	Benzo(g,h,i)perylene	1670	1300	78	13-138
207-08-9	Benzo(k)fluoranthene	1670	1270	76	12-140
101-55-3	4-Bromophenyl phenyl ether	1670	1340	80	10-146
85-68-7	Butyl benzyl phthalate	1670	1570	94	10-150
92-52-4	1,1'-Biphenyl	1670	1120	67	10-141
100-52-7	Benzaldehyde	1670	1090	65	10-146
91-58-7	2-Chloronaphthalene	1670	1170	70	10-142
106-47-8	4-Chloroaniline	1670	197	12	10-108
86-74-8	Carbazole	1670	1200	72	10-145
105-60-2	Caprolactam	1670	953	57	10-187
218-01-9	Chrysene	1670	1400	84	11-139
111-91-1	bis(2-Chloroethoxy)methane	1670	1210	73	10-144
111-44-4	bis(2-Chloroethyl)ether	1670	1190	71	10-145

* = Outside of Control Limits.

Blank Spike Summary

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Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71358-BS1	5P108277.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111

The QC reported here applies to the following samples:

Method: SW846 8270E

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
108-60-1	2,2'-Oxybis(1-chloropropane)	1670	1180	71	10-145
7005-72-3	4-Chlorophenyl phenyl ether	1670	1240	74	10-145
121-14-2	2,4-Dinitrotoluene	1670	1460	88	10-148
606-20-2	2,6-Dinitrotoluene	1670	1480	89	12-145
91-94-1	3,3'-Dichlorobenzidine	1670	1060	64	10-100
123-91-1	1,4-Dioxane	1670	699	42	10-97
53-70-3	Dibenzo(a,h)anthracene	1670	1300	78	14-142
132-64-9	Dibenzofuran	1670	1150	69	10-140
84-74-2	Di-n-butyl phthalate	1670	1300	78	11-147
117-84-0	Di-n-octyl phthalate	1670	1410	85	15-145
84-66-2	Diethyl phthalate	1670	1110	67	10-145
131-11-3	Dimethyl phthalate	1670	1210	73	10-144
117-81-7	bis(2-Ethylhexyl)phthalate	1670	1640	98	26-132
206-44-0	Fluoranthene	1670	1270	76	10-147
86-73-7	Fluorene	1670	1160	70	12-139
118-74-1	Hexachlorobenzene	1670	1320	79	10-144
87-68-3	Hexachlorobutadiene	1670	1270	76	10-142
77-47-4	Hexachlorocyclopentadiene	3330	2340	70	10-120
67-72-1	Hexachloroethane	1670	1140	68	10-141
193-39-5	Indeno(1,2,3-cd)pyrene	1670	1300	78	13-144
78-59-1	Isophorone	1670	1210	73	10-139
91-57-6	2-Methylnaphthalene	1670	1170	70	10-140
88-74-4	2-Nitroaniline	1670	1330	80	10-148
99-09-2	3-Nitroaniline	1670	756	45	10-127
100-01-6	4-Nitroaniline	1670	1090	65	10-143
91-20-3	Naphthalene	1670	1120	67	10-141
98-95-3	Nitrobenzene	1670	1260	76	10-139
621-64-7	N-Nitroso-di-n-propylamine	1670	1130	68	10-143
86-30-6	N-Nitrosodiphenylamine	1670	1210	73	10-145
85-01-8	Phenanthrene	1670	1180	71	10-142
129-00-0	Pyrene	1670	1660	100	13-141
95-94-3	1,2,4,5-Tetrachlorobenzene	1670	1150	69	10-143

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71358-BS1	5P108277.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111

The QC reported here applies to the following samples: Method: SW846 8270E
JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Surrogate Recoveries	BSP	Limits
367-12-4	2-Fluorophenol	71%	10-99%
4165-62-2	Phenol-d5	76%	10-96%
118-79-6	2,4,6-Tribromophenol	90%	10-123%
4165-60-0	Nitrobenzene-d5	83%	10-109%
321-60-8	2-Fluorobiphenyl	65%	11-109%
1718-51-0	Terphenyl-d14	96%	10-120%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

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Job Number: JE29061

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71349-BS1	F230917.D	1	03/04/26	AO	03/03/26	OP71349	EF10258
OP71349-BSD	F230918.D	1	03/04/26	AO	03/03/26	OP71349	EF10258

The QC reported here applies to the following samples:

Method: SW846 8270E

JE29061-11, JE29061-12, JE29061-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	50	37.0	74	38.6	77	4	17-111/59
59-50-7	4-Chloro-3-methyl phenol	50	43.2	86	44.4	89	3	30-118/47
120-83-2	2,4-Dichlorophenol	50	43.5	87	45.4	91	4	30-119/50
105-67-9	2,4-Dimethylphenol	50	43.3	87	44.1	88	2	20-114/49
51-28-5	2,4-Dinitrophenol	100	76.2	76	77.7	78	2	11-141/72
534-52-1	4,6-Dinitro-o-cresol	50	40.9	82	43.7	87	7	30-142/51
95-48-7	2-Methylphenol	50	34.9	70	37.6	75	7	10-110/56
	3&4-Methylphenol	100	67.8	68	71.6	72	5	10-164/59
88-75-5	2-Nitrophenol	50	40.5	81	40.9	82	1	33-123/49
100-02-7	4-Nitrophenol	50	27.7	55	30.5	61	10	10-84/61
87-86-5	Pentachlorophenol	100	87.7	88	92.3	92	5	10-171/41
108-95-2	Phenol	50	18.8	38	20.0	40	6	10-85/57
58-90-2	2,3,4,6-Tetrachlorophenol	50	43.3	87	45.2	90	4	36-130/44
95-95-4	2,4,5-Trichlorophenol	50	41.0	82	43.2	86	5	38-124/44
88-06-2	2,4,6-Trichlorophenol	50	40.5	81	42.0	84	4	37-122/46
83-32-9	Acenaphthene	50	34.2	68	35.5	71	4	52-115/30
208-96-8	Acenaphthylene	50	35.4	71	37.0	74	4	30-114/31
98-86-2	Acetophenone	50	41.0	82	43.2	86	5	40-115/39
120-12-7	Anthracene	50	40.8	82	42.4	85	4	55-122/29
1912-24-9	Atrazine	50	46.4	93	47.6	95	3	54-140/33
100-52-7	Benzaldehyde	50	34.2	68	35.0	70	2	35-121/35
56-55-3	Benzo(a)anthracene	50	43.5	87	46.2	92	6	55-122/29
50-32-8	Benzo(a)pyrene	50	40.9	82	42.9	86	5	50-123/30
205-99-2	Benzo(b)fluoranthene	50	40.1	80	43.1	86	7	57-124/28
191-24-2	Benzo(g,h,i)perylene	50	43.5	87	45.3	91	4	55-125/30
207-08-9	Benzo(k)fluoranthene	50	41.4	83	43.9	88	6	53-124/28
101-55-3	4-Bromophenyl phenyl ether	50	38.9	78	41.2	82	6	55-124/29
85-68-7	Butyl benzyl phthalate	50	46.1	92	48.8	98	6	54-134/29
92-52-4	1,1'-Biphenyl	50	32.3	65	34.1	68	5	46-115/32
91-58-7	2-Chloronaphthalene	50	30.9	62	33.6	67	8	44-113/32
106-47-8	4-Chloroaniline	50	29.7	59	34.4	69	15	10-100/92
86-74-8	Carbazole	50	43.1	86	45.8	92	6	56-123/29
105-60-2	Caprolactam	50	17.2	34	17.0	34	1	10-85/35
218-01-9	Chrysene	50	42.4	85	45.1	90	6	54-122/29
111-91-1	bis(2-Chloroethoxy)methane	50	41.9	84	43.9	88	5	39-116/36
111-44-4	bis(2-Chloroethyl)ether	50	33.8	68	36.2	72	7	31-118/45

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Page 2 of 3

Job Number: JE29061

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71349-BS1	F230917.D	1	03/04/26	AO	03/03/26	OP71349	EF10258
OP71349-BSD	F230918.D	1	03/04/26	AO	03/03/26	OP71349	EF10258

The QC reported here applies to the following samples:

Method: SW846 8270E

JE29061-11, JE29061-12, JE29061-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
108-60-1	2,2'-Oxybis(1-chloropropane)	50	38.3	77	40.7	81	6	34-117/43
7005-72-3	4-Chlorophenyl phenyl ether	50	35.1	70	36.9	74	5	53-119/28
121-14-2	2,4-Dinitrotoluene	50	43.5	87	46.0	92	6	58-129/29
606-20-2	2,6-Dinitrotoluene	50	42.8	86	45.2	90	5	56-128/30
91-94-1	3,3'-Dichlorobenzidine	50	34.5	69	38.7	77	11	23-122/44
123-91-1	1,4-Dioxane	50	18.5	37	18.5	37	0	10-88/49
53-70-3	Dibenzo(a,h)anthracene	50	42.7	85	45.3	91	6	55-127/29
132-64-9	Dibenzofuran	50	35.7	71	37.3	75	4	53-116/29
84-74-2	Di-n-butyl phthalate	50	42.4	85	43.9	88	3	57-129/30
117-84-0	Di-n-octyl phthalate	50	43.9	88	46.3	93	5	45-139/28
84-66-2	Diethyl phthalate	50	40.1	80	42.4	85	6	53-123/30
131-11-3	Dimethyl phthalate	50	40.7	81	41.9	84	3	50-122/35
117-81-7	bis(2-Ethylhexyl)phthalate	50	46.0	92	48.4	97	5	49-137/30
206-44-0	Fluoranthene	50	43.1	86	45.0	90	4	58-125/30
86-73-7	Fluorene	50	37.5	75	39.4	79	5	56-119/28
118-74-1	Hexachlorobenzene	50	39.4	79	41.3	83	5	53-125/29
87-68-3	Hexachlorobutadiene	50	24.5	49	27.3	55	11	21-109/47
77-47-4	Hexachlorocyclopentadiene	100	35.6	36	40.7	41	13	10-96/52
67-72-1	Hexachloroethane	50	26.4	53	27.9	56	6	19-105/40
193-39-5	Indeno(1,2,3-cd)pyrene	50	42.6	85	45.3	91	6	50-132/30
78-59-1	Isophorone	50	41.8	84	42.7	85	2	41-117/33
91-57-6	2-Methylnaphthalene	50	33.0	66	35.1	70	6	41-112/35
88-74-4	2-Nitroaniline	50	40.9	82	43.0	86	5	48-128/31
99-09-2	3-Nitroaniline	50	34.1	68	36.2	72	6	30-115/51
100-01-6	4-Nitroaniline	50	39.9	80	41.4	83	4	43-121/34
91-20-3	Naphthalene	50	34.6	69	35.3	71	2	37-112/39
98-95-3	Nitrobenzene	50	41.2	82	42.7	85	4	35-119/39
621-64-7	N-Nitroso-di-n-propylamine	50	41.1	82	42.4	85	3	34-121/36
86-30-6	N-Nitrosodiphenylamine	50	38.6	77	40.8	82	6	52-121/29
85-01-8	Phenanthrene	50	39.9	80	41.4	83	4	56-121/28
129-00-0	Pyrene	50	43.0	86	45.2	90	5	55-125/29
95-94-3	1,2,4,5-Tetrachlorobenzene	50	26.1	52	29.2	58	11	40-110/35

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71349-BS1	F230917.D	1	03/04/26	AO	03/03/26	OP71349	EF10258
OP71349-BSD	F230918.D	1	03/04/26	AO	03/03/26	OP71349	EF10258

The QC reported here applies to the following samples:

Method: SW846 8270E

JE29061-11, JE29061-12, JE29061-13

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
367-12-4	2-Fluorophenol	53%	56%	10-71%
4165-62-2	Phenol-d5	39%	40%	10-58%
118-79-6	2,4,6-Tribromophenol	84%	86%	22-144%
4165-60-0	Nitrobenzene-d5	86%	88%	28-118%
321-60-8	2-Fluorobiphenyl	81%	82%	34-116%
1718-51-0	Terphenyl-d14	81%	85%	10-127%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 3

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71358-MS	5P108279.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111
OP71358-MSD	5P108280.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111
JE29061-1	5P108281.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111

The QC reported here applies to the following samples:

Method: SW846 8270E

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	JE29061-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
95-57-8	2-Chlorophenol	ND		2160	1250	58	2080	1160	56	7	10-137/86
59-50-7	4-Chloro-3-methyl phenol	ND		2160	1410	65	2080	1260	61	11	10-146/84
120-83-2	2,4-Dichlorophenol	ND		2160	1390	64	2080	1270	61	9	10-145/86
105-67-9	2,4-Dimethylphenol	ND		2160	1210	56	2080	1140	55	6	10-148/87
51-28-5	2,4-Dinitrophenol	ND		4330	1460	34	4160	1540	37	5	10-118/90
534-52-1	4,6-Dinitro-o-cresol	ND		2160	1590	73	2080	1470	71	8	10-131/97
95-48-7	2-Methylphenol	ND		2160	1180	55	2080	1120	54	5	10-143/86
	3&4-Methylphenol	ND		4330	2300	53	4160	2070	50	11	10-162/87
88-75-5	2-Nitrophenol	ND		2160	1580	73	2080	1520	73	4	10-147/93
100-02-7	4-Nitrophenol	ND		2160	1170	54	2080	1150	55	2	10-152/85
87-86-5	Pentachlorophenol	ND		4330	2310	53	4160	2210	53	4	10-146/89
108-95-2	Phenol	ND		2160	1240	57	2080	1120	54	10	10-118/84
58-90-2	2,3,4,6-Tetrachlorophenol	ND		2160	1250	58	2080	1150	55	8	10-139/87
95-95-4	2,4,5-Trichlorophenol	ND		2160	1340	62	2080	1240	60	8	10-140/86
88-06-2	2,4,6-Trichlorophenol	ND		2160	1220	56	2080	1150	55	6	10-141/86
83-32-9	Acenaphthene	ND		2160	1180	55	2080	1110	53	6	10-156/87
208-96-8	Acenaphthylene	ND		2160	1220	56	2080	1140	55	7	10-143/84
98-86-2	Acetophenone	ND		2160	1140	53	2080	1020	49	11	10-130/90
120-12-7	Anthracene	ND		2160	1330	61	2080	1130	54	16	10-166/88
1912-24-9	Atrazine	ND		2160	1440	67	2080	1280	61	12	10-148/86
56-55-3	Benzo(a)anthracene	28.0	J	2160	1450	66	2080	1320	62	9	10-163/88
50-32-8	Benzo(a)pyrene	19.8	J	2160	1440	66	2080	1300	62	10	10-163/89
205-99-2	Benzo(b)fluoranthene	22.1	J	2160	1350	61	2080	1270	60	6	10-156/91
191-24-2	Benzo(g,h,i)perylene	ND		2160	1580	73	2080	1430	69	10	10-158/89
207-08-9	Benzo(k)fluoranthene	ND		2160	1380	64	2080	1230	59	11	10-157/86
101-55-3	4-Bromophenyl phenyl ether	ND		2160	1460	67	2080	1320	63	10	10-143/87
85-68-7	Butyl benzyl phthalate	ND		2160	1680	78	2080	1570	75	7	10-161/89
92-52-4	1,1'-Biphenyl	ND		2160	1200	55	2080	1090	52	10	10-143/86
100-52-7	Benzaldehyde	ND		2160	1080	50	2080	980	47	10	10-148/88
91-58-7	2-Chloronaphthalene	ND		2160	1260	58	2080	1160	56	8	10-145/86
106-47-8	4-Chloroaniline	ND		2160	479	22	2080	550	26	14	10-109/87
86-74-8	Carbazole	ND		2160	1260	58	2080	1180	57	7	10-158/87
105-60-2	Caprolactam	ND		2160	1020	47	2080	1020	49	0	10-150/82
218-01-9	Chrysene	21.8	J	2160	1440	66	2080	1340	63	7	10-164/87
111-91-1	bis(2-Chloroethoxy)methane	ND		2160	1260	58	2080	1200	58	5	10-152/86
111-44-4	bis(2-Chloroethyl)ether	ND		2160	1400	65	2080	1240	60	12	10-147/86

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 2 of 3

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71358-MS	5P108279.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111
OP71358-MSD	5P108280.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111
JE29061-1	5P108281.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111

The QC reported here applies to the following samples:

Method: SW846 8270E

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	JE29061-1 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
108-60-1	2,2'-Oxybis(1-chloropropane)	ND		2160	1240	57	2080	1130	54	9	10-134/88
7005-72-3	4-Chlorophenyl phenyl ether	ND		2160	1290	60	2080	1210	58	6	10-142/87
121-14-2	2,4-Dinitrotoluene	ND		2160	1580	73	2080	1480	71	7	10-147/86
606-20-2	2,6-Dinitrotoluene	ND		2160	1610	74	2080	1510	73	6	10-147/88
91-94-1	3,3'-Dichlorobenzidine	ND		2160	1260	58	2080	1220	59	3	10-106/93
123-91-1	1,4-Dioxane	ND		2160	662	31	2080	597	29	10	10-102/85
53-70-3	Dibenzo(a,h)anthracene	ND		2160	1560	72	2080	1380	66	12	10-149/89
132-64-9	Dibenzofuran	ND		2160	1210	56	2080	1120	54	8	10-155/86
84-74-2	Di-n-butyl phthalate	ND		2160	1380	64	2080	1240	60	11	10-158/86
117-84-0	Di-n-octyl phthalate	ND		2160	1500	69	2080	1390	67	8	10-154/84
84-66-2	Diethyl phthalate	ND		2160	1280	59	2080	1160	56	10	10-148/84
131-11-3	Dimethyl phthalate	ND		2160	1280	59	2080	1180	57	8	10-144/85
117-81-7	bis(2-Ethylhexyl)phthalate	ND		2160	1680	78	2080	1530	74	9	10-153/84
206-44-0	Fluoranthene	44.1		2160	1280	57	2080	1210	56	6	10-165/93
86-73-7	Fluorene	ND		2160	1240	57	2080	1110	53	11	10-158/87
118-74-1	Hexachlorobenzene	ND		2160	1430	66	2080	1260	61	13	10-139/85
87-68-3	Hexachlorobutadiene	ND		2160	1370	63	2080	1210	58	12	10-139/88
77-47-4	Hexachlorocyclopentadiene	ND		4330	1920	44	4160	1410	34	31* a	10-116/30
67-72-1	Hexachloroethane	ND		2160	1220	56	2080	1050	50	15	10-141/93
193-39-5	Indeno(1,2,3-cd)pyrene	ND		2160	1570	73	2080	1400	67	11	10-160/91
78-59-1	Isophorone	ND		2160	1310	61	2080	1190	57	10	10-150/86
91-57-6	2-Methylnaphthalene	ND		2160	1320	61	2080	1170	56	12	10-145/86
88-74-4	2-Nitroaniline	ND		2160	1400	65	2080	1210	58	15	10-152/77
99-09-2	3-Nitroaniline	ND		2160	961	44	2080	989	48	3	10-136/83
100-01-6	4-Nitroaniline	ND		2160	893	41	2080	806	39	10	10-140/81
91-20-3	Naphthalene	ND		2160	1240	57	2080	1110	53	11	10-146/87
98-95-3	Nitrobenzene	ND		2160	1350	62	2080	1220	59	10	10-146/88
621-64-7	N-Nitroso-di-n-propylamine	ND		2160	1160	54	2080	1050	50	10	10-147/77
86-30-6	N-Nitrosodiphenylamine	ND		2160	1270	59	2080	1130	54	12	10-159/78
85-01-8	Phenanthrene	46.6		2160	1320	59	2080	1160	53	13	10-158/95
129-00-0	Pyrene	44.6		2160	1790	81	2080	1630	76	9	10-176/90
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		2160	1250	58	2080	1140	55	9	10-137/87

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71358-MS	5P108279.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111
OP71358-MSD	5P108280.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111
JE29061-1	5P108281.D	1	03/03/26	AO	03/03/26	OP71358	E5P5111

The QC reported here applies to the following samples: Method: SW846 8270E

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Surrogate Recoveries	MS	MSD	JE29061-1	Limits
367-12-4	2-Fluorophenol	60%	54%	31%	10-99%
4165-62-2	Phenol-d5	62%	54%	33%	10-96%
118-79-6	2,4,6-Tribromophenol	75%	67%	44%	10-123%
4165-60-0	Nitrobenzene-d5	69%	62%	37%	10-109%
321-60-8	2-Fluorobiphenyl	59%	54%	36%	11-109%
1718-51-0	Terphenyl-d14	80%	73%	45%	10-120%

(a) Analytical precision exceeds in-house control limits.

* = Outside of Control Limits.

Instrument Performance Check (DFTPP)

Page 1 of 1

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample: E5P5082-DFTPP
Lab File ID: 5P107642.D
Instrument ID: GCMS5P
Injection Date: 01/28/26
Injection Time: 18:07

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
51	30.0 - 60.0% of mass 198	9475	31.4	Pass
68	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
69	Mass 69 relative abundance	12148	40.3	Pass
70	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
127	40.0 - 60.0% of mass 198	12836	42.6	Pass
197	Less than 1.0% of mass 198	0	0.00	Pass
198	Base peak, 100% relative abundance	30132	100.0	Pass
199	5.0 - 9.0% of mass 198	2033	6.75	Pass
275	10.0 - 30.0% of mass 198	7228	24.0	Pass
365	1.0 - 100.0% of mass 198	803	2.66	Pass
441	Present, but less than mass 443	3357	11.1 (84.6) ^b	Pass
442	40.0 - 100.0% of mass 198	19802	65.7	Pass
443	17.0 - 23.0% of mass 442	3968	13.2 (20.0) ^c	Pass

(a) Value is % of mass 69

(b) Value is % of mass 443

(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E5P5082-IC5082	5P107643.D	01/28/26	18:19	00:12	Initial cal 1
E5P5082-IC5082	5P107644.D	01/28/26	18:41	00:34	Initial cal 2
E5P5082-IC5082	5P107645.D	01/28/26	19:02	00:55	Initial cal 5
E5P5082-IC5082	5P107646.D	01/28/26	19:24	01:17	Initial cal 10
E5P5082-IC5082	5P107647.D	01/28/26	19:45	01:38	Initial cal 25
E5P5082-ICC5082	5P107648.D	01/28/26	20:06	01:59	Initial cal 50
E5P5082-IC5082	5P107649.D	01/28/26	20:28	02:21	Initial cal 80
E5P5082-IC5082	5P107650.D	01/28/26	20:49	02:42	Initial cal 100
E5P5082-ICV5082	5P107651.D	01/28/26	21:10	03:03	Initial cal verification 50

Instrument Performance Check (DFTPP)

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Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample: E5P5083-DFTPP
Lab File ID: 5P107652.D
Instrument ID: GCMS5P
Injection Date: 01/28/26
Injection Time: 21:27

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
51	30.0 - 60.0% of mass 198	8806	30.2	Pass
68	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
69	Mass 69 relative abundance	11071	38.0	Pass
70	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
127	40.0 - 60.0% of mass 198	12362	42.4	Pass
197	Less than 1.0% of mass 198	0	0.00	Pass
198	Base peak, 100% relative abundance	29150	100.0	Pass
199	5.0 - 9.0% of mass 198	1912	6.56	Pass
275	10.0 - 30.0% of mass 198	6815	23.4	Pass
365	1.0 - 100.0% of mass 198	663	2.27	Pass
441	Present, but less than mass 443	3023	10.4 (81.4) ^b	Pass
442	40.0 - 100.0% of mass 198	17849	61.2	Pass
443	17.0 - 23.0% of mass 442	3714	12.7 (20.8) ^c	Pass

(a) Value is % of mass 69

(b) Value is % of mass 443

(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E5P5083-IC5083	5P107653.D	01/28/26	21:39	00:12	Initial cal 1
E5P5083-IC5083	5P107654.D	01/28/26	22:00	00:33	Initial cal 2
E5P5083-IC5083	5P107655.D	01/28/26	22:22	00:55	Initial cal 5
E5P5083-IC5083	5P107656.D	01/28/26	22:43	01:16	Initial cal 10
E5P5083-IC5083	5P107657.D	01/28/26	23:04	01:37	Initial cal 25
E5P5083-ICC5083	5P107658.D	01/28/26	23:25	01:58	Initial cal 50
E5P5083-IC5083	5P107659.D	01/28/26	23:47	02:20	Initial cal 80
E5P5083-IC5083	5P107660.D	01/29/26	00:08	02:41	Initial cal 100
E5P5083-ICV5083	5P107661.D	01/29/26	00:29	03:02	Initial cal verification 50

Instrument Performance Check (DFTPP)

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Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample: E5P5085-DFTPP
Lab File ID: 5P107676.D
Instrument ID: GCMS5P
Injection Date: 01/29/26
Injection Time: 12:47

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
51	30.0 - 60.0% of mass 198	8225	31.2	Pass
68	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
69	Mass 69 relative abundance	10279	39.0	Pass
70	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
127	40.0 - 60.0% of mass 198	11194	42.5	Pass
197	Less than 1.0% of mass 198	130	0.49	Pass
198	Base peak, 100% relative abundance	26355	100.0	Pass
199	5.0 - 9.0% of mass 198	1788	6.78	Pass
275	10.0 - 30.0% of mass 198	6341	24.1	Pass
365	1.0 - 100.0% of mass 198	778	2.95	Pass
441	Present, but less than mass 443	3091	11.7 (86.6) ^b	Pass
442	40.0 - 100.0% of mass 198	17788	67.5	Pass
443	17.0 - 23.0% of mass 442	3570	13.5 (20.1) ^c	Pass

(a) Value is % of mass 69

(b) Value is % of mass 443

(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
E5P5085-ICC5085	5P107677.D	01/29/26	13:12	00:25	Initial cal 50
E5P5085-IC5085	5P107678.D	01/29/26	13:34	00:47	Initial cal 1
E5P5085-IC5085	5P107679.D	01/29/26	13:55	01:08	Initial cal 2
E5P5085-IC5085	5P107680.D	01/29/26	14:16	01:29	Initial cal 5
E5P5085-IC5085	5P107681.D	01/29/26	14:38	01:51	Initial cal 10
E5P5085-IC5085	5P107682.D	01/29/26	14:59	02:12	Initial cal 25
E5P5085-IC5085	5P107683.D	01/29/26	15:20	02:33	Initial cal 80
E5P5085-IC5085	5P107684.D	01/29/26	15:42	02:55	Initial cal 100
E5P5085-ICV5085	5P107685.D	01/29/26	16:03	03:16	Initial cal verification 50

Instrument Performance Check (DFTPP)

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Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample: ECT702-DFTPP
Lab File ID: CT16101.D
Instrument ID: GCMSCT
Injection Date: 02/02/26
Injection Time: 13:01

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
51	30.0 - 60.0% of mass 198	34885	54.7	Pass
68	Less than 2.0% of mass 69	564	0.88 (1.90) ^a	Pass
69	Mass 69 relative abundance	29699	46.6	Pass
70	Less than 2.0% of mass 69	105	0.16 (0.35) ^a	Pass
127	40.0 - 60.0% of mass 198	32311	50.7	Pass
197	Less than 1.0% of mass 198	511	0.80	Pass
198	Base peak, 100% relative abundance	63781	100.0	Pass
199	5.0 - 9.0% of mass 198	4334	6.80	Pass
275	10.0 - 31.0% of mass 198	15150	23.8	Pass
365	1.0 - 100.0% of mass 198	1761	2.76	Pass
441	Present, but less than mass 443	6739	10.6 (87.0) ^b	Pass
442	40.0 - 100.0% of mass 198	38019	59.6	Pass
443	17.0 - 23.0% of mass 442	7749	12.1 (20.4) ^c	Pass

(a) Value is % of mass 69

(b) Value is % of mass 443

(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ECT702-IC702	CT16102.D	02/02/26	13:43	00:42	Initial cal 1
ECT702-IC702	CT16103.D	02/02/26	14:02	01:01	Initial cal 2
ECT702-IC702	CT16104.D	02/02/26	14:21	01:20	Initial cal 5
ECT702-IC702	CT16105.D	02/02/26	14:40	01:39	Initial cal 10
ECT702-IC702	CT16106.D	02/02/26	14:59	01:58	Initial cal 25
ECT702-ICC702	CT16107.D	02/02/26	15:18	02:17	Initial cal 50
ECT702-IC702	CT16108.D	02/02/26	15:38	02:37	Initial cal 80
ECT702-IC702	CT16109.D	02/02/26	15:57	02:56	Initial cal 100
ECT702-ICV702	CT16110.D	02/02/26	16:16	03:15	Initial cal verification 50

Instrument Performance Check (DFTPP)

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Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample: ECT703-DFTPP	Injection Date: 02/02/26
Lab File ID: CT16111.D	Injection Time: 16:36
Instrument ID: GCMSCT	

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
51	30.0 - 60.0% of mass 198	31537	55.6	Pass
68	Less than 2.0% of mass 69	495	0.87 (1.69) ^a	Pass
69	Mass 69 relative abundance	29331	51.7	Pass
70	Less than 2.0% of mass 69	132	0.23 (0.45) ^a	Pass
127	40.0 - 60.0% of mass 198	30469	53.7	Pass
197	Less than 1.0% of mass 198	276	0.49	Pass
198	Base peak, 100% relative abundance	56744	100.0	Pass
199	5.0 - 9.0% of mass 198	3856	6.80	Pass
275	10.0 - 31.0% of mass 198	12972	22.9	Pass
365	1.0 - 100.0% of mass 198	1959	3.45	Pass
441	Present, but less than mass 443	5735	10.1 (88.5) ^b	Pass
442	40.0 - 100.0% of mass 198	35644	62.8	Pass
443	17.0 - 23.0% of mass 442	6480	11.4 (18.2) ^c	Pass

(a) Value is % of mass 69

(b) Value is % of mass 443

(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
ECT703-IC703	CT16112.D	02/02/26	16:47	00:11	Initial cal 1
ECT703-IC703	CT16113.D	02/02/26	17:06	00:30	Initial cal 2
ECT703-IC703	CT16114.D	02/02/26	17:25	00:49	Initial cal 5
ECT703-IC703	CT16115.D	02/02/26	17:45	01:09	Initial cal 10
ECT703-IC703	CT16116.D	02/02/26	18:04	01:28	Initial cal 25
ECT703-ICC703	CT16117.D	02/02/26	18:23	01:47	Initial cal 50
ECT703-IC703	CT16118.D	02/02/26	18:42	02:06	Initial cal 80
ECT703-IC703	CT16119.D	02/02/26	19:01	02:25	Initial cal 100
ECT703-ICV703	CT16120.D	02/02/26	19:21	02:45	Initial cal verification 50

Instrument Performance Check (DFTPP)

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Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample: EF10105-DFTPP
Lab File ID: F227378.D
Instrument ID: GCMSF
Injection Date: 08/04/25
Injection Time: 11:21

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
51	30.0 - 60.0% of mass 198	12623	44.6	Pass
68	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
69	Mass 69 relative abundance	12628	44.7	Pass
70	Less than 2.0% of mass 69	51	0.18 (0.40) ^a	Pass
127	40.0 - 60.0% of mass 198	14761	52.2	Pass
197	Less than 1.0% of mass 198	0	0.00	Pass
198	Base peak, 100% relative abundance	28274	100.0	Pass
199	5.0 - 9.0% of mass 198	1940	6.86	Pass
275	10.0 - 30.0% of mass 198	7381	26.1	Pass
365	1.0 - 100.0% of mass 198	787	2.78	Pass
441	Present, but less than mass 443	2682	9.49 (82.5) ^b	Pass
442	40.0 - 100.0% of mass 198	16478	58.3	Pass
443	17.0 - 23.0% of mass 442	3252	11.5 (19.7) ^c	Pass

(a) Value is % of mass 69

(b) Value is % of mass 443

(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF10105-IC10105	F227379.D	08/04/25	11:58	00:37	Initial cal 2
EF10105-IC10105	F227380.D	08/04/25	12:42	01:21	Initial cal 1
EF10105-IC10105	F227381.D	08/04/25	13:05	01:44	Initial cal 5
EF10105-IC10105	F227382.D	08/04/25	13:29	02:08	Initial cal 10
EF10105-IC10105	F227383.D	08/04/25	13:53	02:32	Initial cal 25
EF10105-ICC10105	F227384.D	08/04/25	14:17	02:56	Initial cal 50
EF10105-IC10105	F227385.D	08/04/25	14:41	03:20	Initial cal 80
EF10105-IC10105	F227386.D	08/04/25	15:05	03:44	Initial cal 100
EF10105-IC10105	F227387.D	08/04/25	15:29	04:08	Initial cal 1
EF10105-IC10105	F227388.D	08/04/25	15:52	04:31	Initial cal 2
EF10105-IC10105	F227389.D	08/04/25	16:16	04:55	Initial cal 5
EF10105-IC10105	F227390.D	08/04/25	16:39	05:18	Initial cal 10
EF10105-IC10105	F227391.D	08/04/25	17:03	05:42	Initial cal 25
EF10105-IC10105	F227392.D	08/04/25	17:28	06:07	Initial cal 50
EF10105-IC10105	F227393.D	08/04/25	17:52	06:31	Initial cal 80
EF10105-IC10105	F227394.D	08/04/25	18:16	06:55	Initial cal 100
EF10105-IC10105	F227395.D	08/04/25	18:40	07:19	Initial cal 1
EF10105-IC10105	F227396.D	08/04/25	19:05	07:44	Initial cal 2
EF10105-IC10105	F227397.D	08/04/25	19:29	08:08	Initial cal 5

Instrument Performance Check (DFTPP)

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample:	EF10105-DFTPP	Injection Date:	08/04/25
Lab File ID:	F227378.D	Injection Time:	11:21
Instrument ID:	GCMSF		

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF10105-IC10105	F227398.D	08/04/25	19:53	08:32	Initial cal 10
EF10105-IC10105	F227399.D	08/04/25	20:18	08:57	Initial cal 25
EF10105-IC10105	F227400.D	08/04/25	20:42	09:21	Initial cal 50
EF10105-IC10105	F227401.D	08/04/25	21:06	09:45	Initial cal 80
EF10105-IC10105	F227402.D	08/04/25	21:30	10:09	Initial cal 100
EF10105-ICV10105	F227403.D	08/04/25	21:54	10:33	Initial cal verification 50

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Instrument Performance Check (DFTPP)

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample:	EF10106-DFTPP	Injection Date:	08/05/25
Lab File ID:	F227404.D	Injection Time:	09:45
Instrument ID:	GCMSF		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
51	30.0 - 60.0% of mass 198	14921	43.2	Pass
68	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
69	Mass 69 relative abundance	15081	43.6	Pass
70	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
127	40.0 - 60.0% of mass 198	17836	51.6	Pass
197	Less than 1.0% of mass 198	0	0.00	Pass
198	Base peak, 100% relative abundance	34562	100.0	Pass
199	5.0 - 9.0% of mass 198	2379	6.88	Pass
275	10.0 - 30.0% of mass 198	8784	25.4	Pass
365	1.0 - 100.0% of mass 198	886	2.56	Pass
441	Present, but less than mass 443	3170	9.17 (77.3) ^b	Pass
442	40.0 - 100.0% of mass 198	21100	61.0	Pass
443	17.0 - 23.0% of mass 442	4100	11.9 (19.4) ^c	Pass

- (a) Value is % of mass 69
- (b) Value is % of mass 443
- (c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF10106-ICV10105	F227405.D	08/05/25	09:56	00:11	Initial cal verification 50

Instrument Performance Check (DFTPP)

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Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample: EF10107-DFTPP
Lab File ID: F227408.D
Instrument ID: GCMSF
Injection Date: 08/06/25
Injection Time: 15:36

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
51	30.0 - 60.0% of mass 198	14646	40.5	Pass
68	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
69	Mass 69 relative abundance	14372	39.7	Pass
70	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
127	40.0 - 60.0% of mass 198	17934	49.5	Pass
197	Less than 1.0% of mass 198	0	0.00	Pass
198	Base peak, 100% relative abundance	36204	100.0	Pass
199	5.0 - 9.0% of mass 198	2449	6.76	Pass
275	10.0 - 30.0% of mass 198	9736	26.9	Pass
365	1.0 - 100.0% of mass 198	1116	3.08	Pass
441	Present, but less than mass 443	3862	10.7 (88.2) ^b	Pass
442	40.0 - 100.0% of mass 198	23547	65.0	Pass
443	17.0 - 23.0% of mass 442	4380	12.1 (18.6) ^c	Pass

(a) Value is % of mass 69

(b) Value is % of mass 443

(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF10107-ICV10105	F227413.D	08/06/25	17:52	02:16	Initial cal verification 50
ZZZZZZ	F227414.D	08/06/25	18:16	02:40	(unrelated sample)

Instrument Performance Check (DFTPP)

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Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample: EF10235-DFTPP
Lab File ID: F230462.D
Instrument ID: GCMSF
Injection Date: 01/29/26
Injection Time: 13:47

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
51	30.0 - 60.0% of mass 198	8763	43.6	Pass
68	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
69	Mass 69 relative abundance	8648	43.1	Pass
70	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
127	40.0 - 60.0% of mass 198	10141	50.5	Pass
197	Less than 1.0% of mass 198	0	0.00	Pass
198	Base peak, 100% relative abundance	20079	100.0	Pass
199	5.0 - 9.0% of mass 198	1317	6.56	Pass
275	10.0 - 30.0% of mass 198	4663	23.2	Pass
365	1.0 - 100.0% of mass 198	524	2.61	Pass
441	Present, but less than mass 443	2097	10.4 (79.3) ^b	Pass
442	40.0 - 100.0% of mass 198	13178	65.6	Pass
443	17.0 - 23.0% of mass 442	2643	13.2 (20.1) ^c	Pass

(a) Value is % of mass 69

(b) Value is % of mass 443

(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF10235-ICC10235	F230463.D	01/29/26	14:03	00:16	Initial cal 50
EF10235-IC10235	F230464.D	01/29/26	14:27	00:40	Initial cal 1
EF10235-IC10235	F230465.D	01/29/26	15:30	01:43	Initial cal 2
EF10235-IC10235	F230466.D	01/29/26	17:09	03:22	Initial cal 5
EF10235-IC10235	F230467.D	01/29/26	17:33	03:46	Initial cal 10
EF10235-IC10235	F230468.D	01/29/26	17:56	04:09	Initial cal 25
EF10235-IC10235	F230469.D	01/29/26	18:20	04:33	Initial cal 80
EF10235-IC10235	F230470.D	01/29/26	18:43	04:56	Initial cal 100
EF10235-ICV10235	F230471.D	01/29/26	19:07	05:20	Initial cal verification 50

Instrument Performance Check (DFTPP)

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Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample: EF10258-DFTPP
Lab File ID: F230904.D
Instrument ID: GCMSF
Injection Date: 03/04/26
Injection Time: 09:39

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance	Pass/Fail
51	30.0 - 60.0% of mass 198	6836	43.7	Pass
68	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
69	Mass 69 relative abundance	7077	45.2	Pass
70	Less than 2.0% of mass 69	0	0.00 (0.00) ^a	Pass
127	40.0 - 60.0% of mass 198	8226	52.6	Pass
197	Less than 1.0% of mass 198	0	0.00	Pass
198	Base peak, 100% relative abundance	15648	100.0	Pass
199	5.0 - 9.0% of mass 198	1155	7.38	Pass
275	10.0 - 30.0% of mass 198	3844	24.6	Pass
365	1.0 - 100.0% of mass 198	484	3.09	Pass
441	Present, but less than mass 443	1579	10.1 (81.3) ^b	Pass
442	40.0 - 100.0% of mass 198	10448	66.8	Pass
443	17.0 - 23.0% of mass 442	1941	12.4 (18.6) ^c	Pass

(a) Value is % of mass 69

(b) Value is % of mass 443

(c) Value is % of mass 442

This check applies to the following Samples, MS, MSD, Blanks, and Standards:

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
EF10258-CC10235	F230906.D	03/04/26	10:51	01:12	Continuing cal 50
EF10258-CC10105	F230907.D	03/04/26	11:15	01:36	Continuing cal 50
EF10258-CC10105	F230908.D	03/04/26	11:39	02:00	Continuing cal 50
EF10258-CC10235	F230910.D	03/04/26	12:26	02:47	Continuing cal 5
OP71367-MB1	F230912.D	03/04/26	13:13	03:34	Method Blank
OP71367-BS13	F230913.D	03/04/26	13:37	03:58	Blank Spike
OP71349B-MB1	F230915.D	03/04/26	15:17	05:38	Method Blank
OP71349B-BS1	F230917.D	03/04/26	16:03	06:24	Blank Spike
OP71349-BS1	F230917.D	03/04/26	16:03	06:24	Blank Spike
OP71349B-BSD	F230918.D	03/04/26	16:27	06:48	Blank Spike Duplicate
OP71349-BSD	F230918.D	03/04/26	16:27	06:48	Blank Spike Duplicate
ZZZZZZ	F230919.D	03/04/26	16:51	07:12	(unrelated sample)
ZZZZZZ	F230920.D	03/04/26	17:14	07:35	(unrelated sample)
ZZZZZZ	F230921.D	03/04/26	17:38	07:59	(unrelated sample)
ZZZZZZ	F230922.D	03/04/26	18:01	08:22	(unrelated sample)
ZZZZZZ	F230923.D	03/04/26	18:25	08:46	(unrelated sample)
ZZZZZZ	F230924.D	03/04/26	18:49	09:10	(unrelated sample)

Surrogate Recovery Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Method: SW846 8270E	Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JE29061-11	CT16525.D	20	15	56	59	59	53
JE29061-12	CT16526.D	34	24	65	72	66	50
JE29061-13	CT16527.D	29	21	66	75	69	56
OP71349-BS1	F230917.D	53	39	84	86	81	81
OP71349-BSD	F230918.D	56	40	86	88	82	85
OP71349-MB2	F230977.D	47	29	77	78	76	85

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	10-71%
S2 = Phenol-d5	10-58%
S3 = 2,4,6-Tribromophenol	22-144%
S4 = Nitrobenzene-d5	28-118%
S5 = 2-Fluorobiphenyl	34-116%
S6 = Terphenyl-d14	10-127%

7.6.1
7

Surrogate Recovery Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Method: SW846 8270E	Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2	S3	S4	S5	S6
JE29061-1	5P108281.D	31	33	44	37	36	45
JE29061-2	5P108282.D	51	50	66	62	57	66
JE29061-3	5P108283.D	55	56	76	65	62	81
JE29061-4	5P108284.D	66	68	79	76	70	87
JE29061-5	5P108285.D	54	59	76	63	65	79
JE29061-6	5P108286.D	66	69	89	75	69	91
JE29061-7	5P108287.D	44	46	58	47	52	57
JE29061-8	5P108288.D	47	50	66	59	55	65
JE29061-9	5P108289.D	65	67	87	70	72	81
JE29061-10	5P108290.D	50	54	65	60	56	74
OP71358-BS1	5P108277.D	71	76	90	83	65	96
OP71358-MB1	5P108276.D	60	64	82	74	68	82
OP71358-MS	5P108279.D	60	62	75	69	59	80
OP71358-MSD	5P108280.D	54	54	67	62	54	73

Surrogate Compounds	Recovery Limits
S1 = 2-Fluorophenol	10-99%
S2 = Phenol-d5	10-96%
S3 = 2,4,6-Tribromophenol	10-123%
S4 = Nitrobenzene-d5	10-109%
S5 = 2-Fluorobiphenyl	11-109%
S6 = Terphenyl-d14	10-120%

GC/LC Semi-volatiles

QC Data Summaries

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Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Surrogate Recovery Summaries

Method Blank Summary

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Job Number: JE29061

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71350-MB1	1G220053.D	1	03/06/26	RK	03/03/26	OP71350	G1G7968

The QC reported here applies to the following samples:

Method: SW846 8081B

JE29061-11, JE29061-12, JE29061-13

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.0050	0.0026	ug/l	
319-84-6	alpha-BHC	ND	0.0050	0.0026	ug/l	
319-85-7	beta-BHC	ND	0.0050	0.0040	ug/l	
319-86-8	delta-BHC	ND	0.0050	0.0033	ug/l	
58-89-9	gamma-BHC (Lindane)	ND	0.0050	0.0030	ug/l	
5103-71-9	alpha-Chlordane	ND	0.0050	0.0025	ug/l	
5103-74-2	gamma-Chlordane	ND	0.0050	0.0021	ug/l	
60-57-1	Dieldrin	ND	0.0050	0.0038	ug/l	
72-54-8	4,4'-DDD	ND	0.0050	0.0029	ug/l	
72-55-9	4,4'-DDE	ND	0.0050	0.0025	ug/l	
50-29-3	4,4'-DDT	ND	0.0050	0.0034	ug/l	
72-20-8	Endrin	ND	0.0050	0.0030	ug/l	
1031-07-8	Endosulfan sulfate	ND	0.0050	0.0027	ug/l	
7421-93-4	Endrin aldehyde	ND	0.0050	0.0034	ug/l	
53494-70-5	Endrin ketone	ND	0.0050	0.0031	ug/l	
959-98-8	Endosulfan-I	ND	0.0050	0.0026	ug/l	
33213-65-9	Endosulfan-II	ND	0.0050	0.0024	ug/l	
76-44-8	Heptachlor	ND	0.0050	0.0022	ug/l	
1024-57-3	Heptachlor epoxide	ND	0.0050	0.0030	ug/l	
72-43-5	Methoxychlor	ND	0.010	0.0034	ug/l	
8001-35-2	Toxaphene	ND	0.13	0.082	ug/l	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	54% 10-175%
877-09-8	Tetrachloro-m-xylene	58% 10-175%
2051-24-3	Decachlorobiphenyl	49% 10-128%
2051-24-3	Decachlorobiphenyl	50% 10-128%

8.1.1

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Method Blank Summary

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Job Number: JE29061

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71355-MB1	1G220056.D	1	03/06/26	RK	03/03/26	OP71355	G1G7968

The QC reported here applies to the following samples:

Method: SW846 8081B

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	Result	RL	MDL	Units	Q
309-00-2	Aldrin	ND	0.67	0.55	ug/kg	
319-84-6	alpha-BHC	ND	0.67	0.54	ug/kg	
319-85-7	beta-BHC	ND	0.67	0.60	ug/kg	
319-86-8	delta-BHC	ND	0.67	0.64	ug/kg	
58-89-9	gamma-BHC (Lindane)	ND	0.67	0.49	ug/kg	
5103-71-9	alpha-Chlordane	ND	0.67	0.54	ug/kg	
5103-74-2	gamma-Chlordane	ND	0.67	0.30	ug/kg	
60-57-1	Dieldrin	ND	0.67	0.46	ug/kg	
72-54-8	4,4' -DDD	ND	0.67	0.61	ug/kg	
72-55-9	4,4' -DDE	ND	0.67	0.58	ug/kg	
50-29-3	4,4' -DDT	ND	0.67	0.59	ug/kg	
72-20-8	Endrin	ND	0.67	0.52	ug/kg	
1031-07-8	Endosulfan sulfate	ND	0.67	0.52	ug/kg	
7421-93-4	Endrin aldehyde	ND	0.67	0.38	ug/kg	
959-98-8	Endosulfan-I	ND	0.67	0.38	ug/kg	
33213-65-9	Endosulfan-II	ND	0.67	0.42	ug/kg	
76-44-8	Heptachlor	ND	0.67	0.57	ug/kg	
1024-57-3	Heptachlor epoxide	ND	0.67	0.47	ug/kg	
72-43-5	Methoxychlor	ND	1.3	0.53	ug/kg	
53494-70-5	Endrin ketone	ND	0.67	0.48	ug/kg	
8001-35-2	Toxaphene	ND	17	16	ug/kg	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	74% 13-162%
877-09-8	Tetrachloro-m-xylene	103% 13-162%
2051-24-3	Decachlorobiphenyl	113% 10-180%
2051-24-3	Decachlorobiphenyl	110% 10-180%

Method Blank Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71351-MB1	3G158411.D	1	03/03/26	AS	03/03/26	OP71351	G3G5744

The QC reported here applies to the following samples: Method: SW846 8082A
JE29061-11, JE29061-12, JE29061-13

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	0.098	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	0.21	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	0.13	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	0.23	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	0.22	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	0.21	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	0.21	ug/l	
11100-14-4	Aroclor 1268	ND	0.25	0.087	ug/l	
37324-23-5	Aroclor 1262	ND	0.25	0.23	ug/l	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	47% 10-169%
877-09-8	Tetrachloro-m-xylene	75% 10-169%
2051-24-3	Decachlorobiphenyl	30% 10-130%
2051-24-3	Decachlorobiphenyl	42% 10-130%

Method Blank Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71356-MB1	3G158428.D	1	03/04/26	AS	03/03/26	OP71356	G3G5744

The QC reported here applies to the following samples: Method: SW846 8082A

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	33	16	ug/kg	
11104-28-2	Aroclor 1221	ND	33	21	ug/kg	
11141-16-5	Aroclor 1232	ND	33	21	ug/kg	
53469-21-9	Aroclor 1242	ND	33	14	ug/kg	
12672-29-6	Aroclor 1248	ND	33	30	ug/kg	
11097-69-1	Aroclor 1254	ND	33	18	ug/kg	
11096-82-5	Aroclor 1260	ND	33	14	ug/kg	
11100-14-4	Aroclor 1268	ND	33	29	ug/kg	
37324-23-5	Aroclor 1262	ND	33	22	ug/kg	

CAS No.	Surrogate Recoveries	Limits
877-09-8	Tetrachloro-m-xylene	83% 10-174%
877-09-8	Tetrachloro-m-xylene	135% 10-174%
2051-24-3	Decachlorobiphenyl	72% 10-195%
2051-24-3	Decachlorobiphenyl	85% 10-195%

Blank Spike Summary

Page 1 of 1

Job Number: JE29061

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71355-BS1	1G220057.D	1	03/06/26	RK	03/03/26	OP71355	G1G7968

The QC reported here applies to the following samples:

Method: SW846 8081B

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
309-00-2	Aldrin	16.7	17.4	104	40-165
319-84-6	alpha-BHC	16.7	18.0	108	40-156
319-85-7	beta-BHC	16.7	19.1	115	40-156
319-86-8	delta-BHC	16.7	20.3	122	40-153
58-89-9	gamma-BHC (Lindane)	16.7	17.4	104	40-155
5103-71-9	alpha-Chlordane	16.7	17.0	102	40-158
5103-74-2	gamma-Chlordane	16.7	16.7	100	40-167
60-57-1	Dieldrin	16.7	17.5	105	40-161
72-54-8	4,4'-DDD	16.7	16.9	101	40-161
72-55-9	4,4'-DDE	16.7	16.1	97	40-166
50-29-3	4,4'-DDT	16.7	19.5	117	40-189
72-20-8	Endrin	16.7	16.9	101	40-169
1031-07-8	Endosulfan sulfate	16.7	20.8	125	40-159
7421-93-4	Endrin aldehyde	16.7	21.2	127	40-170
959-98-8	Endosulfan-I	16.7	17.4	104	40-155
33213-65-9	Endosulfan-II	16.7	18.5	111	40-165
76-44-8	Heptachlor	16.7	18.1	109	40-161
1024-57-3	Heptachlor epoxide	16.7	16.5	99	40-158
72-43-5	Methoxychlor	16.7	17.8	107	40-166
53494-70-5	Endrin ketone	16.7	24.4	146	40-171

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	109%	13-162%
877-09-8	Tetrachloro-m-xylene	122%	13-162%
2051-24-3	Decachlorobiphenyl	131%	10-180%
2051-24-3	Decachlorobiphenyl	128%	10-180%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71356-BS1	3G158429.D	1	03/04/26	AS	03/03/26	OP71356	G3G5744

The QC reported here applies to the following samples: Method: SW846 8082A

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
12674-11-2	Aroclor 1016	133	113	85	41-186
11104-28-2	Aroclor 1221		ND		50-150
11141-16-5	Aroclor 1232		ND		50-150
53469-21-9	Aroclor 1242		ND		50-150
12672-29-6	Aroclor 1248		ND		50-150
11097-69-1	Aroclor 1254		ND		50-150
11096-82-5	Aroclor 1260	133	114	85	37-185
11100-14-4	Aroclor 1268		ND		50-150
37324-23-5	Aroclor 1262		ND		50-150

CAS No.	Surrogate Recoveries	BSP	Limits
877-09-8	Tetrachloro-m-xylene	56%	10-174%
877-09-8	Tetrachloro-m-xylene	93%	10-174%
2051-24-3	Decachlorobiphenyl	60%	10-195%
2051-24-3	Decachlorobiphenyl	71%	10-195%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

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Job Number: JE29061

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71350-BS1	1G220054.D	1	03/06/26	RK	03/03/26	OP71350	G1G7968
OP71350-BSD	1G220055.D	1	03/06/26	RK	03/03/26	OP71350	G1G7968

The QC reported here applies to the following samples:

Method: SW846 8081B

JE29061-11, JE29061-12, JE29061-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
309-00-2	Aldrin	0.25	0.17	68	0.17	68	0	40-161/45
319-84-6	alpha-BHC	0.25	0.18	72	0.18	72	0	40-169/48
319-85-7	beta-BHC	0.25	0.19	76	0.19	76	0	40-166/44
319-86-8	delta-BHC	0.25	0.21	84	0.20	80	5	40-158/47
58-89-9	gamma-BHC (Lindane)	0.25	0.18	72	0.18	72	0	40-169/47
5103-71-9	alpha-Chlordane	0.25	0.19	76	0.18	72	5	40-172/43
5103-74-2	gamma-Chlordane	0.25	0.19	76	0.18	72	5	40-177/48
60-57-1	Dieldrin	0.25	0.20	80	0.19	76	5	40-175/44
72-54-8	4,4'-DDD	0.25	0.18	72	0.18	72	0	40-166/45
72-55-9	4,4'-DDE	0.25	0.19	76	0.18	72	5	40-165/45
50-29-3	4,4'-DDT	0.25	0.23	92	0.21	84	9	40-187/48
72-20-8	Endrin	0.25	0.19	76	0.19	76	0	40-179/46
1031-07-8	Endosulfan sulfate	0.25	0.22	88	0.20	80	10	40-168/49
7421-93-4	Endrin aldehyde	0.25	0.19	76	0.19	76	0	40-165/54
53494-70-5	Endrin ketone	0.25	0.24	96	0.23	92	4	40-165/46
959-98-8	Endosulfan-I	0.25	0.19	76	0.19	76	0	40-168/45
33213-65-9	Endosulfan-II	0.25	0.21	84	0.20	80	5	40-183/46
76-44-8	Heptachlor	0.25	0.17	68	0.17	68	0	40-165/46
1024-57-3	Heptachlor epoxide	0.25	0.19	76	0.18	72	5	40-171/44
72-43-5	Methoxychlor	0.25	0.20	80	0.19	76	5	40-175/52

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
877-09-8	Tetrachloro-m-xylene	59%	60%	10-175%
877-09-8	Tetrachloro-m-xylene	69%	72%	10-175%
2051-24-3	Decachlorobiphenyl	51%	49%	10-128%
2051-24-3	Decachlorobiphenyl	53%	52%	10-128%

* = Outside of Control Limits.

Blank Spike/Blank Spike Duplicate Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71351-BS1	3G158412.D	1	03/03/26	AS	03/03/26	OP71351	G3G5744
OP71351-BSD	3G158413.D	1	03/03/26	AS	03/03/26	OP71351	G3G5744

The QC reported here applies to the following samples: Method: SW846 8082A

JE29061-11, JE29061-12, JE29061-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	2	1.6	80	1.6	80	0	40-152/49
11104-28-2	Aroclor 1221		ND		ND		nc	50-150/30
11141-16-5	Aroclor 1232		ND		ND		nc	50-150/30
53469-21-9	Aroclor 1242		ND		ND		nc	50-150/30
12672-29-6	Aroclor 1248		ND		ND		nc	50-150/30
11097-69-1	Aroclor 1254		ND		ND		nc	50-150/30
11096-82-5	Aroclor 1260	2	1.7	85	1.4	70	19	29-157/55
11100-14-4	Aroclor 1268		ND		ND		nc	50-150/30
37324-23-5	Aroclor 1262		ND		ND		nc	50-150/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
877-09-8	Tetrachloro-m-xylene	50%	49%	10-169%
877-09-8	Tetrachloro-m-xylene	83%	81%	10-169%
2051-24-3	Decachlorobiphenyl	37%	29%	10-130%
2051-24-3	Decachlorobiphenyl	48%	38%	10-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71355-MS	1G220061.D	1	03/06/26	RK	03/03/26	OP71355	G1G7968
OP71355-MSD	1G220062.D	1	03/06/26	RK	03/03/26	OP71355	G1G7968
JE29061-2	1G220064.D	1	03/06/26	RK	03/03/26	OP71355	G1G7968

The QC reported here applies to the following samples: Method: SW846 8081B

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	JE29061-2 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
309-00-2	Aldrin	ND	18.8	11.2	59	19.1	15.0	79	29	13-187/53
319-84-6	alpha-BHC	ND	18.8	11.2	59	19.1	12.9	68	14	17-182/54
319-85-7	beta-BHC	ND	18.8	11.2	59	19.1	19.5	102	54	10-191/54
319-86-8	delta-BHC	ND	18.8	13.3	71	19.1	17.6	92	28	10-173/53
58-89-9	gamma-BHC (Lindane)	ND	18.8	11.1	59	19.1	15.6	82	34	15-181/54
5103-71-9	alpha-Chlordane	ND	18.8	10.2	54	19.1	14.8	78	37	17-182/55
5103-74-2	gamma-Chlordane	ND	18.8	12.1	64	19.1	15.6	82	25	10-186/57
60-57-1	Dieldrin	ND	18.8	12.1	64	19.1	15.6	82	25	14-181/55
72-54-8	4,4'-DDD	ND	18.8	11.7	62	19.1	14.2	74	19	10-173/57
72-55-9	4,4'-DDE	ND	18.8	10.8	57	19.1	12.9	68	18	13-181/57
50-29-3	4,4'-DDT	ND	18.8	13.0	69	19.1	16.1	84	21	10-218/53
72-20-8	Endrin	ND	18.8	16.8	89	19.1	18.7	98	11	10-192/55
1031-07-8	Endosulfan sulfate	ND	18.8	12.6	67	19.1	16.2	85	25	10-185/57
7421-93-4	Endrin aldehyde	ND	18.8	12.3	65	19.1	16.2	85	27	10-205/52
959-98-8	Endosulfan-I	ND	18.8	11.1	59	19.1	16.0	84	36	12-178/55
33213-65-9	Endosulfan-II	ND	18.8	12.0	64	19.1	14.9	78	22	10-171/53
76-44-8	Heptachlor	ND	18.8	11.9	63	19.1	16.7	88	34	20-184/54
1024-57-3	Heptachlor epoxide	ND	18.8	10.8	57	19.1	14.6	77	30	17-185/53
72-43-5	Methoxychlor	ND	18.8	13.1	70	19.1	15.9	83	19	10-199/59
53494-70-5	Endrin ketone	ND	18.8	18.4	98	19.1	19.7	103	7	10-206/50
8001-35-2	Toxaphene	ND		ND			ND		nc	70-130/30

CAS No.	Surrogate Recoveries	MS	MSD	JE29061-2	Limits
877-09-8	Tetrachloro-m-xylene	54%	89%	58%	13-162%
877-09-8	Tetrachloro-m-xylene	78%	84%	76%	13-162%
2051-24-3	Decachlorobiphenyl	73%	91%	75%	10-180%
2051-24-3	Decachlorobiphenyl	89%	90%	99%	10-180%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP71356-MS	3G158430.D	1	03/04/26	AS	03/03/26	OP71356	G3G5744
OP71356-MSD	3G158431.D	1	03/04/26	AS	03/03/26	OP71356	G3G5744
JE29061-3	3G158434.D	1	03/04/26	AS	03/03/26	OP71356	G3G5744

The QC reported here applies to the following samples: Method: SW846 8082A

JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

CAS No.	Compound	JE29061-3 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	Spike ug/kg	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12674-11-2	Aroclor 1016	ND	178	141	79	163	128	78	10	19-218/53
11104-28-2	Aroclor 1221	ND		ND			ND		nc	50-150/30
11141-16-5	Aroclor 1232	ND		ND			ND		nc	50-150/30
53469-21-9	Aroclor 1242	ND		ND			ND		nc	50-150/30
12672-29-6	Aroclor 1248	ND		ND			ND		nc	50-150/30
11097-69-1	Aroclor 1254	ND		ND			ND		nc	50-150/30
11096-82-5	Aroclor 1260	ND	178	143	80	163	128	78	11	10-211/55
11100-14-4	Aroclor 1268	ND		ND			ND		nc	50-150/30
37324-23-5	Aroclor 1262	ND		ND			ND		nc	50-150/30

CAS No.	Surrogate Recoveries	MS	MSD	JE29061-3	Limits
877-09-8	Tetrachloro-m-xylene	62%	64%	64%	10-174%
877-09-8	Tetrachloro-m-xylene	102%	101%	101%	10-174%
2051-24-3	Decachlorobiphenyl	55%	56%	52%	10-195%
2051-24-3	Decachlorobiphenyl	69%	68%	66%	10-195%

* = Outside of Control Limits.

Surrogate Recovery Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Method: SW846 8081B	Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 ^a	S1 ^b	S2 ^a	S2 ^b
JE29061-11	1G220059.D	34	35	25	24
JE29061-12	1G220060.D	48	49	28	22
JE29061-13	1G220058.D	46	45	21	19
OP71350-BS1	1G220054.D	59	69	51	53
OP71350-BSD	1G220055.D	60	72	49	52
OP71350-MB1	1G220053.D	54	58	49	50

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	10-175%
S2 = Decachlorobiphenyl	10-128%

(a) Recovery from GC signal #1
(b) Recovery from GC signal #2

8.5.1
8

Surrogate Recovery Summary

Page 1 of 1

Job Number: JE29061

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Method: SW846 8081B

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 ^a	S1 ^b	S2 ^a	S2 ^b
JE29061-1	1G220063.D	63	88	81	84
JE29061-2	1G220064.D	58	76	75	99
JE29061-3	1G220065.D	77	84	83	77
JE29061-4	1G220066.D	72	73	76	70
JE29061-5	1G220067.D	56	69	76	64
JE29061-6	1G220068.D	61	64	69	61
JE29061-7	1G220069.D	72	73	250* ^c	285* ^c
JE29061-8	1G220189.D	80	75	86	85
JE29061-8	1G220255.D	78	76	88	91
JE29061-9	1G220190.D	66	62	75	71
JE29061-9	1G220256.D	67	63	76	73
JE29061-10	1G220191.D	80	75	89	88
OP71355-BS1	1G220057.D	109	122	131	128
OP71355-MB1	1G220056.D	74	103	113	110
OP71355-MS	1G220061.D	54	78	73	89
OP71355-MSD	1G220062.D	89	84	91	90

Surrogate Compounds

Recovery Limits

S1 = Tetrachloro-m-xylene

13-162%

S2 = Decachlorobiphenyl

10-180%

(a) Recovery from GC signal #1

(b) Recovery from GC signal #2

(c) Outside of in house control limits.

8.5.2

8

Surrogate Recovery Summary

Job Number: JE29061
Account: SESINJPB SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Method: SW846 8082A	Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 ^a	S1 ^b	S2 ^a	S2 ^b
JE29061-11	3G158422.D	27	42 ^c	13	19
JE29061-12	3G158423.D	33	52	12	33
JE29061-13	3G158421.D	24	39	9* ^c	13
OP71351-BS1	3G158412.D	50	83	37	48
OP71351-BSD	3G158413.D	49	81	29	38
OP71351-MB1	3G158411.D	47	75	30	42

Surrogate Compounds	Recovery Limits
S1 = Tetrachloro-m-xylene	10-169%
S2 = Decachlorobiphenyl	10-130%

- (a) Recovery from GC signal #1
- (b) Recovery from GC signal #2
- (c) Outside of in house control limits.

8.5.3
8

Surrogate Recovery Summary

Page 1 of 1

Job Number: JE29061

Account: SESINJPB SESI Consulting Engineers

Project: 14373, Peekskill Phase II, NY

Method: SW846 8082A

Matrix: SO

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1 ^a	S1 ^b	S2 ^a	S2 ^b
JE29061-1	3G158432.D	61	97	54	66
JE29061-2	3G158433.D	58	91	46	64
JE29061-3	3G158434.D	64	101	52	66
JE29061-4	3G158435.D	58	95	50	62
JE29061-5	3G158436.D	63	99	55	66
JE29061-6	3G158437.D	56	91	50	59
JE29061-7	3G158438.D	58	90	166	245* ^c
JE29061-8	3G158439.D	74	119	61	77
JE29061-9	3G158440.D	61	99	52	63
JE29061-10	3G158441.D	67	108	58	71
OP71356-BS1	3G158429.D	56	93	60	71
OP71356-MB1	3G158428.D	83	135	72	85
OP71356-MS	3G158430.D	62	102	55	69
OP71356-MSD	3G158431.D	64	101	56	68

Surrogate Compounds

Recovery Limits

S1 = Tetrachloro-m-xylene

10-174%

S2 = Decachlorobiphenyl

10-195%

- (a) Recovery from GC signal #1
(b) Recovery from GC signal #2
(c) Outside of in house control limits.

8.5.4

8

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE29061
Account: SESINJPB - SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60443
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 03/02/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	33	.61	5.4	1.3	<33
Antimony	1.3	.19	.27	0.11	<1.3
Arsenic	1.3	.17	.19	-0.033	<1.3
Barium	13	.013	1.3	0.033	<13
Beryllium	0.13	.013	.053	0.0067	<0.13
Bismuth	1.3	.17	.35		
Boron	6.7	.12	2.5		
Cadmium	0.33	.027	.047	-0.0067	<0.33
Calcium	330	.87	14	14.3	<330
Chromium	0.67	.047	.25	0.067	<0.67
Cobalt	3.3	.04	.19	-0.0067	<3.3
Copper	1.7	.047	.56	0.80	<1.7
Iron	33	.22	13	3.9	<33
Lead	1.3	.13	.27	0.10	<1.3
Lithium	3.3	.1	.61		
Magnesium	330	1.7	9.1	3.0	<330
Manganese	1.0	.0067	.27	0.13	<1.0
Molybdenum	1.3	.04	.21		
Nickel	2.7	.053	.23	0.060	<2.7
Phosphorus	13	.47	2.2		
Potassium	670	2.3	21	2.1	<670
Selenium	1.3	.24	.43	-0.053	<1.3
Silicon	13	.15	7.1		
Silver	0.33	.04	.11	0.0	<0.33
Sodium	670	.93	52	15.9	<670
Strontium	3.3	.0067	.12		
Sulfur	6.7	.25	2.6		
Thallium	0.67	.35	.39	0.10	<0.67
Tin	13	.093	2.5		
Titanium	0.67	.053	.23		
Tungsten	3.3	.087	1.2		
Vanadium	3.3	.033	.13	0.020	<3.3
Zinc	3.3	.02	1.5	7.1	* (a)

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE29061
Account: SESINJPB - SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60443
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 03/02/26

Metal	RL	IDL	MDL	MB raw	final

Zirconium 1.3 .033 .36

Associated samples MP60443: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested
(a) All reported results <RL or >10x MB value.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60443
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: mg/kg

Prep Date: 03/02/26

Metal	JE29061-1 Original MS		SpikeLot MPSPK2	% Rec	QC Limits
Aluminum	9450	12700	2180	169.2(a)	75-125
Antimony	0.69	90.0	174	51.3N(b)	75-125
Arsenic	43.2	249	174	118.3	75-125
Barium	68.8	233	174	94.4	75-125
Beryllium	0.30	169	174	97.0	75-125
Bismuth					
Boron					
Cadmium	0.26	170	174	97.6	75-125
Calcium	45000	41100	2180	-179.3(a)	75-125
Chromium	8.0	184	174	101.7	75-125
Cobalt	3.1	173	174	97.6	75-125
Copper	10.0	174	174	94.3	75-125
Iron	9010	10500	2180	97.9	75-125
Lead	14.1	189	174	100.5	75-125
Lithium					
Magnesium	9720	11800	2180	95.6	75-125
Manganese	169	322	174	87.9	75-125
Molybdenum					
Nickel	5.5	179	174	99.7	75-125
Phosphorus					
Potassium	1040	3420	2180	110.3	75-125
Selenium	0.0	157	174	90.1	75-125
Silicon					
Silver	0.0	23.6	21.8	108.5	75-125
Sodium	1360	3620	2180	103.9	75-125
Strontium					
Sulfur					
Thallium	0.0	171	174	98.3	75-125
Tin					
Titanium					
Tungsten					
Vanadium	24.2	201	174	101.6	75-125
Zinc	29.4	187	174	90.6	75-125

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60443
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: mg/kg

Prep Date: 03/02/26

Metal	JE29061-1 Original MS	Spike lot MPSPK2	% Rec	QC Limits

Zirconium

Associated samples MP60443: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

(b) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

9.1.2

9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60443
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: mg/kg

Prep Date: 03/02/26

Metal	JE29061-1 Original MSD		Spike lot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum	9450	14400	2160	249.2(a)	12.5	20
Antimony	0.69	88.8	173	51.0N(b)	1.3	20
Arsenic	43.2	218	173	101.2	13.3	20
Barium	68.8	233	173	95.1	0.0	20
Beryllium	0.30	165	173	95.4	2.4	20
Bismuth						
Boron						
Cadmium	0.26	165	173	95.4	3.0	20
Calcium	45000	48700	2160	171.4(a)	16.9	20
Chromium	8.0	171	173	94.9	7.3	20
Cobalt	3.1	170	173	96.6	1.7	20
Copper	10.0	179	173	97.8	2.8	20
Iron	9010	11100	2160	126.4N(b)	5.6	20
Lead	14.1	188	173	100.7	0.5	20
Lithium						
Magnesium	9720	13400	2160	170.4(a)	12.7	20
Manganese	169	324	173	89.7	0.6	20
Molybdenum						
Nickel	5.5	175	173	98.1	2.3	20
Phosphorus						
Potassium	1040	3690	2160	123.7	7.6	20
Selenium	0.0	155	173	89.6	1.3	20
Silicon						
Silver	0.0	21.7	21.6	100.5	8.4	20
Sodium	1360	3560	2160	101.9	1.7	20
Strontium						
Sulfur						
Thallium	0.0	166	173	96.1	3.0	20
Tin						
Titanium						
Tungsten						
Vanadium	24.2	195	173	98.9	3.0	20
Zinc	29.4	198	173	97.6	5.7	20

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60443
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: mg/kg

Prep Date: 03/02/26

Metal	JE29061-1 Original MSD	Spike lot MPSPK2	% Rec	MSD RPD	QC Limit

Zirconium

Associated samples MP60443: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

(b) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

9.1.2

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SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60443
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: mg/kg

Prep Date: 03/02/26

Metal	BSP Result	Spike lot MPSPK2	% Rec	QC Limits
Aluminum	1680	1670	100.8	80-120
Antimony	133	133	99.8	80-120
Arsenic	136	133	102.0	80-120
Barium	134	133	100.5	80-120
Beryllium	134	133	100.5	80-120
Bismuth				
Boron				
Cadmium	131	133	98.3	80-120
Calcium	1710	1670	102.6	80-120
Chromium	134	133	100.5	80-120
Cobalt	133	133	99.8	80-120
Copper	130	133	97.5	80-120
Iron	1710	1670	102.6	80-120
Lead	136	133	102.0	80-120
Lithium				
Magnesium	1680	1670	100.8	80-120
Manganese	136	133	102.0	80-120
Molybdenum				
Nickel	136	133	102.0	80-120
Phosphorus				
Potassium	1660	1670	99.6	80-120
Selenium	127	133	95.3	80-120
Silicon				
Silver	16.5	16.7	99.0	80-120
Sodium	1670	1670	100.2	80-120
Strontium				
Sulfur				
Thallium	134	133	100.5	80-120
Tin				
Titanium				
Tungsten				
Vanadium	132	133	99.0	80-120
Zinc	134	133	100.5	80-120

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60443
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: mg/kg

Prep Date: 03/02/26

Metal	BSP Result	Spike lot MPSPK2	% Rec	QC Limits

Zirconium

Associated samples MP60443: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60443
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/02/26

Metal	JE29061-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	112000	108000	0.8	0-10
Antimony	8.10	16.4	102.5(a)	0-10
Arsenic	510	511	0.0	0-10
Barium	814	821	0.9	0-10
Beryllium	3.50	3.30	5.7	0-10
Bismuth				
Boron				
Cadmium	3.10	0.00	100.0(a)	0-10
Calcium	532000	532000	0.1	0-10
Chromium	94.0	90.6	9.6	0-10
Cobalt	36.3	31.7	12.7*(b)	0-10
Copper	119	106	10.8*(c)	0-10
Iron	107000	103000	4.2	0-10
Lead	167	184	10.5*(c)	0-10
Lithium				
Magnesium	115000	121000	5.4	0-10
Manganese	2000	2120	5.8	0-10
Molybdenum				
Nickel	65.0	64.3	1.1	0-10
Phosphorus				
Potassium	12300	12500	3.2	0-10
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium	16100	16600	3.4	0-10
Strontium				
Sulfur				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Tungsten				
Vanadium	287	299	4.3	0-10
Zinc	348	432	24.1*(c)	0-10

9.1.4

9

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60443
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/02/26

Metal	JE29061-1 Original SDL 1:5	%DIF	QC Limits

Zirconium

Associated samples MP60443: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

(b) RPD acceptable due to low duplicate and sample concentrations.

(c) Serial dilution indicates possible matrix interference.

9.1.4

9

POST DIGESTATE SPIKE SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60443
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: ug/l

Prep Date:

03/02/26

Metal	Sample ml	Final ml	JE29061-1 Raw	JE29061-1 Corr.**	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Antimony	19.25	20		7.79625	1951	0.2	200	2000	97.2	80-120

Associated samples MP60443: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(**) Corr. sample result = Raw * (sample volume / final volume)

(anr) Analyte not requested

9.1.5

9

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE29061
Account: SESINJPB - SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60446
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/03/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	200	9.2	150	-4.8	<200
Antimony	6.0	2.8	4.7	1.1	<6.0
Arsenic	3.0	2.6	2.8	-1.2	<3.0
Barium	200	.2	13	0.0	<200
Beryllium	1.0	.2	.5	0.10	<1.0
Bismuth	20	2.5	8.6		
Boron	100	1.8	10		
Cadmium	3.0	.4	1	0.50	<3.0
Calcium	5000	13	99	9.0	<5000
Cerium	100				
Chromium	10	.7	2	0.30	<10
Cobalt	50	.6	2.6	0.10	<50
Copper	10	.7	5.9	-1.9	<10
Iron	100	3.3	32	2.5	<100
Lead	3.0	2	1.8	-0.70	<3.0
Lithium	50	1.5	7.3		
Magnesium	5000	25	140	8.2	<5000
Manganese	15	.1	1.4	0.10	<15
Molybdenum	20	.6	3.6		
Nickel	10	.8	1.7	0.40	<10
Phosphorus	50	7	18		
Potassium	10000	35	200	2.3	<10000
Selenium	10	3.6	4.9	-0.70	<10
Silicon	200	2.2	32		
Silver	10	.6	6.1	-3.0	<10
Sodium	10000	14	570	-26	<10000
Strontium	10	.1	2.7		
Sulfur	50	3.7	45		
Thallium	10	5.2	1.8	-2.1	<10
Tin	10	1.4	3.7		
Titanium	10	.8	2.5		
Tungsten	50	1.3	40		
Vanadium	50	.5	1.8	-0.10	<50

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE29061
Account: SESINJPB - SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60446
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/03/26

Metal	RL	IDL	MDL	MB raw	final
Zinc	20	.3	6.9	1.3	<20
Zirconium	10	.5	4.1		

Associated samples MP60446: JE29061-11, JE29061-12, JE29061-13

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60446
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/03/26

Metal	JE29055-1F Original MS		Spike lot MPSPK2	% Rec	QC Limits
Aluminum	148	27000	25000	107.0	75-125
Antimony	0.00	2250	2000	112.5	75-125
Arsenic	133	2430	2000	114.9	75-125
Barium	301	2470	2000	108.4	75-125
Beryllium	4.8	2170	2000	108.4	75-125
Bismuth					
Boron					
Cadmium	0.0	2230	2000	111.5	75-125
Calcium	967000	1030000	25000	252.0(a)	75-125
Cerium					
Chromium	14.8	1990	2000	98.8	75-125
Cobalt	6.4	2080	2000	103.7	75-125
Copper	0.0	1960	2000	98.0	75-125
Iron	480	25500	25000	100.1	75-125
Lead	0.0	2180	2000	109.0	75-125
Lithium					
Magnesium	837000	898000	25000	244.0(a)	75-125
Manganese	9440	11900	2000	123.0	75-125
Molybdenum					
Nickel	904	3010	2000	107.2	75-125
Phosphorus					
Potassium	1680000	1770000	25000	360.0(a)	75-125
Selenium	0.00	2130	2000	106.5	75-125
Silicon					
Silver	0.0	297	250	118.8	75-125
Sodium	3250000	3420000	25000	680.0(a)	75-125
Strontium					
Sulfur					
Thallium	0.0	2110	2000	105.5	75-125
Tin					
Titanium					
Tungsten					
Vanadium	192	2220	2000	102.0	75-125

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60446
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/03/26

Metal	JE29055-1F Original MS	Spikelot MPSPK2	% Rec	QC Limits

Zinc 0.0 1940 2000 97.0 75-125

Zirconium

Associated samples MP60446: JE29061-11, JE29061-12, JE29061-13

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60446
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/03/26

Metal	JE29055-1F Original	MSD	Spike lot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum	148	27300	25000	108.2	1.1	20
Antimony	0.00	2170	2000	108.5	3.6	20
Arsenic	133	2340	2000	110.4	3.8	20
Barium	301	2410	2000	105.4	2.5	20
Beryllium	4.8	2090	2000	104.4	3.8	20
Bismuth						
Boron						
Cadmium	0.0	2120	2000	106.0	5.1	20
Calcium	967000	1030000	25000	252.0(a)	0.0	20
Cerium						
Chromium	14.8	1960	2000	97.3	1.5	20
Cobalt	6.4	2030	2000	101.2	2.4	20
Copper	0.0	1910	2000	95.5	2.6	20
Iron	480	25900	25000	101.7	1.6	20
Lead	0.0	2060	2000	103.0	5.7	20
Lithium						
Magnesium	837000	893000	25000	224.0(a)	0.6	20
Manganese	9440	11800	2000	118.0	0.8	20
Molybdenum						
Nickel	904	2950	2000	104.2	2.0	20
Phosphorus						
Potassium	1680000	1770000	25000	360.0(a)	0.0	20
Selenium	0.00	2020	2000	101.0	5.3	20
Silicon						
Silver	0.0	291	250	116.4	2.0	20
Sodium	3250000	3440000	25000	760.0(a)	0.6	20
Strontium						
Sulfur						
Thallium	0.0	2010	2000	100.5	4.9	20
Tin						
Titanium						
Tungsten						
Vanadium	192	2180	2000	100.0	1.8	20

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60446
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/03/26

Metal	JE29055-1F Original MSD	Spike lot MPSPK2	% Rec	MSD RPD	QC Limit

Zinc	0.0	1910	2000	95.5	1.6	20

Zirconium

Associated samples MP60446: JE29061-11, JE29061-12, JE29061-13

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE29061
Account: SESINJPB - SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60446
Matrix Type: AQUEOUS

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/03/26

Metal	BSP Result	Spike lot MPSPK2	% Rec	QC Limits
Aluminum	24700	25000	98.8	80-120
Antimony	2090	2000	104.5	80-120
Arsenic	2010	2000	100.5	80-120
Barium	2040	2000	102.0	80-120
Beryllium	1980	2000	99.0	80-120
Bismuth				
Boron				
Cadmium	2010	2000	100.5	80-120
Calcium	25500	25000	102.0	80-120
Cerium				
Chromium	1980	2000	99.0	80-120
Cobalt	1980	2000	99.0	80-120
Copper	1880	2000	94.0	80-120
Iron	24000	25000	96.0	80-120
Lead	2000	2000	100.0	80-120
Lithium				
Magnesium	23600	25000	94.4	80-120
Manganese	2080	2000	104.0	80-120
Molybdenum				
Nickel	2030	2000	101.5	80-120
Phosphorus				
Potassium	23300	25000	93.2	80-120
Selenium	2010	2000	100.5	80-120
Silicon				
Silver	243	250	97.2	80-120
Sodium	24400	25000	97.6	80-120
Strontium				
Sulfur				
Thallium	1990	2000	99.5	80-120
Tin				
Titanium				
Tungsten				
Vanadium	1900	2000	95.0	80-120

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60446
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/03/26

Metal	BSP Result	Spike lot MPSPK2	% Rec	QC Limits

Zinc	2030	2000	101.5	80-120

Zirconium

Associated samples MP60446: JE29061-11, JE29061-12, JE29061-13

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60446
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/03/26

Metal	JE29055-1F Original	SDL 1:5	%DIF	QC Limits
Aluminum	148	544	114.2(a)	0-10
Antimony	0.00	0.00	NC	0-10
Arsenic	133	0.00	100.0(a)	0-10
Barium	301	299	1.2	0-10
Beryllium	4.80	0.00	100.0(a)	0-10
Bismuth				
Boron				
Cadmium	0.00	0.00	NC	0-10
Calcium	967000	999000	3.4	0-10
Cerium				
Chromium	14.8	16.7	12.8 (a)	0-10
Cobalt	6.40	0.00	100.0(a)	0-10
Copper	0.00	0.00	NC	0-10
Iron	480	515	7.4	0-10
Lead	0.00	0.00	NC	0-10
Lithium				
Magnesium	837000	896000	7.1	0-10
Manganese	9440	9710	2.8	0-10
Molybdenum				
Nickel	904	887	2.4	0-10
Phosphorus				
Potassium	1680000	1740000	4.0	0-10
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium	3250000	3310000	1.8	0-10
Strontium				
Sulfur				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Tungsten				
Vanadium	192	174	3.7	0-10

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60446
 Matrix Type: AQUEOUS

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/03/26

Metal	JE29055-1F Original	SDL 1:5	%DIF	QC Limits

Zinc	0.00	0.00	NC	0-10

Zirconium

Associated samples MP60446: JE29061-11, JE29061-12, JE29061-13

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE29061
Account: SESINJPB - SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60455
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 03/04/26

Metal	RL	IDL	MDL	MB raw	final
Aluminum	33	.61	5.4		
Antimony	1.3	.19	.27		
Arsenic	1.3	.17	.19		
Barium	13	.013	1.3		
Beryllium	0.13	.013	.053		
Bismuth	1.3	.17	.35		
Boron	6.7	.12	2.5		
Cadmium	0.33	.027	.047		
Calcium	330	.87	14		
Chromium	0.67	.047	.25		
Cobalt	3.3	.04	.19		
Copper	1.7	.047	.56		
Iron	33	.22	13		
Lead	1.3	.13	.27		
Lithium	3.3	.1	.61		
Magnesium	330	1.7	9.1		
Manganese	1.0	.0067	.27		
Molybdenum	1.3	.04	.21		
Nickel	2.7	.053	.23		
Phosphorus	13	.47	2.2		
Potassium	670	2.3	21		
Selenium	1.3	.24	.43		
Silicon	13	.15	7.1		
Silver	0.33	.04	.11		
Sodium	670	.93	52		
Strontium	3.3	.0067	.12		
Sulfur	6.7	.25	2.6		
Thallium	0.67	.35	.39		
Tin	13	.093	2.5		
Titanium	0.67	.053	.23		
Tungsten	3.3	.087	1.2		
Vanadium	3.3	.033	.13		
Zinc	3.3	.02	1.5	0.41	<3.3

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE29061
Account: SESINJPB - SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60455
Matrix Type: SOLID

Methods: SW846 6010D
Units: mg/kg

Prep Date: 03/04/26

Metal	RL	IDL	MDL	MB raw	final

Zirconium 1.3 .033 .36

Associated samples MP60455: JE29061-1, JE29061-2, JE29061-3, JE29061-5, JE29061-6, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60455
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: mg/kg

Prep Date: 03/04/26

Metal	JE29168-1 Original MS	SpikeLot MPSPK2	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	anr			
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	84.6	221	144	94.5 75-125

9.3.2
9

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60455
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: mg/kg

Prep Date: 03/04/26

Metal	JE29168-1 Original MS	Spike lot MPSPK2	% Rec	QC Limits

Zirconium

Associated samples MP60455: JE29061-1, JE29061-2, JE29061-3, JE29061-5, JE29061-6, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60455
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: mg/kg

Prep Date: 03/04/26

Metal	JE29168-1 Original	MSD	Spike lot MPSPK2	% Rec	MSD RPD	QC Limit
Aluminum	anr					
Antimony	anr					
Arsenic	anr					
Barium	anr					
Beryllium	anr					
Bismuth						
Boron						
Cadmium	anr					
Calcium	anr					
Chromium	anr					
Cobalt	anr					
Copper	anr					
Iron	anr					
Lead	anr					
Lithium						
Magnesium	anr					
Manganese	anr					
Molybdenum						
Nickel	anr					
Phosphorus						
Potassium	anr					
Selenium	anr					
Silicon						
Silver	anr					
Sodium	anr					
Strontium						
Sulfur						
Thallium	anr					
Tin						
Titanium						
Tungsten						
Vanadium	anr					
Zinc	84.6	195	148	74.8N(a)	12.5	20

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60455
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: mg/kg

Prep Date: 03/04/26

Metal	JE29168-1 Original MSD	Spike lot MPSPK2	% Rec	MSD RPD	QC Limit

Zirconium

Associated samples MP60455: JE29061-1, JE29061-2, JE29061-3, JE29061-5, JE29061-6, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60455
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: mg/kg

Prep Date: 03/04/26

Metal	BSP Result	Spike lot MPSPK2	% Rec	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	anr			
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	133	133	99.8	80-120

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60455
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: mg/kg

Prep Date: 03/04/26

Metal	BSP Result	Spike lot MPSPK2	% Rec	QC Limits

Zirconium

Associated samples MP60455: JE29061-1, JE29061-2, JE29061-3, JE29061-5, JE29061-6, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60455
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: ug/l

Prep Date: 03/04/26

Metal	JE29168-1 Original	SDL 1:5	%DIF	QC Limits
Aluminum	anr			
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Bismuth				
Boron				
Cadmium	anr			
Calcium	anr			
Chromium	anr			
Cobalt	anr			
Copper	anr			
Iron	anr			
Lead	anr			
Lithium				
Magnesium	anr			
Manganese	anr			
Molybdenum				
Nickel	anr			
Phosphorus				
Potassium	anr			
Selenium	anr			
Silicon				
Silver	anr			
Sodium	anr			
Strontium				
Sulfur				
Thallium	anr			
Tin				
Titanium				
Tungsten				
Vanadium	anr			
Zinc	1140	1200	5.3	0-10

9.3.4
9

SERIAL DILUTION RESULTS SUMMARY

Login Number: JE29061
Account: SESINJPB - SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60455
Matrix Type: SOLID

Methods: SW846 6010D
Units: ug/l

Prep Date: 03/04/26

Metal	JE29168-1 Original SDL 1:5	%DIF	QC Limits

Zirconium

Associated samples MP60455: JE29061-1, JE29061-2, JE29061-3, JE29061-5, JE29061-6, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

POST DIGESTATE SPIKE SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60455
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: ug/l

Prep Date:

03/04/26

Metal	Sample ml	Final ml	JE29168-1 Raw	PS Corr.** ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Bismuth									
Boron									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead									
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Phosphorus									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Sulfur									
Thallium									
Tin									
Titanium									
Tungsten									
Vanadium									
Zinc	19.25	20	1140	1097.25	2944	0.2	200	2000	92.3 80-120

POST DIGESTATE SPIKE SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60455
 Matrix Type: SOLID

Methods: SW846 6010D
 Units: ug/l

Prep Date:

03/04/26

Metal	Sample ml	Final ml	JE29168-1 Raw	PS Corr.** ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits

Zirconium

Associated samples MP60455: JE29061-1, JE29061-2, JE29061-3, JE29061-5, JE29061-6, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(**) Corr. sample result = Raw * (sample volume / final volume)

(anr) Analyte not requested

9.3.5

9

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE29061
Account: SESINJPB - SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60459
Matrix Type: SOLID

Methods: SW846 7471B
Units: mg/kg

Prep Date: 03/03/26

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.033	.006	.015	-0.0039	<0.033

Associated samples MP60459: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60459
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 03/03/26

Metal	JE28962-1		Spike lot		QC
	Original	MS	HGPWS1	% Rec	Limits
Mercury	0.010	0.28	0.316	85.3	80-120

Associated samples MP60459: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60459
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 03/03/26

Metal	JE28962-1 Original MSD	SpikeLot HGPWS1	% Rec	MSD RPD	QC Limit
Mercury	0.010 0.28	0.314	85.9	0.0	20

Associated samples MP60459: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60459
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 03/03/26 03/03/26

Metal	BSP Result	Spike lot HGPWS1	% Rec	QC Limits	LCS Result	Spike lot HGLC681022%	Rec	QC Limits
Mercury	0.33	0.333	99.0	80-120	21.0	25.5	82.4	71-125

Associated samples MP60459: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60459
 Matrix Type: SOLID

Methods: SW846 7471B
 Units: mg/kg

Prep Date: 03/03/26

Metal	LCS Result	Spike lot HGLC681022% Rec	QC Limits

Mercury 21.4 25.5 83.9 71-125

Associated samples MP60459: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: JE29061
Account: SESINJPB - SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60467
Matrix Type: AQUEOUS

Methods: SW846 7470A
Units: ug/l

Prep Date: 03/04/26

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.20	.036	.095	-0.013	<0.20

Associated samples MP60467: JE29061-11, JE29061-12, JE29061-13

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60467
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 03/04/26

Metal	JE29055-1F Original MS		Spike lot HGPW3	% Rec	QC Limits
Mercury	0.042	1.6	2	77.9	75-125

Associated samples MP60467: JE29061-11, JE29061-12, JE29061-13

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60467
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 03/04/26

Metal	JE29055-1F Original MSD		Spike lot HGPW3	% Rec	MSD RPD	QC Limit
Mercury	0.042	1.6	2	77.9	0.0	20

Associated samples MP60467: JE29061-11, JE29061-12, JE29061-13

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: JE29061
 Account: SESINJPB - SESI Consulting Engineers
 Project: 14373, Peekskill Phase II, NY

QC Batch ID: MP60467
 Matrix Type: AQUEOUS

Methods: SW846 7470A
 Units: ug/l

Prep Date: 03/04/26

Metal	BSP Result	Spike lot HGPW3	% Rec	QC Limits
Mercury	2.2	2	110.0	80-120

Associated samples MP60467: JE29061-11, JE29061-12, JE29061-13

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JE29061
Account: SESINJPB - SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Cyanide	GP68182/GN80066	0.010	0.0	mg/l	0.2	0.196	98.0	90-110%
Cyanide	GP68184/GN80066	0.24	0.0	mg/kg	4.8	4.97	103.5	90-110%

Associated Samples:

Batch GP68182: JE29061-11, JE29061-12, JE29061-13

Batch GP68184: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

(*) Outside of QC limits

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JE29061
Account: SESINJPB - SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Cyanide	GP68182/GN80066	DA79873-1	mg/l	0.0	0.0	0.0	0-32%
Cyanide	GP68184/GN80066	JE28962-1	mg/kg	0.27	0.52	63.3* (a)	0-49%
Solids, Percent	GN79866	JE29061-1	%	76.5	77.2	0.9	0-10%

Associated Samples:

Batch GN79866: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

Batch GP68182: JE29061-11, JE29061-12, JE29061-13

Batch GP68184: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

(*) Outside of QC limits

(a) High RPD due to possible sample nonhomogeneity.

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JE29061
Account: SESINJPB - SESI Consulting Engineers
Project: 14373, Peekskill Phase II, NY

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Cyanide	GP68182/GN80066	DA79873-1	mg/l	0.0	0.2	0.11	55.0N(a)	90-110%
Cyanide	GP68184/GN80066	JE28962-1	mg/kg	0.27	6.05	8.0	127.9N(a)	75-125%

Associated Samples:

Batch GP68182: JE29061-11, JE29061-12, JE29061-13

Batch GP68184: JE29061-1, JE29061-2, JE29061-3, JE29061-4, JE29061-5, JE29061-6, JE29061-7, JE29061-8, JE29061-9, JE29061-10

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(a) Spike recovery indicates possible matrix interference.

The results set forth herein are provided by SGS North America Inc.

e-Hardcopy 2.0
Automated Report

Technical Report for

SESI Consulting Engineers

14373, Peekskill Phase II, NY

SGS Job Number: JE29061X

Sampling Date: 02/27/26

Report to:

SESI Consulting Engineers
959 Route 46E 3rd Floor
Parsippany, NJ 07054
marykate.chorazak@sesi.org

ATTN: MaryKate Chorazak

Total number of pages in report: **647**



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable unless noted in the narrative, comments or footnotes.

Olga Azarian
Technical Director

Client Service contact: Louie Devletter 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CO, CT, FL, HI, IL, IN, KY, LA (120428), MA, MD, ME, MN, NC, NH, NV, AK (UST-103), AZ (AZ0786), PA(68-00408), RI, SC, TX (T104704234), UT, VA, WA, WV

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Test results relate only to samples analyzed.

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Sample Summary

SESI Consulting Engineers
14373, Peekskill Phase II, NY

Job No: JE29061X

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
JE29061-11X	02/27/26	12:45	FAV	02/28/26	AQ Ground Water	TWP-5
JE29061-12X	02/27/26	14:02	FAV	02/28/26	AQ Ground Water	TWP-6
JE29061-13X	02/27/26	15:09	FAV	02/28/26	AQ Ground Water	TWP-10



Dayton, NJ

2

Section 2

Subcontract Lab Data

Report of Analysis



FINAL LAB REPORT

JE29061X

32600557

23-Mar-2026

Prepared by

SGS NORTH AMERICA

Prepared for

SGS North America, Inc.

Louie DeVletter

2235 US Highway 130

Dayton, NJ 08810

Phone: 908-892-6348

Email: Louie.DeVletter@sgs.com

This report is approved by

Megan Shannahan

megan.shannahan@sgs.com

Project Manager

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SGS CERTIFICATIONS

Alaska DEC LAP	17-012
Alaska DEC LCP	NC00919
Arkansas	88-0682
California (ELAP)	ELAP Cert #2914
CLIA	34D1013708
Colorado	NC00919
Connecticut	PH-0258
USDA Soil Permit	P330-20-00103
American Association for Laboratory Accreditation (A2LA)	2726.01 (ISO 17025:2017, 2009 TNI, DoD ELAP QSM 5.4)
Florida DOH	E87634
Hawaii DOH	Approval
Louisiana DEQ	4115
Louisiana DOH	LA031
Maine	2020020
Massachusetts	M-NC919
Michigan	9950
Minnesota (Primary NELAP For Method 23)	037-999-459
Montana	0106
New Hampshire (Secondary NELAP)	2083
New Jersey	NC100
New York	11685
North Carolina DEQ	481
Ohio	87785
Oklahoma	2205
Oregon	NC200002
Pennsylvania	68-03675
South Carolina	99029002
Texas	T104704260
UCMR 5	NC00919
US Coast Guard	16714/159.317/SGS
U.S. Fish and Wildlife Service	A22801
Vermont	VT-87634
Virginia	460214
Washington	C913

Rev. 16-Mar-2023



Sample Summary					
<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Collected</u>	<u>Received</u>	<u>Matrix</u>	
TWP-5	32600557001	02/27/2026 12:45	03/03/2026 11:50	Water	
TWP-6	32600557002	02/27/2026 14:02	03/03/2026 11:50	Water	
TWP-10	32600557003	02/27/2026 15:09	03/03/2026 11:50	Water	

Case Narrative

TWP-10

Added 60 µL of 5% Formic acid to bring pH to 6.5.
Volume reduced due to TSS being 0.9%.

TWP-5

Added 80 µL of 5% Formic acid to bring pH to 6.5.
Volume reduced due to TSS being 0.7%.

TWP-6

Added 80 µL of 5% Formic acid to bring pH to 6.5.
Volume reduced due to TSS being 1.3%.

Laboratory Qualifiers**Report Definitions**

DL	Method, Instrument, or Estimated Detection Limit per Analytical Method
CL	Control Limits for the recovery result of a parameter
LOQ	Reporting Limit
DF	Dilution Factor
RPD	Relative Percent Difference
LCS(D)	Laboratory Control Spike (Duplicate)
MS(D)	Matrix Spike (Duplicate)
MB	Method Blank

Qualifier Definitions

*	Recovery or RPD outside of control limits
A	Indicates reported result is above the established limit
B	Analyte was detected in the Lab Method Blank at a level above ½ the LOQ
U	Undetected (Reported as <LOD)
J	Estimated Concentration.
E	Amount detected is greater than the Upper Calibration Limit
TIC	Tentatively Identified Compound
ND	Not Detected
P	RPD > 40% between results of dual columns
D	Spike or surrogate was diluted out in order to achieve a parameter result within instrument calibration range

Samples requiring manual integrations for various congeners and/or standards are marked and dated by the analyst. A code definition is provided below:

M1	Mis-identified peak
M2	Software did not integrate peak
M3	Incorrect baseline construction (i.e. not all of peak included; two peaks integrated as one)
M4	Pattern integration required (i.e. DRO, GRO, PCB, Toxaphene and Technical Chlordane)
M5	Other - Explained in case narrative

Note Results pages that include a value for "Solids (%)" have been adjusted for moisture content.

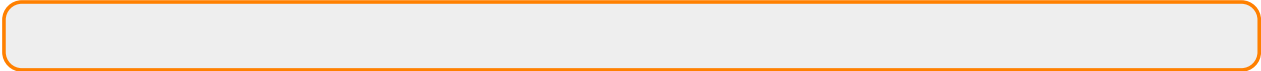
Detectable Results Summary

Client Sample ID: **TWP-5**

Lab Sample ID: 32600557001-C

EPA 1633A

<u>Parameter</u>	<u>Result</u>	<u>Units</u>
PFBA	1300	ng/L
PFPeA	632	ng/L
PFHxA	325	ng/L
PFHpA	329	ng/L
PFOA	329	ng/L
PFNA	330	ng/L
PFDA	330	ng/L
PFuNA	303	ng/L
PFDaA	253	ng/L
PFTTrDA	317	ng/L
PFTeDA	267	ng/L
PFBS	337	ng/L
PFHxS	364	ng/L
PFHpS	324	ng/L
PFOS	317	ng/L
PFDS	264	ng/L
6:2 FTS	1250	ng/L
8:2 FTS	1140	ng/L
PFOSA	301	ng/L
NMeFOSAA	290	ng/L
NEtFOSAA	305	ng/L



Sample Results

Parameter Cross Reference

REGULAR

<u>PARAMETER</u>	<u>CASNO</u>	<u>FULL NAME</u>
6:2 FTS	27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid
8:2 FTS	39108-34-4	1H,1H,2H,2H-perfluorodecane sulfonic acid
NEtFOSAA	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid
NMeFOSAA	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid
PFBA	375-22-4	Perfluorobutanoic acid
PFBS	375-73-5	Perfluorobutanesulfonic Acid
PFDA	335-76-2	Perfluorodecanoic acid
PFDaA	307-55-1	Perfluorododecanoic acid
PFDS	335-77-3	Perfluorodecanesulfonic Acid
PFHpA	375-85-9	Perfluoroheptanoic acid
PFHpS	375-92-8	Perfluoroheptanesulfonic Acid
PFHxA	307-24-4	Perfluorohexanoic acid
PFHxS	355-46-4	Perfluorohexanesulfonic Acid
PFNA	375-95-1	Perfluorononanoic acid
PFOA	335-67-1	Perfluorooctanoic acid
PFOS	1763-23-1	Perfluorooctanesulfonic Acid
PFOSA	754-91-6	Perfluorooctanesulfonamide
PFPeA	2706-90-3	Perfluoropentanoic acid
PFTeDA	376-06-7	Perfluorotetradecanoic acid
PFTrDA	72629-94-8	Perfluorotridecanoic acid
PFuNA	2058-94-8	Perfluoroundecanoic acid

SURROGATE

<u>PARAMETER</u>	<u>CASNO</u>	<u>FULL NAME</u>
13C2-6:2 FTS	13C6:2FTS	13C2-1H,1H,2H,2H-Perfluorooctanesulfonic Acid
13C2-8:2 FTS	13C8:2FTS	13C2-1H,1H,2H,2H-perfluorodecanoic Acid
13C2-PFDaA	13CPFDaA	13C2-Perfluoro-n-dodecanoic Acid
13C2-PFTeDA	13CPFTeDA	13C2-Perfluorotetradecanoic Acid
13C3-PFBS	13CPFBS	13C3-Perfluorobutanesulfonoic Acid
13C3-PFHxS	13CPFHxS	13C3-Perfluorohexanesulfonate Acid
13C4-PFBA	13CPFBA	13C4-Perfluoro-n-butanoic Acid
13C4-PFHpA	13CPFHpA	13C4-Perfluoroheptanoate Acid
13C5-PFHxA	13CPFHxA	13C5-Perfluoro-n-hexanoic Acid
13C5-PFPeA	13CPFPEA	13C5-Perfluoropentanoate Acid
13C6-PFDA	13CPFDA	13C6-Perfluoro-n-decanoic Acid



Parameter Cross Reference

13C7-PFuNA	13CPFUNA	13C7-Perfluoro-n-undecanoic Acid
13C8-PFOA	13CPFOA	13C8-Perfluoro-n-octanoic Acid
13C8-PFOS	13CPFOS	13C8-Perfluorooctanesulfonic Acid
13C8-PFOSA	13CPFOSA	13C8-Perfluorooctanesulfonamide Acid
13C9-PFNA	13CPFNA	13c9-Perfluoro-n-nonanoic Acid
d3-NMeFOSAA	1400690-70-1	d3-N-methyl perfluoro-1-octanesulfoamidoacetic Acid
d5-NEtFOSAA	1265205-97-7	d5-N-ethyl-perfluoro-1-octanesulfonamidoacetic

Results of TWP-5

Client Sample ID: **TWP-5**
 Client Project ID: **JE29061X**
 Lab Sample ID: 32600557001-C
 Lab Project ID: 32600557

Collection Date: 02/27/2026 12:45
 Received Date: 03/03/2026 11:50
 Matrix: Water

Results by EPA 1633A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>DL</u>	<u>LOQ/CL</u>	<u>Units</u>	<u>DF</u>	<u>Date Analyzed</u>
PFBA	1300		100	320	ng/L	1	03/19/2026 4:44
PFPeA	632		50.0	160	ng/L	1	03/19/2026 4:44
PFHxA	325		50.0	80.0	ng/L	1	03/19/2026 4:44
PFHpA	329		50.0	80.0	ng/L	1	03/19/2026 4:44
PFOA	329		50.0	80.0	ng/L	1	03/19/2026 4:44
PFNA	330		50.0	80.0	ng/L	1	03/19/2026 4:44
PFDA	330		50.0	80.0	ng/L	1	03/19/2026 4:44
PFuNA	303		50.0	80.0	ng/L	1	03/19/2026 4:44
PFDaA	253		50.0	65.0	ng/L	1	03/19/2026 4:44
PFTrDA	317		50.0	80.0	ng/L	1	03/19/2026 4:44
PFTeDA	267		50.0	80.0	ng/L	1	03/19/2026 4:44
PFBS	337		50.0	80.0	ng/L	1	03/19/2026 4:44
PFHxS	364		50.0	90.0	ng/L	1	03/19/2026 4:44
PFHpS	324		50.0	80.0	ng/L	1	03/19/2026 4:44
PFOS	317		50.0	80.0	ng/L	1	03/19/2026 4:44
PFDS	264		50.0	80.0	ng/L	1	03/19/2026 4:44
6:2 FTS	1250		100	285	ng/L	1	03/19/2026 4:44
8:2 FTS	1140		100	270	ng/L	1	03/19/2026 4:44
PFOSA	301		50.0	80.0	ng/L	1	03/19/2026 4:44
NMeFOSAA	290		50.0	80.0	ng/L	1	03/19/2026 4:44
NEtFOSAA	305		50.0	80.0	ng/L	1	03/19/2026 4:44
Surrogates							
13C4-PFBA	112			5.00-130	%	1	03/19/2026 4:44
13C5-PFPeA	112			40.0-130	%	1	03/19/2026 4:44
13C5-PFHxA	110			40.0-130	%	1	03/19/2026 4:44
13C4-PFHpA	109			40.0-130	%	1	03/19/2026 4:44
13C8-PFOA	107			40.0-130	%	1	03/19/2026 4:44
13C9-PFNA	107			40.0-130	%	1	03/19/2026 4:44
13C6-PFDA	112			40.0-130	%	1	03/19/2026 4:44
13C7-PFuNA	110			30.0-130	%	1	03/19/2026 4:44
13C2-PFDaA	94.0			10.0-130	%	1	03/19/2026 4:44
13C2-PFTeDA	108			10.0-130	%	1	03/19/2026 4:44
13C3-PFBS	106			40.0-135	%	1	03/19/2026 4:44
13C3-PFHxS	111			40.0-130	%	1	03/19/2026 4:44
13C8-PFOS	111			40.0-130	%	1	03/19/2026 4:44
13C2-6:2 FTS	112			40.0-200	%	1	03/19/2026 4:44
13C2-8:2 FTS	115			40.0-300	%	1	03/19/2026 4:44

Results of TWP-5

Client Sample ID: **TWP-5**
 Client Project ID: **JE29061X**
 Lab Sample ID: 32600557001-C
 Lab Project ID: 32600557

Collection Date: 02/27/2026 12:45
 Received Date: 03/03/2026 11:50
 Matrix: Water

Results by EPA 1633A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>DL</u>	<u>LOQ/CL</u>	<u>Units</u>	<u>DF</u>	<u>Date Analyzed</u>
13C8-PFOSA	122			40.0-130	%	1	03/19/2026 4:44
d3-NMeFOSAA	112			40.0-170	%	1	03/19/2026 4:44
d5-NEtFOSAA	105			25.0-135	%	1	03/19/2026 4:44

Batch Information

Analytical Batch: **XLC3914**
 Analytical Method: **EPA 1633A**
 Instrument: **TQS3**
 Analyst: **AH**
 Analytical Date/Time: **03/19/2026 04:44**

Prep Batch: **HXX5921**
 Prep Method: **EPA 1633 Prep**
 Prep Date/Time: **03/09/2026 13:45**
 Prep Initial Wt./Vol.: **10 mL**
 Prep Extract Vol: **4 mL**

Results of TWP-6

Client Sample ID: **TWP-6**
 Client Project ID: **JE29061X**
 Lab Sample ID: 32600557002-C
 Lab Project ID: 32600557

Collection Date: 02/27/2026 14:02
 Received Date: 03/03/2026 11:50
 Matrix: Water

Results by EPA 1633A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>DL</u>	<u>LOQ/CL</u>	<u>Units</u>	<u>DF</u>	<u>Date Analyzed</u>
PFBA	ND	U	100	320	ng/L	1	03/19/2026 4:59
PFPeA	ND	U	50.0	160	ng/L	1	03/19/2026 4:59
PFHxA	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
PFHpA	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
PFOA	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
PFNA	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
PFDA	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
PFuNA	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
PFDaA	ND	U	50.0	65.0	ng/L	1	03/19/2026 4:59
PFTrDA	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
PFTeDA	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
PFBS	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
PFHxS	ND	U	50.0	90.0	ng/L	1	03/19/2026 4:59
PFHpS	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
PFOS	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
PFDS	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
6:2 FTS	ND	U	100	285	ng/L	1	03/19/2026 4:59
8:2 FTS	ND	U	100	270	ng/L	1	03/19/2026 4:59
PFOSA	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
NMeFOSAA	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
NEtFOSAA	ND	U	50.0	80.0	ng/L	1	03/19/2026 4:59
Surrogates							
13C4-PFBA	109			5.00-130	%	1	03/19/2026 4:59
13C5-PFPeA	111			40.0-130	%	1	03/19/2026 4:59
13C5-PFHxA	110			40.0-130	%	1	03/19/2026 4:59
13C4-PFHpA	108			40.0-130	%	1	03/19/2026 4:59
13C8-PFOA	108			40.0-130	%	1	03/19/2026 4:59
13C9-PFNA	107			40.0-130	%	1	03/19/2026 4:59
13C6-PFDA	111			40.0-130	%	1	03/19/2026 4:59
13C7-PFuNA	116			30.0-130	%	1	03/19/2026 4:59
13C2-PFDaA	100			10.0-130	%	1	03/19/2026 4:59
13C2-PFTeDA	120			10.0-130	%	1	03/19/2026 4:59
13C3-PFBS	105			40.0-135	%	1	03/19/2026 4:59
13C3-PFHxS	107			40.0-130	%	1	03/19/2026 4:59
13C8-PFOS	108			40.0-130	%	1	03/19/2026 4:59
13C2-6:2 FTS	138			40.0-200	%	1	03/19/2026 4:59
13C2-8:2 FTS	115			40.0-300	%	1	03/19/2026 4:59

Results of TWP-6

Client Sample ID: **TWP-6**
 Client Project ID: **JE29061X**
 Lab Sample ID: 32600557002-C
 Lab Project ID: 32600557

Collection Date: 02/27/2026 14:02
 Received Date: 03/03/2026 11:50
 Matrix: Water

Results by EPA 1633A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>DL</u>	<u>LOQ/CL</u>	<u>Units</u>	<u>DF</u>	<u>Date Analyzed</u>
13C8-PFOSA	126			40.0-130	%	1	03/19/2026 4:59
d3-NMeFOSAA	129			40.0-170	%	1	03/19/2026 4:59
d5-NEtFOSAA	135			25.0-135	%	1	03/19/2026 4:59

Batch Information

Analytical Batch: **XLC3914**
 Analytical Method: **EPA 1633A**
 Instrument: **TQS3**
 Analyst: **AH**
 Analytical Date/Time: **03/19/2026 04:59**

Prep Batch: **HXX5921**
 Prep Method: **EPA 1633 Prep**
 Prep Date/Time: **03/09/2026 13:45**
 Prep Initial Wt./Vol.: **10 mL**
 Prep Extract Vol: **4 mL**

Results of TWP-10

Client Sample ID: **TWP-10**
 Client Project ID: **JE29061X**
 Lab Sample ID: 32600557003-C
 Lab Project ID: 32600557

Collection Date: 02/27/2026 15:09
 Received Date: 03/03/2026 11:50
 Matrix: Water

Results by EPA 1633A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>DL</u>	<u>LOQ/CL</u>	<u>Units</u>	<u>DF</u>	<u>Date Analyzed</u>
PFBA	ND	U	90.9	291	ng/L	1	03/19/2026 5:14
PFPeA	ND	U	45.5	145	ng/L	1	03/19/2026 5:14
PFHxA	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
PFHpA	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
PFOA	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
PFNA	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
PFDA	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
PFuNA	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
PFDaA	ND	U	45.5	59.1	ng/L	1	03/19/2026 5:14
PFTrDA	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
PFTeDA	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
PFBS	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
PFHxS	ND	U	45.5	81.8	ng/L	1	03/19/2026 5:14
PFHpS	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
PFOS	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
PFDS	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
6:2 FTS	ND	U	90.9	259	ng/L	1	03/19/2026 5:14
8:2 FTS	ND	U	90.9	245	ng/L	1	03/19/2026 5:14
PFOSA	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
NMeFOSAA	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
NEtFOSAA	ND	U	45.5	72.7	ng/L	1	03/19/2026 5:14
Surrogates							
13C4-PFBA	110			5.00-130	%	1	03/19/2026 5:14
13C5-PFPeA	109			40.0-130	%	1	03/19/2026 5:14
13C5-PFHxA	108			40.0-130	%	1	03/19/2026 5:14
13C4-PFHpA	107			40.0-130	%	1	03/19/2026 5:14
13C8-PFOA	106			40.0-130	%	1	03/19/2026 5:14
13C9-PFNA	109			40.0-130	%	1	03/19/2026 5:14
13C6-PFDA	108			40.0-130	%	1	03/19/2026 5:14
13C7-PFuNA	108			30.0-130	%	1	03/19/2026 5:14
13C2-PFDaA	97.0			10.0-130	%	1	03/19/2026 5:14
13C2-PFTeDA	105			10.0-130	%	1	03/19/2026 5:14
13C3-PFBS	106			40.0-135	%	1	03/19/2026 5:14
13C3-PFHxS	106			40.0-130	%	1	03/19/2026 5:14
13C8-PFOS	107			40.0-130	%	1	03/19/2026 5:14
13C2-6:2 FTS	118			40.0-200	%	1	03/19/2026 5:14
13C2-8:2 FTS	109			40.0-300	%	1	03/19/2026 5:14

Results of TWP-10

Client Sample ID: **TWP-10**
 Client Project ID: **JE29061X**
 Lab Sample ID: 32600557003-C
 Lab Project ID: 32600557

Collection Date: 02/27/2026 15:09
 Received Date: 03/03/2026 11:50
 Matrix: Water

Results by EPA 1633A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>DL</u>	<u>LOQ/CL</u>	<u>Units</u>	<u>DF</u>	<u>Date Analyzed</u>
13C8-PFOSA	126			40.0-130	%	1	03/19/2026 5:14
d3-NMeFOSAA	116			40.0-170	%	1	03/19/2026 5:14
d5-NEtFOSAA	111			25.0-135	%	1	03/19/2026 5:14

Batch Information

Analytical Batch: **XLC3914**
 Analytical Method: **EPA 1633A**
 Instrument: **TQS3**
 Analyst: **AH**
 Analytical Date/Time: **03/19/2026 05:14**

Prep Batch: **HXX5921**
 Prep Method: **EPA 1633 Prep**
 Prep Date/Time: **03/09/2026 13:45**
 Prep Initial Wt./Vol.: **11 mL**
 Prep Extract Vol: **4 mL**



CHAIN OF CUSTODY

32600557

Client / Reporting Information		Project Information		Bottle Order Control #		
Company Name: SGS North America Inc.		Project Name: 14373, Peekskill Phase II, NY		Bottle Order Control # JE29061X		
Street Address: 2235 Route 130		Billing Information (if different from Report to)		SGS Job #		
City Dayton	State NJ	City Dayton	State NJ			
Zip 08810		Street Address				
Project Contact Ioulie.devletter@sgs.com		City				
Phone # 732-329-0200		State				
Fax #		Zip				
Sampler(s) Name(s) FAV		Attention:				
SGS Sample #	Field ID / Point of Collection	Collection	Matrix	# of bottles	Number of preserved bottles	
11X	TWP-5	Date 2/27/26	Time 12:45:00 PM	FAV	AQ	3
12X	TWP-6	Date 2/27/26	Time 2:02:00 PM	FAV	AQ	3
13X	TWP-10	Date 2/27/26	Time 3:09:00 PM	FAV	AQ	3
Turnaround Time (Business days)						
Approved By (SGS PM): / Date:						
☒ Std. 10 Business Days						
☐ 3 Day RUSH						
☐ 3 Day EMERGENCY						
☐ 2 Day EMERGENCY						
☐ 1 Day EMERGENCY						
☐ other						
Emergency & Rush T/A data available via Lablink						
Sample Custody must be documented below each time samples change possession, including courier delivery.						
Relinquished by Sampler: 1 NYSAMT	Date Tin 03/02/26	Relinquished By: 1	Fedex			
Relinquished by Sampler: 3	Date Time 4:35pm	Relinquished By: 3	Fedex			
Relinquished by: 5	Date Time 3/3/26	Relinquished By: 5	11:50			
Sample receipt summary and preliminary invoice required on receipt - email to project manager listed.			Comments / Special Instructions			
1633A method needed. Only report NY 21 analyte list. L2 + L4 report + NYSDEC EDD needed. Please send sample receipt, final report, and invoice to ioulie.devletter@sgs.com			LAB USE ONLY			
Matrix Codes			DW - Drinking Water GW - Ground Water SW - Surface Water SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Trip Blank			



SGS North America Inc.

Sample Receipt Checklist (SRC)

Client: **Accutest-NJ**

Work Order No.: **32600557**

1. ☒ Shipped
☐ Hand Delivered
Notes: FedEx Express Delivery
4873 8091 1824
2. ☒ COC Present on Receipt
☐ No COC
☐ Additional Transmittal Forms
3. ☒ Custody Tape on Container
☐ No Custody Tape
4. ☒ Samples Intact
☐ Samples Broken / Leaking
5. ☒ Chilled on Receipt Actual Temp.(s) in °C: 2.2 Thermometer ID#: IR-5 Probe
☐ Ambient on Receipt
☐ Walk-in on Ice; Coming down to temp.
☒ Temperature Blank Present
☐ WV samples-proxy not allowed
6. ☒ Sufficient Sample Submitted
☐ Insufficient Sample Submitted
7. ☐ Chlorine absent
☐ HNO3 < 2
☐ HCL < 2 NA
☐ TRIZMA
☐ Additional Preservatives verified (see notes)
8. ☒ Received Within Holding Time
☐ Not Received Within Holding Time
9. ☒ No Discrepancies Noted
☐ Discrepancies Noted
☐ NCDENR notified of Discrepancies*
10. ☐ No Headspace present in VOC vials NA
☐ Headspace present in VOC vials >6mm

Comments:

Inspected and Logged in by: CW

Date: 3/3/2026

*NCDENR must be notified when collection, holding time or preservation requirements are not met.
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MI_11.12

32600557

11:50

3/3/26 2.2

ORIGIN ID:ZRPA (732) 329-0200
SAMPLE MANAGEMENT
SGS NORTH AMERICA
2235 US HIGHWAY
ROUTE 130
DAYTON, NJ 08810
UNITED STATES US

SHIP DATE: 02MAR26
ACTWGT: 27.40 LB
CAD: 0655474/CAFE3954

BILL SENDER

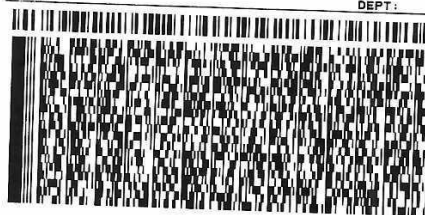
TO **SAMPLE RECEPTION**
SGS - WILMINGTON, NC
5500 BUSINESS DRIVE

WILMINGTON NC 28405

(910) 794-1613
INV:
PO:

REF:

DEPT:



FedEx
Express



1253025042901uv

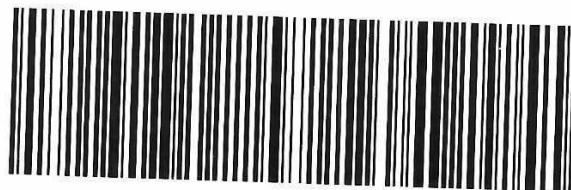
TRK#
0201 4873 8091 1824

TUE - 03 MAR 10:30A
PRIORITY OVERNIGHT

G7 ILMA

28405
NC-US RDU

Part # 156148-434 RRDW2 EXP 10/26



QC Results



Batch Summary

Analytical Method: EPA 1633A

Prep Method: EPA 1633 Prep
Prep Batch: HXX5921
Prep Date: 03/09/2026 13:45

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Analysis Date</u>	<u>Analytical Batch</u>	<u>Instrument</u>	<u>Analyst</u>
MB for HBN 174809 [HXX/5921]	307285	03/19/2026 03:43	XLC3914	TQS3	AH
LCS1 for HBN 174809 [HXX/5921]	307286	03/19/2026 03:59	XLC3914	TQS3	AH
LCS2 for HBN 174809 [HXX/5921]	307287	03/19/2026 04:14	XLC3914	TQS3	AH
TWP-5	32600557001	03/19/2026 04:44	XLC3914	TQS3	AH
TWP-6	32600557002	03/19/2026 04:59	XLC3914	TQS3	AH
TWP-10	32600557003	03/19/2026 05:14	XLC3914	TQS3	AH



Method Blank Summary

Blank ID: MB for HBN 174809 [HXX/5921]
Blank Lab ID: 307285
Prep Batch: HXX5921

Matrix: Water
Analysis Date/Time: 03/19/2026 03:43

Results by EPA 1633A

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Filename</u>	<u>Date Analyzed</u>	<u>Analyst</u>
LCS1 for HBN 174809 [HXX/5921]	307286	TQS3260318C_042.d	03/19/2026 03:59	AH
LCS2 for HBN 174809 [HXX/5921]	307287	TQS3260318C_043.d	03/19/2026 04:14	AH
TWP-5	32600557001	TQS3260318C_045.d	03/19/2026 04:44	AH
TWP-6	32600557002	TQS3260318C_046.d	03/19/2026 04:59	AH
TWP-10	32600557003	TQS3260318C_047.d	03/19/2026 05:14	AH

Method Blank

Blank ID: MB for HBN 174809 [HXX/5921]

Matrix: Water

Blank Lab ID: 307285

QC for Samples:

32600557001, 32600557002, 32600557003

Results by EPA 1633A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>DL</u>	<u>LOQ/CL</u>	<u>Units</u>	<u>DF</u>
PFBA	ND	U	1.96	6.27	ng/L	1
PFPeA	ND	U	0.980	3.14	ng/L	1
PFHxA	ND	U	0.980	1.57	ng/L	1
PFHpA	ND	U	0.980	1.57	ng/L	1
PFOA	ND	U	0.980	1.57	ng/L	1
PFNA	ND	U	0.980	1.57	ng/L	1
PFDA	ND	U	0.980	1.57	ng/L	1
PFuNA	ND	U	0.980	1.57	ng/L	1
PFDaA	ND	U	0.980	1.27	ng/L	1
PFTeDA	ND	U	0.980	1.57	ng/L	1
PFTeDA	ND	U	0.980	1.57	ng/L	1
PFBS	ND	U	0.980	1.57	ng/L	1
PFHxS	ND	U	0.980	1.76	ng/L	1
PFHpS	ND	U	0.980	1.57	ng/L	1
PFOS	ND	U	0.980	1.57	ng/L	1
PFDS	ND	U	0.980	1.57	ng/L	1
6:2 FTS	ND	U	1.96	5.59	ng/L	1
8:2 FTS	ND	U	1.96	5.29	ng/L	1
PFOSA	ND	U	0.980	1.57	ng/L	1
NMeFOSAA	ND	U	0.980	1.57	ng/L	1
NEtFOSAA	ND	U	0.980	1.57	ng/L	1
Surrogates						
13C4-PFBA	107			5.00-130	%	1
13C5-PFPeA	107			40.0-130	%	1
13C5-PFHxA	108			40.0-130	%	1
13C4-PFHpA	104			40.0-130	%	1
13C8-PFOA	104			40.0-130	%	1
13C9-PFNA	107			40.0-130	%	1
13C6-PFDA	106			40.0-130	%	1
13C7-PFuNA	107			30.0-130	%	1
13C2-PFDaA	95.0			10.0-130	%	1
13C2-PFTeDA	95.0			10.0-130	%	1
13C3-PFBS	102			40.0-135	%	1
13C3-PFHxS	106			40.0-130	%	1
13C8-PFOS	103			40.0-130	%	1
13C2-4:2 FTS	113			40.0-200	%	1
13C2-6:2 FTS	111			40.0-200	%	1

Method Blank

Blank ID: MB for HBN 174809 [HXX/5921]

Matrix: Water

Blank Lab ID: 307285

QC for Samples:

32600557001, 32600557002, 32600557003

Results by EPA 1633A

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>DL</u>	<u>LOQ/CL</u>	<u>Units</u>	<u>DF</u>
13C2-8:2 FTS	115			40.0-300	%	1
13C8-PFOSA	105			40.0-130	%	1
d3-N-MeFOSA	49.0			10.0-130	%	1
d5-N-EtFOSA	46.0			10.0-130	%	1
d3-NMeFOSAA	112			40.0-170	%	1
d5-NEtFOSAA	107			25.0-135	%	1
d7-NMeFOSE	68.0			10.0-130	%	1
d9-NEtFOSE	56.0			10.0-130	%	1
13C3-HFPO-DA	104			40.0-130	%	1

Batch Information

Analytical Batch: XLC3914

Analytical Method: EPA 1633A

Instrument: TQS3

Analyst: AH

Analytical Date/Time: 03/19/2026 03:43

Dilution: 1

Prep Batch: HXX5921

Prep Method: EPA 1633 Prep

Prep Date/Time: 03/09/2026 13:45

Prep Initial Wt./Vol.: 510 mL

Prep Extract Vol: 4 mL

QC CheckCode: TQS3260318C_041.d

Blank Spike Summary

Blank Spike ID: LCS1 for HBN 174809 [HXX/5921]

Blank Spike Lab ID: 307286

Date Analyzed: 03/19/2026 03:59

Matrix: Water

QC for Samples: 32600557001, 32600557002, 32600557003

Results by EPA 1633A

Blank Spike (ng/L)

<u>Parameter</u>	<u>Spike</u>	<u>Result</u>	<u>Rec (%)</u>	<u>CL</u>
PFBA	12.7	12.3	97	70.0-140
PFPeA	6.36	5.96	94	65.0-135
PFHxA	3.18	2.92	92	70.0-145
PFHpA	3.18	3.1	97	70.0-150
PFOA	3.18	2.97	93	70.0-150
PFNA	3.18	3.03	95	70.0-150
PFDA	3.18	3.1	97	70.0-140
PFuNA	3.18	2.98	94	70.0-145
PFDaA	2.54	2.45	96	70.0-140
PFTeDA	3.18	3.22	101	65.0-140
PFTeDA	3.18	2.92	92	60.0-140
PFBS	3.18	3.05	96	60.0-145
PFHxS	3.66	3.38	93	65.0-145
PFHpS	3.18	3.13	98	70.0-150
PFOS	3.18	3.21	101	55.0-150
PFDS	3.18	2.66	84	60.0-145
6:2 FTS	11.4	11.4	99	65.0-155
8:2 FTS	10.8	10.4	96	60.0-150
PFOSA	3.18	3.02	95	70.0-145
NMeFOSAA	3.18	2.85	90	50.0-140
NEtFOSAA	3.18	3	94	70.0-145

Surrogates

13C4-PFBA	110	5.00-130
13C5-PFPeA	109	40.0-130
13C5-PFHxA	108	40.0-130
13C4-PFHpA	106	40.0-130
13C8-PFOA	109	40.0-130
13C9-PFNA	105	40.0-130
13C6-PFDA	110	40.0-130
13C7-PFuNA	114	30.0-130
13C2-PFDaA	99	10.0-130
13C2-PFTeDA	104	10.0-130
13C3-PFBS	108	40.0-135
13C3-PFHxS	108	40.0-130
13C8-PFOS	107	40.0-130

Blank Spike Summary

Blank Spike ID: LCS1 for HBN 174809 [HXX/5921]

Blank Spike Lab ID: 307286

Date Analyzed: 03/19/2026 03:59

Matrix: Water

QC for Samples: 32600557001, 32600557002, 32600557003

Results by EPA 1633A

Blank Spike (%)

<u>Parameter</u>	<u>Spike</u>	<u>Result</u>	<u>Rec (%)</u>	<u>CL</u>
13C2-4:2 FTS			118	40.0-200
13C2-6:2 FTS			117	40.0-200
13C2-8:2 FTS			130	40.0-300
13C8-PFOA			114	40.0-130
d3-N-MeFOA			51	10.0-130
d5-N-EtFOA			47	10.0-130
d3-NMeFOSAA			125	40.0-170
d5-NEtFOSAA			117	25.0-135
d7-NMeFOSE			64	10.0-130
d9-NEtFOSE			54	10.0-130
13C3-HFPO-DA			106	40.0-130

Batch InformationAnalytical Batch: **XLC3914**Analytical Method: **EPA 1633A**Instrument: **TQS3**Analyst: **AH**Prep Batch: **HXX5921**Prep Method: **EPA 1633 Prep**Prep Date/Time: **03/09/2026 13:45**Spike Init Wt./Vol.: **503 mL** Extract Vol: **4 mL**

Dupe Init Wt./Vol.: Extract Vol:

Blank Spike Summary

Blank Spike ID: LCS2 for HBN 174809 [HXX/5921]

Blank Spike Lab ID: 307287

Date Analyzed: 03/19/2026 04:14

Matrix: Water

QC for Samples: 32600557001, 32600557002, 32600557003

Results by EPA 1633A**Blank Spike (ng/L)**

<u>Parameter</u>	<u>Spike</u>	<u>Result</u>	<u>Rec (%)</u>	<u>CL</u>
PFBA	39.7	37.3	94	70.0-140
PFPeA	19.8	18.1	91	65.0-135
PFHxA	9.92	9.02	91	70.0-145
PFHpA	9.92	9.69	98	70.0-150
PFOA	9.92	9.27	93	70.0-150
PFNA	9.92	9.41	95	70.0-150
PFDA	9.92	9.11	92	70.0-140
PFuNA	9.92	9.55	96	70.0-145
PFDaA	8.04	8.01	100	70.0-140
PFTeDA	9.92	9.6	97	65.0-140
PFTeDA	9.92	8.91	90	60.0-140
PFBS	9.92	9.6	97	60.0-145
PFHxS	11.4	10.4	91	65.0-145
PFHpS	9.92	9.46	95	70.0-150
PFOS	9.92	9.53	96	55.0-150
PFDS	9.92	7.76	78	60.0-145
6:2 FTS	35.6	35.2	99	65.0-155
8:2 FTS	33.6	32.5	97	60.0-150
PFOSA	9.92	9.27	93	70.0-145
NMeFOSAA	9.92	8.91	90	50.0-140
NEtFOSAA	9.92	9.33	94	70.0-145

Surrogates

13C4-PFBA	112	5.00-130
13C5-PFPeA	112	40.0-130
13C5-PFHxA	113	40.0-130
13C4-PFHpA	109	40.0-130
13C8-PFOA	111	40.0-130
13C9-PFNA	109	40.0-130
13C6-PFDA	113	40.0-130
13C7-PFuNA	107	30.0-130
13C2-PFDaA	87	10.0-130
13C2-PFTeDA	96	10.0-130
13C3-PFBS	111	40.0-135
13C3-PFHxS	113	40.0-130
13C8-PFOS	106	40.0-130

Blank Spike Summary

Blank Spike ID: LCS2 for HBN 174809 [HXX/5921]

Blank Spike Lab ID: 307287

Date Analyzed: 03/19/2026 04:14

Matrix: Water

QC for Samples: 32600557001, 32600557002, 32600557003

Results by EPA 1633A

Blank Spike (%)

<u>Parameter</u>	<u>Spike</u>	<u>Result</u>	<u>Rec (%)</u>	<u>CL</u>
13C2-4:2 FTS			129	40.0-200
13C2-6:2 FTS			143	40.0-200
13C2-8:2 FTS			143	40.0-300
13C8-PFOA			114	40.0-130
d3-N-MeFOA			53	10.0-130
d5-N-EtFOA			50	10.0-130
d3-NMeFOSAA			127	40.0-170
d5-NEtFOSAA			125	25.0-135
d7-NMeFOSE			71	10.0-130
d9-NEtFOSE			60	10.0-130
13C3-HFPO-DA			102	40.0-130

Batch InformationAnalytical Batch: **XLC3914**Analytical Method: **EPA 1633A**Instrument: **TQS3**Analyst: **AH**Prep Batch: **HXX5921**Prep Method: **EPA 1633 Prep**Prep Date/Time: **03/09/2026 13:45**Spike Init Wt./Vol.: **504 mL** Extract Vol: **4 mL**

Dupe Init Wt./Vol.: Extract Vol:

Internal Standard Summary

Analytical Batch: XLC3914_1633
ICAL Batch: XLC3913_ICAL_C_1633

Method: EPA 1633
Analyst: AH
Instrument ID: TQS3

Initial Calibration 13C2-PFDA 13C2PFHxA 13C3-PFBA 13C4-PFOA 13C4-PFOS 13C5-PFNA 0802-PFHxS

Average	135646	271780	419311	430536	51501	176127	43261
Upper Limit (+100%)	271293	543559	838622	861072	103002	352254	86521
Lower Limit (-50%)	67823	135890	209655	215268	25751	88064	21630

Sample	Date/Time																			
IB	3/19/2026 2:28	134378	279036	433263	452255	51304	183987													45811
CCV1	3/19/2026 2:43	134625	278232	430229	457011	53468	183604													45014
CCV2	3/19/2026 2:58	137491	282385	438322	450839	53197	180065													44192
Qualitative ID standa	3/19/2026 3:13	150400	305972	479525	495857	53584	199889													47826
IB	3/19/2026 3:28	138620	283326	443351	462434	51172	186937													44005
307285	3/19/2026 3:43	119851	244885	390023	397437	46668	159234													38964
307286	3/19/2026 3:59	109775	229839	360899	373479	43260	150031													35651
307287	3/19/2026 4:14	110855	221944	347332	368413	42516	145701													33978
Bile Salt check	3/19/2026 4:29	141742	282905	436043	443735	52032	181586													44804
0557_1	3/19/2026 4:44	107549	224510	357626	379174	41834	147125													35719
0557_2	3/19/2026 4:59	105649	217555	340387	366330	40935	141771													34579
0557_3	3/19/2026 5:14	117278	241752	371933	405422	45228	155368													37886
307302	3/19/2026 5:29	132597	269181	417866	448995	50959	173170													43103
307303	3/19/2026 5:44	123691	255877	394345	411901	46899	165501													38981
307304	3/19/2026 5:59	136811	273580	428178	458086	52095	176613													43715
0618_1	3/19/2026 11:10	147229	287586	422592	485718	55672	187618													44376
0665_1	3/19/2026 11:25	130903	260787	381334	438990	50964	175251													41832
CCV2	3/19/2026 11:40	137967	283232	435068	466270	53080	190058													44888
307425	3/19/2026 11:55	128942	267962	409964	438123	49439	172220													41560
307426	3/19/2026 12:14	142337	284183	436958	466655	54493	183102													44619
307427	3/19/2026 12:29	147024	296347	459031	486151	58477	192189													46205

0619_1	3/19/2026 12:44	146222	300465	456675	496228	55374	192160	46809
307463	3/19/2026 12:59	121847	243538	375116	405373	47885	159076	38147
307464	3/19/2026 13:14	118993	237489	361619	395701	45906	151995	37177
307465	3/19/2026 13:29	120063	247480	372028	399619	45499	155503	38224
0698_3	3/19/2026 14:08	117499	225821	353402	381127	48242	153002	37705
0698_4	3/19/2026 14:23	134129	265292	377586	431299	51882	180143	40240
CCV2	3/19/2026 14:38	137254	280795	432556	466644	52179	183257	44018
IB	3/19/2026 14:53	140344	286365	443433	473569	51513	192410	45247

Surrogate Summary

Analytical Method: EPA 1633A
Work Order: 32600557
Matrix: Water

Analytical Batch: XLC3914

Results by EPA 1633A

<u>Samples</u>	<u>Surrogates</u>	<u>CL</u>	<u>Rec(%)</u>
307285	13C2-4:2 FTS	40.0-200	113
	13C2-6:2 FTS	40.0-200	111
	13C2-8:2 FTS	40.0-300	115
	13C2-PFDoA	10.0-130	95.0
	13C2-PFTeDA	10.0-130	95.0
	13C3-HFPO-DA	40.0-130	104
	13C3-PFBS	40.0-135	102
	13C3-PFHxS	40.0-130	106
	13C4-PFBA	5.00-130	107
	13C4-PFHpA	40.0-130	104
	13C5-PFHxA	40.0-130	108
	13C5-PFPeA	40.0-130	107
	13C6-PFDA	40.0-130	106
	13C7-PFuNA	30.0-130	107
	13C8-PFOA	40.0-130	104
	13C8-PFOS	40.0-130	103
	13C8-PFOSA	40.0-130	105
	13C9-PFNA	40.0-130	107
	d3-N-MeFOSA	10.0-130	49.0
	d3-NMeFOSAA	40.0-170	112
	d5-N-EtFOSA	10.0-130	46.0
	d5-NEtFOSAA	25.0-135	107
	d7-NMeFOSE	10.0-130	68.0
	d9-NEtFOSE	10.0-130	56.0
307286	13C2-4:2 FTS	40.0-200	118
	13C2-6:2 FTS	40.0-200	117

Surrogate Summary

Analytical Method: EPA 1633A

Analytical Batch: XLC3914

Work Order: 32600557

Matrix: Water

Results by EPA 1633A

<u>Samples</u>	<u>Surrogates</u>	<u>CL</u>	<u>Rec(%)</u>
307286	13C2-8:2 FTS	40.0-300	130
	13C2-PFDoA	10.0-130	99.0
	13C2-PFTeDA	10.0-130	104
	13C3-HFPO-DA	40.0-130	106
	13C3-PFBS	40.0-135	108
	13C3-PFHxS	40.0-130	108
	13C4-PFBA	5.00-130	110
	13C4-PFHpA	40.0-130	106
	13C5-PFHxA	40.0-130	108
	13C5-PFPeA	40.0-130	109
	13C6-PFDA	40.0-130	110
	13C7-PFuNA	30.0-130	114
	13C8-PFOA	40.0-130	109
	13C8-PFOS	40.0-130	107
	13C8-PFOSA	40.0-130	114
	13C9-PFNA	40.0-130	105
	d3-N-MeFOSA	10.0-130	51.0
	d3-NMeFOSAA	40.0-170	125
	d5-N-EtFOSA	10.0-130	47.0
	d5-NEtFOSAA	25.0-135	117
	d7-NMeFOSE	10.0-130	64.0
	d9-NEtFOSE	10.0-130	54.0
307287	13C2-4:2 FTS	40.0-200	129
	13C2-6:2 FTS	40.0-200	143
	13C2-8:2 FTS	40.0-300	143
	13C2-PFDoA	10.0-130	87.0

Surrogate Summary

Analytical Method: EPA 1633A
Work Order: 32600557
Matrix: Water

Analytical Batch: XLC3914

Results by EPA 1633A

<u>Samples</u>	<u>Surrogates</u>	<u>CL</u>	<u>Rec(%)</u>
307287	13C2-PFTeDA	10.0-130	96.0
	13C3-HFPO-DA	40.0-130	102
	13C3-PFBS	40.0-135	111
	13C3-PFHxS	40.0-130	113
	13C4-PFBA	5.00-130	112
	13C4-PFHpA	40.0-130	109
	13C5-PFHxA	40.0-130	113
	13C5-PFPeA	40.0-130	112
	13C6-PFDA	40.0-130	113
	13C7-PFuNA	30.0-130	107
	13C8-PFOA	40.0-130	111
	13C8-PFOS	40.0-130	106
	13C8-PFOSA	40.0-130	114
	13C9-PFNA	40.0-130	109
	d3-N-MeFOSA	10.0-130	53.0
	d3-NMeFOSAA	40.0-170	127
	d5-N-EtFOSA	10.0-130	50.0
	d5-NEtFOSAA	25.0-135	125
	d7-NMeFOSE	10.0-130	71.0
	d9-NEtFOSE	10.0-130	60.0
32600557001	13C2-6:2 FTS	40.0-200	112
	13C2-8:2 FTS	40.0-300	115
	13C2-PFDoA	10.0-130	94.0
	13C2-PFTeDA	10.0-130	108
	13C3-PFBS	40.0-135	106
	13C3-PFHxS	40.0-130	111

Surrogate Summary

Analytical Method: EPA 1633A
Work Order: 32600557
Matrix: Water

Analytical Batch: XLC3914

Results by EPA 1633A

<u>Samples</u>	<u>Surrogates</u>	<u>CL</u>	<u>Rec(%)</u>
32600557001	13C4-PFBA	5.00-130	112
	13C4-PFHpA	40.0-130	109
	13C5-PFHxA	40.0-130	110
	13C5-PFPeA	40.0-130	112
	13C6-PFDA	40.0-130	112
	13C7-PFuNA	30.0-130	110
	13C8-PFOA	40.0-130	107
	13C8-PFOS	40.0-130	111
	13C8-PFOSA	40.0-130	122
	13C9-PFNA	40.0-130	107
	d3-NMeFOSAA	40.0-170	112
	d5-NEtFOSAA	25.0-135	105
32600557002	13C2-6:2 FTS	40.0-200	138
	13C2-8:2 FTS	40.0-300	115
	13C2-PFDoA	10.0-130	100
	13C2-PFTeDA	10.0-130	120
	13C3-PFBS	40.0-135	105
	13C3-PFHxS	40.0-130	107
	13C4-PFBA	5.00-130	109
	13C4-PFHpA	40.0-130	108
	13C5-PFHxA	40.0-130	110
	13C5-PFPeA	40.0-130	111
	13C6-PFDA	40.0-130	111
	13C7-PFuNA	30.0-130	116
	13C8-PFOA	40.0-130	108
	13C8-PFOS	40.0-130	108

Surrogate Summary

Analytical Method: EPA 1633A
Work Order: 32600557
Matrix: Water

Analytical Batch: XLC3914

Results by EPA 1633A

<u>Samples</u>	<u>Surrogates</u>	<u>CL</u>	<u>Rec(%)</u>
32600557002	13C8-PFOSA	40.0-130	126
	13C9-PFNA	40.0-130	107
	d3-NMeFOSAA	40.0-170	129
	d5-NEtFOSAA	25.0-135	135
32600557003	13C2-6:2 FTS	40.0-200	118
	13C2-8:2 FTS	40.0-300	109
	13C2-PFDoA	10.0-130	97.0
	13C2-PFTeDA	10.0-130	105
	13C3-PFBS	40.0-135	106
	13C3-PFHxS	40.0-130	106
	13C4-PFBA	5.00-130	110
	13C4-PFHpA	40.0-130	107
	13C5-PFHxA	40.0-130	108
	13C5-PFPeA	40.0-130	109
	13C6-PFDA	40.0-130	108
	13C7-PFuNA	30.0-130	108
	13C8-PFOA	40.0-130	106
	13C8-PFOS	40.0-130	107
	13C8-PFOSA	40.0-130	126
	13C9-PFNA	40.0-130	109
	d3-NMeFOSAA	40.0-170	116
	d5-NEtFOSAA	25.0-135	111

EPA 1633A

Initial Calibration Summary

Initial Calibration Report

Method Path D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026
Method File XLC3913_ICAL_1633_DATA_ANALYSIS.m
Batch Name D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\QuantResults\XLC3913_ICAL_C_1633.batch.bin
Last Calib Update 3/19/2026 4:03:24 PM

Calibration Files

Level Name	Acq. Date-Time	Level Last Update Time
2	D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\TQ53260318C_021.d	3/19/2026 4:03:24 PM
3	D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\TQ53260318C_022.d	3/19/2026 4:03:24 PM
4	D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\TQ53260318C_023.d	3/19/2026 4:03:24 PM
5	D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\TQ53260318C_024.d	3/19/2026 4:03:24 PM
6	D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\TQ53260318C_025.d	3/19/2026 4:03:24 PM
7	D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\TQ53260318C_026.d	3/19/2026 4:03:24 PM
8	D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\TQ53260318C_027.d	3/19/2026 4:03:24 PM
9	D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\TQ53260318C_028.d	3/19/2026 4:03:24 PM

Compound	Curve Fit	3	4	5	6	7	8	9	Avg RF	%RSD
T TDCA	Linear									
I 13C2-PFDA										
S 13C6-PFDA	Avg RF	0.9180	0.9065	0.8858	0.8979	0.8927	0.8967	0.8503	0.8895	2.453
S 13C7-PFUnDA	Avg RF	1.3078	1.2667	1.2859	1.2363	1.2683	1.2386	1.1682	1.2490	3.466
S 13C2-PFDoDA	Avg RF	1.1397	1.0816	1.1113	1.0954	1.1112	1.1393	1.1720	1.1256	2.734
S 13C2-PFTeDA	Avg RF	0.4472	0.4322	0.4267	0.4310	0.4485	0.4585	0.4740	0.4460	3.549
I 13C2-PFHxA										
S 13C5-PFPeA	Avg RF	0.8180	0.8107	0.8031	0.8119	0.8140	0.8186	0.8243	0.8136	0.813
S 13C5-PFHxA	Avg RF	1.1475	1.1334	1.1431	1.1085	1.1241	1.1438	1.1329	1.1324	1.132
S 13C3-HFO-DA	Avg RF	0.3233	0.3237	0.2967	0.3158	0.3176	0.3100	0.2880	0.3111	4.067
S 13C4-PFHpA	Avg RF	1.0006	1.0141	0.9744	0.9924	0.9992	1.0010	1.0320	1.0025	1.654
I 13C3-PFBA										
S 13C4-PFBA	Avg RF	1.1825	1.1804	1.1837	1.1737	1.1830	1.1833	1.1800	1.1807	0.278
I 13C4-PFOA										
S 13C8-PFOA	Avg RF	0.9335	0.9091	0.9232	0.9203	0.9316	0.9404	0.9261	0.9259	1.025
I 13C4-PFOS										
S d3-MeFOSAA	Avg RF	1.0104	0.9387	0.9647	1.0074	0.9983	0.9843	0.9761	0.9873	2.715
S 13C8-PFOS	Avg RF	1.1887	1.1584	1.1857	1.1859	1.1878	1.1888	1.1387	1.1742	1.639
S d5-EtFOSAA	Avg RF	0.7643	0.7081	0.7563	0.7589	0.7737	0.7448	0.7922	0.7590	3.286
S 13C8-FOSA	Avg RF	2.2312	2.0431	2.0707	2.0644	2.0972	1.9741	1.9699	2.0047	9.348
S d7-MeFOSE	Avg RF	0.6575	0.6474	0.6586	0.6687	0.6932	0.6355	0.5776	0.6509	5.245
S d3-MeFOSA	Avg RF	1.1086	1.0490	1.0942	1.1460	1.1598	1.0699	1.1720	1.1199	4.114
S d9-EtFOSE	Avg RF	0.7887	0.7233	0.8271	0.7644	0.8581	0.7918	0.7011	0.7856	6.885
S d5-EtFOSA	Avg RF	1.0008	0.9792	0.9563	1.0281	1.0504	0.9807	0.9455	0.9939	3.573
I 13C5-PFNA										
S 13C9-PFNA	Avg RF	1.0050	0.9640	0.9900	0.9894	0.9476	1.0090	0.9788	0.9845	2.087

Initial Calibration Report

Compound	Curve Fit	2	3	4	5	6	7	8	9	Avg RF	%RSD
I 18O2-PFHxS						ISTD					
S 13C2-4:2FTS	Avg RF	0.1474	0.1481	0.1466	0.1371	0.1352	0.1270	0.1077		0.1356	10.737
S 13C3-PFBS	Avg RF	2.2176	2.1826	2.1814	2.1383	2.2196	2.2405	2.2353	2.2425	2.2072	1.663
S 13C2-6:2FTS	Avg RF	0.2284	0.2271	0.2287	0.2159	0.2094	0.1956	0.1769		0.2117	9.244
S 13C3-PFHxS	Avg RF	1.6428	1.6643	1.6733	1.6399	1.6556	1.6971	1.6344	1.6551	1.6578	1.234
S 13C2-8:2FTS	Avg RF	0.2468	0.2521	0.2435	0.2202	0.2241	0.2285	0.1978		0.2304	8.164
I M2-4:2FTS						ISTD					
T 4:2FTS	Avg RF	8.6286	8.4139	8.9201	9.2046	9.0214	9.4998	8.7555		8.9206	4.082
I M2-6:2FTS						ISTD					
T 6:2FTS	Avg RF	5.8223	6.1267	5.9627	6.0988	6.4978	6.6787	5.9625		6.1642	5.043
I M2-8:2FTS						ISTD					
T 8:2FTS	Avg RF	5.3241	5.5109	5.5036	5.8294	6.1291	5.7822	5.3470		5.6323	5.206
I M2-PFDoDA						ISTD					
T PFDoDA	Avg RF	0.8567	0.9072	0.8928	0.9119	0.9475	0.9509	0.8960	0.9543	0.9147	3.745
T PFTeDA	Avg RF	0.6996	0.6630	0.7034	0.7078	0.7319	0.7161	0.7074	0.7224	0.7065	2.904
I M2-PFTeDA						ISTD					
T PFTeDA	Avg RF	1.5799	1.5725	1.6192	1.6966	1.7469	1.7345	1.6320	1.6925	1.6593	4.076
I M3-HFOPO-DA						ISTD					
T HFPO-DA	Avg RF	0.8367	0.8662	0.9754	0.9254	0.9442	0.9618	0.9197	0.8770	0.9133	5.357
T ADONA	Avg RF	6.5118	6.8014	7.5055	7.1751	7.1768	7.4167	7.7797	6.7023	7.1337	6.093
T 9Cl-PF3ONS	Avg RF	2.4248	2.4132	2.7001	2.5427	2.6457	2.5987	2.5879	2.5225	2.5544	3.929
T 11Cl-PF3OUdS	Avg RF	1.9510	2.0333	2.3354	2.1922	2.1875	2.1750	2.2275	2.2183	2.1650	5.529
I M3-MeFOSA						ISTD					
T MeFOSA	Avg RF	0.7952	0.8472	0.8250	0.8165	0.8574	0.8658	0.8263	0.8477	0.8351	2.814
I M3-MeFOSAA						ISTD					
T MeFOSAA	Avg RF	0.8566	0.8704	0.9572	0.8906	0.9377	0.9359	0.9593	0.9852	0.9241	5.001
I M3-PFBS						ISTD					
T PFBS	Avg RF	0.8666	0.8931	0.9118	0.9191	0.9170	0.9346	0.9014	0.9404	0.9105	2.594
I M3-PFHxS						ISTD					
T PFPeS	Avg RF	0.9869	1.0497	1.0491	1.0770	1.0971	1.1053	1.1398	1.1856	1.0863	5.597
T PFHxS	Avg RF	0.8512	0.7898	0.7734	0.7811	0.8067	0.7974	0.7745	0.7943	0.7960	3.148
I M4-PFBA						ISTD					
T PFBA	Avg RF	0.2208	0.2192	0.2250	0.2269	0.2295	0.2325	0.2243	0.2400	0.2273	2.952
T PFMPA	Avg RF	0.4759	0.4804	0.5000	0.5041	0.5153	0.5164	0.5282	0.6311	0.5189	9.386
I M4-PFHpA						ISTD					
T PFHpA	Avg RF	1.8147	1.8021	1.9252	1.9035	1.9132	1.9449	1.8687	2.1417	1.9143	5.496

Initial Calibration Report

Compound	Curve Fit	2	3	4	5	6	7	8	9	Avg RF	%RSD
I M5-EFOSA											
T EFOSA	Avg RF	0.8996	0.9268	0.9658	0.9723	0.9821	1.0286	0.9950	1.0609	0.9789	5.278
I M5-EFOSAA											
T EFOSAA	Avg RF	0.7896	0.7267	0.8100	0.8037	0.8174	0.8255	0.8681	0.8791	0.8150	5.800
I M5-PFHxA											
T NFDHA	Avg RF	0.0904	0.0955	0.0911	0.0992	0.0986	0.0988	0.1006	0.0958	0.0962	3.959
T PFHxA	Avg RF	1.5729	1.4316	1.3568	1.4025	1.4017	1.3776	1.3540	1.4756	1.4216	5.140
T PFESA	Avg RF	0.8632	0.9311	0.9365	0.9773	0.9811	0.9778	0.9883	1.1232	0.9723	7.582
T 5:3 FTCA	Avg RF	0.1085	0.1135	0.1190	0.1221	0.1244	0.1220	0.1284	0.1424	0.1226	8.303
T 7:3 FTCA	Avg RF	0.0462	0.0502	0.0521	0.0551	0.0562	0.0558	0.0549	0.0607	0.0539	8.116
I M5-PFPeA											
T 3:3 FTCA	Avg RF	0.0431	0.0452	0.0458	0.0466	0.0464	0.0483	0.0501	0.0595	0.0481	10.474
T PFPeA	Avg RF	1.1703	1.1816	1.1972	1.1986	1.2156	1.2167	1.1851	1.3188	1.2105	3.849
T PFMBa	Avg RF	0.5827	0.5942	0.6198	0.6288	0.6315	0.6373	0.6390	0.7526	0.6358	8.091
I M6-PFDA											
T PFDA	Avg RF	1.0414	1.1052	1.1166	1.1483	1.1423	1.1614	1.1278	1.2154	1.1323	4.399
I M7-MeFOSE											
T MeFOSE	Avg RF	0.9416	0.9918	1.0046	1.0128	1.0124	1.0108	0.9439	0.9706	0.9861	3.064
I M7-PFUnDA											
T PFUnDA	Avg RF	0.7447	0.7870	0.8339	0.8060	0.8446	0.8398	0.8293	0.9063	0.8240	5.721
I M8-FOSA											
T FOSA	Avg RF	0.8848	0.9082	0.9330	0.9473	0.9469	0.9514	0.9244	1.0389	0.9419	4.804
I M8-PFOA											
T PFOA	Avg RF	1.1701	1.1163	1.1350	1.1770	1.1679	1.1717	1.1510	1.2628	1.1690	3.704
I M8-PFOS											
T PFHpS	Avg RF	1.1150	1.1099	1.1456	1.2007	1.2023	1.1677	1.2748	1.2307	1.1808	4.849
T PFOS	Avg RF	0.9971	1.0406	1.0496	1.0191	1.0754	1.0457	1.0592	1.1218	1.0511	3.548
T PFNS	Avg RF	0.7659	0.7237	0.7509	0.7746	0.7789	0.7567	0.8352	0.8359	0.7777	5.077
T PFDS	Avg RF	0.5169	0.5691	0.5288	0.5556	0.5652	0.5451	0.5864	0.6089	0.5595	5.346
T PFDoDS	Avg RF	0.3373	0.3106	0.3269	0.3386	0.3478	0.3421	0.3732	0.4005	0.3471	8.055
I M9-EtFOSE											
T EtFOSE	Avg RF	0.8165	0.8773	0.8478	0.8742	0.8497	0.9066	0.8360	0.8877	0.8620	3.435
I M9-PFNA											
T PFNA	Avg RF	0.9584	1.0134	1.0523	1.0726	1.0964	1.1044	1.0528	1.1921	1.0678	6.434

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

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Generated at 4:05 PM on 3/19/2026

EPA 1633A

Continuing Calibration

Summary

Continuing Calibration

Analytical Batch: XLC3914
 Instrument: TQS3
 Filename: TQS3260318C_037.d

QCID: CCV1

Date Analyzed: 3/19/2026 2:43:34AM

Analyst: AH

Units: ng/mL

EPA 1633A

Parameter	Spike	Result	Rec (%)	CL
PFBA	0.80	0.79	98.0	70.00-130.00
PFPeA	0.40	0.38	95.0	70.00-130.00
PFHxA	0.20	0.20	98.0	70.00-130.00
PFHpA	0.20	0.19	97.0	70.00-130.00
PFOA	0.20	0.20	99.0	70.00-130.00
PFNA	0.20	0.19	94.0	70.00-130.00
PFDA	0.20	0.19	93.0	70.00-130.00
PFuNA	0.20	0.18	91.0	70.00-130.00
PFDaA	0.16	0.16	98.0	70.00-130.00
PFTTrDA	0.20	0.21	104	70.00-130.00
PFTeDA	0.20	0.19	94.0	70.00-130.00
PFBS	0.20	0.19	97.0	70.00-130.00
PFPeS	0.20	0.18	91.0	70.00-130.00
PFHxS	0.23	0.22	96.0	70.00-130.00
PFHpS	0.20	0.19	97.0	70.00-130.00
PFOS	0.20	0.19	96.0	70.00-130.00
PFNS	0.20	0.18	92.0	70.00-130.00
PFDS	0.20	0.18	90.0	70.00-130.00
PFDaS	0.20	0.18	87.0	70.00-130.00
4:2 FTS	0.80	0.80	100	70.00-130.00
6:2 FTS	0.72	0.72	100	70.00-130.00
8:2 FTS	0.68	0.66	96.0	70.00-130.00
PFOSA	0.20	0.19	97.0	70.00-130.00
NMeFOSA	0.20	0.19	95.0	70.00-130.00
N-EtFOSA	0.56	0.53	94.0	70.00-130.00
NMeFOSAA	0.20	0.20	98.0	70.00-130.00
NEtFOSAA	0.20	0.21	102	70.00-130.00
NMeFOSE	2.00	2.04	102	70.00-130.00
NEtFOSE	2.00	1.92	96.0	70.00-130.00
HFPO-DA (GenX)	0.80	0.87	109	70.00-130.00
ADONA	0.80	0.82	103	70.00-130.00
NFDHA	0.40	0.40	99.0	70.00-130.00
PFMPA	0.40	0.37	93.0	70.00-130.00
PFMBA	0.20	0.18	92.0	70.00-130.00
9CI-PF3ONS	0.80	0.81	101	70.00-130.00
11CI-PF3OUdS	0.80	0.85	106	70.00-130.00
PFEESA	0.20	0.19	94.0	70.00-130.00
3:3 FTCA	0.80	0.73	92.0	70.00-130.00
5:3 FTCA	5.00	4.68	94.0	70.00-130.00
7:3 FTCA	5.00	4.73	95.0	70.00-130.00
13C4-PFBA	10.00	10.00	100	70.00-130.00
13C5-PFPeA	5.00	5.00	100	70.00-130.00
13C5-PFHxA	2.50	2.52	101	70.00-130.00
13C4-PFHpA	2.50	2.47	99.0	70.00-130.00
13C8-PFOA	2.50	2.51	100	70.00-130.00

Continuing Calibration

Analytical Batch: XLC3914
Instrument: TQS3
Filename: TQS3260318C_037.d

QCID: CCV1
Date Analyzed: 3/19/2026 2:43:34AM
Analyst: AH
Units: ng/mL

EPA 1633A

<u>Parameter</u>	<u>Spike</u>	<u>Result</u>	<u>Rec (%)</u>	<u>CL</u>
13C9-PFNA	1.25	1.23	99.0	70.00-130.00
13C6-PFDA	1.25	1.29	103	70.00-130.00
13C7-PFuNA	1.25	1.32	106	70.00-130.00
13C2-PFDoA	1.25	1.26	101	70.00-130.00
13C2-PFTeDA	1.25	1.30	104	70.00-130.00
13C3-PFBS	2.50	2.42	97.0	70.00-130.00
13C3-PFHxS	2.50	2.55	102	70.00-130.00
13C8-PFOS	2.51	2.54	101	70.00-130.00
13C2-4:2 FTS	5.04	5.31	105	70.00-130.00

Continuing Calibration

Analytical Batch: XLC3914
Instrument: TQS3
Filename: TQS3260318C_038.d

QCID: CCV2

Date Analyzed: 3/19/2026 2:58:40AM

Analyst: AH

Units: ng/mL

EPA 1633A

Parameter	Spike	Result	Rec (%)	CL
PFBA	5.00	4.98	100	70.00-130.00
PFPeA	2.50	2.45	98.0	70.00-130.00
PFHxA	1.25	1.21	96.0	70.00-130.00
PFHpA	1.25	1.23	99.0	70.00-130.00
PFOA	1.25	1.25	100	70.00-130.00
PFNA	1.25	1.27	101	70.00-130.00
PFDA	1.25	1.28	103	70.00-130.00
PFuNA	1.25	1.29	104	70.00-130.00
PFDaA	1.01	1.02	101	70.00-130.00
PFTTrDA	1.25	1.30	104	70.00-130.00
PFTeDA	1.25	1.36	109	70.00-130.00
PFBS	1.25	1.23	99.0	70.00-130.00
PFPeS	1.25	1.23	98.0	70.00-130.00
PFHxS	1.44	1.37	95.0	70.00-130.00
PFHpS	1.25	1.28	103	70.00-130.00
PFOS	1.25	1.25	100	70.00-130.00
PFNS	1.25	1.22	97.0	70.00-130.00
PFDS	1.25	1.22	98.0	70.00-130.00
PFDoS	1.25	1.26	101	70.00-130.00
4:2 FTS	5.00	5.08	102	70.00-130.00
6:2 FTS	4.49	4.70	105	70.00-130.00
8:2 FTS	4.24	4.32	102	70.00-130.00
PFOSA	1.25	1.27	101	70.00-130.00
NMeFOSA	1.25	1.28	102	70.00-130.00
N-EtFOSA	3.50	3.51	100	70.00-130.00
NMeFOSAA	1.25	1.25	100	70.00-130.00
NEtFOSAA	1.25	1.24	99.0	70.00-130.00
NMeFOSE	12.50	12.50	100	70.00-130.00
NEtFOSE	12.50	12.60	101	70.00-130.00
HFPO-DA (GenX)	5.00	5.32	106	70.00-130.00
ADONA	5.00	5.46	109	70.00-130.00
NFDHA	2.50	2.49	100	70.00-130.00
PFMPA	2.50	2.41	96.0	70.00-130.00
PFMBA	1.25	1.20	96.0	70.00-130.00
9CI-PF3ONS	5.00	5.36	107	70.00-130.00
11CI-PF3OUdS	5.00	5.46	109	70.00-130.00
PFEESA	1.25	1.21	97.0	70.00-130.00
3:3 FTCA	5.00	4.88	98.0	70.00-130.00
5:3 FTCA	31.30	31.30	100	70.00-130.00
7:3 FTCA	31.30	31.90	102	70.00-130.00
13C4-PFBA	10.00	9.86	99.0	70.00-130.00
13C5-PFPeA	5.00	4.89	98.0	70.00-130.00
13C5-PFHxA	2.50	2.45	98.0	70.00-130.00
13C4-PFHpA	2.50	2.50	100	70.00-130.00
13C8-PFOA	2.50	2.45	98.0	70.00-130.00

Continuing Calibration

Analytical Batch: XLC3914
Instrument: TQS3
Filename: TQS3260318C_038.d

QCID: CCV2
Date Analyzed: 3/19/2026 2:58:40AM
Analyst: AH
Units: ng/mL

EPA 1633A

<u>Parameter</u>	<u>Spike</u>	<u>Result</u>	<u>Rec (%)</u>	<u>CL</u>
13C9-PFNA	1.25	1.28	103	70.00-130.00
13C6-PFDA	1.25	1.28	103	70.00-130.00
13C7-PFuNA	1.25	1.30	104	70.00-130.00
13C2-PFDoA	1.25	1.28	102	70.00-130.00
13C2-PFTeDA	1.25	1.21	97.0	70.00-130.00
13C3-PFBS	2.50	2.49	99.0	70.00-130.00
13C3-PFHxS	2.50	2.53	101	70.00-130.00
13C8-PFOS	2.51	2.41	96.0	70.00-130.00
13C2-4:2 FTS	5.04	5.24	104	70.00-130.00

Continuing Calibration

Analytical Batch: XLC3914
Instrument: TQS3
Filename: TQS3260318C_053.d

QCID: CCV2
Date Analyzed: 3/19/2026 11:40:44AM
Analyst: AH
Units: ng/mL

EPA 1633A

Parameter	Spike	Result	Rec (%)	CL
PFBA	5.00	5.05	101	70.00-130.00
PFPeA	2.50	2.42	97.0	70.00-130.00
PFHxA	1.25	1.20	96.0	70.00-130.00
PFHpA	1.25	1.28	102	70.00-130.00
PFOA	1.25	1.23	98.0	70.00-130.00
PFNA	1.25	1.26	101	70.00-130.00
PFDA	1.25	1.29	103	70.00-130.00
PFuNA	1.25	1.30	104	70.00-130.00
PFDaA	1.01	1.04	103	70.00-130.00
PFTrDA	1.25	1.40	112	70.00-130.00
PFTeDA	1.25	1.29	103	70.00-130.00
PFBS	1.25	1.25	100	70.00-130.00
PFPeS	1.25	1.20	96.0	70.00-130.00
PFHxS	1.44	1.40	97.0	70.00-130.00
PFHpS	1.25	1.26	101	70.00-130.00
PFOS	1.25	1.19	96.0	70.00-130.00
PFNS	1.25	1.23	98.0	70.00-130.00
PFDS	1.25	1.24	99.0	70.00-130.00
PFDoS	1.25	1.25	100	70.00-130.00
4:2 FTS	5.00	5.31	106	70.00-130.00
6:2 FTS	4.49	4.69	104	70.00-130.00
8:2 FTS	4.24	4.34	102	70.00-130.00
PFOSA	1.25	1.27	101	70.00-130.00
NMeFOSA	1.25	1.25	100	70.00-130.00
N-EtFOSA	3.50	3.47	99.0	70.00-130.00
NMeFOSAA	1.25	1.17	94.0	70.00-130.00
NEtFOSAA	1.25	1.19	95.0	70.00-130.00
NMeFOSE	12.50	12.90	103	70.00-130.00
NEtFOSE	12.50	12.40	99.0	70.00-130.00
HFPO-DA (GenX)	5.00	5.47	109	70.00-130.00
ADONA	5.00	5.69	114	70.00-130.00
NFDHA	2.50	2.50	100	70.00-130.00
PFMPA	2.50	2.42	97.0	70.00-130.00
PFMBA	1.25	1.18	95.0	70.00-130.00
9CI-PF3ONS	5.00	5.54	111	70.00-130.00
11CI-PF3OUdS	5.00	5.78	116	70.00-130.00
PFEESA	1.25	1.18	94.0	70.00-130.00
3:3 FTCA	5.00	4.84	97.0	70.00-130.00
5:3 FTCA	31.30	31.40	100	70.00-130.00
7:3 FTCA	31.30	31.90	102	70.00-130.00
13C4-PFBA	10.00	9.91	99.0	70.00-130.00
13C5-PFPeA	5.00	4.93	99.0	70.00-130.00
13C5-PFHxA	2.50	2.47	99.0	70.00-130.00
13C4-PFHpA	2.50	2.45	98.0	70.00-130.00
13C8-PFOA	2.50	2.50	100	70.00-130.00

Continuing Calibration

Analytical Batch: XLC3914
Instrument: TQS3
Filename: TQS3260318C_053.d

QCID: CCV2
Date Analyzed: 3/19/2026 11:40:44AM
Analyst: AH
Units: ng/mL

EPA 1633A

Parameter	Spike	Result	Rec (%)	CL
13C9-PFNA	1.25	1.21	97.0	70.00-130.00
13C6-PFDA	1.25	1.24	99.0	70.00-130.00
13C7-PFuNA	1.25	1.26	101	70.00-130.00
13C2-PFDoA	1.25	1.24	99.0	70.00-130.00
13C2-PFTeDA	1.25	1.31	105	70.00-130.00
13C3-PFBS	2.50	2.44	97.0	70.00-130.00
13C3-PFHxS	2.50	2.52	101	70.00-130.00
13C8-PFOS	2.51	2.44	97.0	70.00-130.00
13C2-4:2 FTS	5.04	4.97	99.0	70.00-130.00

EPA 1633A

Sample Raw Data

Data File : TQS3260318C_045.d
 Operator
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 4:44:19 AM
 Sample Name : 0557_1
 Vial : P3-C4
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3914_1633.batch.bin
 Sample Information :

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Internal Standards					
13C2-PFDA	8.385	515.1 -> 470.1	107549	1.25 ng/ml	0.000
13C2-PFHxA	5.870	315.1 -> 270.0	224510	2.50 ng/ml	0.008
13C3-PFBA	3.190	216.0 -> 172.0	357626	5.00 ng/ml	0.016
13C4-PFOA	7.369	417.1 -> 372.0	379174	2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	41834	2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	147125	1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	35719	2.50 ng/ml	0.002
M2-4:2FTS	5.520	329.1 -> 80.9	11403	5.00 ng/ml	0.011
M2-6:2FTS	7.130	429.1 -> 80.9	16881	5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	18960	5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	113591	1.25 ng/ml	0.003
M2-PFTeDA	9.988	715.2 -> 670.0	51587	1.25 ng/ml	-0.009
M3-HFPO-DA	6.235	286.9 -> 168.9	296446	10.00 ng/ml	0.000
M3-MeFOSA	10.830	515.0 -> 219.0	30498	2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	92597	5.00 ng/ml	-0.004
M3-PFBS	5.848	302.1 -> 79.9	83452	2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	65938	2.50 ng/ml	0.002
M4-PFBA	3.186	216.8 -> 171.9	938888	10.00 ng/ml	0.012
M4-PFHpA	6.751	367.1 -> 322.0	245811	2.50 ng/ml	0.002
M5-EtFOSA	11.038	531.1 -> 219.0	28729	2.50 ng/ml	-0.004
M5-EtFOSAA	8.625	589.2 -> 419.0	66732	5.00 ng/ml	-0.001
M5-PFHxA	5.868	318.0 -> 273.0	278841	2.50 ng/ml	0.006
M5-PFPeA	4.649	268.3 -> 223.0	410320	5.00 ng/ml	0.008
M6-PFDA	8.385	519.1 -> 474.1	107413	1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	223682	25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	148367	1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	102712	2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	375377	2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	54881	2.50 ng/ml	0.002
M9-EtFOSE	11.083	639.2 -> 58.9	232750	25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	155338	1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.520	329.1 -> 80.9	11403	5.89 ng/ml	0.011
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 117.7%	
13C2-6:2FTS	7.130	429.1 -> 80.9	16881	5.58 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 111.6%	
13C2-8:2FTS	8.160	529.1 -> 80.9	18960	5.76 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 115.2%	
13C2-PFDoDA	9.284	615.1 -> 570.0	113591	1.17 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 93.8%	
13C2-PFTeDA	9.988	715.2 -> 670.0	51587	1.34 ng/ml	-0.008
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 107.5%	
13C3-HFPO-DA	6.235	286.9 -> 168.9	296446	10.61 ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 106.1%	
d3-MeFOSA	10.830	515.0 -> 219.0	30498	1.63 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 65.1%	
d3-MeFOSAA	8.417	573.2 -> 419.0	92597		5.60 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 112.1%	
13C3-PFBS	5.848	302.1 -> 79.9	83452		2.65 ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 105.9%	
13C3-PFHxS	7.523	402.1 -> 79.9	65938		2.78 ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 111.4%	
13C4-PFBA	3.188	216.8 -> 171.9	942492		11.16 ng/ml	0.016
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 111.6%	
13C4-PFHpA	6.751	367.1 -> 322.0	245811		2.73 ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 109.2%	
d5-EtFOSA	11.038	531.1 -> 219.0	28729		1.73 ng/ml	-0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 69.1%	
d5-EtFOSAA	8.625	589.2 -> 419.0	66732		5.25 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 105.1%	
13C5-PFHxA	5.868	318.0 -> 273.0	278841		2.74 ng/ml	0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 109.7%	
13C5-PFPeA	4.649	268.3 -> 223.0	410320		5.62 ng/ml	0.010
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 112.3%	
13C6-PFDA	8.385	519.1 -> 474.1	107413		1.40 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 112.3%	
d7-MeFOSE	10.861	623.2 -> 58.9	223787		20.54 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 82.2%	
13C7-PFUnDA	8.852	570.0 -> 525.1	148367		1.38 ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 110.4%	
13C8-FOSA	9.713	506.1 -> 77.8	102712		3.06 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 122.5%	
13C8-PFOA	7.369	421.1 -> 376.0	375377		2.67 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 106.9%	
13C8-PFOS	8.586	507.1 -> 79.9	54881		2.79 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 111.7%	
d9-EtFOSE	11.083	639.2 -> 58.9	232750		17.71 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 70.8%	
13C9-PFNA	7.899	472.1 -> 427.0	155338		1.34 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 107.2%	

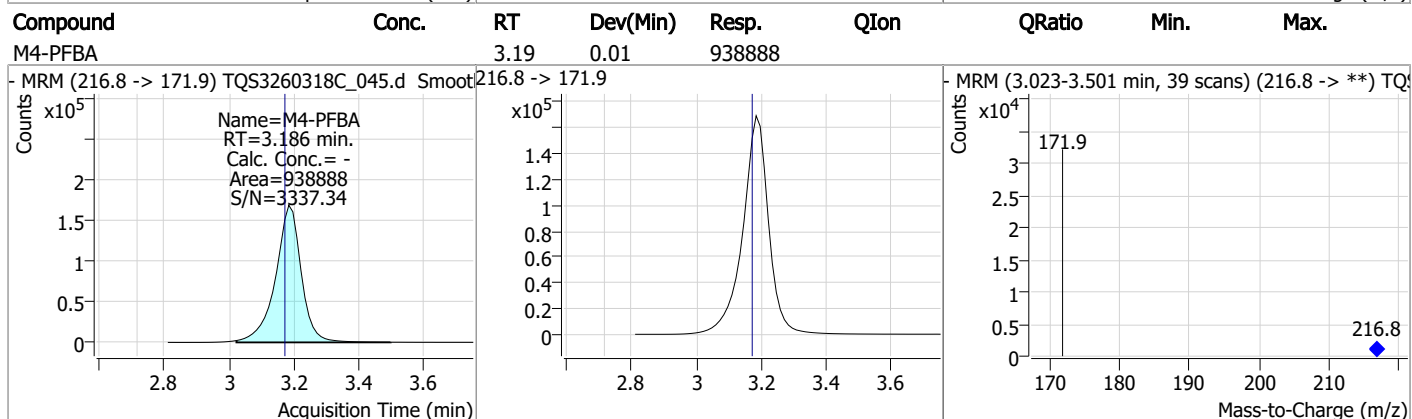
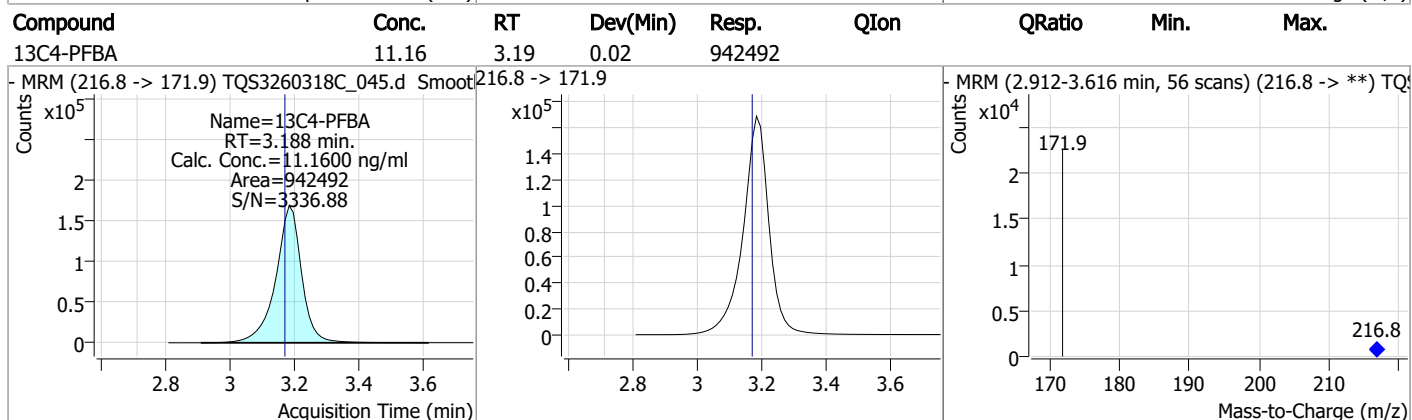
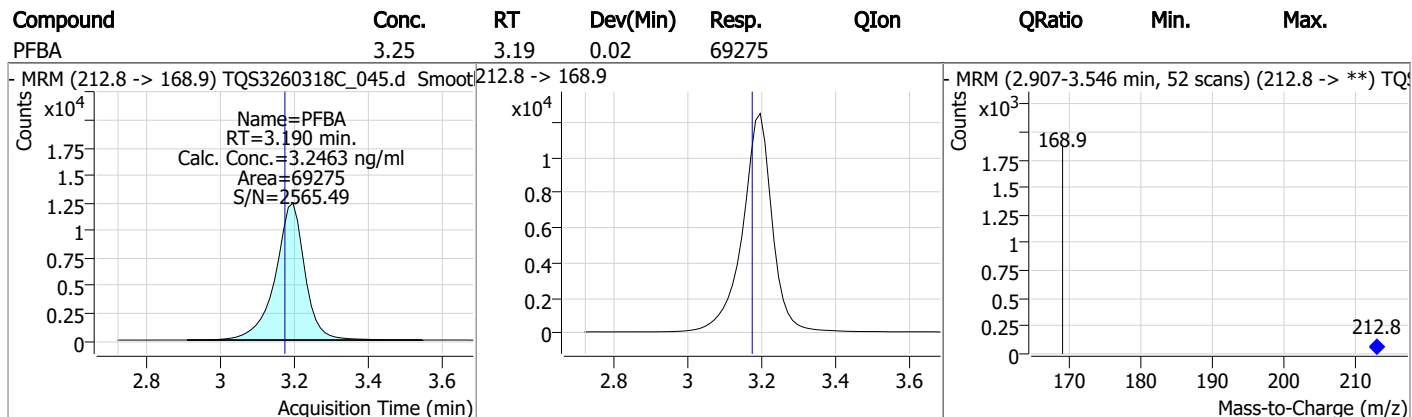
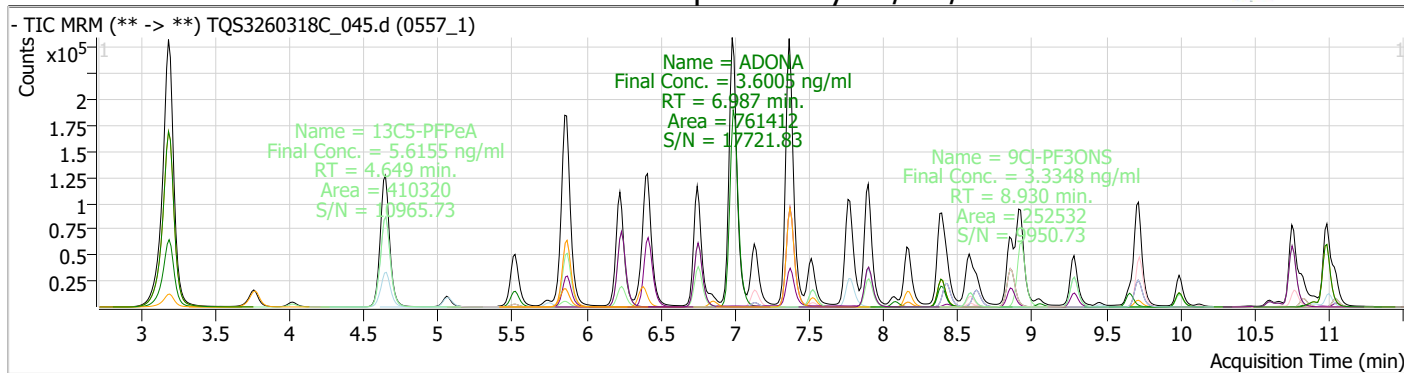
Target Compounds

						QValue
11CI-PF3OUdS	9.721	630.9 -> 450.9	183293		2.86 ng/ml	99
TDCA	-	498.9 -> 79.9	-	-	N.D.	
3:3 FTCA	4.022	241.0 -> 177.0	13078		3.31 ng/ml	100
4:2FTS	5.520	327.1 -> 307.0	65872		3.24 ng/ml	100
5:3 FTCA	6.414	341.0 -> 237.1	286175		20.93 ng/ml	97
6:2FTS	7.131	427.1 -> 407.0	65084		3.13 ng/ml	98
7:3 FTCA	7.766	441.0 -> 316.9	119780		19.92 ng/ml	96
8:2FTS	8.160	527.1 -> 507.0	60807		2.85 ng/ml	98
9CI-PF3ONS	8.930	530.8 -> 351.0	252532		3.33 ng/ml	100
ADONA	6.987	376.9 -> 250.9	761412		3.60 ng/ml	100
EtFOSA	11.072	526.0 -> 219.0	19003		1.69 ng/ml	97
EtFOSAA	8.596	584.2 -> 419.1	8289		0.76 ng/ml	100
EtFOSE	10.979	630.0 -> 58.9	66648		8.31 ng/ml	100
FOSA	9.721	498.1 -> 77.9	29124		0.75 ng/ml	99
HFPO-DA	6.236	284.9 -> 168.9	84971		3.14 ng/ml	97
MeFOSA	10.845	511.9 -> 219.0	6688		0.66 ng/ml	97
MeFOSAA	8.418	570.1 -> 419.0	12389		0.72 ng/ml	97
MeFOSE	10.783	616.1 -> 58.9	67142		7.61 ng/ml	100
NFDHA	5.740	295.0 -> 201.0	17711		1.65 ng/ml	99
PFBA	3.190	212.8 -> 168.9	69275		3.25 ng/ml	100

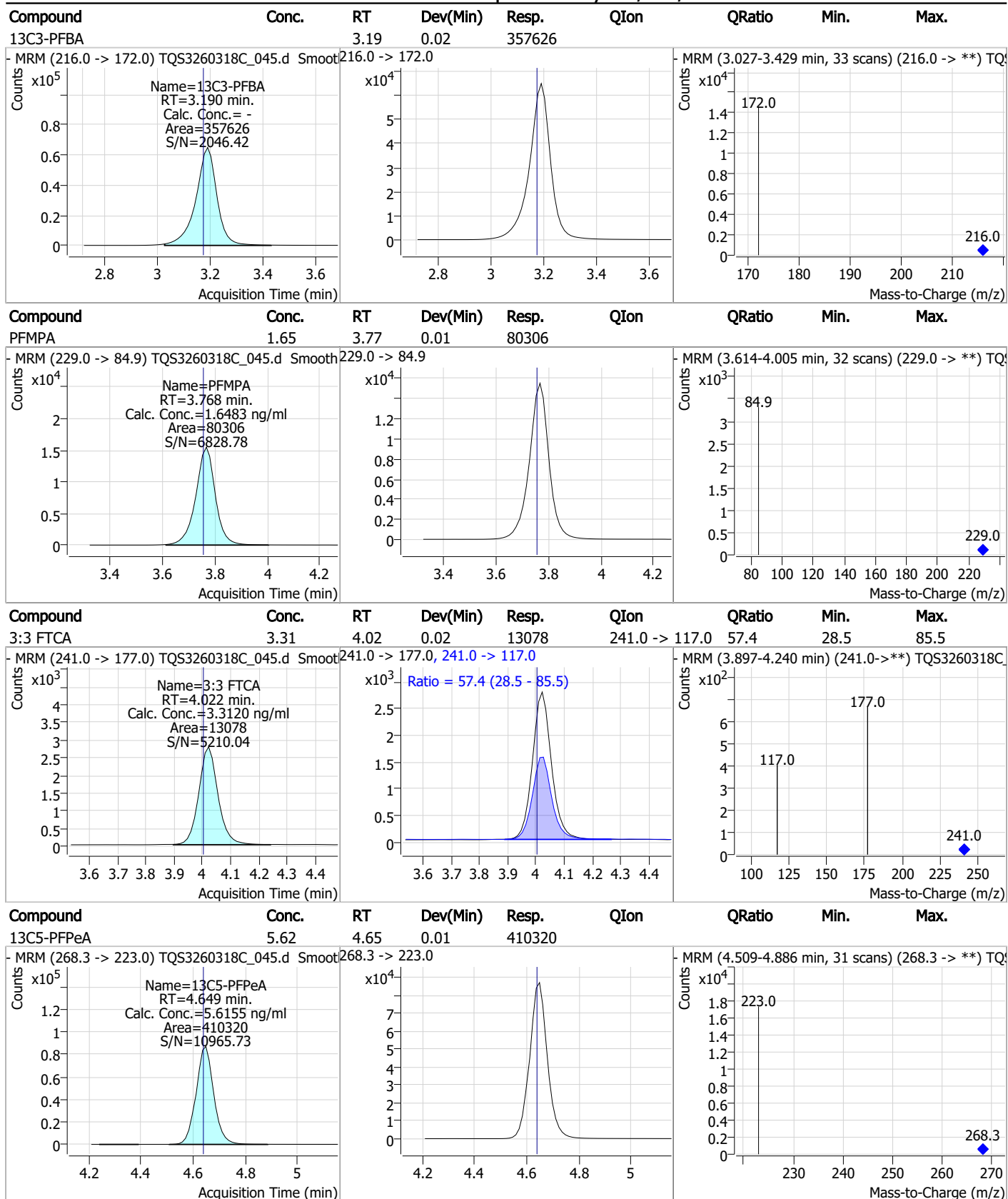
Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	25587	0.84 ng/ml	100
PFDA	8.386	512.9 -> 469.0	80212	0.82 ng/ml	99
PFDoDA	9.284	613.1 -> 569.0	52643	0.63 ng/ml	100
PFDoDS	10.129	699.1 -> 79.9	4309	0.57 ng/ml	98
PFDS	9.462	599.0 -> 79.9	8095	0.66 ng/ml	98
PFEESA	6.381	314.8 -> 134.9	85270	0.79 ng/ml	98
PFHpA	6.751	363.1 -> 319.0	155013	0.82 ng/ml	99
PFHpS	8.080	449.0 -> 79.9	21004	0.81 ng/ml	98
PFHxA	5.871	313.0 -> 269.0	129018	0.81 ng/ml	100
PFHxS	7.504	398.7 -> 79.9	19106	0.91 ng/ml	96
PFMBA	5.065	279.0 -> 85.1	42210	0.81 ng/ml	100
PFMPA	3.768	229.0 -> 84.9	80306	1.65 ng/ml	100
PFNA	7.900	463.0 -> 419.0	109363	0.82 ng/ml	100
PFNS	9.053	548.8 -> 79.9	12377	0.72 ng/ml	98
PFOA	7.371	413.0 -> 369.0	144441	0.82 ng/ml	99
PFOS	8.568	498.9 -> 79.9	18274	0.79 ng/ml	99
PFPeA	4.652	263.0 -> 219.0	156909	1.58 ng/ml	100
PFPeS	6.853	349.1 -> 79.9	23137	0.81 ng/ml	97
PFTeDA	9.989	713.1 -> 669.0	45756	0.67 ng/ml	99
PFTrDA	9.656	663.0 -> 619.0	50896	0.79 ng/ml	100
PFUnDA	8.853	563.1 -> 519.0	73973	0.76 ng/ml	100

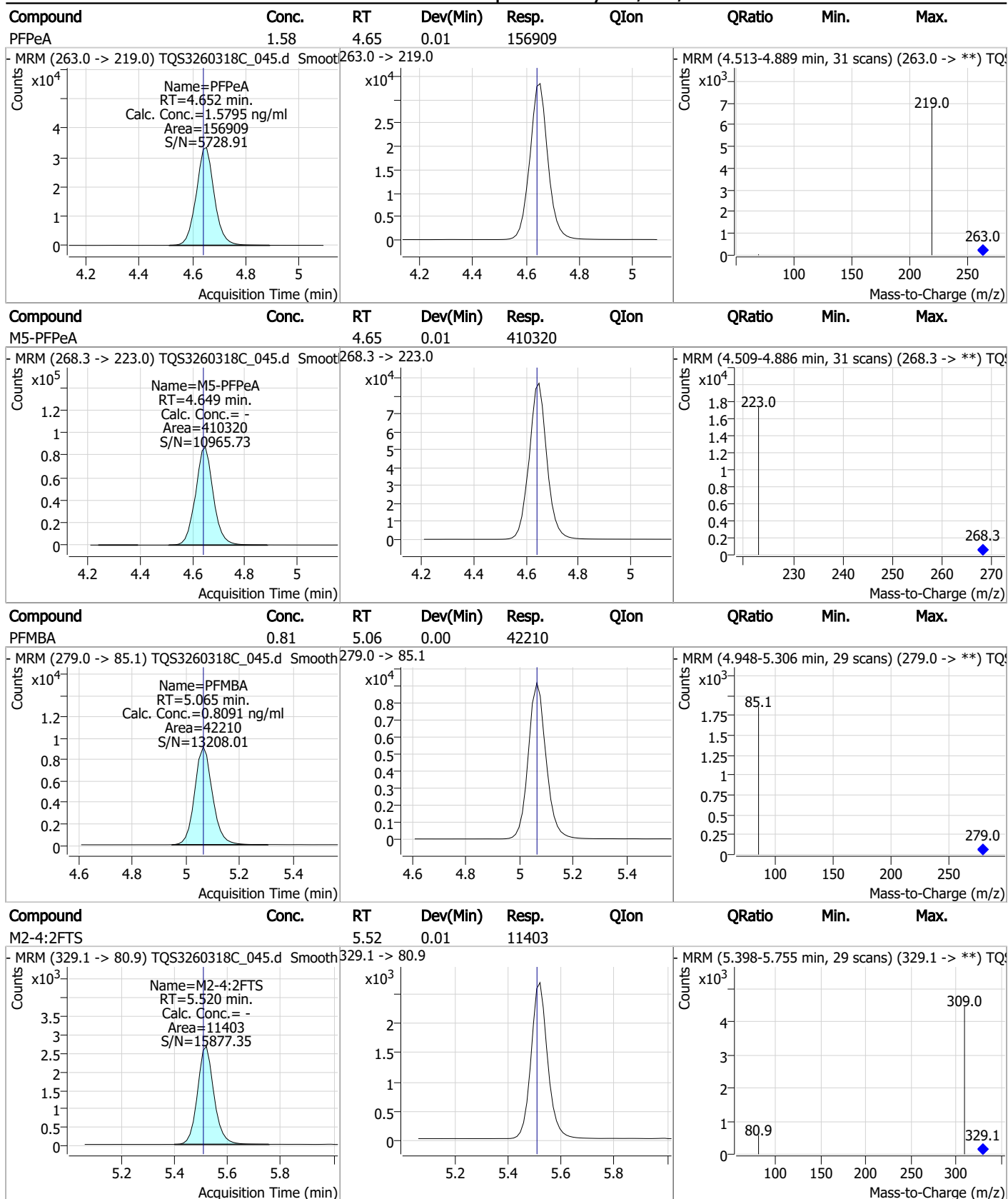
= Qualifier out of range, m = manually integrated, + = Area summed



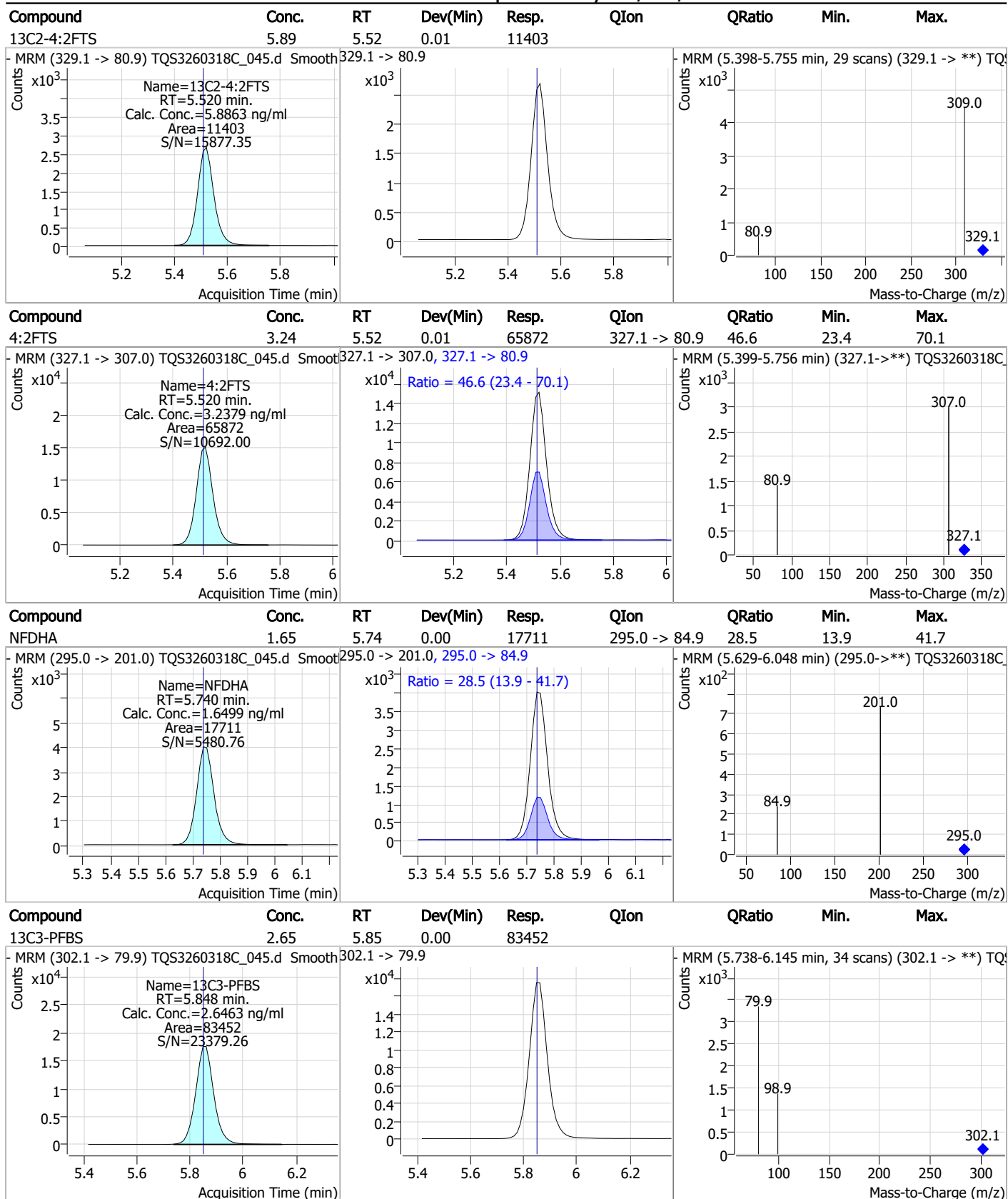
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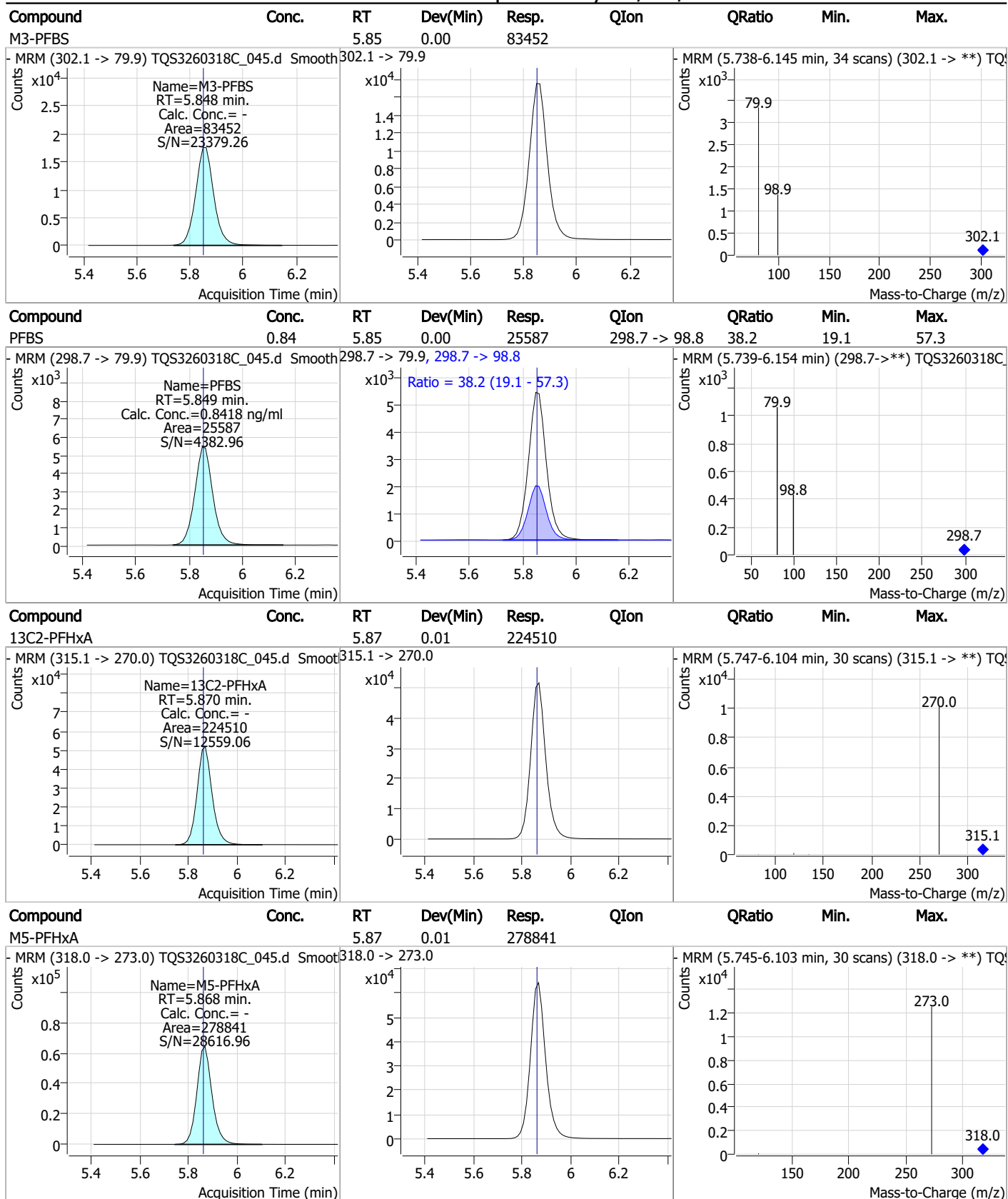


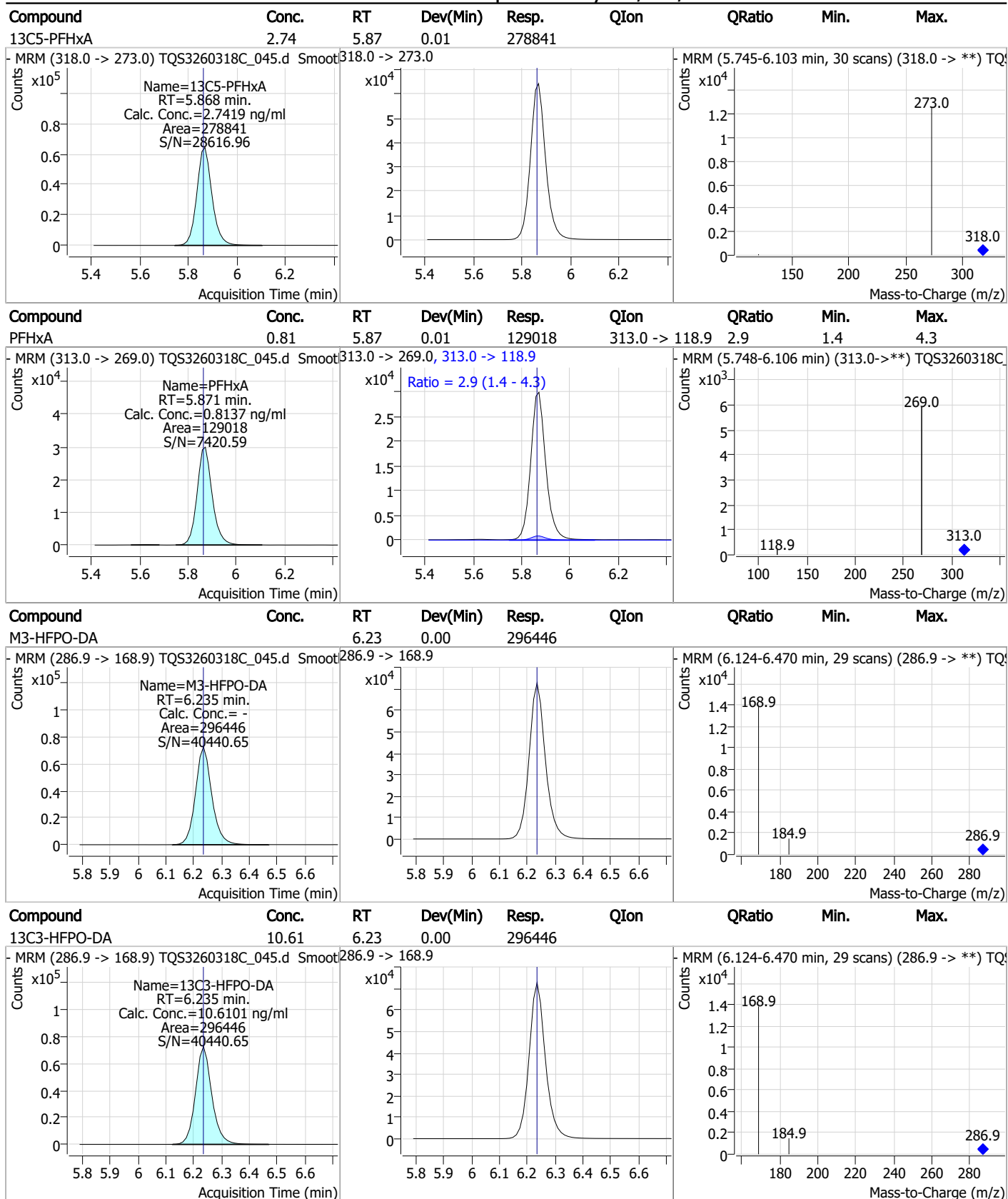
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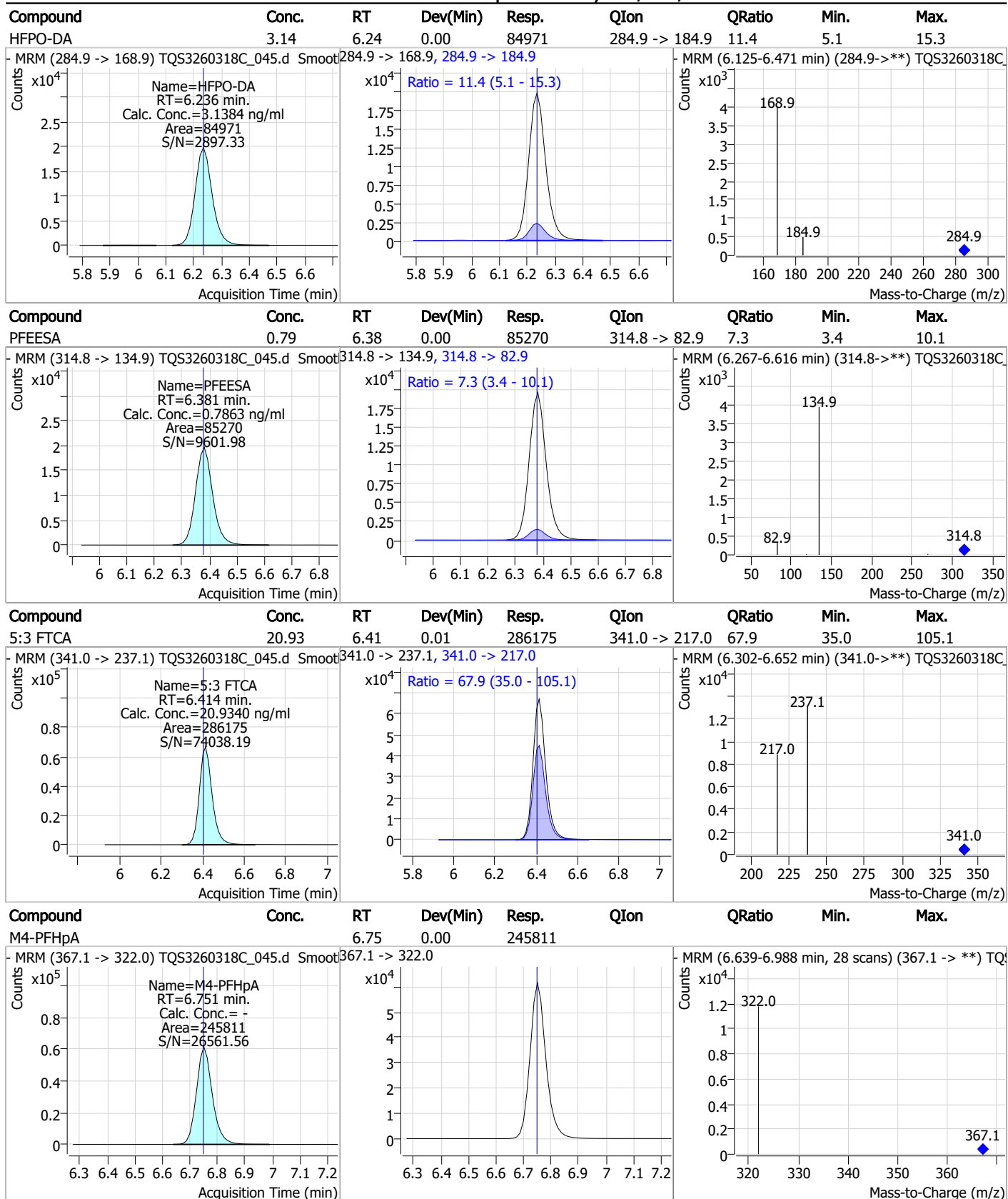
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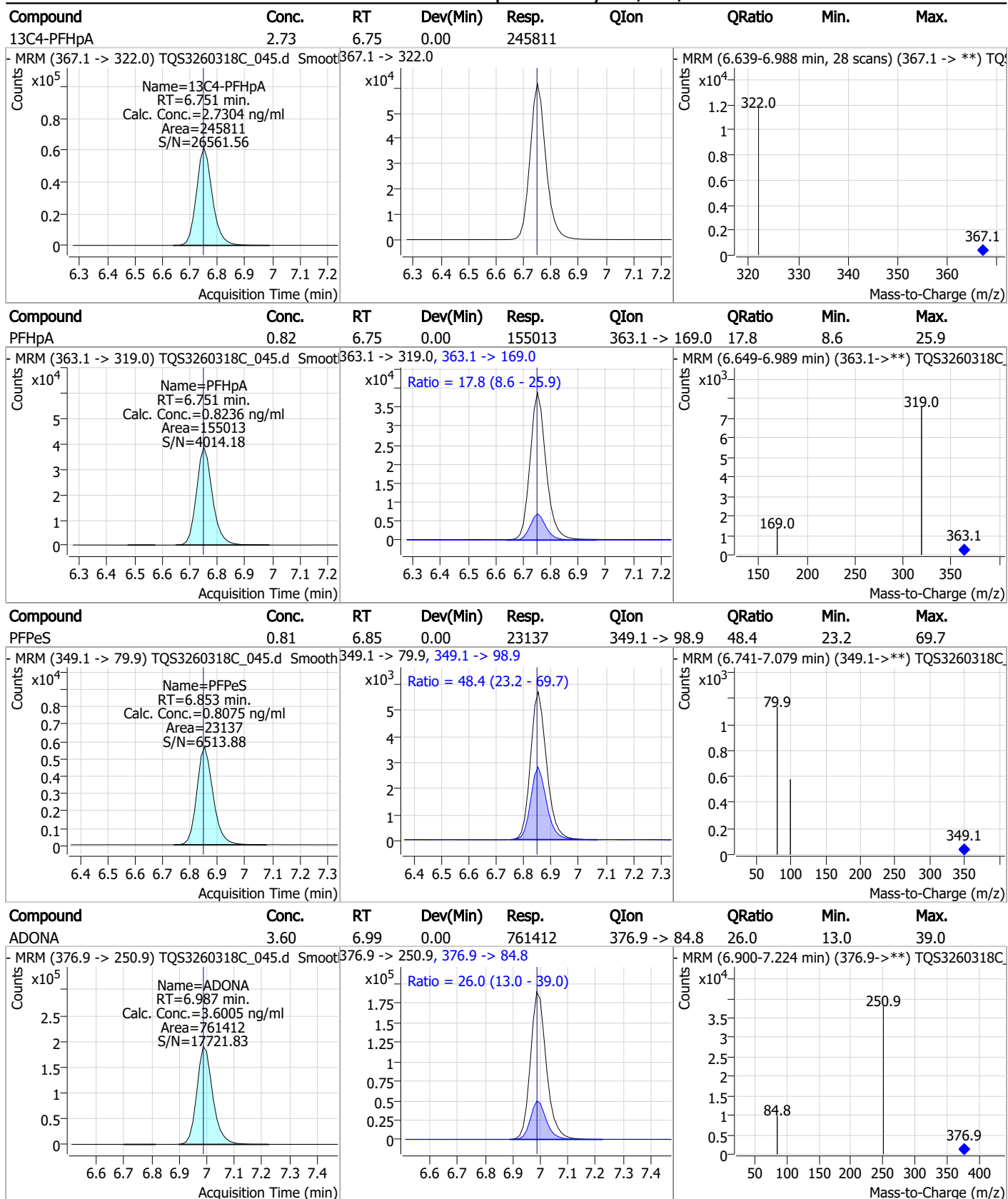




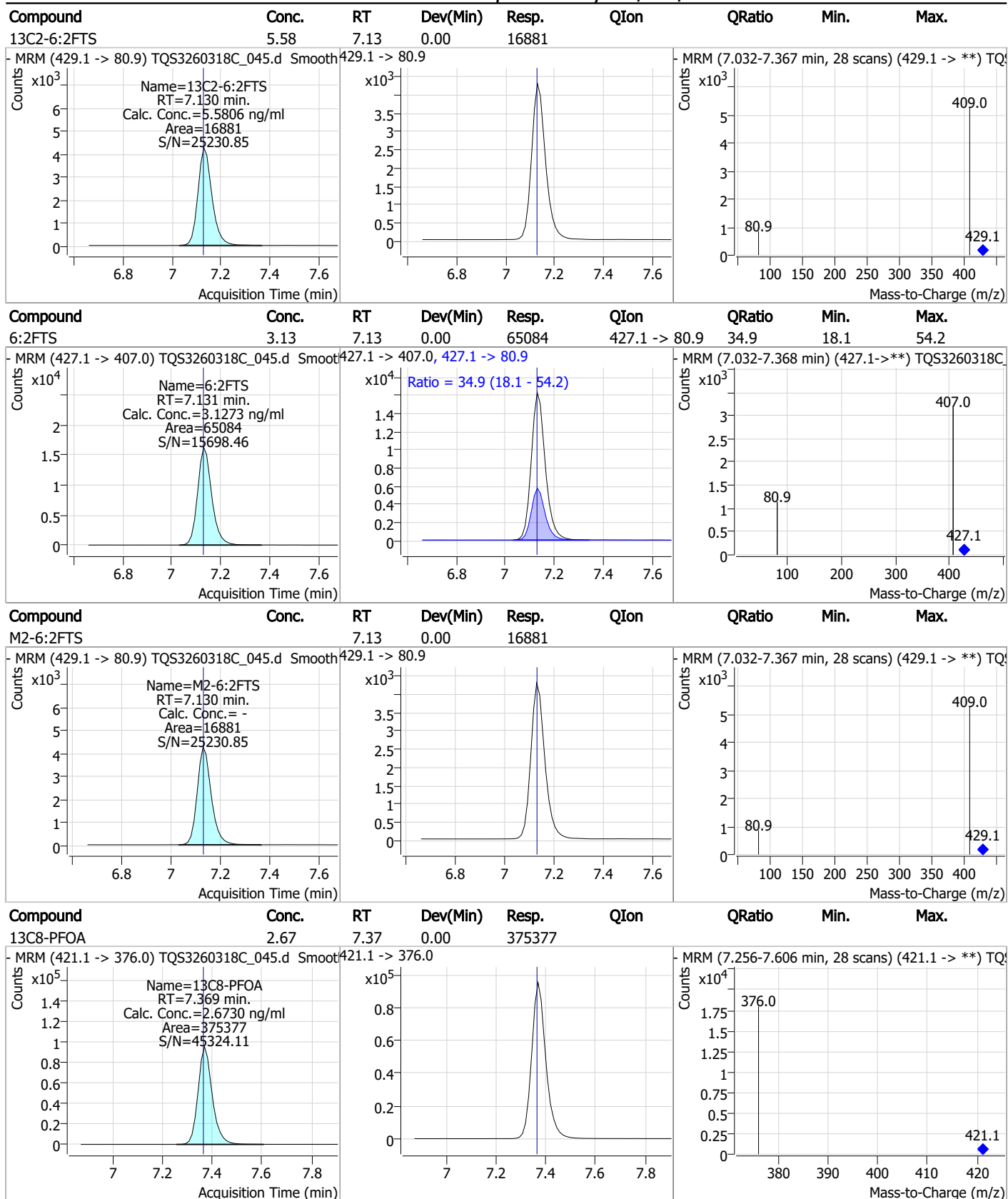
Perfluorinated Compounds by LC/MS/MS

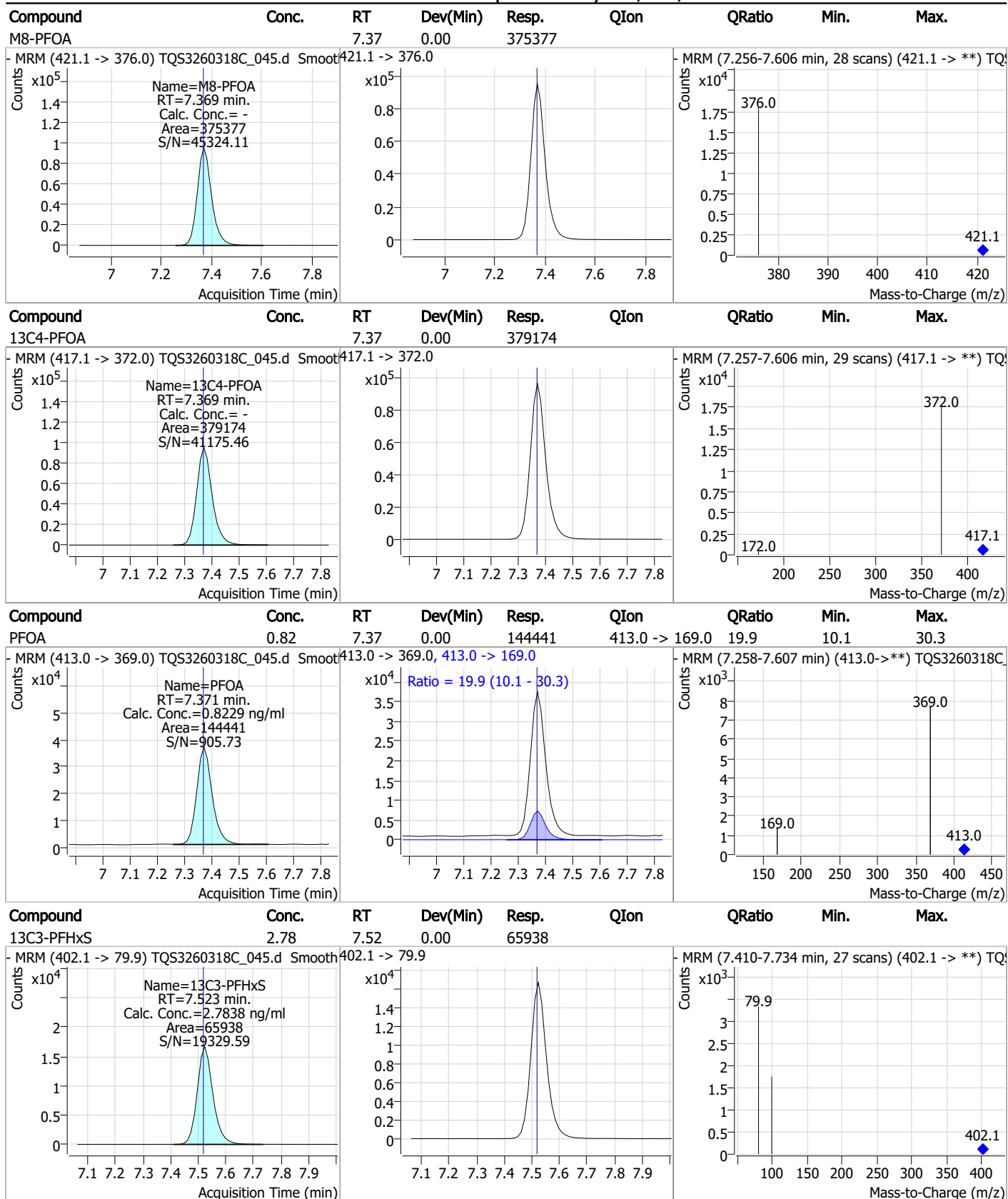


Perfluorinated Compounds by LC/MS/MS

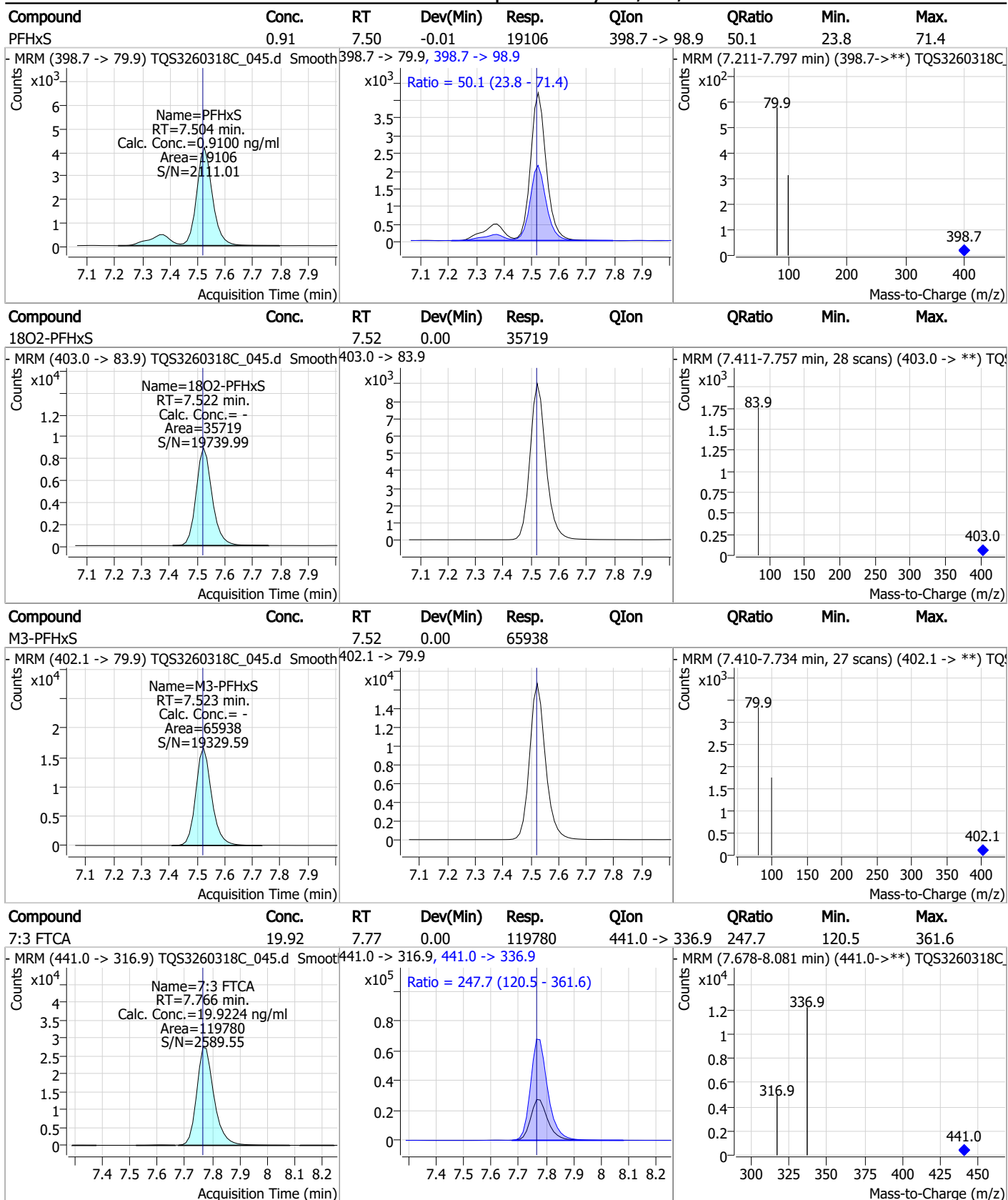


Perfluorinated Compounds by LC/MS/MS

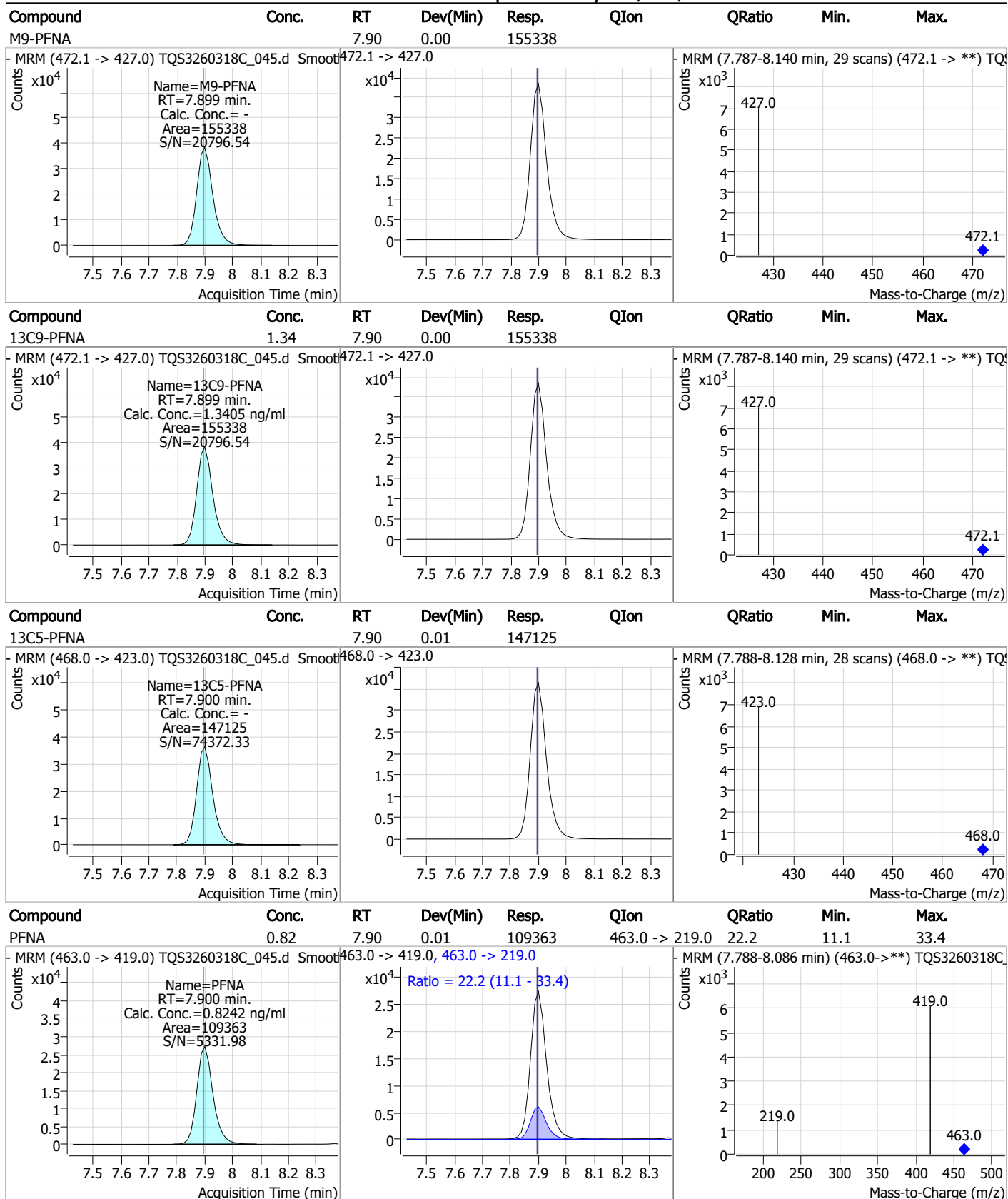




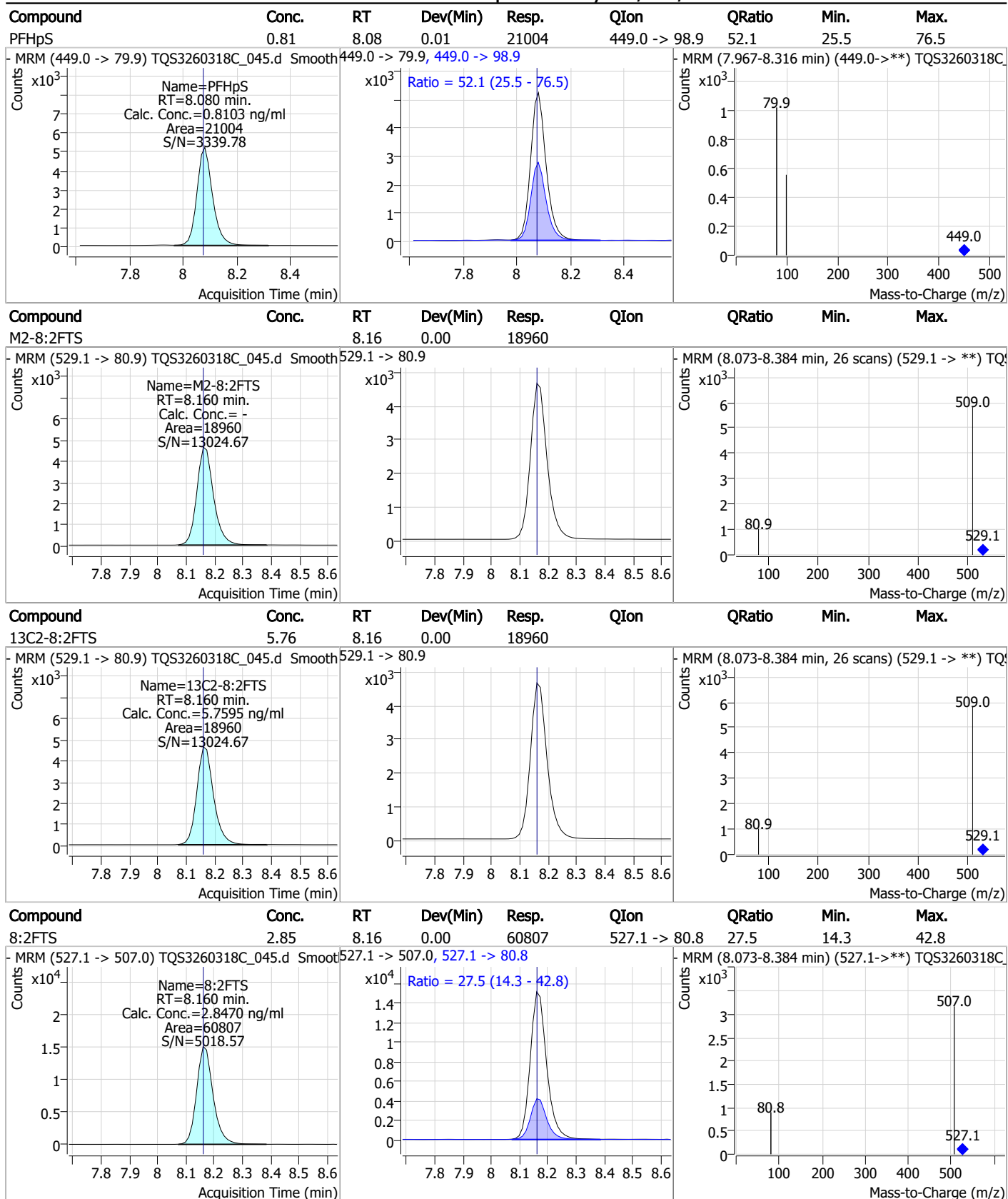
Perfluorinated Compounds by LC/MS/MS



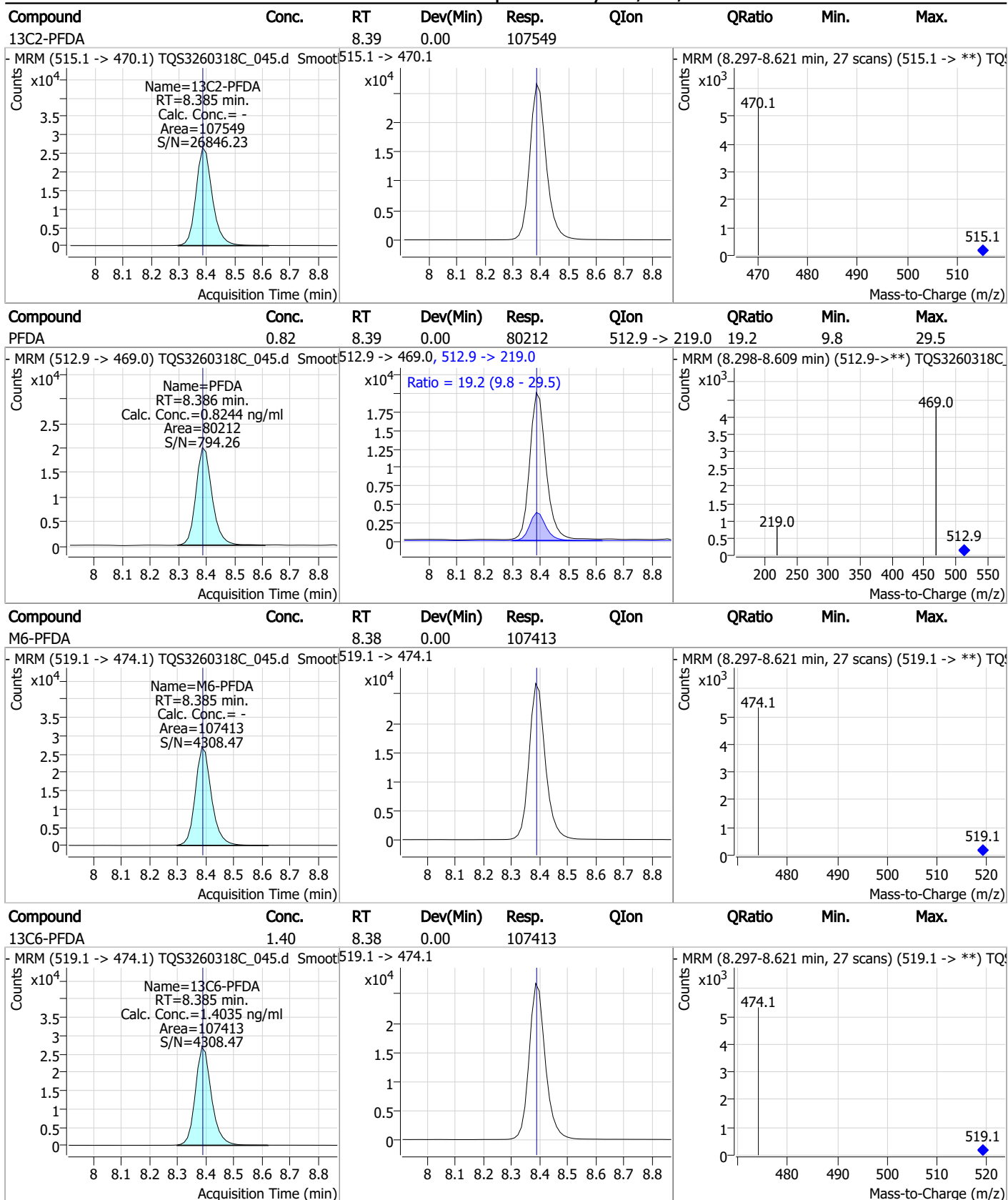
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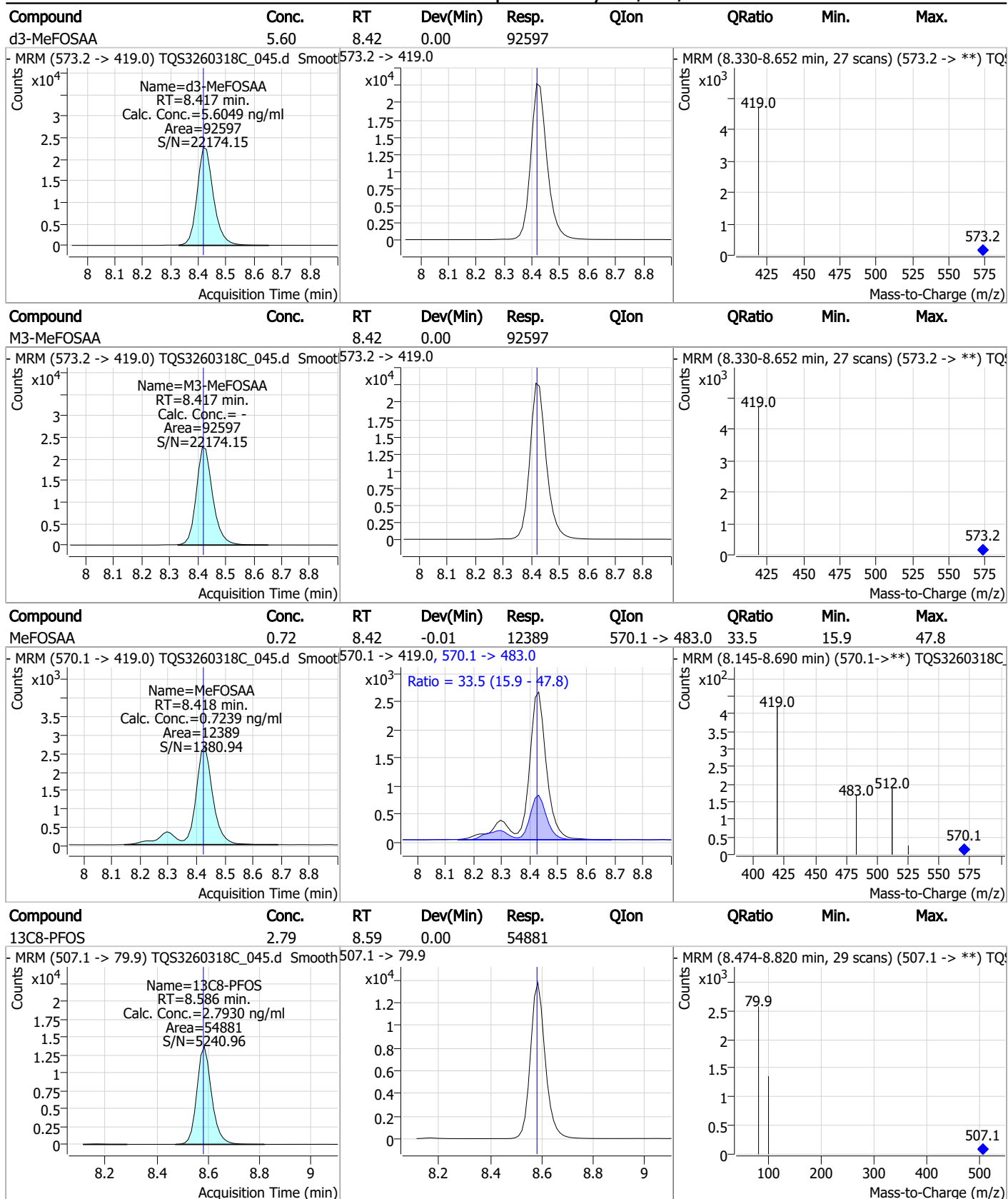
Perfluorinated Compounds by LC/MS/MS



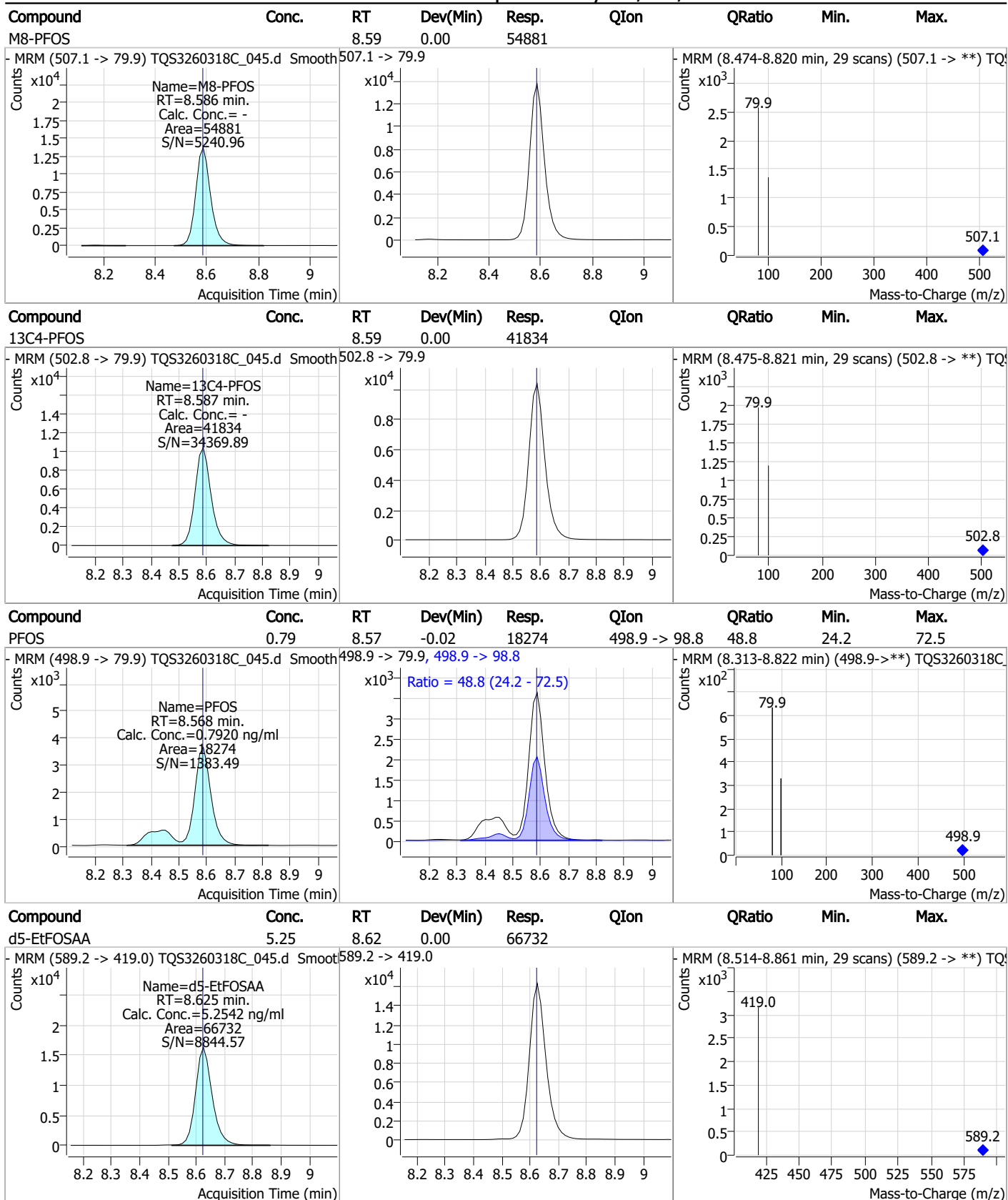
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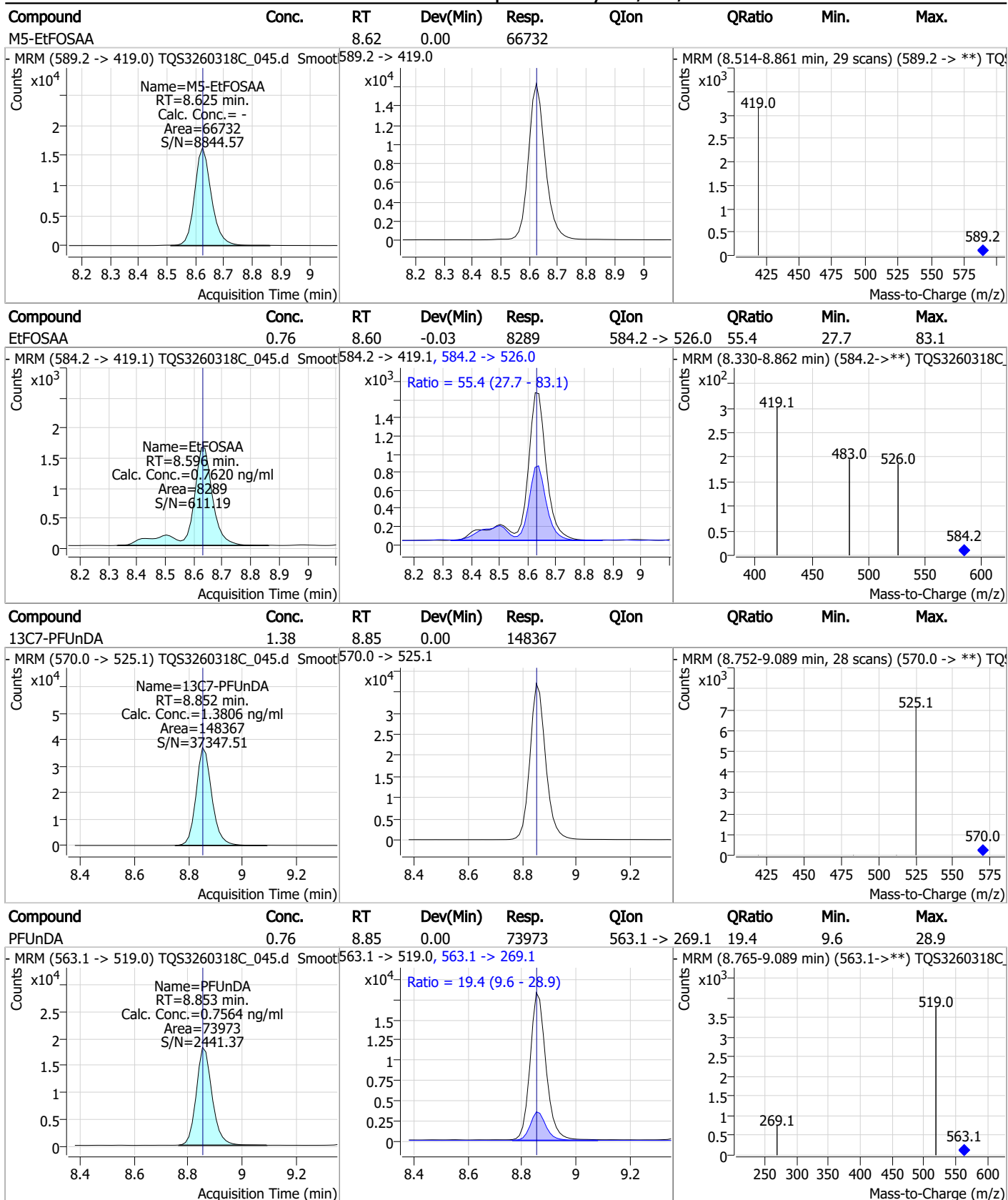
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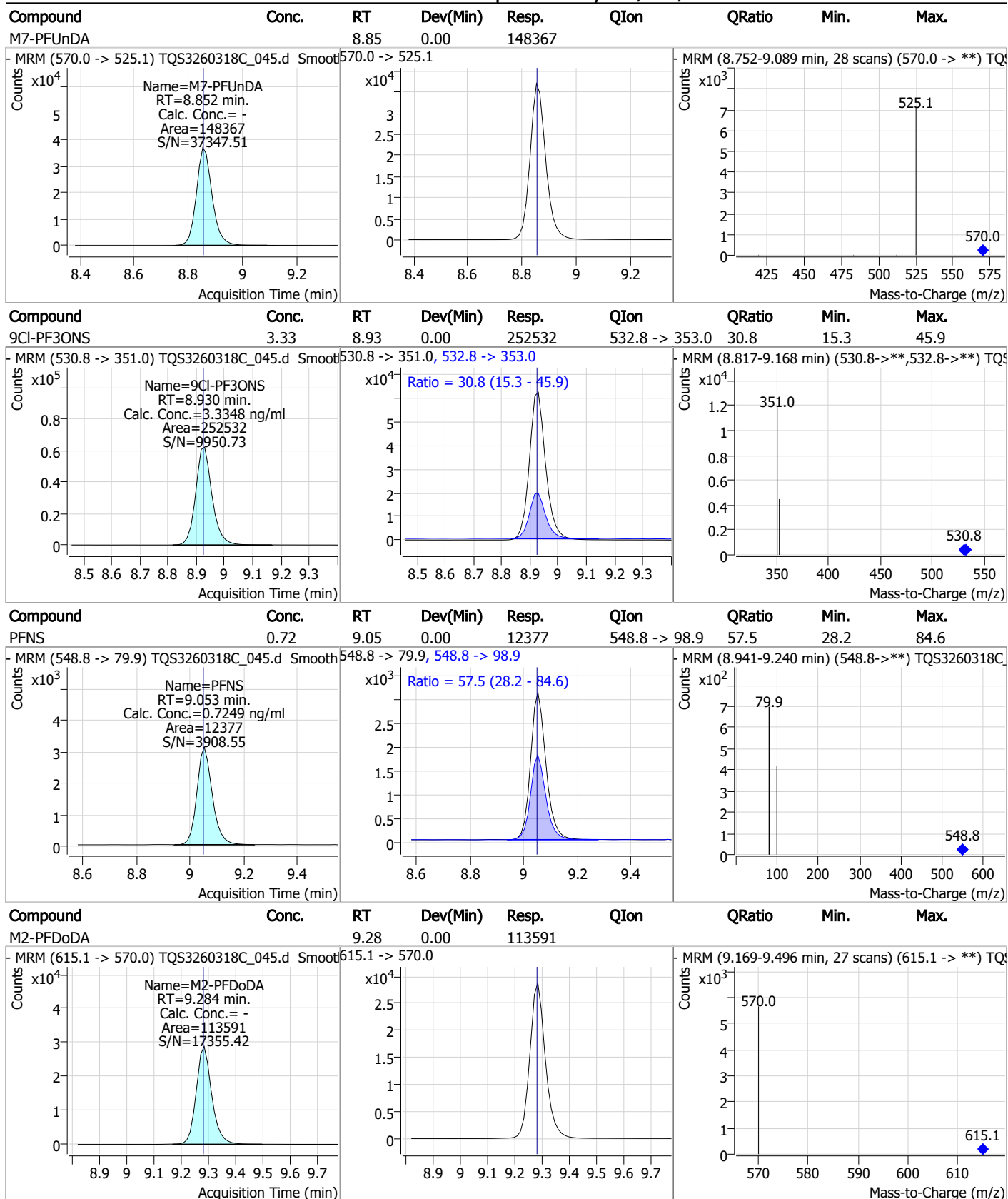
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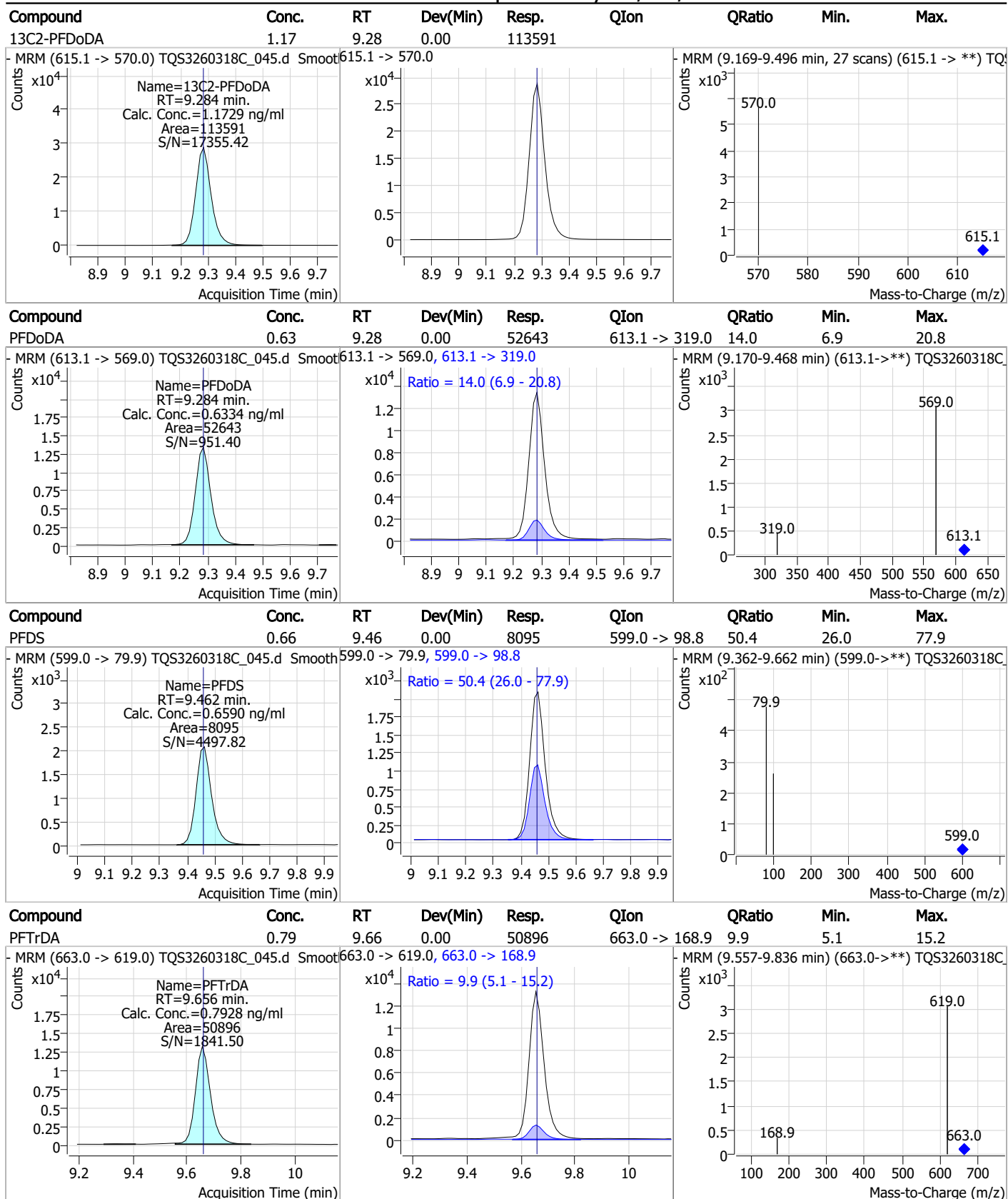
Perfluorinated Compounds by LC/MS/MS

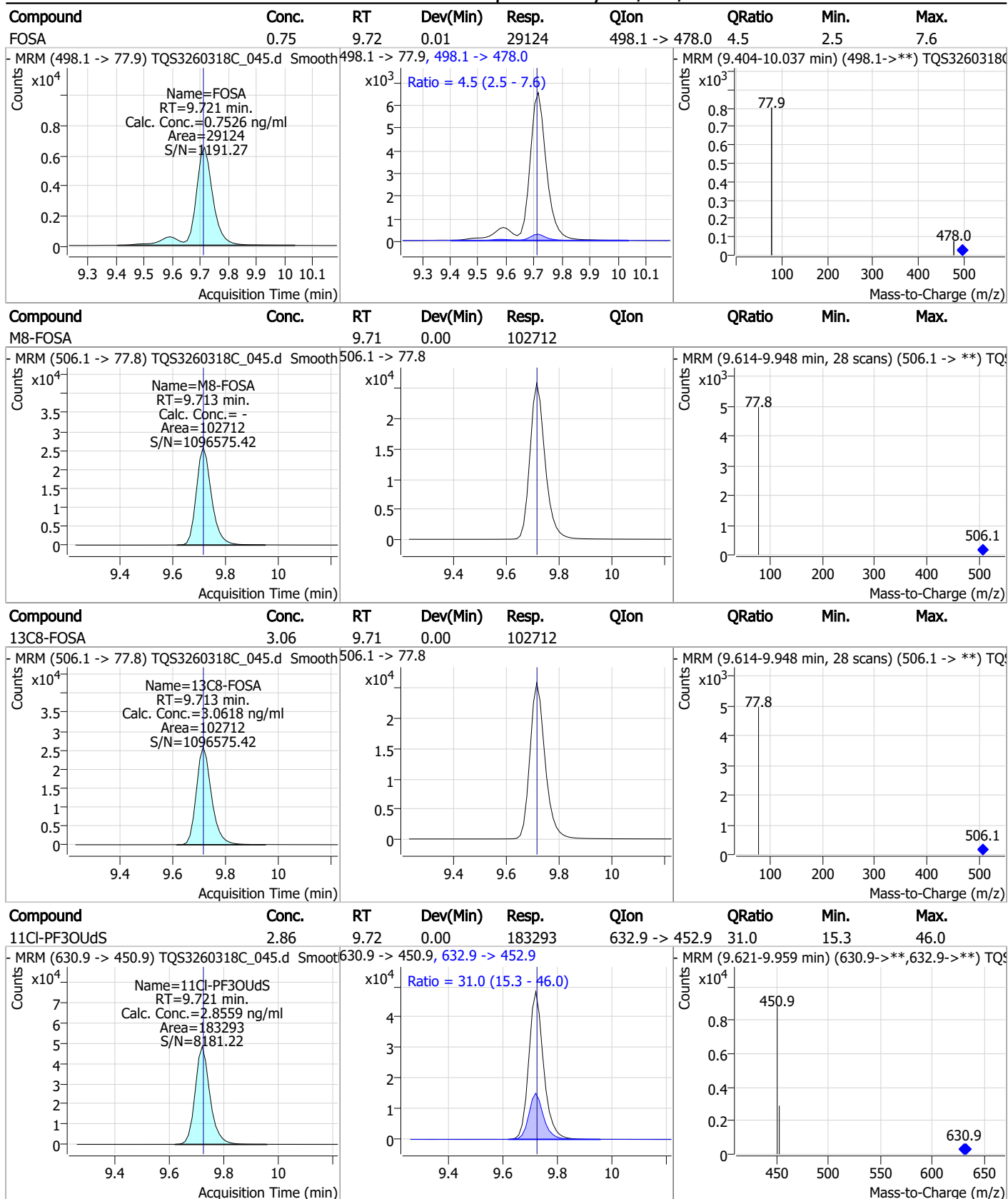


Perfluorinated Compounds by LC/MS/MS

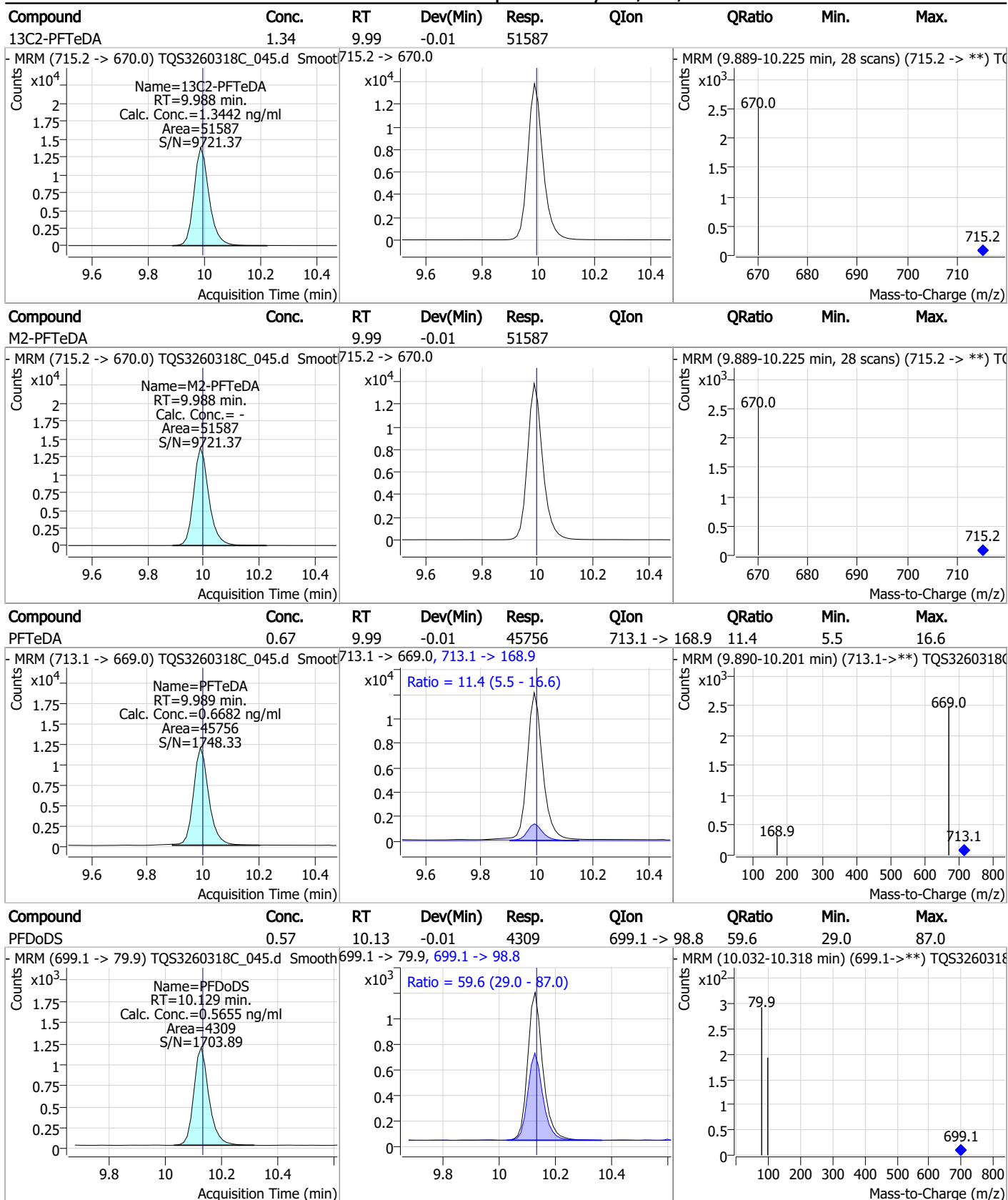


Perfluorinated Compounds by LC/MS/MS

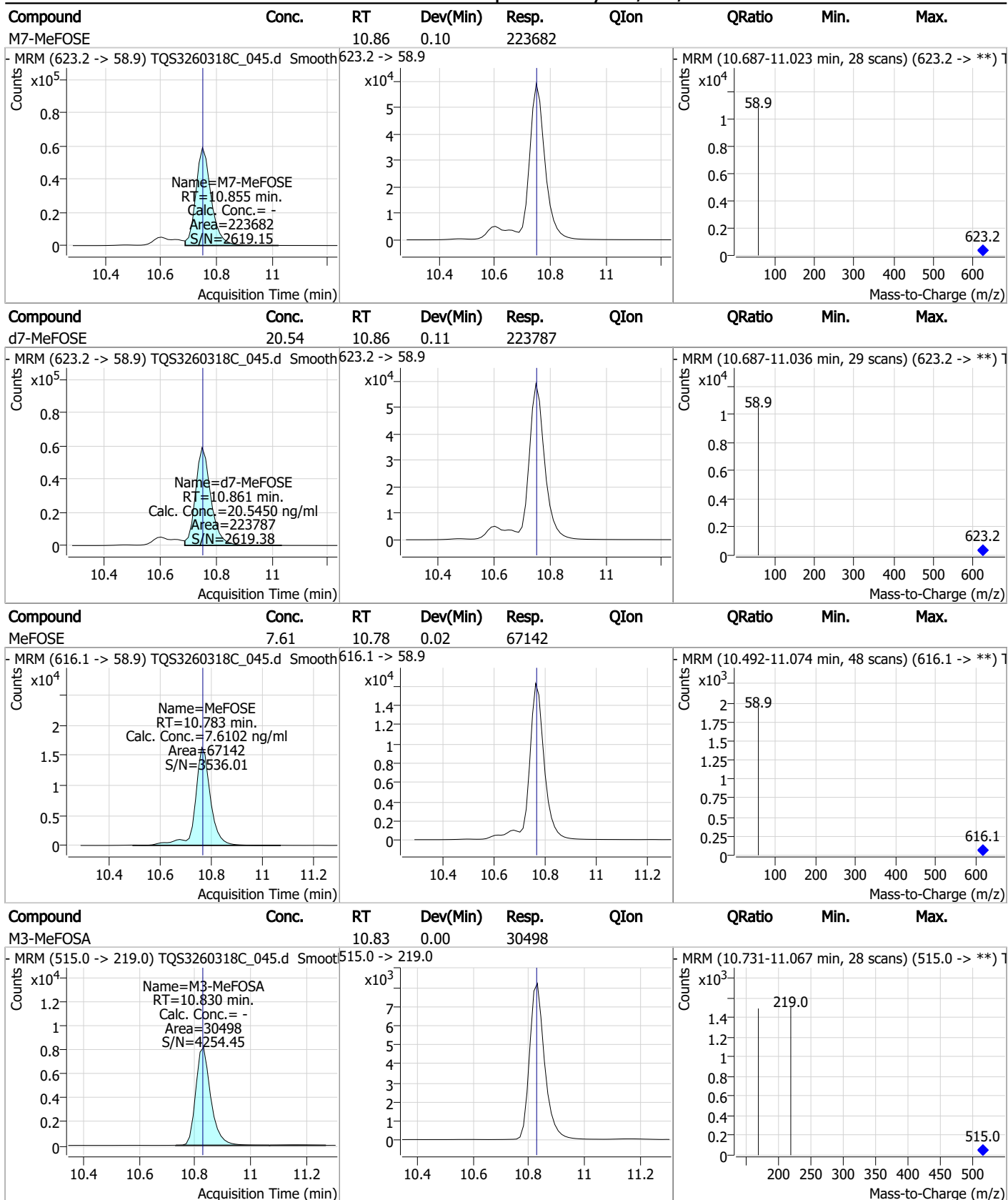




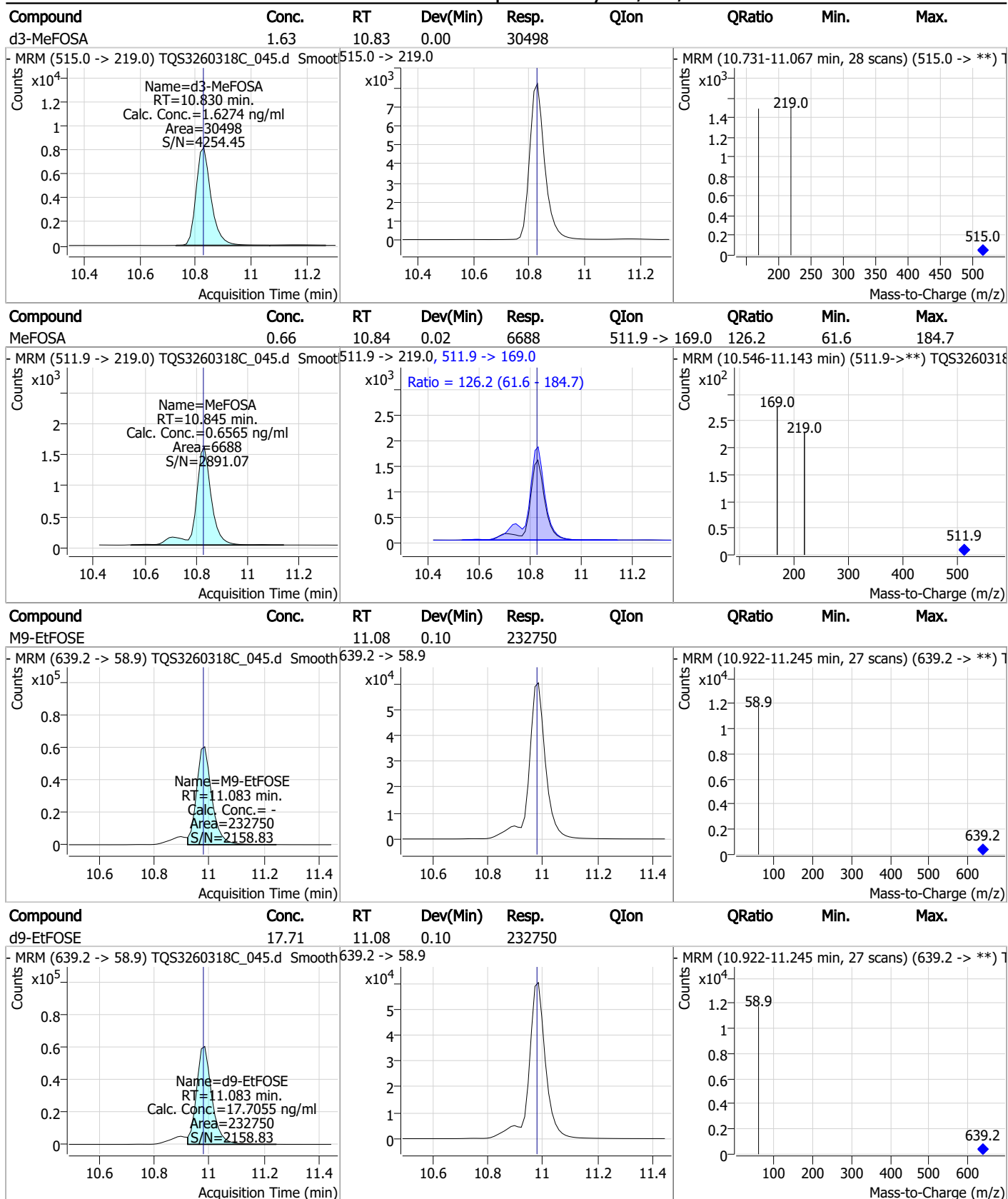
Perfluorinated Compounds by LC/MS/MS



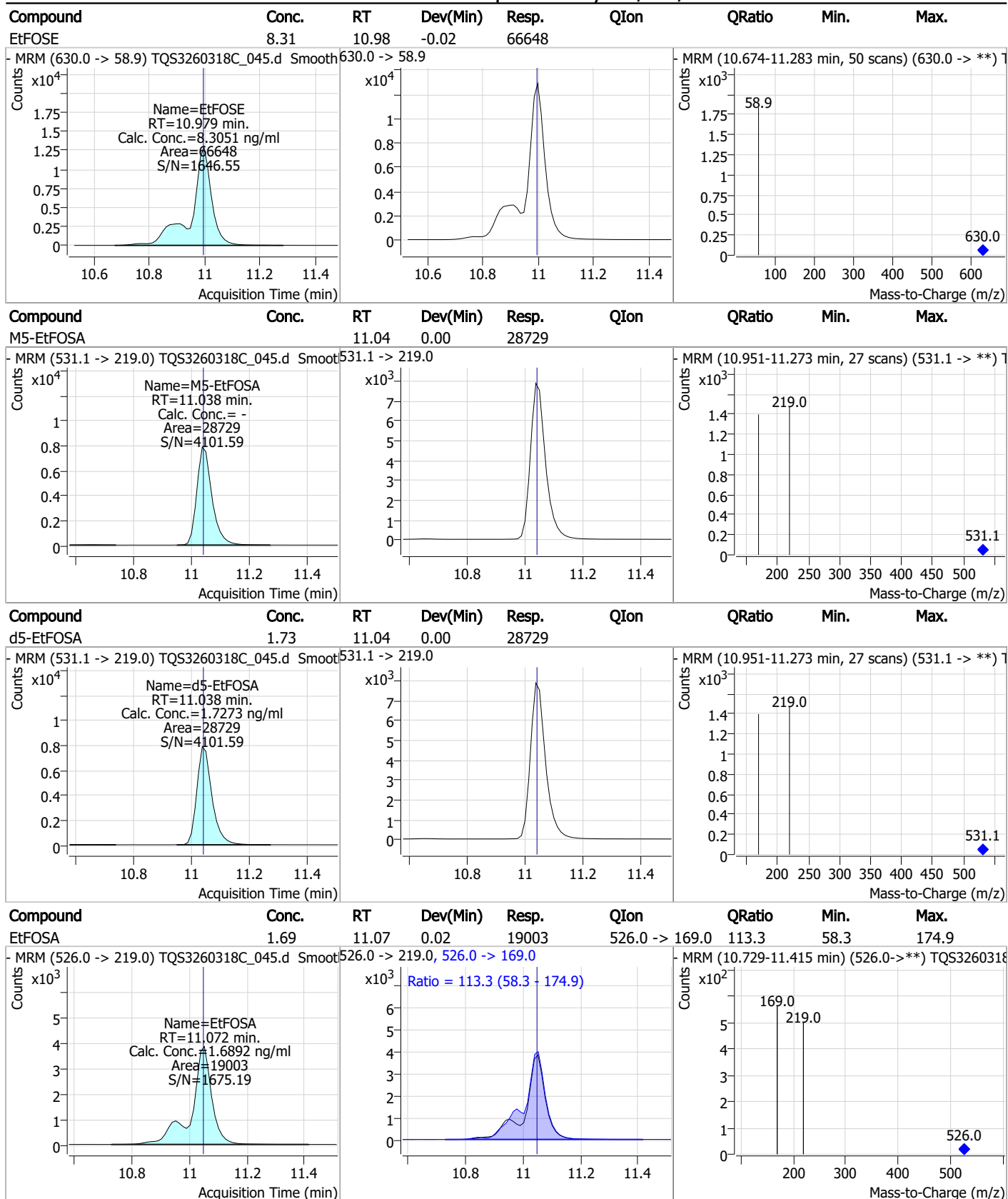
Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



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 Operator
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 4:59:27 AM
 Sample Name : 0557_2
 Vial : P3-C5
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3914_1633.batch.bin
 Sample Information :

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Internal Standards					
13C2-PFDA	8.385	515.1 -> 470.1	105649	1.25 ng/ml	0.000
13C2-PFHxA	5.870	315.1 -> 270.0	217555	2.50 ng/ml	0.008
13C3-PFBA	3.177	216.0 -> 172.0	340387	5.00 ng/ml	0.004
13C4-PFOA	7.369	417.1 -> 372.0	366330	2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	40935	2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	141771	1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	34579	2.50 ng/ml	0.002
M2-4:2FTS	5.520	329.1 -> 80.9	10650	5.00 ng/ml	0.011
M2-6:2FTS	7.130	429.1 -> 80.9	20188	5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	18300	5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	119082	1.25 ng/ml	0.003
M2-PFTeDA	9.988	715.2 -> 670.0	56358	1.25 ng/ml	-0.009
M3-HFPO-DA	6.235	286.9 -> 168.9	283308	10.00 ng/ml	0.000
M3-MeFOSA	10.830	515.0 -> 219.0	35442	2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	104633	5.00 ng/ml	-0.004
M3-PFBS	5.860	302.1 -> 79.9	79787	2.50 ng/ml	0.011
M3-PFHxS	7.523	402.1 -> 79.9	61227	2.50 ng/ml	0.002
M4-PFBA	3.186	216.8 -> 171.9	877082	10.00 ng/ml	0.012
M4-PFHpA	6.751	367.1 -> 322.0	235593	2.50 ng/ml	0.002
M5-EtFOSA	11.038	531.1 -> 219.0	34029	2.50 ng/ml	-0.004
M5-EtFOSAA	8.625	589.2 -> 419.0	83637	5.00 ng/ml	-0.001
M5-PFHxA	5.868	318.0 -> 273.0	269884	2.50 ng/ml	0.006
M5-PFPeA	4.649	268.3 -> 223.0	392182	5.00 ng/ml	0.008
M6-PFDA	8.385	519.1 -> 474.1	104639	1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	222606	25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	152643	1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	103596	2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	367844	2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	51935	2.50 ng/ml	0.001
M9-EtFOSE	11.083	639.2 -> 58.9	253938	25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	149217	1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.520	329.1 -> 80.9	10650	5.68 ng/ml	0.011
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 113.6%	
13C2-6:2FTS	7.130	429.1 -> 80.9	20188	6.89 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 137.9%	
13C2-8:2FTS	8.160	529.1 -> 80.9	18300	5.74 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 114.8%	
13C2-PFDoDA	9.284	615.1 -> 570.0	119082	1.25 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 100.1%	
13C2-PFTeDA	9.988	715.2 -> 670.0	56358	1.49 ng/ml	-0.008
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 119.6%	
13C3-HFPO-DA	6.235	286.9 -> 168.9	283308	10.46 ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 104.6%	
d3-MeFOSA	10.830	515.0 -> 219.0	35442	1.93 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc.	Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 77.3%		
d3-MeFOSAA	8.417	573.2 -> 419.0	104633		6.47	ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 129.5%		
13C3-PFBS	5.860	302.1 -> 79.9	79787		2.61	ng/ml	0.011
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 104.5%		
13C3-PFHxS	7.523	402.1 -> 79.9	61227		2.67	ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 106.8%		
13C4-PFBA	3.181	216.8 -> 171.9	878372		10.93	ng/ml	0.009
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 109.3%		
13C4-PFHpA	6.751	367.1 -> 322.0	235593		2.70	ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 108.0%		
d5-EtFOSA	11.038	531.1 -> 219.0	34029		2.09	ng/ml	-0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 83.6%		
d5-EtFOSAA	8.625	589.2 -> 419.0	83637		6.73	ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 134.6%		
13C5-PFHxA	5.868	318.0 -> 273.0	269884		2.74	ng/ml	0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 109.5%		
13C5-PFPeA	4.649	268.3 -> 223.0	392182		5.54	ng/ml	0.010
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 110.8%		
13C6-PFDA	8.385	519.1 -> 474.1	104639		1.39	ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 111.3%		
d7-MeFOSE	10.861	623.2 -> 58.9	222735		20.90	ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 83.6%		
13C7-PFUnDA	8.852	570.0 -> 525.1	152643		1.45	ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 115.7%		
13C8-FOSA	9.713	506.1 -> 77.8	103596		3.16	ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 126.2%		
13C8-PFOA	7.369	421.1 -> 376.0	367844		2.71	ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 108.4%		
13C8-PFOS	8.586	507.1 -> 79.9	51935		2.70	ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 108.0%		
d9-EtFOSE	11.083	639.2 -> 58.9	253938		19.74	ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 79.0%		
13C9-PFNA	7.899	472.1 -> 427.0	149217		1.34	ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 106.9%		

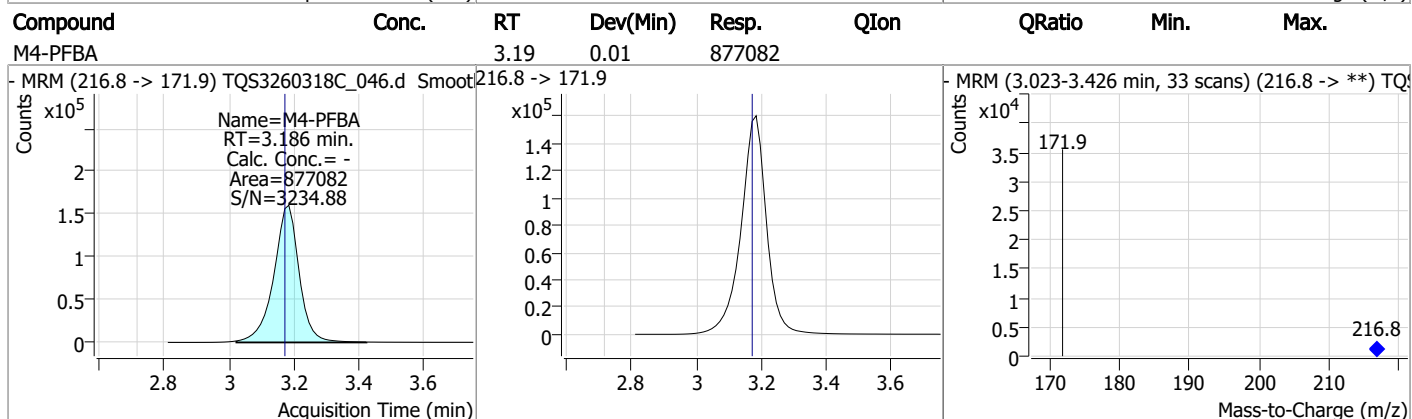
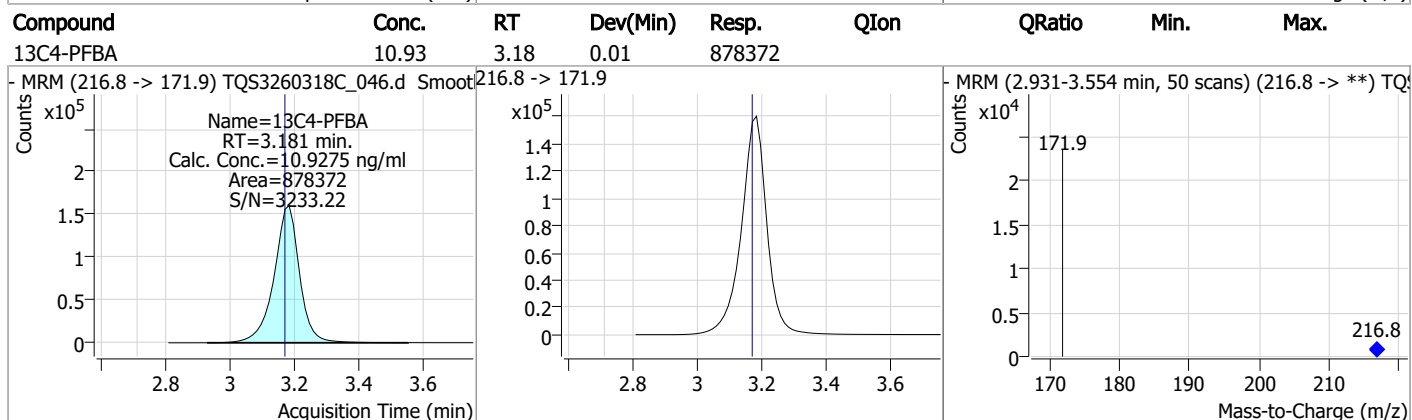
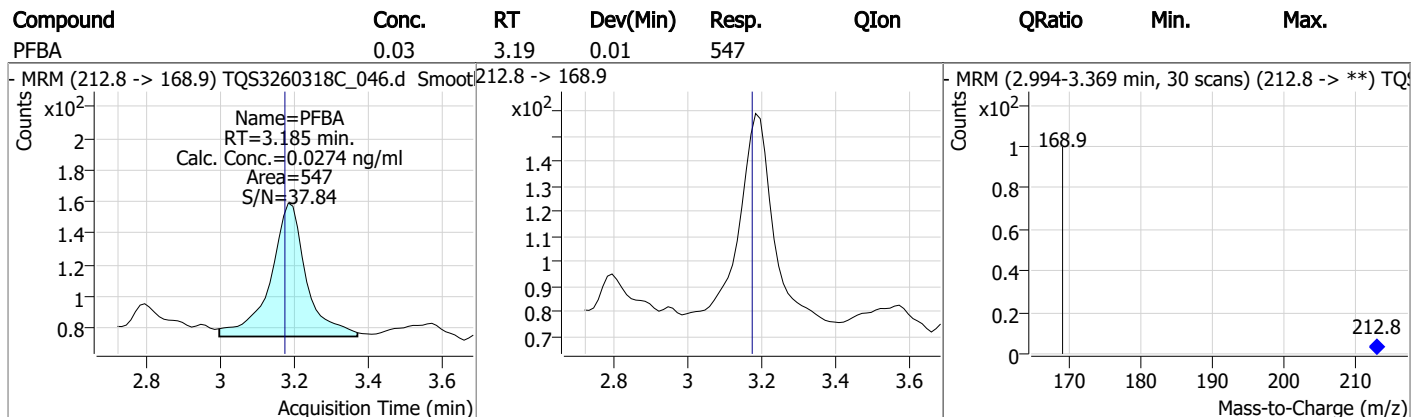
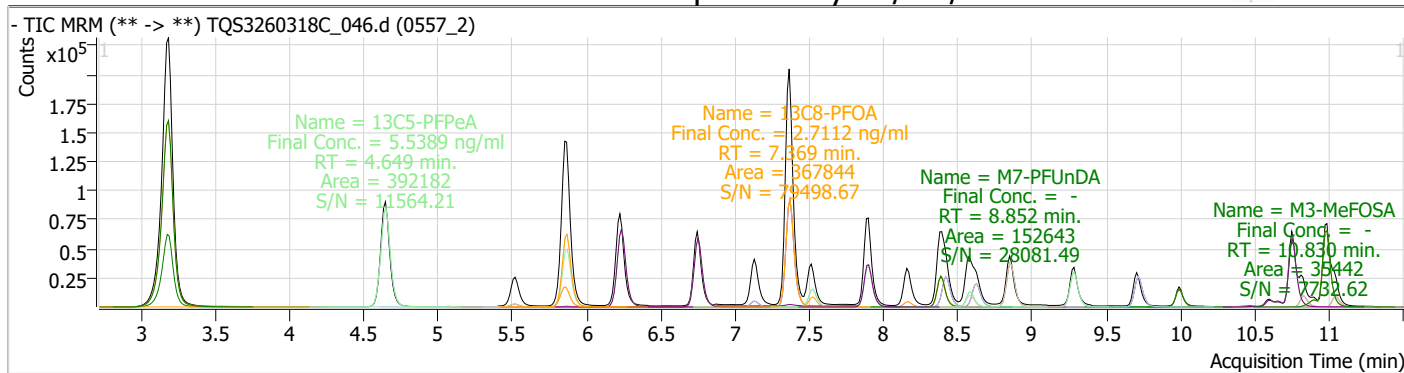
Target Compounds

							QValue
11CI-PF3OUdS	9.721	630.9 -> 450.9	102		0.00	ng/ml #	1
TDCA	-	498.9 -> 79.9	-	-	N.D.		
3:3 FTCA	-	241.0 -> 177.0	-	-	N.D.		
4:2FTS	-	327.1 -> 307.0	-	-	N.D.		
5:3 FTCA	-	341.0 -> 237.1	-	-	N.D.		
6:2FTS	7.131	427.1 -> 407.0	121		0.00	ng/ml	39
7:3 FTCA	-	441.0 -> 316.9	-	-	N.D.		
8:2FTS	-	527.1 -> 507.0	-	-	N.D.		
9CI-PF3ONS	-	530.8 -> 351.0	-	-	N.D.		
ADONA	6.987	376.9 -> 250.9	210		0.00	ng/ml	49
EtFOSA	11.072	526.0 -> 219.0	41		0.00	ng/ml #	46
EtFOSAA	-	584.2 -> 419.1	-	-	N.D.		
EtFOSE	-	630.0 -> 58.9	-	-	N.D.		
FOSA	9.721	498.1 -> 77.9	987		0.03	ng/ml	85
HFPO-DA	-	284.9 -> 168.9	-	-	N.D.		
MeFOSA	-	511.9 -> 219.0	-	-	N.D.		
MeFOSAA	-	570.1 -> 419.0	-	-	N.D.		
MeFOSE	10.783	616.1 -> 58.9	97		0.01	ng/ml	100
NFDHA	-	295.0 -> 201.0	-	-	N.D.		
PFBA	3.185	212.8 -> 168.9	547		0.03	ng/ml	100

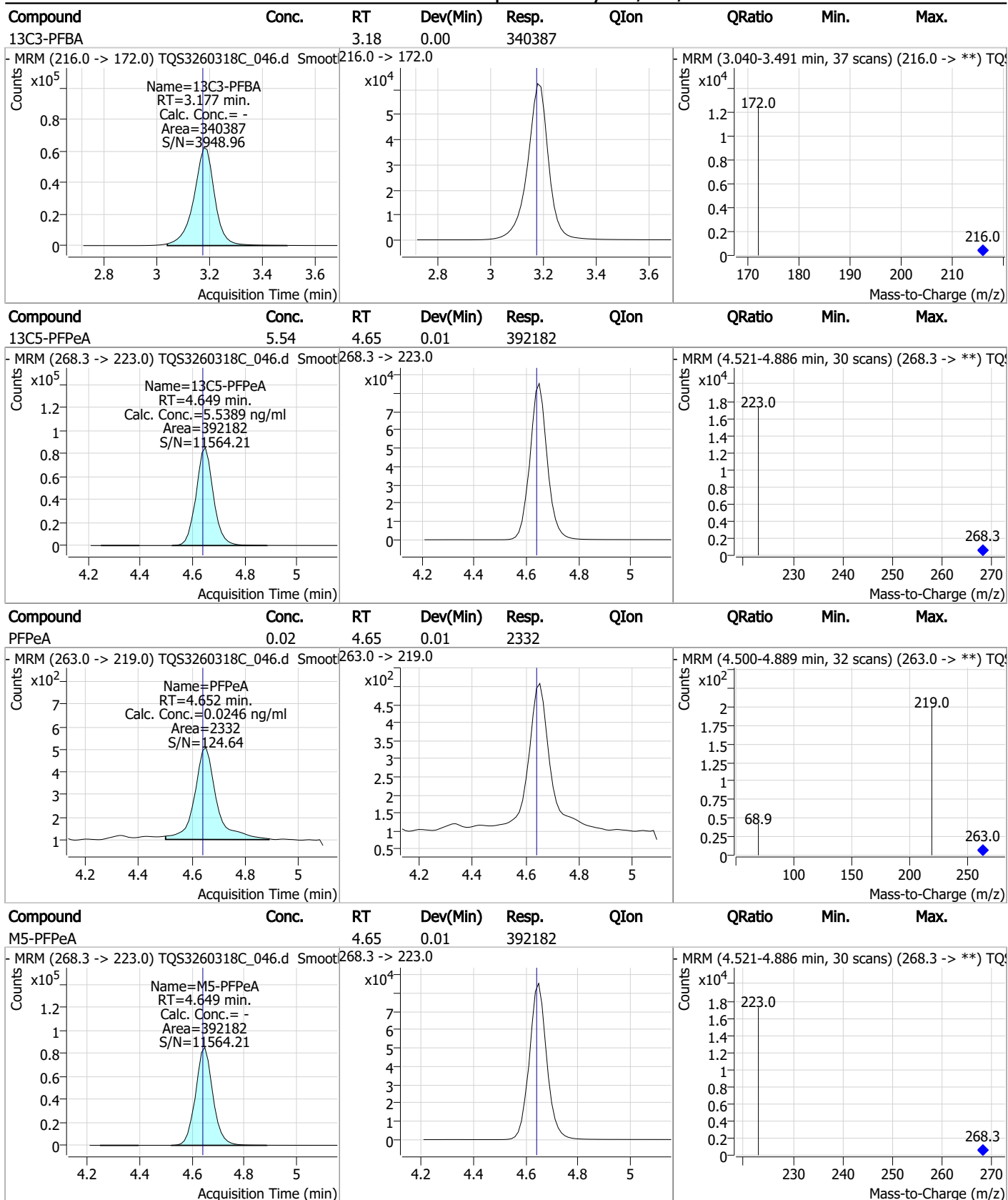
Perfluorinated Compounds by LC/MS/MS

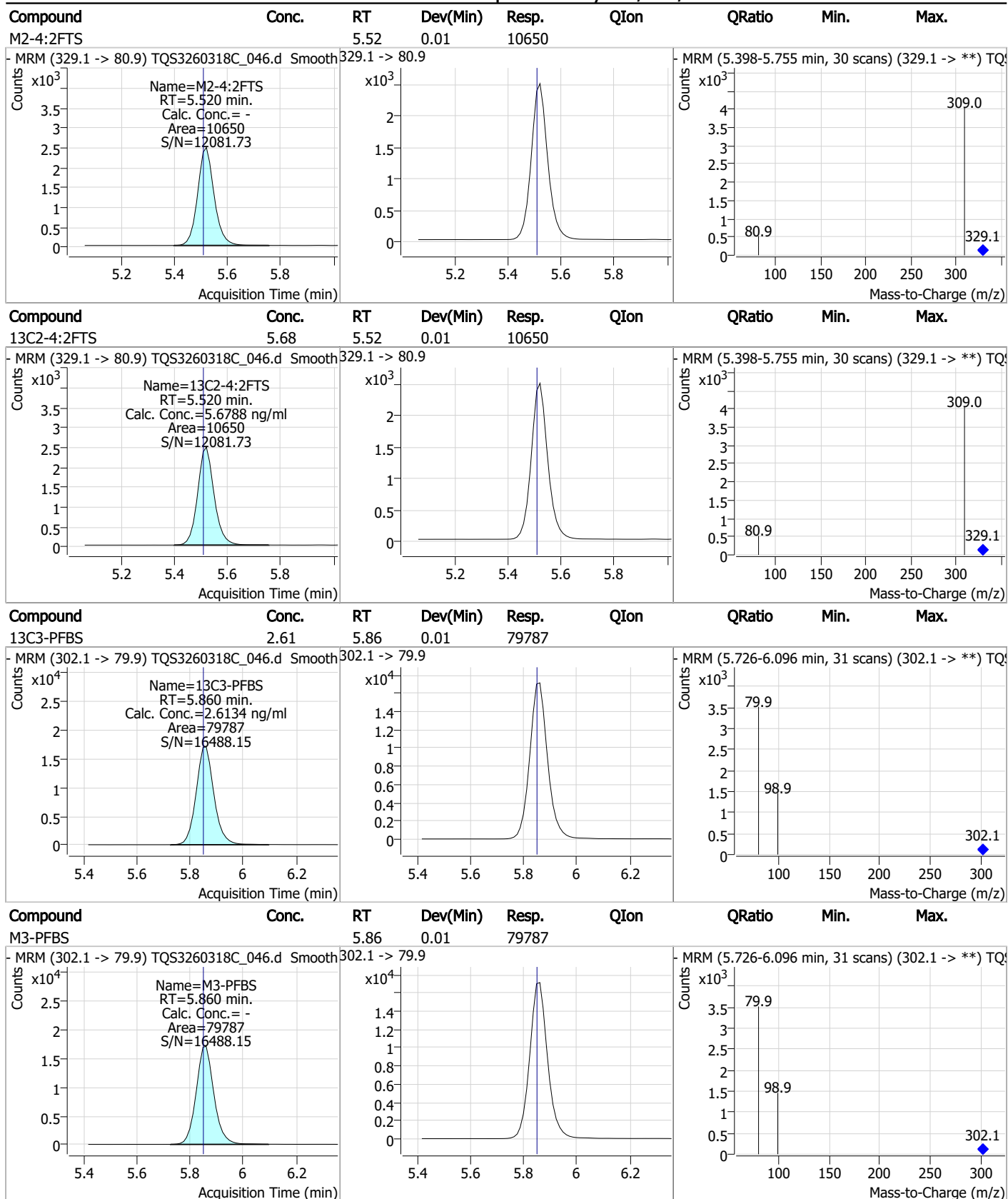
Compound	RT	QIon	Resp.	Symmetry	Conc.	Units	Dev(Min)
PFBS	5.861	298.7 -> 79.9	174		0.01	ng/ml	37
PFDA	8.386	512.9 -> 469.0	608		0.01	ng/ml	57
PFDoDA	9.284	613.1 -> 569.0	714		0.01	ng/ml	66
PFDoDS	-	699.1 -> 79.9	-	-	N.D.		
PFDS	-	599.0 -> 79.9	-	-	N.D.		
PFEESA	-	314.8 -> 134.9	-	-	N.D.		
PFHpA	6.751	363.1 -> 319.0	1143		0.01	ng/ml	99
PFHpS	-	449.0 -> 79.9	-	-	N.D.		
PFHxA	5.871	313.0 -> 269.0	2261		0.01	ng/ml	91
PFHxS	7.504	398.7 -> 79.9	251		0.01	ng/ml	29
PFMBA	-	279.0 -> 85.1	-	-	N.D.		
PFMPA	-	229.0 -> 84.9	-	-	N.D.		
PFNA	7.888	463.0 -> 419.0	330		0.00	ng/ml	53
PFNS	-	548.8 -> 79.9	-	-	N.D.		
PFOA	7.371	413.0 -> 369.0	5644		0.03	ng/ml	92
PFOS	8.568	498.9 -> 79.9	1001		0.05	ng/ml #	59
PFPeA	4.652	263.0 -> 219.0	2332		0.02	ng/ml	100
PFPeS	-	349.1 -> 79.9	-	-	N.D.		
PFTeDA	9.989	713.1 -> 669.0	173		0.00	ng/ml	71
PFTTrDA	9.656	663.0 -> 619.0	187		0.00	ng/ml	73
PFUnDA	9.077	563.1 -> 519.0	132		0.00	ng/ml	57

= Qualifier out of range, m = manually integrated, + = Area summed

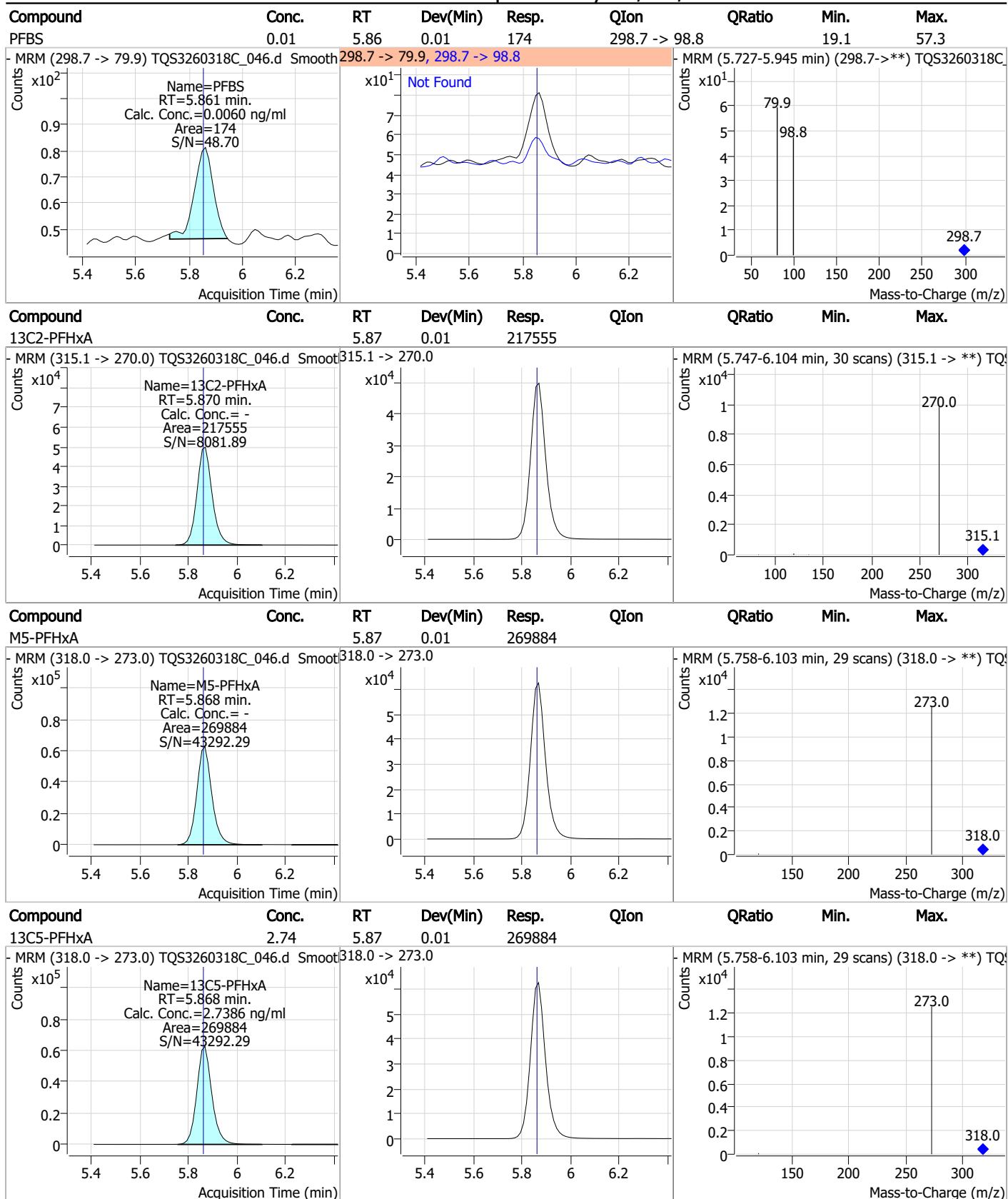


Perfluorinated Compounds by LC/MS/MS

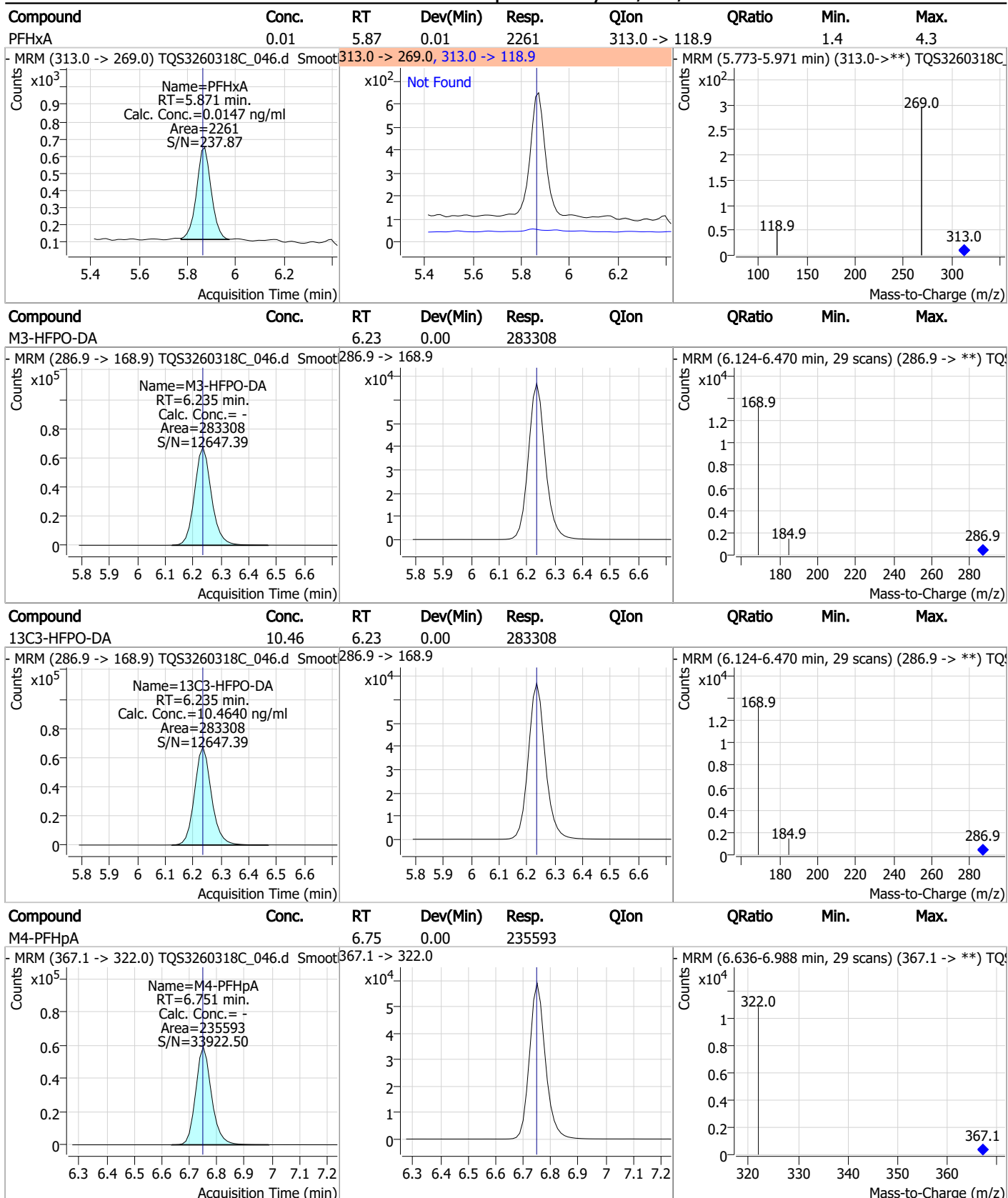




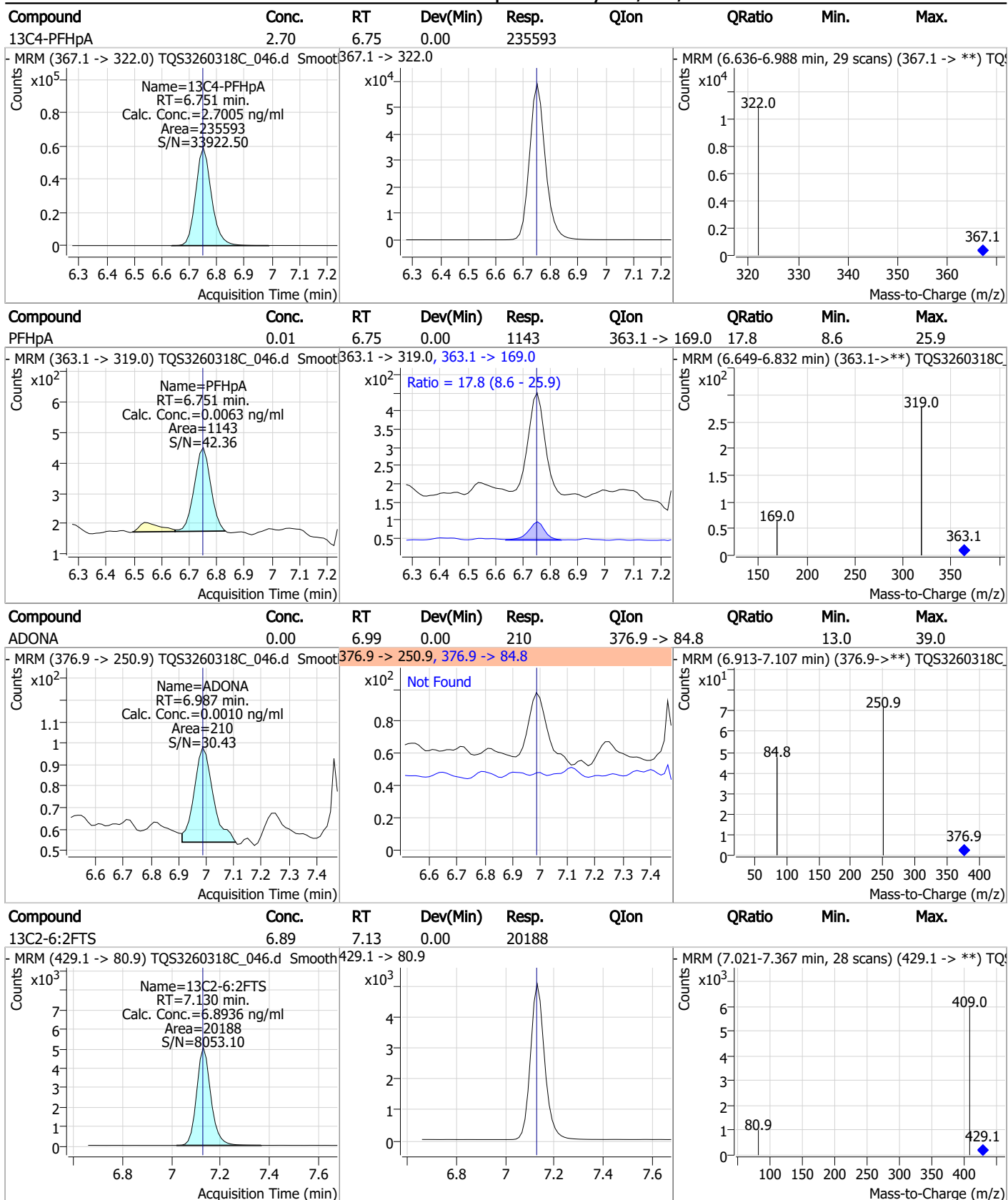
Perfluorinated Compounds by LC/MS/MS



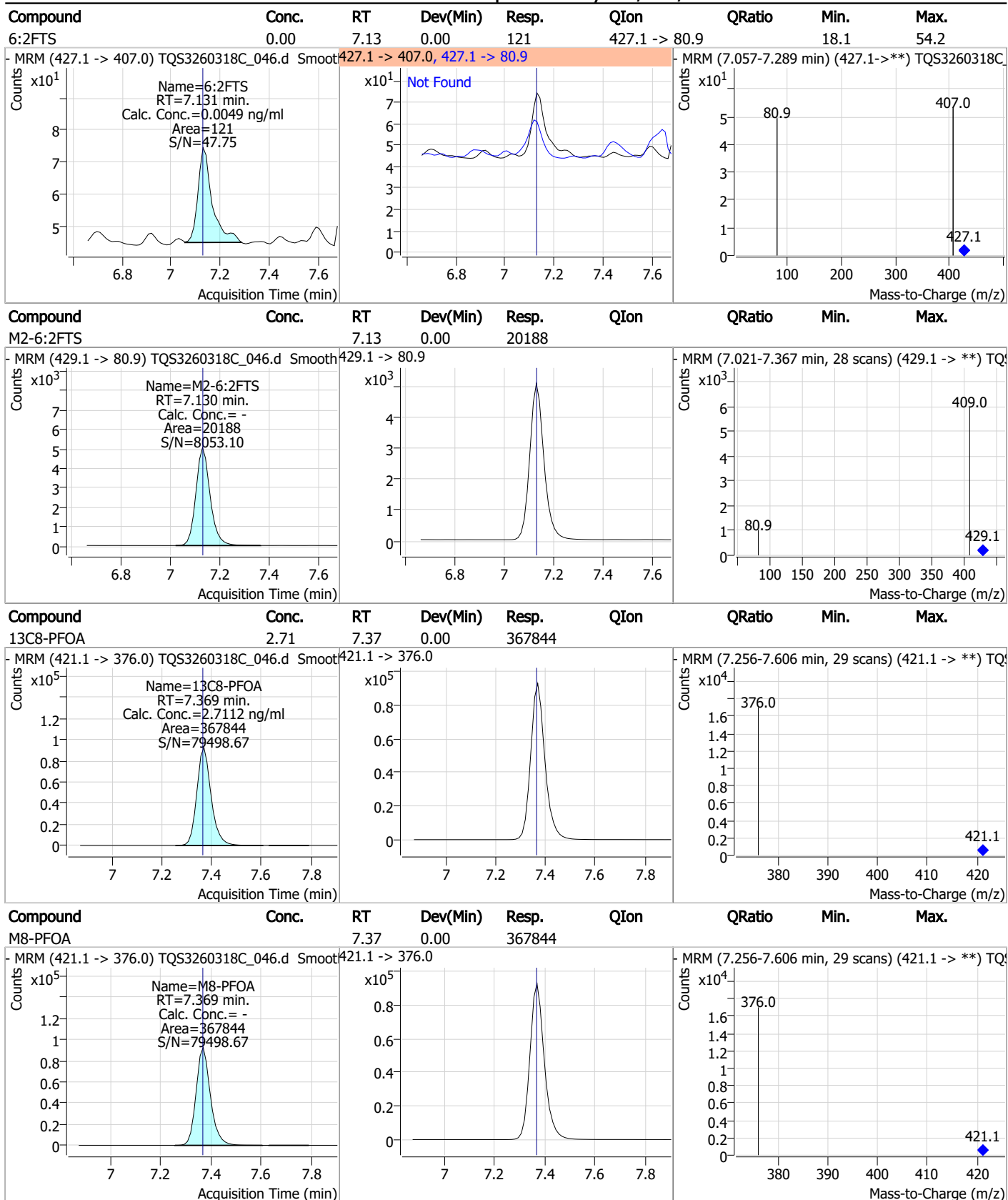
Perfluorinated Compounds by LC/MS/MS



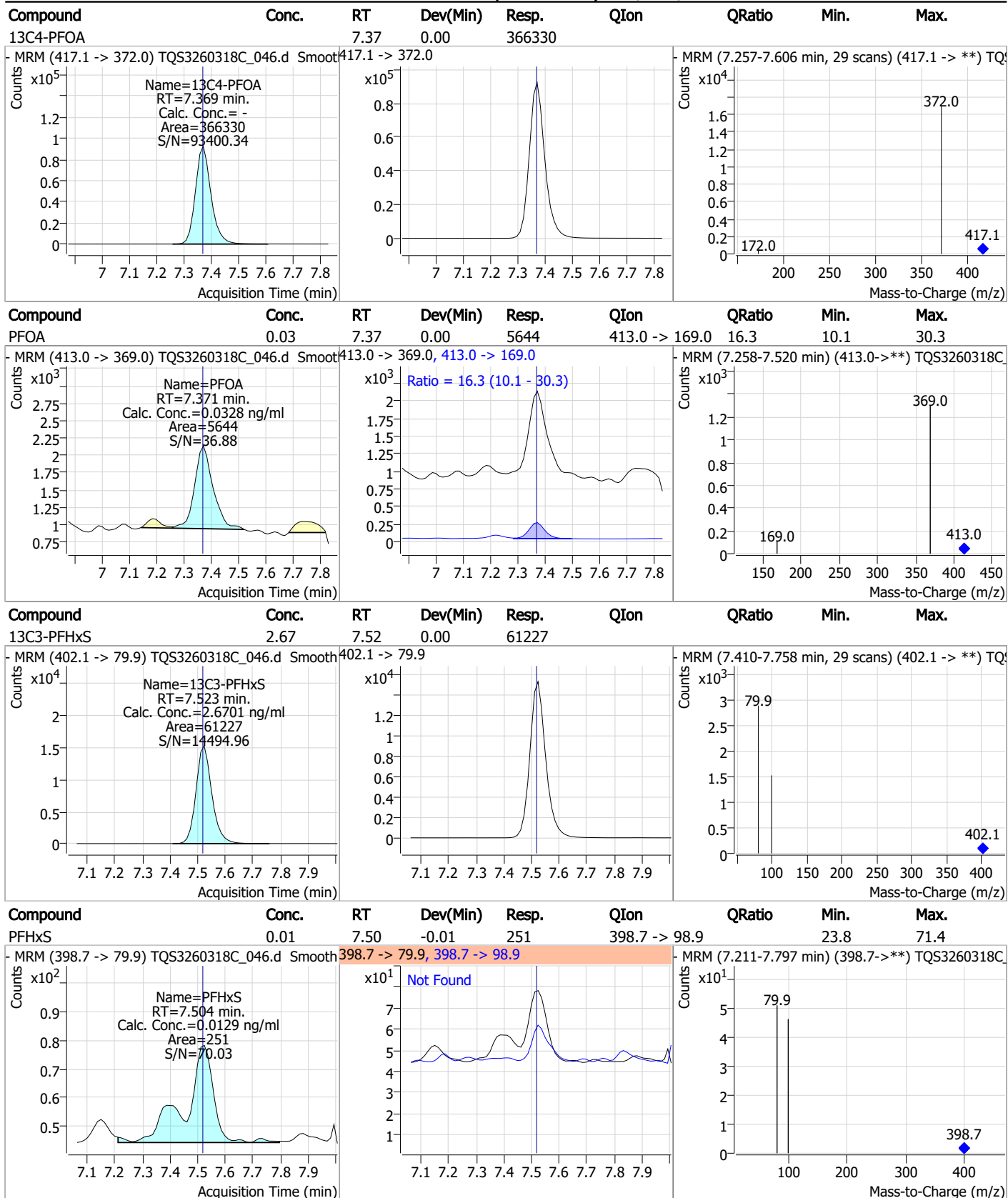
Perfluorinated Compounds by LC/MS/MS



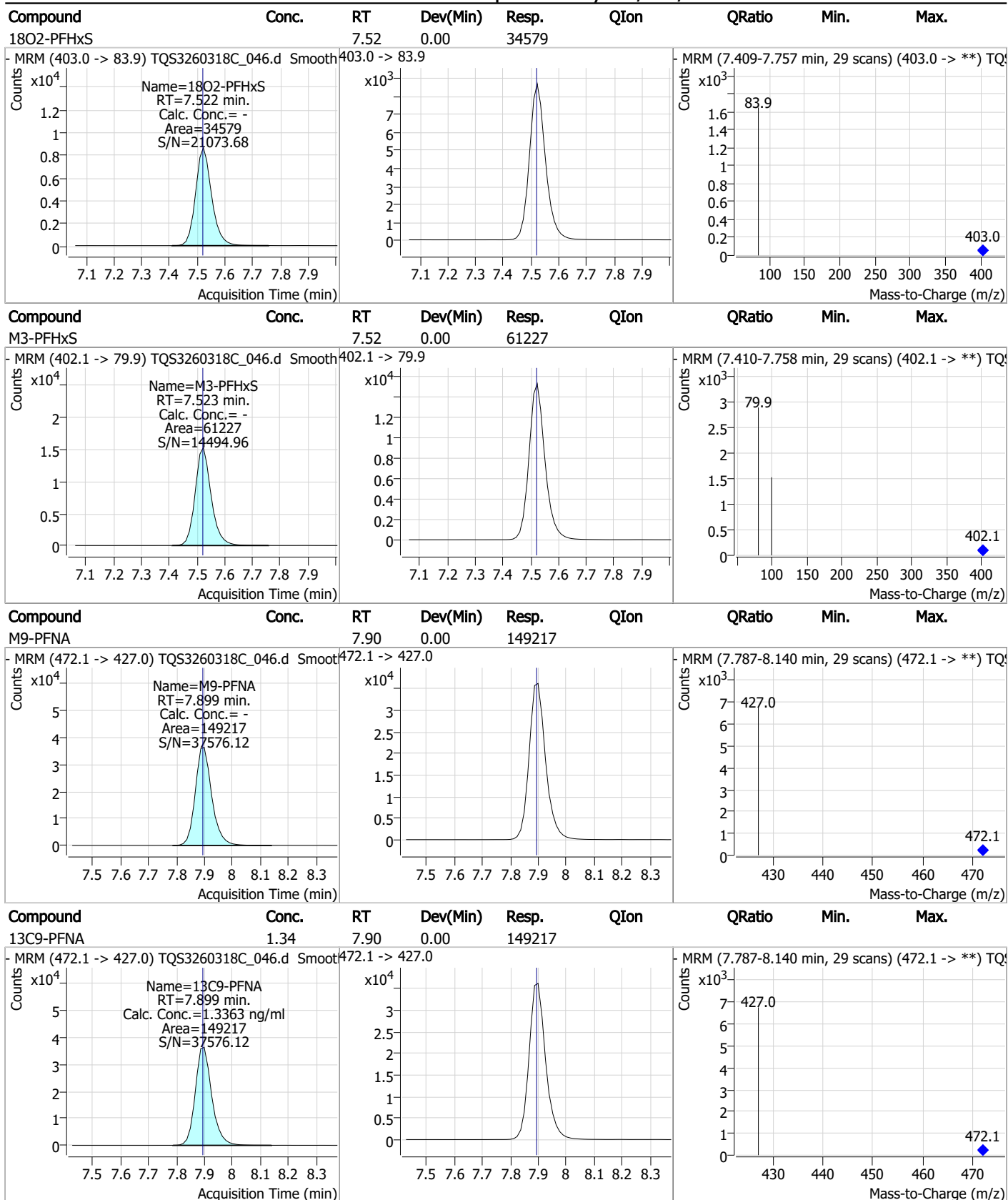
Perfluorinated Compounds by LC/MS/MS



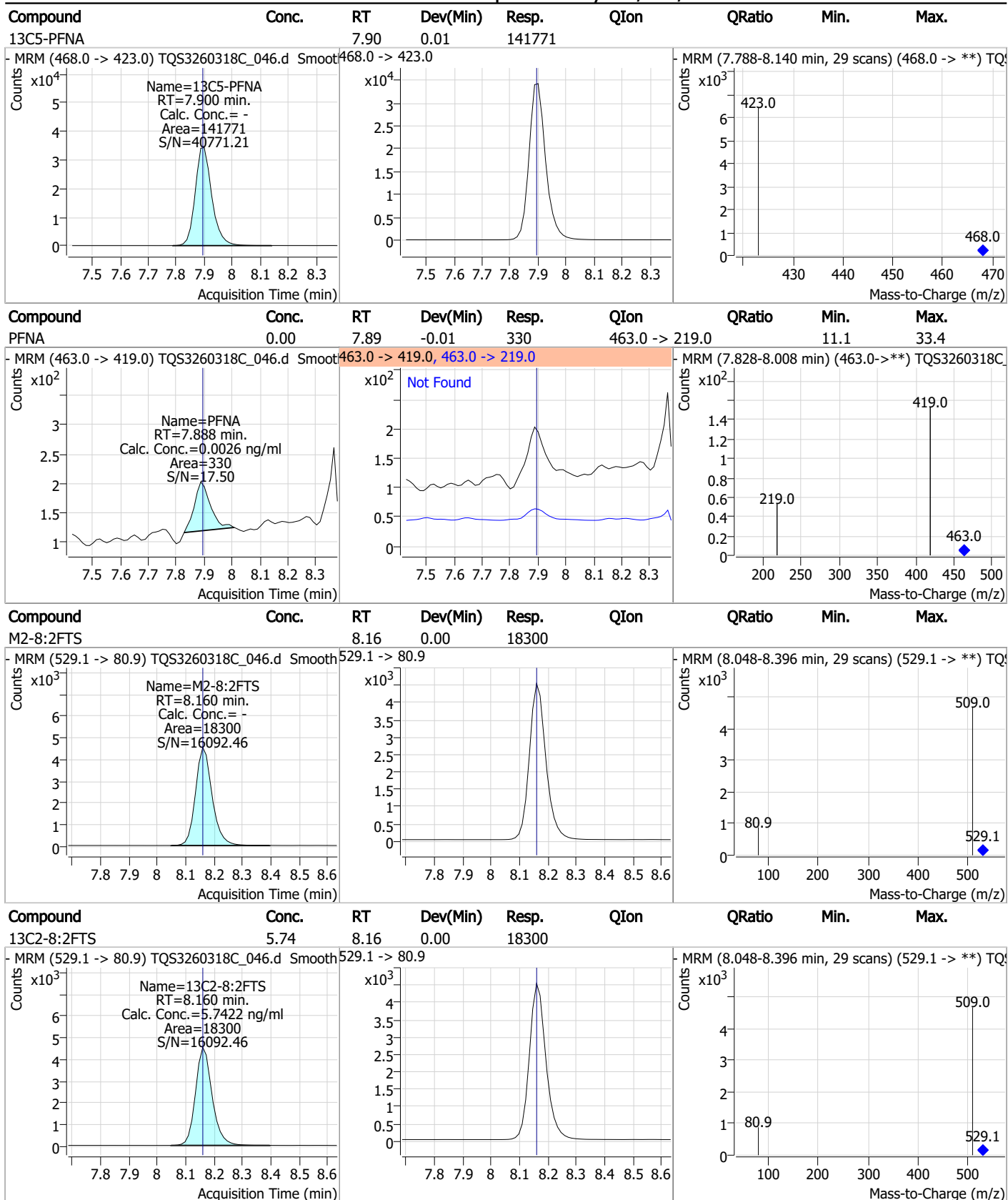
Perfluorinated Compounds by LC/MS/MS



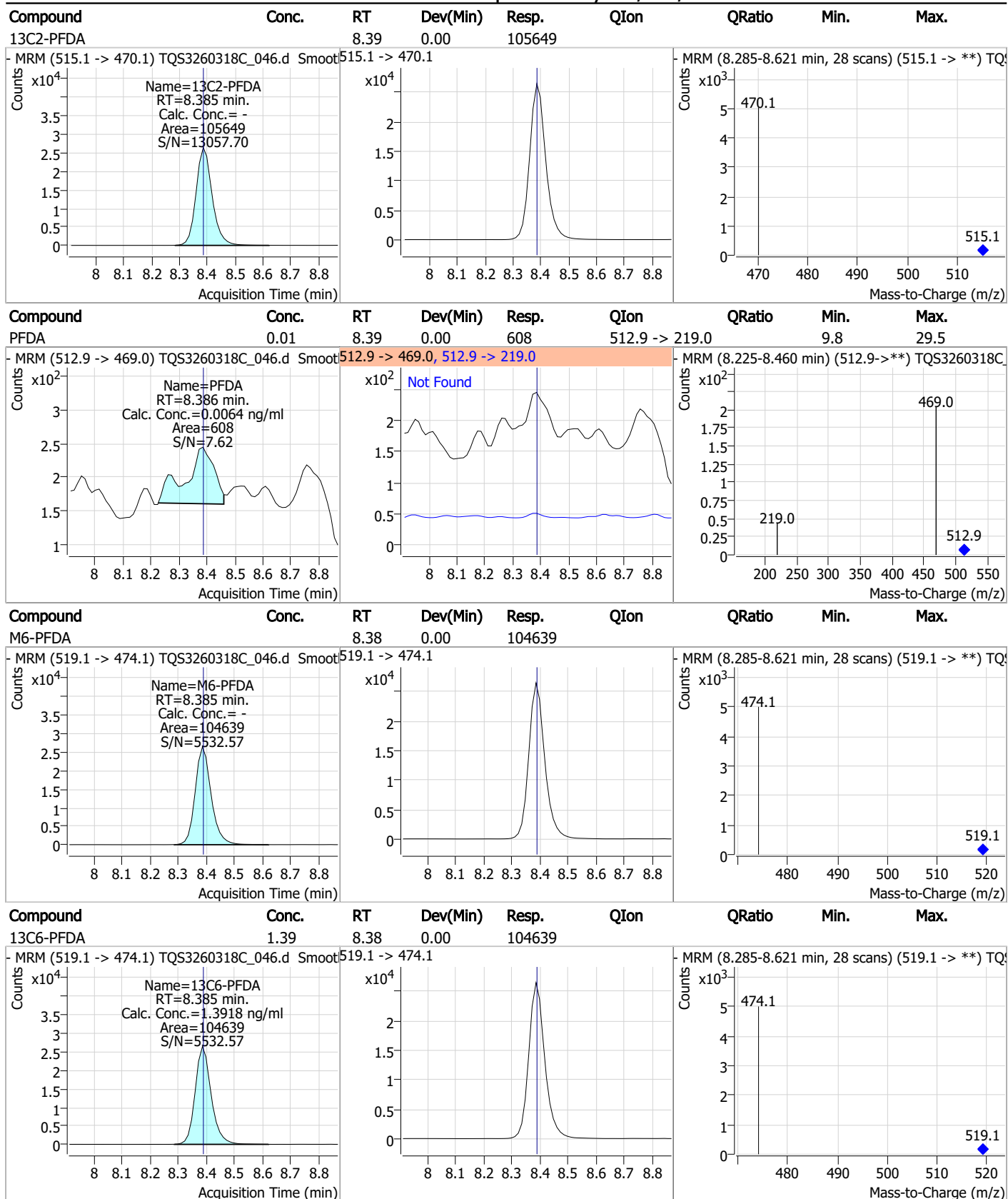
Perfluorinated Compounds by LC/MS/MS



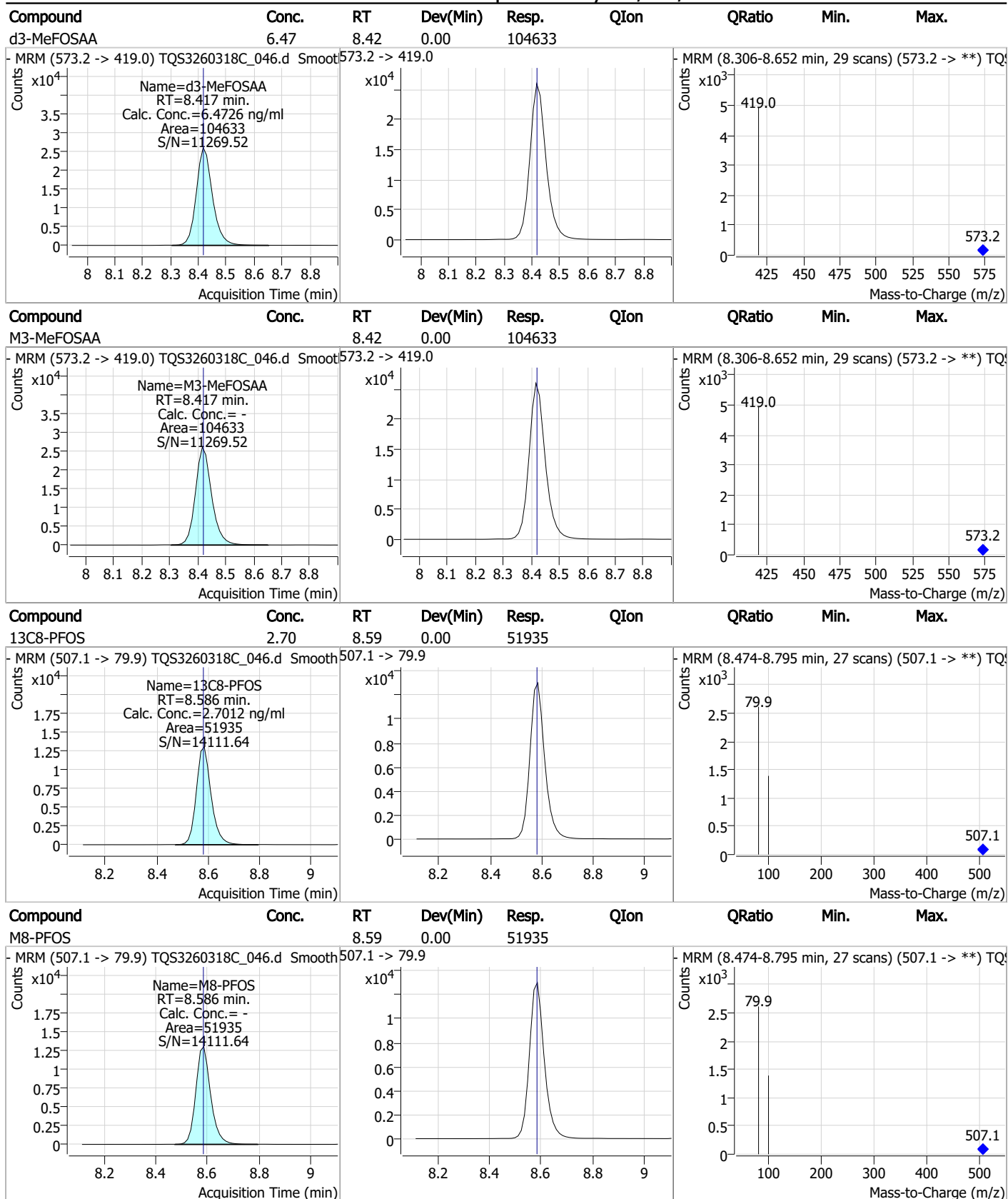
Perfluorinated Compounds by LC/MS/MS

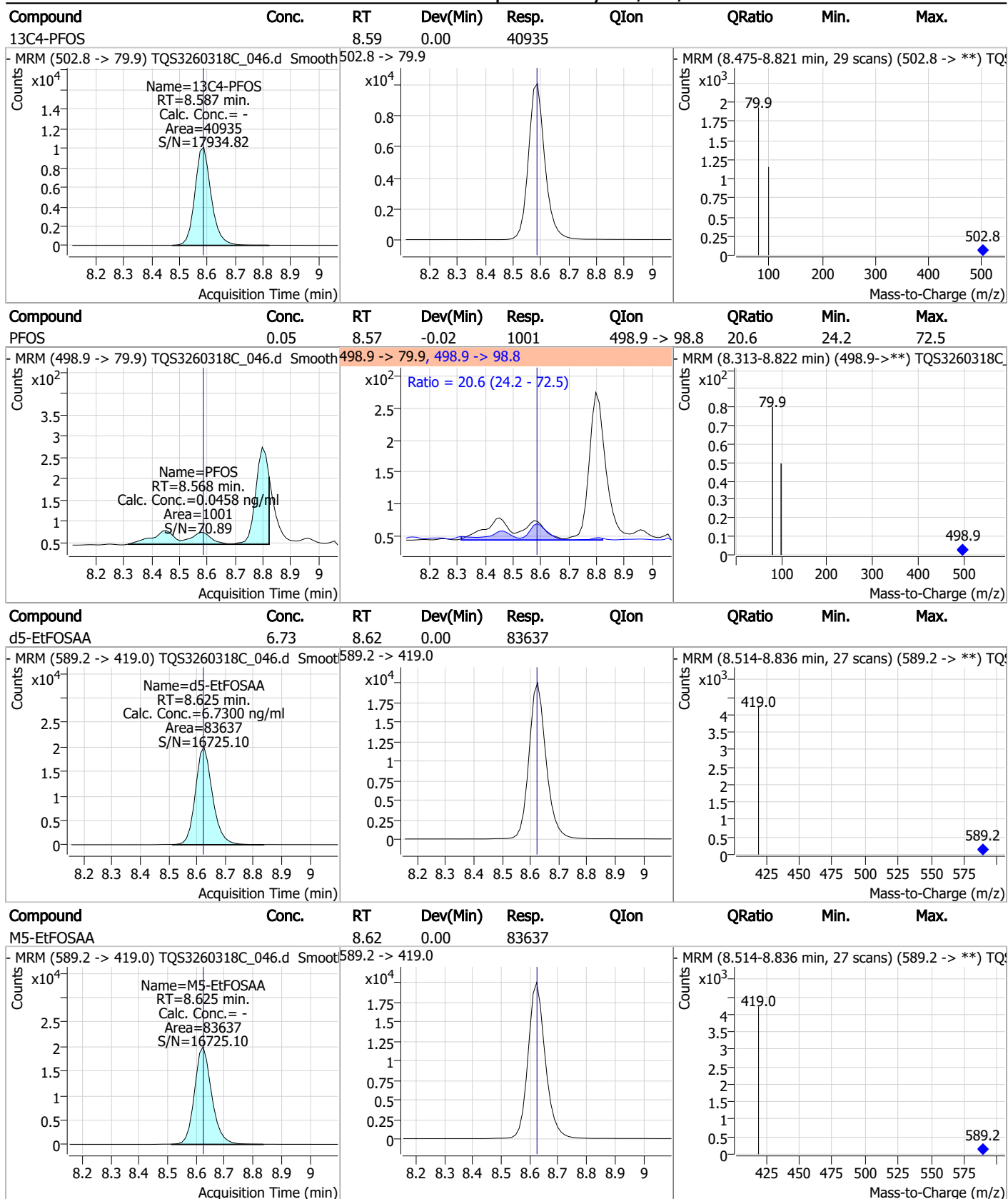


Perfluorinated Compounds by LC/MS/MS

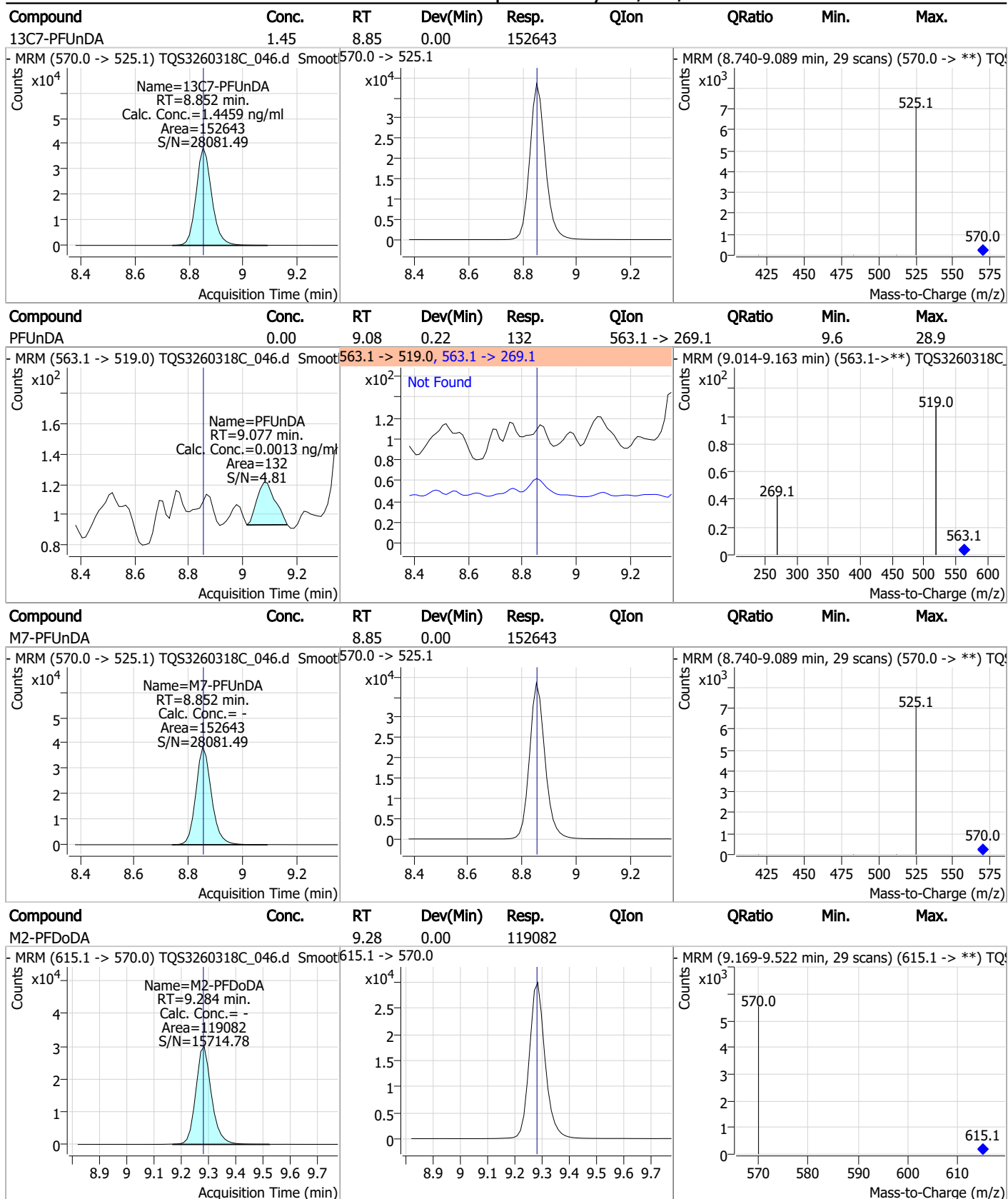


Perfluorinated Compounds by LC/MS/MS

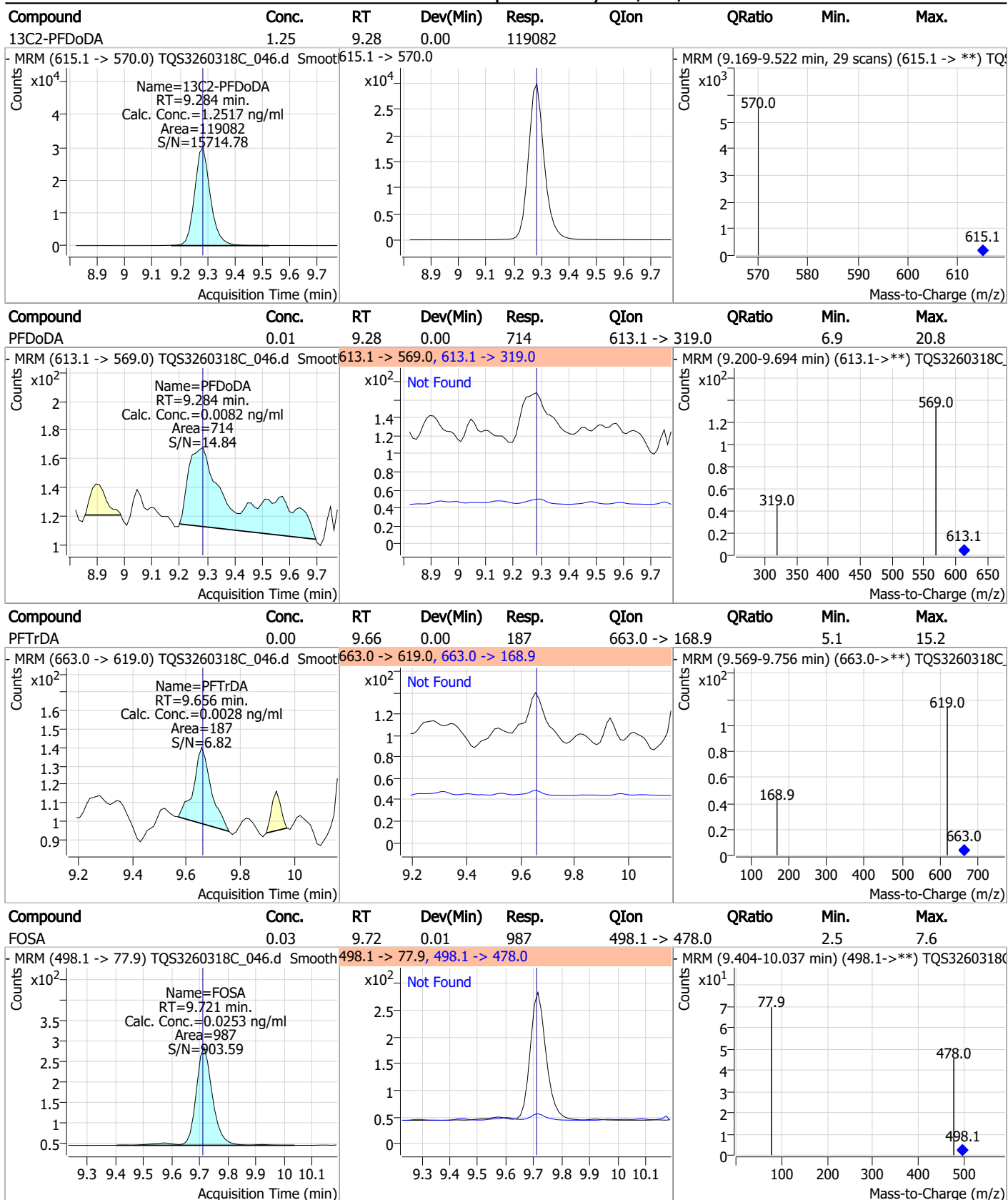


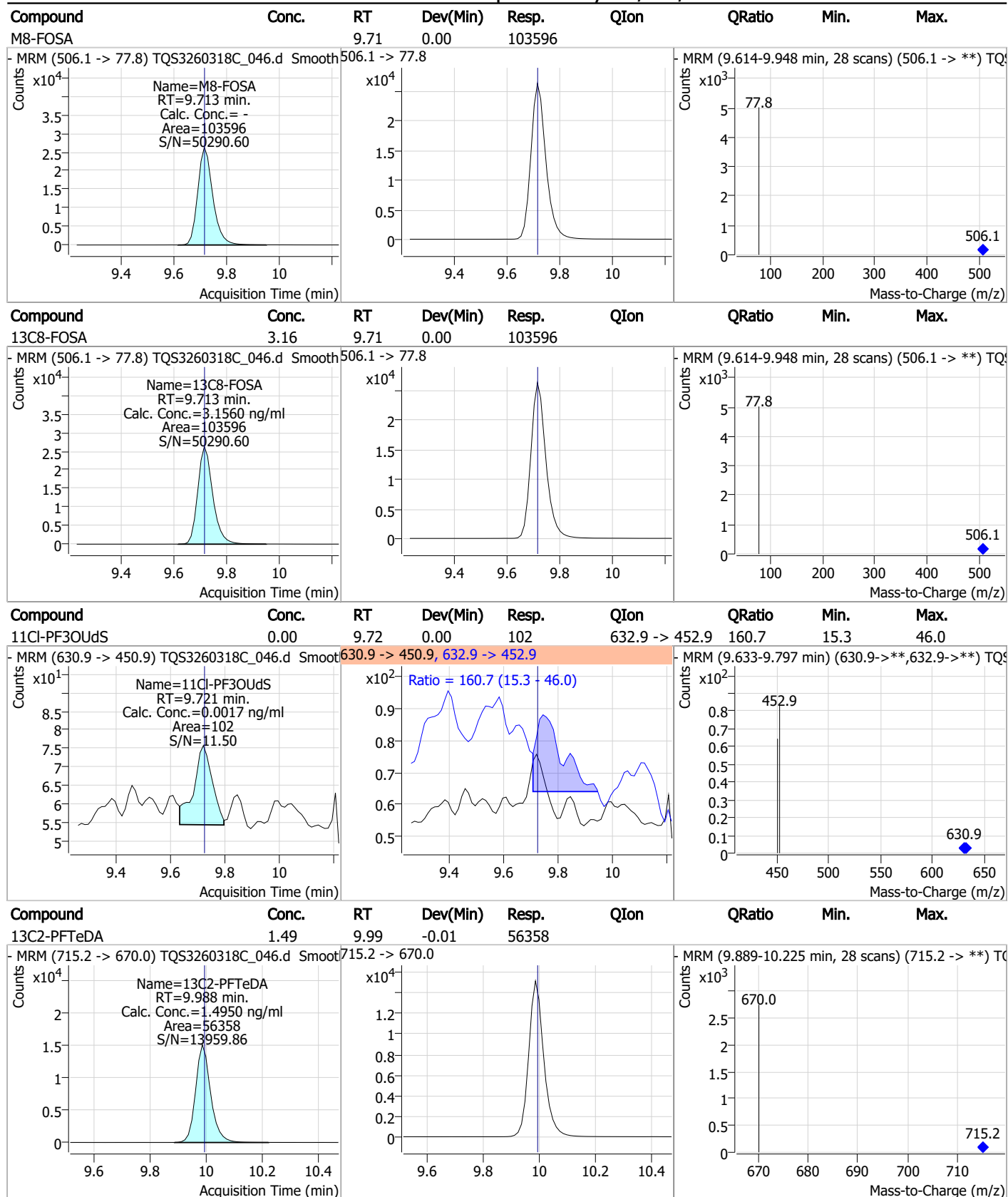


Perfluorinated Compounds by LC/MS/MS

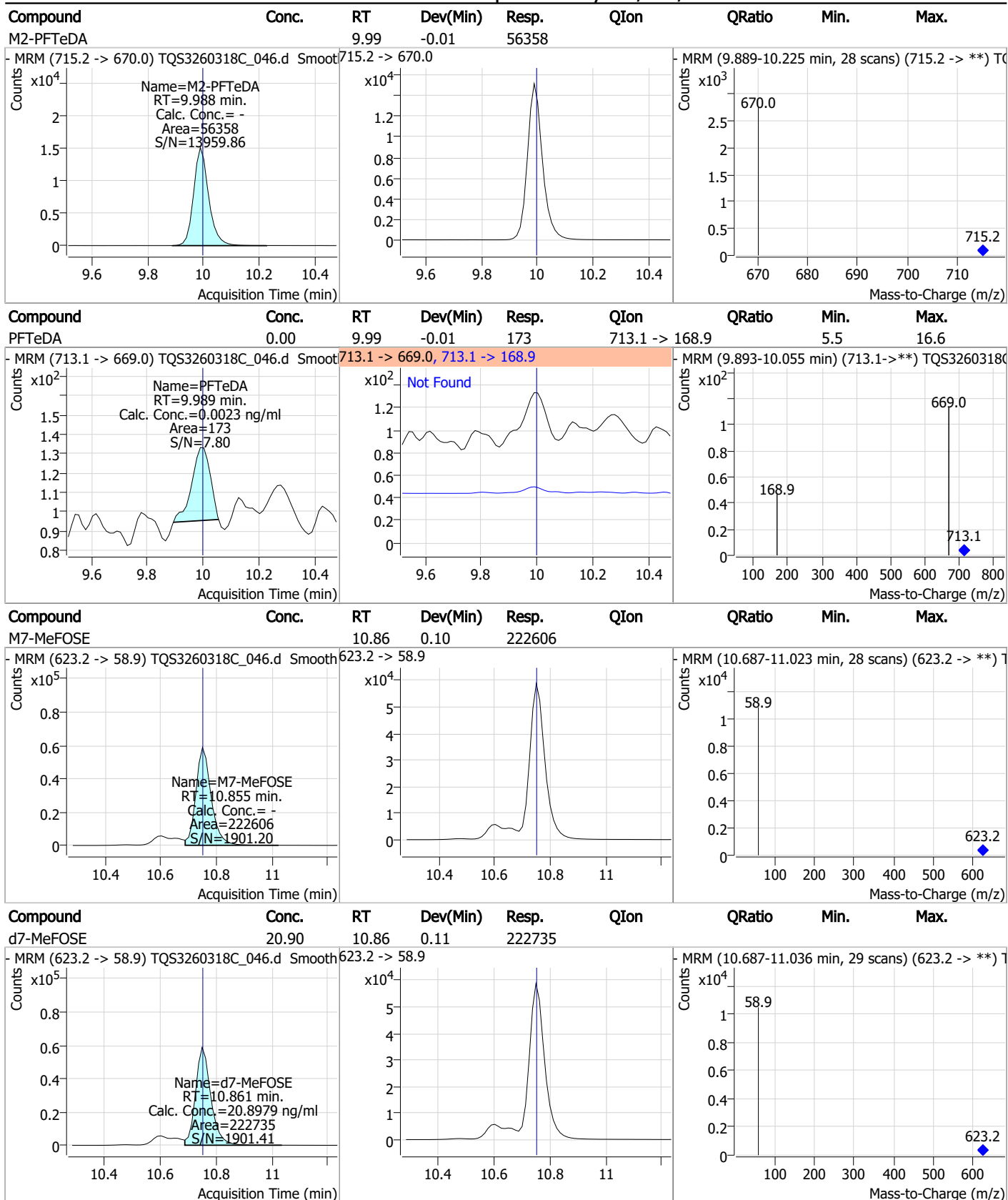


Perfluorinated Compounds by LC/MS/MS

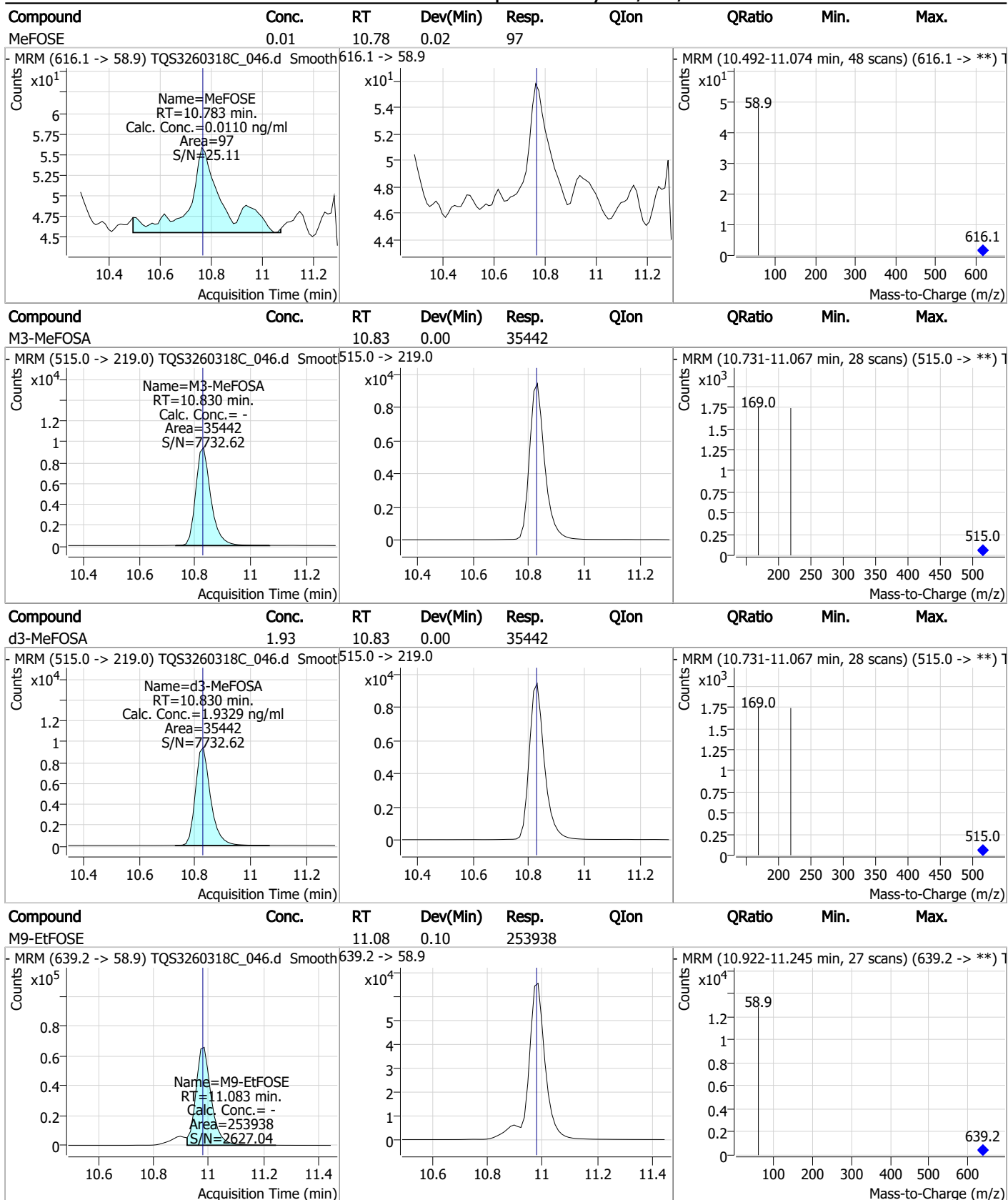




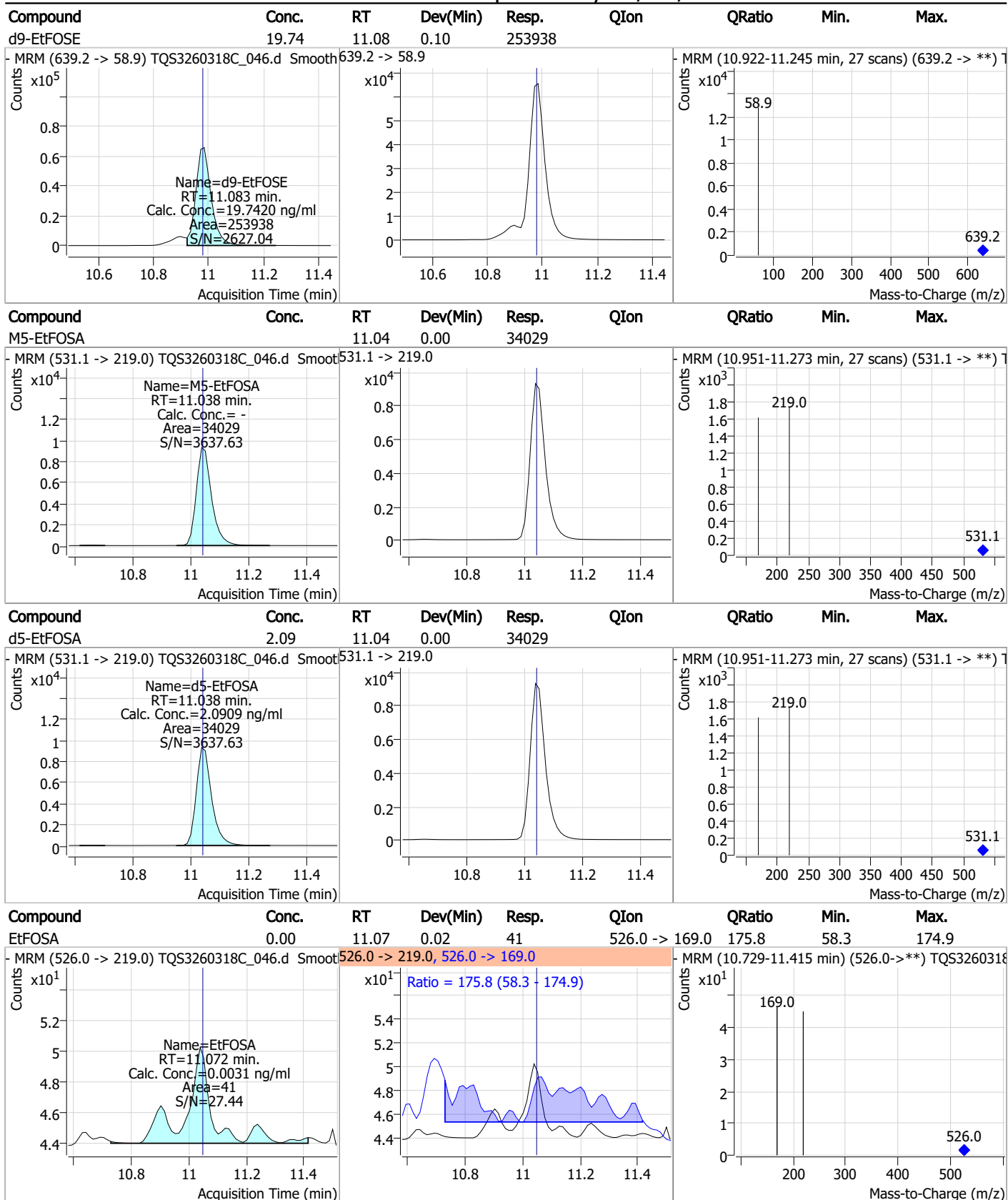
Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Data File : TQS3260318C_047.d
 Operator
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 5:14:33 AM
 Sample Name : 0557_3
 Vial : P3-C6
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3914_1633.batch.bin
 Sample Information :

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Internal Standards					
13C2-PFDA	8.385	515.1 -> 470.1	117278	1.25 ng/ml	0.000
13C2-PFHxA	5.870	315.1 -> 270.0	241752	2.50 ng/ml	0.008
13C3-PFBA	3.190	216.0 -> 172.0	371933	5.00 ng/ml	0.016
13C4-PFOA	7.369	417.1 -> 372.0	405422	2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	45228	2.50 ng/ml	0.002
13C5-PFNA	7.887	468.0 -> 423.0	155368	1.25 ng/ml	-0.007
18O2-PFHxS	7.522	403.0 -> 83.9	37886	2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	11339	5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	18875	5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	19150	5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	127422	1.25 ng/ml	0.003
M2-PFTeDA	9.988	715.2 -> 670.0	54987	1.25 ng/ml	-0.009
M3-HFPO-DA	6.235	286.9 -> 168.9	292195	10.00 ng/ml	0.000
M3-MeFOSA	10.830	515.0 -> 219.0	38395	2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	103594	5.00 ng/ml	-0.004
M3-PFBS	5.848	302.1 -> 79.9	88915	2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	66769	2.50 ng/ml	0.002
M4-PFBA	3.186	216.8 -> 171.9	962623	10.00 ng/ml	0.012
M4-PFHpA	6.751	367.1 -> 322.0	260210	2.50 ng/ml	0.002
M5-EtFOSA	11.050	531.1 -> 219.0	37363	2.50 ng/ml	0.009
M5-EtFOSAA	8.625	589.2 -> 419.0	76241	5.00 ng/ml	-0.001
M5-PFHxA	5.868	318.0 -> 273.0	295699	2.50 ng/ml	0.006
M5-PFPeA	4.649	268.3 -> 223.0	429038	5.00 ng/ml	0.008
M6-PFDA	8.385	519.1 -> 474.1	112152	1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	247373	25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	158764	1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	114064	2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	397891	2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	56849	2.50 ng/ml	0.002
M9-EtFOSE	11.083	639.2 -> 58.9	284930	25.00 ng/ml	0.105
M9-PFNA	7.887	472.1 -> 427.0	166162	1.25 ng/ml	-0.007

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	11339	5.52 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 110.4%	
13C2-6:2FTS	7.130	429.1 -> 80.9	18875	5.88 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 117.7%	
13C2-8:2FTS	8.160	529.1 -> 80.9	19150	5.48 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 109.7%	
13C2-PFDoDA	9.284	615.1 -> 570.0	127422	1.21 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 96.5%	
13C2-PFTeDA	9.988	715.2 -> 670.0	54987	1.31 ng/ml	-0.008
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 105.1%	
13C3-HFPO-DA	6.235	286.9 -> 168.9	292195	9.71 ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 97.1%	
d3-MeFOSA	10.830	515.0 -> 219.0	38395	1.90 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc.	Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 75.8%		
d3-MeFOSAA	8.417	573.2 -> 419.0	103594		5.80	ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 116.0%		
13C3-PFBS	5.848	302.1 -> 79.9	88915		2.66	ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 106.3%		
13C3-PFHxS	7.523	402.1 -> 79.9	66769		2.66	ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 106.3%		
13C4-PFBA	3.183	216.8 -> 171.9	966972		11.01	ng/ml	0.011
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 110.1%		
13C4-PFHpA	6.751	367.1 -> 322.0	260210		2.68	ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 107.4%		
d5-EtFOSA	11.050	531.1 -> 219.0	37363		2.08	ng/ml	0.009
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 83.1%		
d5-EtFOSAA	8.625	589.2 -> 419.0	76241		5.55	ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 111.0%		
13C5-PFHxA	5.868	318.0 -> 273.0	295699		2.70	ng/ml	0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 108.0%		
13C5-PFPeA	4.649	268.3 -> 223.0	429038		5.45	ng/ml	0.010
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 109.1%		
13C6-PFDA	8.385	519.1 -> 474.1	112152		1.34	ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 107.5%		
d7-MeFOSE	10.861	623.2 -> 58.9	247509		21.02	ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 84.1%		
13C7-PFUnDA	8.852	570.0 -> 525.1	158764		1.35	ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 108.4%		
13C8-FOSA	9.713	506.1 -> 77.8	114064		3.15	ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 125.8%		
13C8-PFOA	7.369	421.1 -> 376.0	397891		2.65	ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 106.0%		
13C8-PFOS	8.586	507.1 -> 79.9	56849		2.68	ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 107.0%		
d9-EtFOSE	11.083	639.2 -> 58.9	284930		20.05	ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 80.2%		
13C9-PFNA	7.887	472.1 -> 427.0	166162		1.36	ng/ml	-0.007
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 108.6%		

Target Compounds

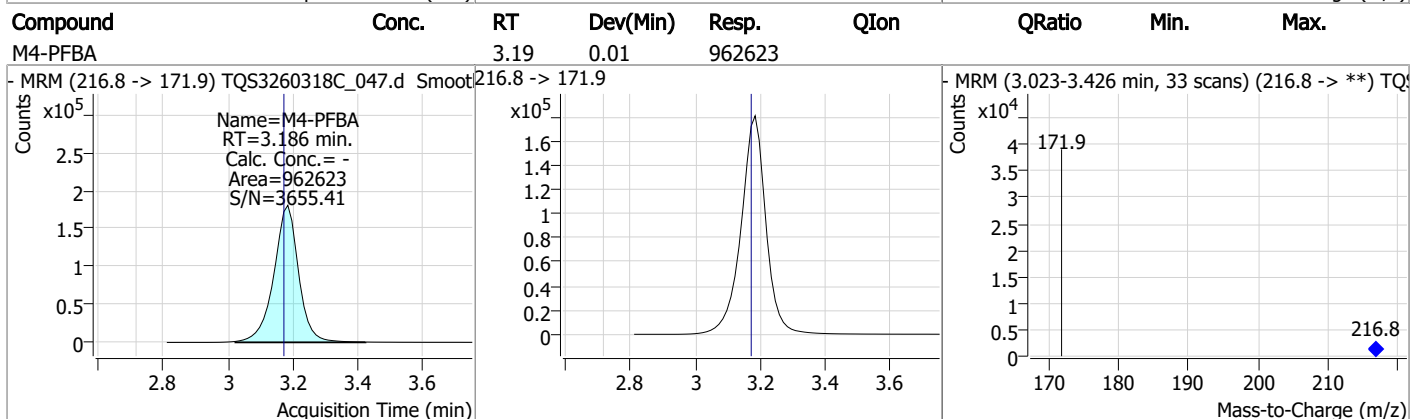
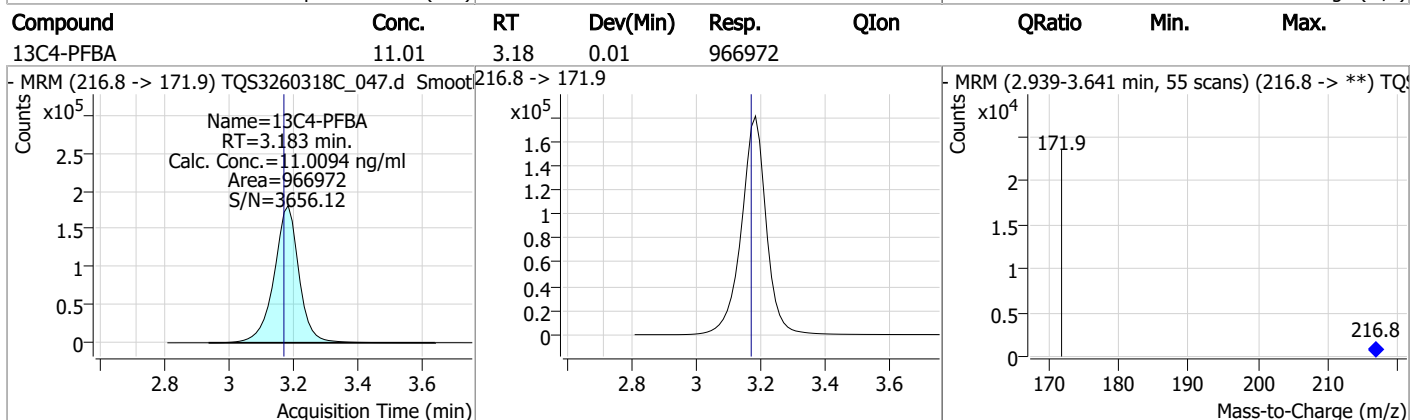
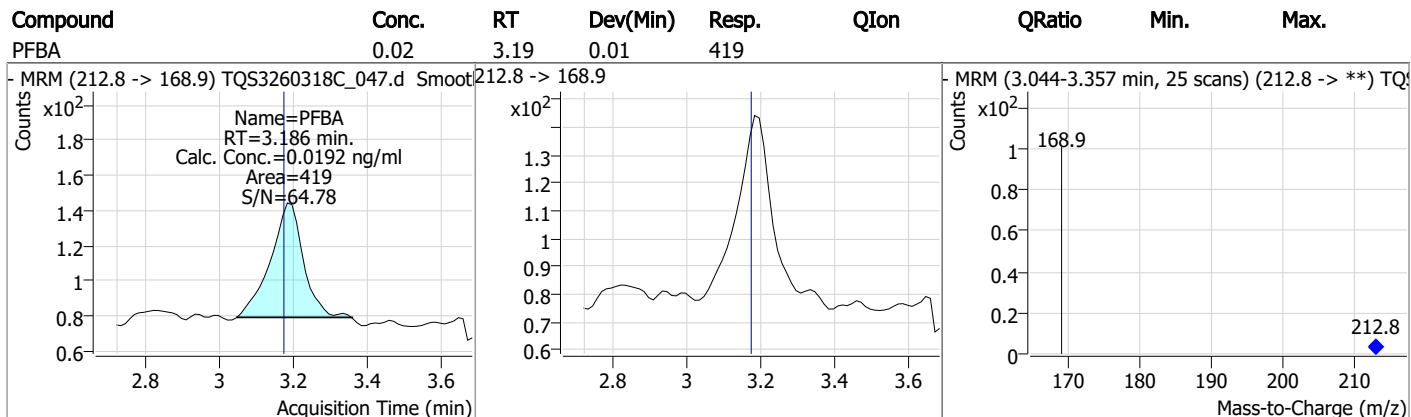
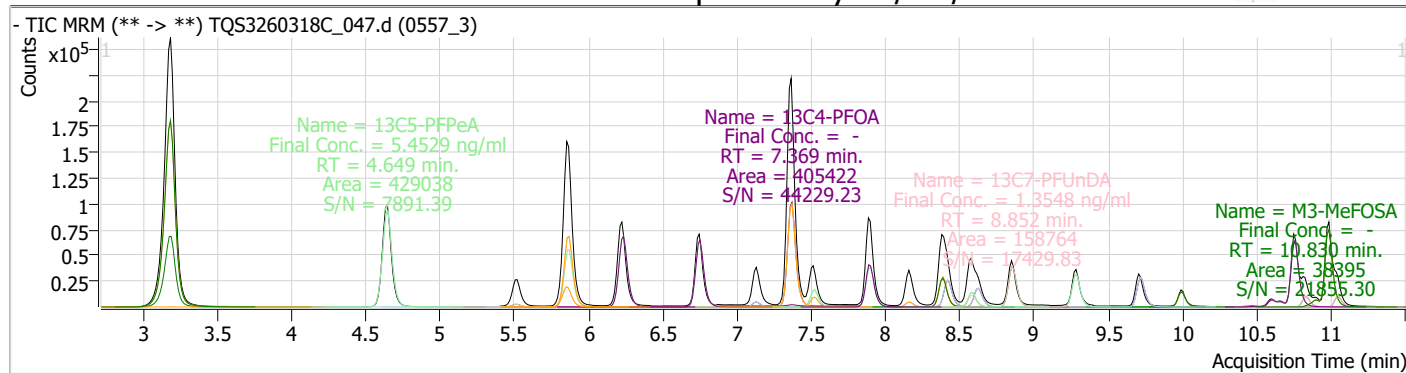
QValue

11CI-PF3OUdS	-	630.9 -> 450.9	-	-	N.D.		
TDCA	-	498.9 -> 79.9	-	-	N.D.		
3:3 FTCA	-	241.0 -> 177.0	-	-	N.D.		
4:2FTS	-	327.1 -> 307.0	-	-	N.D.		
5:3 FTCA	-	341.0 -> 237.1	-	-	N.D.		
6:2FTS	7.131	427.1 -> 407.0	262		0.01	ng/ml	89
7:3 FTCA	-	441.0 -> 316.9	-	-	N.D.		
8:2FTS	-	527.1 -> 507.0	-	-	N.D.		
9CI-PF3ONS	-	530.8 -> 351.0	-	-	N.D.		
ADONA	-	376.9 -> 250.9	-	-	N.D.		
EtFOSA	11.072	526.0 -> 219.0	30		0.00	ng/ml	# 1
EtFOSAA	-	584.2 -> 419.1	-	-	N.D.		
EtFOSE	-	630.0 -> 58.9	-	-	N.D.		
FOSA	9.721	498.1 -> 77.9	538		0.01	ng/ml	85
HFPO-DA	-	284.9 -> 168.9	-	-	N.D.		
MeFOSA	-	511.9 -> 219.0	-	-	N.D.		
MeFOSAA	-	570.1 -> 419.0	-	-	N.D.		
MeFOSE	10.783	616.1 -> 58.9	111		0.01	ng/ml	100
NFDHA	5.740	295.0 -> 201.0	88		0.01	ng/ml	47
PFBA	3.186	212.8 -> 168.9	419		0.02	ng/ml	100

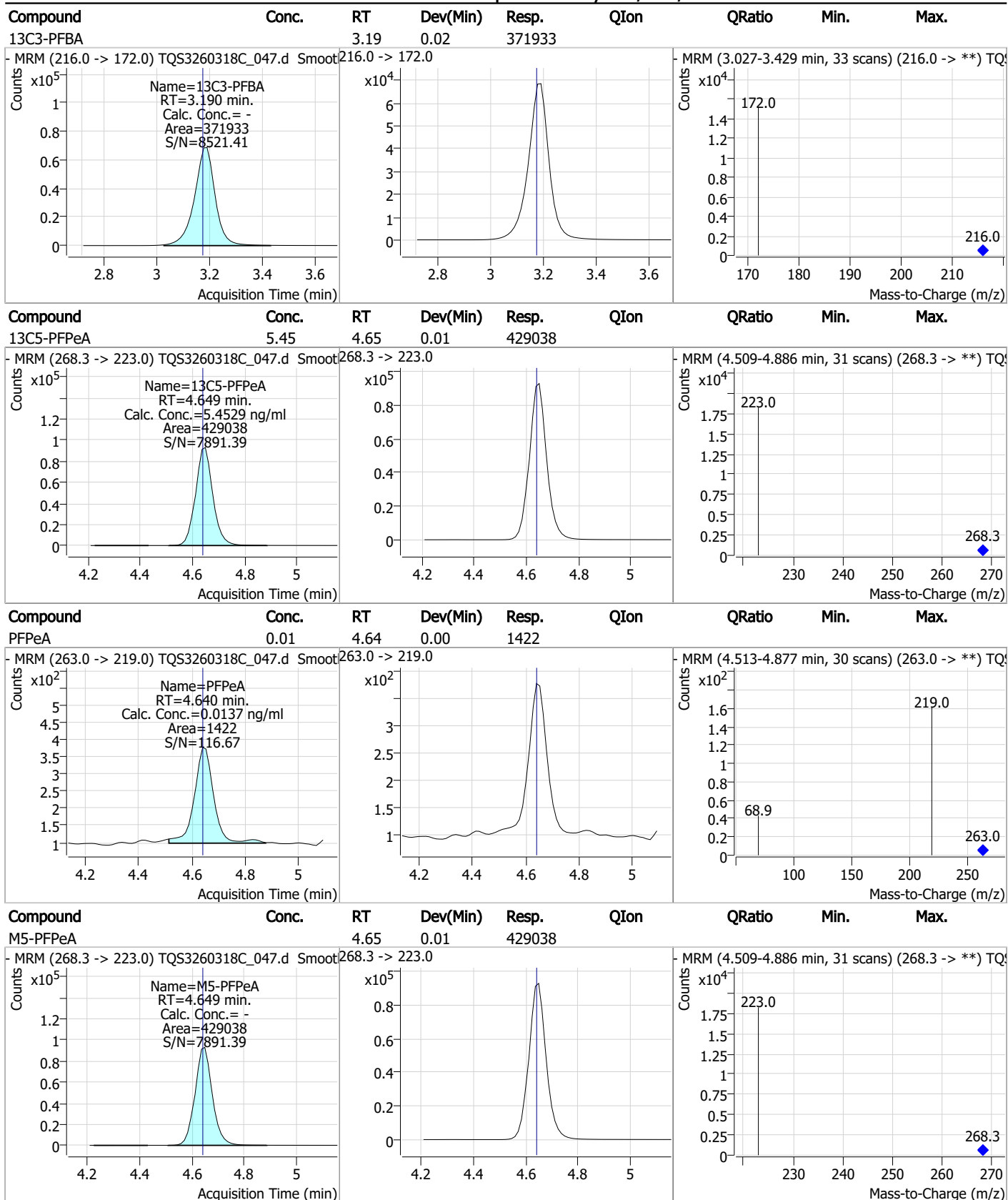
Perfluorinated Compounds by LC/MS/MS

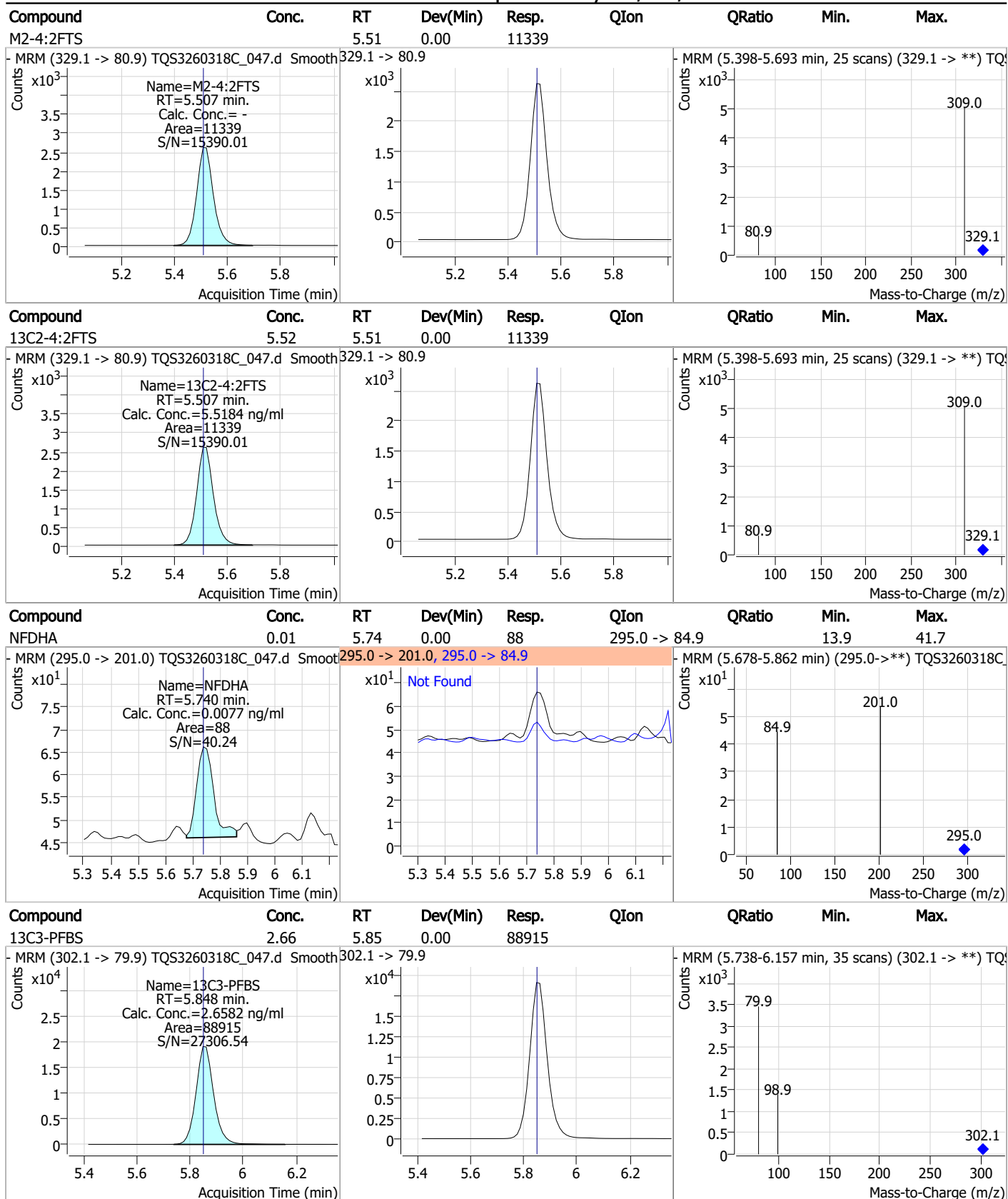
Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
PFBS	5.861	298.7 -> 79.9	160		0.00 ng/ml	37
PFDA	8.398	512.9 -> 469.0	568		0.01 ng/ml	57
PFDoDA	9.272	613.1 -> 569.0	346		0.00 ng/ml	66
PFDoDS	-	699.1 -> 79.9	-	-	N.D.	
PFDS	-	599.0 -> 79.9	-	-	N.D.	
PFEESA	-	314.8 -> 134.9	-	-	N.D.	
PFHpA	6.751	363.1 -> 319.0	846		0.00 ng/ml	92
PFHpS	-	449.0 -> 79.9	-	-	N.D.	
PFHxA	5.859	313.0 -> 269.0	1449		0.01 ng/ml	91
PFHxS	7.504	398.7 -> 79.9	357		0.02 ng/ml	86
PFMBA	-	279.0 -> 85.1	-	-	N.D.	
PFMPA	-	229.0 -> 84.9	-	-	N.D.	
PFNA	7.888	463.0 -> 419.0	705		0.00 ng/ml	80
PFNS	-	548.8 -> 79.9	-	-	N.D.	
PFOA	7.371	413.0 -> 369.0	5313		0.03 ng/ml	93
PFOS	8.568	498.9 -> 79.9	1016		0.04 ng/ml	86
PFPeA	4.640	263.0 -> 219.0	1422		0.01 ng/ml	100
PFPeS	-	349.1 -> 79.9	-	-	N.D.	
PFTeDA	9.989	713.1 -> 669.0	175		0.00 ng/ml	71
PFTrDA	9.656	663.0 -> 619.0	370		0.01 ng/ml	73
PFUnDA	-	563.1 -> 519.0	-	-	N.D.	

= Qualifier out of range, m = manually integrated, + = Area summed

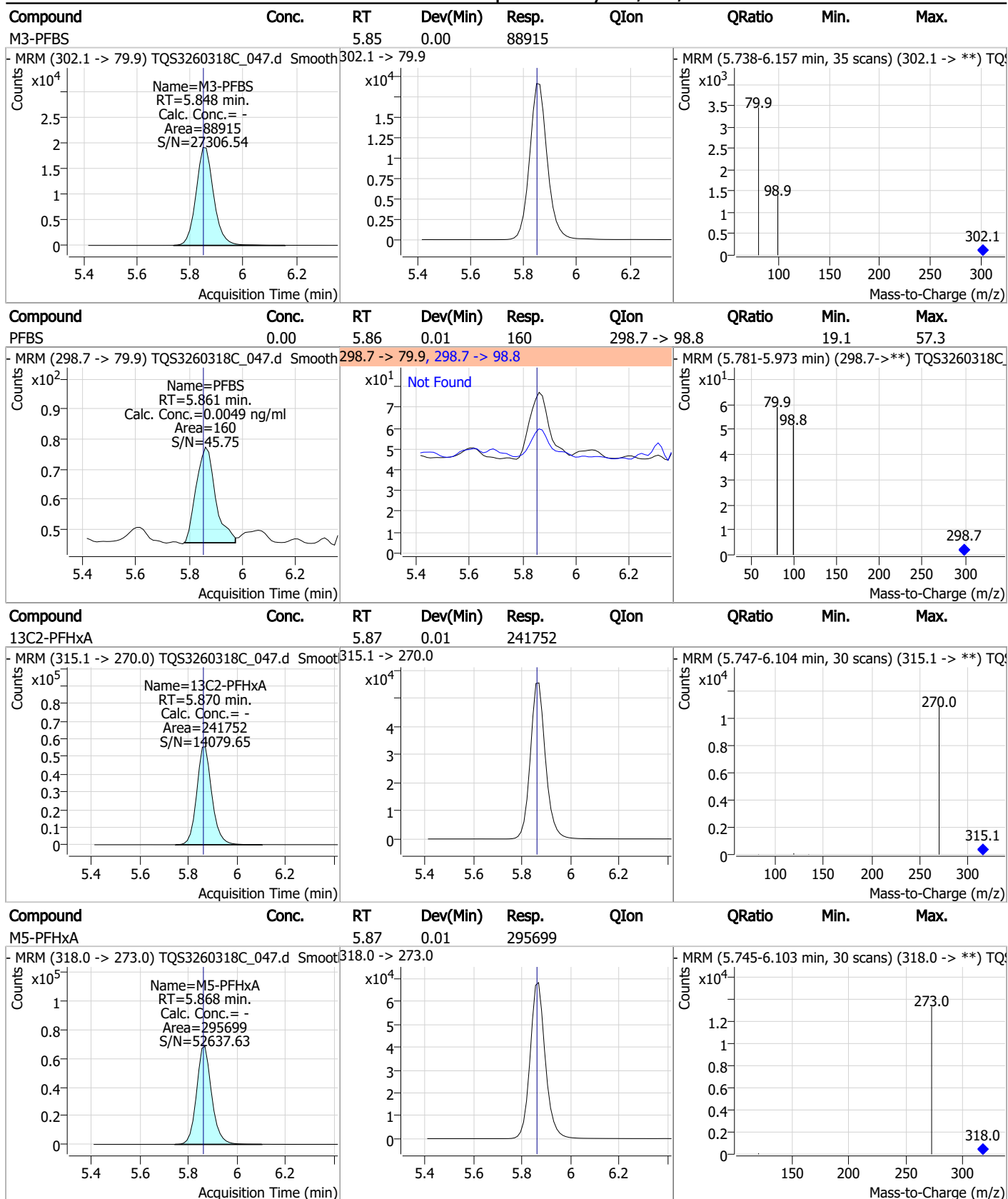


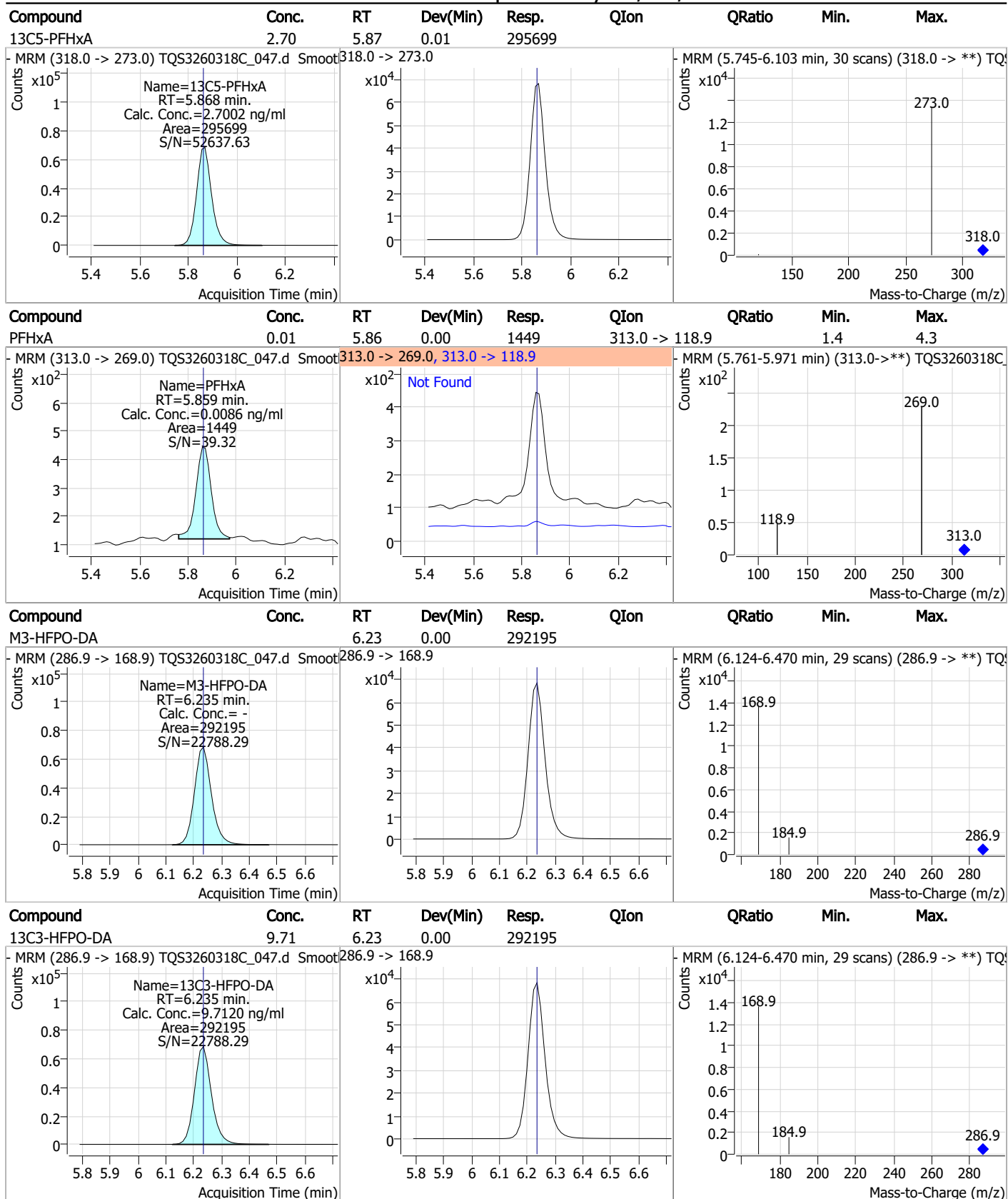
Perfluorinated Compounds by LC/MS/MS



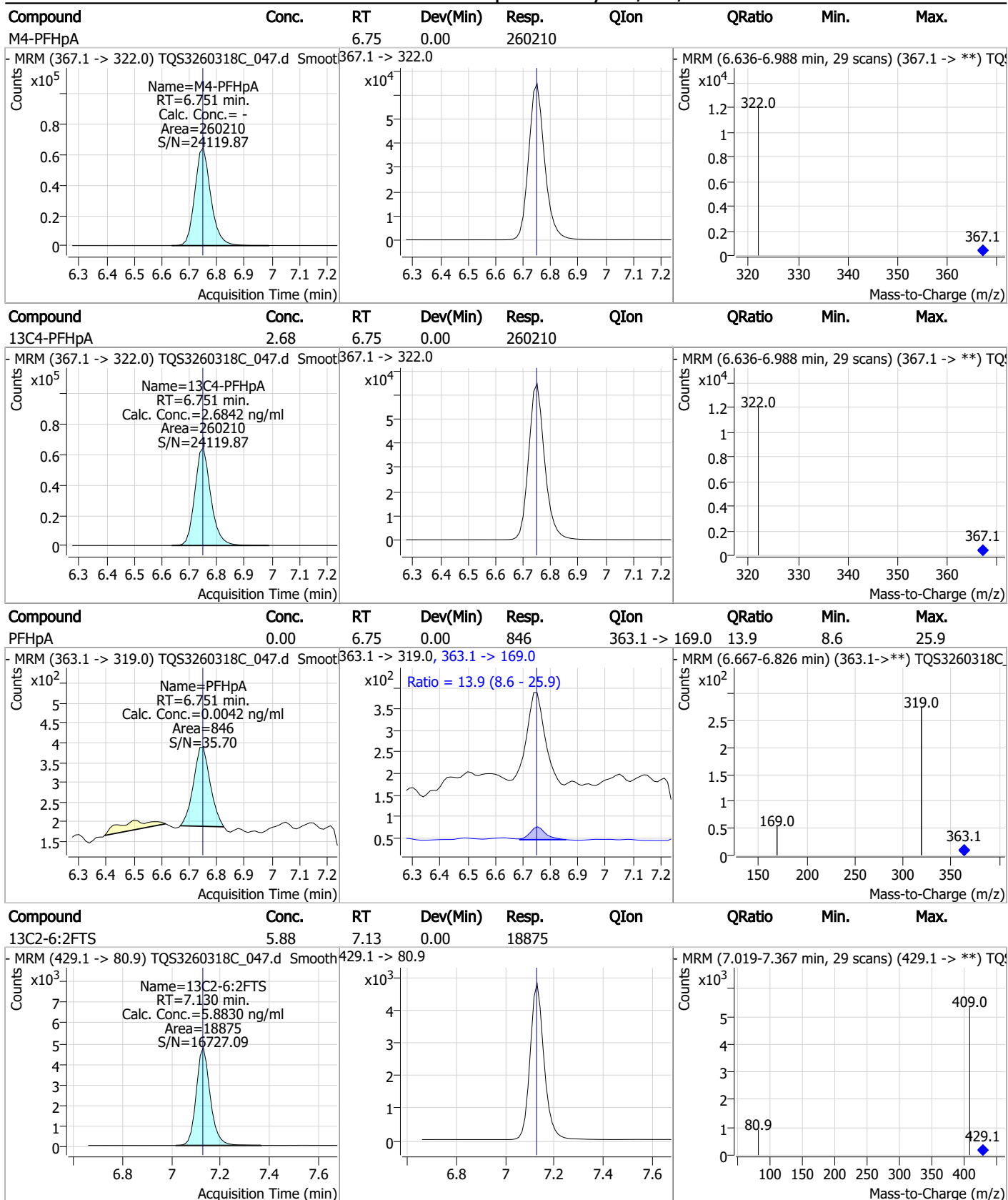


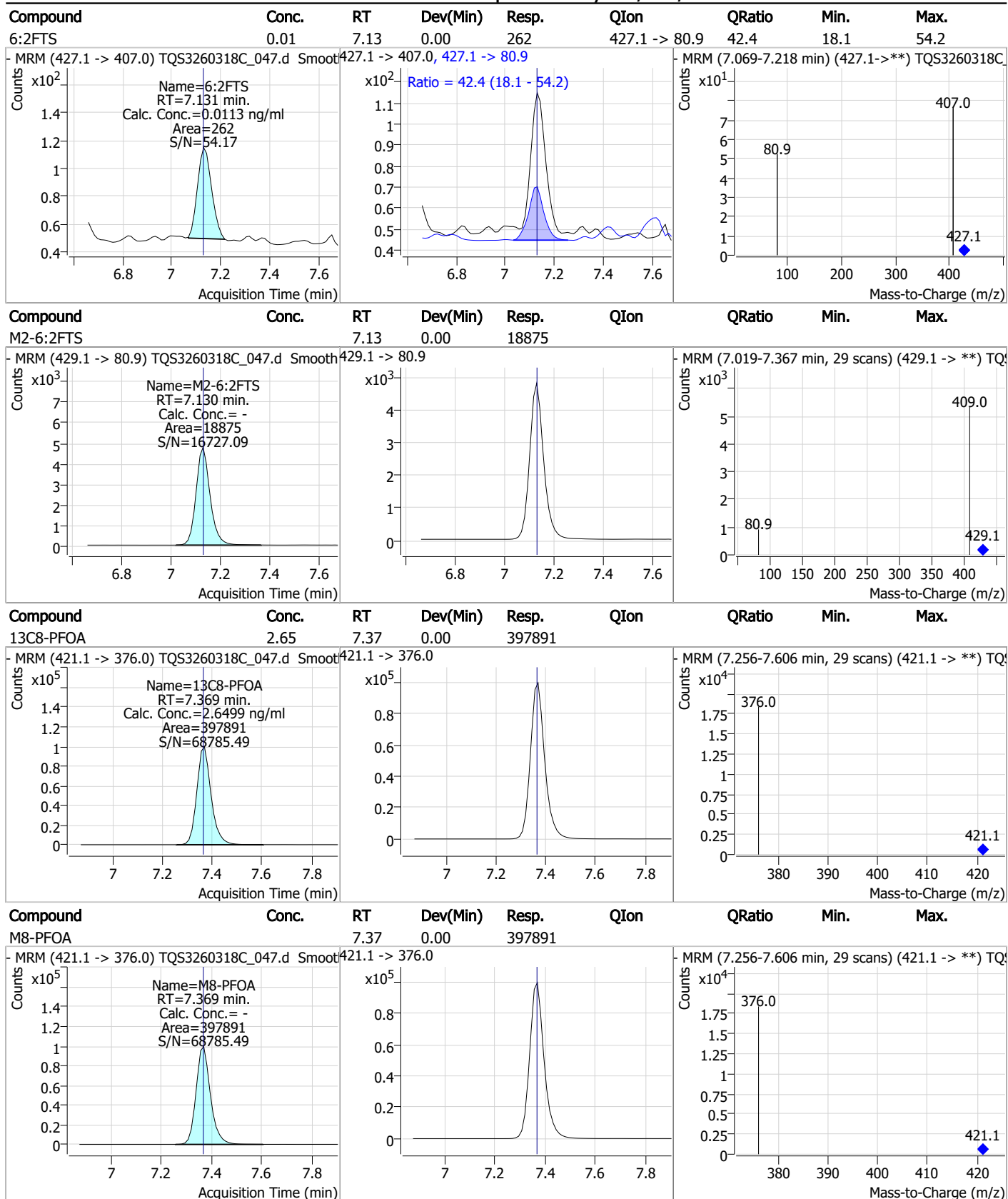
Perfluorinated Compounds by LC/MS/MS



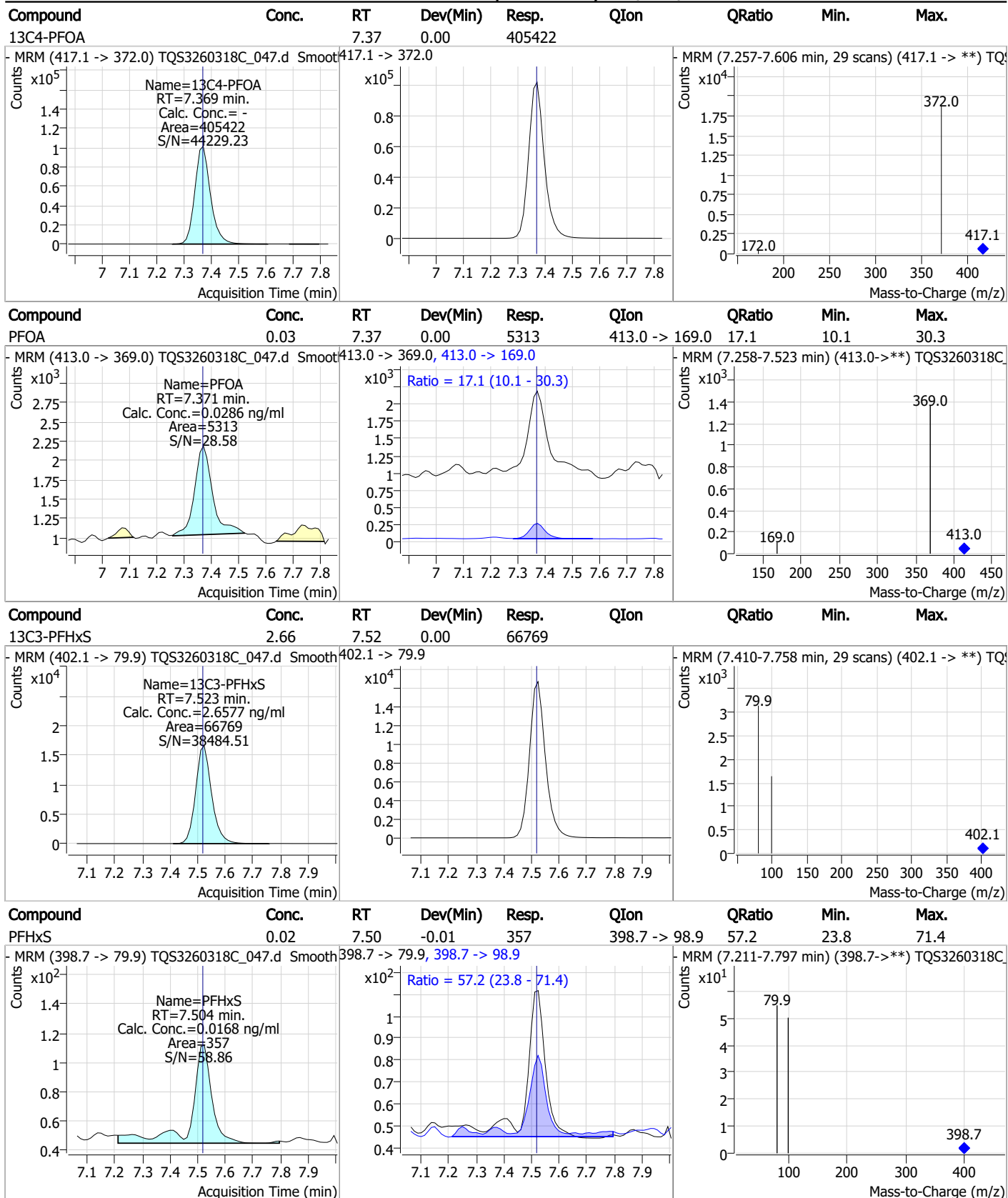


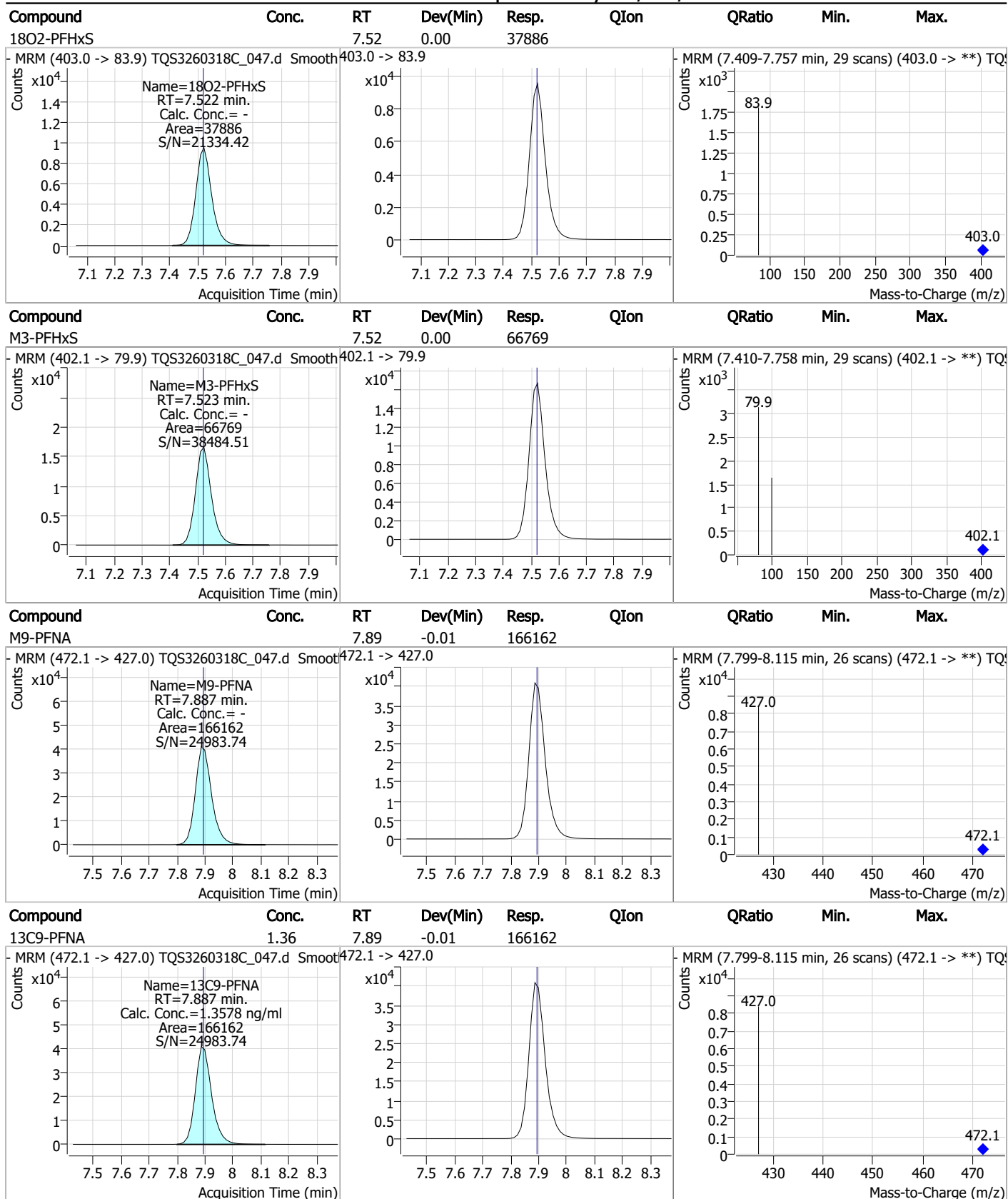
Perfluorinated Compounds by LC/MS/MS



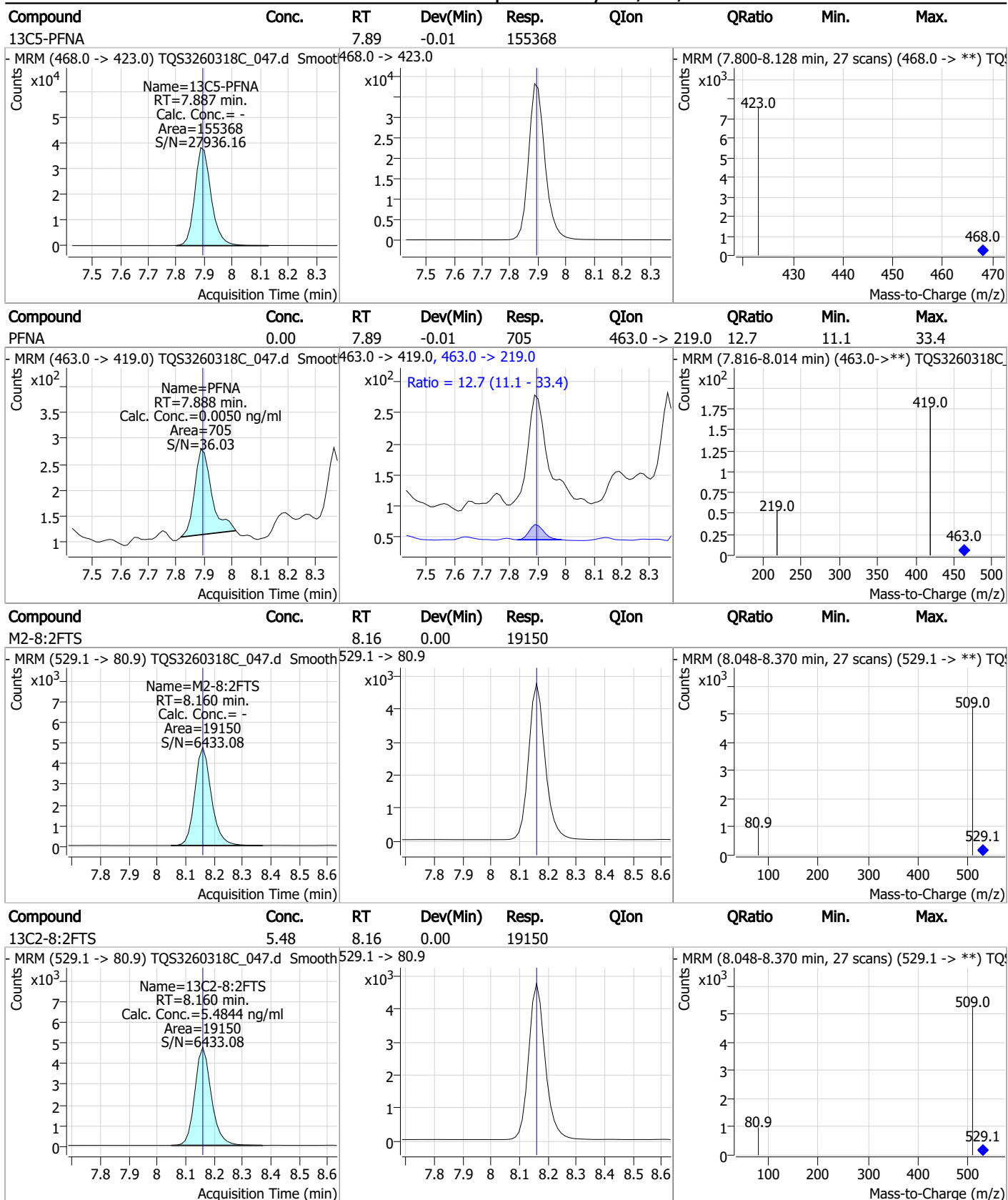


Perfluorinated Compounds by LC/MS/MS

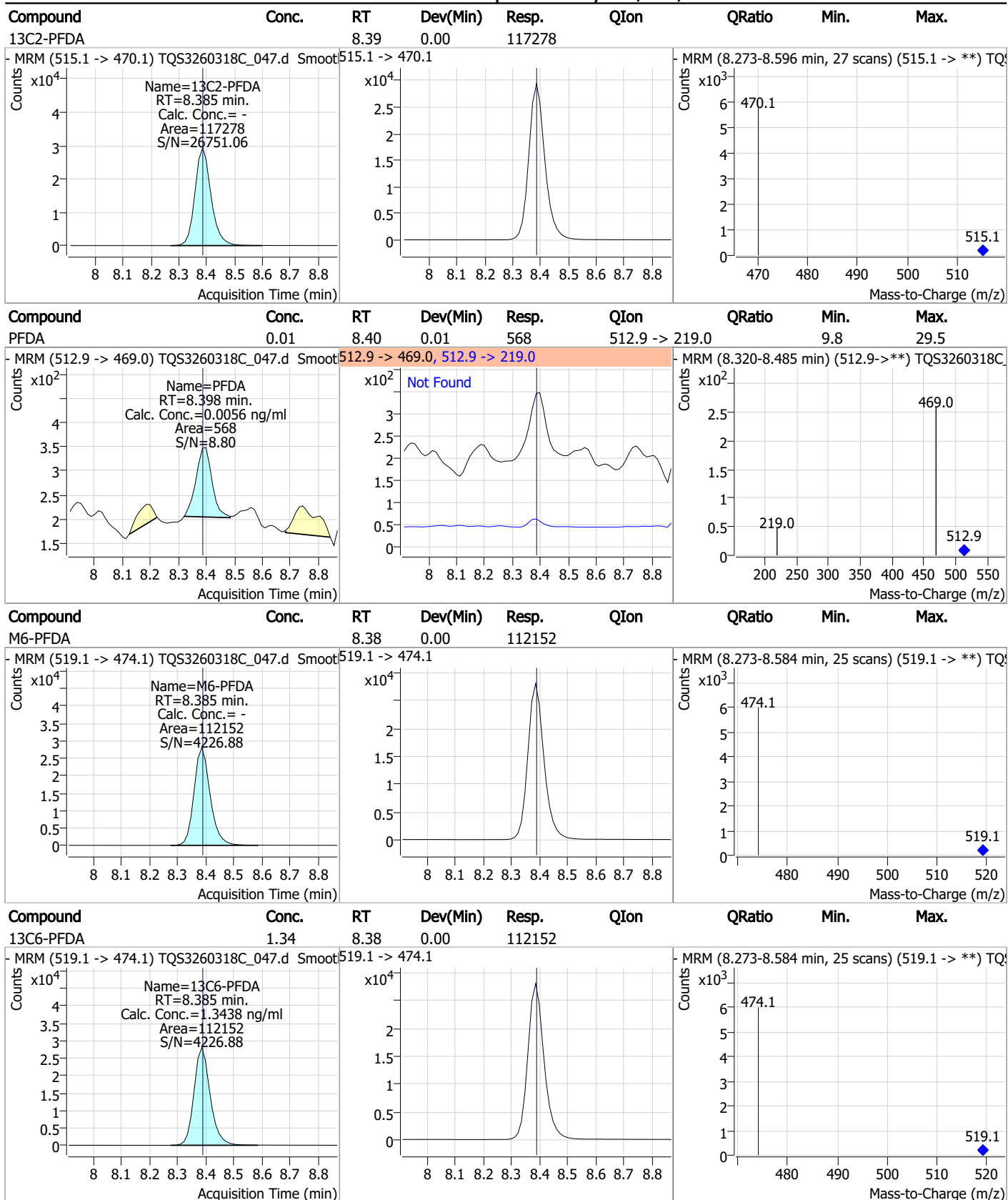


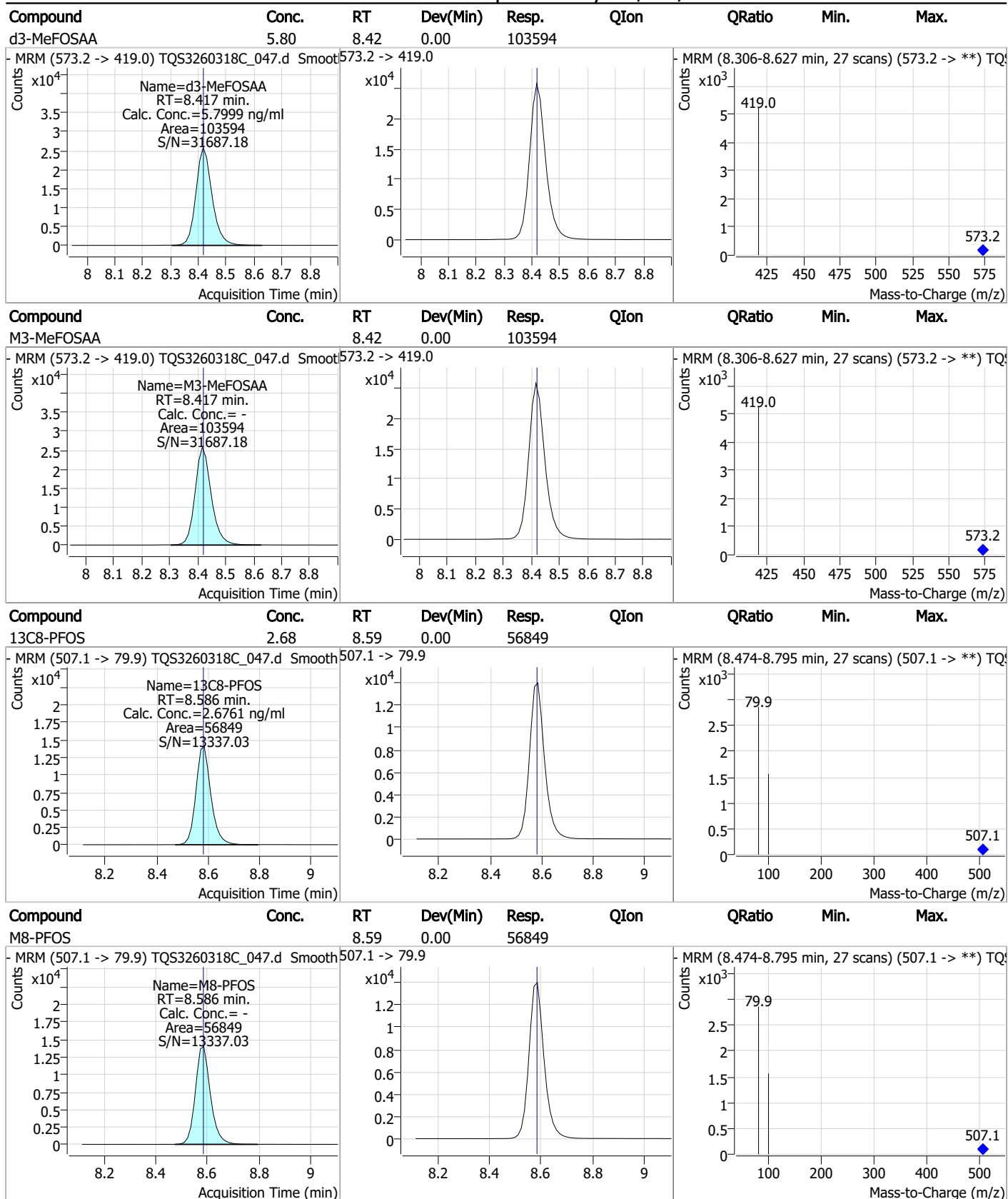


Perfluorinated Compounds by LC/MS/MS

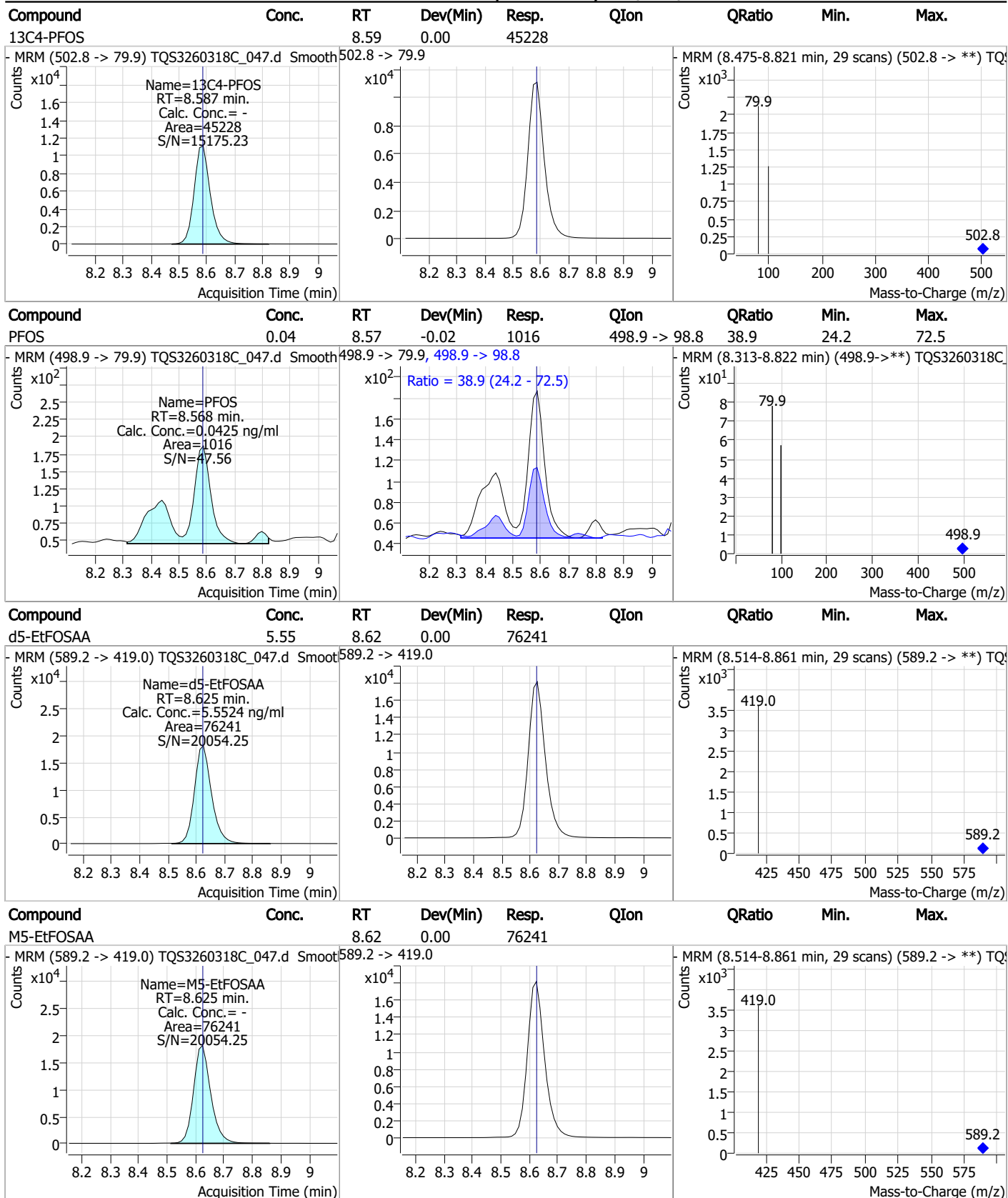


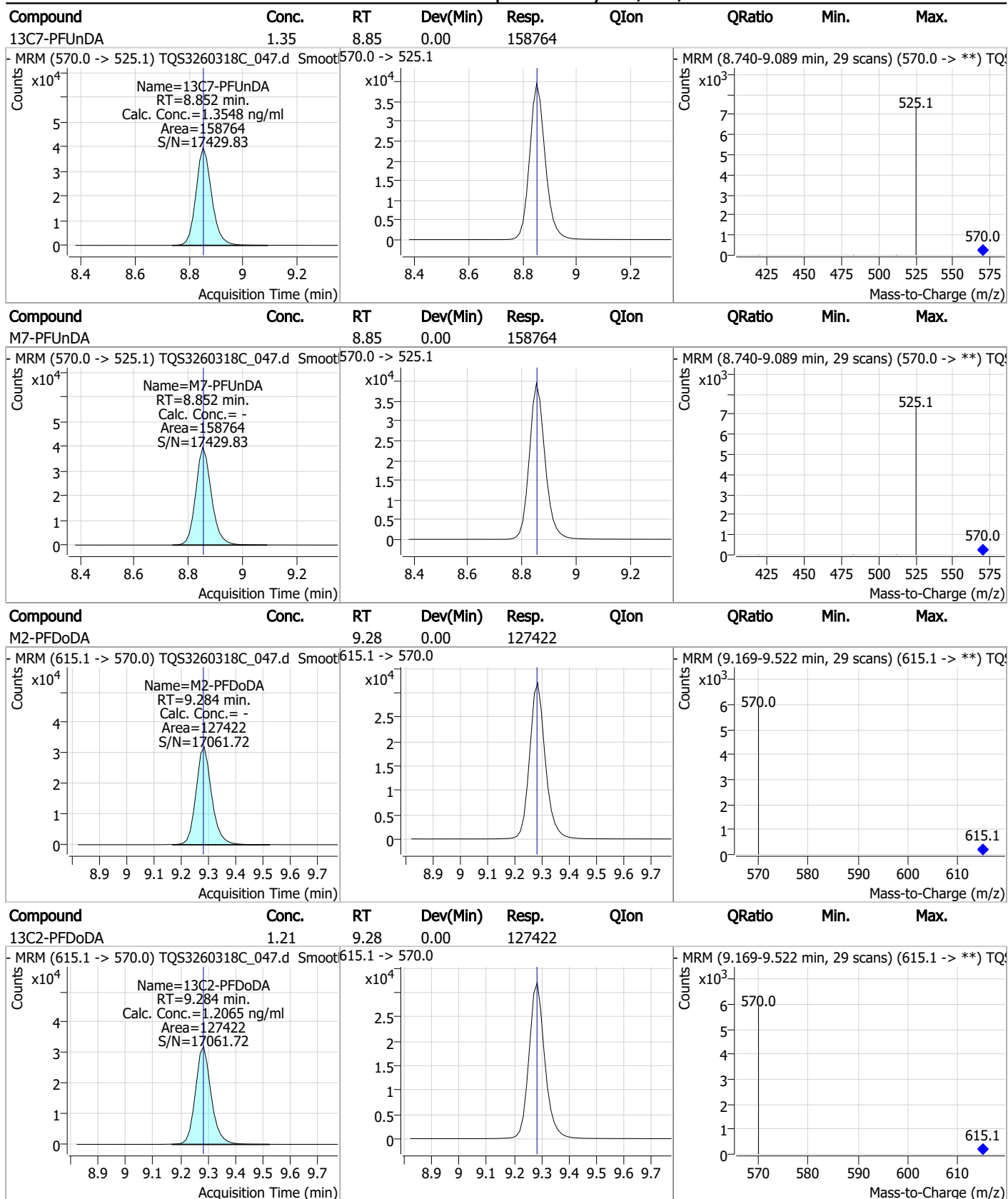
Perfluorinated Compounds by LC/MS/MS



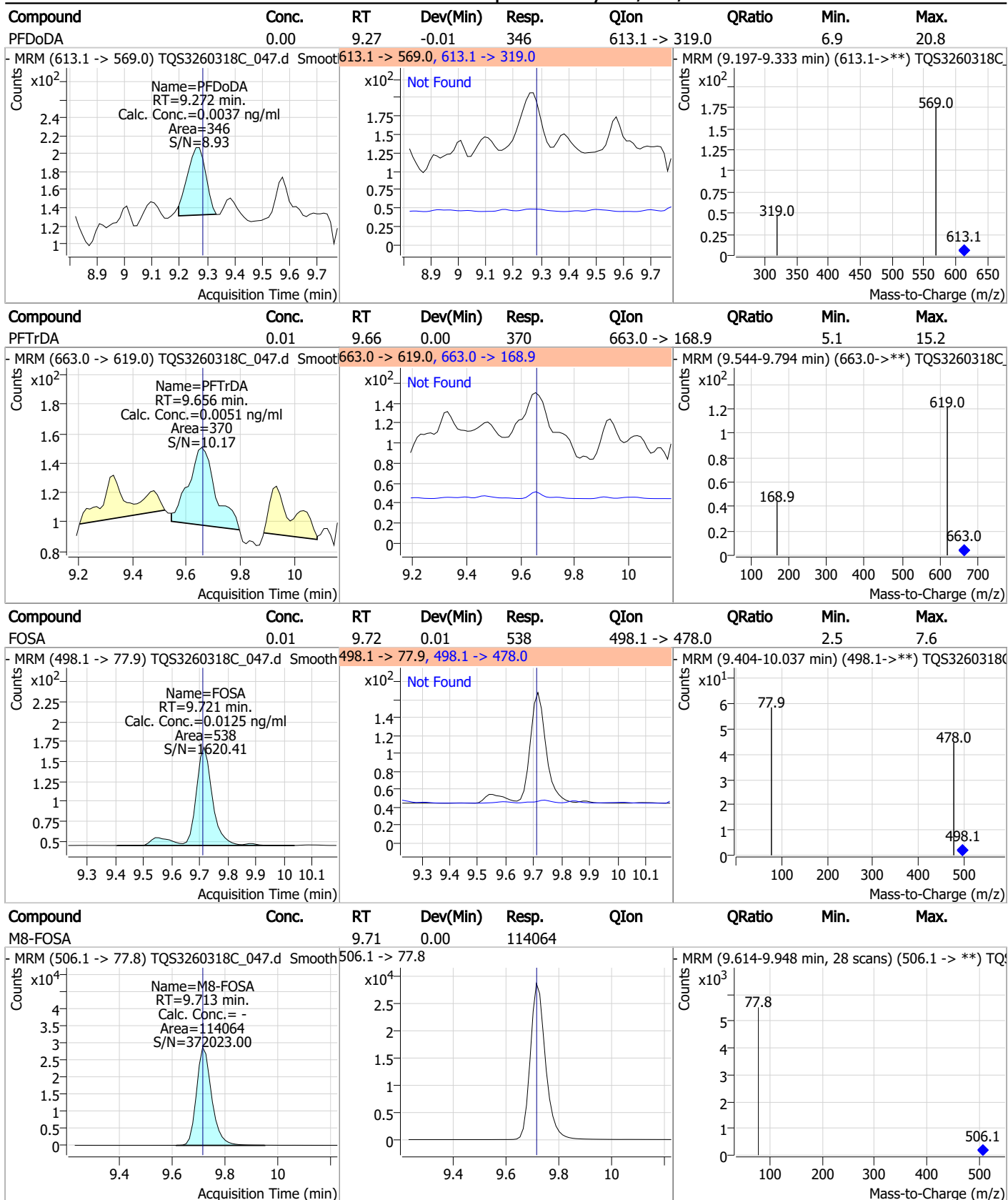


Perfluorinated Compounds by LC/MS/MS

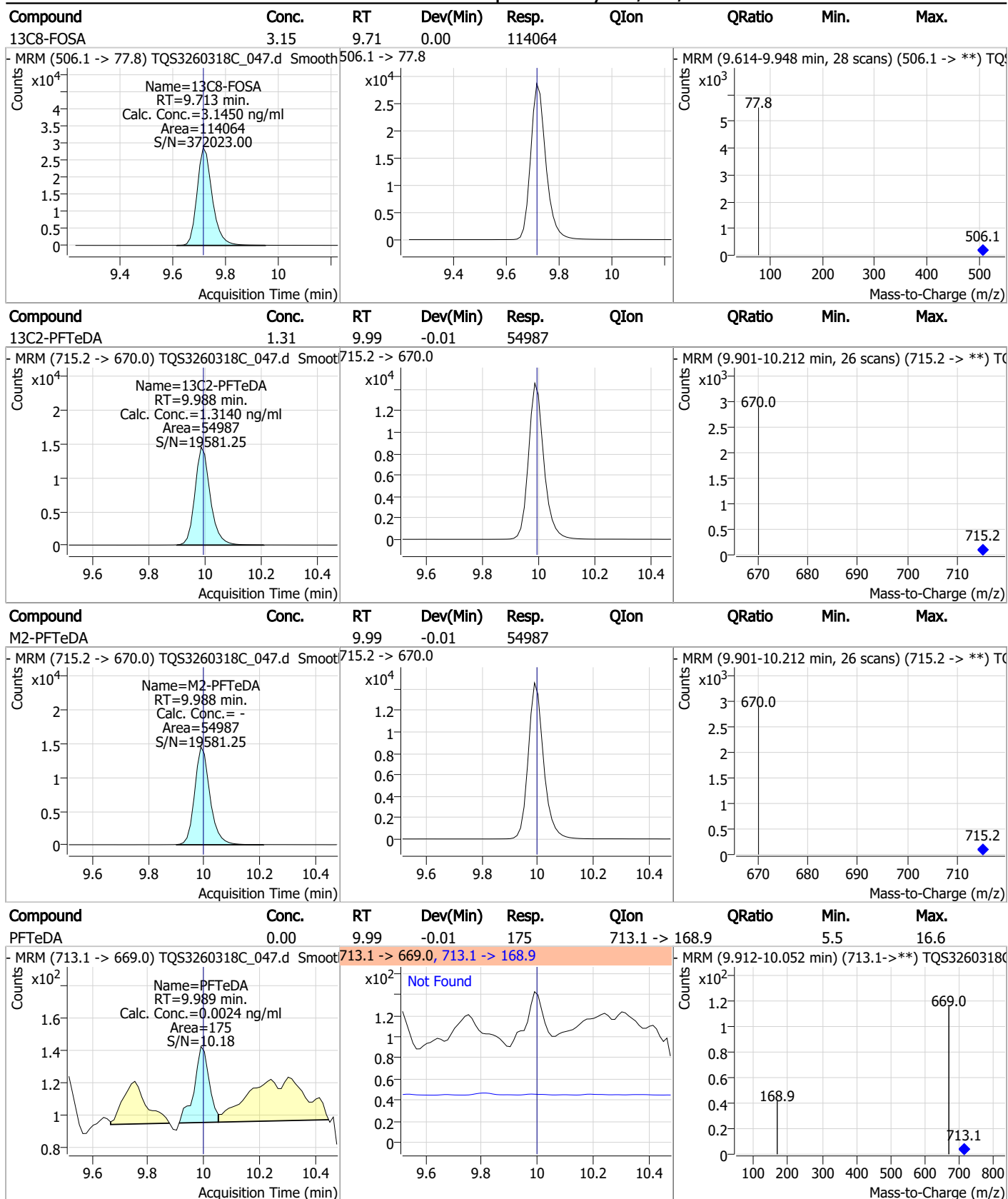


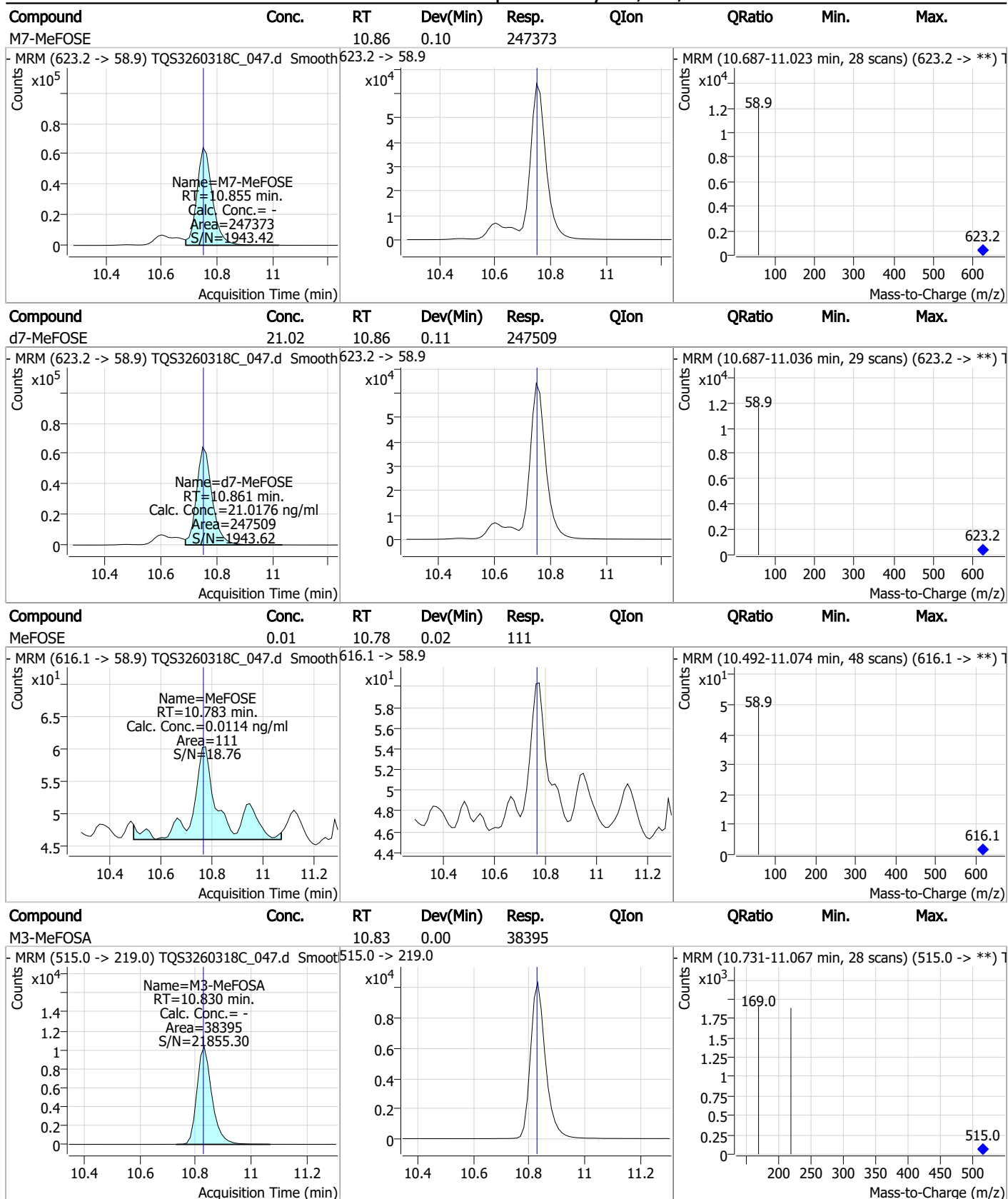


Perfluorinated Compounds by LC/MS/MS

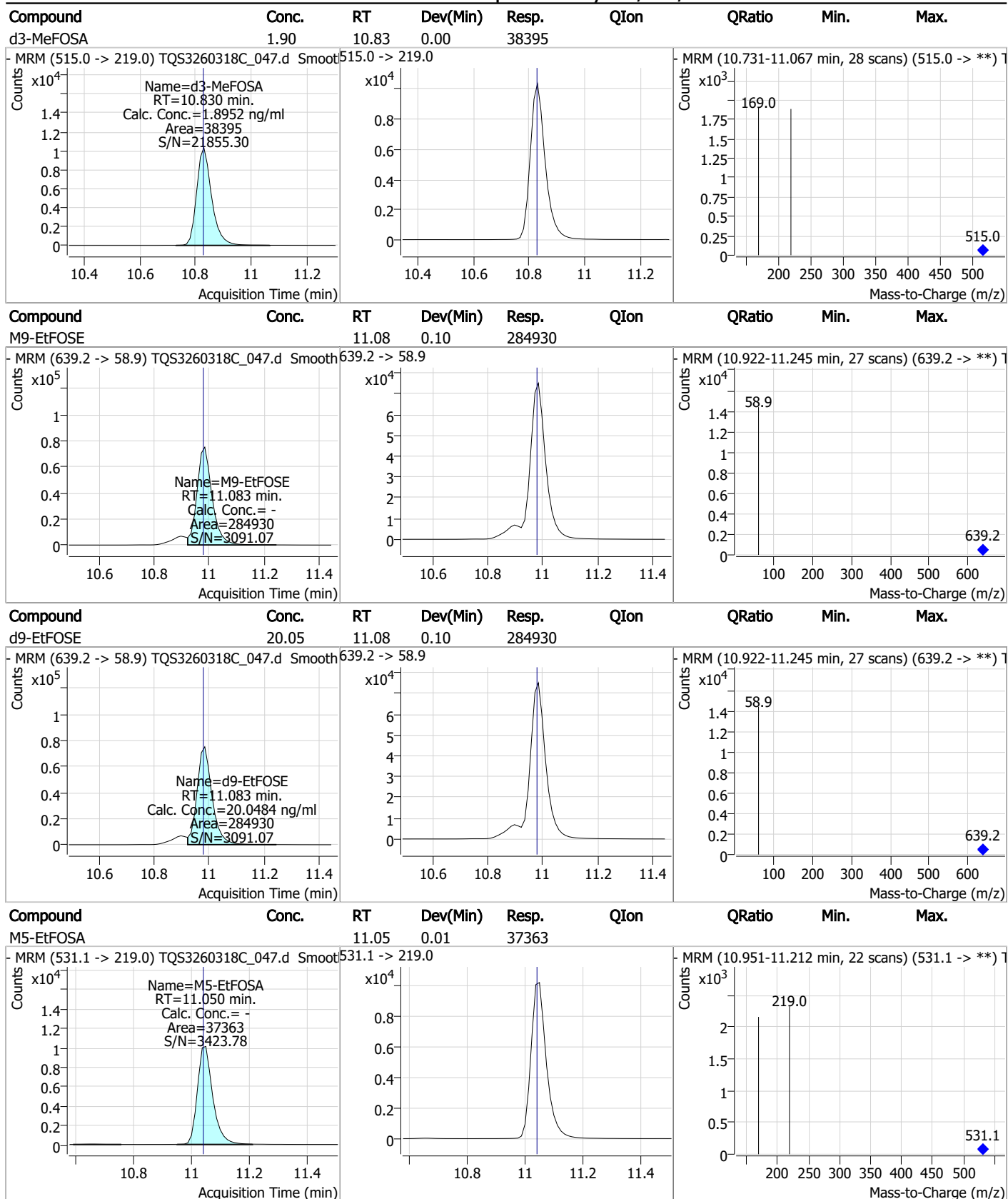


Perfluorinated Compounds by LC/MS/MS

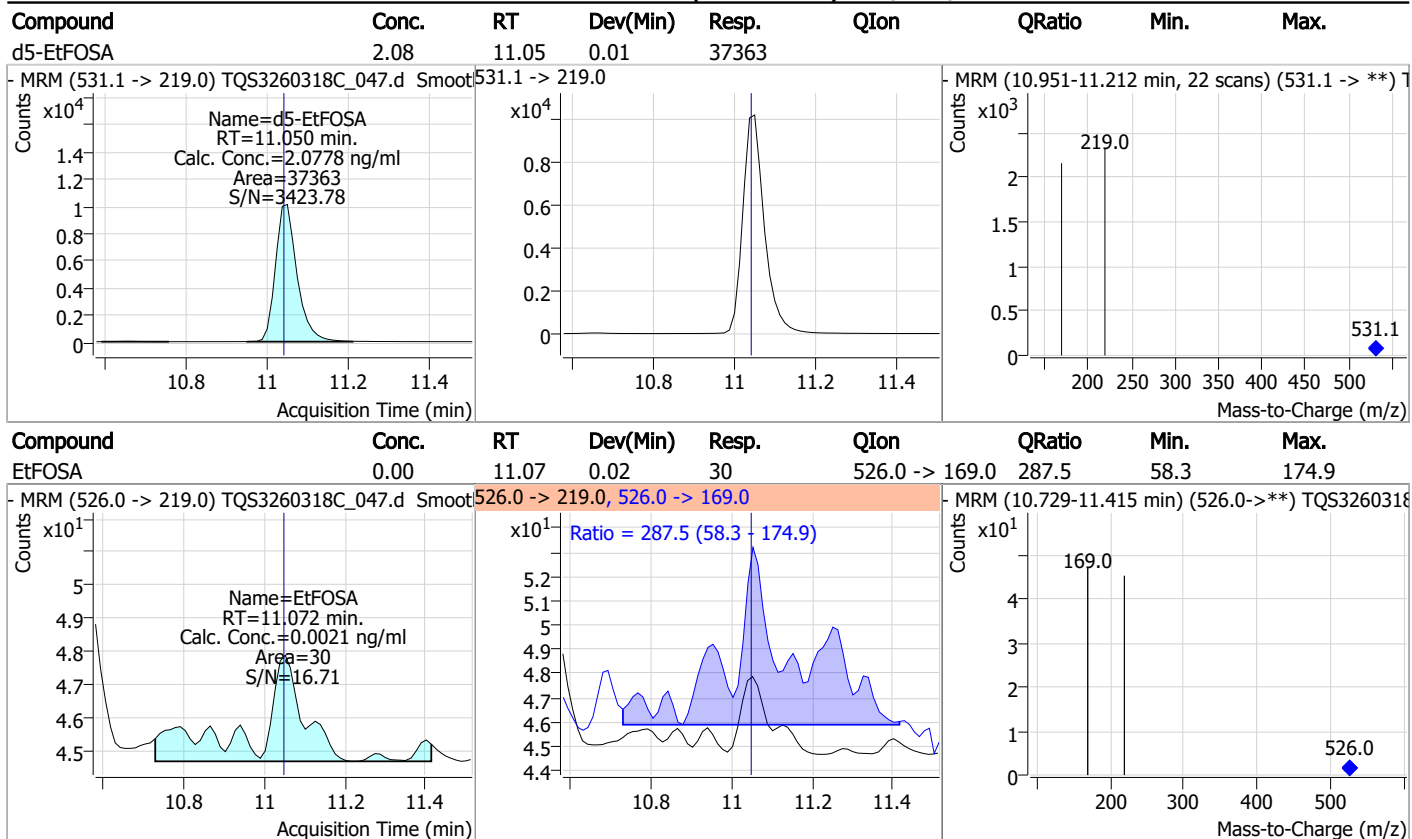




Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



EPA 1633A QC Raw Data

Data File : TQS3260318C_041.d
 Operator
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 3:43:56 AM
 Sample Name : 307285
 Vial : P3-C1
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3914_1633.batch.bin
 Sample Information : MB

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Internal Standards					
13C2-PFDA	8.385	515.1 -> 470.1	119851	1.25 ng/ml	0.000
13C2-PFHxA	5.857	315.1 -> 270.0	244885	2.50 ng/ml	-0.004
13C3-PFBA	3.190	216.0 -> 172.0	390023	5.00 ng/ml	0.016
13C4-PFOA	7.369	417.1 -> 372.0	397437	2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	46668	2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	159234	1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	38964	2.50 ng/ml	0.002
M2-4:2FTS	5.520	329.1 -> 80.9	12062	5.00 ng/ml	0.011
M2-6:2FTS	7.130	429.1 -> 80.9	18346	5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	20678	5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	128672	1.25 ng/ml	0.003
M2-PFTeDA	9.988	715.2 -> 670.0	50593	1.25 ng/ml	-0.009
M3-HFPO-DA	6.235	286.9 -> 168.9	316156	10.00 ng/ml	0.000
M3-MeFOSA	10.830	515.0 -> 219.0	25861	2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	102782	5.00 ng/ml	-0.004
M3-PFBS	5.860	302.1 -> 79.9	87978	2.50 ng/ml	0.011
M3-PFHxS	7.523	402.1 -> 79.9	68697	2.50 ng/ml	0.002
M4-PFBA	3.198	216.8 -> 171.9	979521	10.00 ng/ml	0.025
M4-PFHpA	6.751	367.1 -> 322.0	256086	2.50 ng/ml	0.002
M5-EtFOSA	11.050	531.1 -> 219.0	21559	2.50 ng/ml	0.009
M5-EtFOSAA	8.625	589.2 -> 419.0	75535	5.00 ng/ml	-0.001
M5-PFHxA	5.868	318.0 -> 273.0	298797	2.50 ng/ml	0.006
M5-PFPeA	4.649	268.3 -> 223.0	424849	5.00 ng/ml	0.008
M6-PFDA	8.385	519.1 -> 474.1	113525	1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	206678	25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	159529	1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	98491	2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	384035	2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	56484	2.50 ng/ml	0.001
M9-EtFOSE	11.083	639.2 -> 58.9	205701	25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	167315	1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.520	329.1 -> 80.9	12062	5.71 ng/ml	0.011
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 114.2%	
13C2-6:2FTS	7.130	429.1 -> 80.9	18346	5.56 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 111.2%	
13C2-8:2FTS	8.160	529.1 -> 80.9	20678	5.76 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 115.2%	
13C2-PFDoDA	9.284	615.1 -> 570.0	128672	1.19 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 95.4%	
13C2-PFTeDA	9.988	715.2 -> 670.0	50593	1.18 ng/ml	-0.008
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 94.6%	
13C3-HFPO-DA	6.235	286.9 -> 168.9	316156	10.37 ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 103.7%	
d3-MeFOSA	10.830	515.0 -> 219.0	25861	1.24 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc.	Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 49.5%		
d3-MeFOSAA	8.417	573.2 -> 419.0	102782		5.58	ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 111.5%		
13C3-PFBS	5.860	302.1 -> 79.9	87978		2.56	ng/ml	0.011
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 102.3%		
13C3-PFHxS	7.523	402.1 -> 79.9	68697		2.66	ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 106.3%		
13C4-PFBA	3.194	216.8 -> 171.9	985528		10.70	ng/ml	0.021
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 107.0%		
13C4-PFHpA	6.751	367.1 -> 322.0	256086		2.61	ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 104.3%		
d5-EtFOSA	11.050	531.1 -> 219.0	21559		1.16	ng/ml	0.009
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 46.5%		
d5-EtFOSAA	8.625	589.2 -> 419.0	75535		5.33	ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 106.6%		
13C5-PFHxA	5.868	318.0 -> 273.0	298797		2.69	ng/ml	0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 107.7%		
13C5-PFPeA	4.649	268.3 -> 223.0	424849		5.33	ng/ml	0.010
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 106.6%		
13C6-PFDA	8.385	519.1 -> 474.1	113525		1.33	ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 106.5%		
d7-MeFOSE	10.861	623.2 -> 58.9	206869		17.02	ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 68.1%		
13C7-PFUnDA	8.852	570.0 -> 525.1	159529		1.33	ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 106.6%		
13C8-FOSA	9.713	506.1 -> 77.8	98491		2.63	ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 105.3%		
13C8-PFOA	7.369	421.1 -> 376.0	384035		2.61	ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 104.4%		
13C8-PFOS	8.586	507.1 -> 79.9	56484		2.58	ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 103.1%		
d9-EtFOSE	11.083	639.2 -> 58.9	205701		14.03	ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 56.1%		
13C9-PFNA	7.899	472.1 -> 427.0	167315		1.33	ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 106.7%		

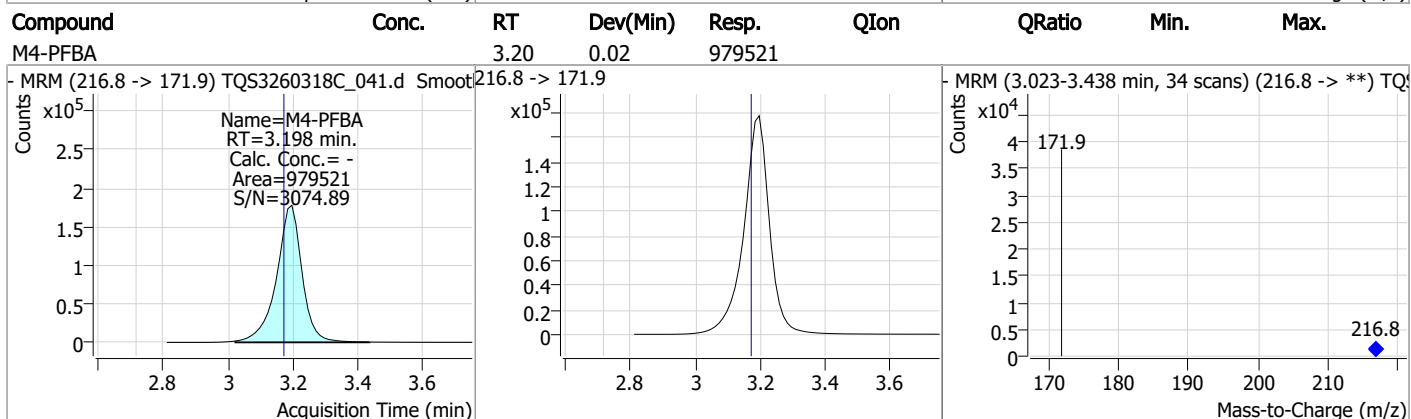
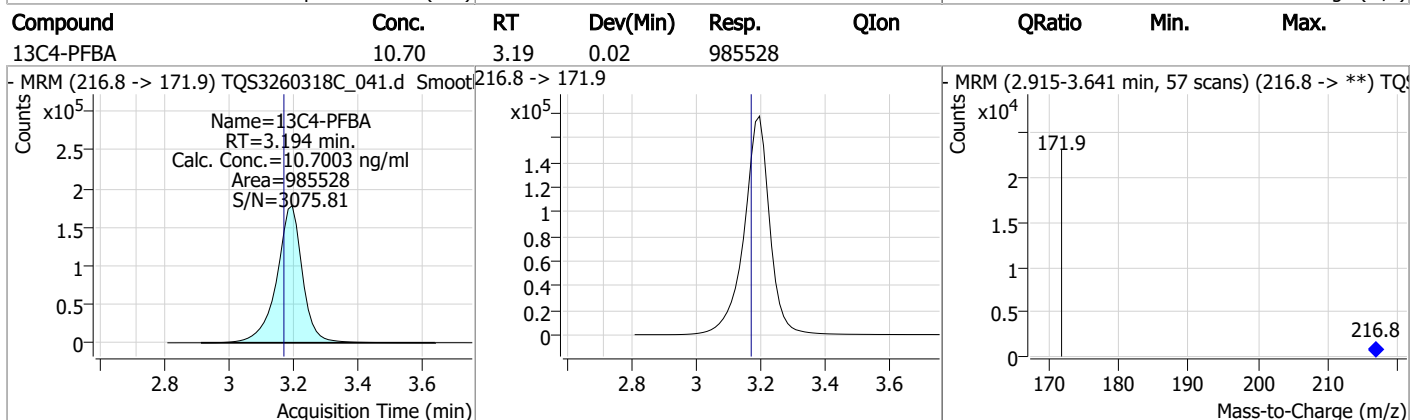
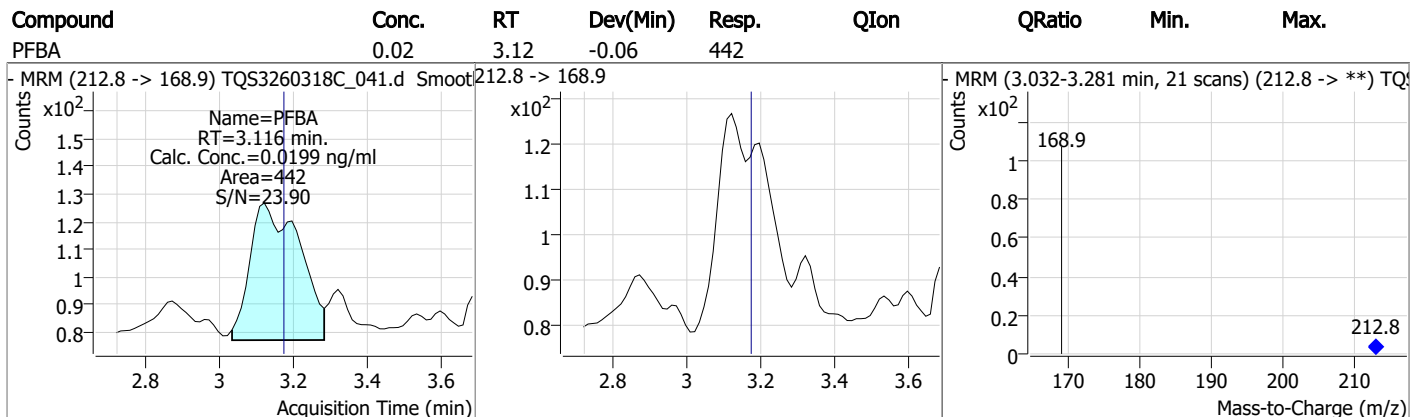
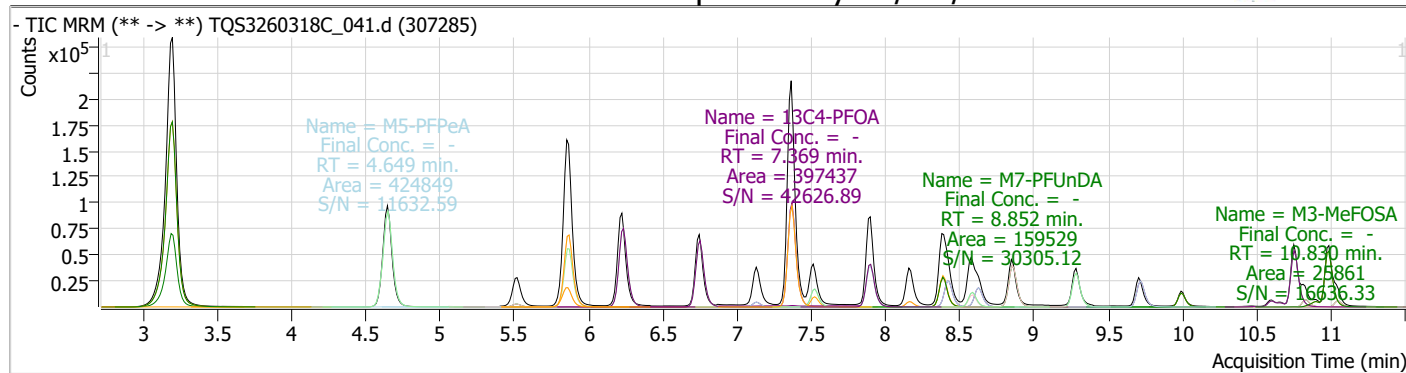
Target Compounds

							QValue
11CI-PF3OUdS	9.721	630.9 -> 450.9	113		0.00	ng/ml #	1
TDCA	-	498.9 -> 79.9	-	-	N.D.		
3:3 FTCA	-	241.0 -> 177.0	-	-	N.D.		
4:2FTS	5.520	327.1 -> 307.0	92		0.00	ng/ml	30
5:3 FTCA	-	341.0 -> 237.1	-	-	N.D.		
6:2FTS	7.131	427.1 -> 407.0	235		0.01	ng/ml	92
7:3 FTCA	-	441.0 -> 316.9	-	-	N.D.		
8:2FTS	-	527.1 -> 507.0	-	-	N.D.		
9CI-PF3ONS	9.365	530.8 -> 351.0	146		0.00	ng/ml #	1
ADONA	-	376.9 -> 250.9	-	-	N.D.		
EtFOSA	11.072	526.0 -> 219.0	61		0.01	ng/ml	54
EtFOSAA	-	584.2 -> 419.1	-	-	N.D.		
EtFOSE	-	630.0 -> 58.9	-	-	N.D.		
FOSA	9.721	498.1 -> 77.9	226		0.01	ng/ml	85
HFPO-DA	6.236	284.9 -> 168.9	92		0.00	ng/ml	73
MeFOSA	-	511.9 -> 219.0	-	-	N.D.		
MeFOSAA	-	570.1 -> 419.0	-	-	N.D.		
MeFOSE	10.783	616.1 -> 58.9	106		0.01	ng/ml	100
NFDHA	-	295.0 -> 201.0	-	-	N.D.		
PFBA	3.116	212.8 -> 168.9	442		0.02	ng/ml	100

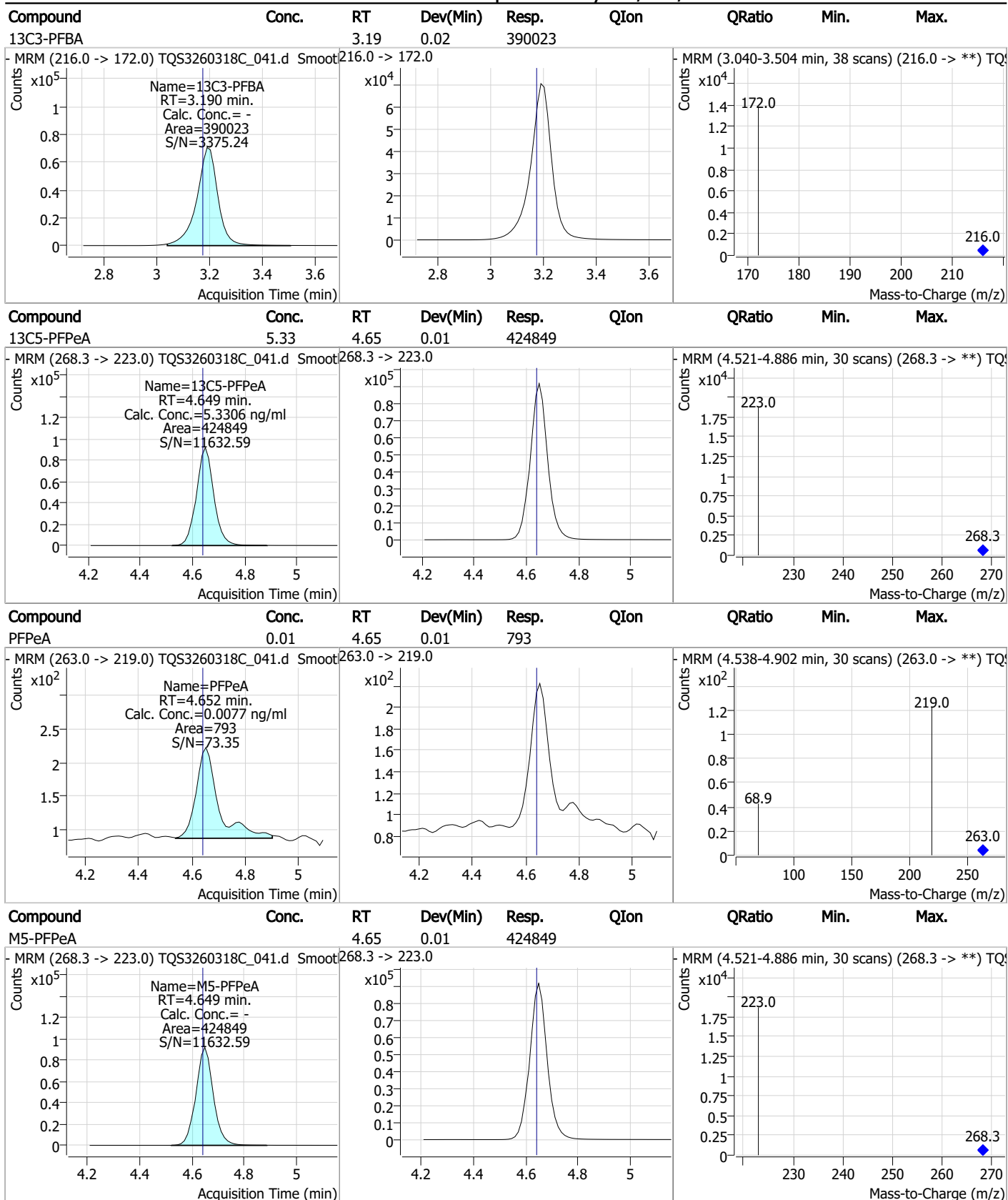
Perfluorinated Compounds by LC/MS/MS

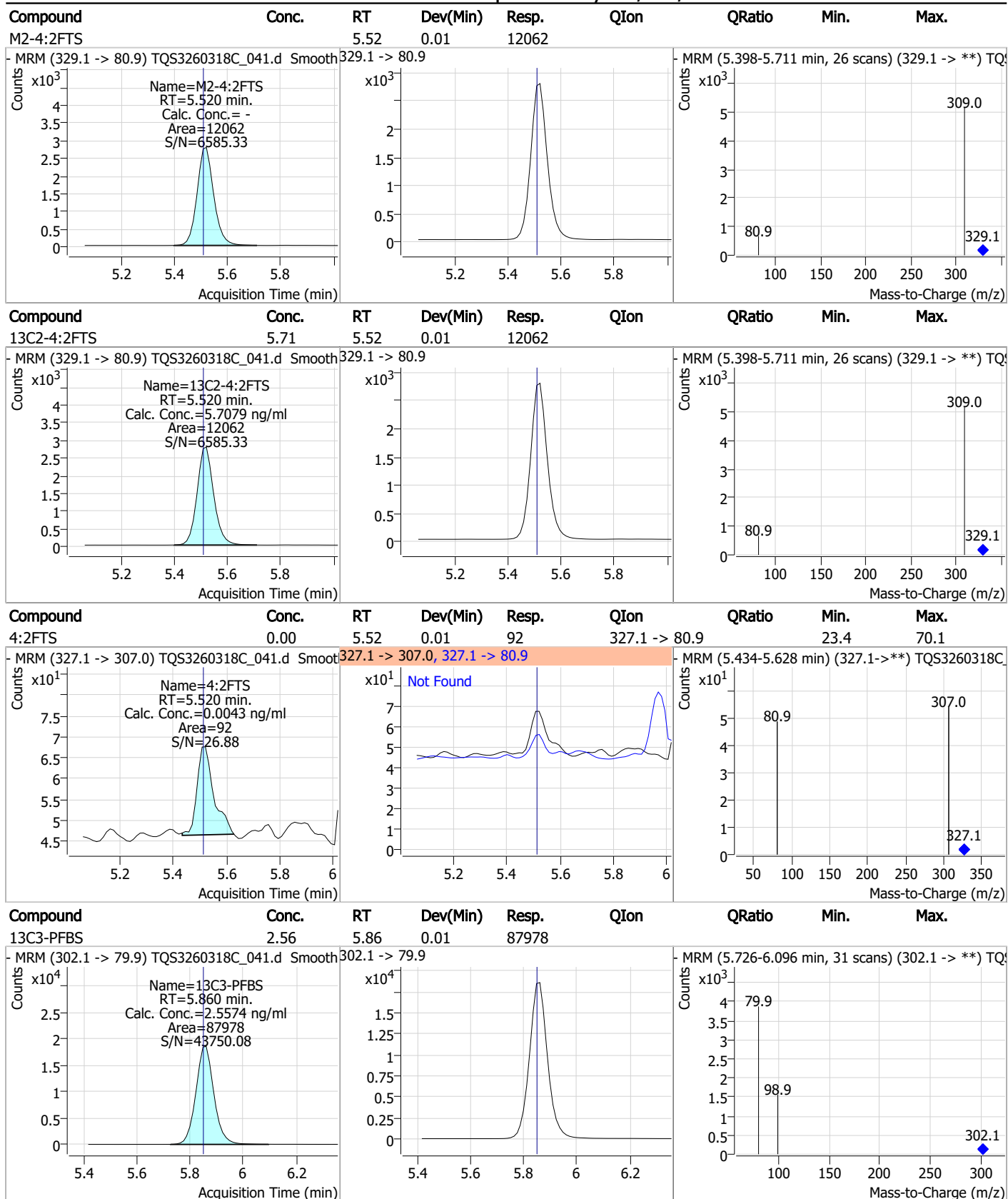
Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
PFBS	-	298.7 -> 79.9	-	-	N.D.	
PFDA	8.398	512.9 -> 469.0	430		0.00 ng/ml	57
PFDoDA	9.284	613.1 -> 569.0	437		0.00 ng/ml	66
PFDoDS	-	699.1 -> 79.9	-	-	N.D.	
PFDS	-	599.0 -> 79.9	-	-	N.D.	
PFEESA	-	314.8 -> 134.9	-	-	N.D.	
PFHpA	6.751	363.1 -> 319.0	460		0.00 ng/ml	92
PFHpS	-	449.0 -> 79.9	-	-	N.D.	
PFHxA	5.871	313.0 -> 269.0	841		0.00 ng/ml	91
PFHxS	7.504	398.7 -> 79.9	239		0.01 ng/ml	69
PFMBA	-	279.0 -> 85.1	-	-	N.D.	
PFMPA	-	229.0 -> 84.9	-	-	N.D.	
PFNA	7.900	463.0 -> 419.0	432		0.00 ng/ml	95
PFNS	-	548.8 -> 79.9	-	-	N.D.	
PFOA	7.371	413.0 -> 369.0	871		0.00 ng/ml	90
PFOS	8.568	498.9 -> 79.9	209		0.01 ng/ml	29
PFPeA	4.652	263.0 -> 219.0	793		0.01 ng/ml	100
PFPeS	-	349.1 -> 79.9	-	-	N.D.	
PFTeDA	9.989	713.1 -> 669.0	244		0.00 ng/ml	71
PFTTrDA	9.656	663.0 -> 619.0	451		0.01 ng/ml	73
PFUnDA	8.542	563.1 -> 519.0	75		0.00 ng/ml	57

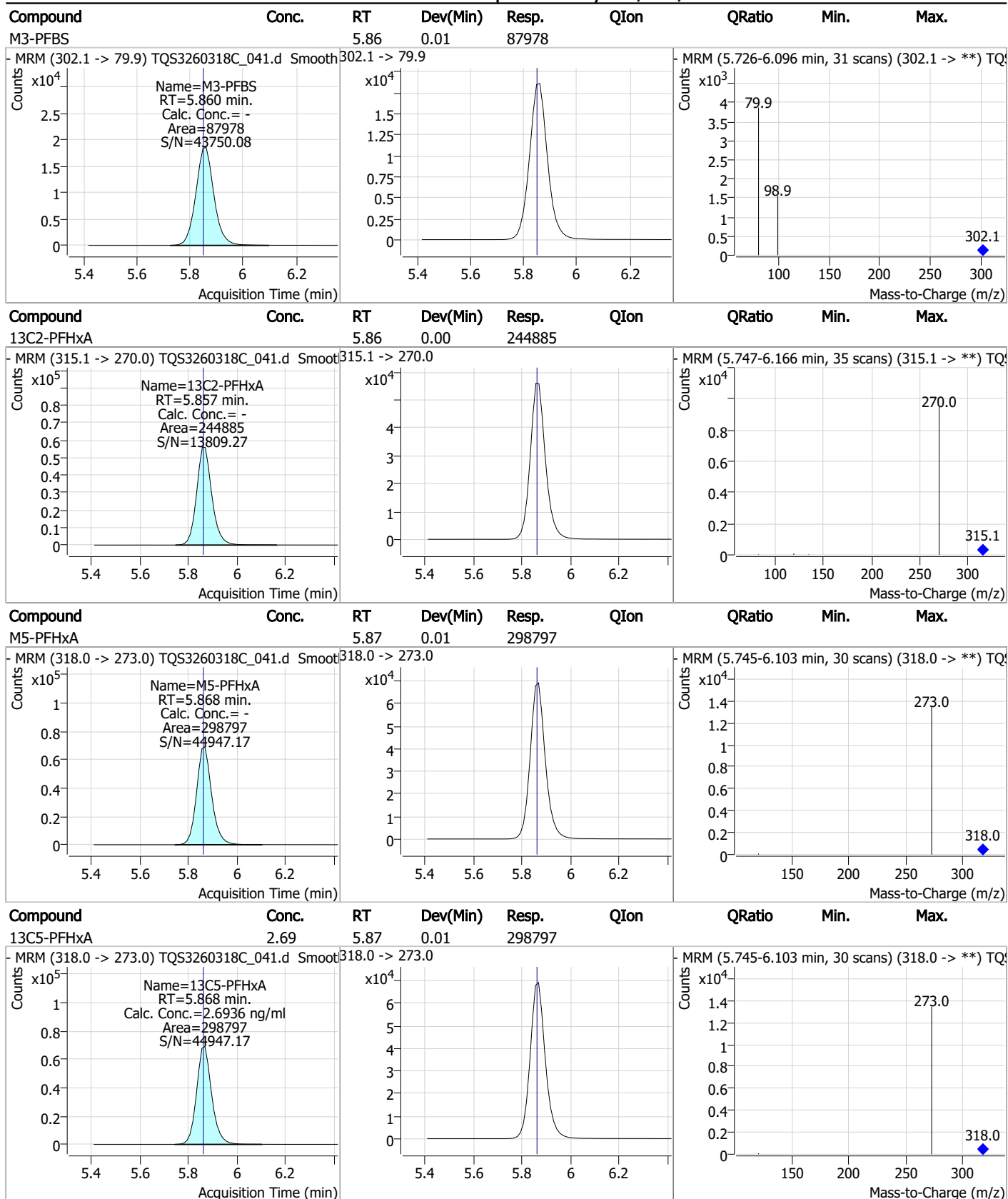
= Qualifier out of range, m = manually integrated, + = Area summed



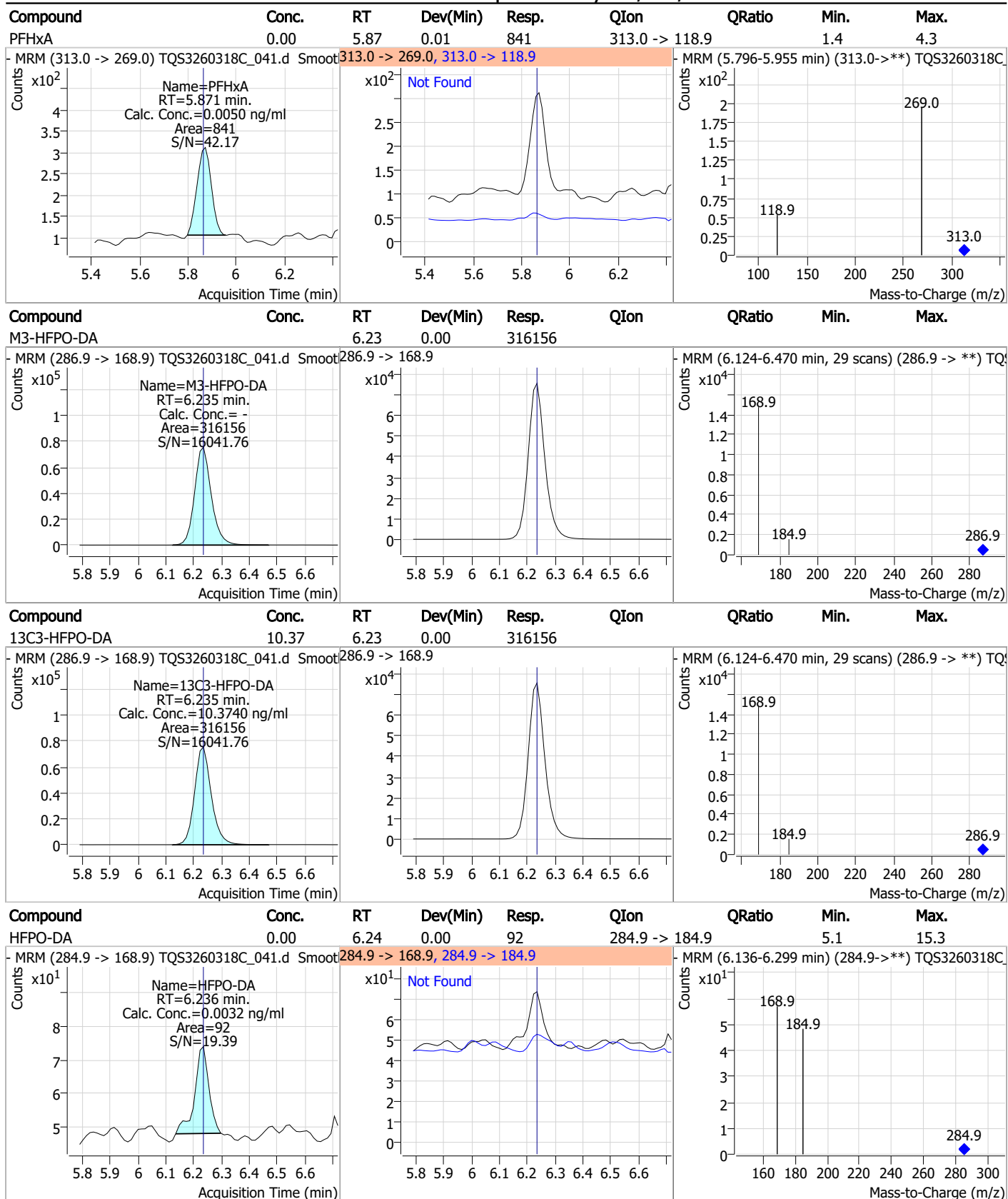
Perfluorinated Compounds by LC/MS/MS



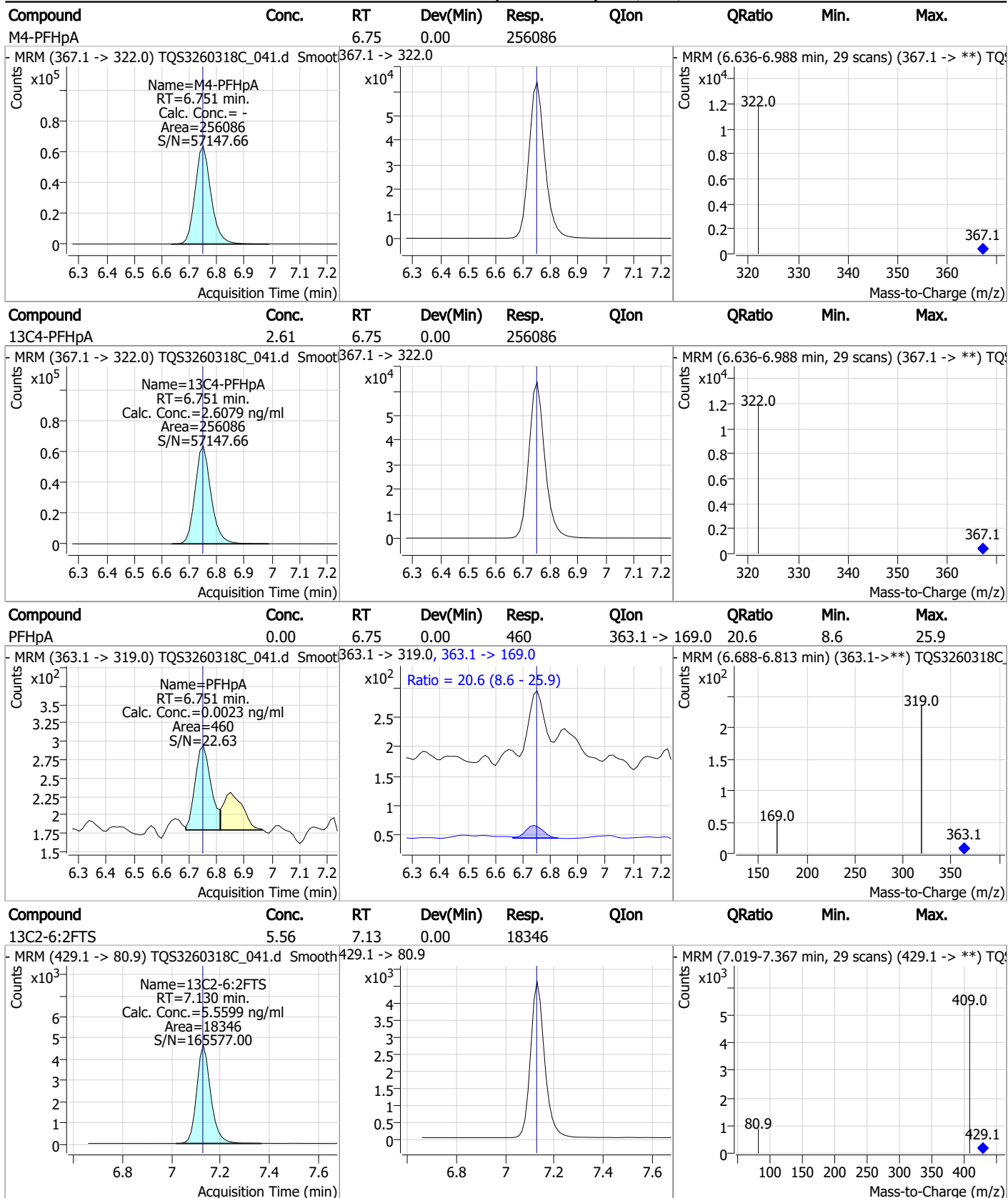


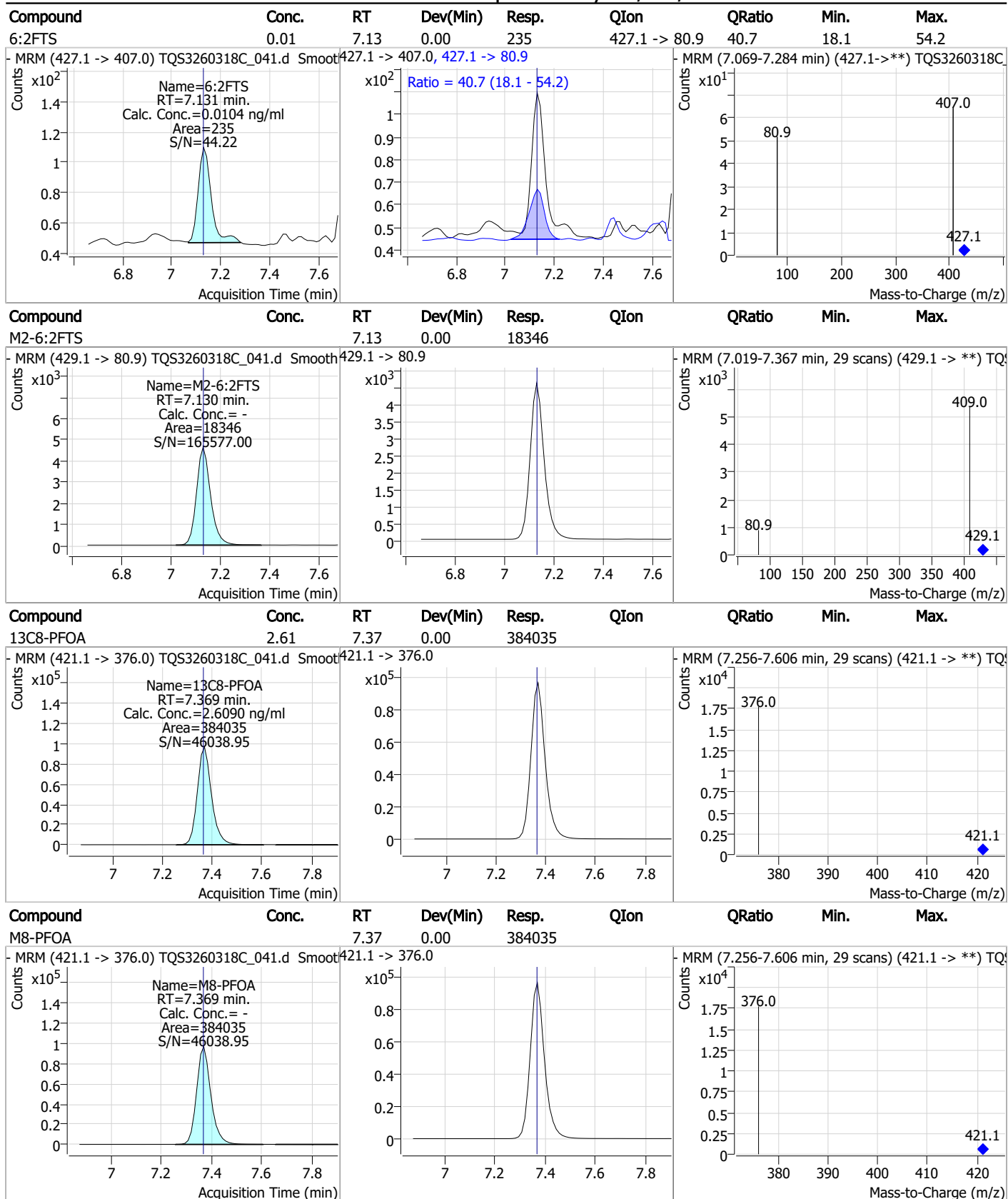


Perfluorinated Compounds by LC/MS/MS

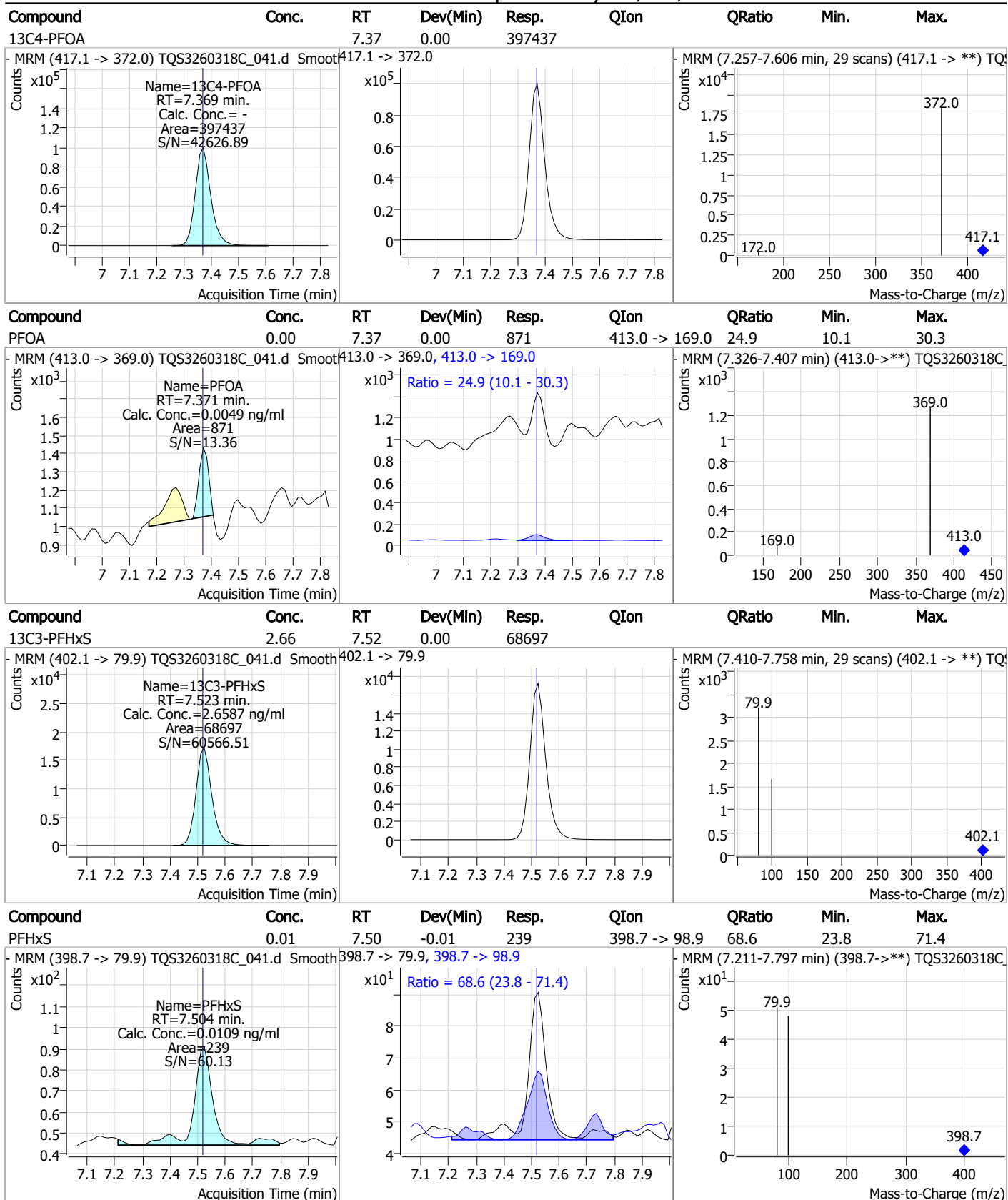


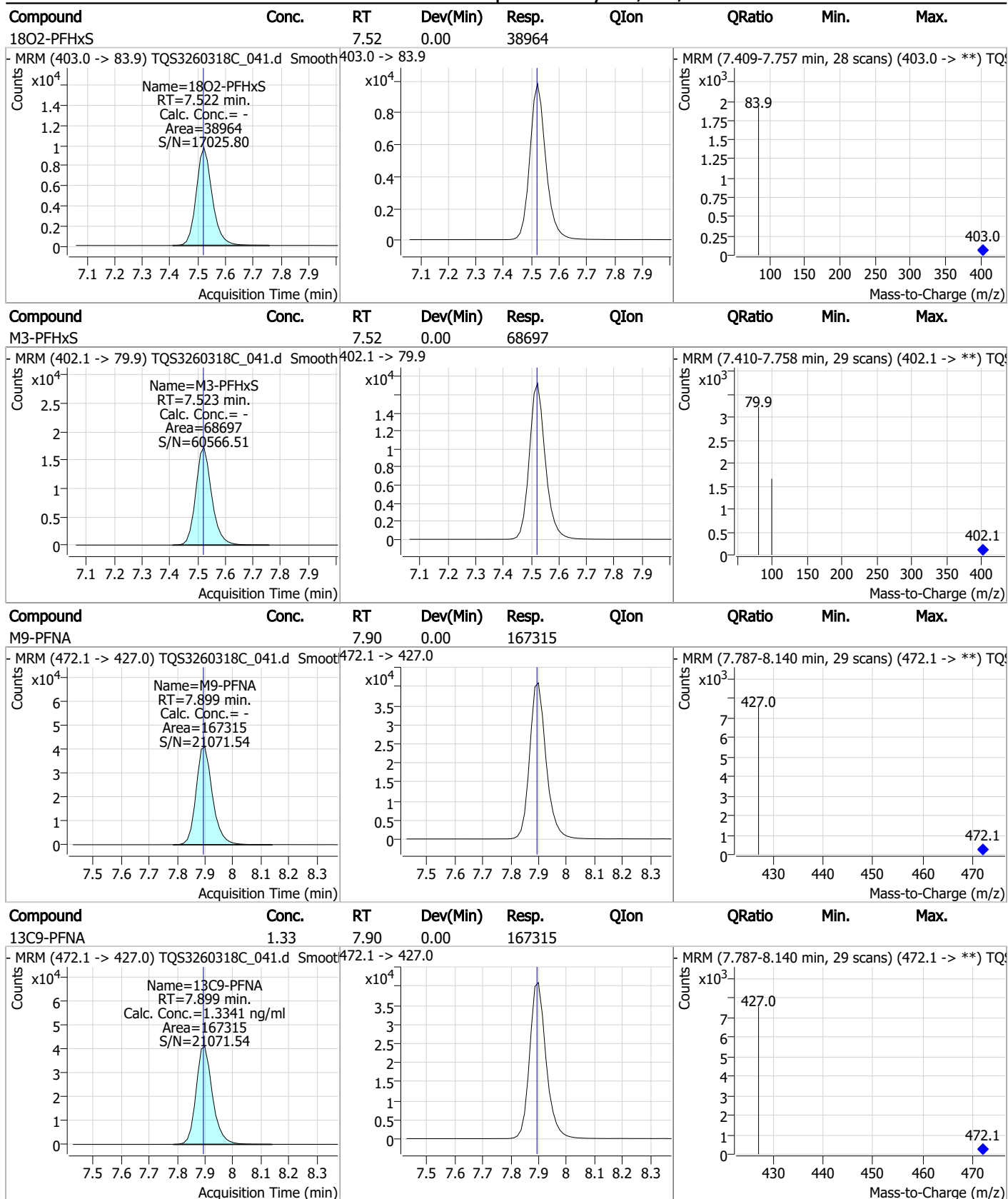
Perfluorinated Compounds by LC/MS/MS



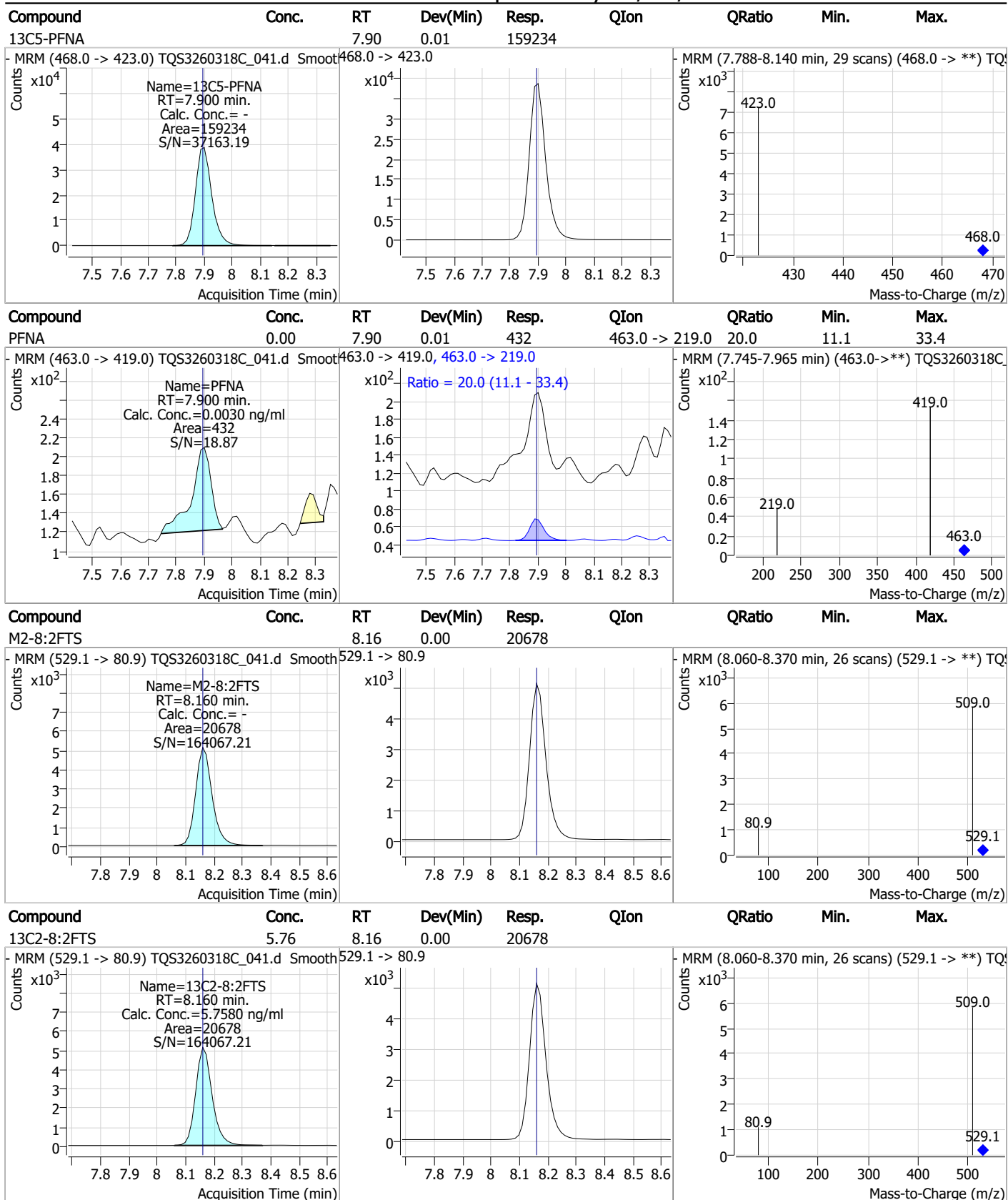


Perfluorinated Compounds by LC/MS/MS

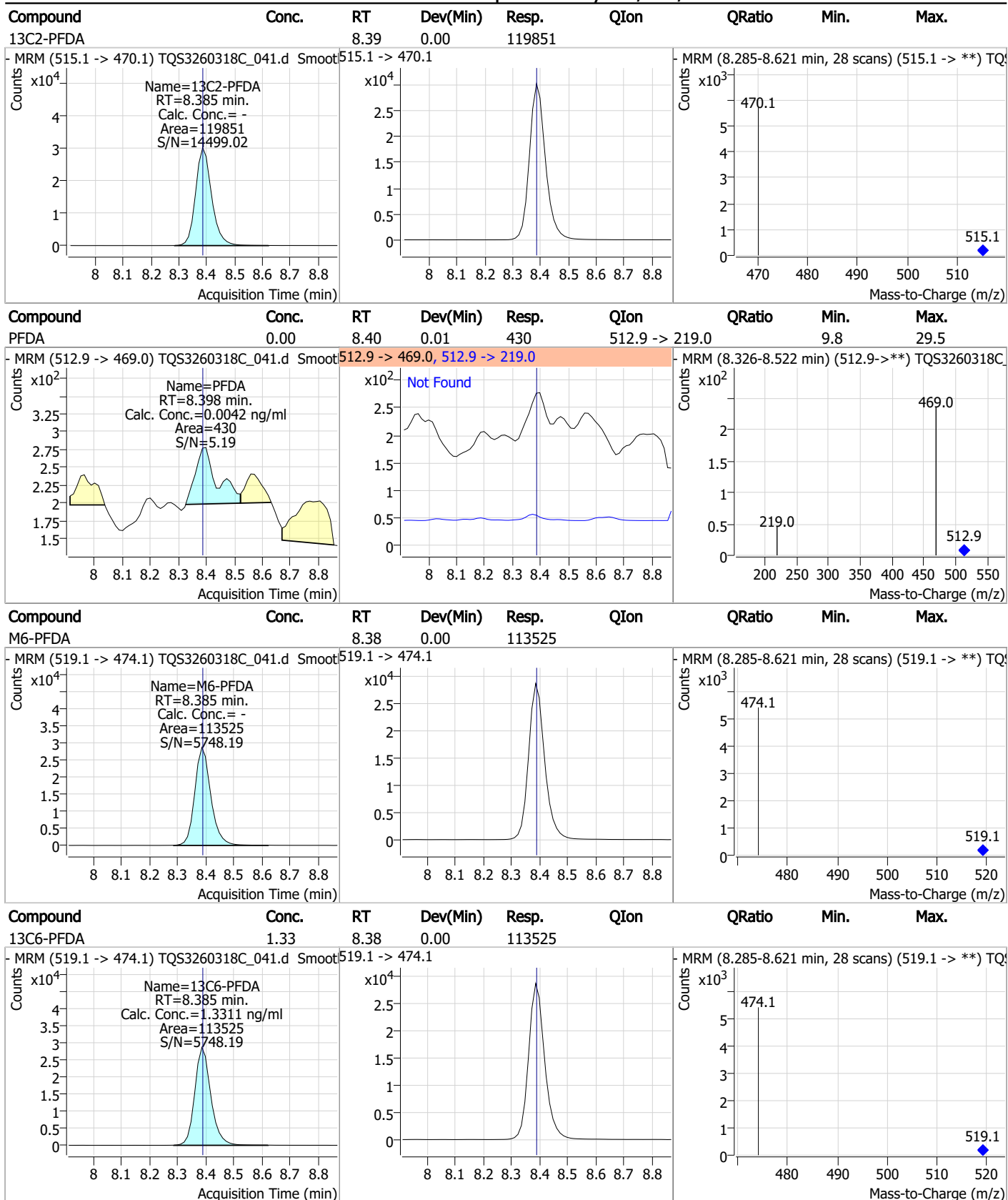




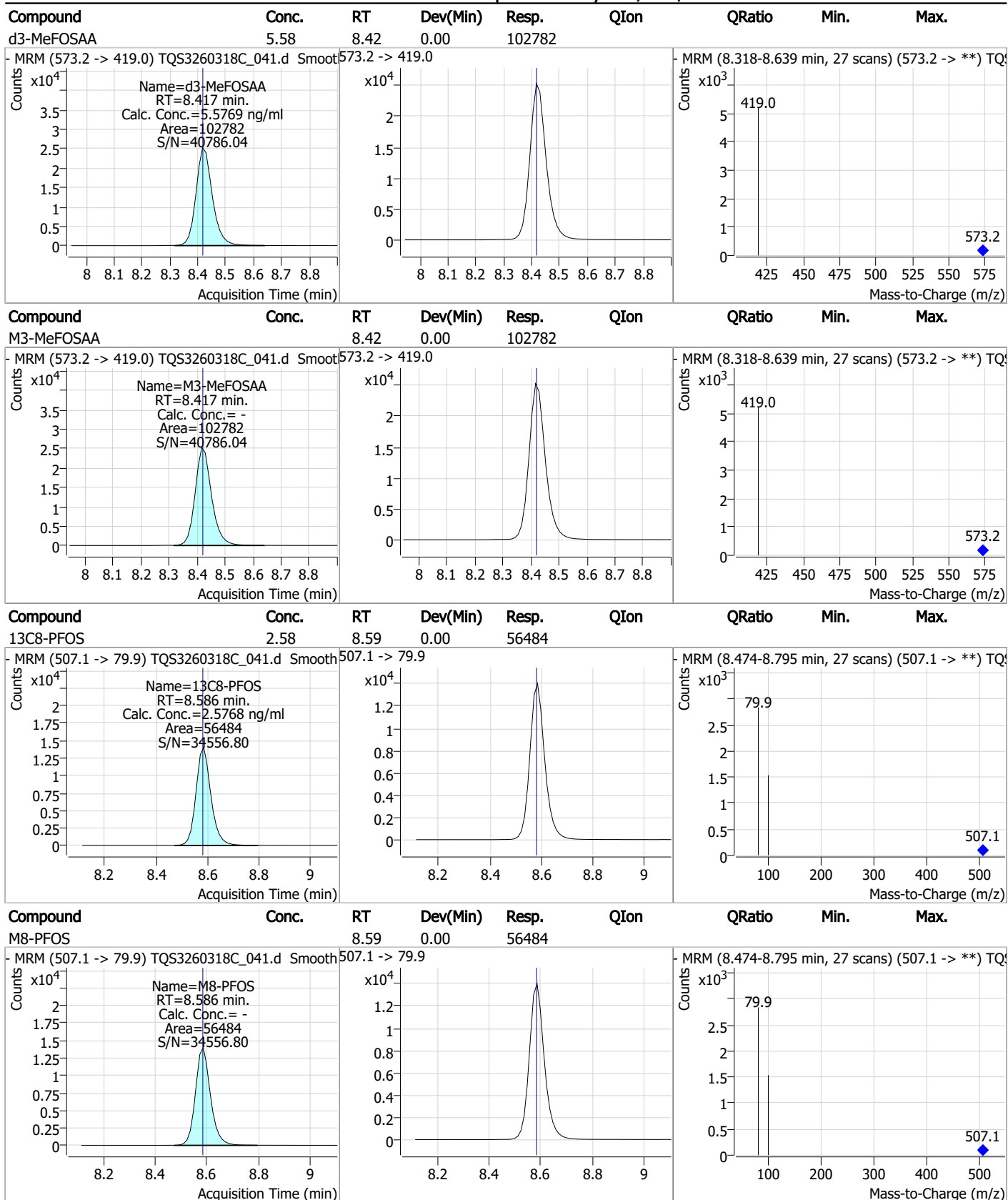
Perfluorinated Compounds by LC/MS/MS



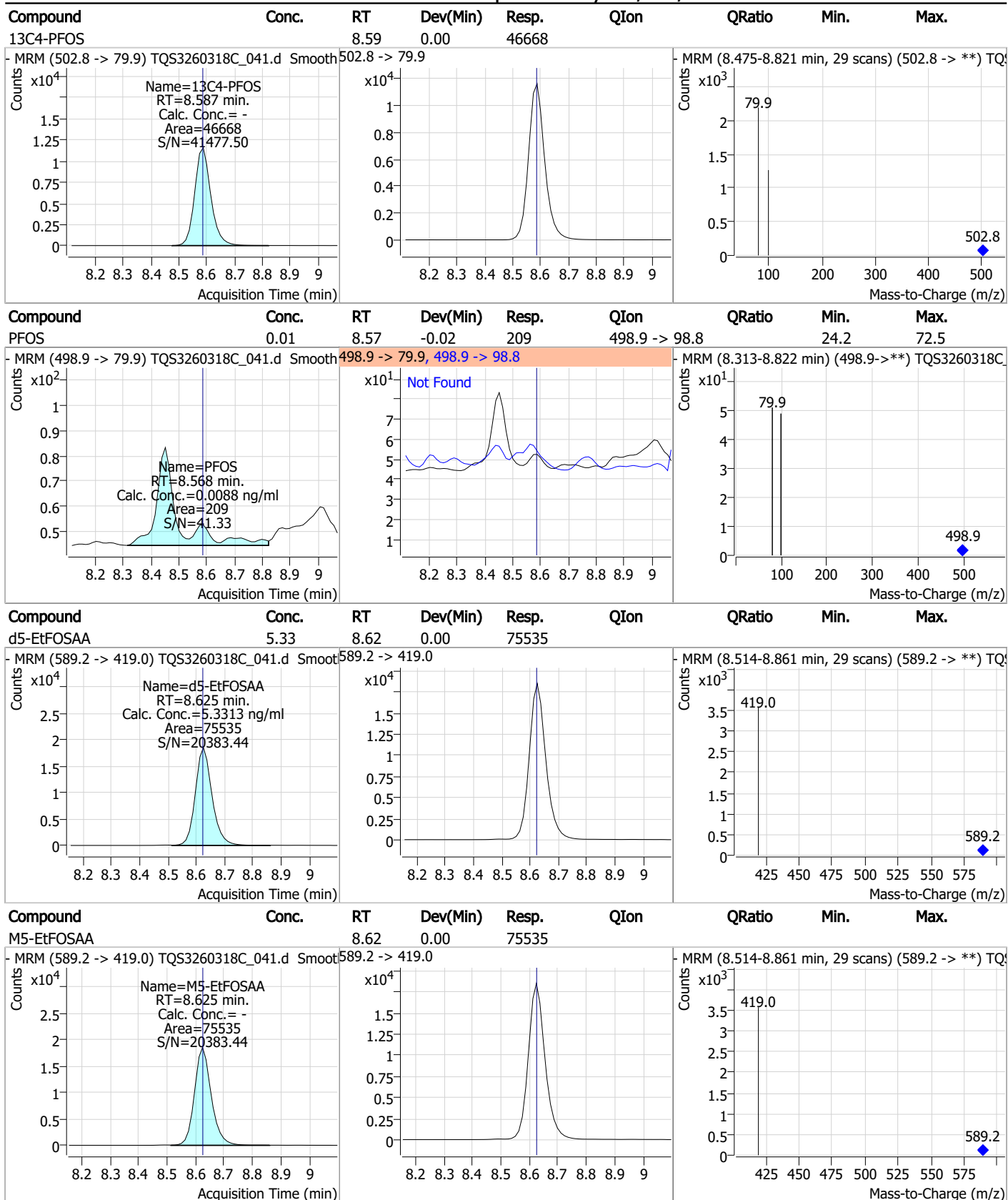
Perfluorinated Compounds by LC/MS/MS



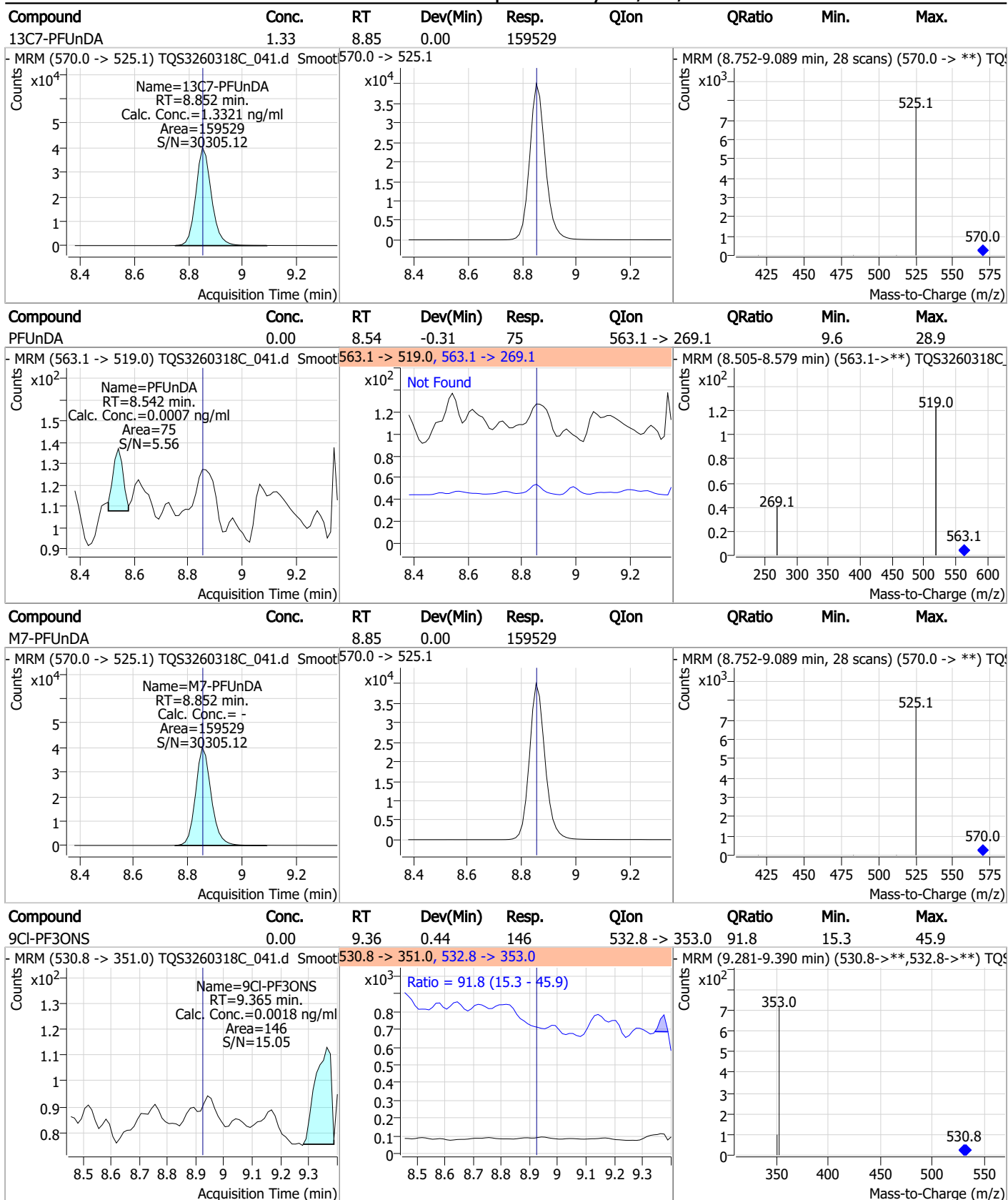
Perfluorinated Compounds by LC/MS/MS



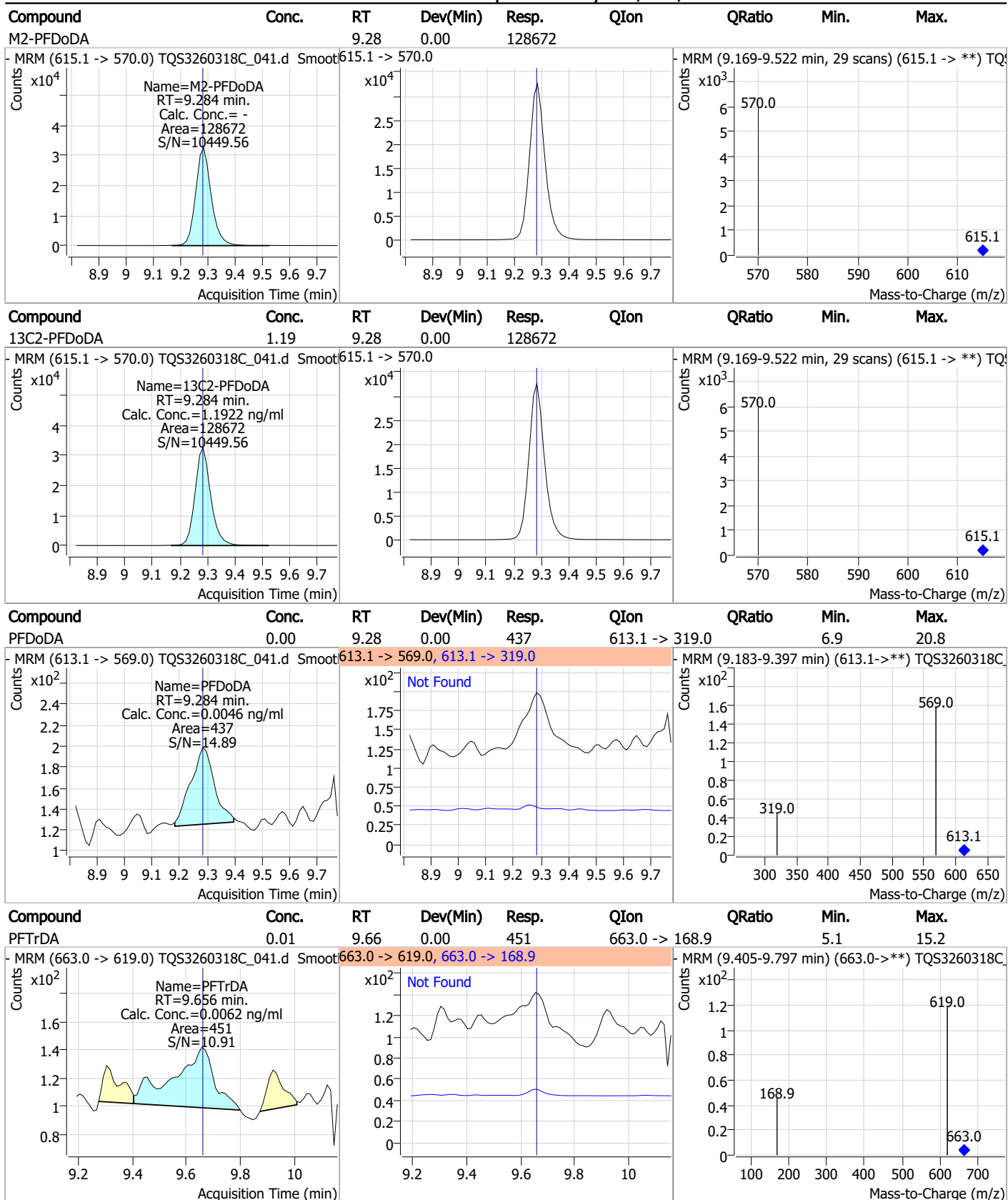
Perfluorinated Compounds by LC/MS/MS

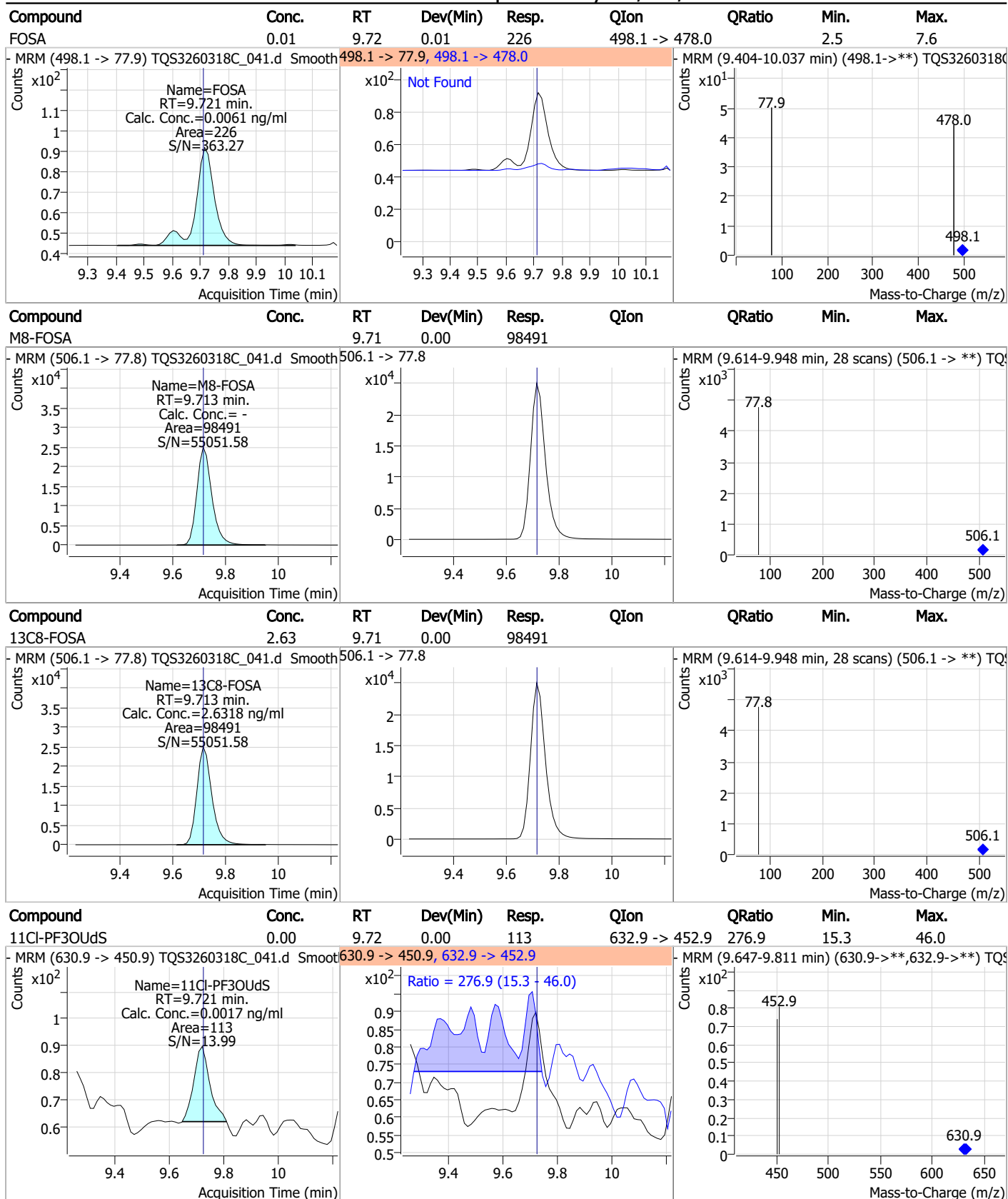


Perfluorinated Compounds by LC/MS/MS

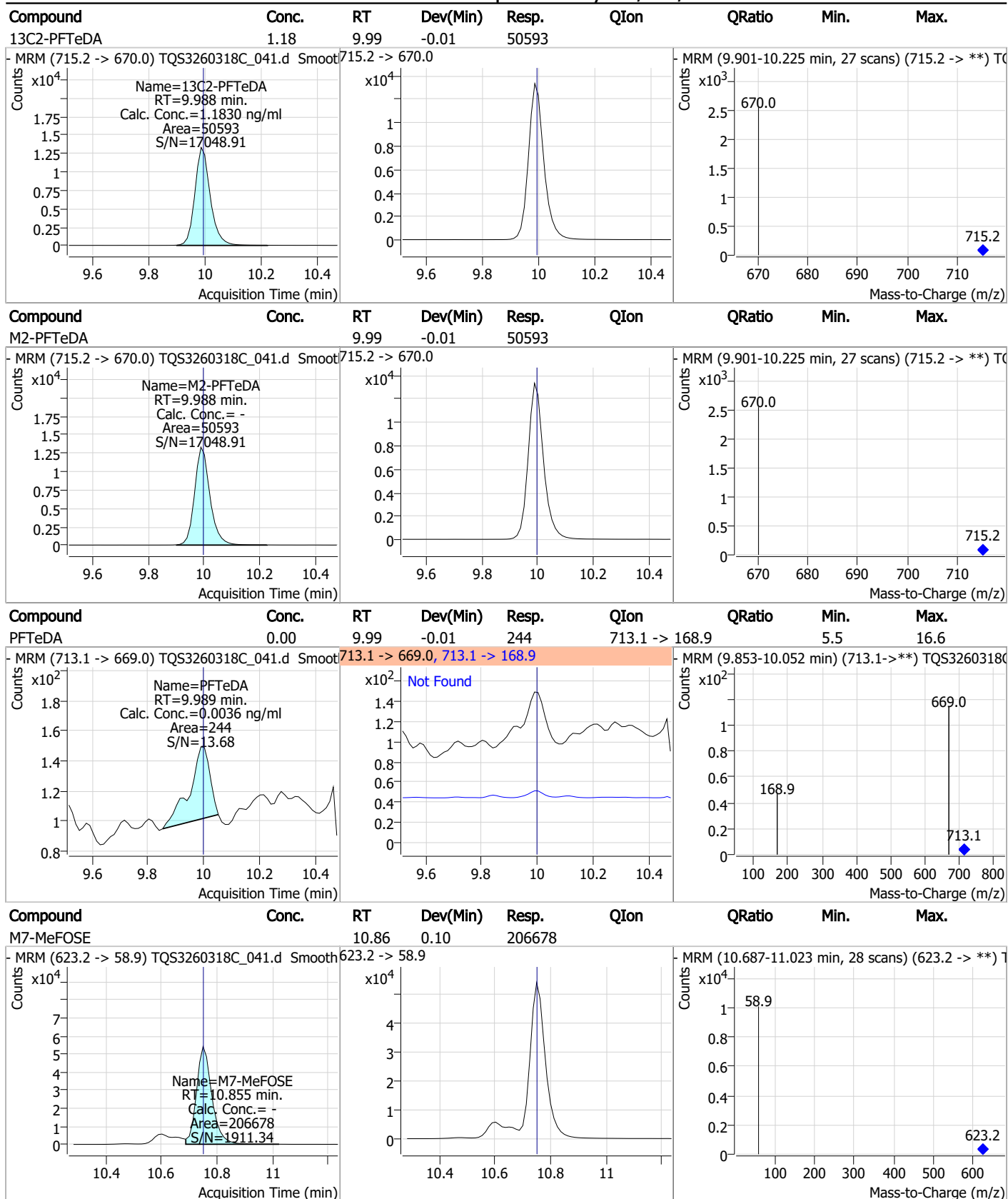


Perfluorinated Compounds by LC/MS/MS

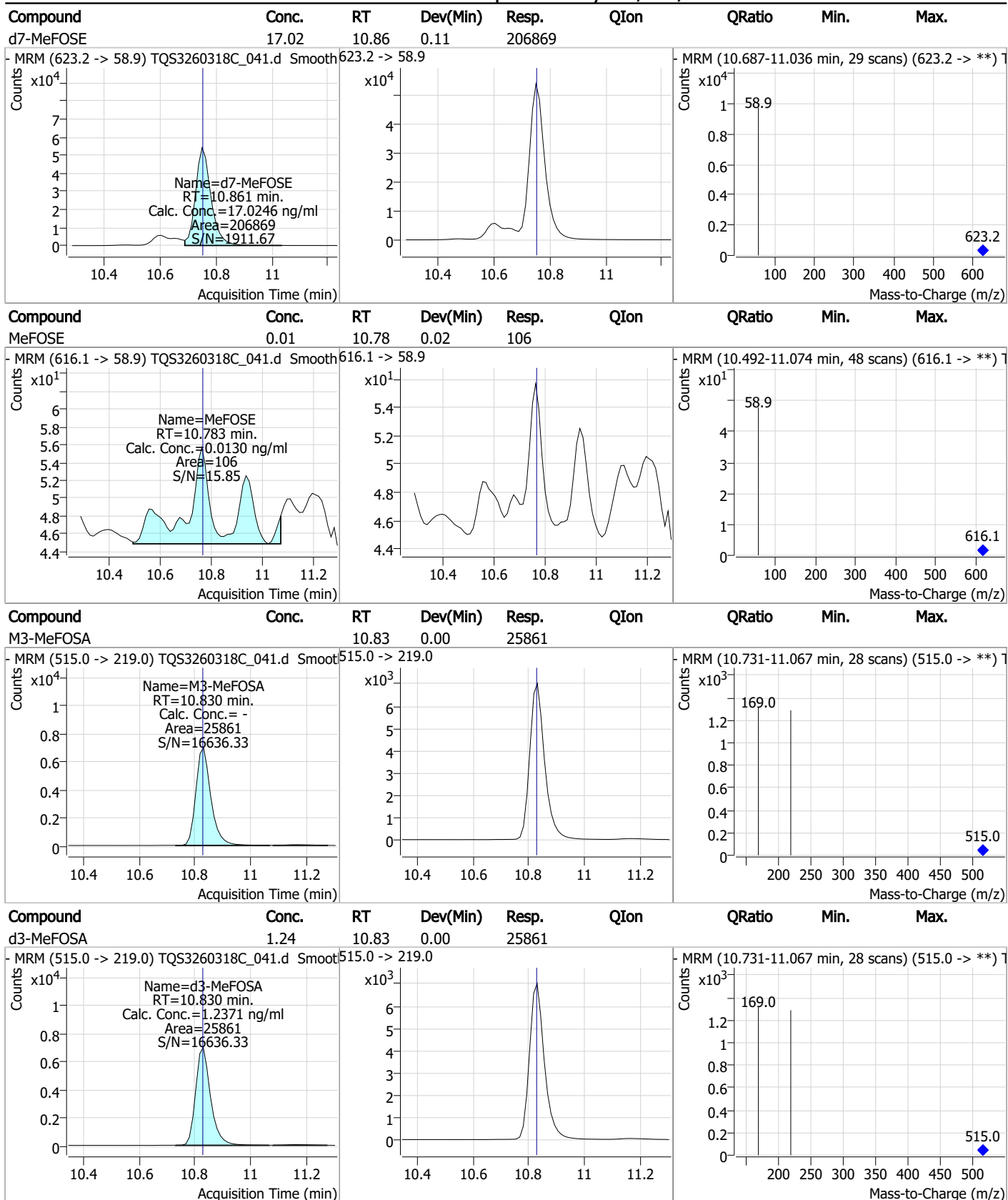




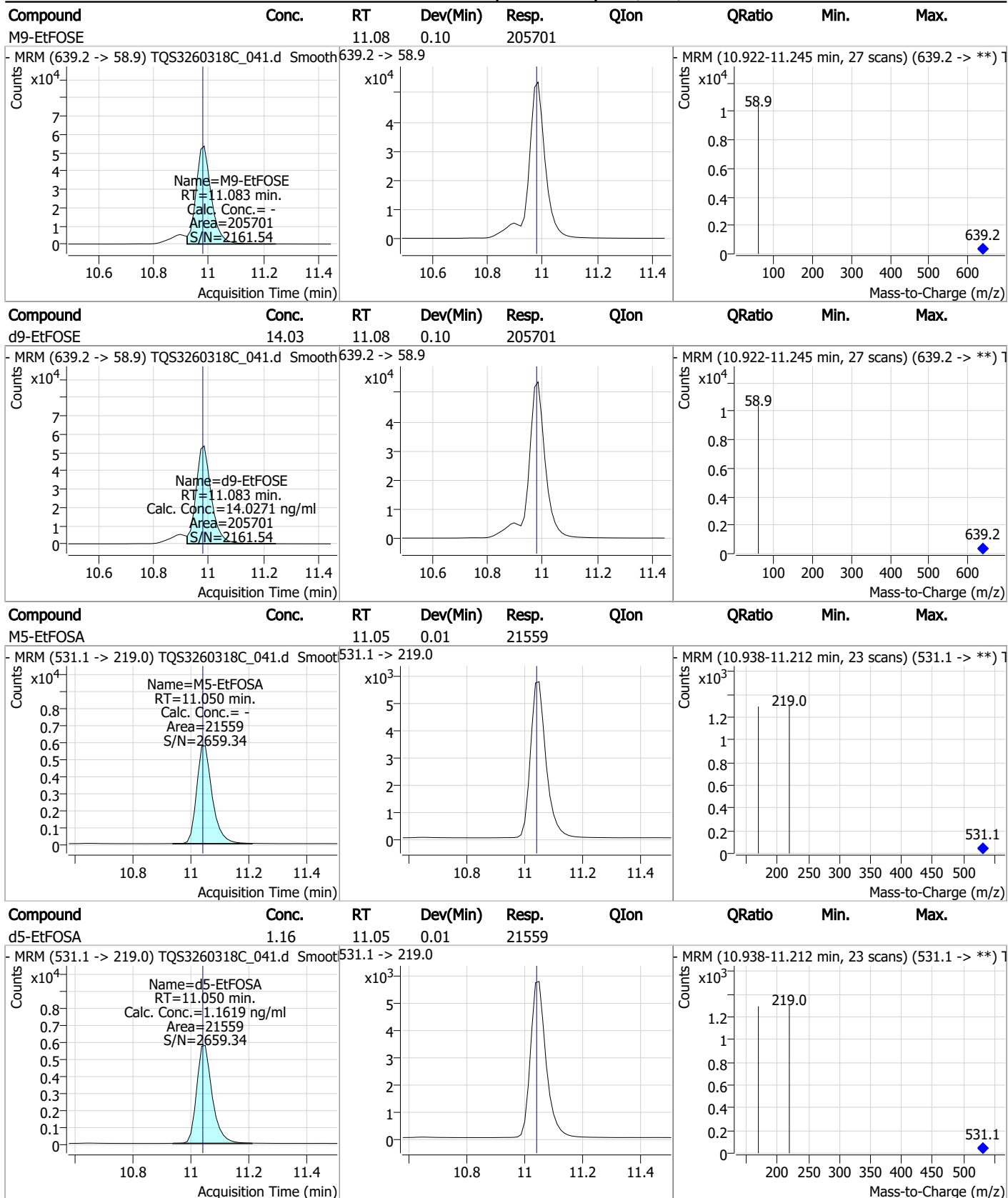
Perfluorinated Compounds by LC/MS/MS

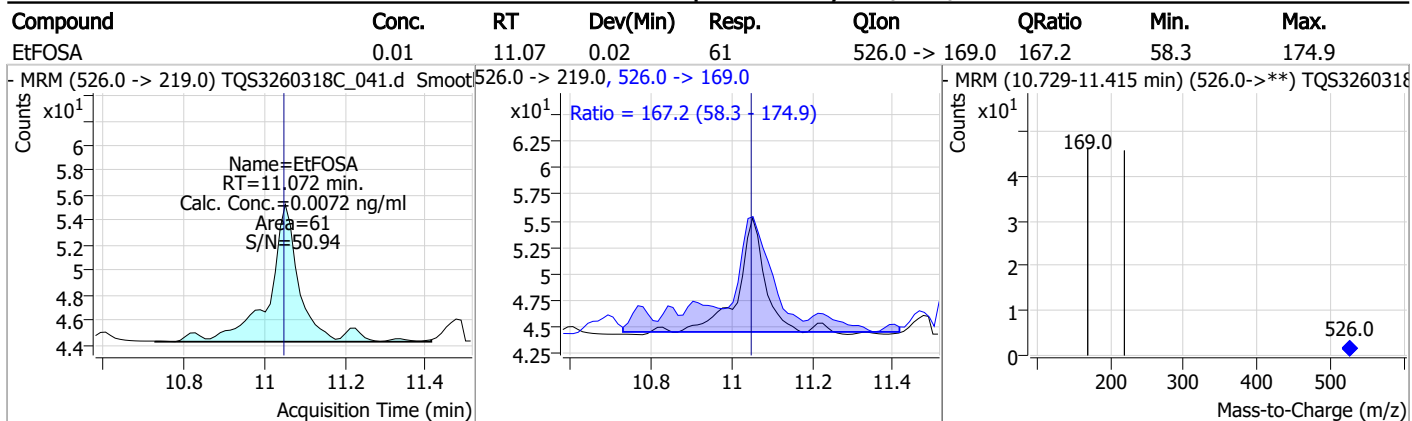


Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS





2

Perfluorinated Compounds by LC/MS/MS

Data File : TQS3260318C_042.d
 Operator
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 3:59:01 AM
 Sample Name : 307286
 Vial : P3-C2
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3914_1633.batch.bin
 Sample Information : LCS1

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Internal Standards					
13C2-PFDA	8.385	515.1 -> 470.1	109775	1.25 ng/ml	0.000
13C2-PFHxA	5.857	315.1 -> 270.0	229839	2.50 ng/ml	-0.004
13C3-PFBA	3.190	216.0 -> 172.0	360899	5.00 ng/ml	0.016
13C4-PFOA	7.369	417.1 -> 372.0	373479	2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	43260	2.50 ng/ml	0.002
13C5-PFNA	7.887	468.0 -> 423.0	150031	1.25 ng/ml	-0.007
18O2-PFHxS	7.522	403.0 -> 83.9	35651	2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	11507	5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	17598	5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	21348	5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	121898	1.25 ng/ml	0.003
M2-PFTeDA	9.988	715.2 -> 670.0	51159	1.25 ng/ml	-0.009
M3-HFPO-DA	6.235	286.9 -> 168.9	301805	10.00 ng/ml	0.000
M3-MeFOSA	10.830	515.0 -> 219.0	24636	2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	106448	5.00 ng/ml	-0.004
M3-PFBS	5.848	302.1 -> 79.9	84857	2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	63564	2.50 ng/ml	0.002
M4-PFBA	3.186	216.8 -> 171.9	929157	10.00 ng/ml	0.012
M4-PFHpA	6.751	367.1 -> 322.0	245256	2.50 ng/ml	0.002
M5-EtFOSA	11.050	531.1 -> 219.0	20326	2.50 ng/ml	0.009
M5-EtFOSAA	8.625	589.2 -> 419.0	76558	5.00 ng/ml	-0.001
M5-PFHxA	5.856	318.0 -> 273.0	280720	2.50 ng/ml	-0.006
M5-PFPeA	4.649	268.3 -> 223.0	407174	5.00 ng/ml	0.008
M6-PFDA	8.385	519.1 -> 474.1	107164	1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	179437	25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	156657	1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	98865	2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	375426	2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	54618	2.50 ng/ml	0.001
M9-EtFOSE	11.083	639.2 -> 58.9	182979	25.00 ng/ml	0.105
M9-PFNA	7.887	472.1 -> 427.0	155404	1.25 ng/ml	-0.007

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	11507	5.95 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 119.0%	
13C2-6:2FTS	7.130	429.1 -> 80.9	17598	5.83 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 116.6%	
13C2-8:2FTS	8.160	529.1 -> 80.9	21348	6.50 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 129.9%	
13C2-PFDoDA	9.284	615.1 -> 570.0	121898	1.23 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 98.7%	
13C2-PFTeDA	9.988	715.2 -> 670.0	51159	1.31 ng/ml	-0.008
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 104.5%	
13C3-HFPO-DA	6.235	286.9 -> 168.9	301805	10.55 ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 105.5%	
d3-MeFOSA	10.830	515.0 -> 219.0	24636	1.27 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 50.9%	
d3-MeFOSAA	8.417	573.2 -> 419.0	106448		6.23 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 124.6%	
13C3-PFBs	5.848	302.1 -> 79.9	84857		2.70 ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 107.8%	
13C3-PFHxS	7.523	402.1 -> 79.9	63564		2.69 ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 107.5%	
13C4-PFBA	3.187	216.8 -> 171.9	936008		10.98 ng/ml	0.015
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 109.8%	
13C4-PFHpA	6.751	367.1 -> 322.0	245256		2.66 ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 106.4%	
d5-EtFOSA	11.050	531.1 -> 219.0	20326		1.18 ng/ml	0.009
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 47.3%	
d5-EtFOSAA	8.625	589.2 -> 419.0	76558		5.83 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 116.6%	
13C5-PFHxA	5.856	318.0 -> 273.0	280720		2.70 ng/ml	-0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 107.9%	
13C5-PFPeA	4.649	268.3 -> 223.0	407174		5.44 ng/ml	0.010
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 108.9%	
13C6-PFDA	8.385	519.1 -> 474.1	107164		1.37 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 109.7%	
d7-MeFOSE	10.861	623.2 -> 58.9	179470		15.93 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 63.7%	
13C7-PFUnDA	8.852	570.0 -> 525.1	156657		1.43 ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 114.3%	
13C8-FOSA	9.713	506.1 -> 77.8	98865		2.85 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 114.0%	
13C8-PFOA	7.369	421.1 -> 376.0	375426		2.71 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 108.6%	
13C8-PFOS	8.586	507.1 -> 79.9	54618		2.69 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 107.5%	
d9-EtFOSE	11.083	639.2 -> 58.9	182979		13.46 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 53.8%	
13C9-PFNA	7.887	472.1 -> 427.0	155404		1.32 ng/ml	-0.007
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 105.2%	

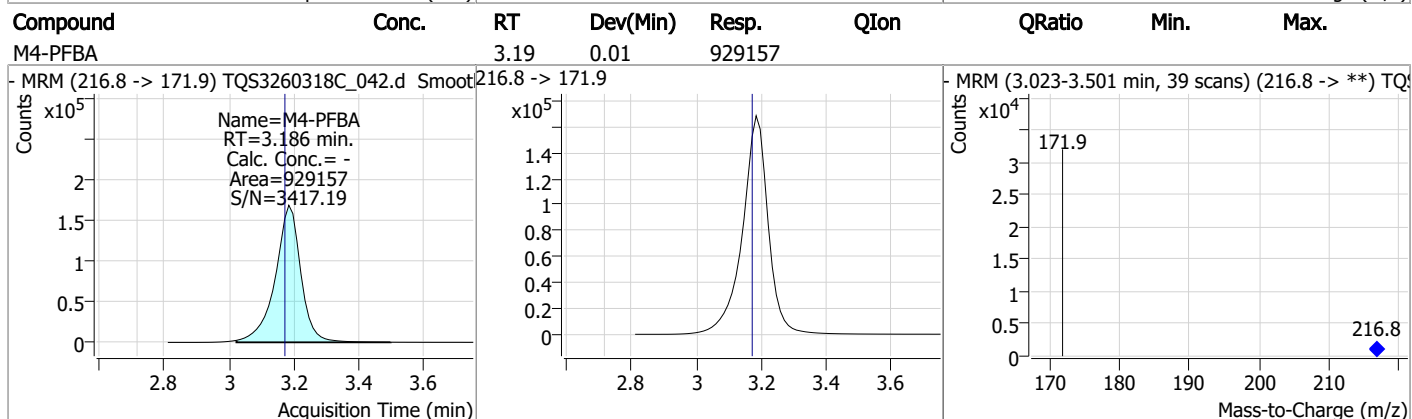
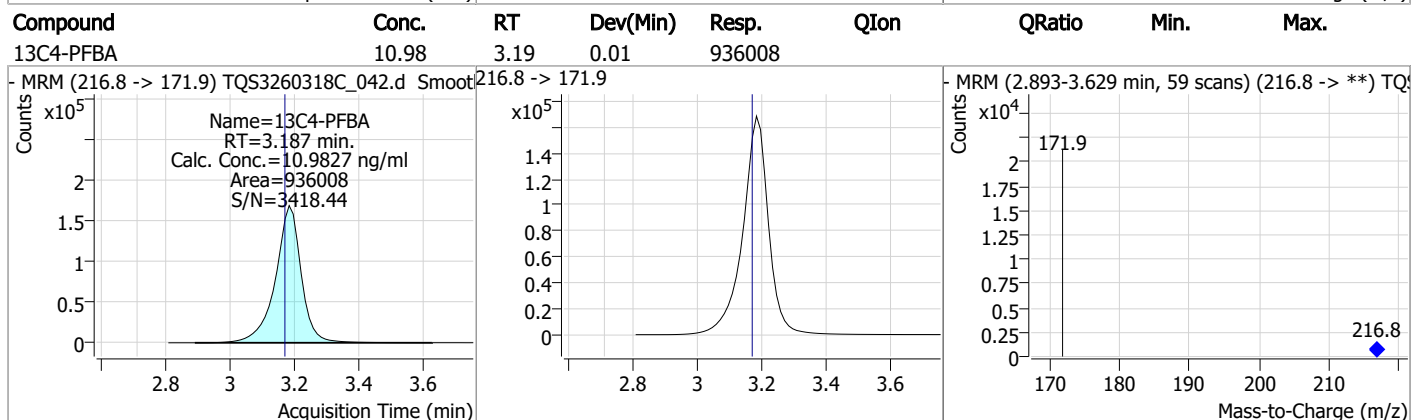
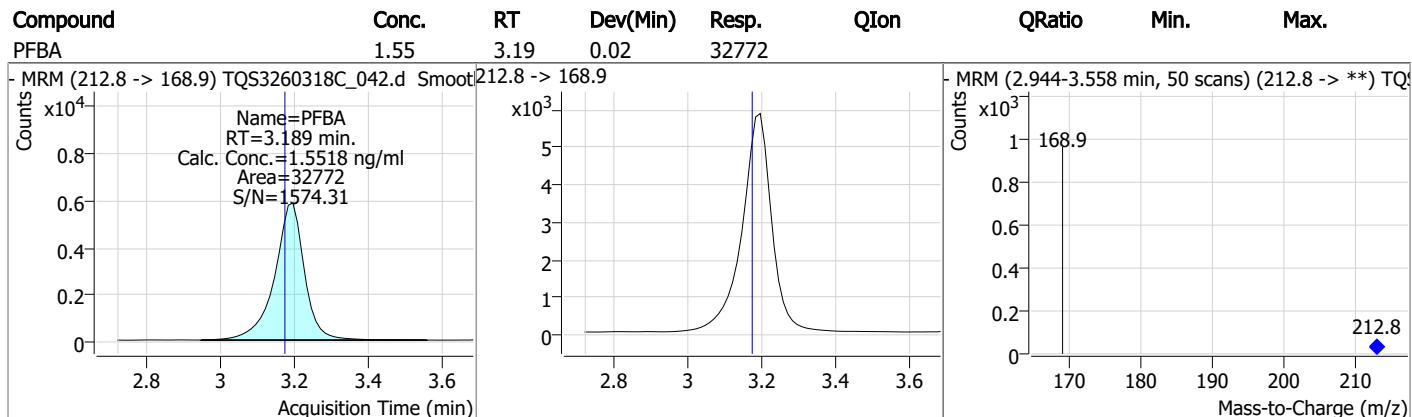
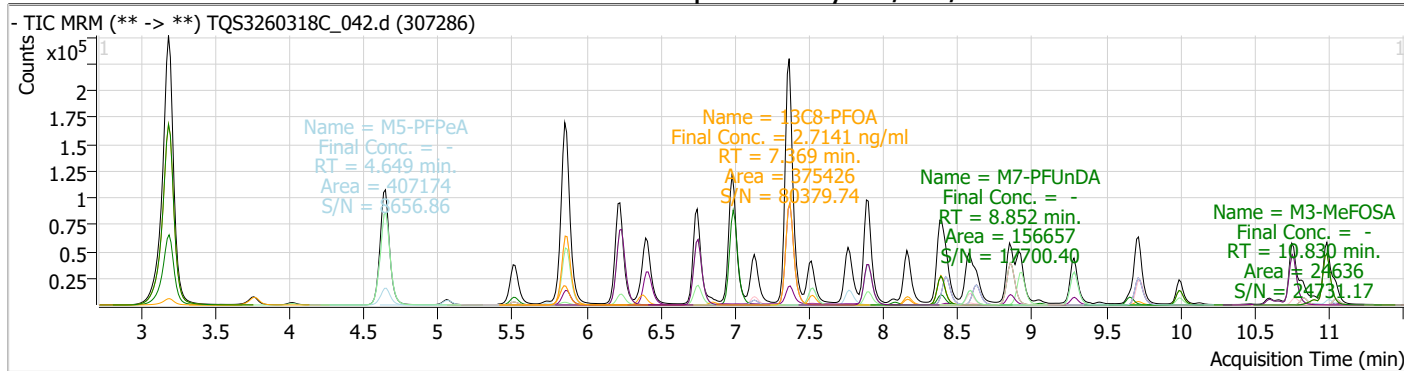
Target Compounds

						QValue
11CI-PF3OUdS	9.721	630.9 -> 450.9	91501		1.40 ng/ml	99
TDCA	-	498.9 -> 79.9	-	-	N.D.	
3:3 FTCA	4.022	241.0 -> 177.0	6128		1.56 ng/ml	99
4:2FTS	5.508	327.1 -> 307.0	31182		1.52 ng/ml	99
5:3 FTCA	6.414	341.0 -> 237.1	134439		9.77 ng/ml	97
6:2FTS	7.131	427.1 -> 407.0	30976		1.43 ng/ml	100
7:3 FTCA	7.766	441.0 -> 316.9	59046		9.76 ng/ml	98
8:2FTS	8.160	527.1 -> 507.0	31396		1.31 ng/ml	97
9CI-PF3ONS	8.930	530.8 -> 351.0	122545		1.59 ng/ml	100
ADONA	6.987	376.9 -> 250.9	349317		1.62 ng/ml	100
EtFOSA	11.072	526.0 -> 219.0	7927		1.00 ng/ml	95
EtFOSAA	8.596	584.2 -> 419.1	4709		0.38 ng/ml	93
EtFOSE	10.979	630.0 -> 58.9	27793		4.41 ng/ml	100
FOSA	9.721	498.1 -> 77.9	14136		0.38 ng/ml	97
HFPO-DA	6.236	284.9 -> 168.9	42756		1.55 ng/ml	96
MeFOSA	10.845	511.9 -> 219.0	3122		0.38 ng/ml	99
MeFOSAA	8.418	570.1 -> 419.0	7053		0.36 ng/ml	94
MeFOSE	10.783	616.1 -> 58.9	27839		3.93 ng/ml	100
NFDHA	5.740	295.0 -> 201.0	8474		0.78 ng/ml	99
PFBA	3.189	212.8 -> 168.9	32772		1.55 ng/ml	100

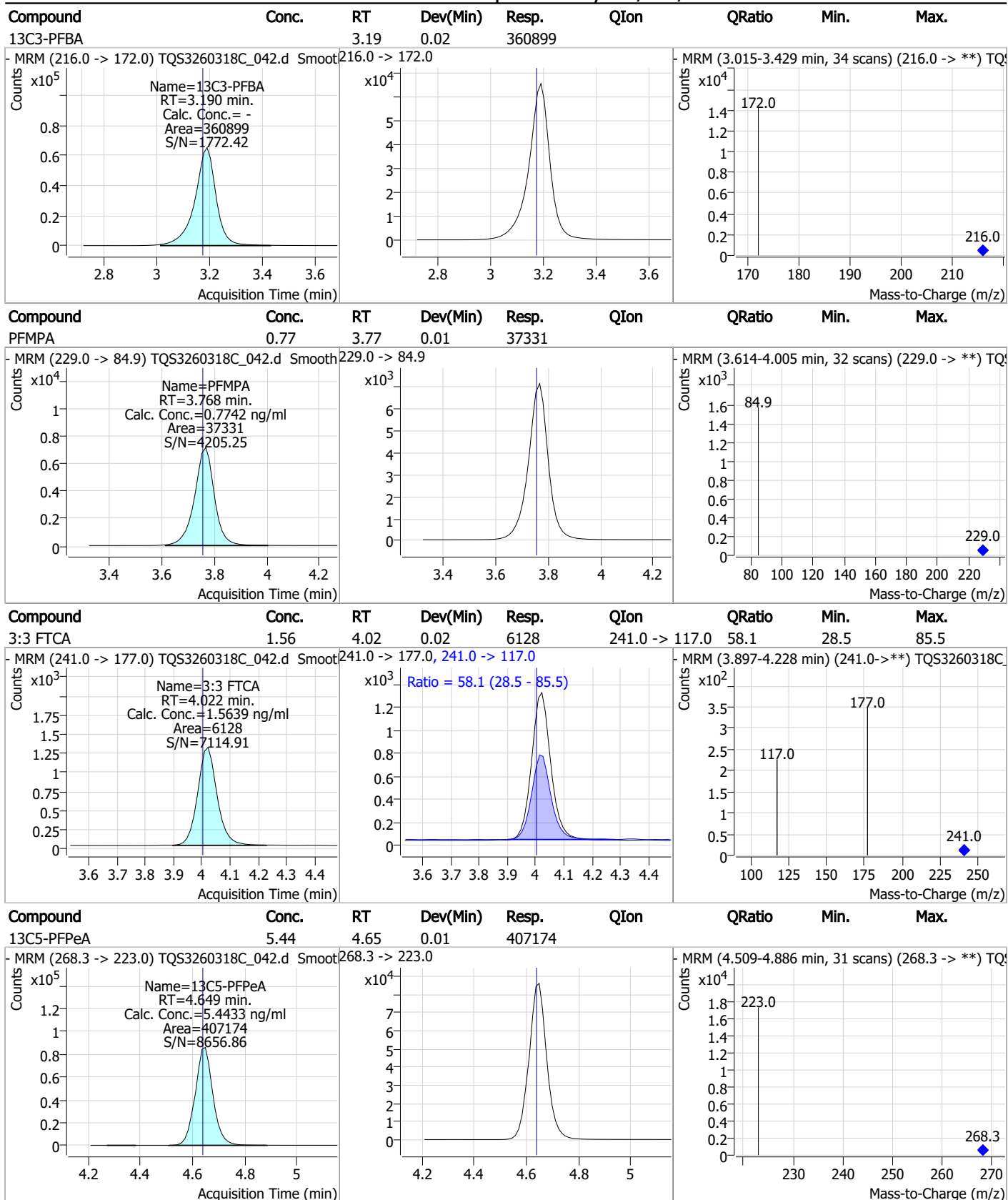
Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	11858	0.38 ng/ml	100
PFDA	8.386	512.9 -> 469.0	37791	0.39 ng/ml	98
PFDoDA	9.284	613.1 -> 569.0	27457	0.31 ng/ml	98
PFDoDS	10.129	699.1 -> 79.9	2583	0.34 ng/ml	96
PFDS	9.462	599.0 -> 79.9	4096	0.34 ng/ml	99
PFEESA	6.381	314.8 -> 134.9	40396	0.37 ng/ml	99
PFHpA	6.751	363.1 -> 319.0	73184	0.39 ng/ml	99
PFHpS	8.080	449.0 -> 79.9	10163	0.39 ng/ml	98
PFHxA	5.859	313.0 -> 269.0	58625	0.37 ng/ml	99
PFHxS	7.504	398.7 -> 79.9	8614	0.43 ng/ml	96
PFMBA	5.065	279.0 -> 85.1	19818	0.38 ng/ml	100
PFMPA	3.768	229.0 -> 84.9	37331	0.77 ng/ml	100
PFNA	7.900	463.0 -> 419.0	50520	0.38 ng/ml	100
PFNS	9.053	548.8 -> 79.9	6156	0.36 ng/ml	99
PFOA	7.371	413.0 -> 369.0	65599	0.37 ng/ml	99
PFOS	8.568	498.9 -> 79.9	9266	0.40 ng/ml	98
PFPeA	4.652	263.0 -> 219.0	73910	0.75 ng/ml	100
PFPeS	6.853	349.1 -> 79.9	10702	0.39 ng/ml	97
PFTeDA	9.989	713.1 -> 669.0	24900	0.37 ng/ml	98
PFTrDA	9.656	663.0 -> 619.0	27857	0.40 ng/ml	99
PFUnDA	8.853	563.1 -> 519.0	38648	0.37 ng/ml	100

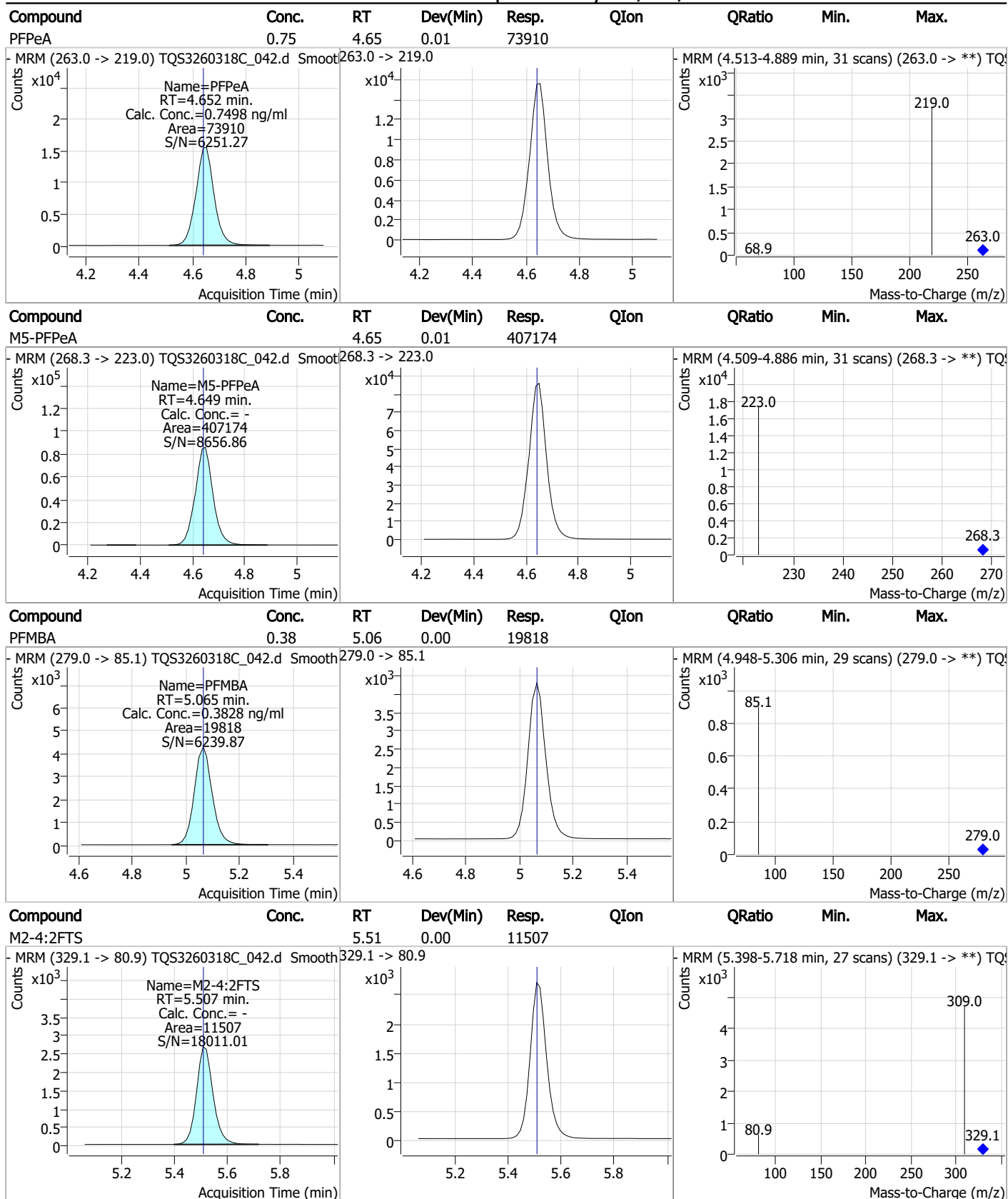
= Qualifier out of range, m = manually integrated, + = Area summed



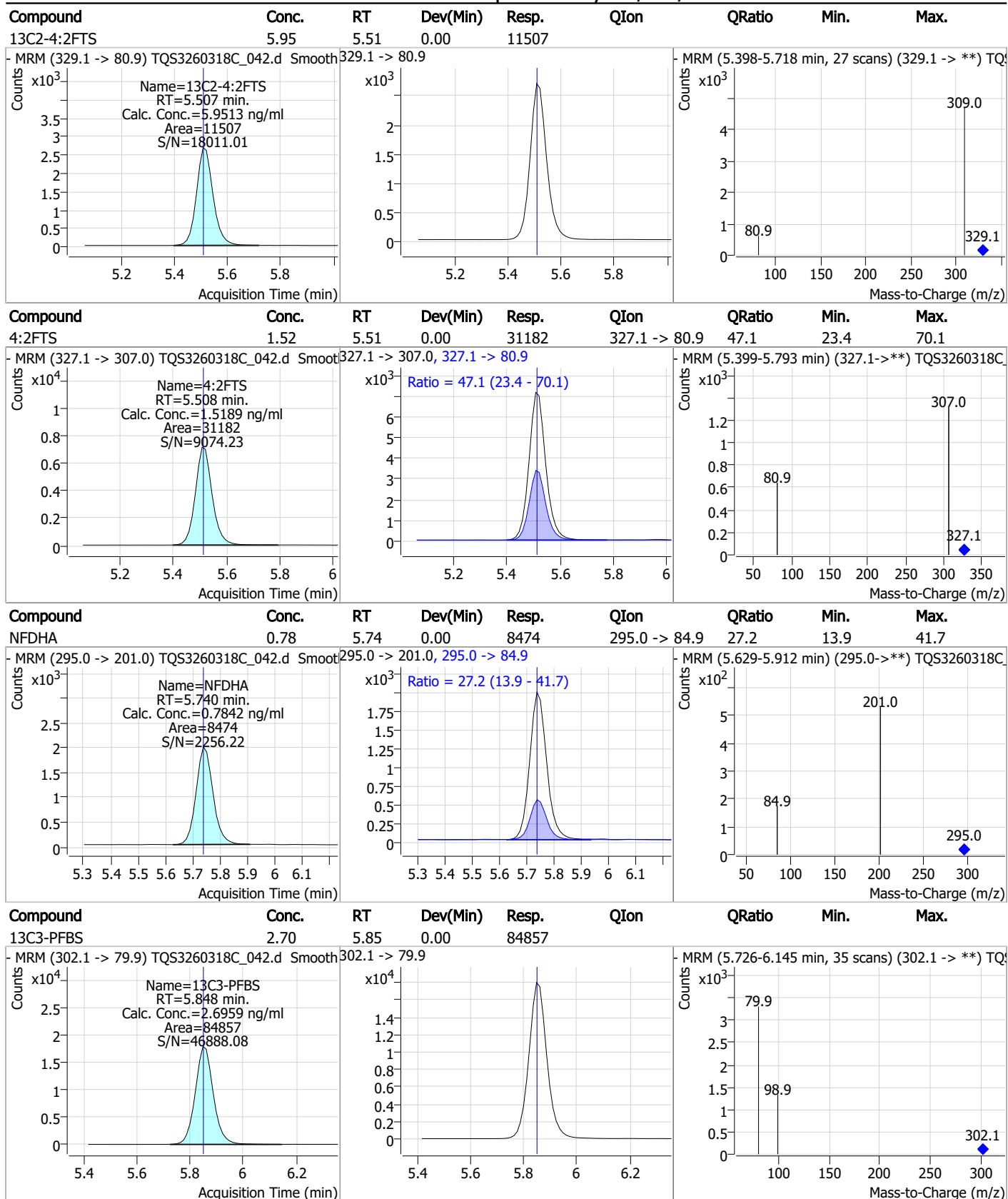
Perfluorinated Compounds by LC/MS/MS

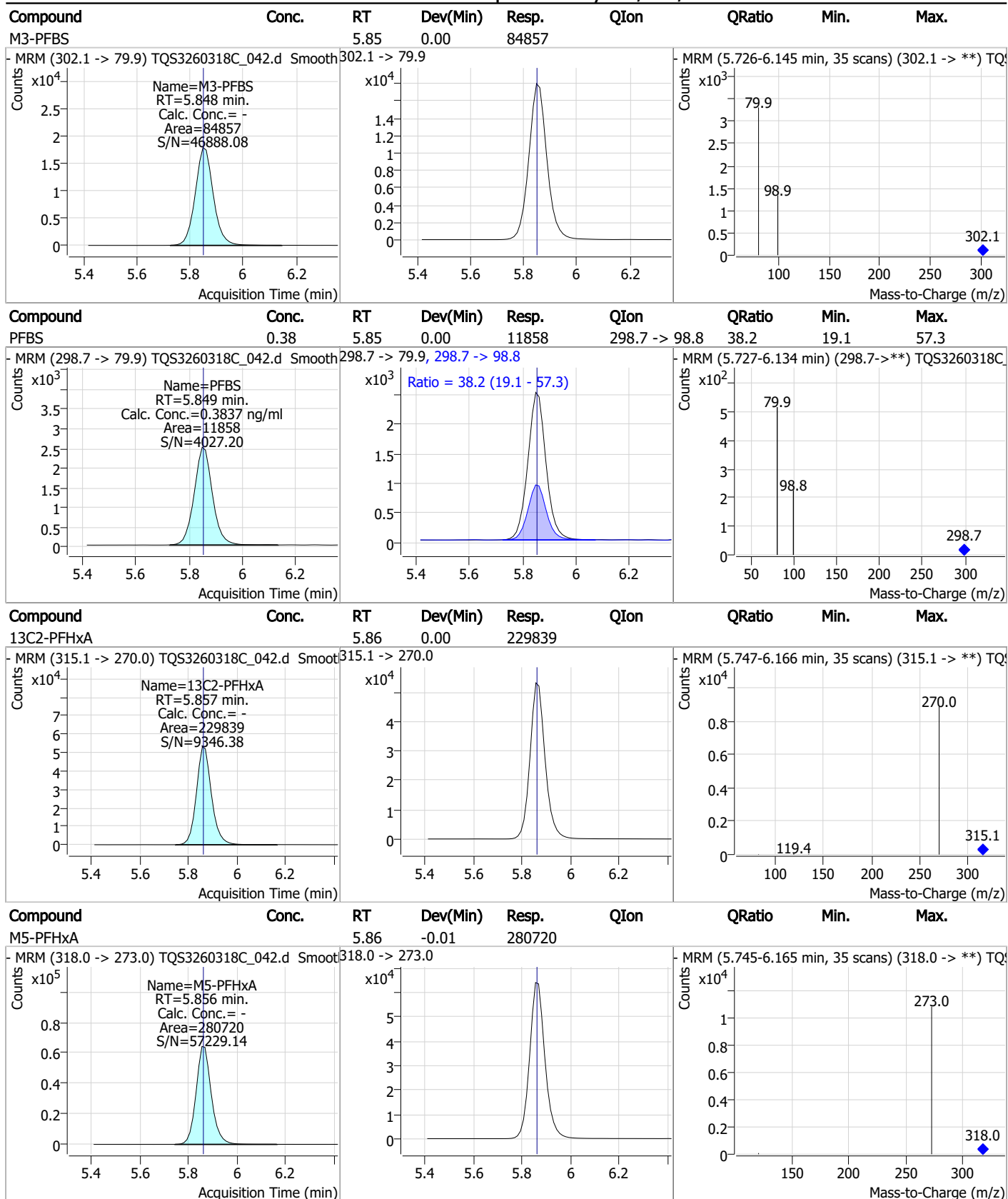


Perfluorinated Compounds by LC/MS/MS

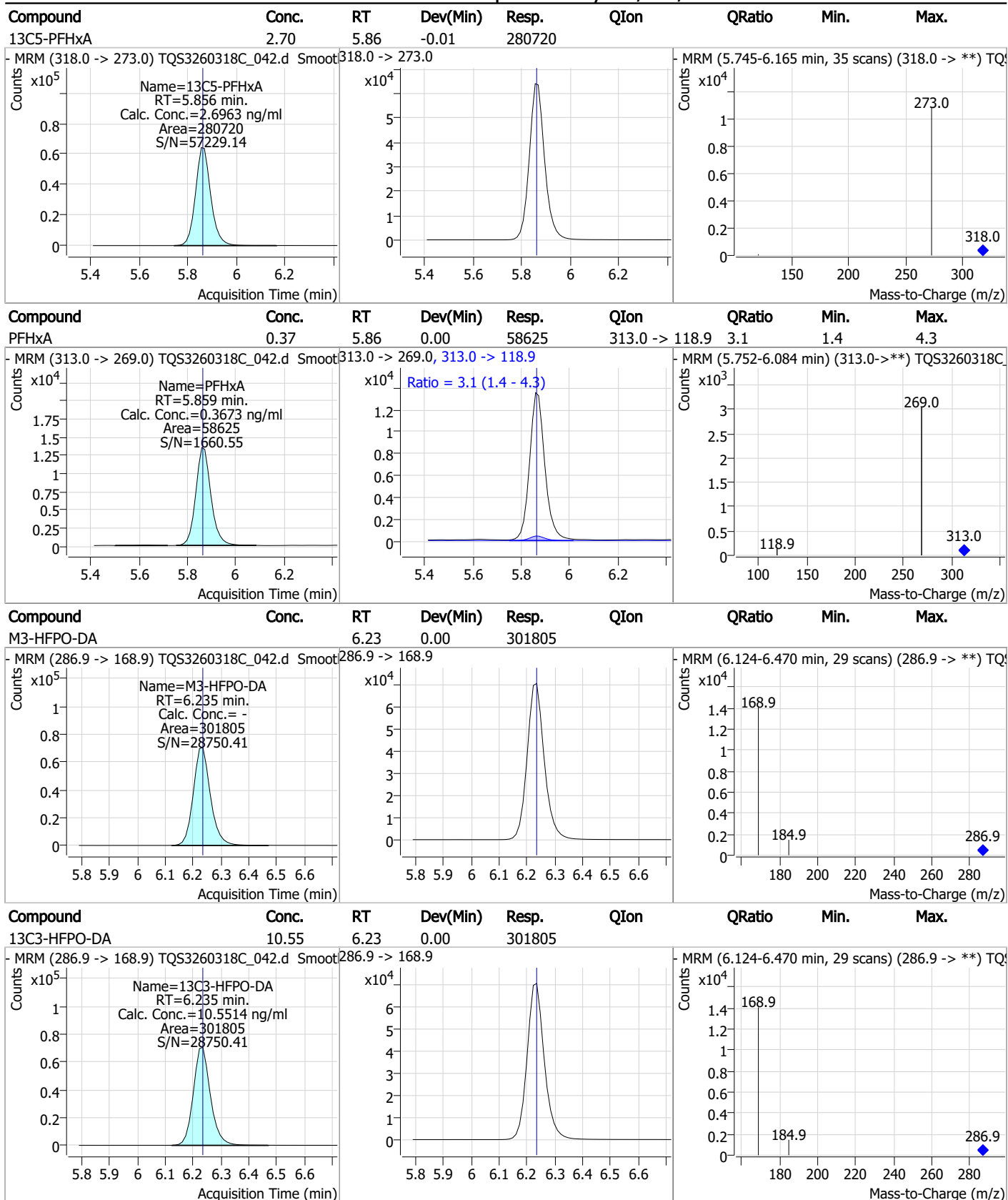


Perfluorinated Compounds by LC/MS/MS

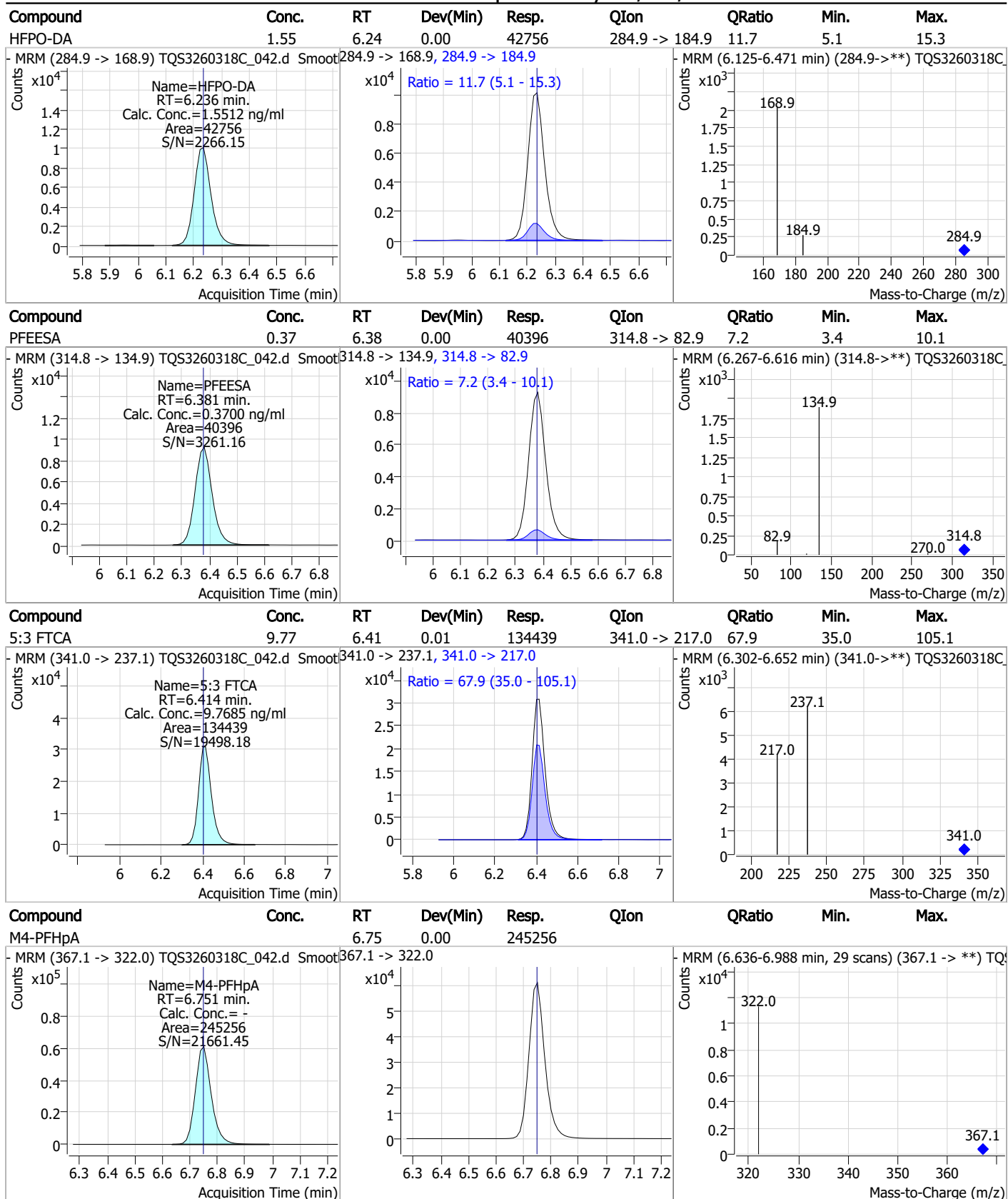




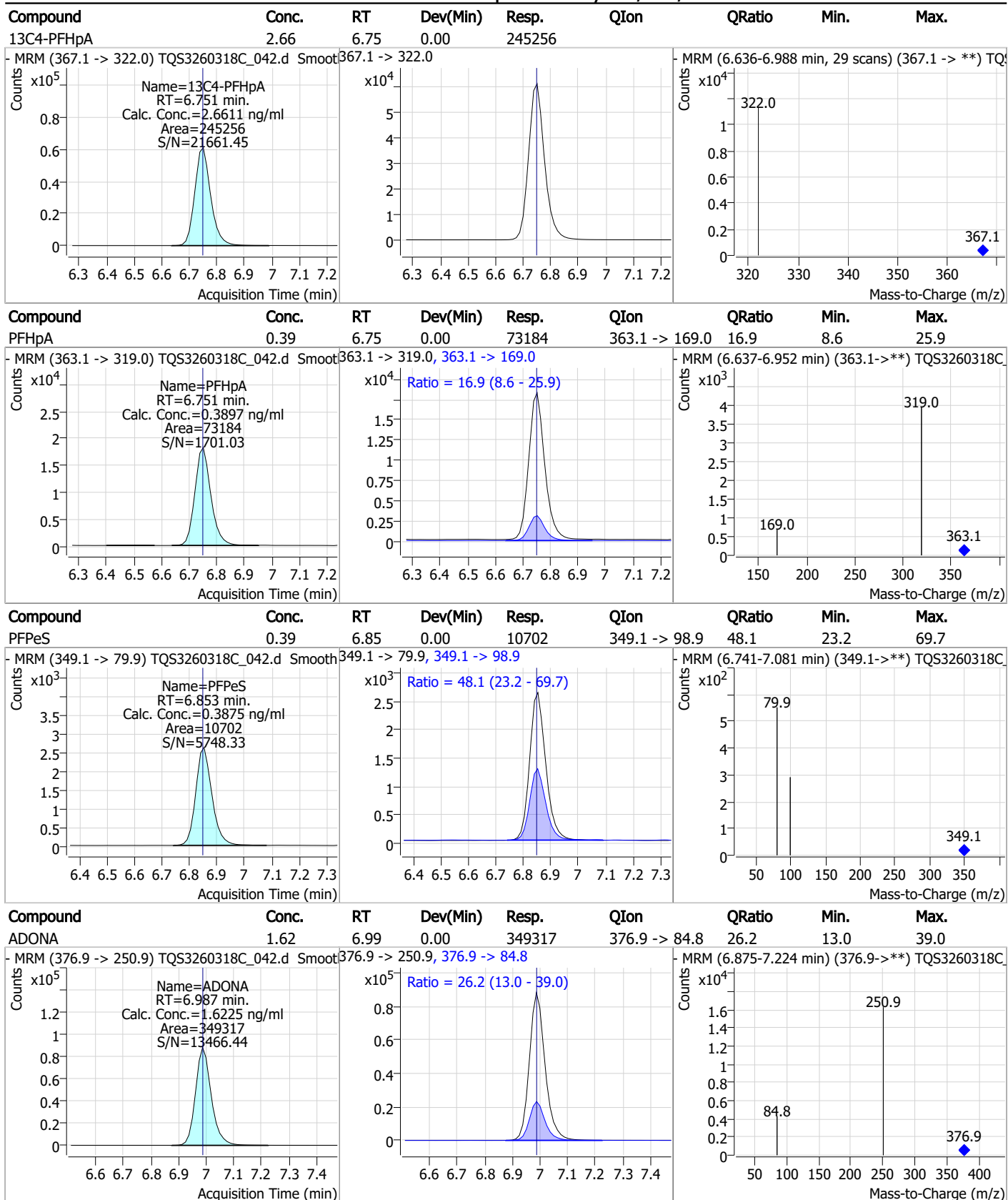
Perfluorinated Compounds by LC/MS/MS



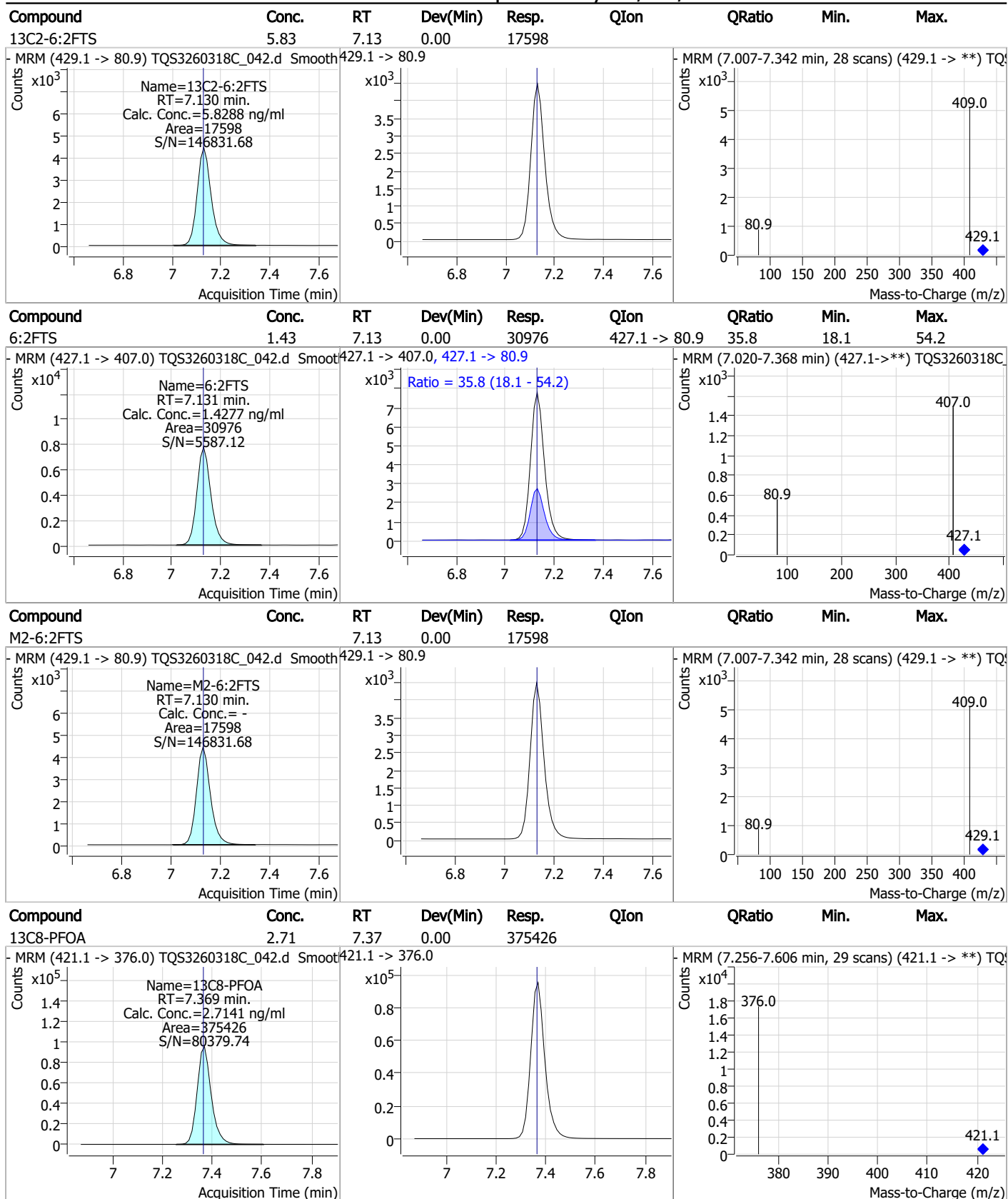
Perfluorinated Compounds by LC/MS/MS

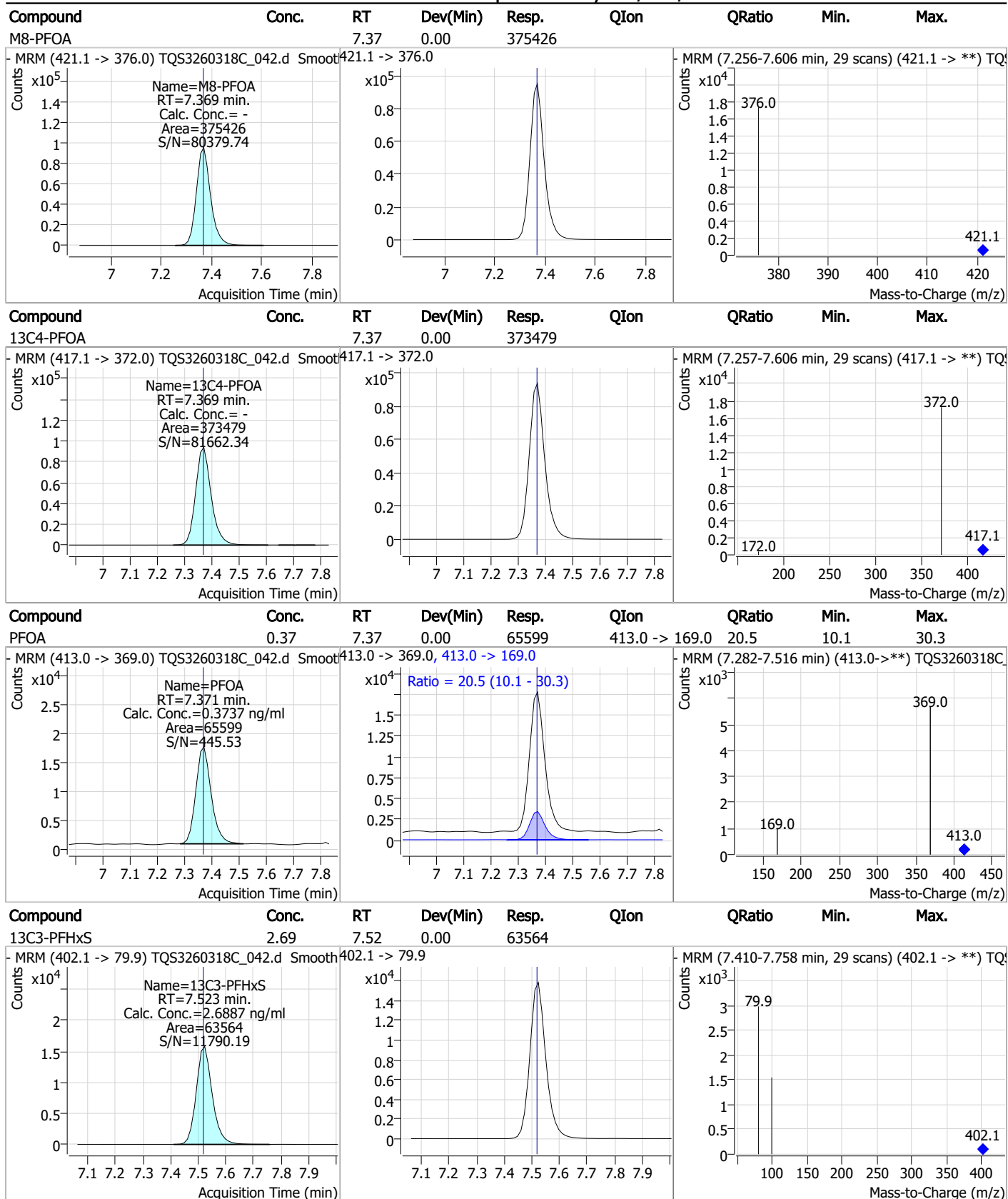


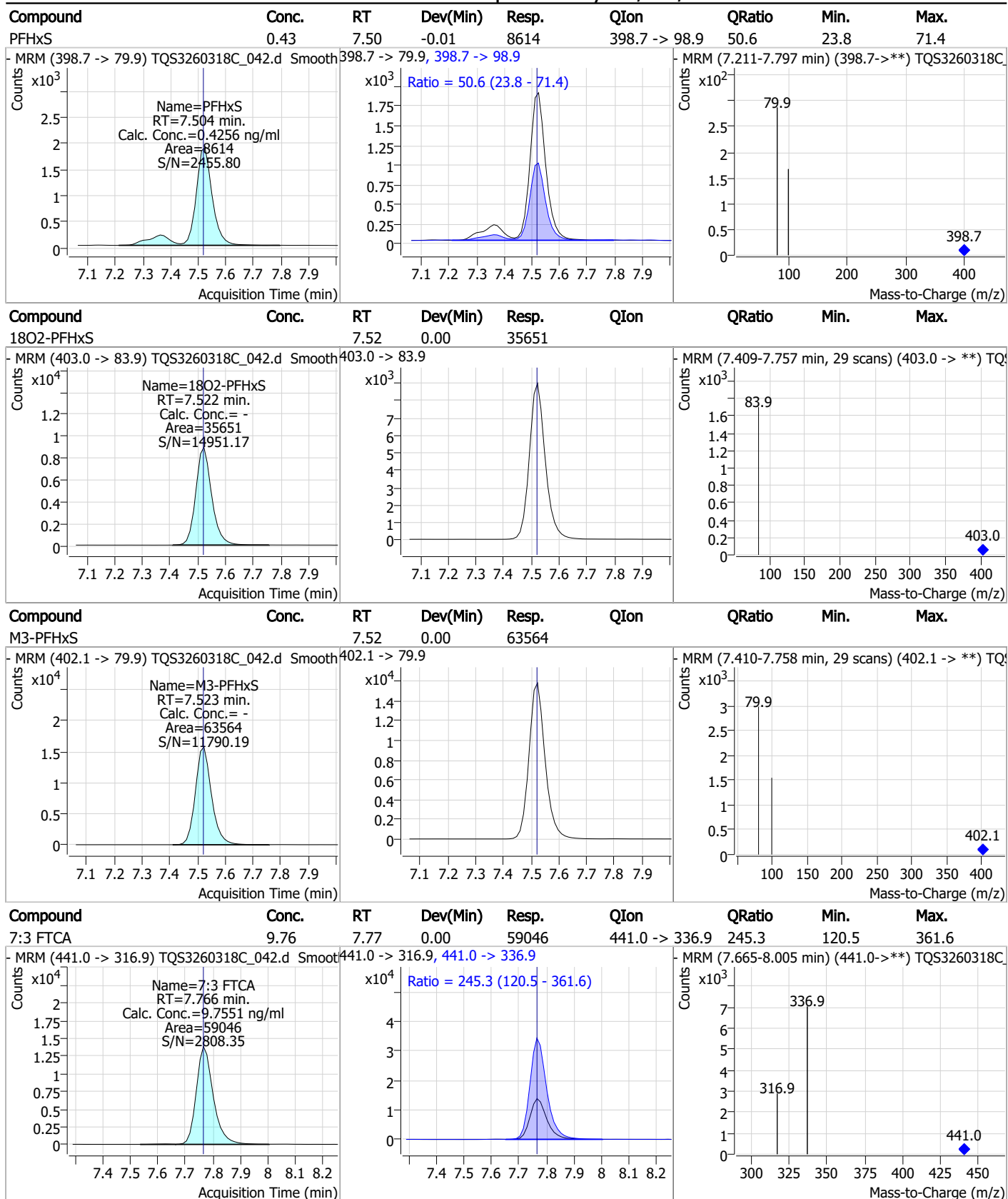
Perfluorinated Compounds by LC/MS/MS



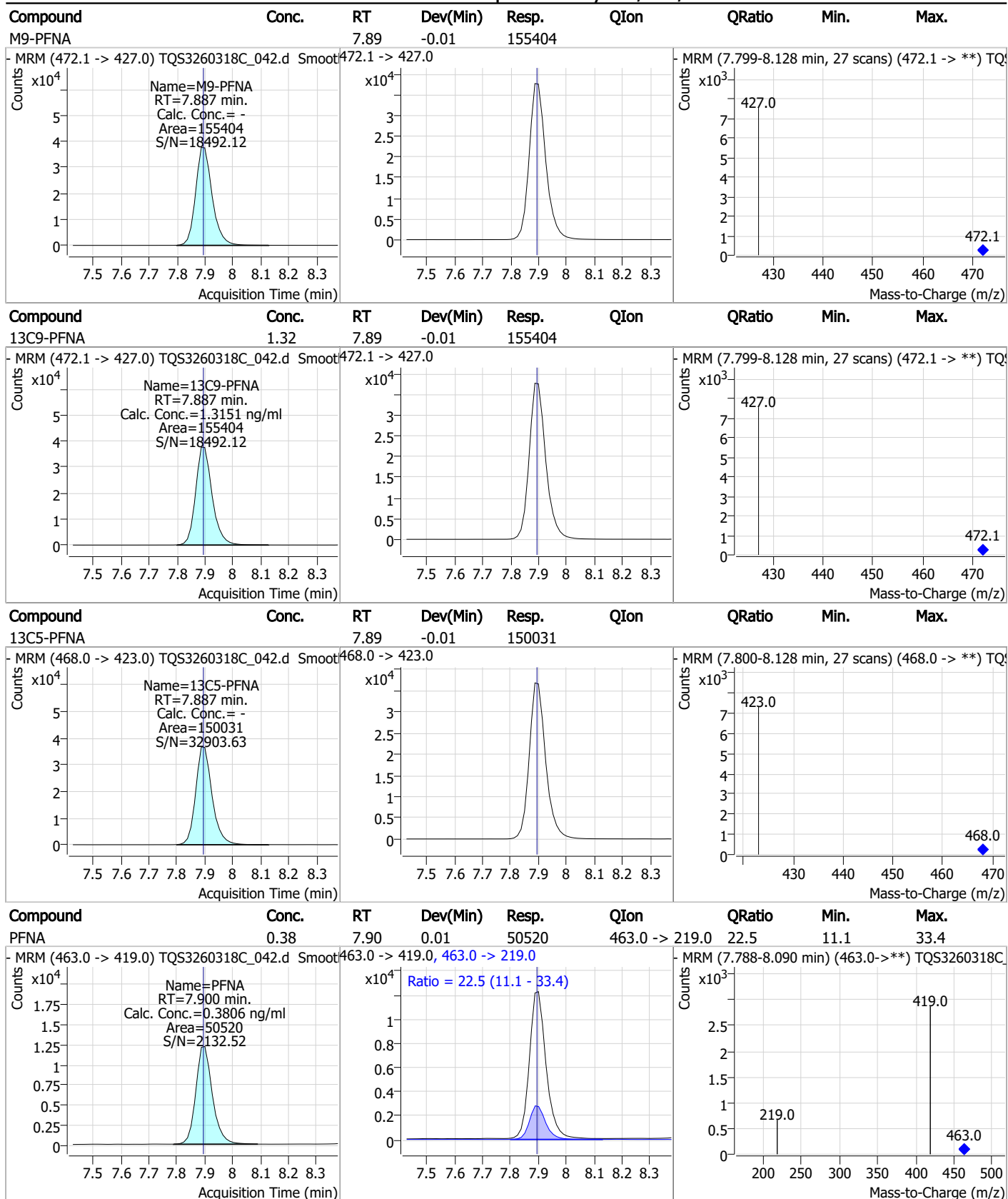
Perfluorinated Compounds by LC/MS/MS

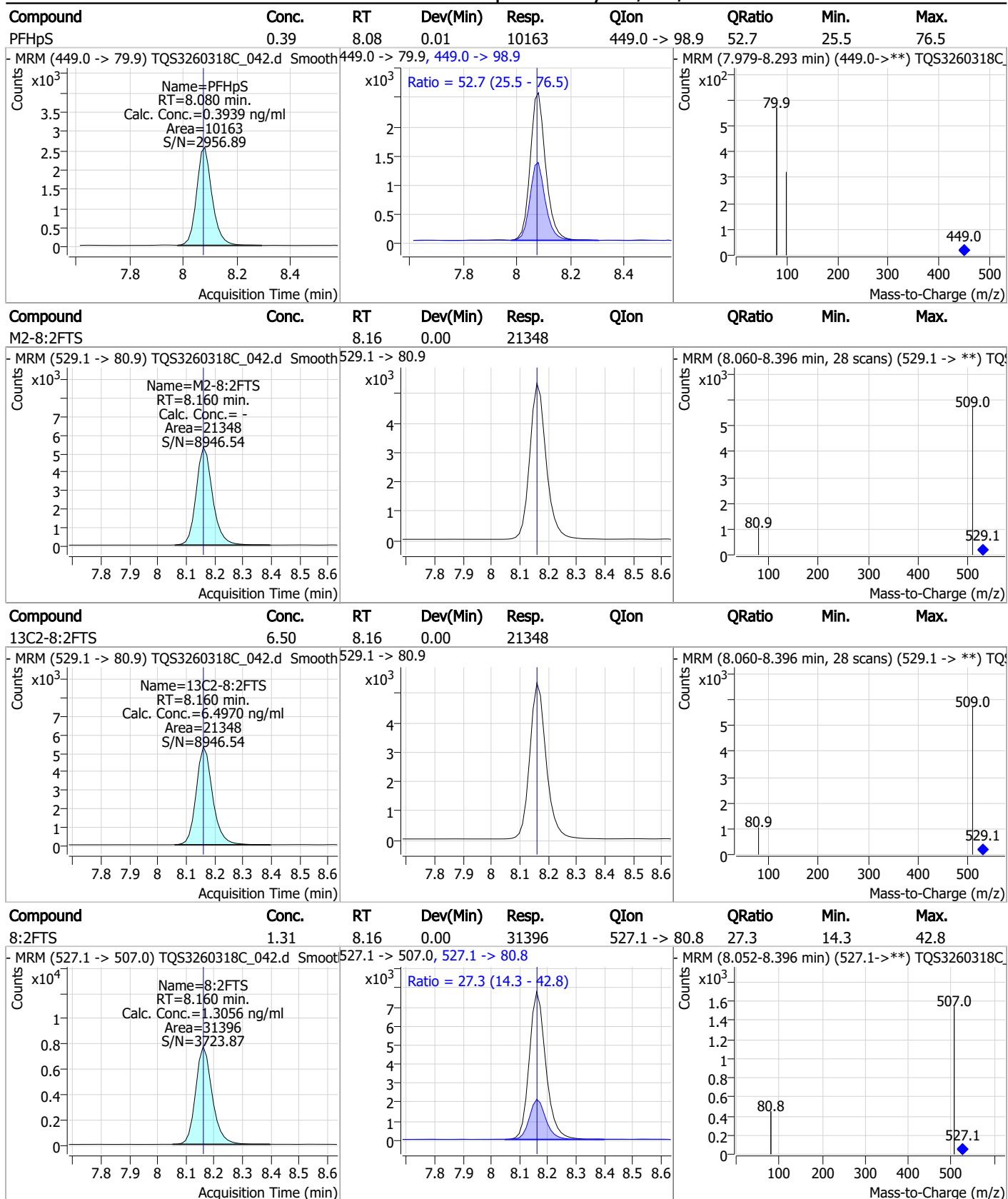




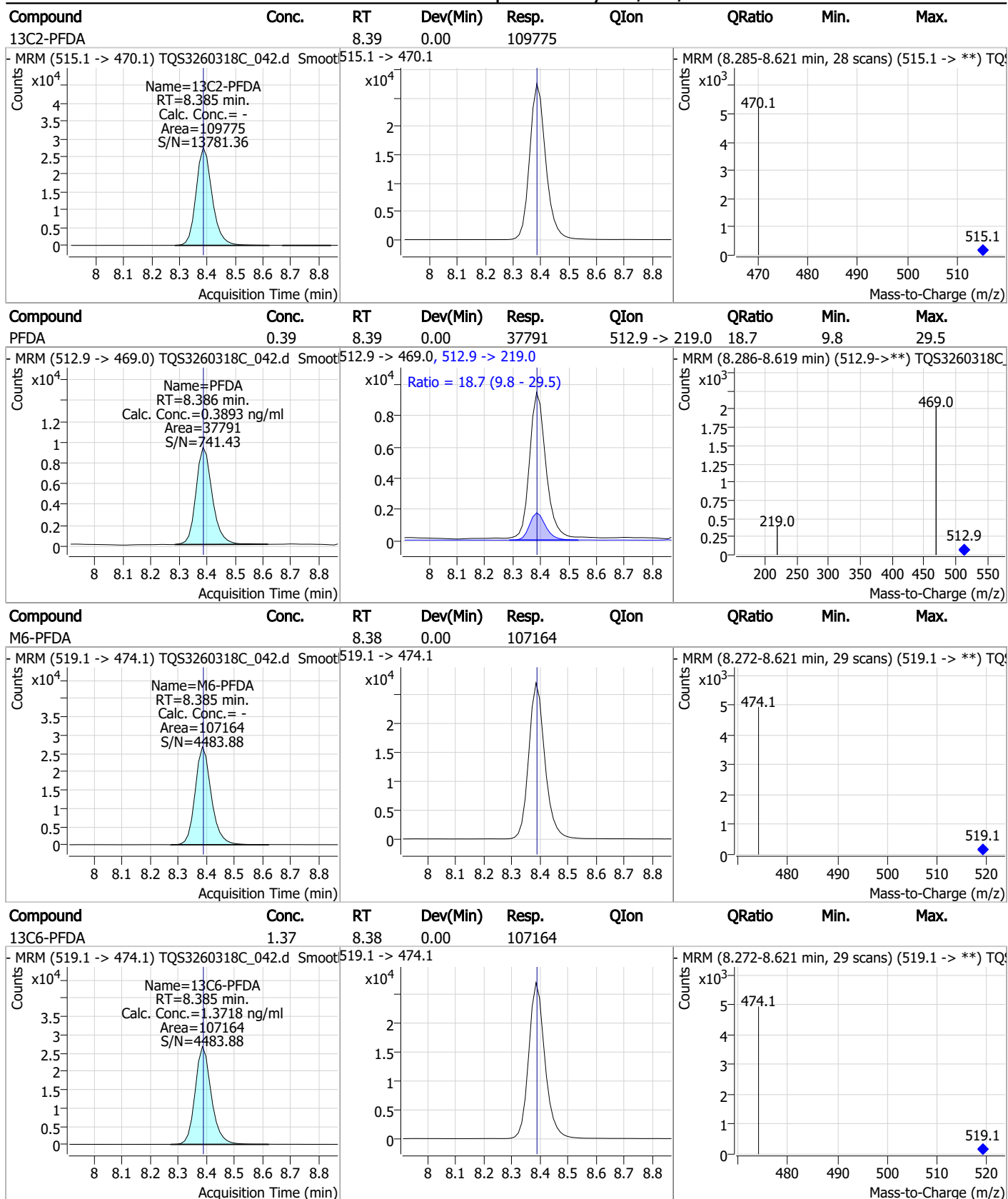


Perfluorinated Compounds by LC/MS/MS

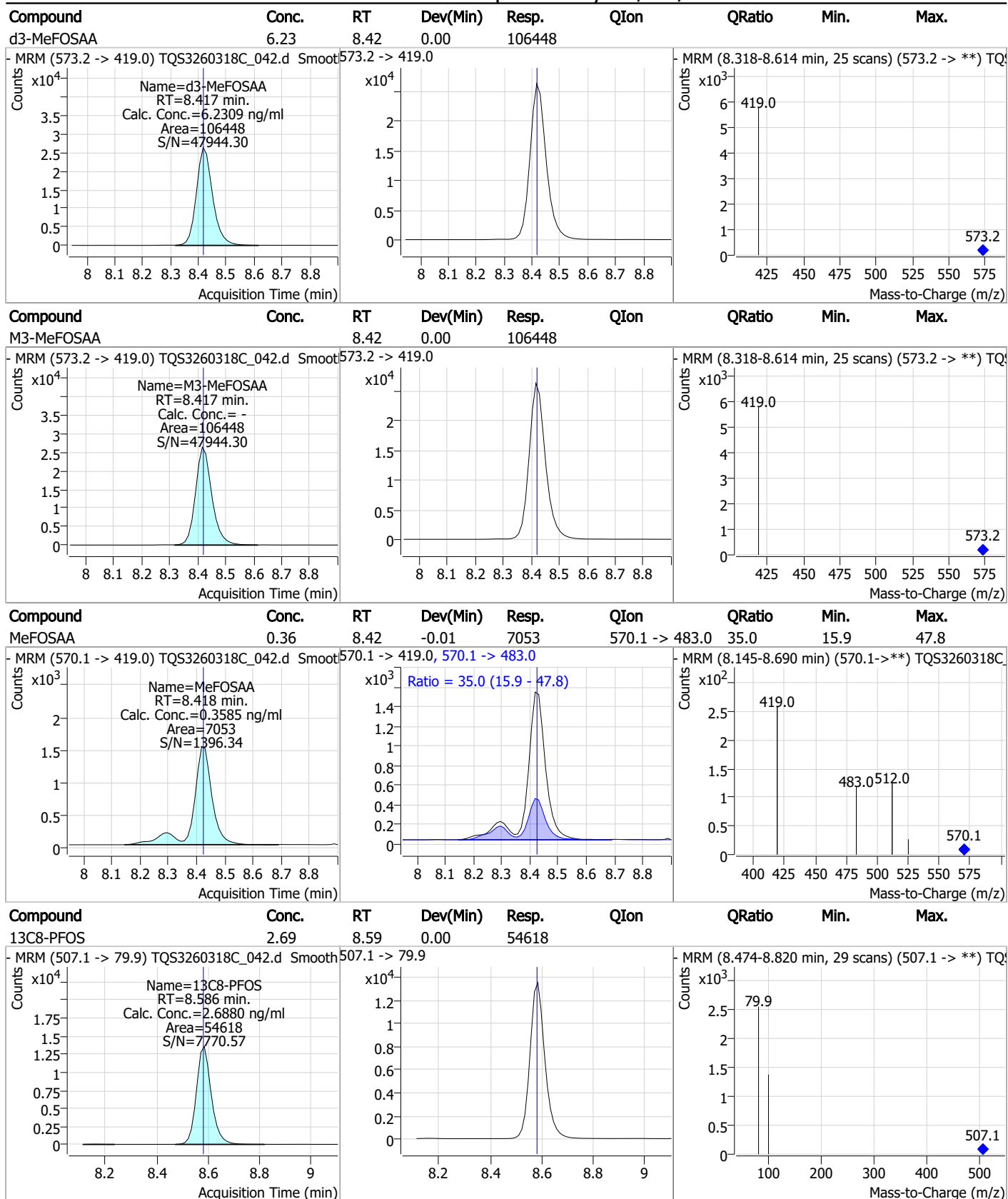




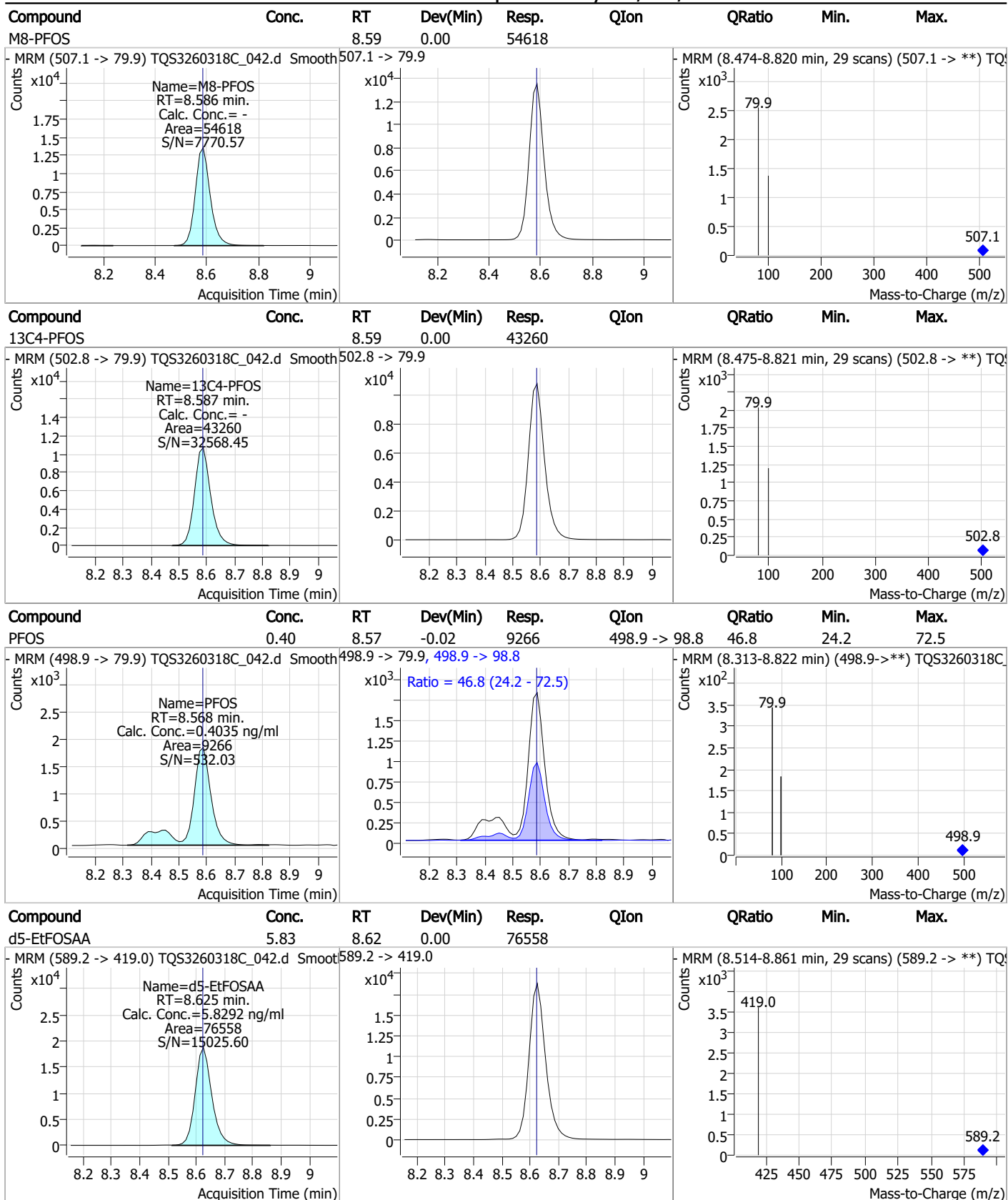
Perfluorinated Compounds by LC/MS/MS



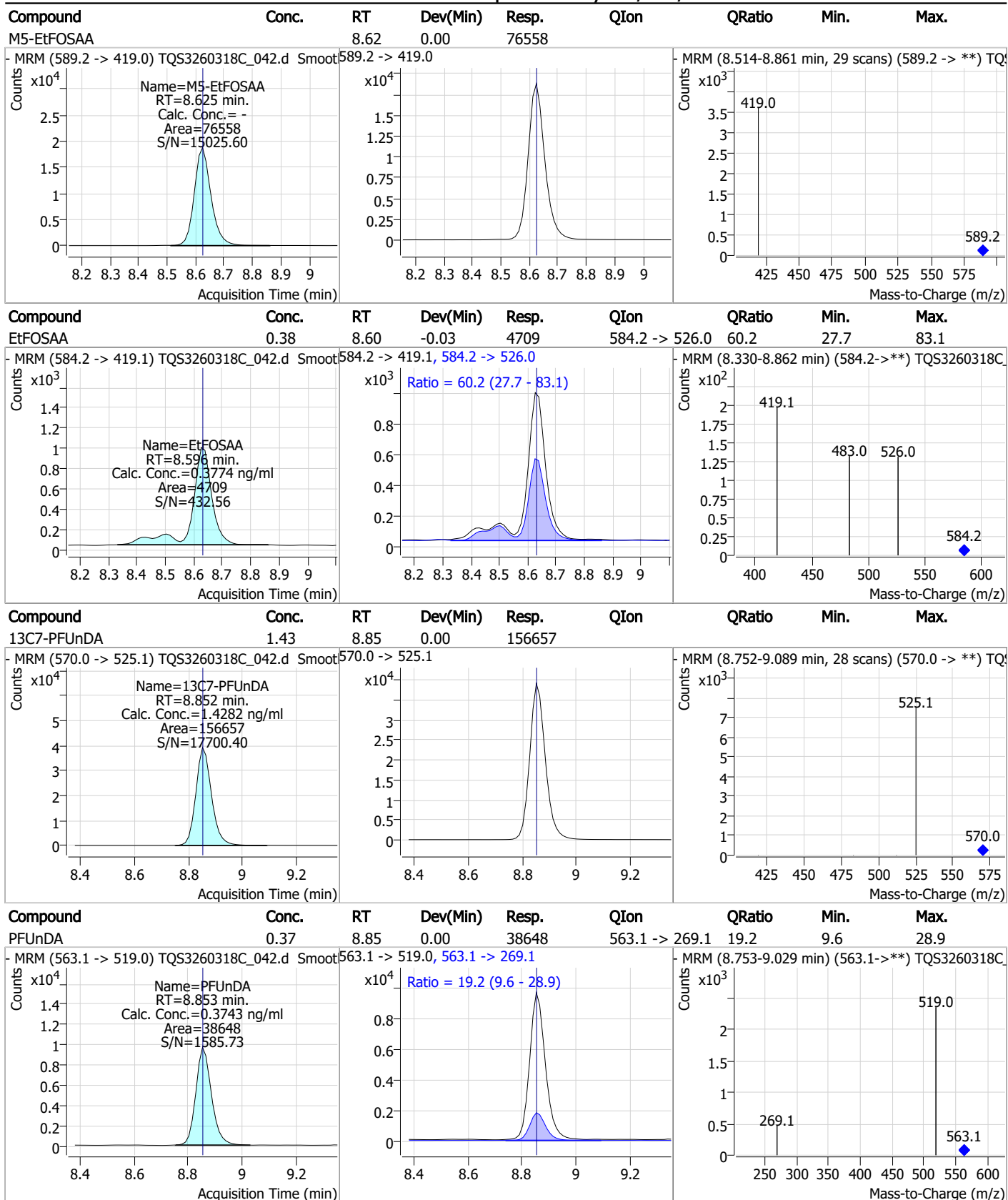
Perfluorinated Compounds by LC/MS/MS



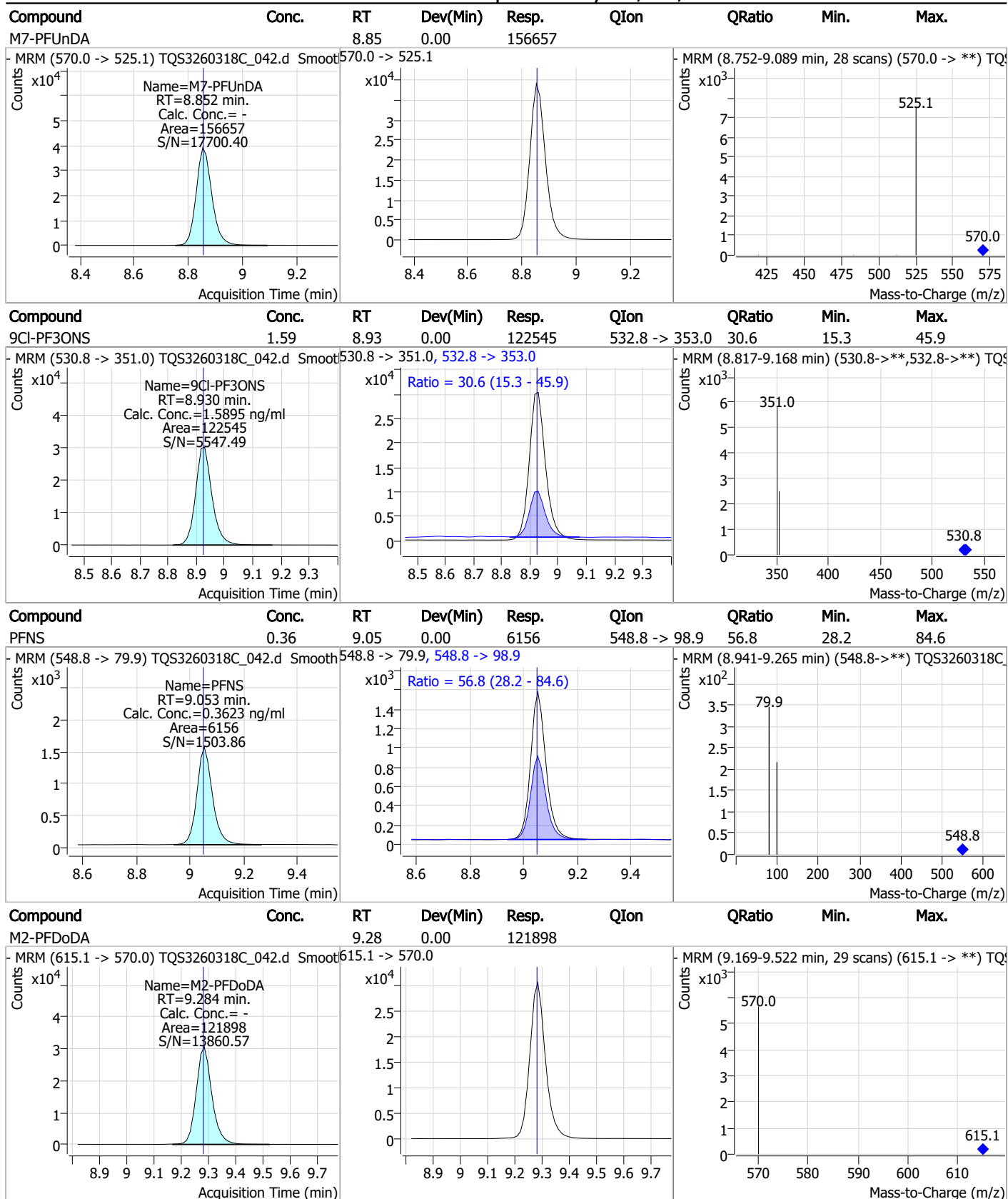
Perfluorinated Compounds by LC/MS/MS



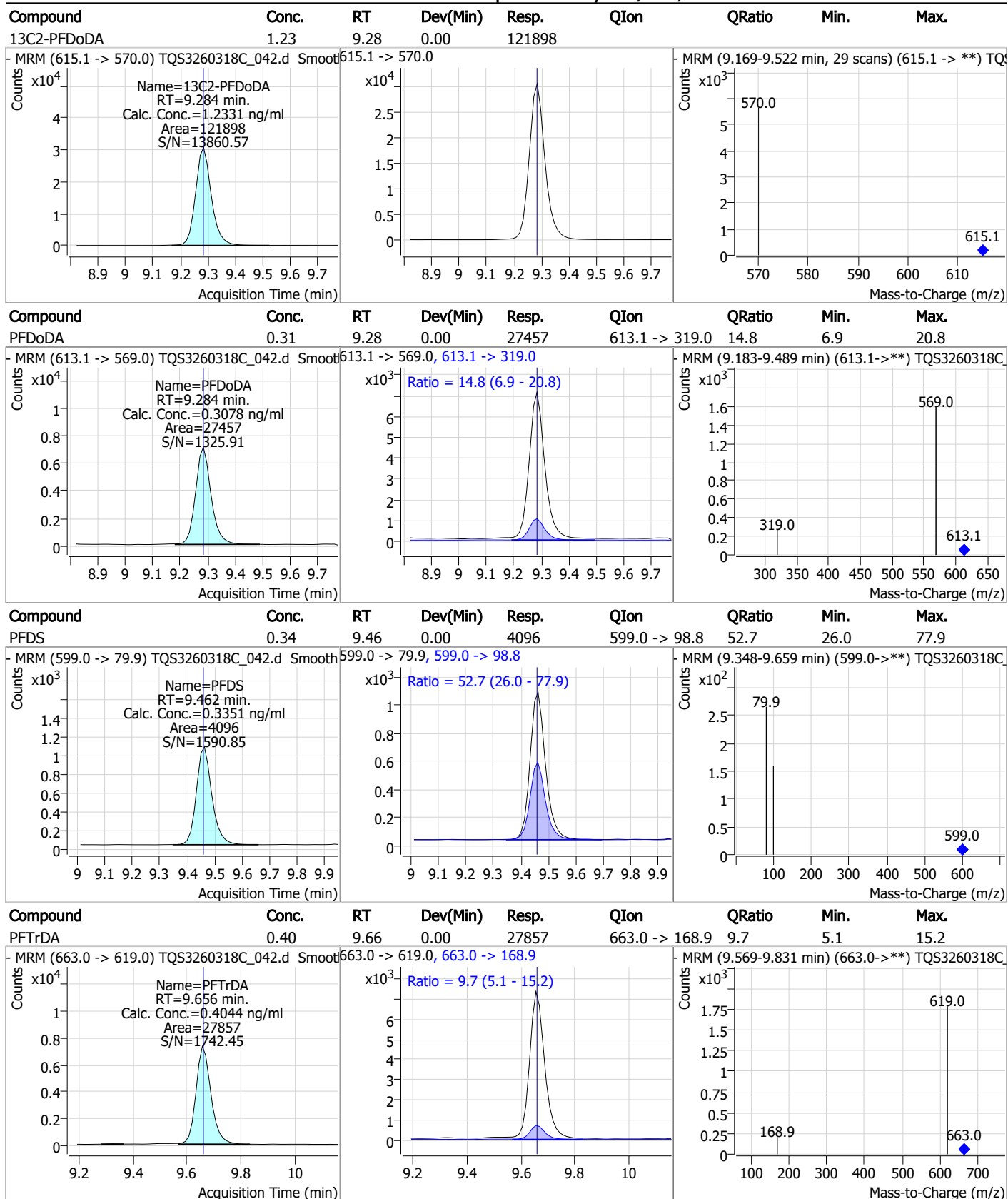
Perfluorinated Compounds by LC/MS/MS



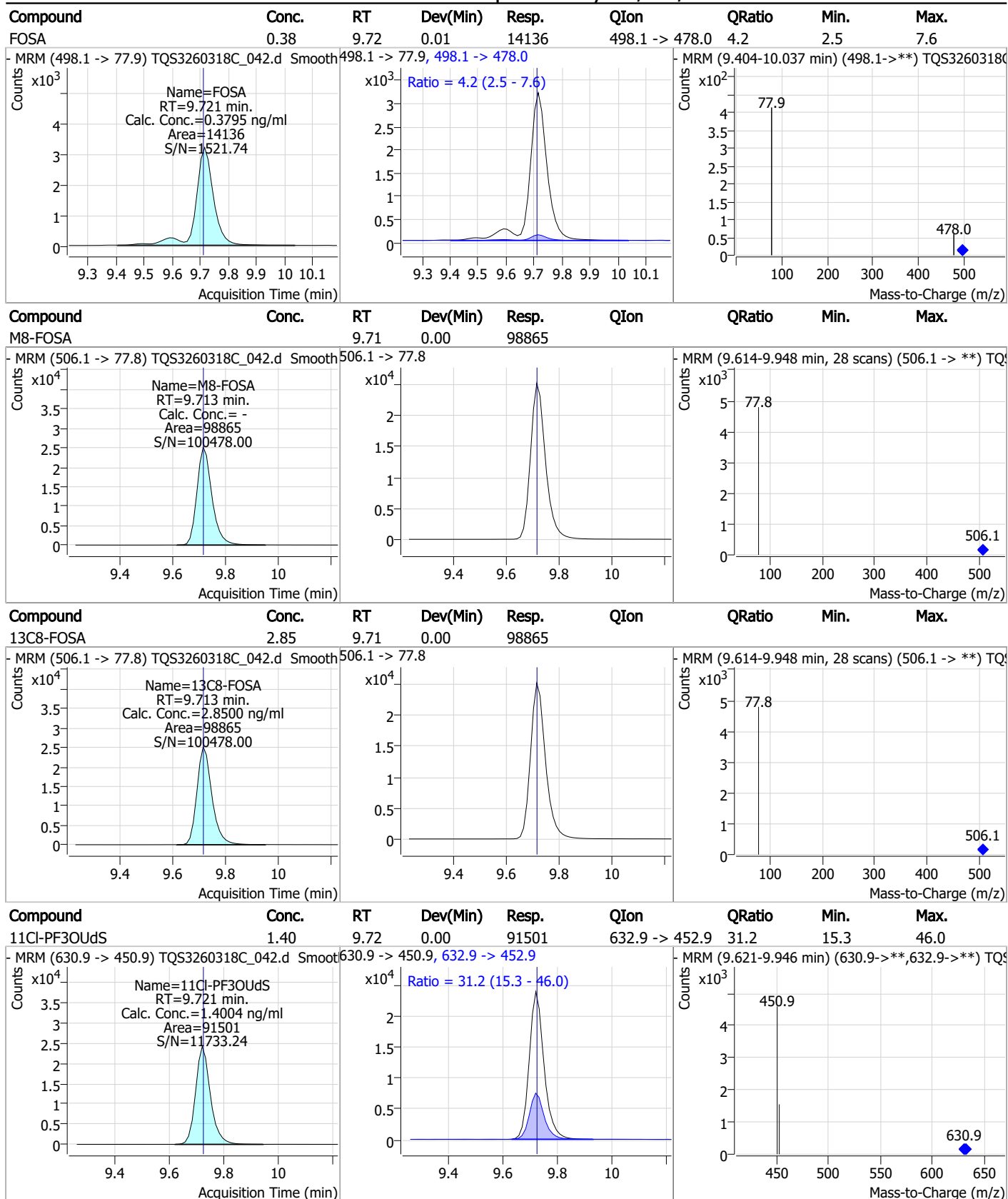
Perfluorinated Compounds by LC/MS/MS



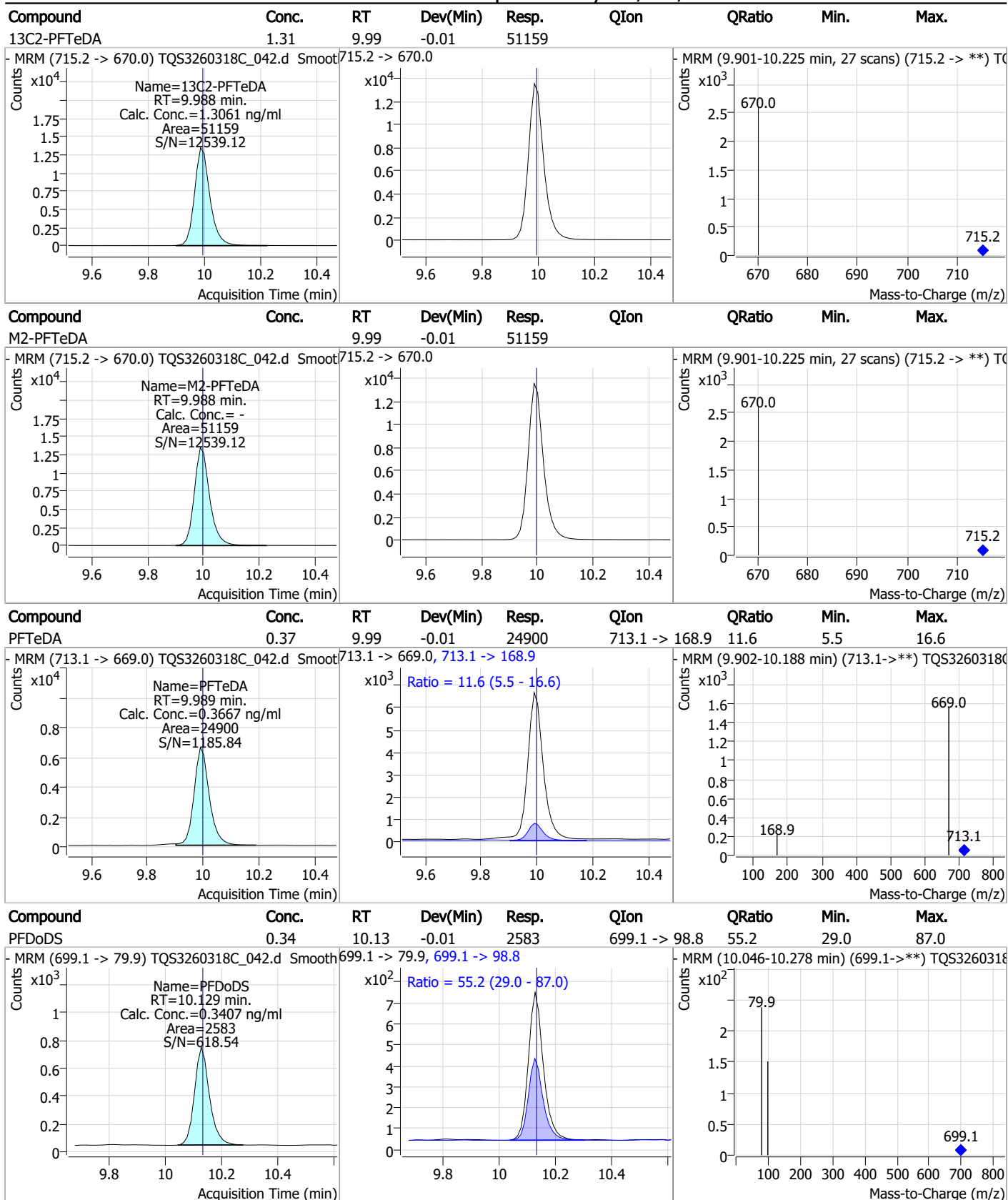
Perfluorinated Compounds by LC/MS/MS



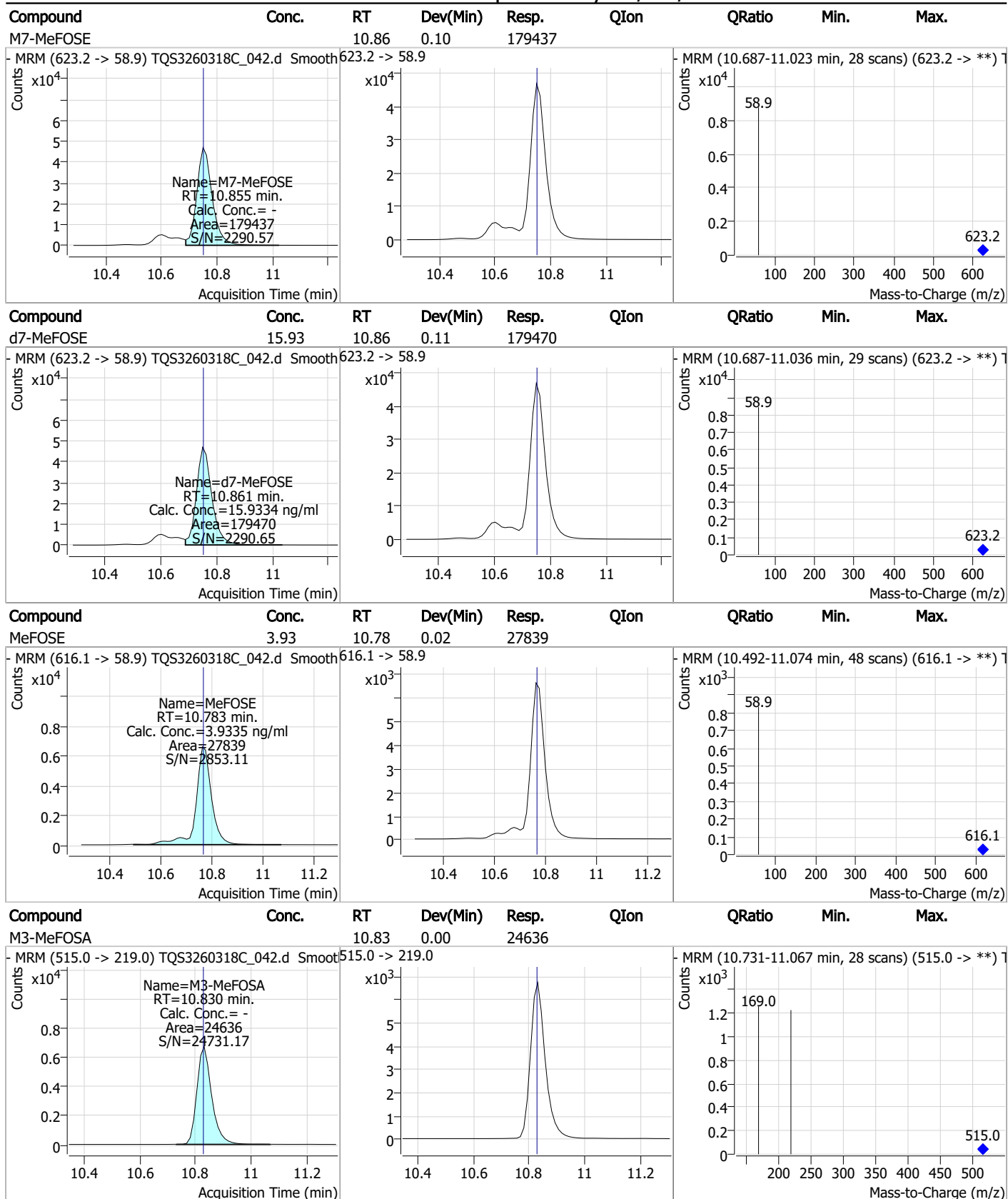
Perfluorinated Compounds by LC/MS/MS



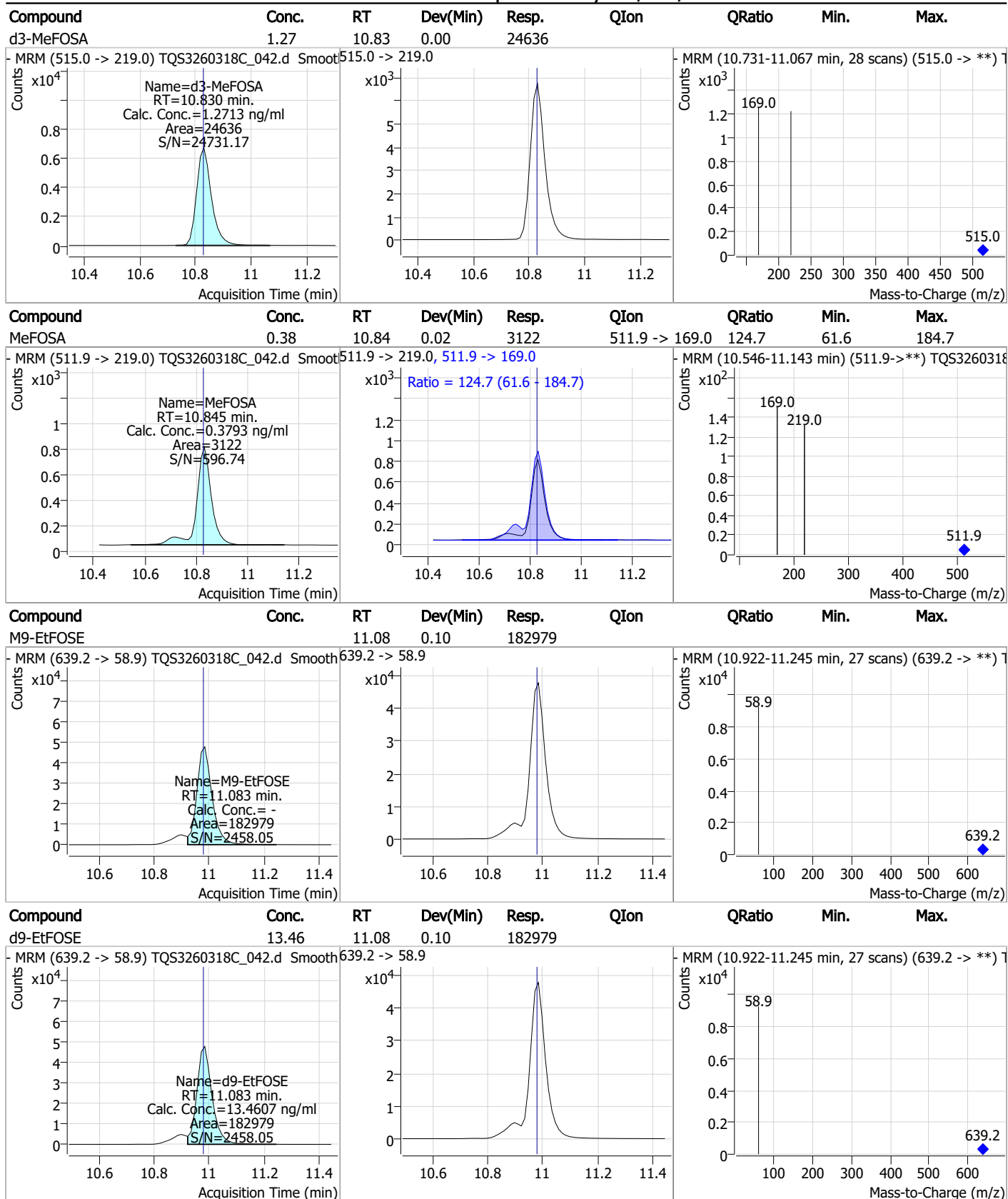
Perfluorinated Compounds by LC/MS/MS

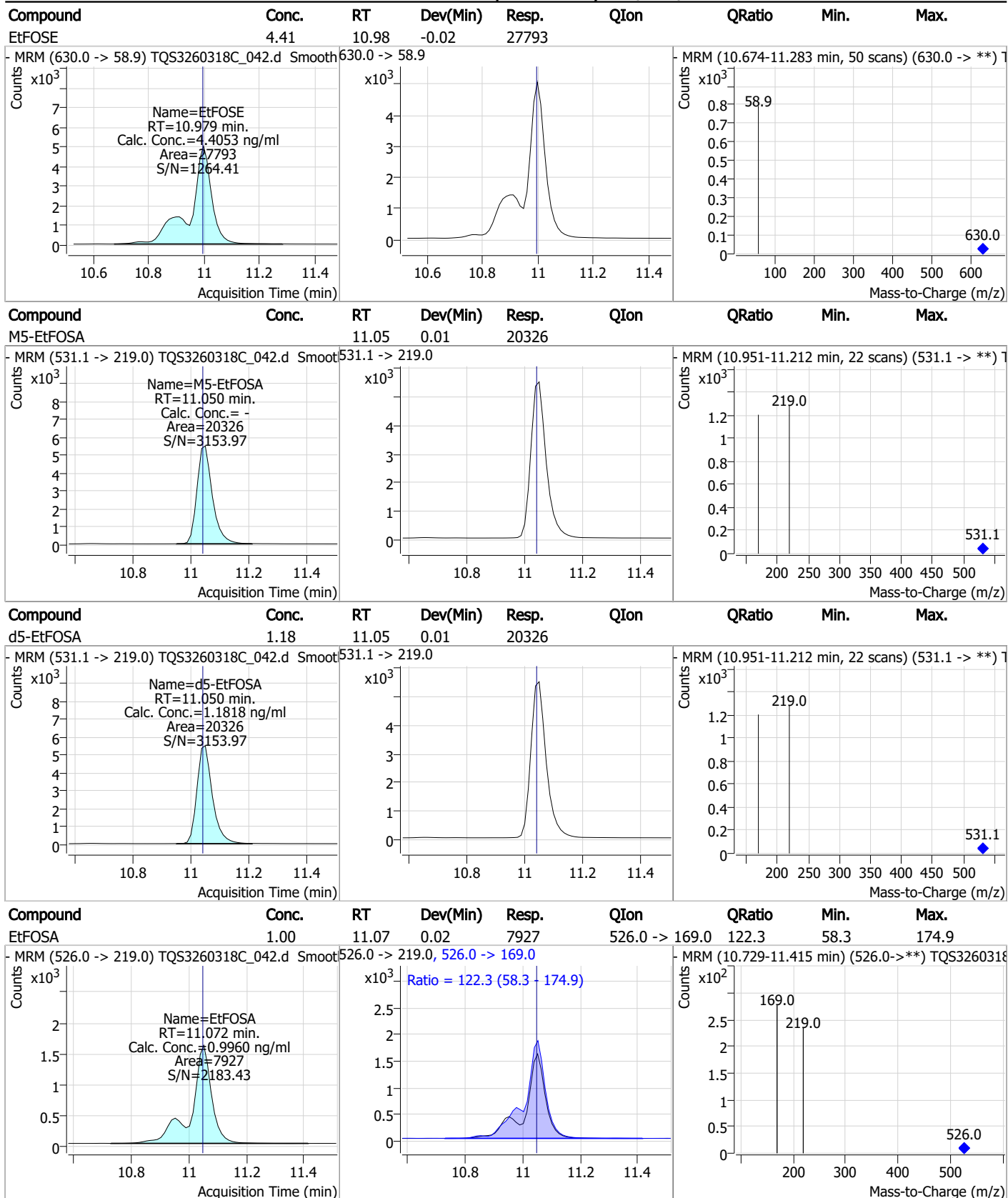


Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS





Data File : TQS3260318C_043.d
 Operator :
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 4:14:08 AM
 Sample Name : 307287
 Vial : P3-C3
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3914_1633.batch.bin
 Sample Information : LCS2

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Internal Standards					
13C2-PFDA	8.385	515.1 -> 470.1	110855	1.25 ng/ml	0.000
13C2-PFHxA	5.857	315.1 -> 270.0	221944	2.50 ng/ml	-0.004
13C3-PFBA	3.190	216.0 -> 172.0	347332	5.00 ng/ml	0.016
13C4-PFOA	7.369	417.1 -> 372.0	368413	2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	42516	2.50 ng/ml	0.002
13C5-PFNA	7.887	468.0 -> 423.0	145701	1.25 ng/ml	-0.007
18O2-PFHxS	7.522	403.0 -> 83.9	33978	2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	12017	5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	20594	5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	22468	5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	108061	1.25 ng/ml	0.003
M2-PFTeDA	9.988	715.2 -> 670.0	47500	1.25 ng/ml	-0.009
M3-HFPO-DA	6.223	286.9 -> 168.9	282323	10.00 ng/ml	-0.012
M3-MeFOSA	10.830	515.0 -> 219.0	25277	2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	106251	5.00 ng/ml	-0.004
M3-PFBS	5.848	302.1 -> 79.9	83034	2.50 ng/ml	-0.002
M3-PFHxS	7.511	402.1 -> 79.9	63534	2.50 ng/ml	-0.010
M4-PFBA	3.186	216.8 -> 171.9	918132	10.00 ng/ml	0.012
M4-PFHpA	6.751	367.1 -> 322.0	243096	2.50 ng/ml	0.002
M5-EtFOSA	11.050	531.1 -> 219.0	20959	2.50 ng/ml	0.009
M5-EtFOSAA	8.625	589.2 -> 419.0	80351	5.00 ng/ml	-0.001
M5-PFHxA	5.856	318.0 -> 273.0	285174	2.50 ng/ml	-0.006
M5-PFPeA	4.649	268.3 -> 223.0	402814	5.00 ng/ml	0.008
M6-PFDA	8.385	519.1 -> 474.1	110990	1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	197351	25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	148493	1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	97572	2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	378265	2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	53161	2.50 ng/ml	0.002
M9-EtFOSE	11.083	639.2 -> 58.9	200168	25.00 ng/ml	0.105
M9-PFNA	7.887	472.1 -> 427.0	156292	1.25 ng/ml	-0.007

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	12017	6.52 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 130.4%	
13C2-6:2FTS	7.130	429.1 -> 80.9	20594	7.16 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 143.1%	
13C2-8:2FTS	8.160	529.1 -> 80.9	22468	7.17 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 143.5%	
13C2-PFDoDA	9.284	615.1 -> 570.0	108061	1.08 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 86.6%	
13C2-PFTeDA	9.988	715.2 -> 670.0	47500	1.20 ng/ml	-0.008
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 96.1%	
13C3-HFPO-DA	6.223	286.9 -> 168.9	282323	10.22 ng/ml	-0.012
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 102.2%	
d3-MeFOSA	10.830	515.0 -> 219.0	25277	1.33 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 53.1%	
d3-MeFOSAA	8.417	573.2 -> 419.0	106251		6.33 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 126.6%	
13C3-PFBs	5.848	302.1 -> 79.9	83034		2.77 ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 110.7%	
13C3-PFHxS	7.511	402.1 -> 79.9	63534		2.82 ng/ml	-0.007
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 112.8%	
13C4-PFBA	3.185	216.8 -> 171.9	922565		11.25 ng/ml	0.013
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 112.5%	
13C4-PFHpA	6.751	367.1 -> 322.0	243096		2.73 ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 109.3%	
d5-EtFOSA	11.050	531.1 -> 219.0	20959		1.24 ng/ml	0.009
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 49.6%	
d5-EtFOSAA	8.625	589.2 -> 419.0	80351		6.23 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 124.5%	
13C5-PFHxA	5.856	318.0 -> 273.0	285174		2.84 ng/ml	-0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 113.5%	
13C5-PFPeA	4.649	268.3 -> 223.0	402814		5.58 ng/ml	0.010
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 111.5%	
13C6-PFDA	8.385	519.1 -> 474.1	110990		1.41 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 112.6%	
d7-MeFOSE	10.861	623.2 -> 58.9	197430		17.83 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 71.3%	
13C7-PFUnDA	8.852	570.0 -> 525.1	148493		1.34 ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 107.2%	
13C8-FOSA	9.713	506.1 -> 77.8	97572		2.86 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 114.5%	
13C8-PFOA	7.369	421.1 -> 376.0	378265		2.77 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 110.9%	
13C8-PFOS	8.586	507.1 -> 79.9	53161		2.66 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 106.5%	
d9-EtFOSE	11.083	639.2 -> 58.9	200168		14.98 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 59.9%	
13C9-PFNA	7.887	472.1 -> 427.0	156292		1.36 ng/ml	-0.007
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 109.0%	

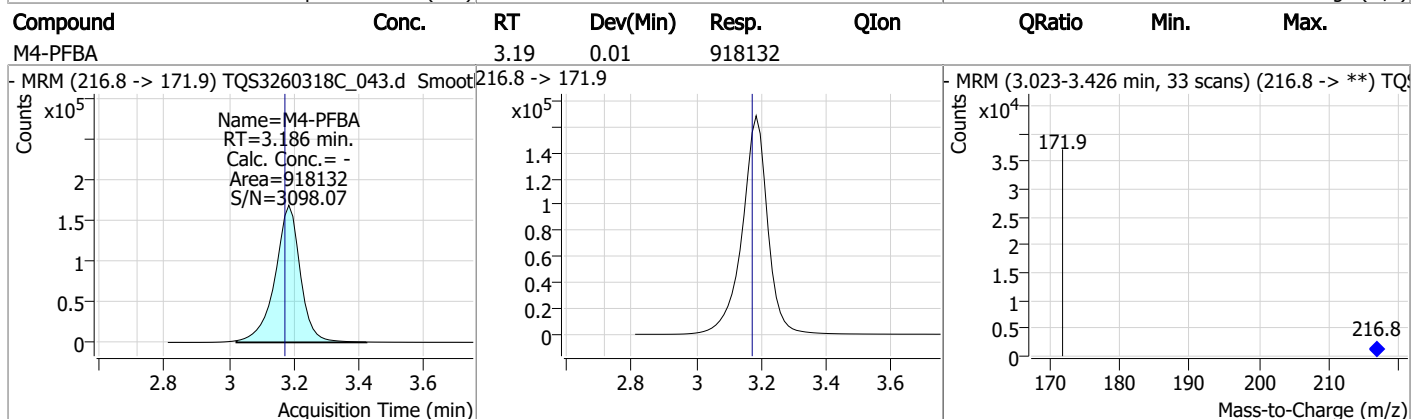
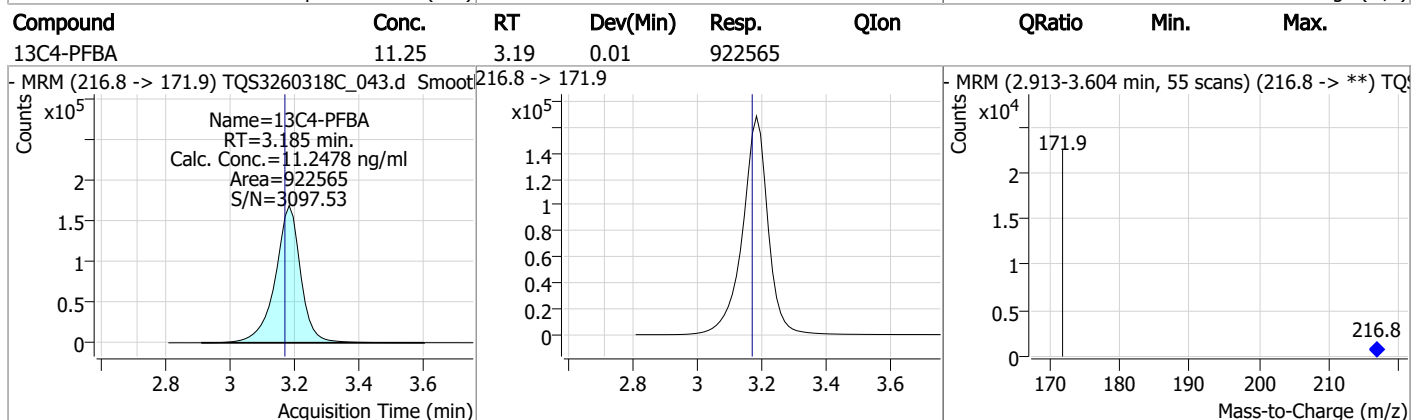
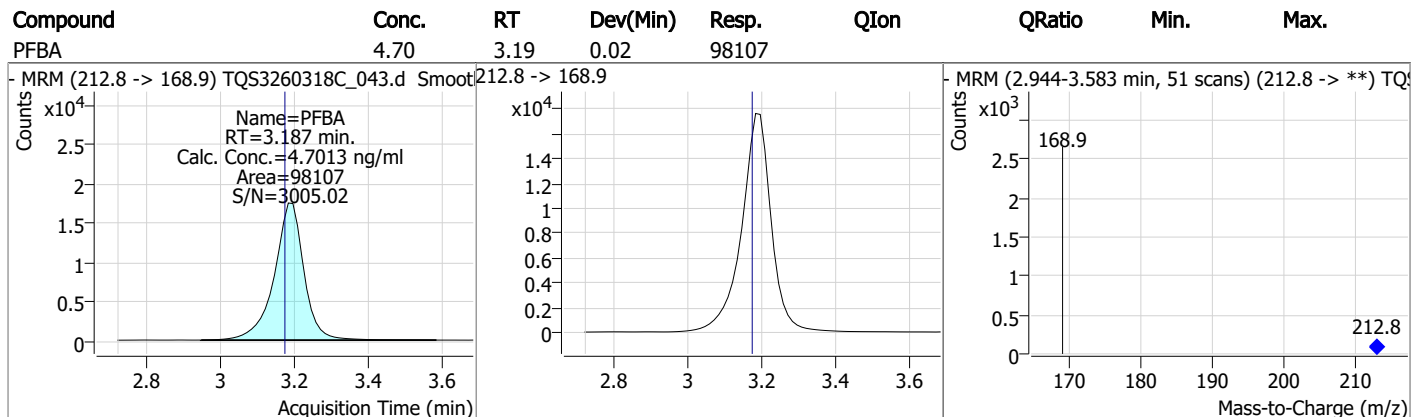
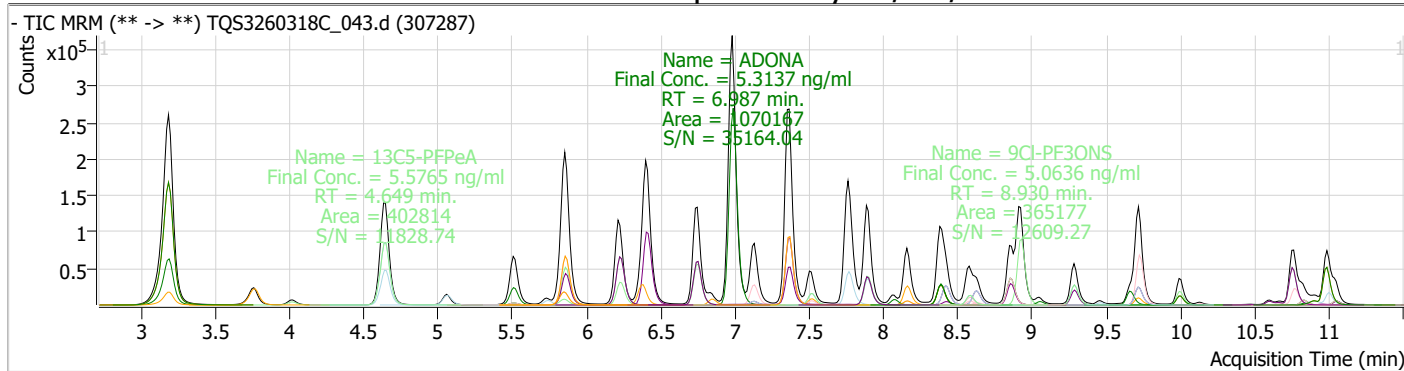
Target Compounds

						QValue
11CI-PF3OUdS	9.721	630.9 -> 450.9	258720		4.23 ng/ml	98
TDCA	-	498.9 -> 79.9	-	-	N.D.	
3:3 FTCA	4.022	241.0 -> 177.0	19401		5.00 ng/ml	99
4:2FTS	5.508	327.1 -> 307.0	101479		4.73 ng/ml	99
5:3 FTCA	6.402	341.0 -> 237.1	433165		30.98 ng/ml	98
6:2FTS	7.131	427.1 -> 407.0	112725		4.44 ng/ml	100
7:3 FTCA	7.766	441.0 -> 316.9	195406		31.78 ng/ml	98
8:2FTS	8.160	527.1 -> 507.0	103760		4.10 ng/ml	97
9CI-PF3ONS	8.930	530.8 -> 351.0	365177		5.06 ng/ml	100
ADONA	6.987	376.9 -> 250.9	1070167		5.31 ng/ml	100
EtFOSA	11.072	526.0 -> 219.0	25641		3.12 ng/ml	98
EtFOSAA	8.596	584.2 -> 419.1	15398		1.18 ng/ml	99
EtFOSE	10.979	630.0 -> 58.9	95452		13.83 ng/ml	100
FOSA	9.721	498.1 -> 77.9	42939		1.17 ng/ml	99
HFPO-DA	6.224	284.9 -> 168.9	131876		5.11 ng/ml	100
MeFOSA	10.845	511.9 -> 219.0	9738		1.15 ng/ml	100
MeFOSAA	8.418	570.1 -> 419.0	22036		1.12 ng/ml	100
MeFOSE	10.783	616.1 -> 58.9	94814		12.18 ng/ml	100
NFDHA	5.740	295.0 -> 201.0	26426		2.41 ng/ml	100
PFBA	3.187	212.8 -> 168.9	98107		4.70 ng/ml	100

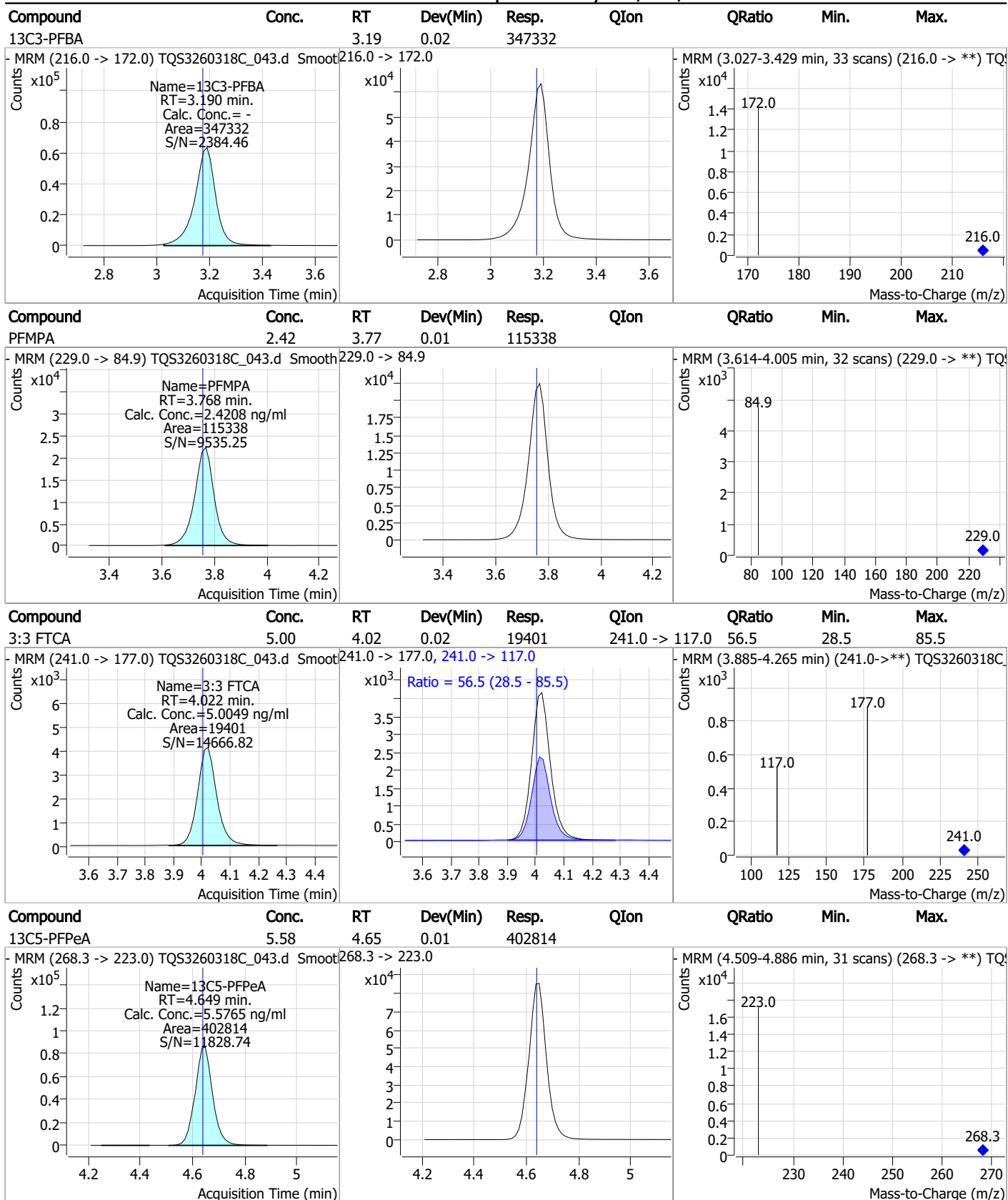
Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	36561	1.21 ng/ml	100
PFDA	8.386	512.9 -> 469.0	115367	1.15 ng/ml	99
PFDoDA	9.284	613.1 -> 569.0	79784	1.01 ng/ml	99
PFDoDS	10.129	699.1 -> 79.9	6453	0.87 ng/ml	99
PFDS	9.462	599.0 -> 79.9	11627	0.98 ng/ml	99
PFEESA	6.381	314.8 -> 134.9	122192	1.10 ng/ml	99
PFHpA	6.751	363.1 -> 319.0	227241	1.22 ng/ml	99
PFHpS	8.068	449.0 -> 79.9	29941	1.19 ng/ml	99
PFHxA	5.859	313.0 -> 269.0	184202	1.14 ng/ml	100
PFHxS	7.504	398.7 -> 79.9	26590	1.31 ng/ml	96
PFMBA	5.065	279.0 -> 85.1	60483	1.18 ng/ml	100
PFMPA	3.768	229.0 -> 84.9	115338	2.42 ng/ml	100
PFNA	7.888	463.0 -> 419.0	158325	1.19 ng/ml	98
PFNS	9.053	548.8 -> 79.9	18600	1.12 ng/ml	100
PFOA	7.371	413.0 -> 369.0	206503	1.17 ng/ml	100
PFOS	8.568	498.9 -> 79.9	26843	1.20 ng/ml	99
PFPeA	4.640	263.0 -> 219.0	222948	2.29 ng/ml	100
PFPeS	6.840	349.1 -> 79.9	32922	1.19 ng/ml	98
PFTeDA	9.989	713.1 -> 669.0	70754	1.12 ng/ml	100
PFTTrDA	9.656	663.0 -> 619.0	73891	1.21 ng/ml	99
PFUnDA	8.853	563.1 -> 519.0	117718	1.20 ng/ml	99

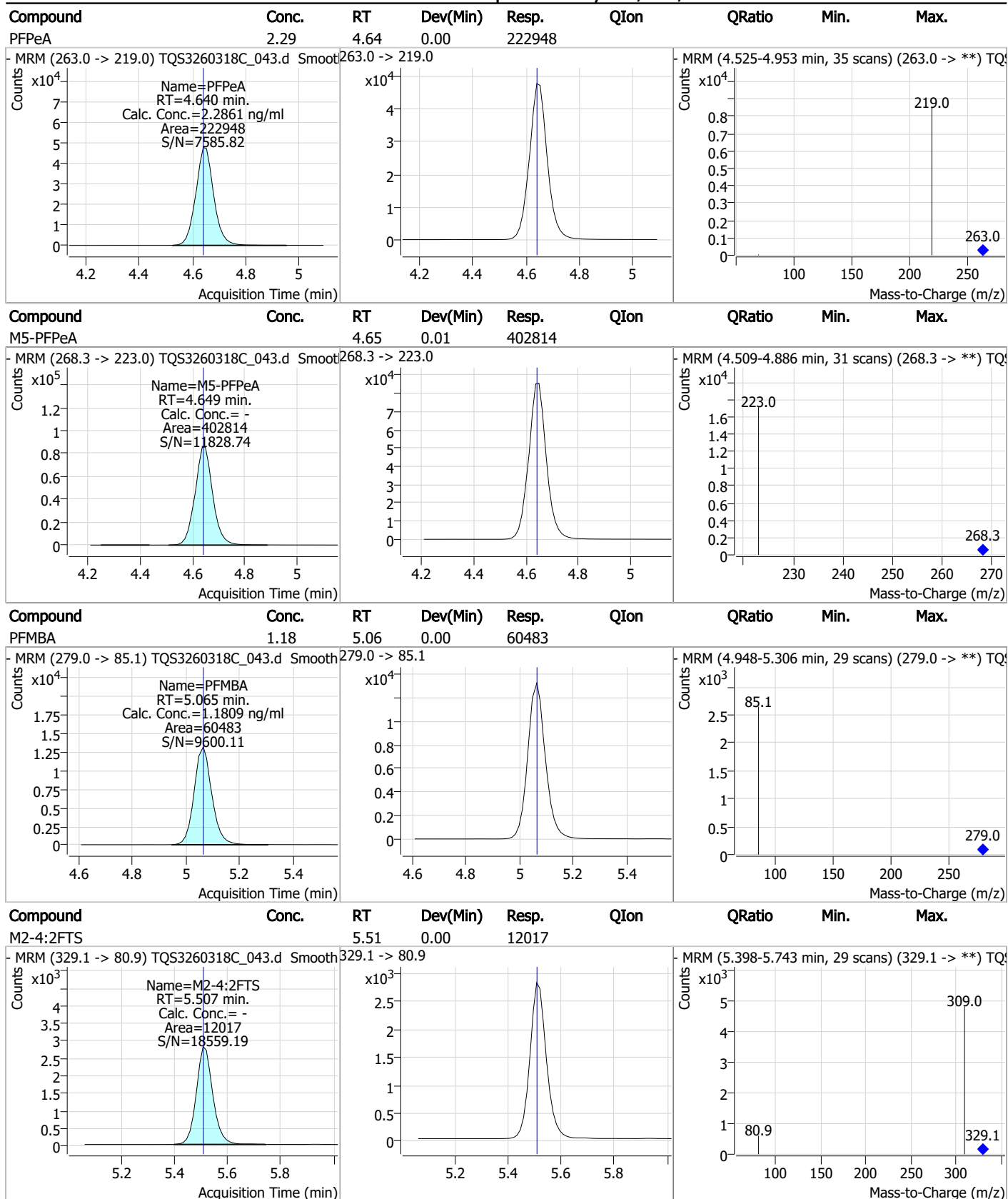
= Qualifier out of range, m = manually integrated, + = Area summed



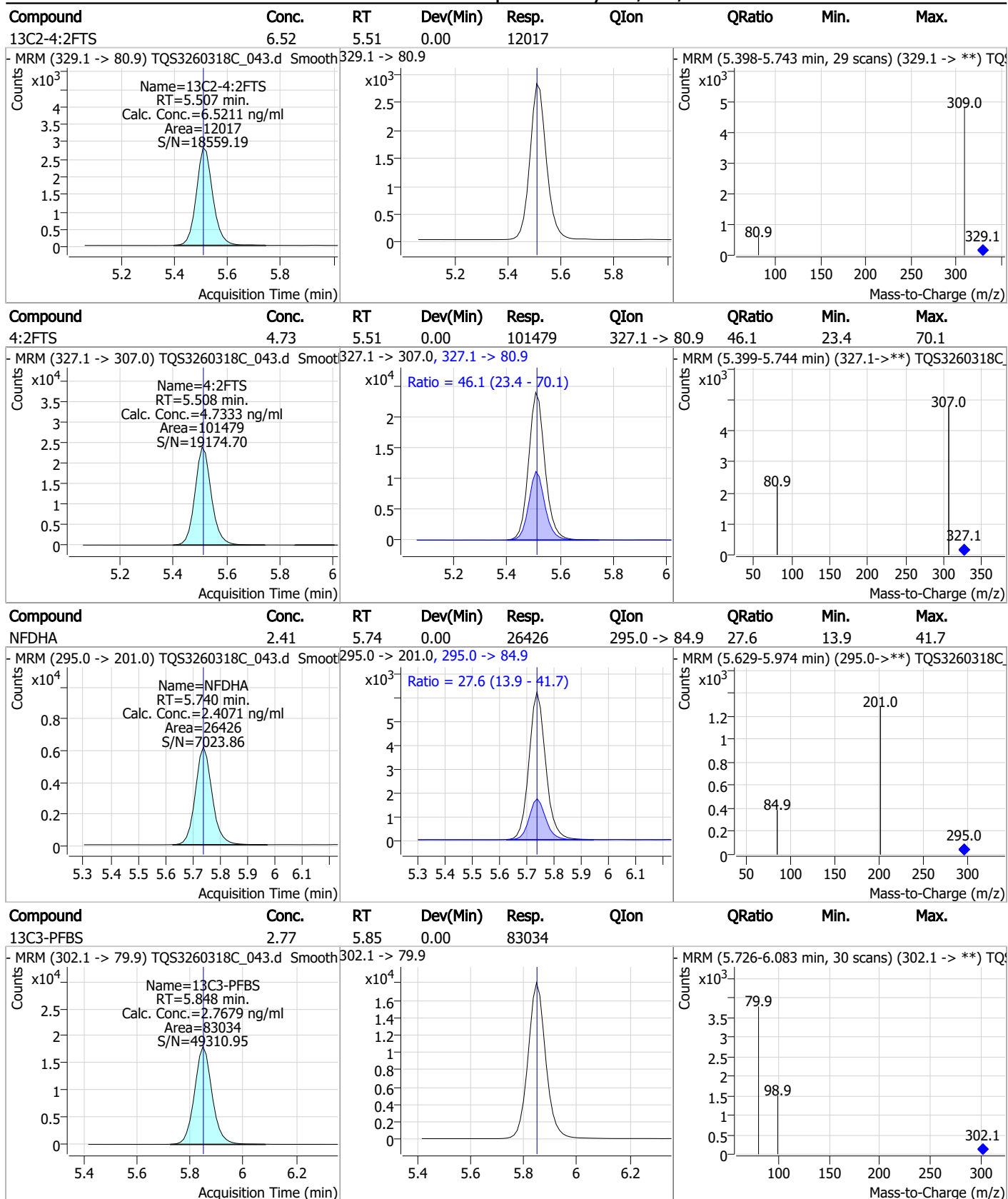
Perfluorinated Compounds by LC/MS/MS



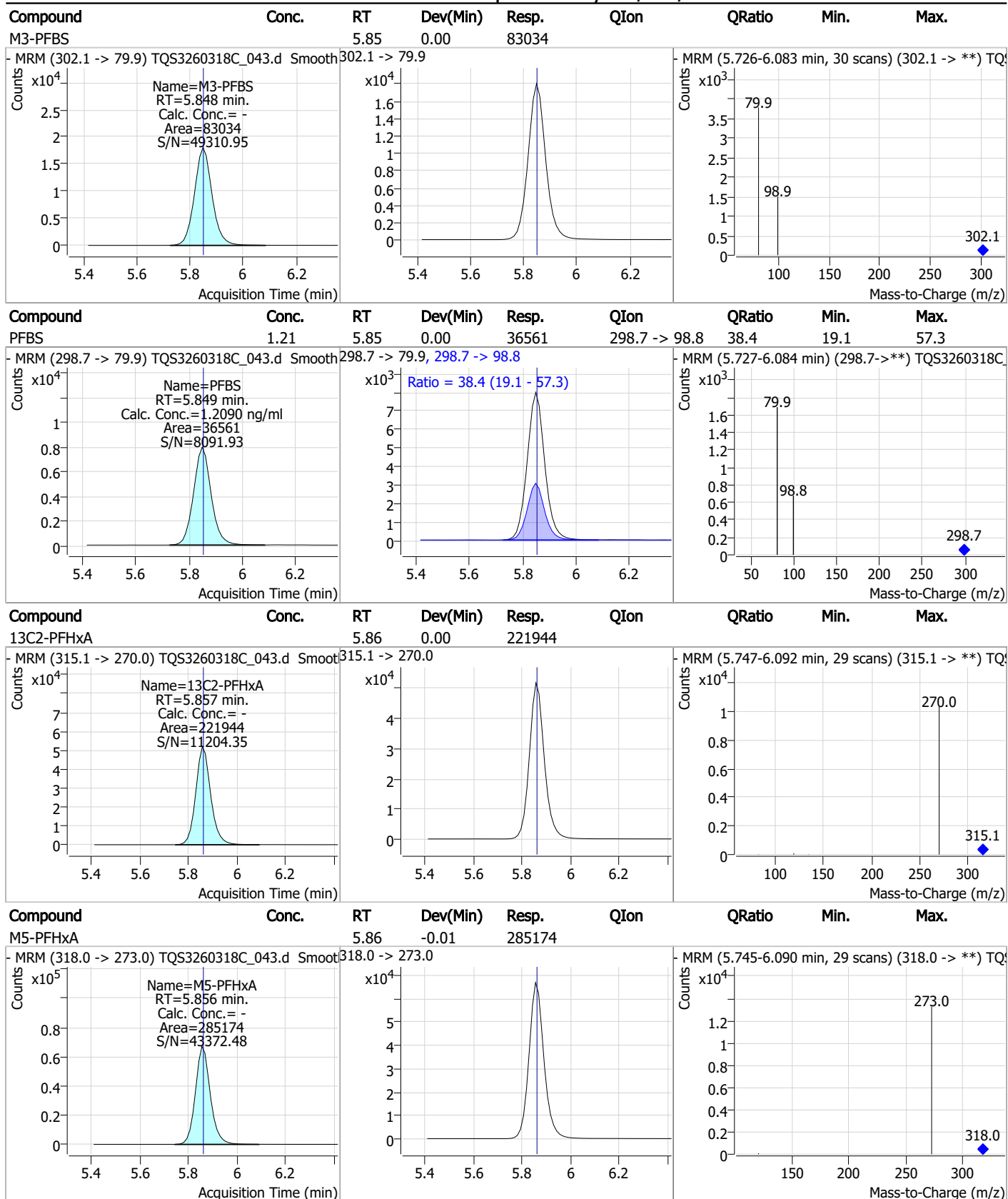
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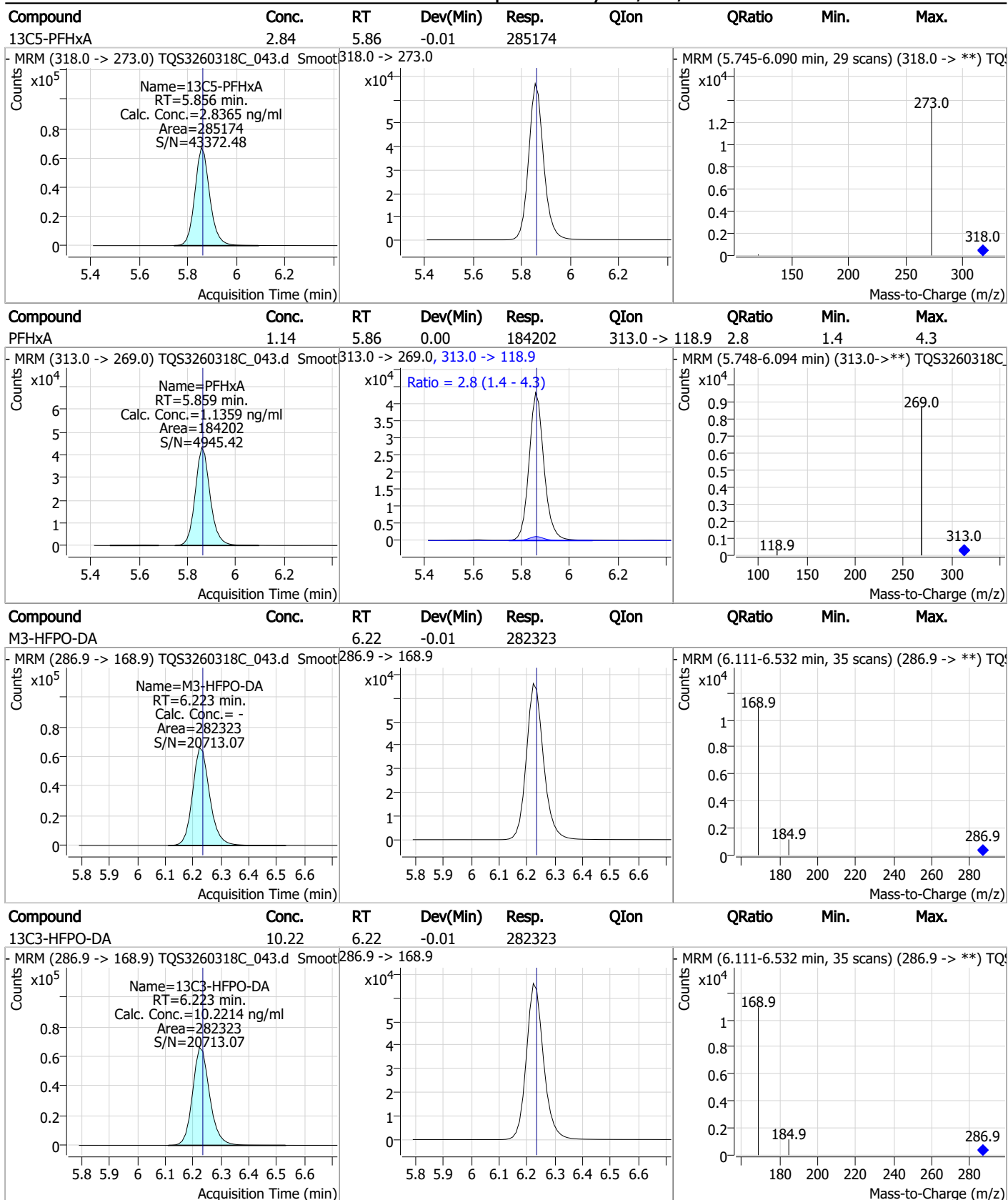
Perfluorinated Compounds by LC/MS/MS



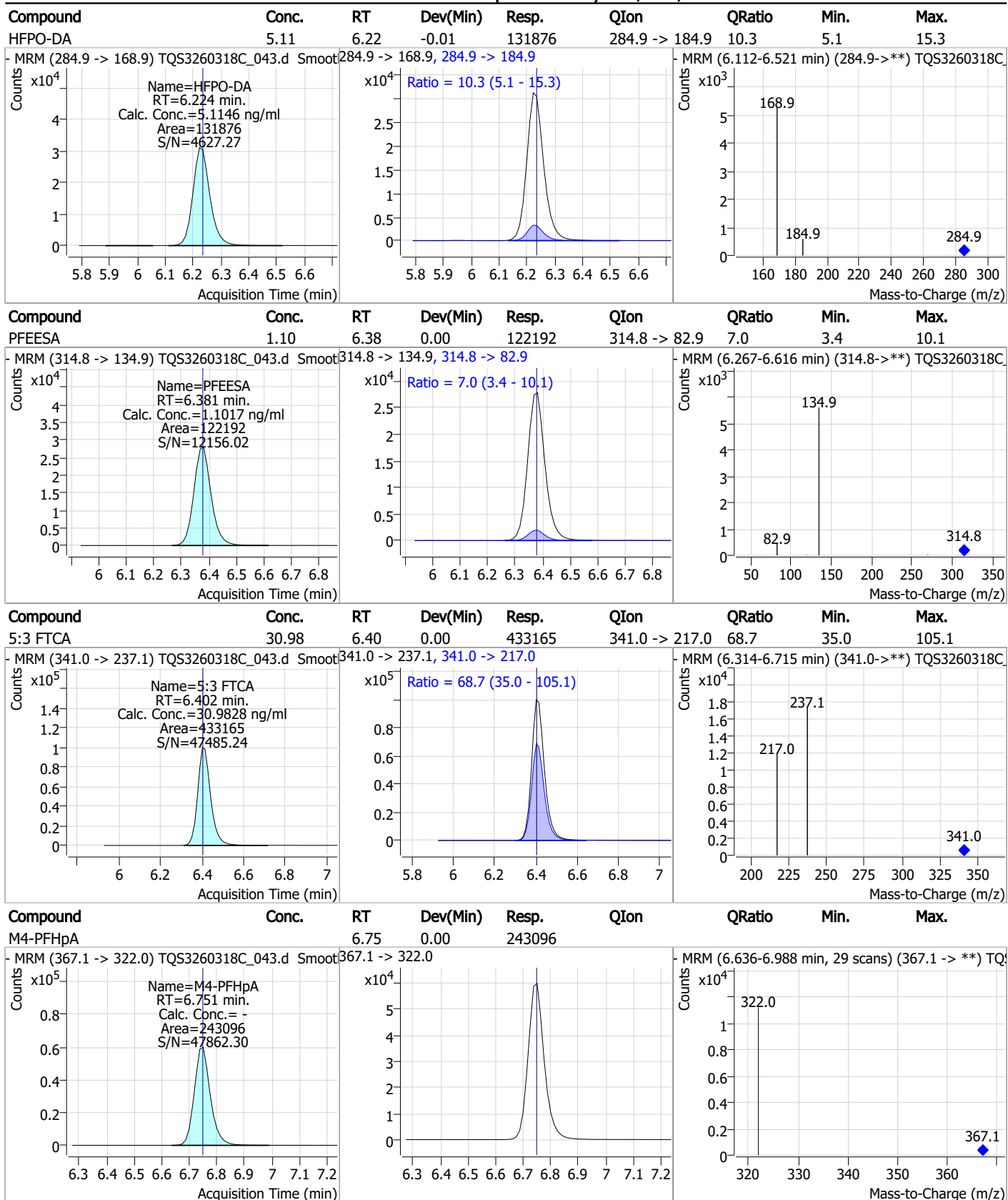
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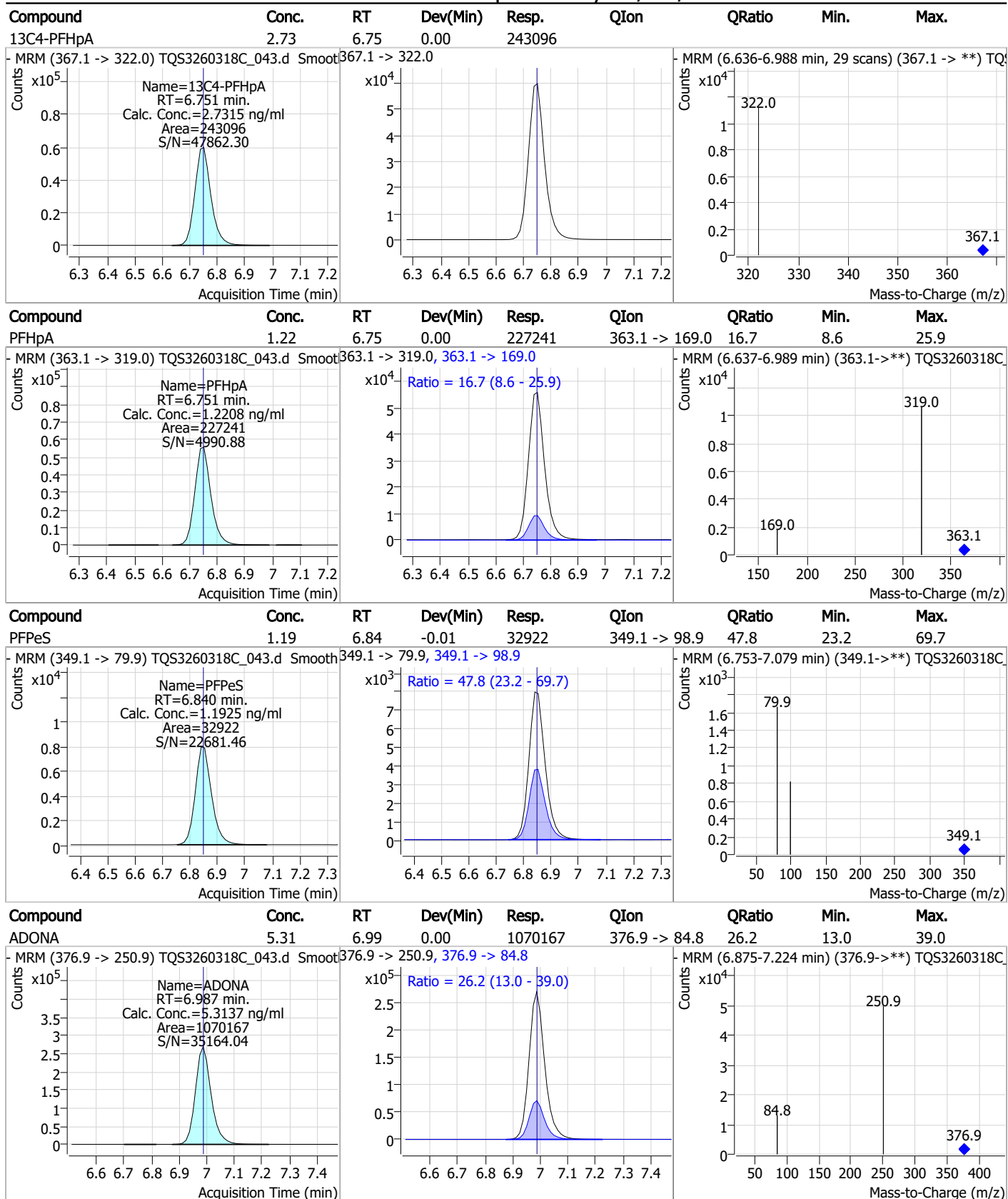
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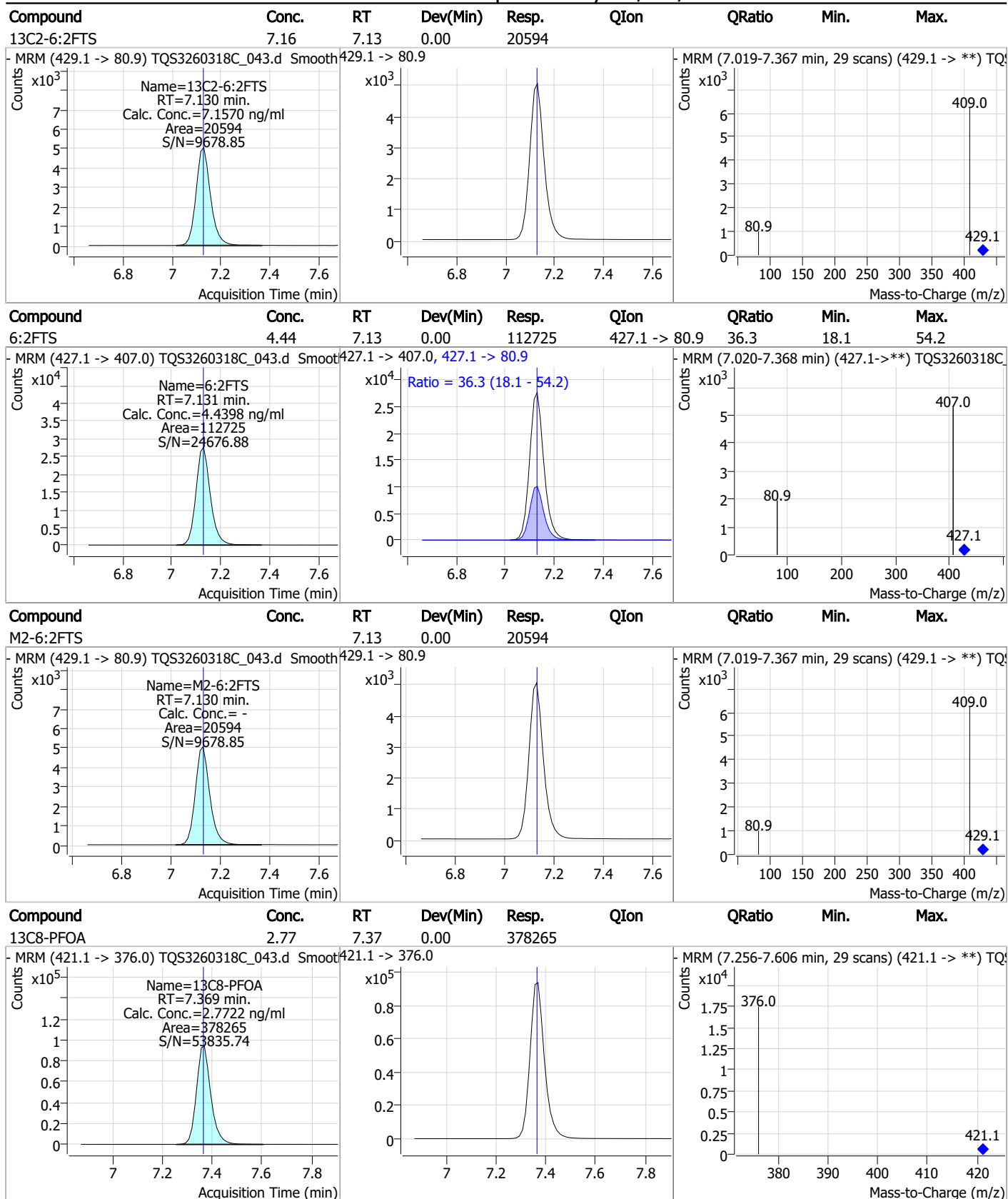
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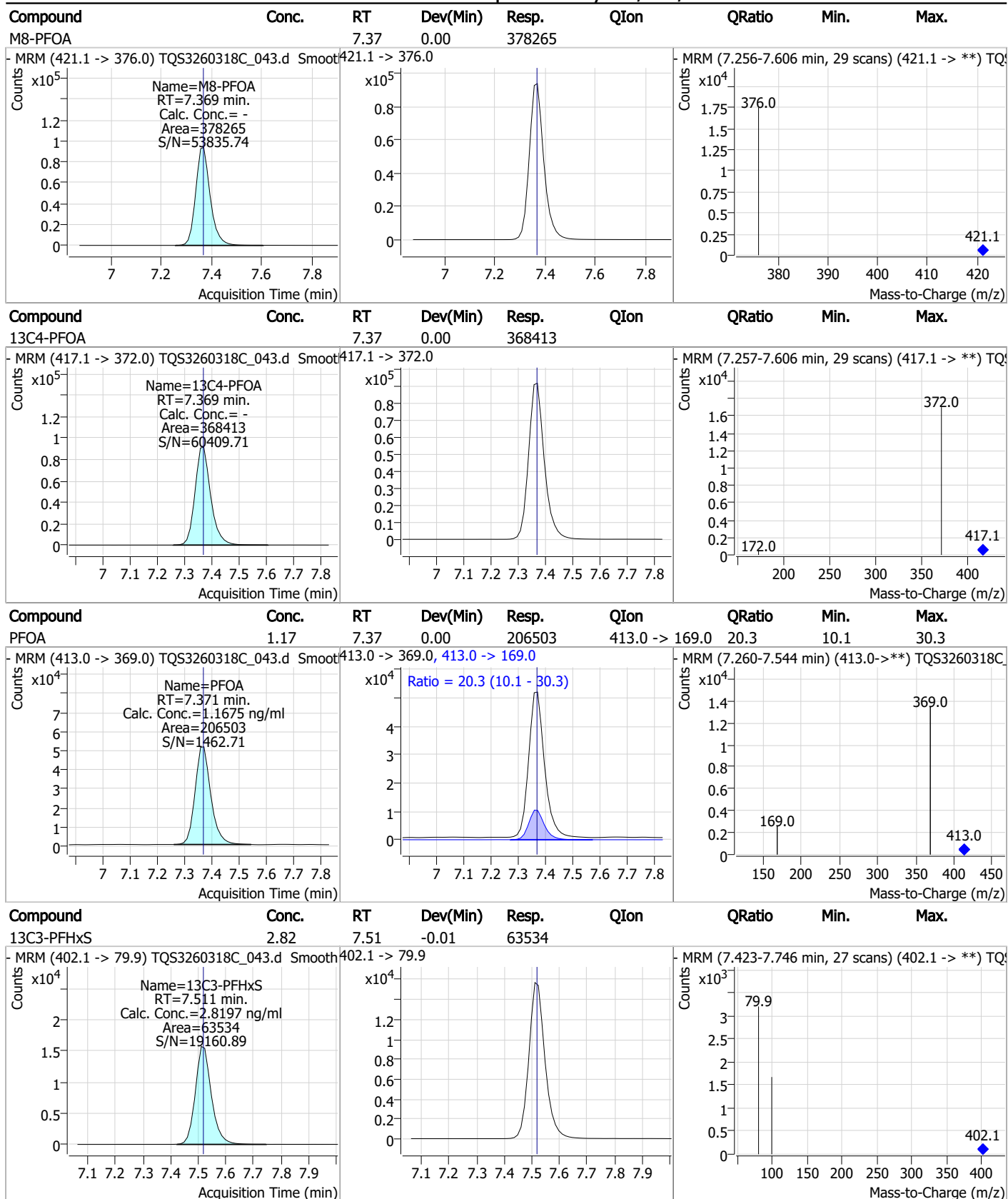


Perfluorinated Compounds by LC/MS/MS

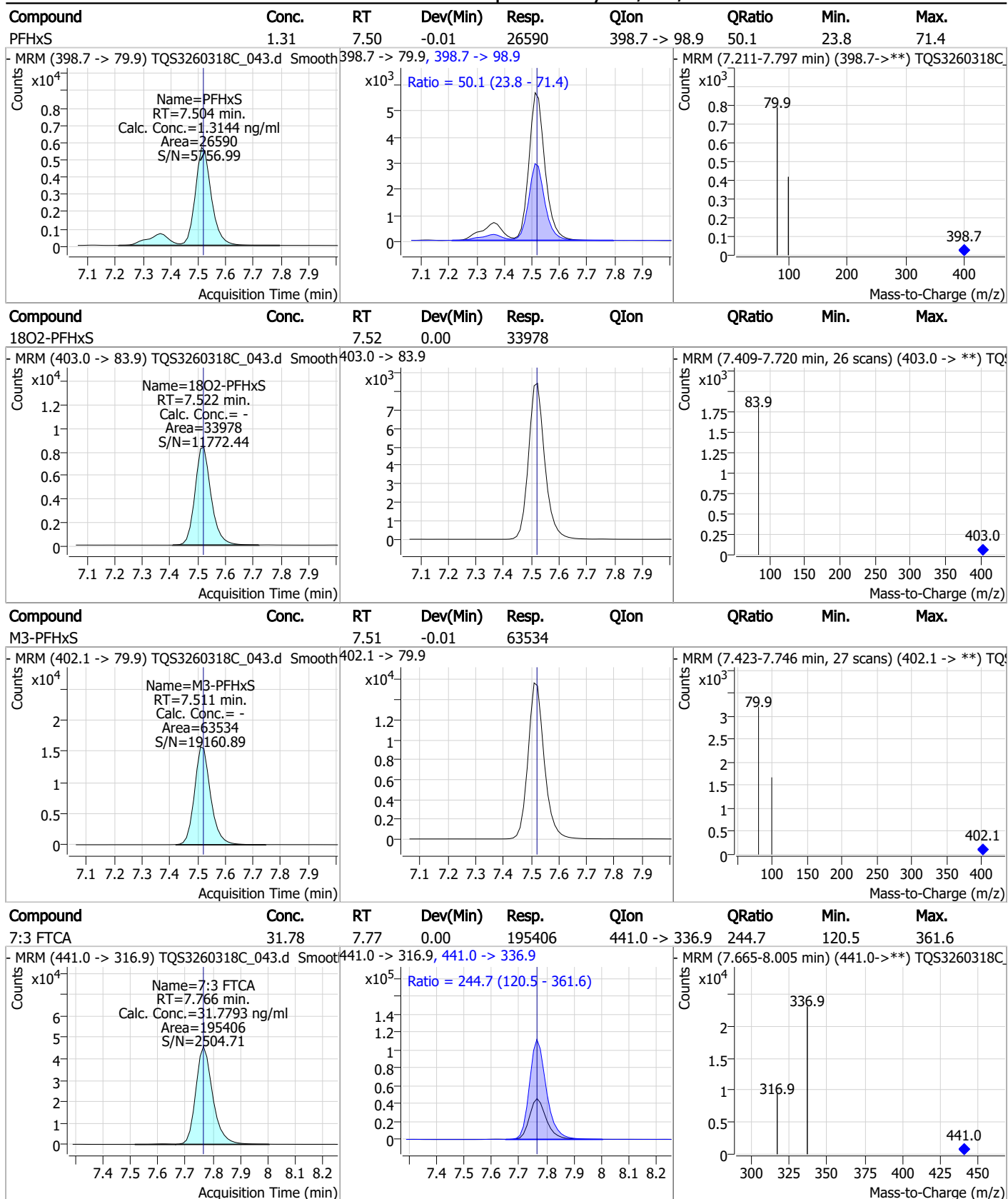


Perfluorinated Compounds by LC/MS/MS

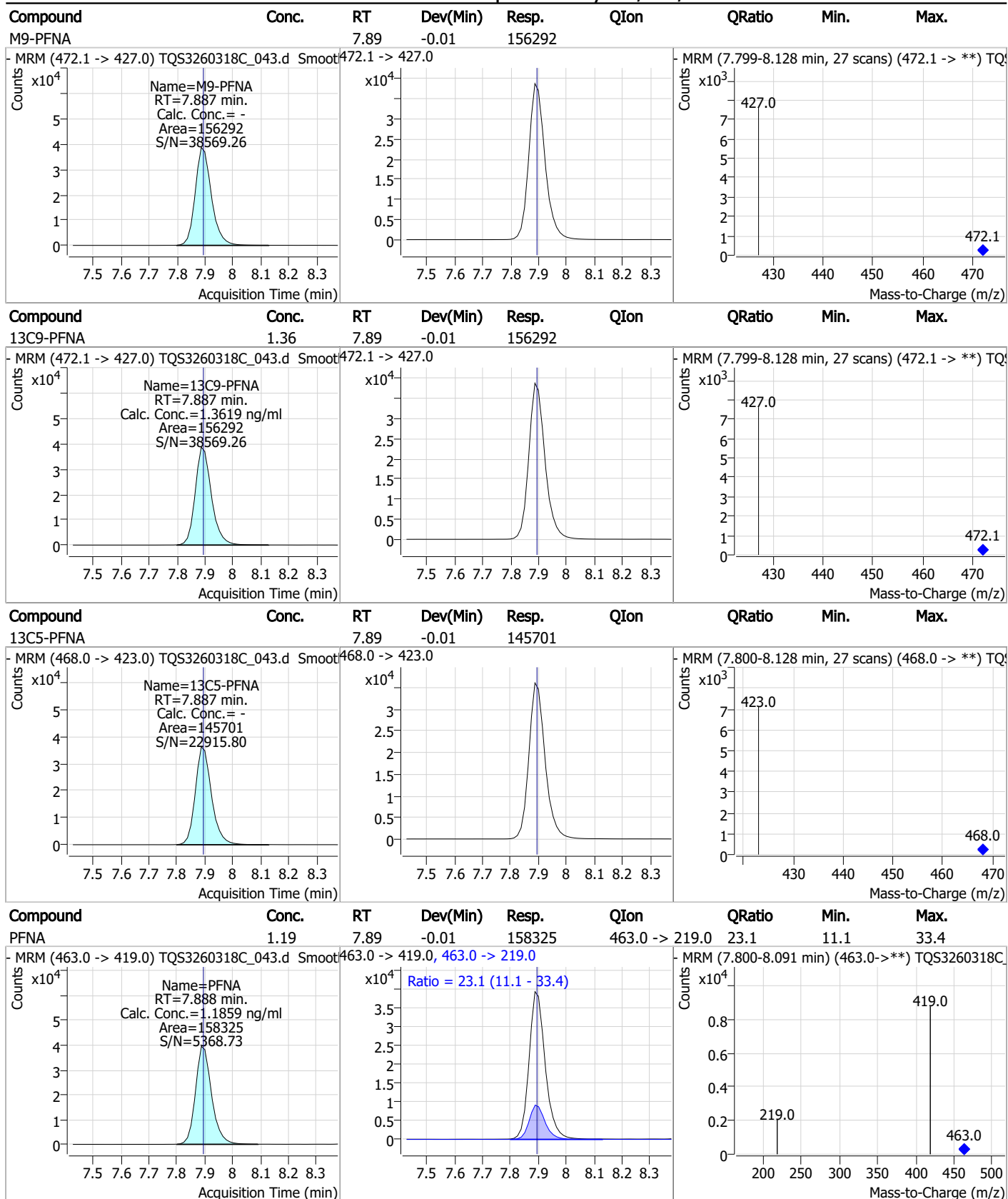




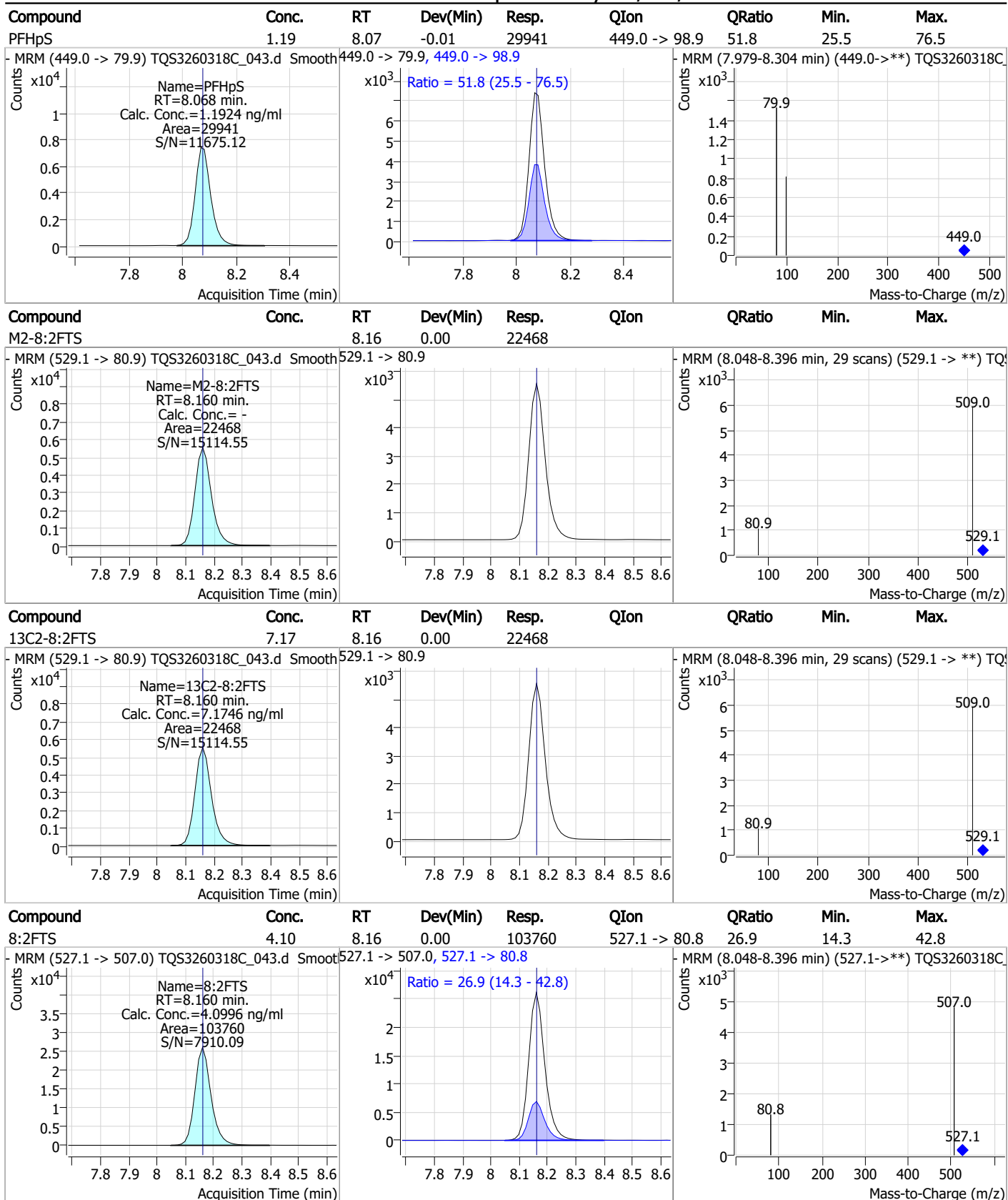
Perfluorinated Compounds by LC/MS/MS



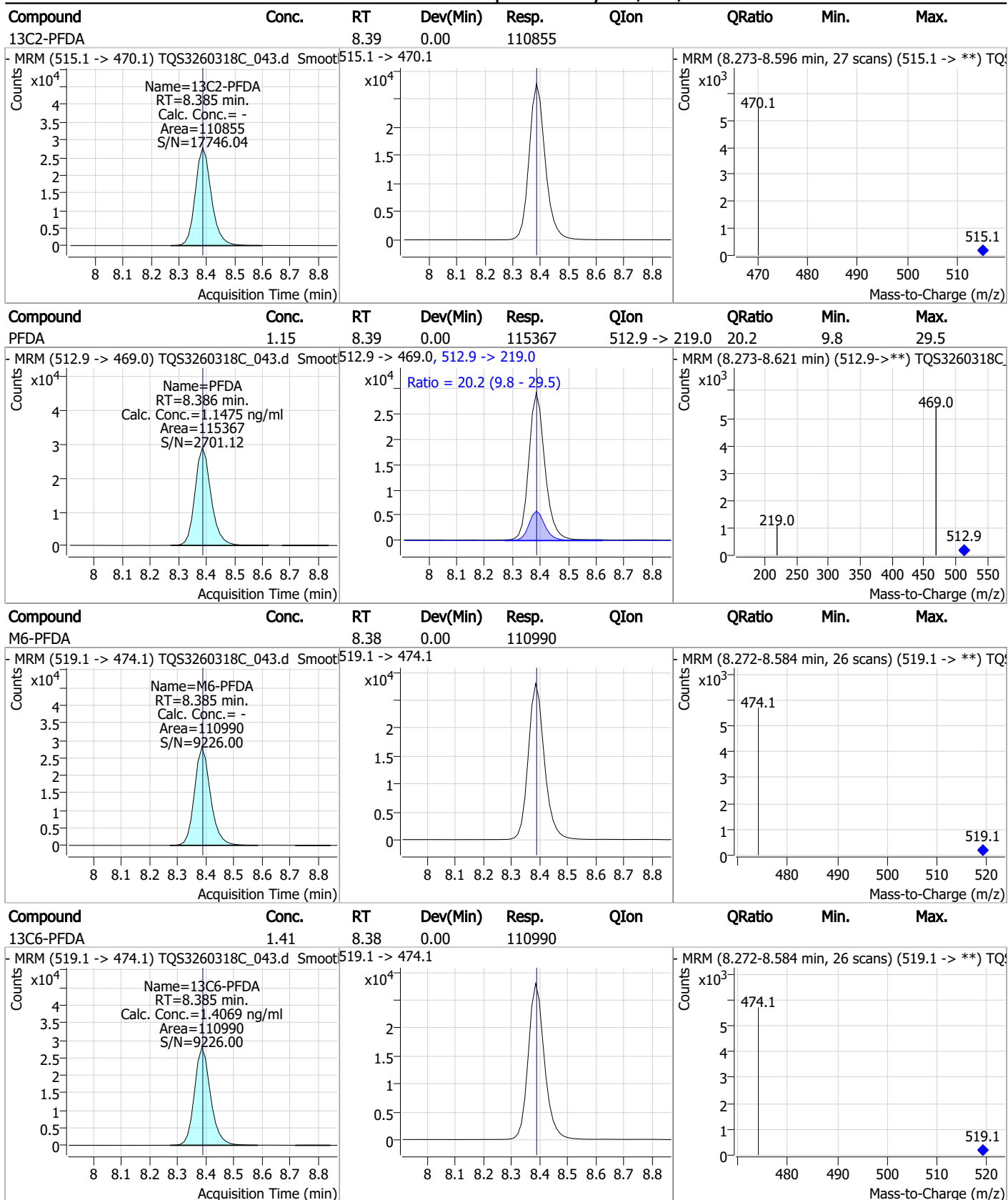
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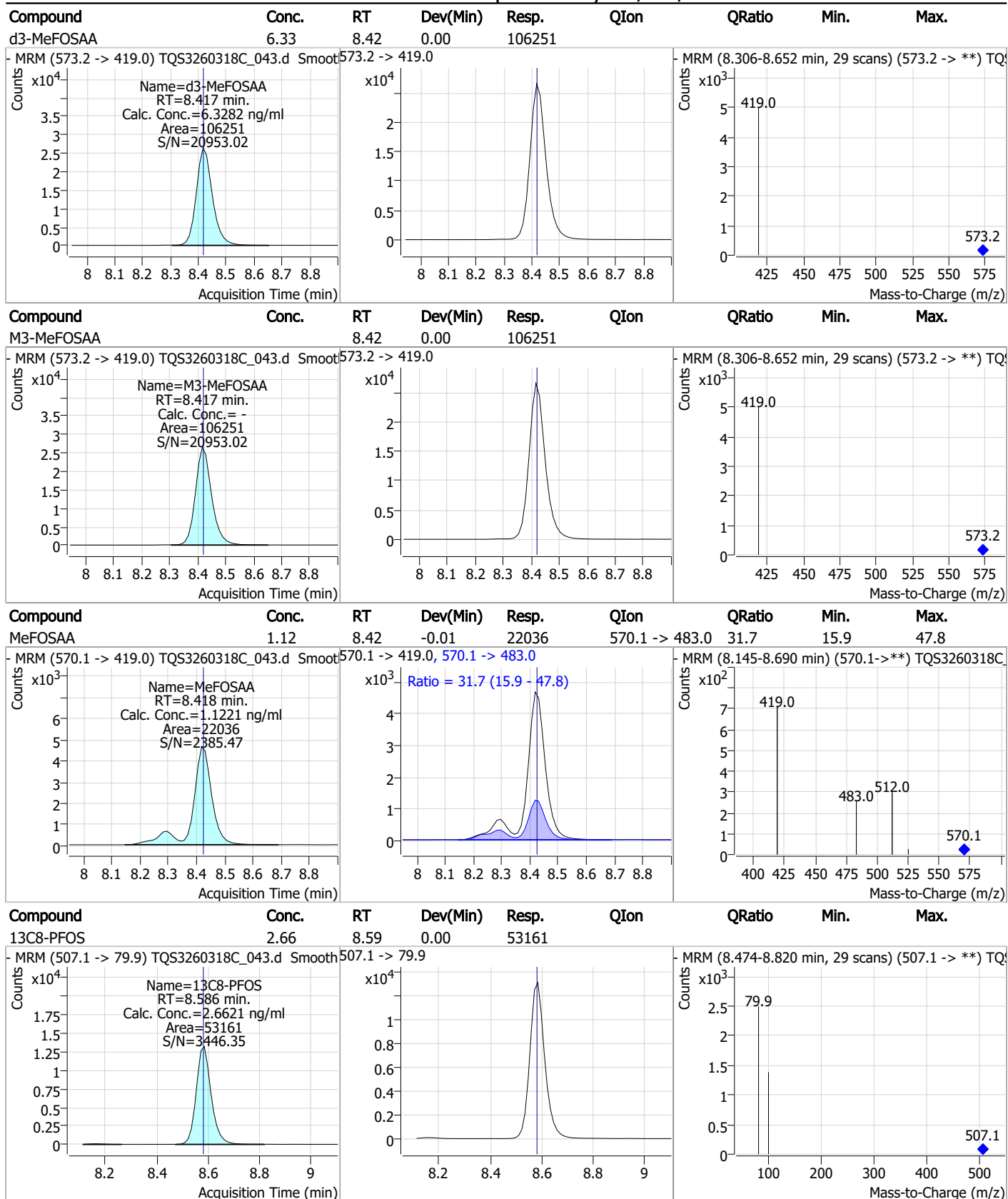
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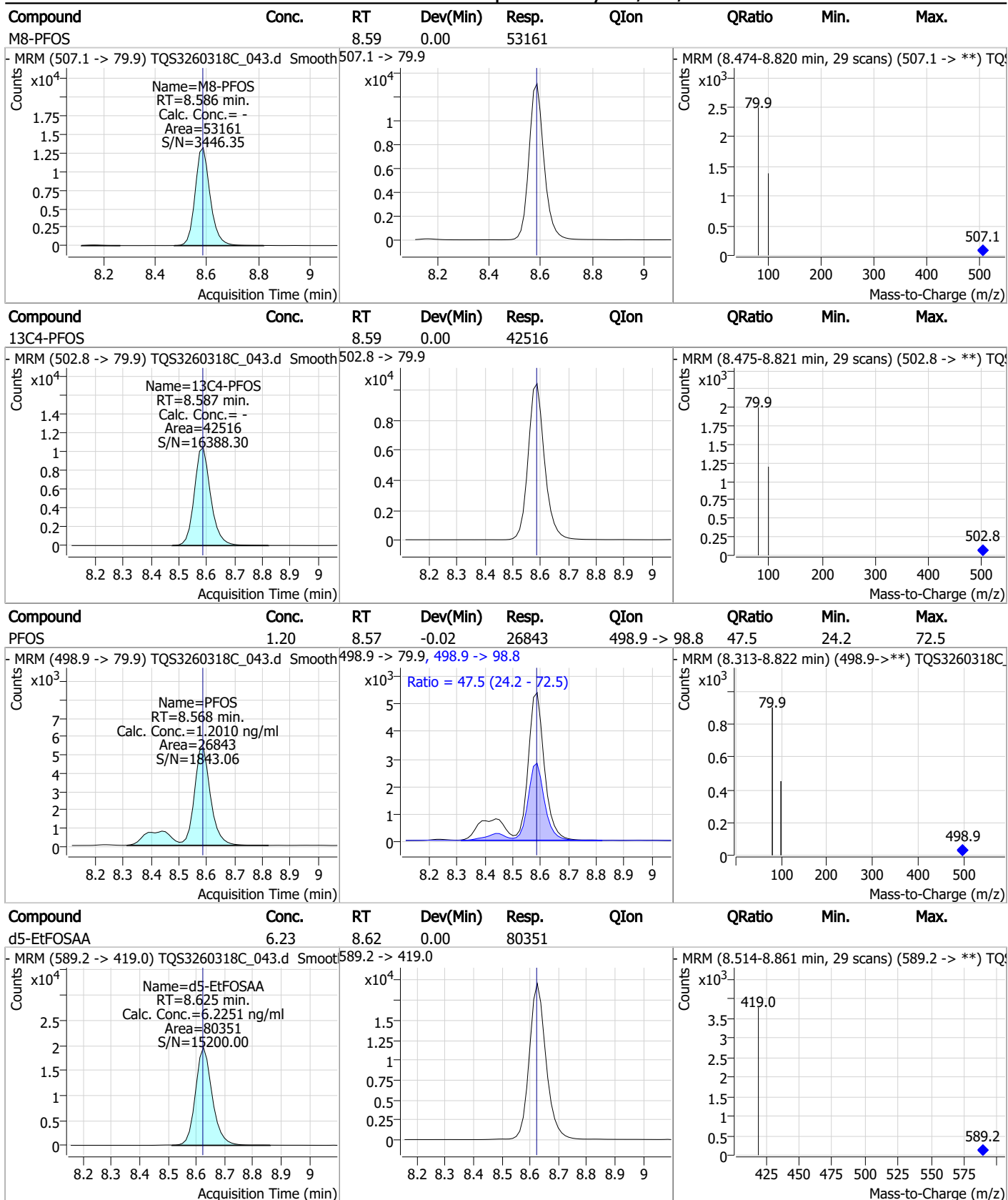
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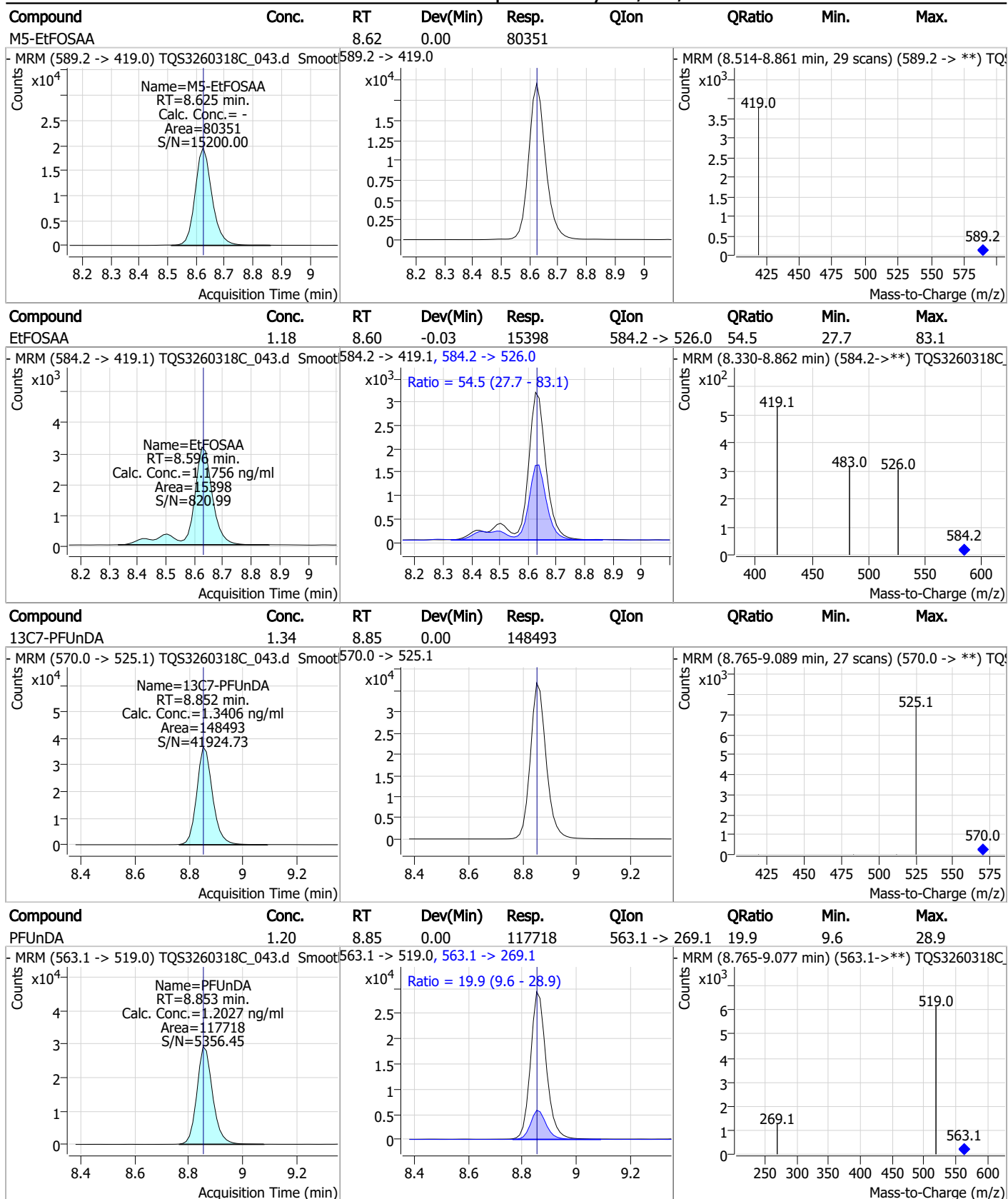
Perfluorinated Compounds by LC/MS/MS



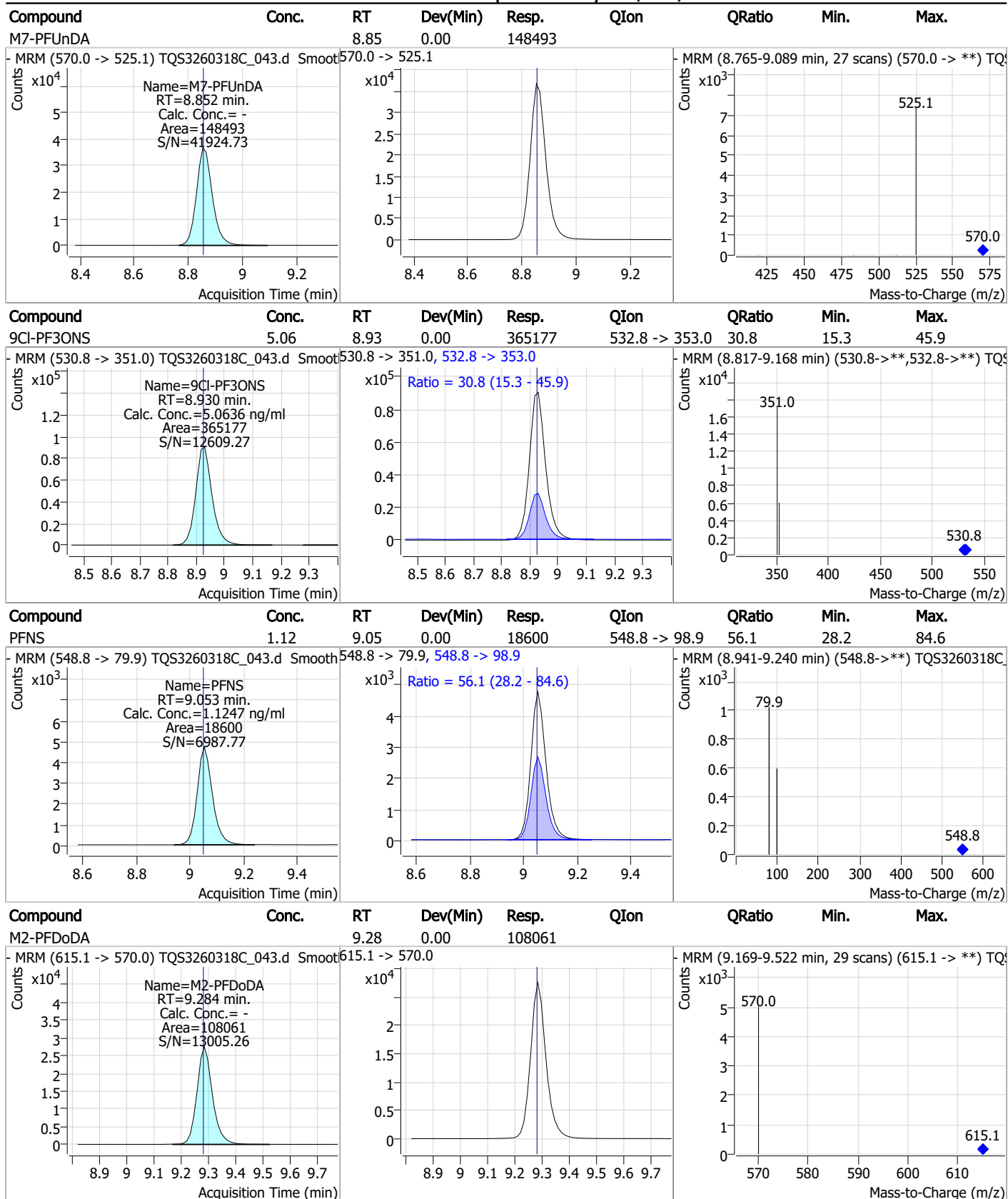
Perfluorinated Compounds by LC/MS/MS



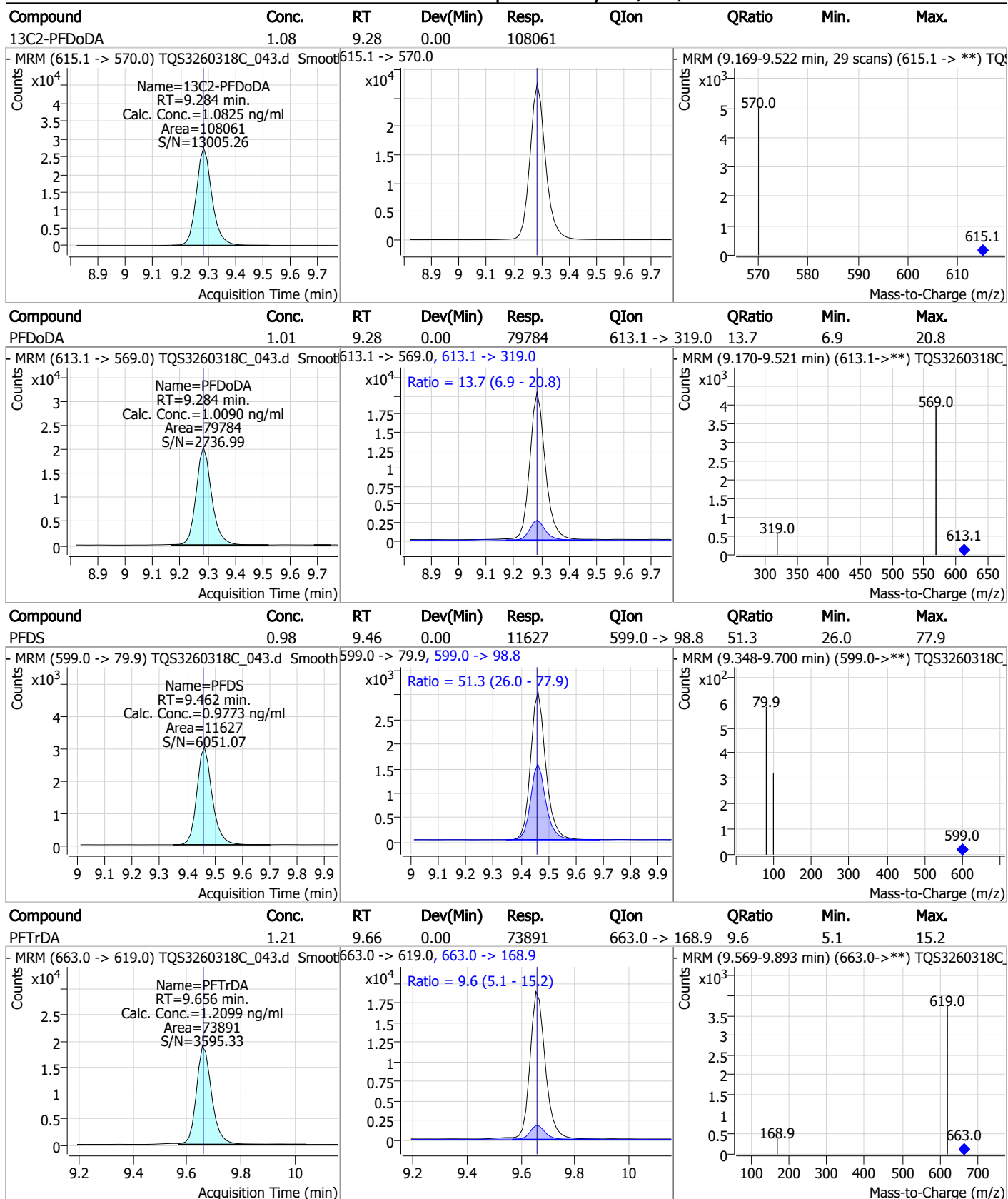
Perfluorinated Compounds by LC/MS/MS



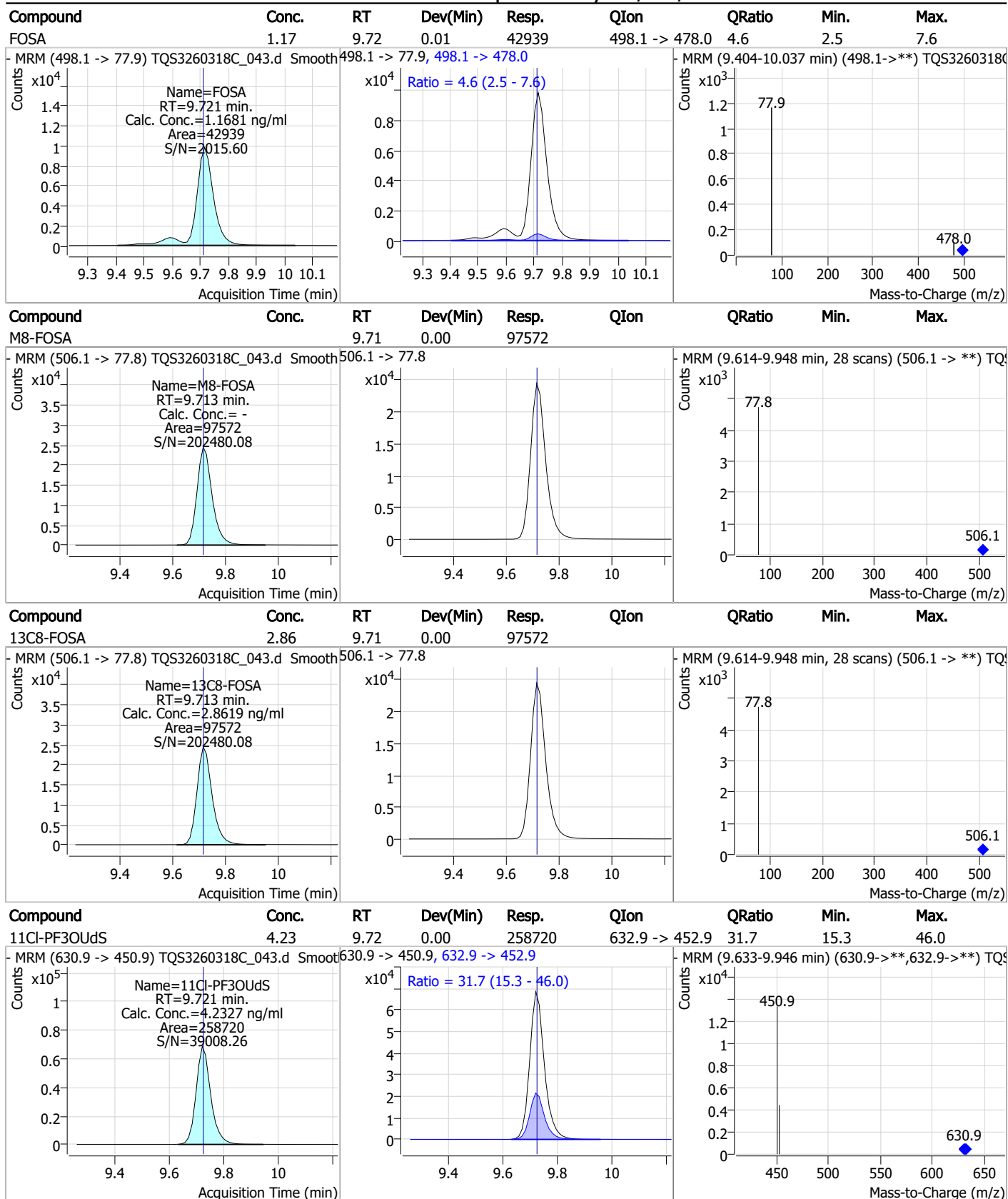
Perfluorinated Compounds by LC/MS/MS



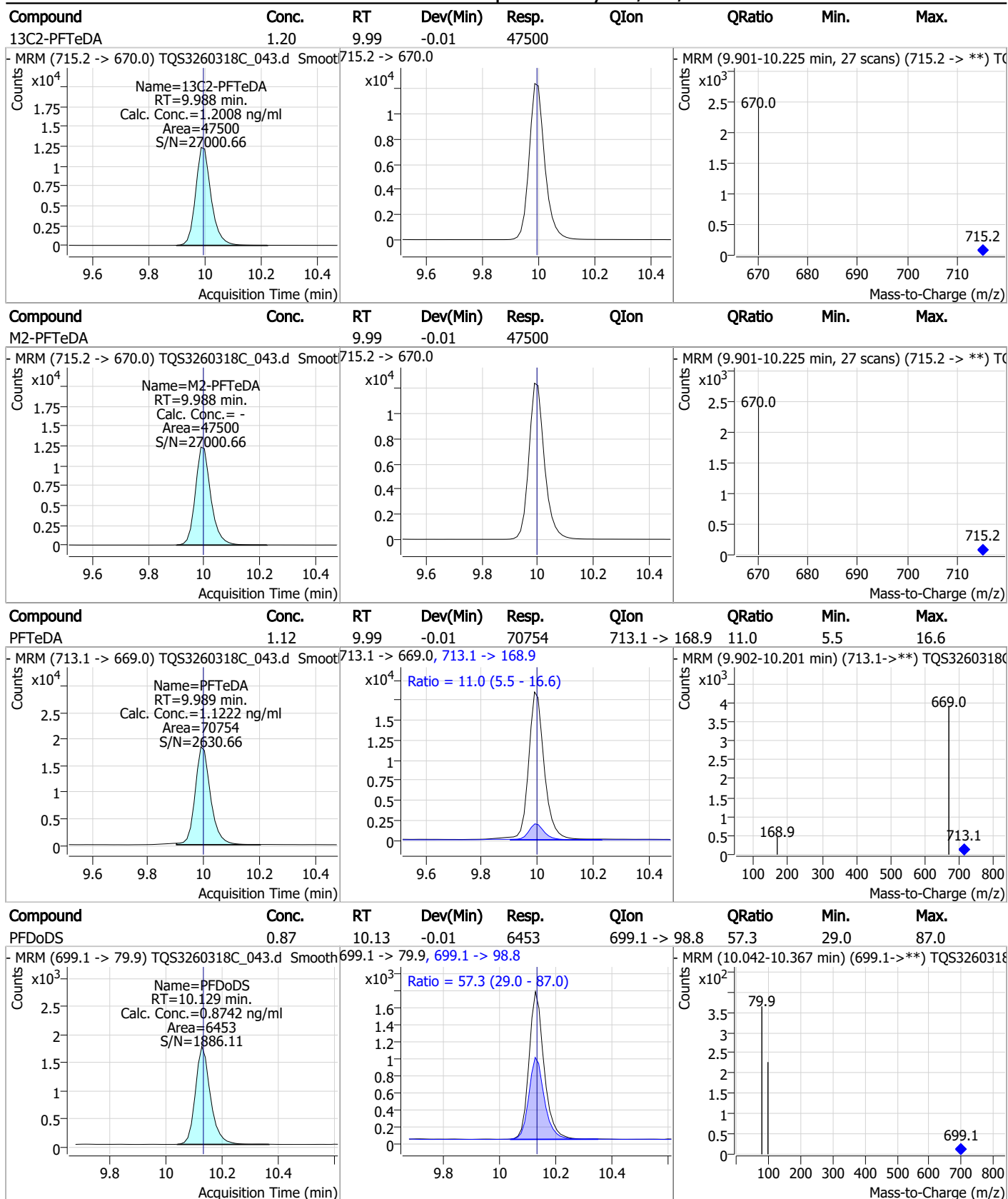
Perfluorinated Compounds by LC/MS/MS

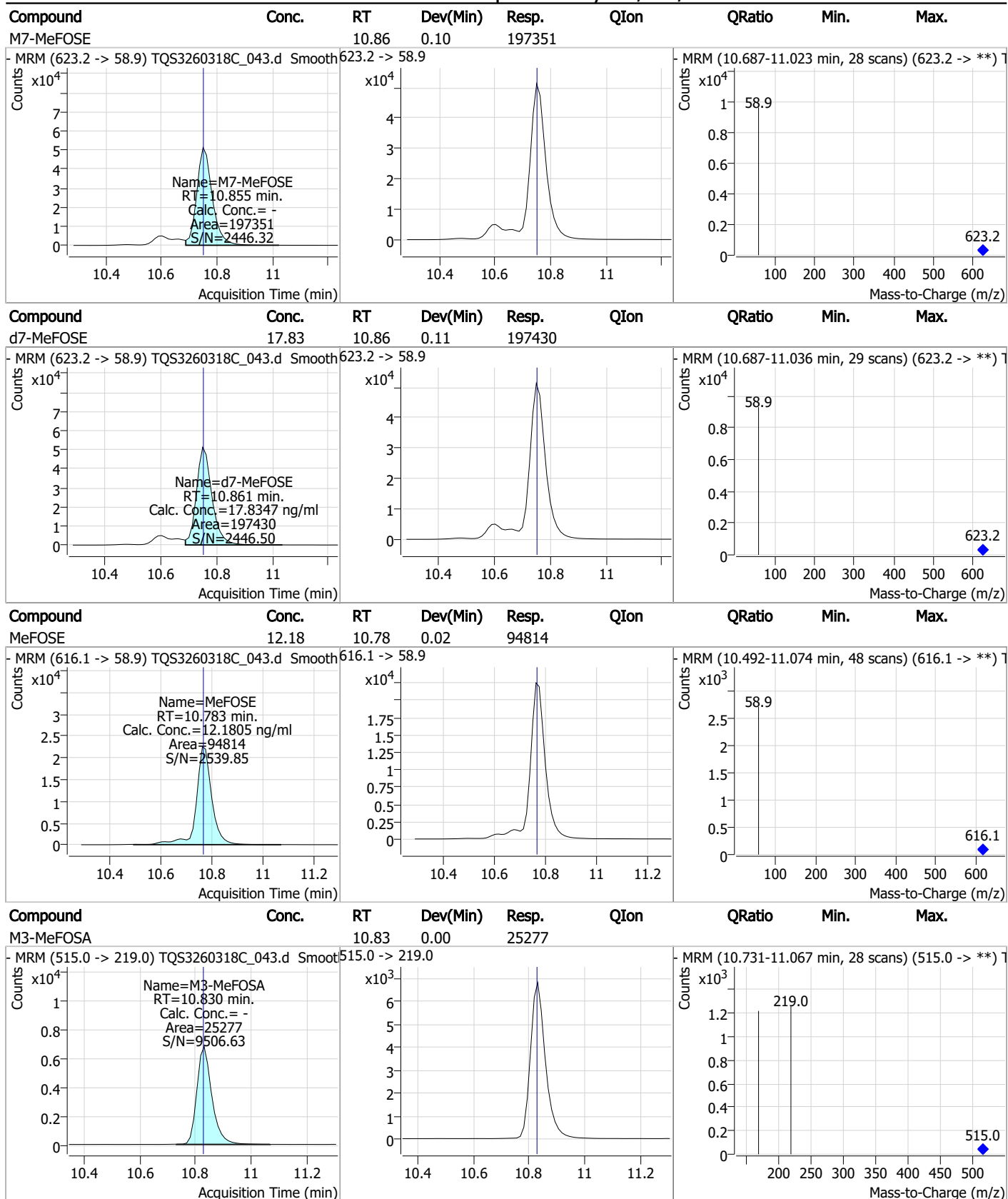


Perfluorinated Compounds by LC/MS/MS

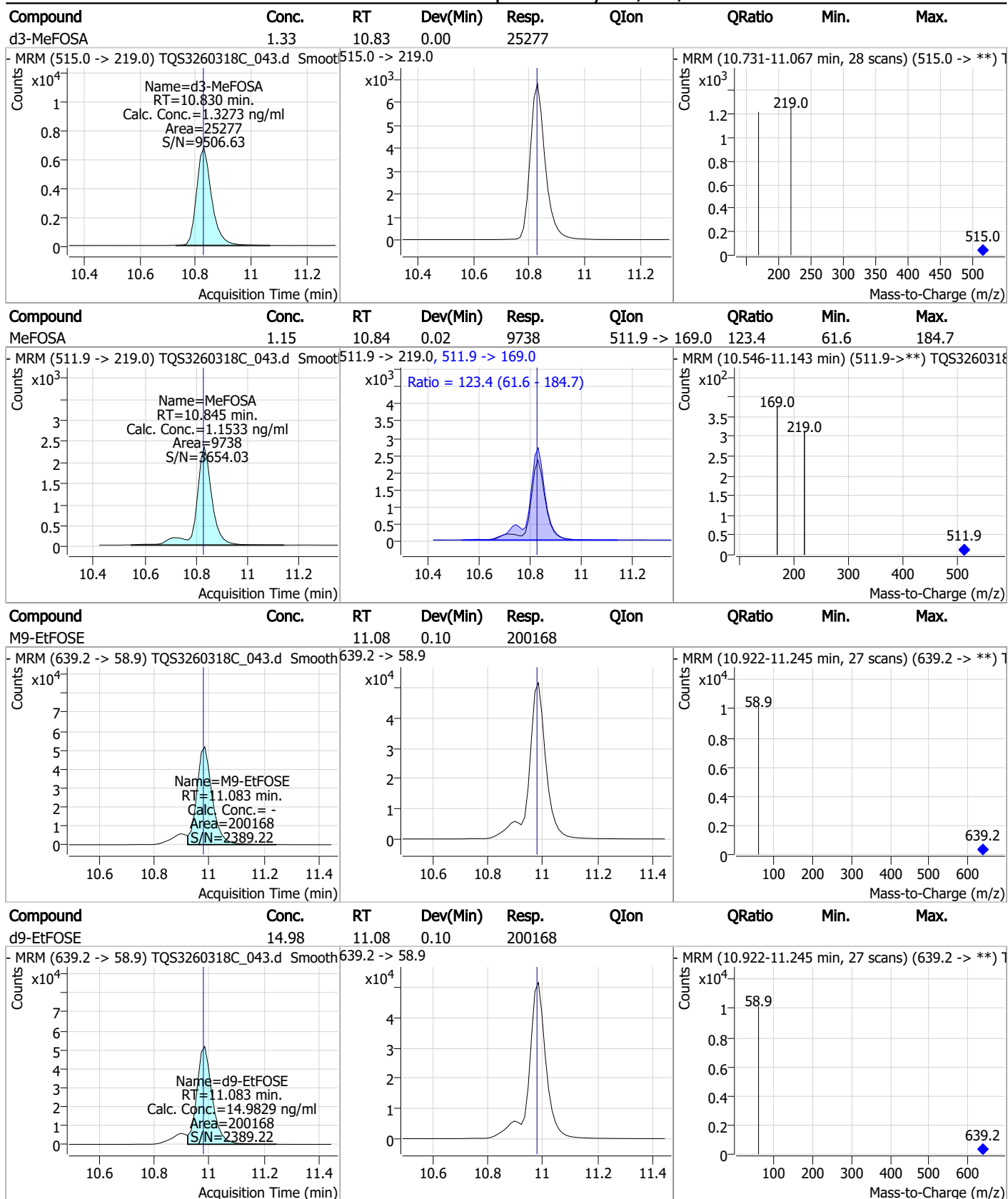


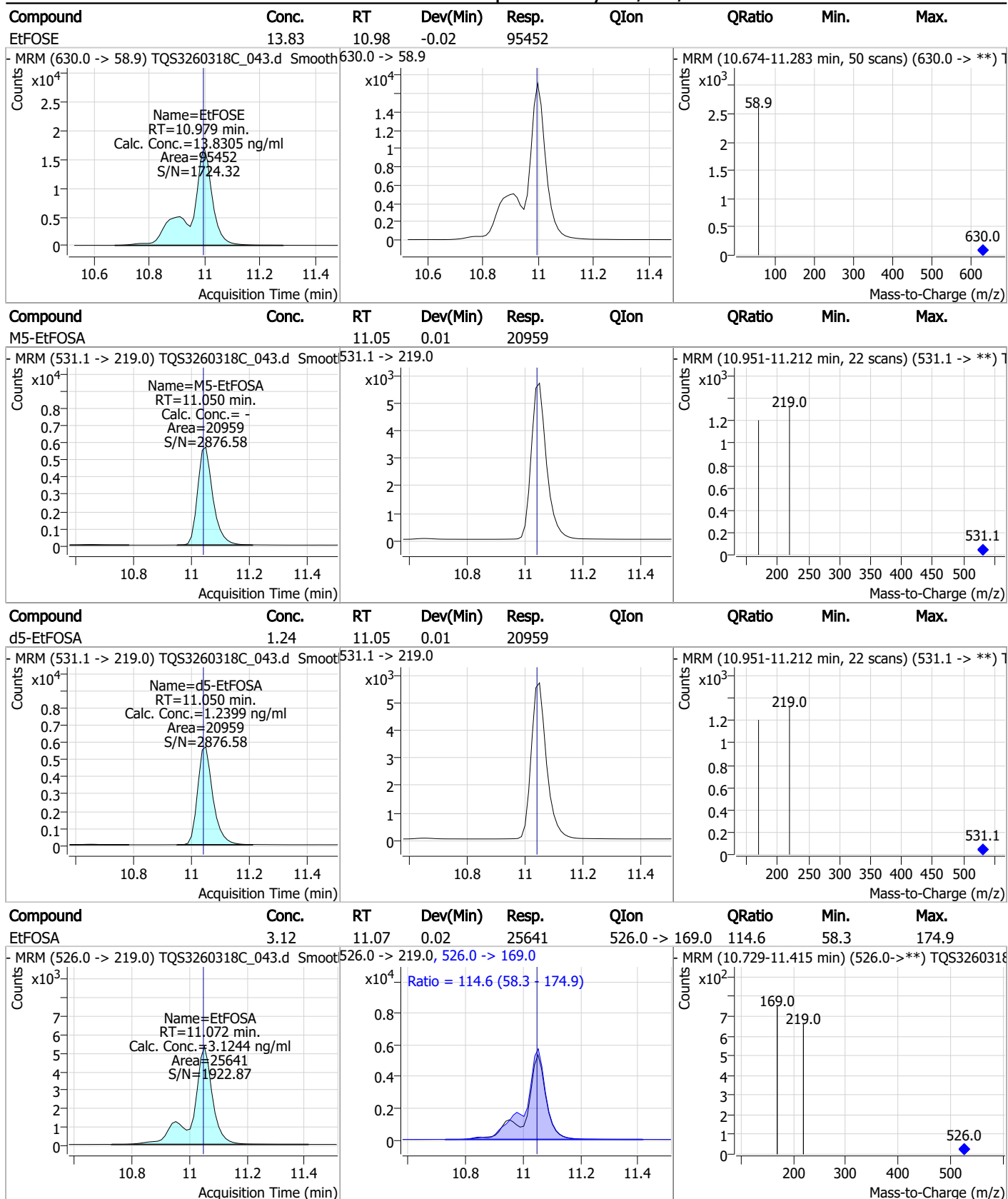
Perfluorinated Compounds by LC/MS/MS





Perfluorinated Compounds by LC/MS/MS





EPA 1633A

Initial Calibration Raw Data

Method: EPA 1633
Matrix: Water
Inst Batch: XLC3913_ICAL_C_1633
ICAL Batch ID: XLC3913

ICAL Lot No. 30-7-11_30-8-15
CCV Lot No. 30-8-3/30-8-7
ICV Lot No. 30-9-1
Qualitative Std ID SIL31-248-1

Standards

File name	Sample ID / Dilution	Date / Time	Comments	RERUN	OPR	LIMS Batch
TQS3260318C_019.d	IB	3/18/26 22:11			AH	XLC3913
TQS3260318C_020.d	SENS. CHK	3/18/26 22:26			AH	XLC3913
TQS3260318C_021.d	ICAL2	3/18/26 22:42			AH	XLC3913
TQS3260318C_022.d	ICAL3	3/18/26 22:57			AH	XLC3913
TQS3260318C_023.d	ICAL4	3/18/26 23:12			AH	XLC3913
TQS3260318C_024.d	ICAL5	3/18/26 23:27			AH	XLC3913
TQS3260318C_025.d	ICAL6	3/18/26 23:42			AH	XLC3913
TQS3260318C_026.d	ICAL7	3/18/26 23:57			AH	XLC3913
TQS3260318C_027.d	ICAL8	3/19/26 0:12			AH	XLC3913
TQS3260318C_028.d	ICAL9	3/19/26 0:27			AH	XLC3913
TQS3260318C_029.d	IB	3/19/26 0:42			AH	XLC3913
TQS3260318C_030.d	ICV	3/19/26 0:57			AH	XLC3913
TQS3260318C_031.d	Qualitative ID	3/19/26 1:13			AH	XLC3913
TQS3260318C_032.d	Bile Salt check	3/19/26 1:28			AH	XLC3913

Analyst:

Reviewed by

Initial Calibration Report

Method Path D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026
Method File XLC3913_ICAL_1633_DATA_ANALYSIS.m
Batch Name D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\QuantResults\XLC3913_ICAL_C_1633.batch.bin
Last Calib Update 3/19/2026 4:03:24 PM

Level Name	Calibration Files	Acq. Date-Time	Level Last Update Time
2	D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\TQS3260318C_021.d	3/18/2026 10:42:01 PM	3/19/2026 4:03:24 PM
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4	D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\TQS3260318C_023.d	3/18/2026 11:12:14 PM	3/19/2026 4:03:24 PM
5	D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\TQS3260318C_024.d	3/18/2026 11:27:19 PM	3/19/2026 4:03:24 PM
6	D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\TQS3260318C_025.d	3/18/2026 11:42:26 PM	3/19/2026 4:03:24 PM
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9	D:\MassHunter\Data\M_XLC3913_ICAL_C_1633\03182026\TQS3260318C_028.d	3/19/2026 12:27:44 AM	3/19/2026 4:03:24 PM

Compound	Curve Fit	3	4	5	6	7	8	9	Avg RF	%RSD
T TDCA	Linear									
I 13C2-PFDA										
S 13C6-PFDA	Avg RF	0.9180	0.9065	0.8858	0.8979	0.8927	0.8967	0.8503	0.8895	2.453
S 13C7-PFUnDA	Avg RF	1.3078	1.2667	1.2203	1.2859	1.2683	1.2386	1.1682	1.2490	3.466
S 13C2-PFDoDA	Avg RF	1.1397	1.0816	1.1545	1.1113	1.0954	1.1112	1.1720	1.1256	2.734
S 13C2-PFTeDA	Avg RF	0.4472	0.4322	0.4502	0.4267	0.4310	0.4485	0.4740	0.4460	3.549
I 13C2-PFHxA										
S 13C5-PFPeA	Avg RF	0.8180	0.8107	0.8031	0.8085	0.8119	0.8140	0.8243	0.8136	0.813
S 13C5-PFHxA	Avg RF	1.1475	1.1334	1.1431	1.1085	1.1241	1.1438	1.1329	1.1324	1.132
S 13C3-HFO-DA	Avg RF	0.3233	0.3237	0.2967	0.3158	0.3176	0.3140	0.2880	0.3111	4.067
S 13C4-PFHpA	Avg RF	1.0006	1.0141	0.9744	0.9924	0.9992	1.0010	1.0320	1.0025	1.654
I 13C3-PFBA										
S 13C4-PFBA	Avg RF	1.1825	1.1804	1.1837	1.1737	1.1830	1.1833	1.1800	1.1807	0.278
I 13C4-PFOA										
S 13C8-PFOA	Avg RF	0.9335	0.9091	0.9232	0.9203	0.9316	0.9404	0.9261	0.9259	1.025
I 13C4-PFOS										
S d3-MeFOSAA	Avg RF	1.0104	0.9387	0.9647	1.0074	0.9983	0.9843	0.9761	0.9873	2.715
S 13C8-PFOS	Avg RF	1.1887	1.1584	1.1857	1.1859	1.1878	1.1888	1.1387	1.1742	1.639
S d5-EtFOSAA	Avg RF	0.7643	0.7081	0.7563	0.7589	0.7737	0.7448	0.7922	0.7590	3.286
S 13C8-FOSA	Avg RF	2.2312	2.0431	2.0707	2.0644	2.0972	1.9741	1.9699	2.0047	9.348
S d7-MeFOSE	Avg RF	0.6575	0.6474	0.6586	0.6687	0.6932	0.6355	0.5776	0.6509	5.245
S d3-MeFOSA	Avg RF	1.1086	1.0490	1.0942	1.1460	1.1598	1.0699	1.1720	1.1199	4.114
S d9-EtFOSE	Avg RF	0.7887	0.7233	0.8271	0.7644	0.8581	0.7918	0.7011	0.7856	6.885
S d5-EtFOSA	Avg RF	1.0008	0.9792	0.9563	1.0281	1.0504	0.9807	0.9455	0.9939	3.573
I 13C5-PFNA										
S 13C9-PFNA	Avg RF	1.0050	0.9640	0.9900	0.9894	0.9476	1.0090	0.9788	0.9845	2.087

Generated at 4:05 PM on 3/19/2026

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Initial Calibration Report

Compound	Curve Fit	2	3	4	5	6	7	8	9	Avg RF	%RSD
I 18O2-PFHxS						ISTD					
S 13C2-4:2FTS	Avg RF	0.1474	0.1481	0.1466	0.1371	0.1352	0.1270	0.1077		0.1356	10.737
S 13C3-PFBS	Avg RF	2.2176	2.1826	2.1814	2.1383	2.2196	2.2405	2.2353	2.2425	2.2072	1.663
S 13C2-6:2FTS	Avg RF	0.2284	0.2271	0.2287	0.2159	0.2094	0.1956	0.1769		0.2117	9.244
S 13C3-PFHxS	Avg RF	1.6428	1.6643	1.6733	1.6399	1.6556	1.6971	1.6344	1.6551	1.6578	1.234
S 13C2-8:2FTS	Avg RF	0.2468	0.2521	0.2435	0.2202	0.2241	0.2285	0.1978		0.2304	8.164
I M2-4:2FTS						ISTD					
T 4:2FTS	Avg RF	8.6286	8.4139	8.9201	9.2046	9.0214	9.4998	8.7555		8.9206	4.082
I M2-6:2FTS						ISTD					
T 6:2FTS	Avg RF	5.8223	6.1267	5.9627	6.0988	6.4978	6.6787	5.9625		6.1642	5.043
I M2-8:2FTS						ISTD					
T 8:2FTS	Avg RF	5.3241	5.5109	5.5036	5.8294	6.1291	5.7822	5.3470		5.6323	5.206
I M2-PFDoDA						ISTD					
T PFDoDA	Avg RF	0.8567	0.9072	0.8928	0.9119	0.9475	0.9509	0.8960	0.9543	0.9147	3.745
T PFTeDA	Avg RF	0.6996	0.6630	0.7034	0.7078	0.7319	0.7161	0.7074	0.7224	0.7065	2.904
I M2-PFTeDA						ISTD					
T PFTeDA	Avg RF	1.5799	1.5725	1.6192	1.6966	1.7469	1.7345	1.6320	1.6925	1.6593	4.076
I M3-HFOPO-DA						ISTD					
T HFPO-DA	Avg RF	0.8367	0.8662	0.9754	0.9254	0.9442	0.9618	0.9197	0.8770	0.9133	5.357
T ADONA	Avg RF	6.5118	6.8014	7.5055	7.1751	7.1768	7.4167	7.7797	6.7023	7.1337	6.093
T 9Cl-PF3ONS	Avg RF	2.4248	2.4132	2.7001	2.5427	2.6457	2.5987	2.5879	2.5225	2.5544	3.929
T 11Cl-PF3OUdS	Avg RF	1.9510	2.0333	2.3354	2.1922	2.1875	2.1750	2.2275	2.2183	2.1650	5.529
I M3-MeFOSA						ISTD					
T MeFOSA	Avg RF	0.7952	0.8472	0.8250	0.8165	0.8574	0.8658	0.8263	0.8477	0.8351	2.814
I M3-MeFOSAA						ISTD					
T MeFOSAA	Avg RF	0.8566	0.8704	0.9572	0.8906	0.9377	0.9359	0.9593	0.9852	0.9241	5.001
I M3-PFBS						ISTD					
T PFBS	Avg RF	0.8666	0.8931	0.9118	0.9191	0.9170	0.9346	0.9014	0.9404	0.9105	2.594
I M3-PFHxS						ISTD					
T PFPeS	Avg RF	0.9869	1.0497	1.0491	1.0770	1.0971	1.1053	1.1398	1.1856	1.0863	5.597
T PFHxS	Avg RF	0.8512	0.7898	0.7734	0.7811	0.8067	0.7974	0.7745	0.7943	0.7960	3.148
I M4-PFBA						ISTD					
T PFBA	Avg RF	0.2208	0.2192	0.2250	0.2269	0.2295	0.2325	0.2243	0.2400	0.2273	2.952
T PFMPA	Avg RF	0.4759	0.4804	0.5000	0.5041	0.5153	0.5164	0.5282	0.6311	0.5189	9.386
I M4-PFHpA						ISTD					
T PFHpA	Avg RF	1.8147	1.8021	1.9252	1.9035	1.9132	1.9449	1.8687	2.1417	1.9143	5.496

Initial Calibration Report

Compound	Curve Fit	2	3	4	5	6	7	8	9	Avg RF	%RSD
I M5-EFOSA											
T EFOSA	Avg RF	0.8996	0.9268	0.9658	0.9723	0.9821	1.0286	0.9950	1.0609	0.9789	5.278
I M5-EFOSAA											
T EFOSAA	Avg RF	0.7896	0.7267	0.8100	0.8037	0.8174	0.8255	0.8681	0.8791	0.8150	5.800
I M5-PFHxA											
T NFDHA	Avg RF	0.0904	0.0955	0.0911	0.0992	0.0986	0.0988	0.1006	0.0958	0.0962	3.959
T PFHxA	Avg RF	1.5729	1.4316	1.3568	1.4025	1.4017	1.3776	1.3540	1.4756	1.4216	5.140
T PFESA	Avg RF	0.8632	0.9311	0.9365	0.9773	0.9811	0.9778	0.9883	1.1232	0.9723	7.582
T 5:3 FTCA	Avg RF	0.1085	0.1135	0.1190	0.1221	0.1244	0.1220	0.1284	0.1424	0.1226	8.303
T 7:3 FTCA	Avg RF	0.0462	0.0502	0.0521	0.0551	0.0562	0.0558	0.0549	0.0607	0.0539	8.116
I M5-PFPeA											
T 3:3 FTCA	Avg RF	0.0431	0.0452	0.0458	0.0466	0.0464	0.0483	0.0501	0.0595	0.0481	10.474
T PFPeA	Avg RF	1.1703	1.1816	1.1972	1.1986	1.2156	1.2167	1.1851	1.3188	1.2105	3.849
T PFMBa	Avg RF	0.5827	0.5942	0.6198	0.6288	0.6315	0.6373	0.6390	0.7526	0.6358	8.091
I M6-PFDA											
T PFDA	Avg RF	1.0414	1.1052	1.1166	1.1483	1.1423	1.1614	1.1278	1.2154	1.1323	4.399
I M7-MeFOSE											
T MeFOSE	Avg RF	0.9416	0.9918	1.0046	1.0128	1.0124	1.0108	0.9439	0.9706	0.9861	3.064
I M7-PFUnDA											
T PFUnDA	Avg RF	0.7447	0.7870	0.8339	0.8060	0.8446	0.8398	0.8293	0.9063	0.8240	5.721
I M8-FOSA											
T FOSA	Avg RF	0.8848	0.9082	0.9330	0.9473	0.9469	0.9514	0.9244	1.0389	0.9419	4.804
I M8-PFOA											
T PFOA	Avg RF	1.1701	1.1163	1.1350	1.1770	1.1679	1.1717	1.1510	1.2628	1.1690	3.704
I M8-PFOS											
T PFHpS	Avg RF	1.1150	1.1099	1.1456	1.2007	1.2023	1.1677	1.2748	1.2307	1.1808	4.849
T PFOS	Avg RF	0.9971	1.0406	1.0496	1.0191	1.0754	1.0457	1.0592	1.1218	1.0511	3.548
T PFNS	Avg RF	0.7659	0.7237	0.7509	0.7746	0.7789	0.7567	0.8352	0.8359	0.7777	5.077
T PFDS	Avg RF	0.5169	0.5691	0.5288	0.5556	0.5652	0.5451	0.5864	0.6089	0.5595	5.346
T PFDoDS	Avg RF	0.3373	0.3106	0.3269	0.3386	0.3478	0.3421	0.3732	0.4005	0.3471	8.055
I M9-EtFOSE											
T EtFOSE	Avg RF	0.8165	0.8773	0.8478	0.8742	0.8497	0.9066	0.8360	0.8877	0.8620	3.435
I M9-PFNA											
T PFNA	Avg RF	0.9584	1.0134	1.0523	1.0726	1.0964	1.1044	1.0528	1.1921	1.0678	6.434

(RedFont and #) = Outlier Flag; (I) = Internal Standard; (T) = Target; (S) = Surrogate; (M) = Matrix Spike

1633 ICAL Standards Sheet

Batch Information		Note: Qualitative Check Ax source (SIL 30-16-4) contains PFHxS, PFOS, NMeFOSAA, NETFOSAA, PFOA, PFNA, FOSA, NMeFOSA, NETFOSA, NMeFOSE, and NETFOSE isomers. Note: FC072(A-I)-CAL/01 source (SIL 30-7-11 through 30-8-15) contains native PFHxS, PFOS, NMeFOSAA, NETFOSAA, FOSA, NMeFOSA, NETFOSA, NMeFOSE, and NETFOSE isomers. Note: Ignore the presence of branched isomers in the surrogate and in the CALs for d7-MeFOSE and d9-EtFOSE (ES).
Batch Number	XLC3913_ICAL_C_1633	
Opened	1/26/2026	
Date Injected	3/18/2025	
Expires	10/31/2026	
Method	1633	
Analyst	AH	
Standard Information		
FC072(A-I)-CAL/01(0.05-1562.5 µg/L)	30-7-11 through 30-8-15 (AXYS)	
1633 Ax 2nd Source Working(1.25-31.25 µg/L)	30-9-1 (AXYS)	
ES Working (100-2800 µg/L)	30-13-2 (AXYS)	
JS Working (200-400 µg/L)	30-7-8 (AXYS)	
Qualitative Check Ax (442.5-500 µg/L)	31-248-1 (Wellington)	
Ax Dilution 1 (88.8-2500 µg/L)	31-247-1 (Wellington)	

Internal Standard Summary

Analytical Batch:	XLC3913_ICAL_C_1633	Method:	EPA 1633
ICAL Batch:	XLC3913_ICAL_C_1633	Analyst:	AH
		Instrument ID:	TQS3

Initial Calibration	13C2-PFDA	13C2PFHxA	13C3-PFBA	13C4-PFOA	13C4-PFOS	13C5-PFNA	0802-PFHxS
Average	135646	271780	419311	430536	51501	176127	43261
Upper Limit (+100%)	271293	543559	838622	861072	103002	352254	86521
Lower Limit (-50%)	67823	135890	209655	215268	25751	88064	21630

Sample	Date/Time																		

ICV 3/19/2026 0:57 205158 434671 662248 677554 72580 278092 67825

Data File : TQS3260318C_019.d
 Operator :
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/18/2026 10:11:50 PM
 Sample Name : IB
 Vial : P3-A2
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3913_ICAL_C_1633.batch.bin
 Sample Information : AXYS ICAL0 INSTRUMENT BLK

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Internal Standards					
13C2-PFDA	8.398	515.1 -> 470.1	135802	1.25 ng/ml	0.012
13C2-PFHxA	5.857	315.1 -> 270.0	277856	2.50 ng/ml	-0.004
13C3-PFBA	3.177	216.0 -> 172.0	422487	5.00 ng/ml	0.004
13C4-PFOA	7.369	417.1 -> 372.0	441833	2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	51089	2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	178658	1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	44836	2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	13375	5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	19716	5.00 ng/ml	-0.001
M2-8:2FTS	8.172	529.1 -> 80.9	20501	5.00 ng/ml	0.012
M2-PFDoDA	9.284	615.1 -> 570.0	155571	1.25 ng/ml	0.003
M2-PFTeDA	10.001	715.2 -> 670.0	58929	1.25 ng/ml	0.004
M3-HFPO-DA	6.235	286.9 -> 168.9	336145	10.00 ng/ml	0.000
M3-MeFOSA	10.830	515.0 -> 219.0	57499	2.50 ng/ml	0.003
M3-MeFOSAA	8.429	573.2 -> 419.0	101746	5.00 ng/ml	0.009
M3-PFBS	5.848	302.1 -> 79.9	98584	2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	76323	2.50 ng/ml	0.002
M4-PFBA	3.173	216.8 -> 171.9	1007627	10.00 ng/ml	0.000
M4-PFHpA	6.751	367.1 -> 322.0	275007	2.50 ng/ml	0.002
M5-EtFOSA	11.038	531.1 -> 219.0	56411	2.50 ng/ml	-0.004
M5-EtFOSAA	8.625	589.2 -> 419.0	78578	5.00 ng/ml	-0.001
M5-PFHxA	5.868	318.0 -> 273.0	317483	2.50 ng/ml	0.006
M5-PFPeA	4.637	268.3 -> 223.0	452714	5.00 ng/ml	-0.005
M6-PFDA	8.397	519.1 -> 474.1	121991	1.25 ng/ml	0.009
M7-MeFOSE	10.855	623.2 -> 58.9	347636	25.00 ng/ml	0.105
M7-PFUnDA	8.864	570.0 -> 525.1	176797	1.25 ng/ml	0.010
M8-FOSA	9.713	506.1 -> 77.8	112113	2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	409222	2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	61509	2.50 ng/ml	0.001
M9-EtFOSE	11.083	639.2 -> 58.9	391089	25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	176377	1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	13375	5.50 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 110.0%	
13C2-6:2FTS	7.130	429.1 -> 80.9	19716	5.19 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 103.8%	
13C2-8:2FTS	8.172	529.1 -> 80.9	20501	4.96 ng/ml	0.012
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 99.2%	
13C2-PFDoDA	9.284	615.1 -> 570.0	155571	1.27 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 101.8%	
13C2-PFTeDA	10.001	715.2 -> 670.0	58929	1.22 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 97.3%	
13C3-HFPO-DA	6.235	286.9 -> 168.9	336145	9.72 ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 97.2%	
d3-MeFOSA	10.830	515.0 -> 219.0	57499	2.51 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc.	Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.5%		
d3-MeFOSAA	8.429	573.2 -> 419.0	101746		5.04	ng/ml	0.012
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 100.9%		
13C3-PFBS	5.848	302.1 -> 79.9	98584		2.49	ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 99.6%		
13C3-PFHxS	7.523	402.1 -> 79.9	76323		2.57	ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 102.7%		
13C4-PFBA	3.175	216.8 -> 171.9	1016604		10.19	ng/ml	0.003
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 101.9%		
13C4-PFHpA	6.751	367.1 -> 322.0	275007		2.47	ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 98.7%		
d5-EtFOSA	11.038	531.1 -> 219.0	56411		2.78	ng/ml	-0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 111.1%		
d5-EtFOSAA	8.625	589.2 -> 419.0	78578		5.07	ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 101.3%		
13C5-PFHxA	5.868	318.0 -> 273.0	317483		2.52	ng/ml	0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.9%		
13C5-PFPeA	4.637	268.3 -> 223.0	452714		5.01	ng/ml	-0.003
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 100.1%		
13C6-PFDA	8.397	519.1 -> 474.1	121991		1.26	ng/ml	0.009
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 101.0%		
d7-MeFOSE	10.861	623.2 -> 58.9	347867		26.15	ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 104.6%		
13C7-PFUnDA	8.864	570.0 -> 525.1	176797		1.30	ng/ml	0.011
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 104.2%		
13C8-FOSA	9.713	506.1 -> 77.8	112113		2.74	ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 109.5%		
13C8-PFOA	7.369	421.1 -> 376.0	409222		2.50	ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.0%		
13C8-PFOS	8.586	507.1 -> 79.9	61509		2.56	ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 102.5%		
d9-EtFOSE	11.083	639.2 -> 58.9	391089		24.36	ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 97.4%		
13C9-PFNA	7.899	472.1 -> 427.0	176377		1.25	ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 100.3%		

Target Compounds

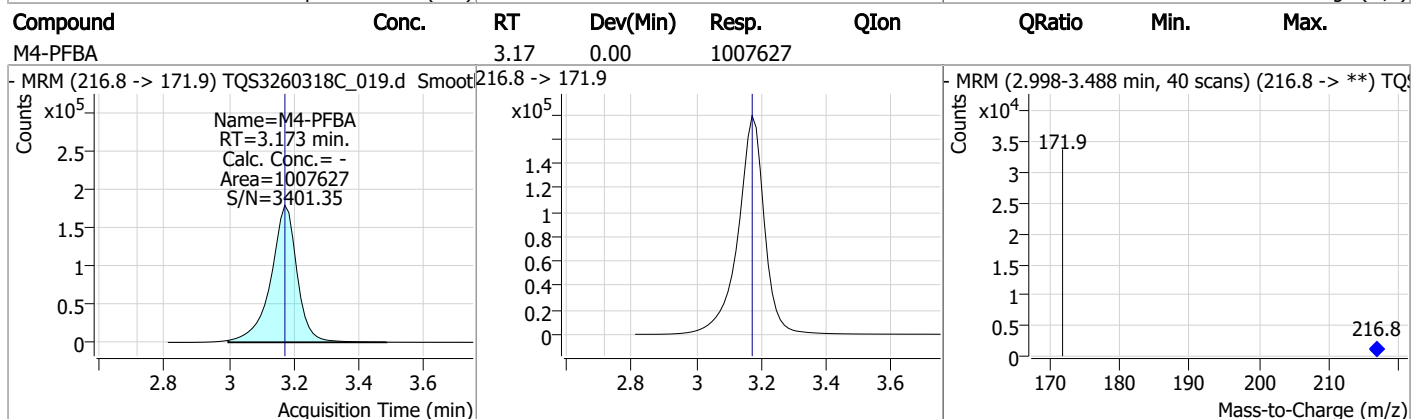
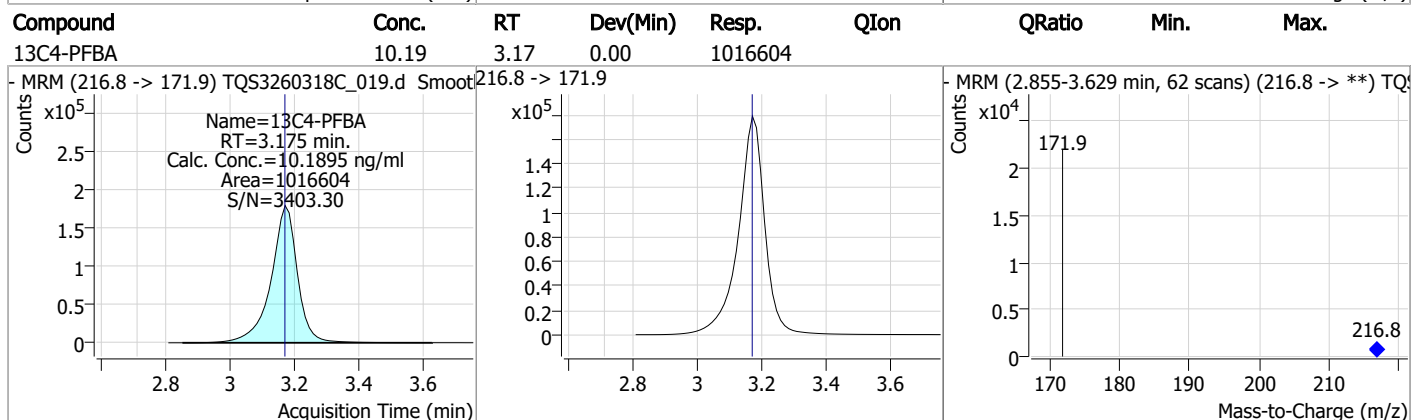
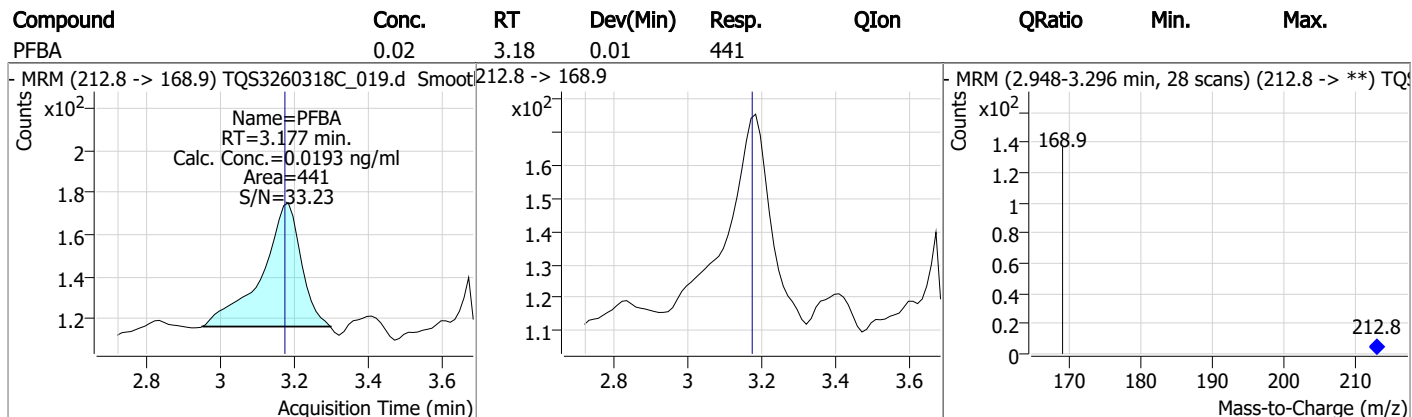
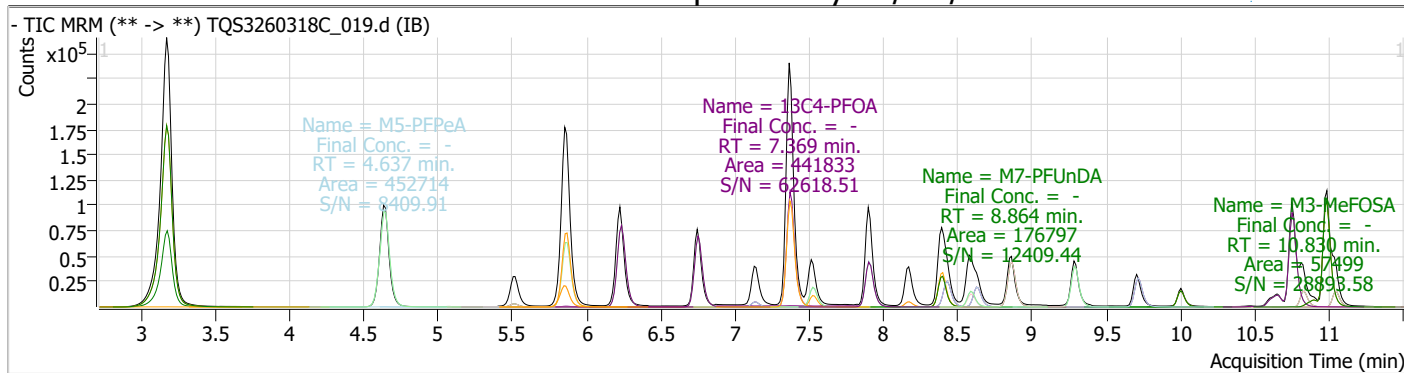
QValue

11CI-PF3OUdS	-	630.9 -> 450.9	-	-	N.D.		
TDCA	-	498.9 -> 79.9	-	-	N.D.		
3:3 FTCA	-	241.0 -> 177.0	-	-	N.D.		
4:2FTS	-	327.1 -> 307.0	-	-	N.D.		
5:3 FTCA	-	341.0 -> 237.1	-	-	N.D.		
6:2FTS	-	427.1 -> 407.0	-	-	N.D.		
7:3 FTCA	-	441.0 -> 316.9	-	-	N.D.		
8:2FTS	-	527.1 -> 507.0	-	-	N.D.		
9CI-PF3ONS	8.930	530.8 -> 351.0	204		0.00	ng/ml	44
ADONA	-	376.9 -> 250.9	-	-	N.D.		
EtFOSA	11.072	526.0 -> 219.0	43		0.00	ng/ml	# 34
EtFOSAA	-	584.2 -> 419.1	-	-	N.D.		
EtFOSE	-	630.0 -> 58.9	-	-	N.D.		
FOSA	9.721	498.1 -> 77.9	179		0.00	ng/ml	85
HFPO-DA	6.224	284.9 -> 168.9	112		0.00	ng/ml	73
MeFOSA	-	511.9 -> 219.0	-	-	N.D.		
MeFOSAA	-	570.1 -> 419.0	-	-	N.D.		
MeFOSE	10.783	616.1 -> 58.9	64		0.00	ng/ml	100
NFDHA	-	295.0 -> 201.0	-	-	N.D.		
PFBA	3.177	212.8 -> 168.9	441		0.02	ng/ml	100

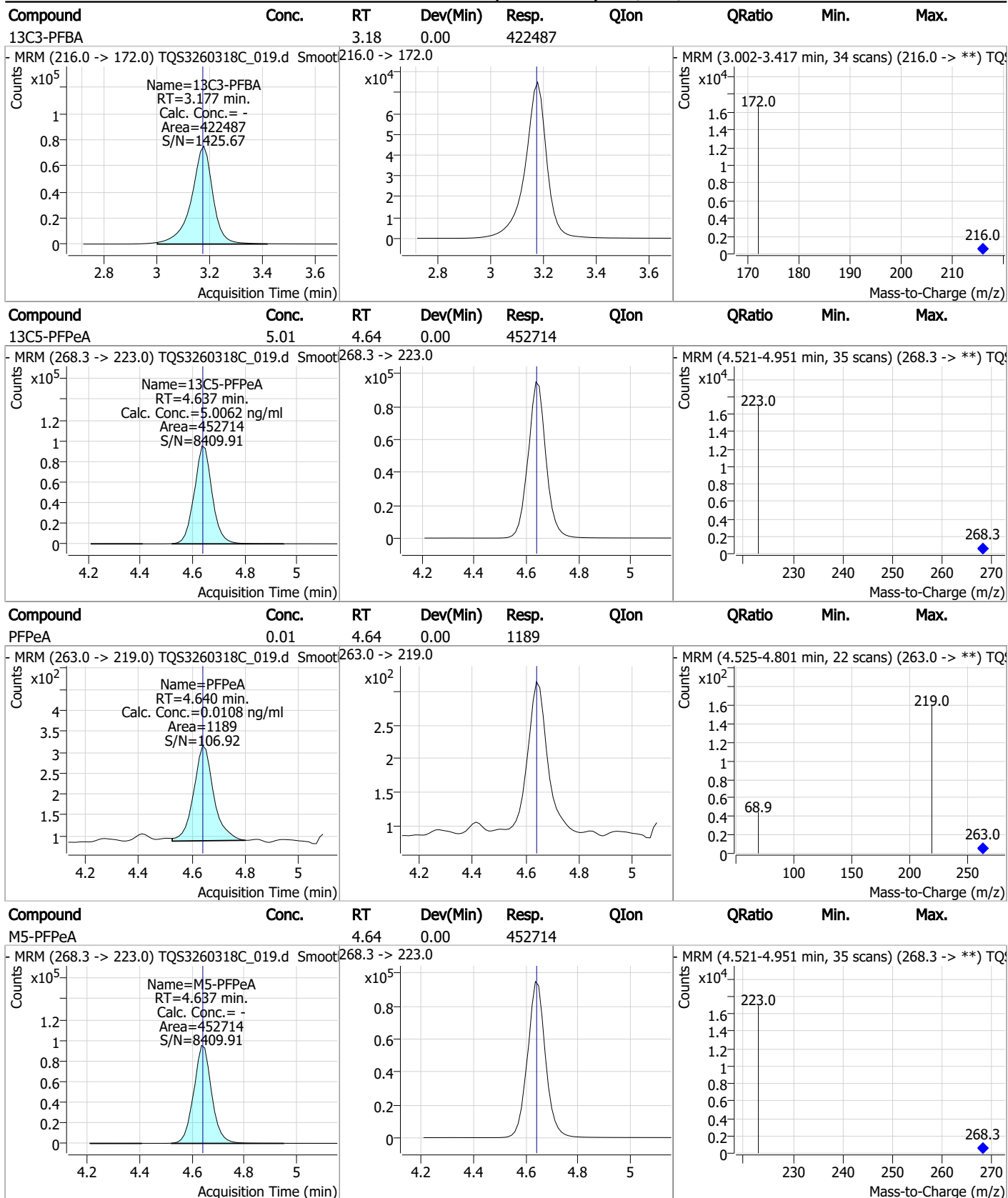
Perfluorinated Compounds by LC/MS/MS

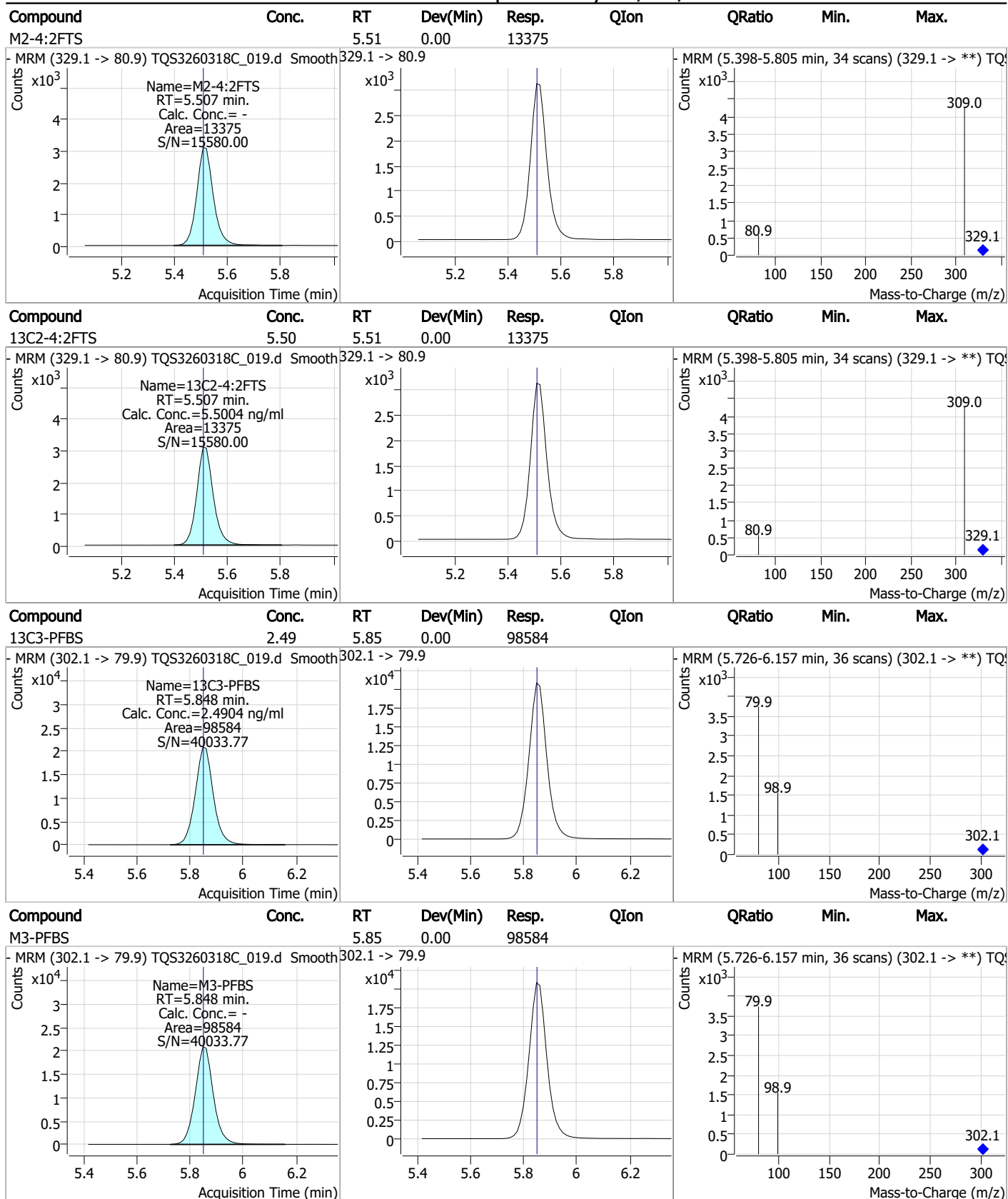
Compound	RT	QIon	Resp.	Symmetry	Conc.	Units	Dev(Min)
PFBS	-	298.7 -> 79.9	-	-	N.D.		
PFDA	8.398	512.9 -> 469.0	1161		0.01 ng/ml		57
PFDoDA	9.284	613.1 -> 569.0	332		0.00 ng/ml		66
PFDoDS	-	699.1 -> 79.9	-	-	N.D.		
PFDS	-	599.0 -> 79.9	-	-	N.D.		
PFEESA	-	314.8 -> 134.9	-	-	N.D.		
PFHpA	6.739	363.1 -> 319.0	324		0.00 ng/ml		85
PFHpS	-	449.0 -> 79.9	-	-	N.D.		
PFHxA	5.859	313.0 -> 269.0	2983		0.02 ng/ml		98
PFHxS	7.504	398.7 -> 79.9	334		0.01 ng/ml		87
PFMBA	-	279.0 -> 85.1	-	-	N.D.		
PFMPA	-	229.0 -> 84.9	-	-	N.D.		
PFNA	7.914	463.0 -> 419.0	519		0.00 ng/ml		53
PFNS	-	548.8 -> 79.9	-	-	N.D.		
PFOA	7.371	413.0 -> 369.0	1721		0.01 ng/ml	#	73
PFOS	-	498.9 -> 79.9	-	-	N.D.		
PFPeA	4.640	263.0 -> 219.0	1189		0.01 ng/ml		100
PFPeS	-	349.1 -> 79.9	-	-	N.D.		
PFTeDA	10.002	713.1 -> 669.0	193		0.00 ng/ml		71
PFTTrDA	9.656	663.0 -> 619.0	296		0.00 ng/ml		73
PFUnDA	8.865	563.1 -> 519.0	107		0.00 ng/ml		57

= Qualifier out of range, m = manually integrated, + = Area summed

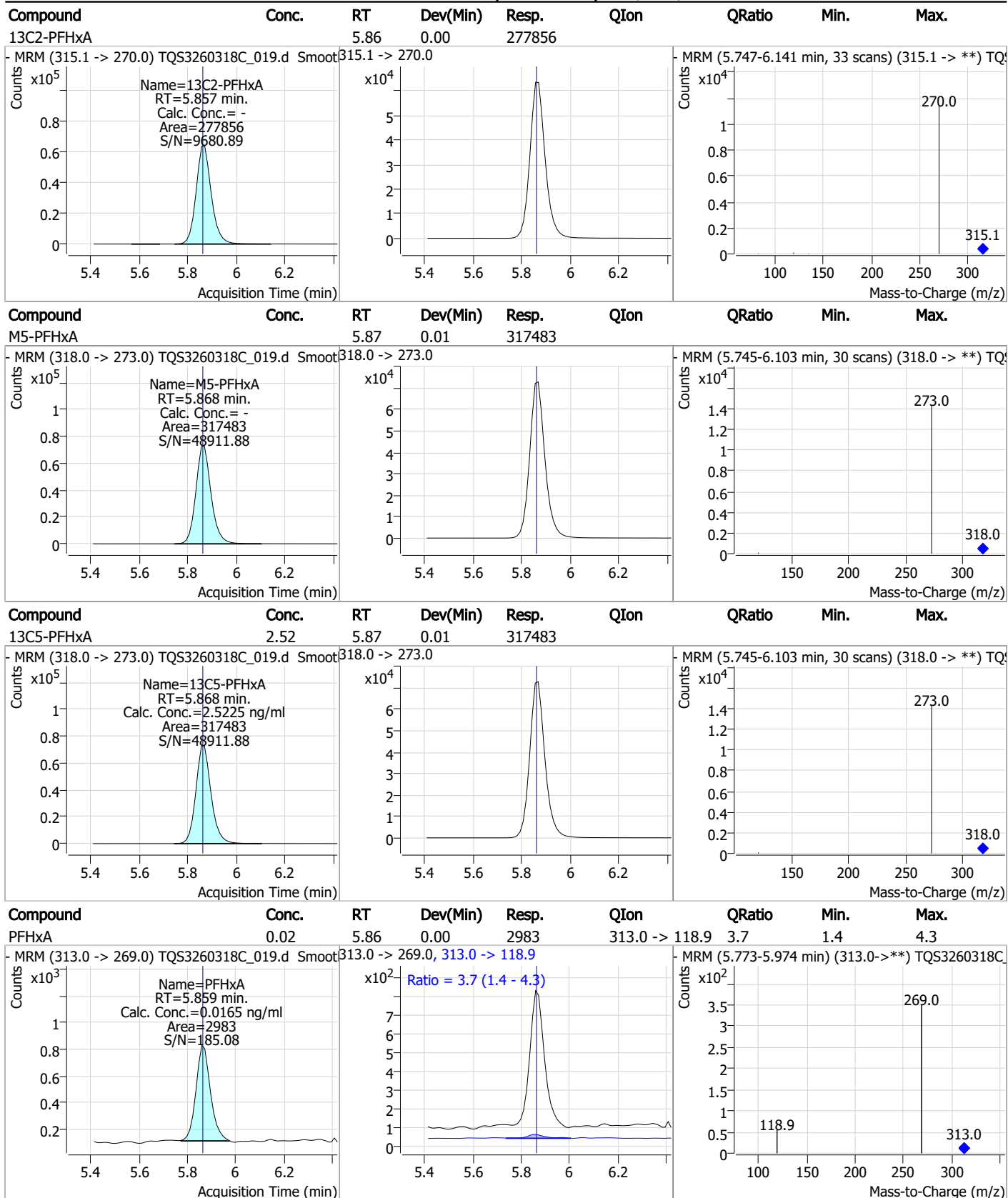


Perfluorinated Compounds by LC/MS/MS

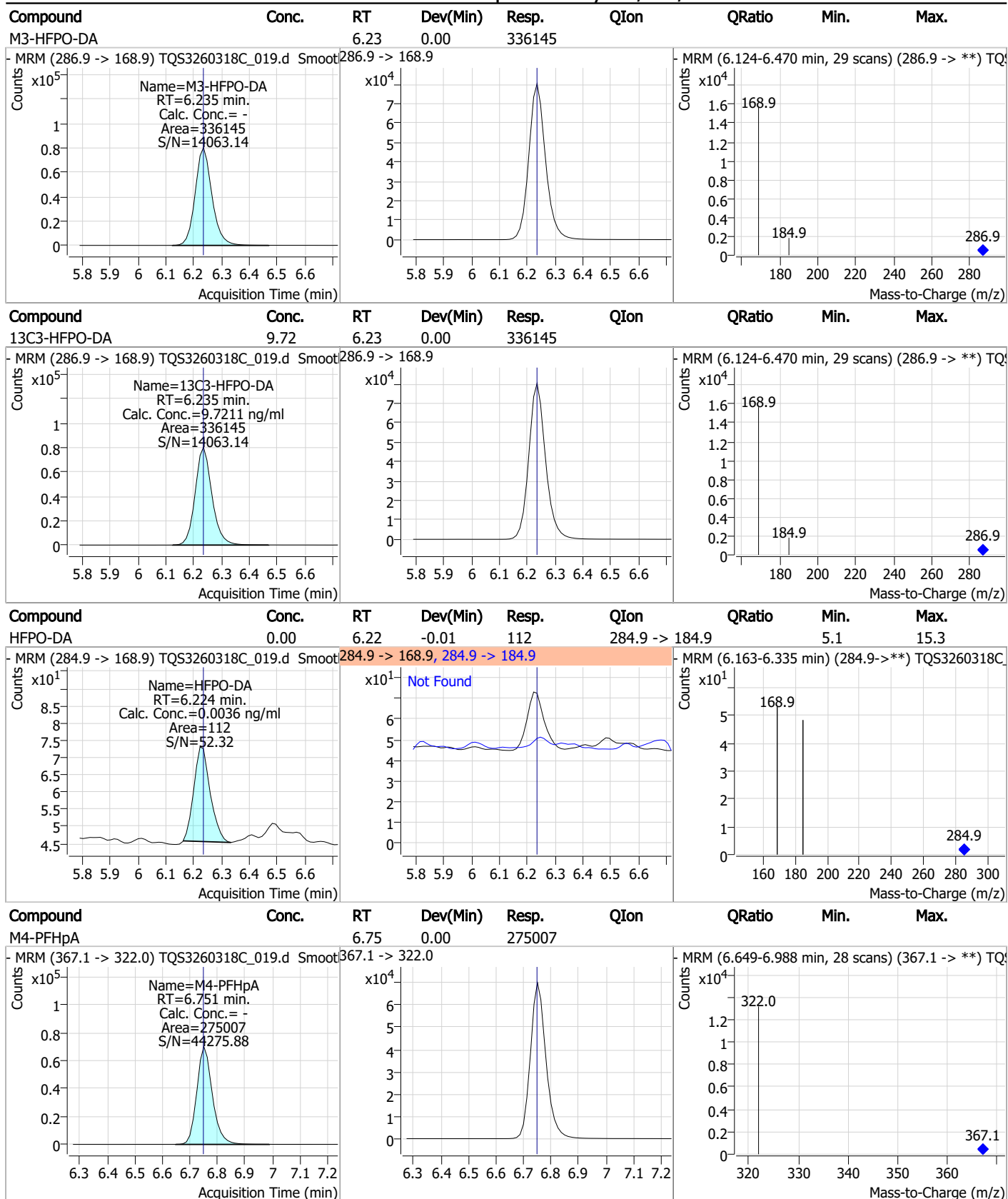




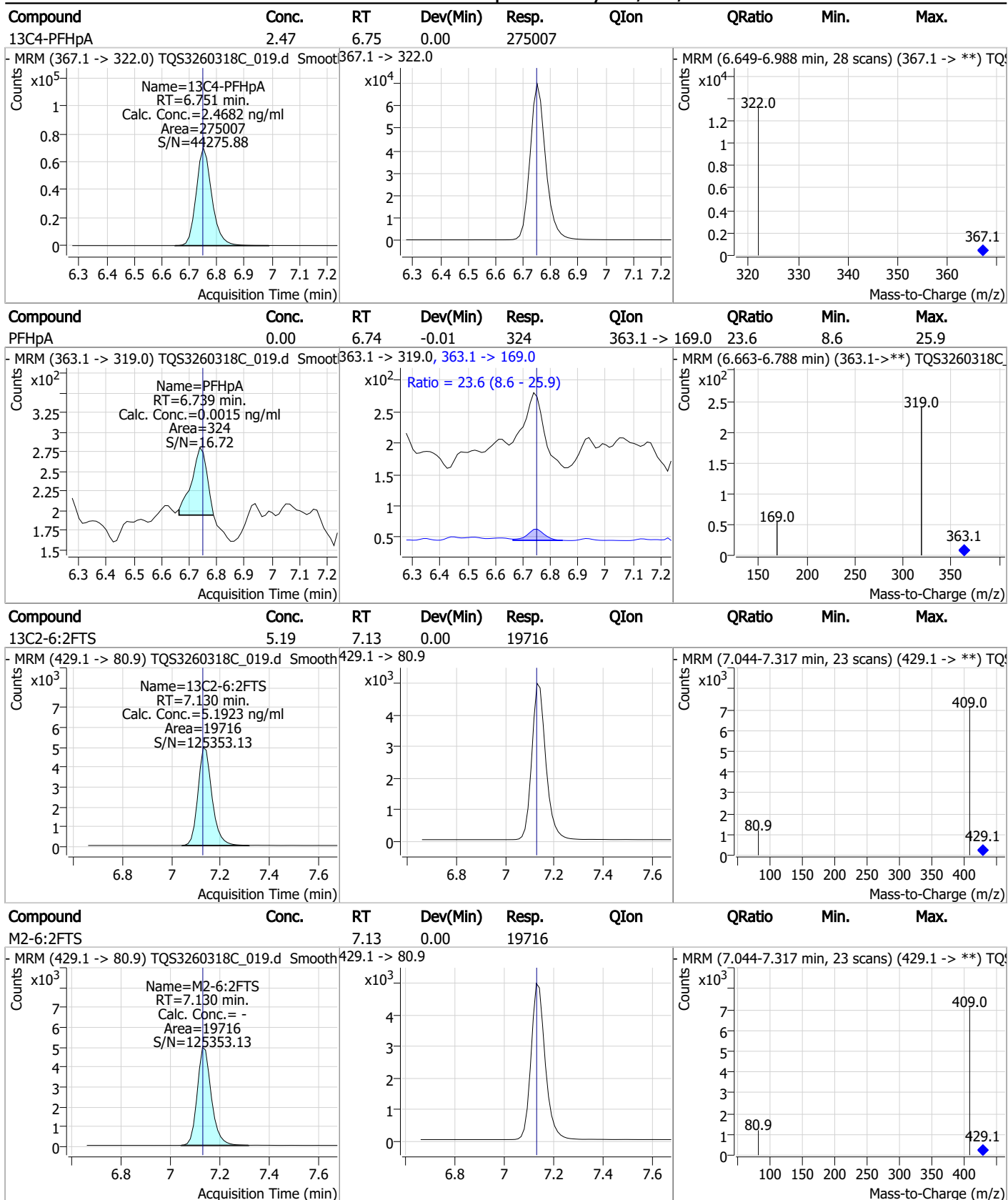
Perfluorinated Compounds by LC/MS/MS



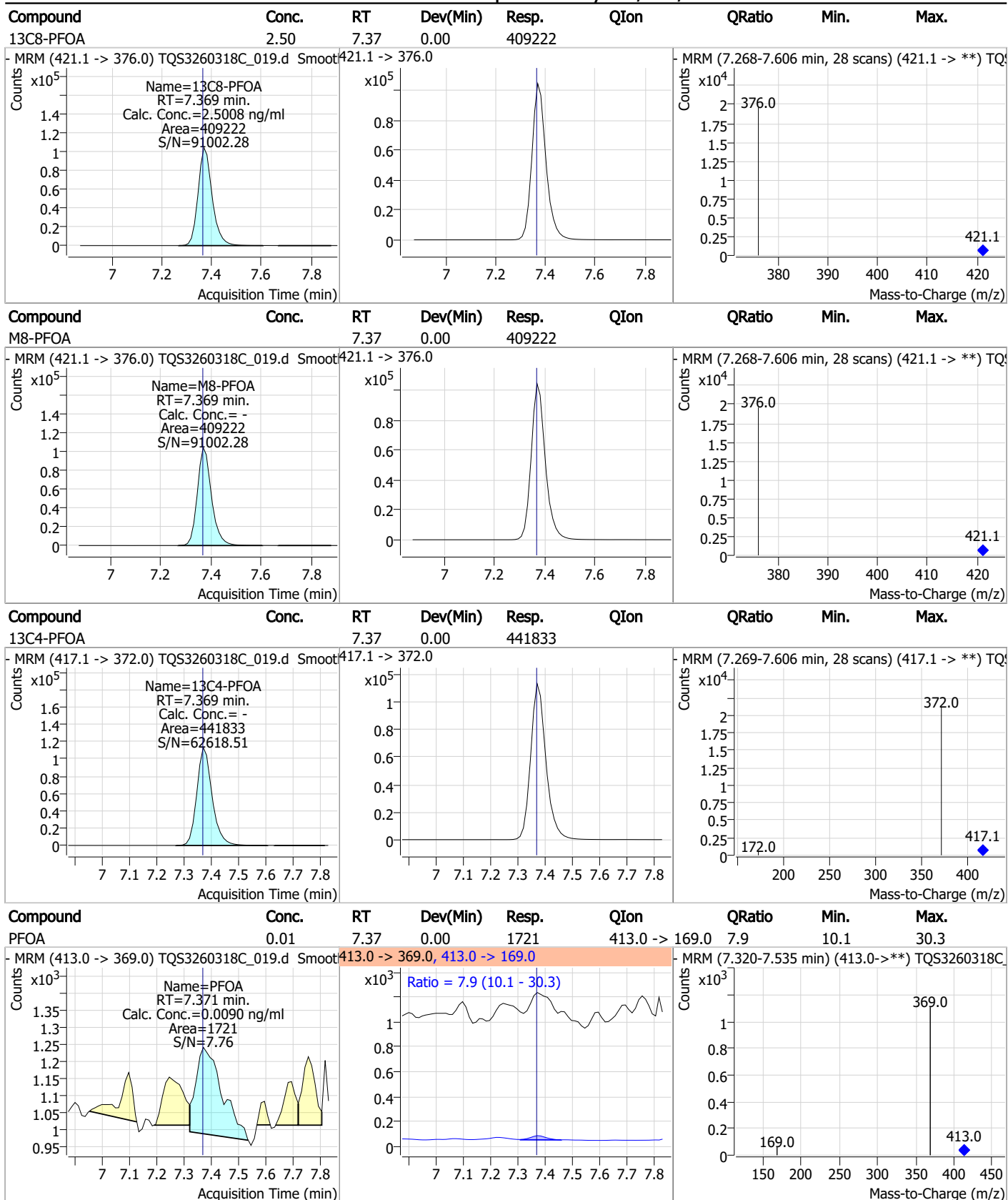
Perfluorinated Compounds by LC/MS/MS



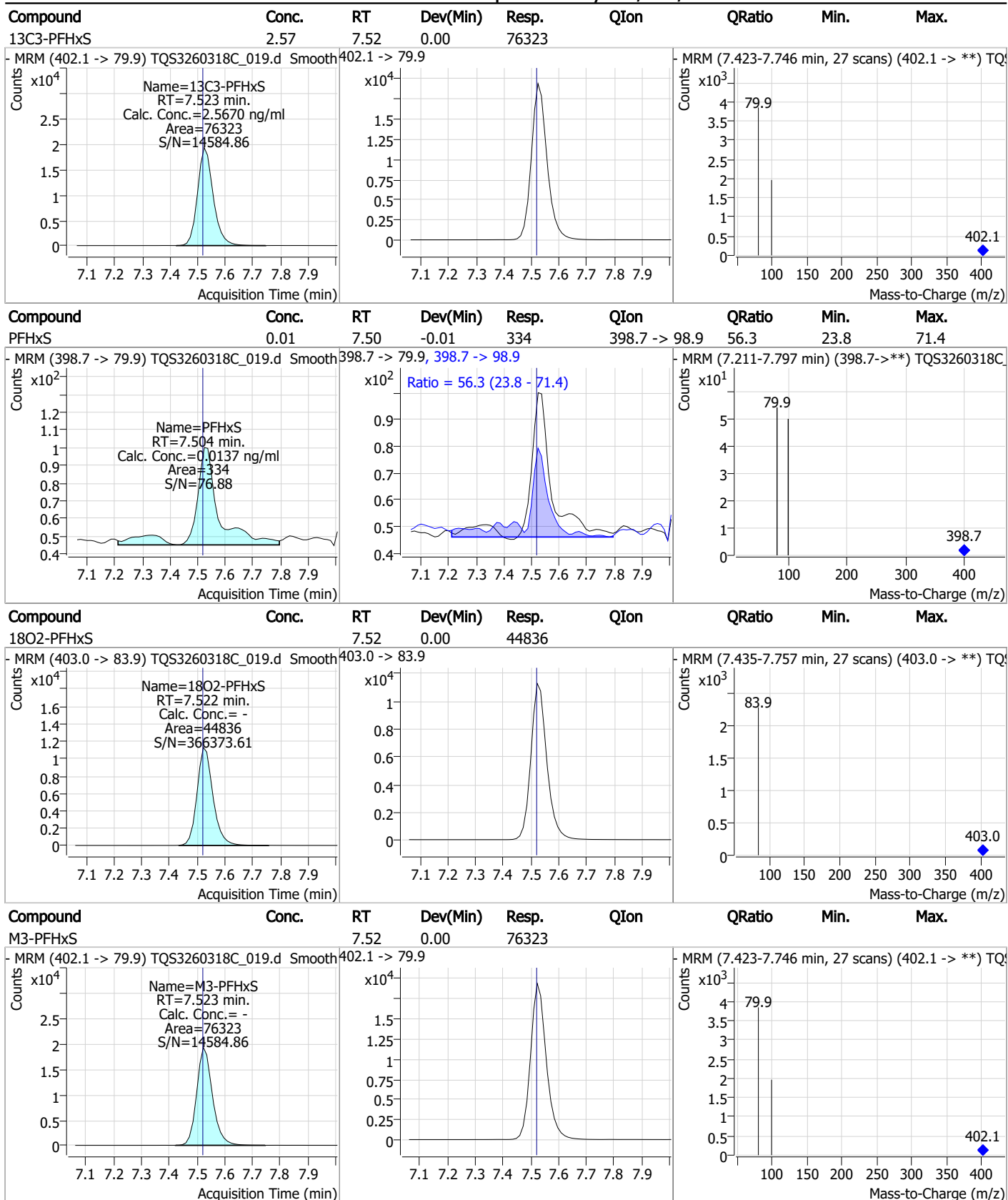
Perfluorinated Compounds by LC/MS/MS



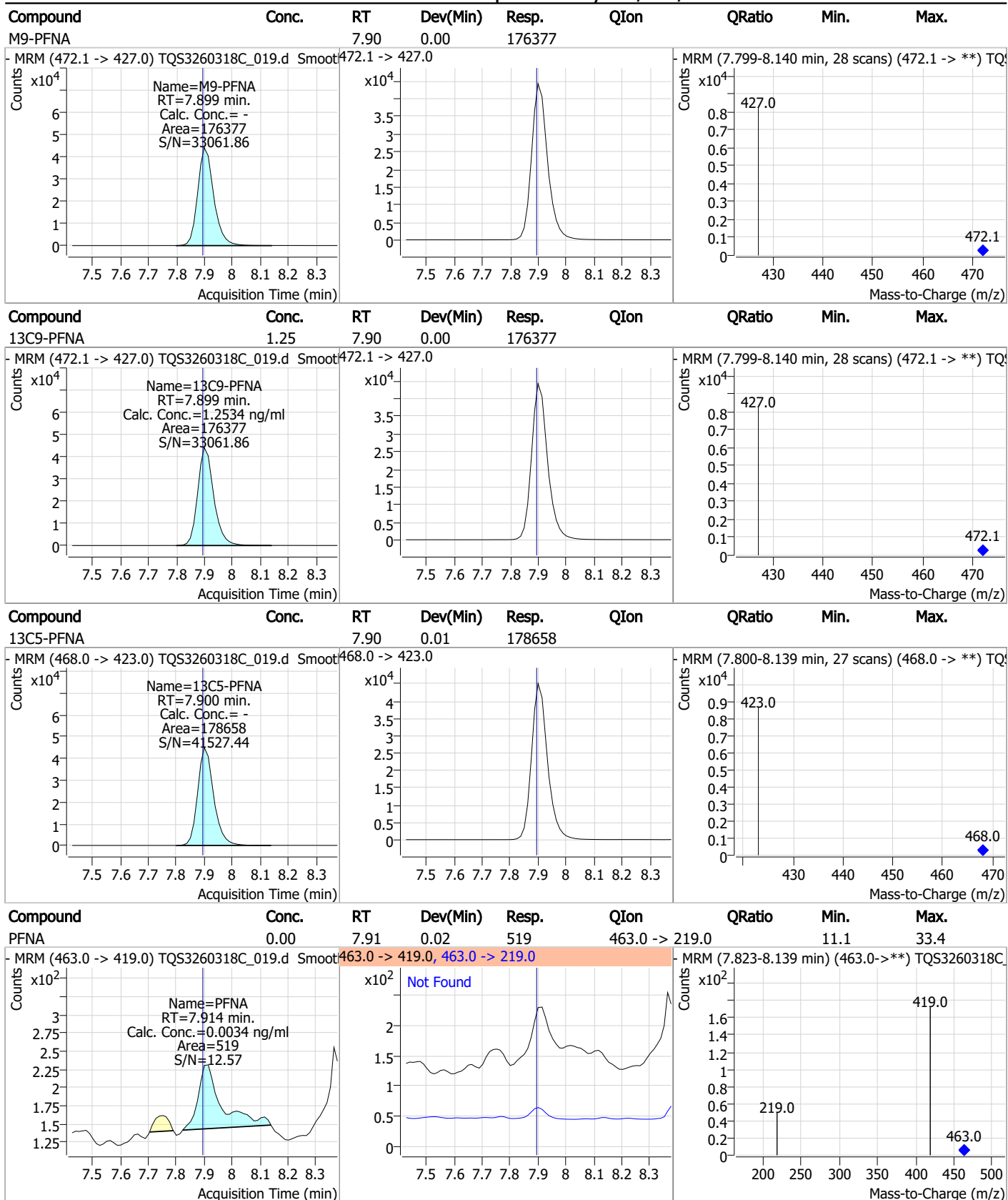
Perfluorinated Compounds by LC/MS/MS



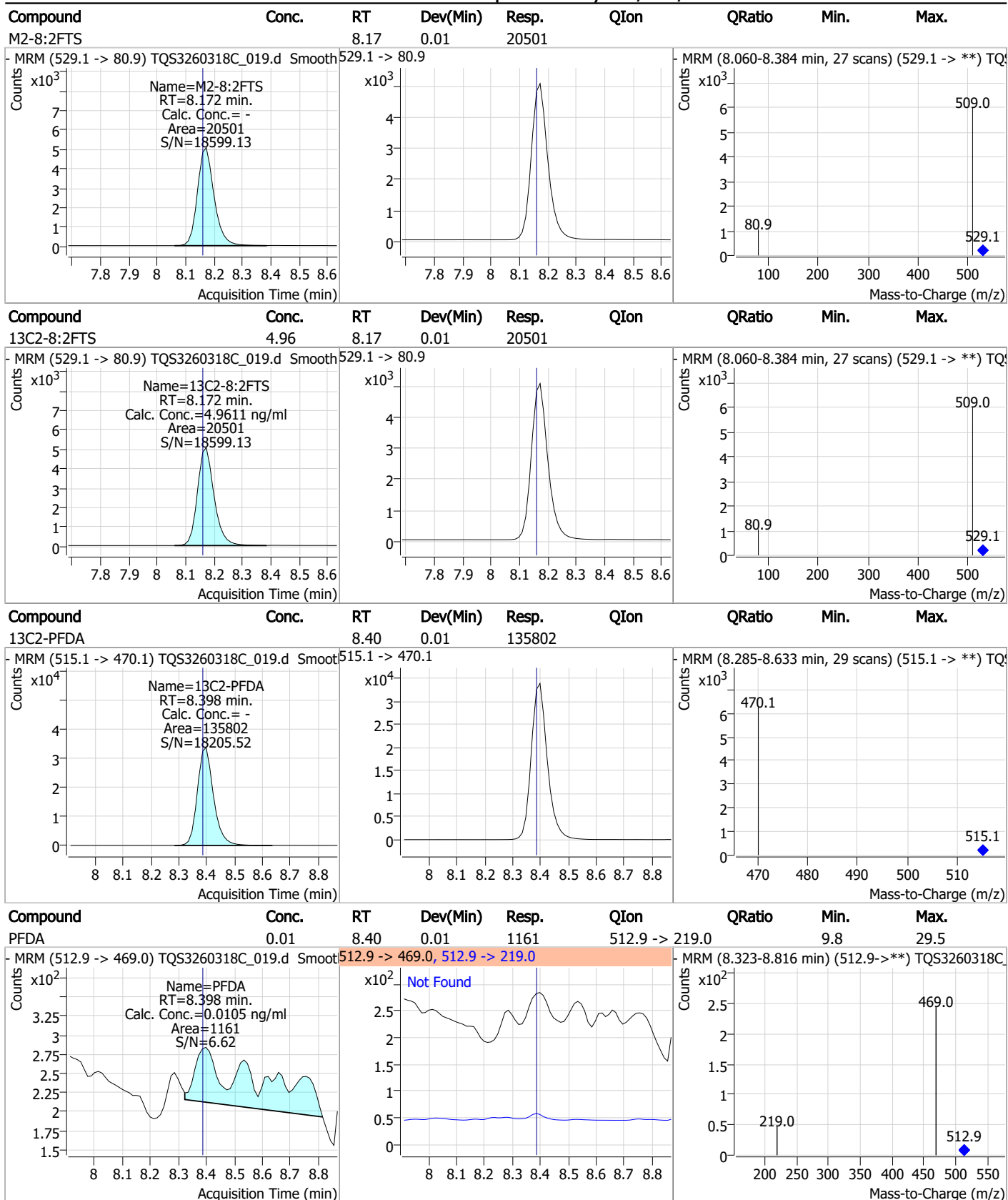
Perfluorinated Compounds by LC/MS/MS



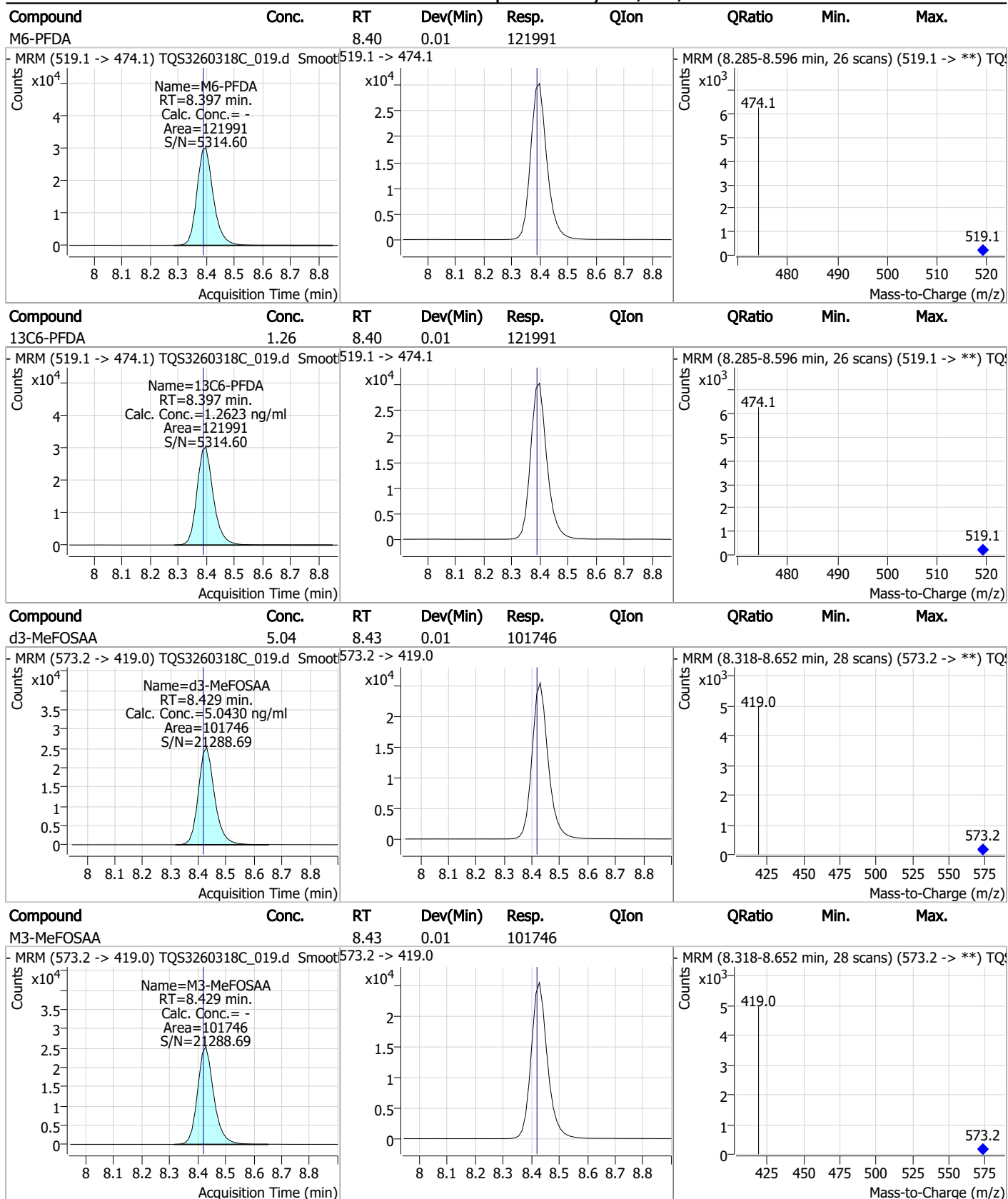
Perfluorinated Compounds by LC/MS/MS



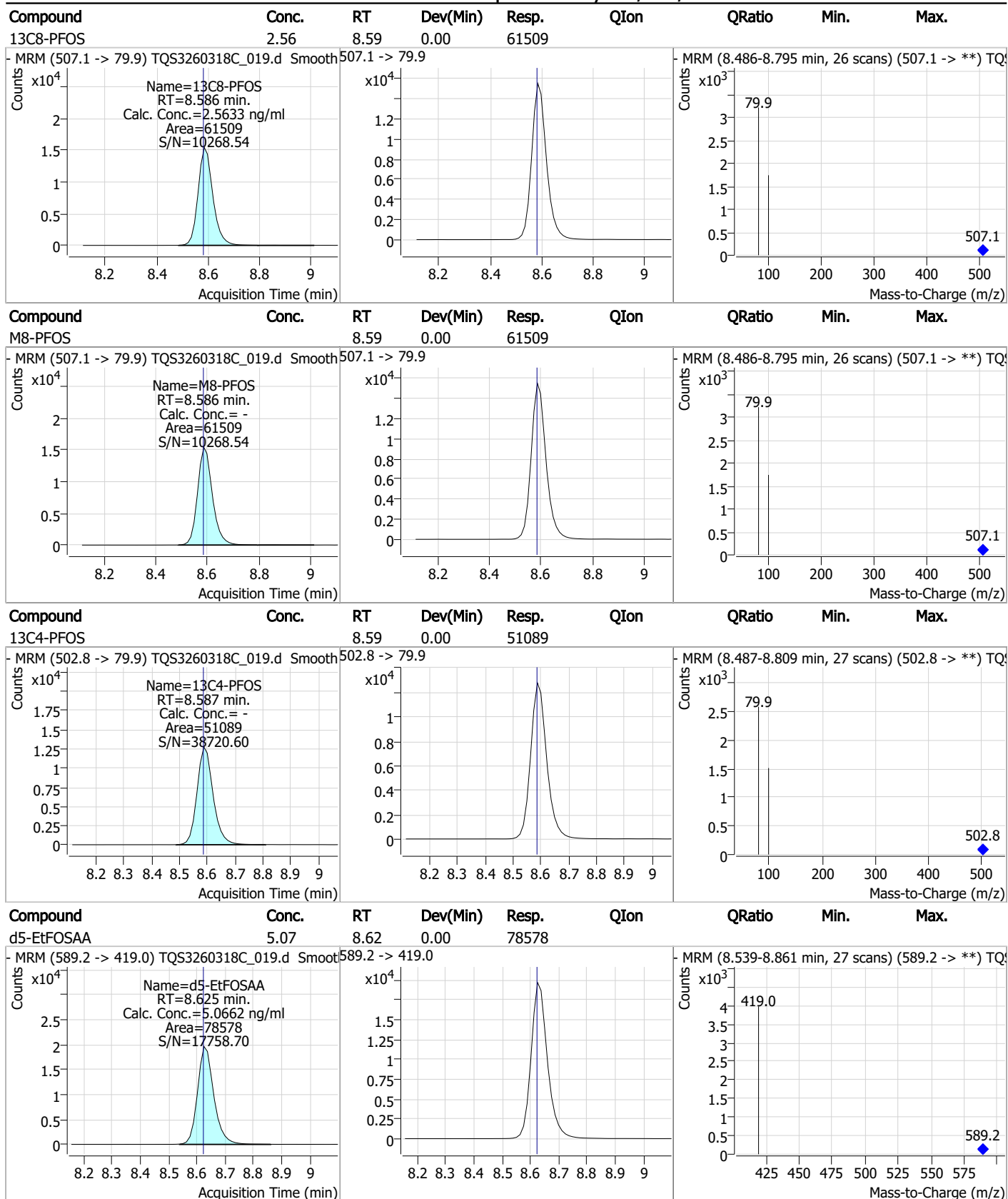
Perfluorinated Compounds by LC/MS/MS



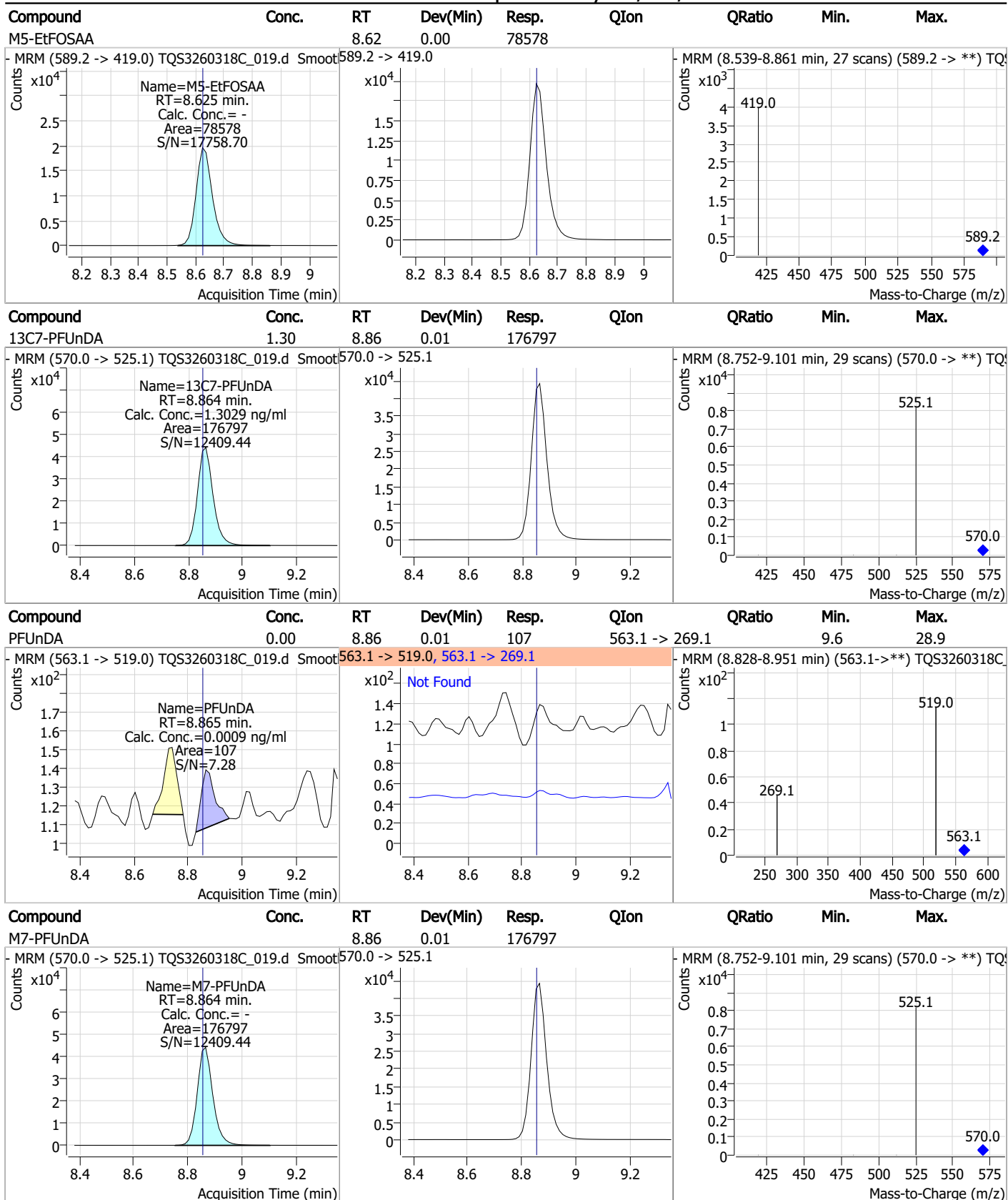
Perfluorinated Compounds by LC/MS/MS



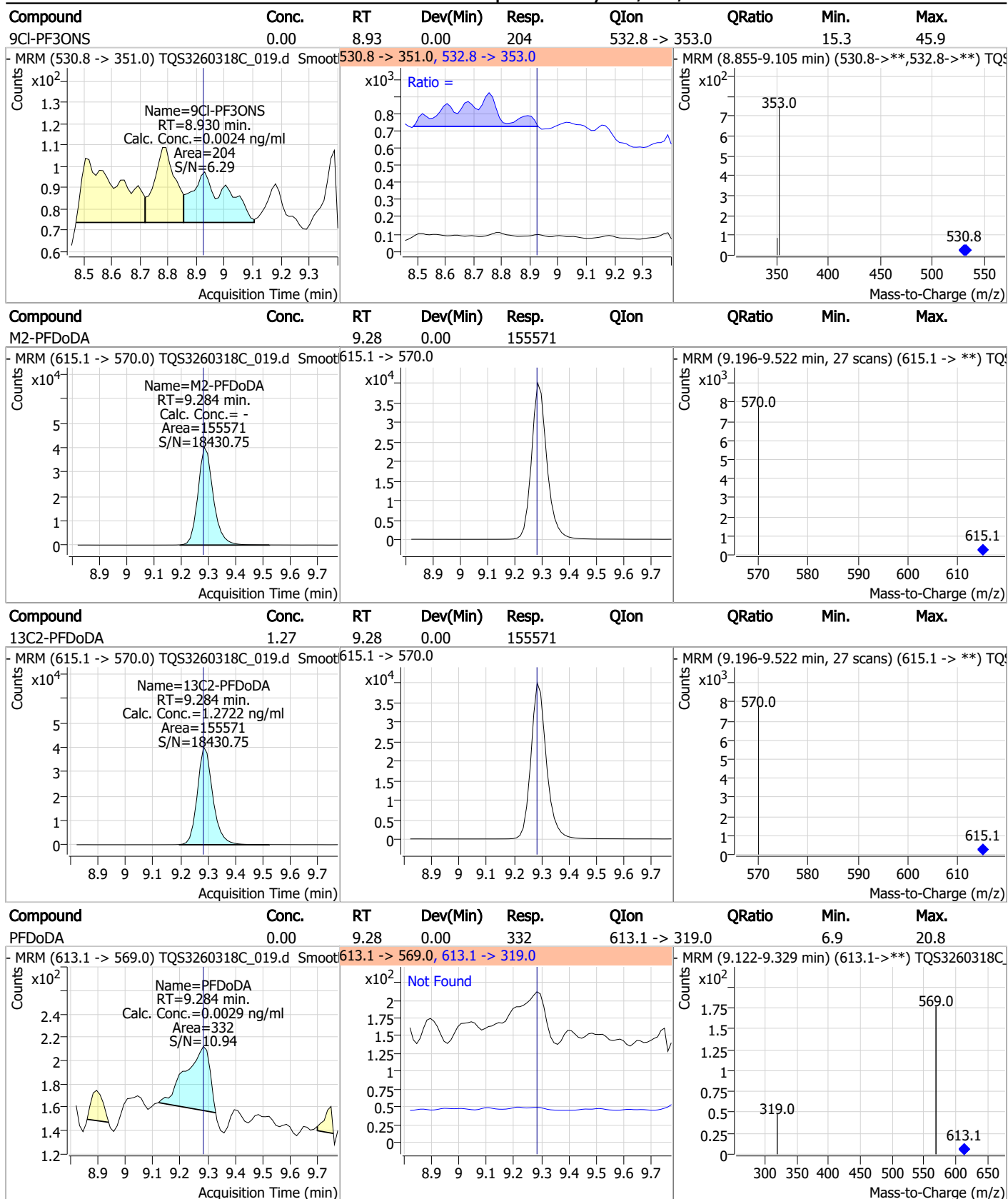
Perfluorinated Compounds by LC/MS/MS



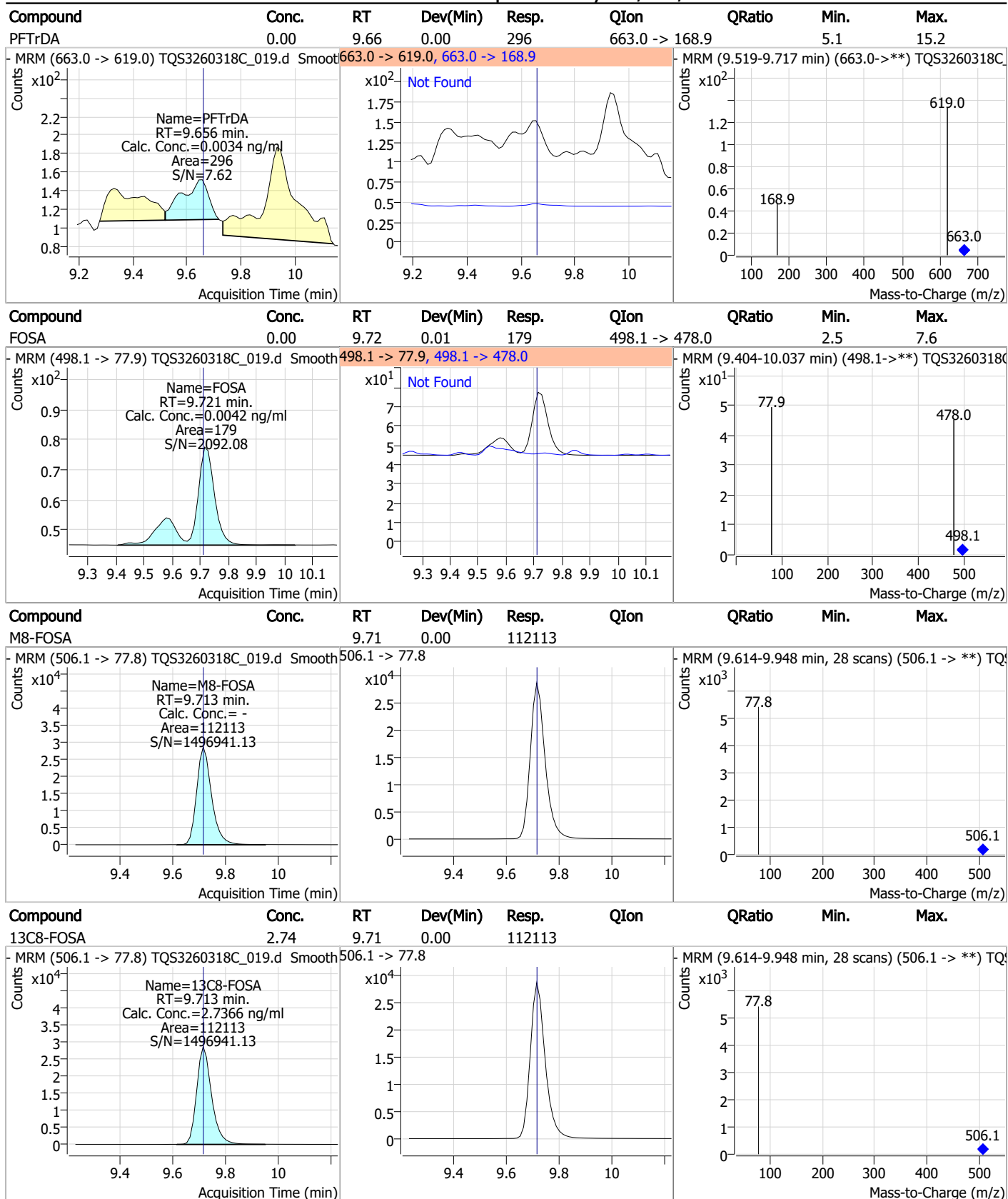
Perfluorinated Compounds by LC/MS/MS



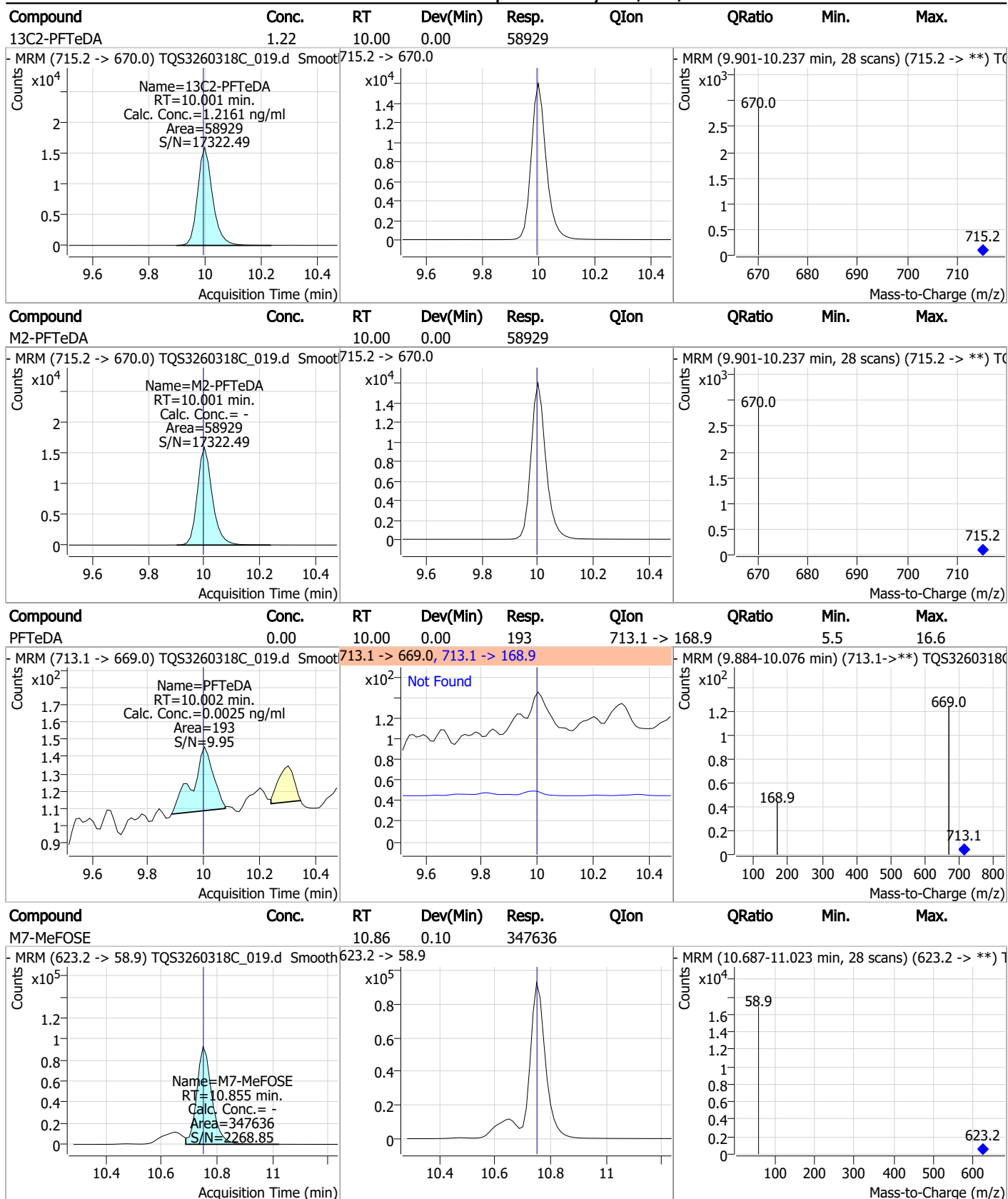
Perfluorinated Compounds by LC/MS/MS



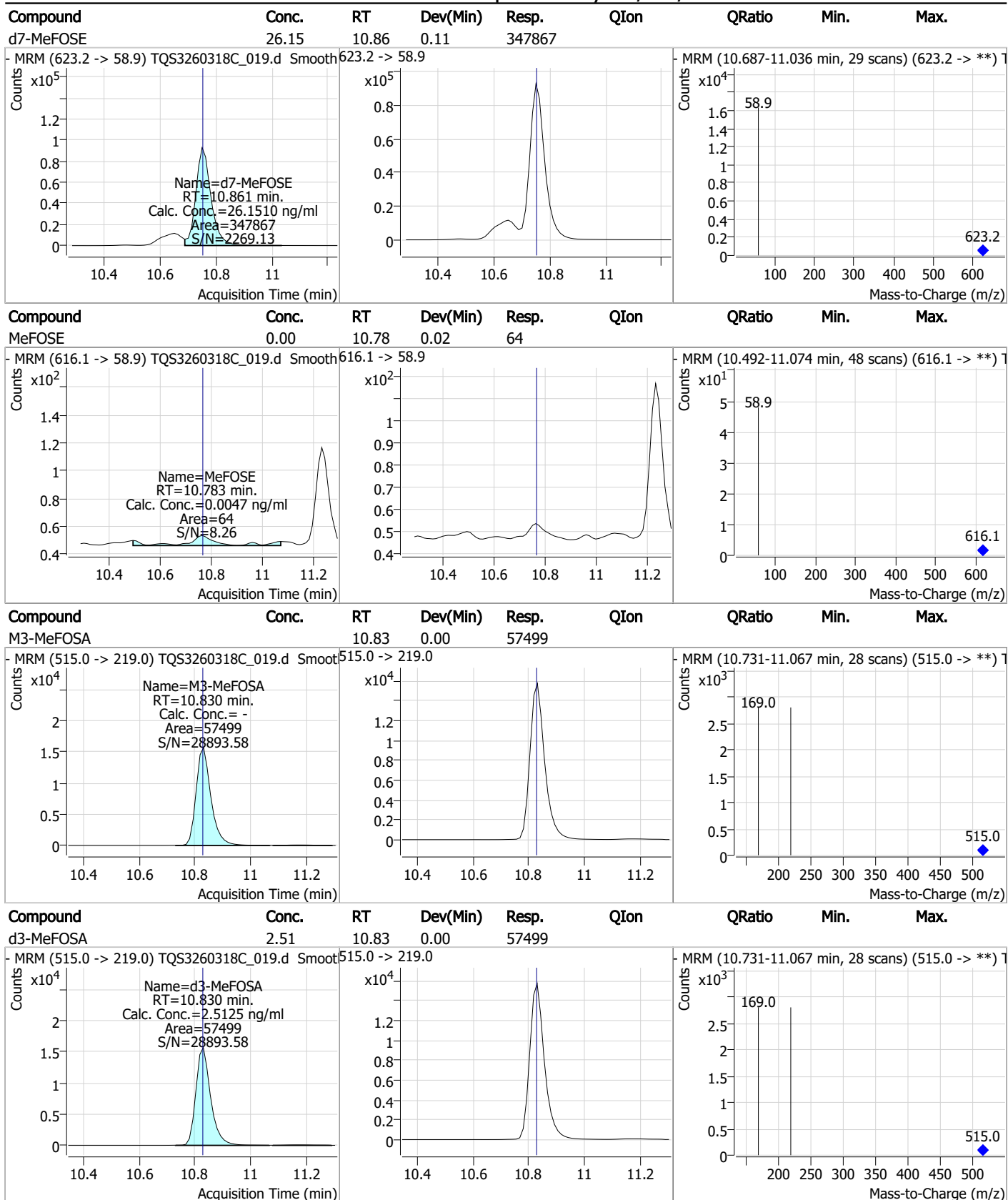
Perfluorinated Compounds by LC/MS/MS



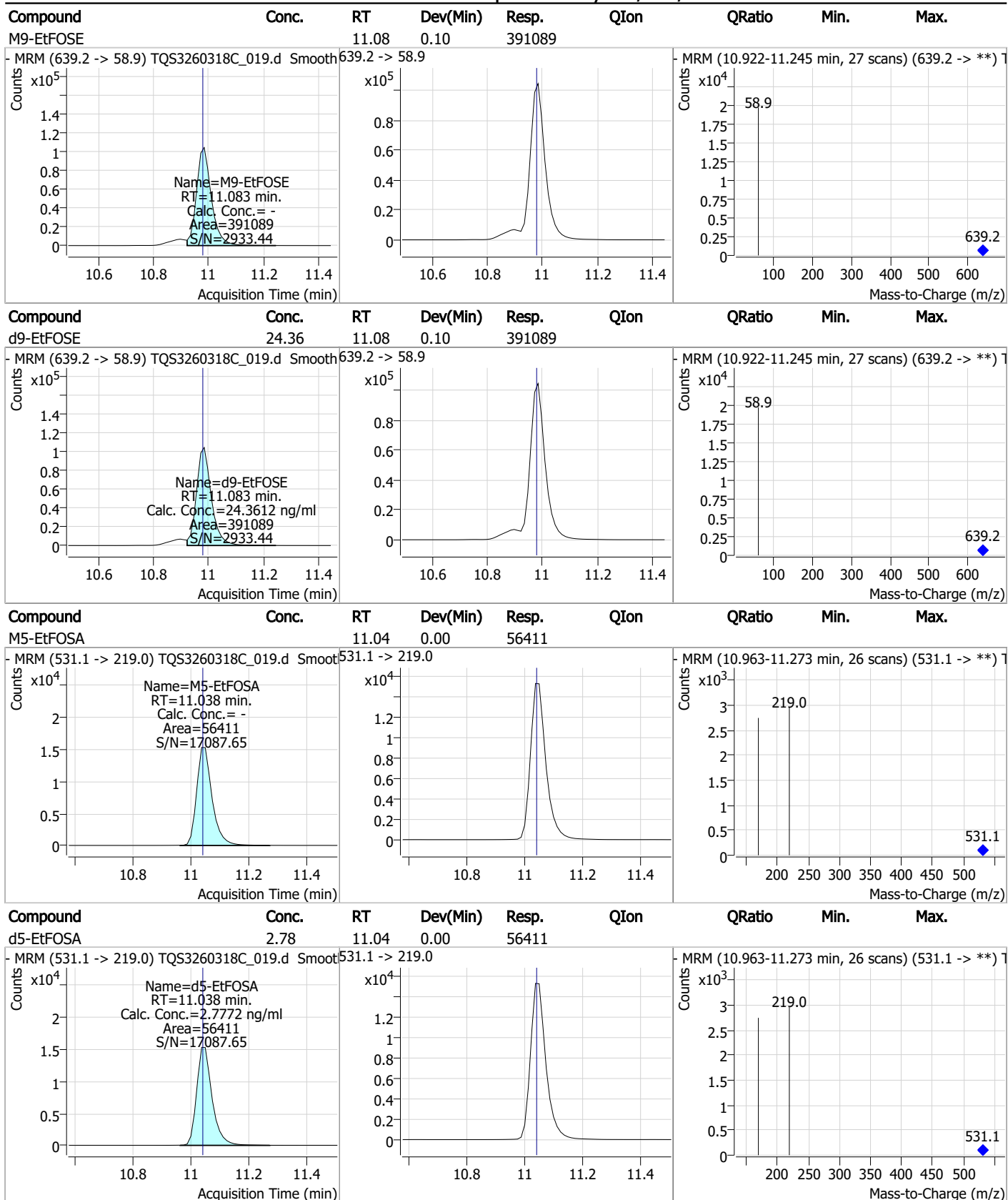
Perfluorinated Compounds by LC/MS/MS

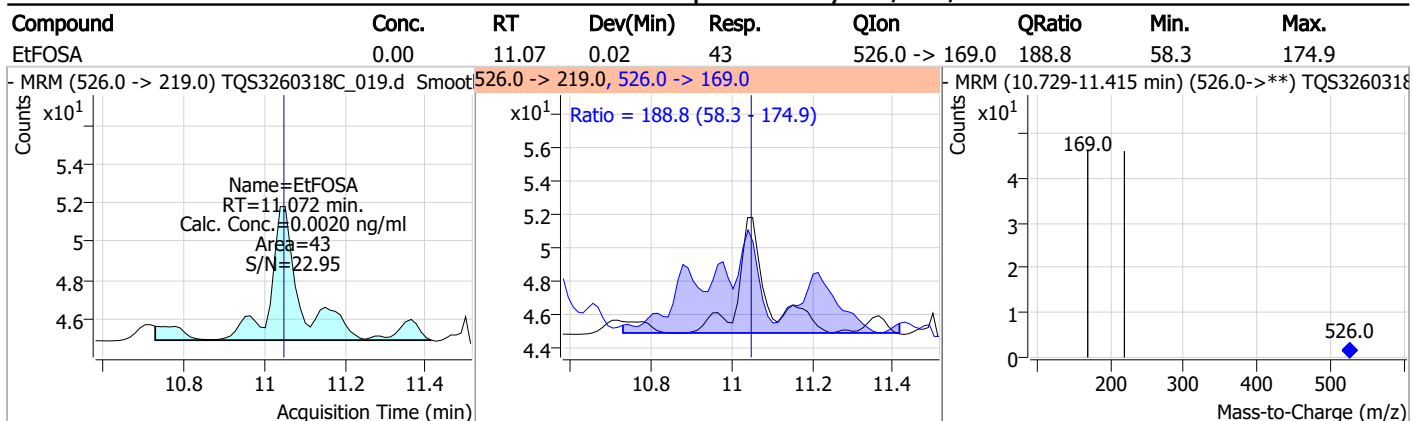


Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS





2

Data File : TQS3260318C_020.d
 Operator
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/18/2026 10:26:55 PM
 Sample Name : SENS. CHK
 Vial : P3-A3
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3913_ICAL_C_1633.batch.bin
 Sample Information : AXYS A 0.05ng/mL (SENS. CHK)

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Internal Standards						
13C2-PFDA	8.398	515.1 -> 470.1	132591		1.25 ng/ml	0.012
13C2-PFHxA	5.857	315.1 -> 270.0	273400		2.50 ng/ml	-0.004
13C3-PFBA	3.165	216.0 -> 172.0	424476		5.00 ng/ml	-0.009
13C4-PFOA	7.369	417.1 -> 372.0	441187		2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	53615		2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	171386		1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	43799		2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	13318		5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	19441		5.00 ng/ml	-0.001
M2-8:2FTS	8.172	529.1 -> 80.9	21693		5.00 ng/ml	0.012
M2-PFDoDA	9.284	615.1 -> 570.0	153517		1.25 ng/ml	0.003
M2-PFTeDA	10.001	715.2 -> 670.0	59844		1.25 ng/ml	0.004
M3-HFPO-DA	6.223	286.9 -> 168.9	322580		10.00 ng/ml	-0.012
M3-MeFOSA	10.830	515.0 -> 219.0	56469		2.50 ng/ml	0.003
M3-MeFOSAA	8.429	573.2 -> 419.0	103630		5.00 ng/ml	0.009
M3-PFBS	5.848	302.1 -> 79.9	96234		2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	74256		2.50 ng/ml	0.002
M4-PFBA	3.173	216.8 -> 171.9	991580		10.00 ng/ml	0.000
M4-PFHpA	6.751	367.1 -> 322.0	276381		2.50 ng/ml	0.002
M5-EtFOSA	11.050	531.1 -> 219.0	54016		2.50 ng/ml	0.009
M5-EtFOSAA	8.625	589.2 -> 419.0	76874		5.00 ng/ml	-0.001
M5-PFHxA	5.856	318.0 -> 273.0	318898		2.50 ng/ml	-0.006
M5-PFPeA	4.637	268.3 -> 223.0	447449		5.00 ng/ml	-0.005
M6-PFDA	8.385	519.1 -> 474.1	126432		1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	322205		25.00 ng/ml	0.105
M7-PFUnDA	8.864	570.0 -> 525.1	173104		1.25 ng/ml	0.010
M8-FOSA	9.713	506.1 -> 77.8	111667		2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	405449		2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	63108		2.50 ng/ml	0.001
M9-EtFOSE	11.083	639.2 -> 58.9	391794		25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	176296		1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	13318		5.61 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 112.1%	
13C2-6:2FTS	7.130	429.1 -> 80.9	19441		5.24 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 104.8%	
13C2-8:2FTS	8.172	529.1 -> 80.9	21693		5.37 ng/ml	0.012
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 107.5%	
13C2-PFDoDA	9.284	615.1 -> 570.0	153517		1.29 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 102.9%	
13C2-PFTeDA	10.001	715.2 -> 670.0	59844		1.26 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 101.2%	
13C3-HFPO-DA	6.223	286.9 -> 168.9	322580		9.48 ng/ml	-0.012
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 94.8%	
d3-MeFOSA	10.830	515.0 -> 219.0	56469		2.35 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 94.1%	
d3-MeFOSAA	8.429	573.2 -> 419.0	103630		4.89 ng/ml	0.012
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 97.9%	
13C3-PFBs	5.848	302.1 -> 79.9	96234		2.49 ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 99.5%	
13C3-PFHxS	7.523	402.1 -> 79.9	74256		2.56 ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 102.3%	
13C4-PFBA	3.170	216.8 -> 171.9	998049		9.96 ng/ml	-0.003
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 99.6%	
13C4-PFHpA	6.751	367.1 -> 322.0	276381		2.52 ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.8%	
d5-EtFOSA	11.050	531.1 -> 219.0	54016		2.53 ng/ml	0.009
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 101.4%	
d5-EtFOSAA	8.625	589.2 -> 419.0	76874		4.72 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 94.5%	
13C5-PFHxA	5.856	318.0 -> 273.0	318898		2.57 ng/ml	-0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 103.0%	
13C5-PFPeA	4.637	268.3 -> 223.0	447449		5.03 ng/ml	-0.003
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 100.6%	
13C6-PFDA	8.385	519.1 -> 474.1	126432		1.34 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 107.2%	
d7-MeFOSE	10.861	623.2 -> 58.9	322363		23.09 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 92.4%	
13C7-PFUnDA	8.864	570.0 -> 525.1	173104		1.31 ng/ml	0.011
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 104.5%	
13C8-FOSA	9.713	506.1 -> 77.8	111667		2.60 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 103.9%	
13C8-PFOA	7.369	421.1 -> 376.0	405449		2.48 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 99.3%	
13C8-PFOS	8.586	507.1 -> 79.9	63108		2.51 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.2%	
d9-EtFOSE	11.083	639.2 -> 58.9	391794		23.26 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 93.0%	
13C9-PFNA	7.899	472.1 -> 427.0	176296		1.31 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 104.5%	

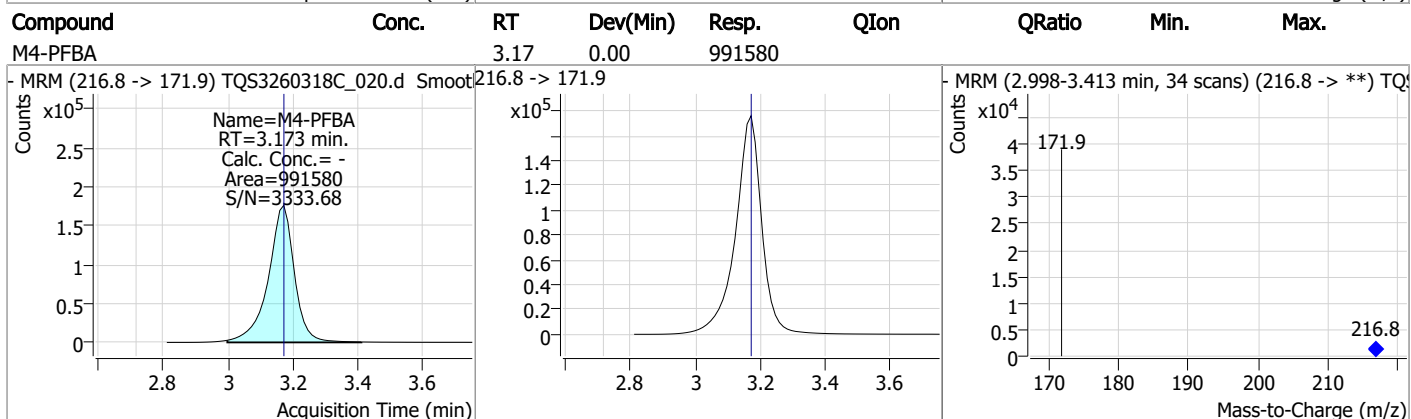
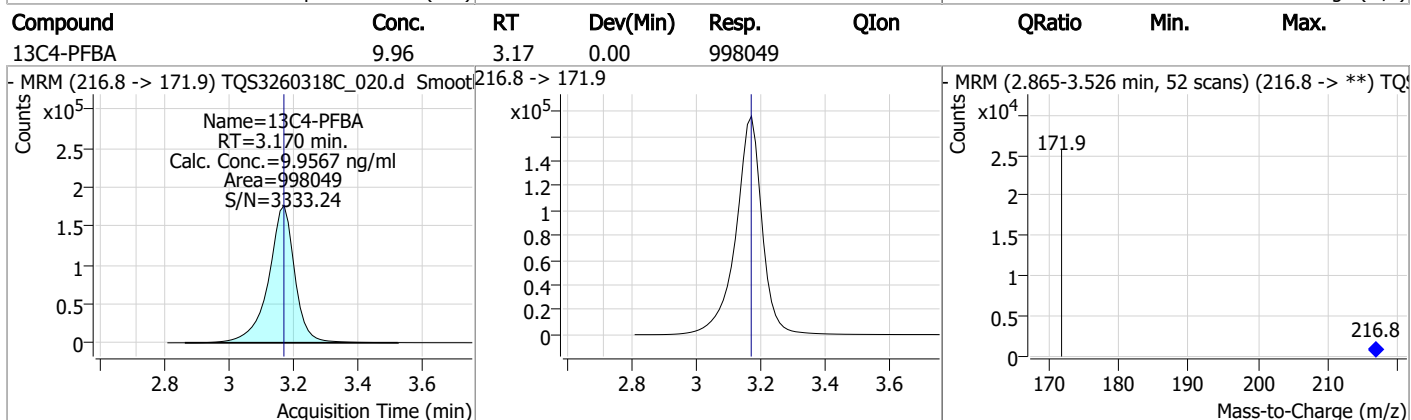
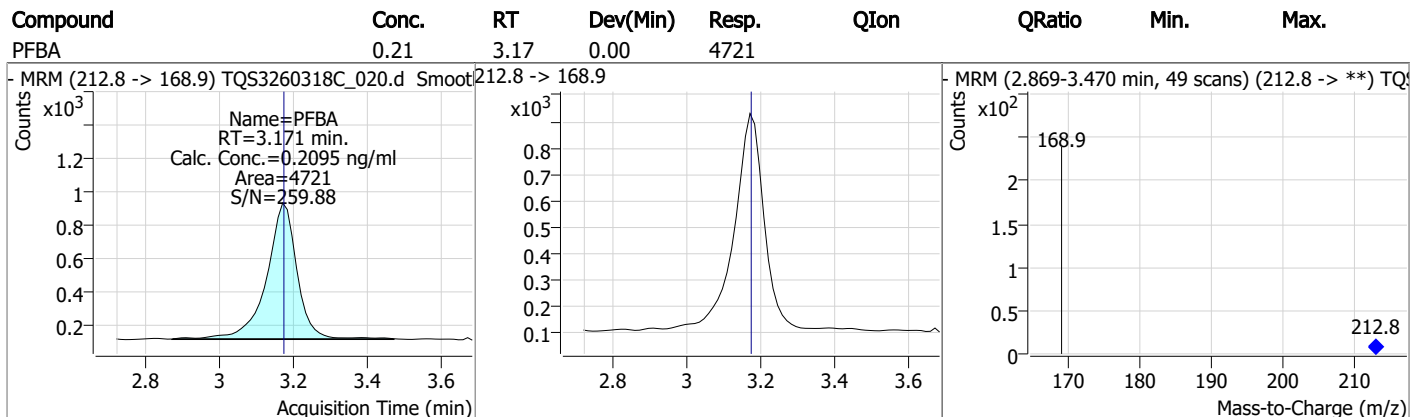
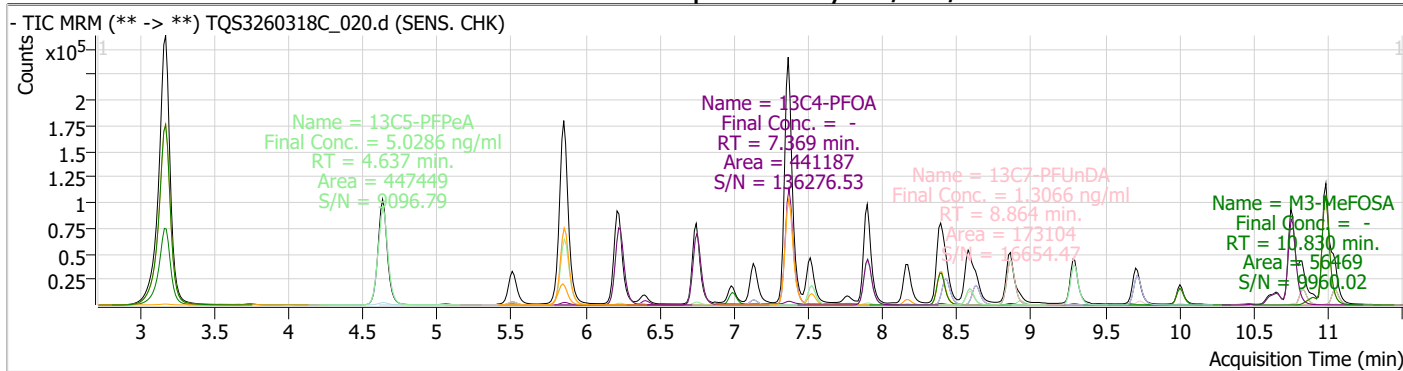
Target Compounds

						QValue
11CI-PF3OUdS	9.734	630.9 -> 450.9	14074		0.20 ng/ml	99
TDCA	-	498.9 -> 79.9	-	-	N.D.	
3:3 FTCA	3.997	241.0 -> 177.0	787		0.18 ng/ml	98
4:2FTS	5.508	327.1 -> 307.0	4564		0.19 ng/ml	99
5:3 FTCA	6.402	341.0 -> 237.1	17609		1.13 ng/ml	96
6:2FTS	7.131	427.1 -> 407.0	4078		0.17 ng/ml	98
7:3 FTCA	7.766	441.0 -> 316.9	7816		1.14 ng/ml	97
8:2FTS	8.172	527.1 -> 507.0	3712		0.15 ng/ml	91
9CI-PF3ONS	8.930	530.8 -> 351.0	16184		0.20 ng/ml	91
ADONA	6.987	376.9 -> 250.9	47408		0.21 ng/ml	99
EtFOSA	11.072	526.0 -> 219.0	2927		0.14 ng/ml	97
EtFOSAA	8.626	584.2 -> 419.1	662		0.05 ng/ml	94
EtFOSE	10.979	630.0 -> 58.9	6585		0.49 ng/ml	100
FOSA	9.721	498.1 -> 77.9	2183		0.05 ng/ml	95
HFPO-DA	6.224	284.9 -> 168.9	6967		0.24 ng/ml	97
MeFOSA	10.845	511.9 -> 219.0	966		0.05 ng/ml	95
MeFOSAA	8.418	570.1 -> 419.0	940		0.05 ng/ml	91
MeFOSE	10.783	616.1 -> 58.9	6602		0.52 ng/ml	100
NFDHA	5.740	295.0 -> 201.0	1161		0.09 ng/ml	96
PFBA	3.171	212.8 -> 168.9	4721		0.21 ng/ml	100

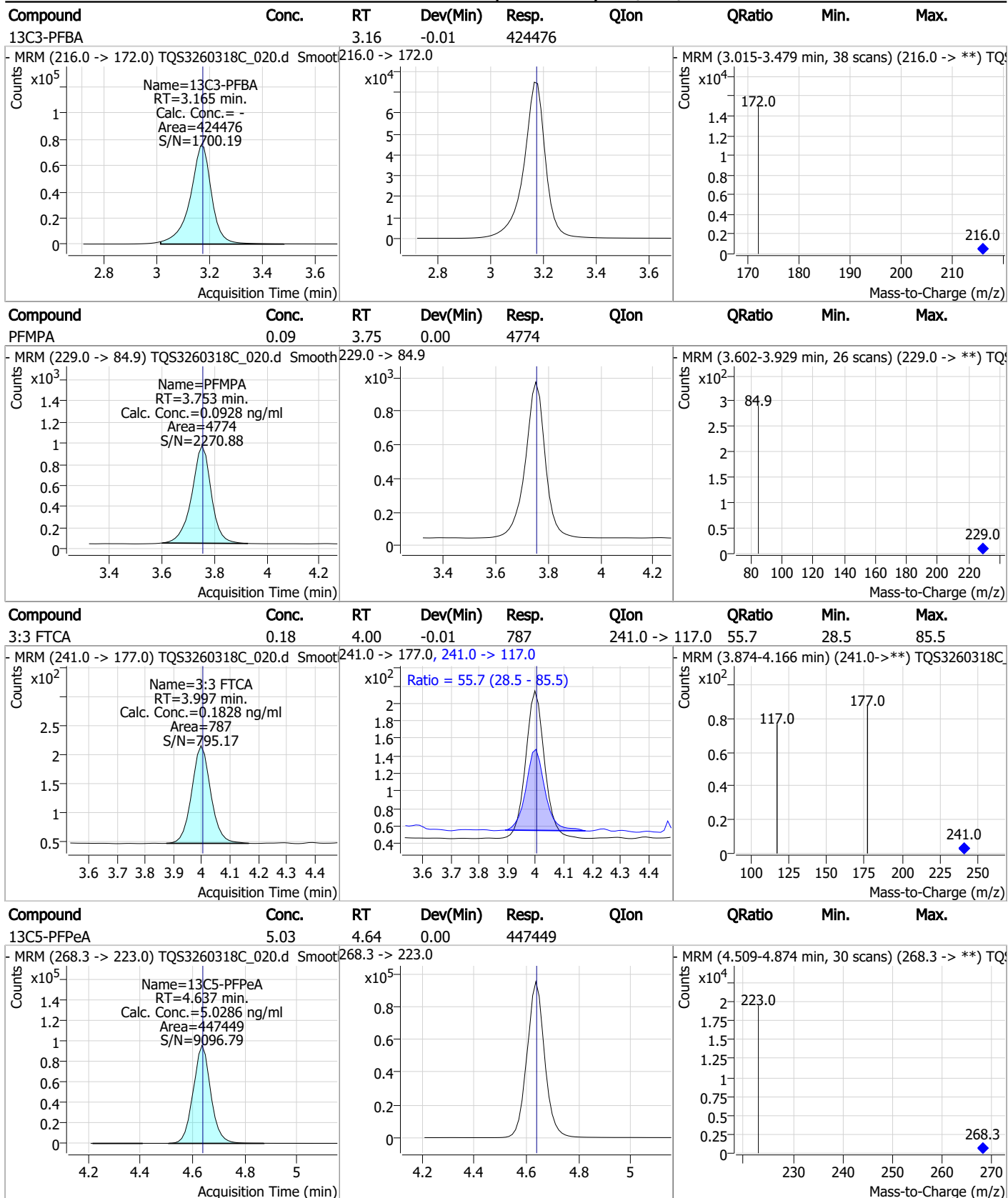
Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	1808	0.05 ng/ml	94
PFDA	8.386	512.9 -> 469.0	4977	0.04 ng/ml	99
PFDoDA	9.284	613.1 -> 569.0	4045	0.04 ng/ml	95
PFDoDS	10.142	699.1 -> 79.9	418	0.05 ng/ml	96
PFDS	9.462	599.0 -> 79.9	643	0.05 ng/ml	94
PFEESA	6.381	314.8 -> 134.9	5688	0.05 ng/ml	98
PFHpA	6.751	363.1 -> 319.0	10520	0.05 ng/ml	99
PFHpS	8.080	449.0 -> 79.9	1431	0.05 ng/ml	89
PFHxA	5.859	313.0 -> 269.0	10402	0.06 ng/ml	98
PFHxS	7.504	398.7 -> 79.9	1605	0.07 ng/ml	99
PFMBA	5.065	279.0 -> 85.1	2719	0.05 ng/ml	100
PFMPA	3.753	229.0 -> 84.9	4774	0.09 ng/ml	100
PFNA	7.900	463.0 -> 419.0	7411	0.05 ng/ml	98
PFNS	9.053	548.8 -> 79.9	920	0.05 ng/ml	93
PFOA	7.371	413.0 -> 369.0	10560	0.06 ng/ml	99
PFOS	8.568	498.9 -> 79.9	1360	0.05 ng/ml	93
PFPeA	4.640	263.0 -> 219.0	11162	0.10 ng/ml	100
PFPeS	6.853	349.1 -> 79.9	1622	0.05 ng/ml	86
PFTeDA	10.002	713.1 -> 669.0	3970	0.05 ng/ml	98
PFTTrDA	9.668	663.0 -> 619.0	3850	0.04 ng/ml	99
PFUnDA	8.865	563.1 -> 519.0	5289	0.05 ng/ml	90

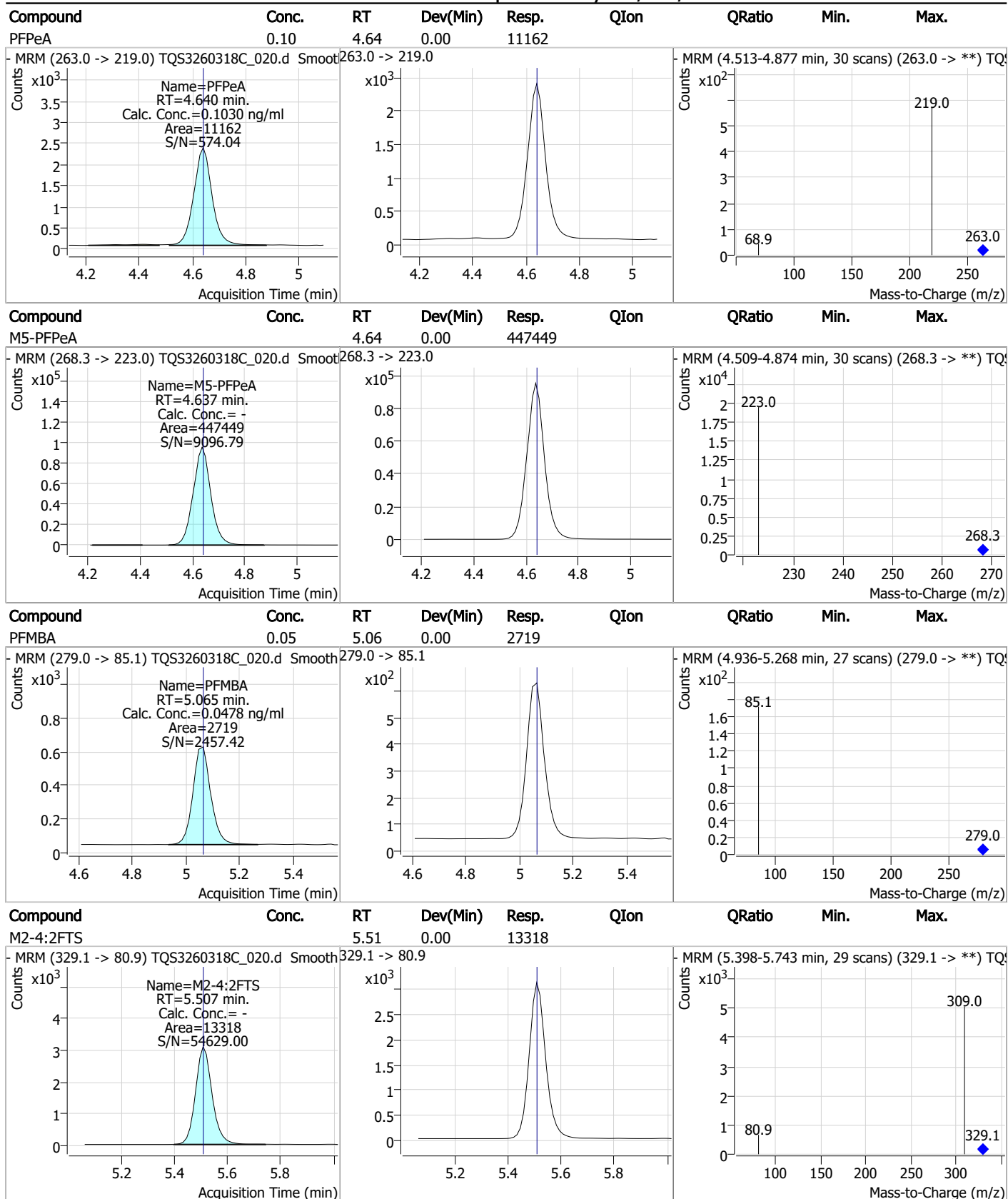
= Qualifier out of range, m = manually integrated, + = Area summed



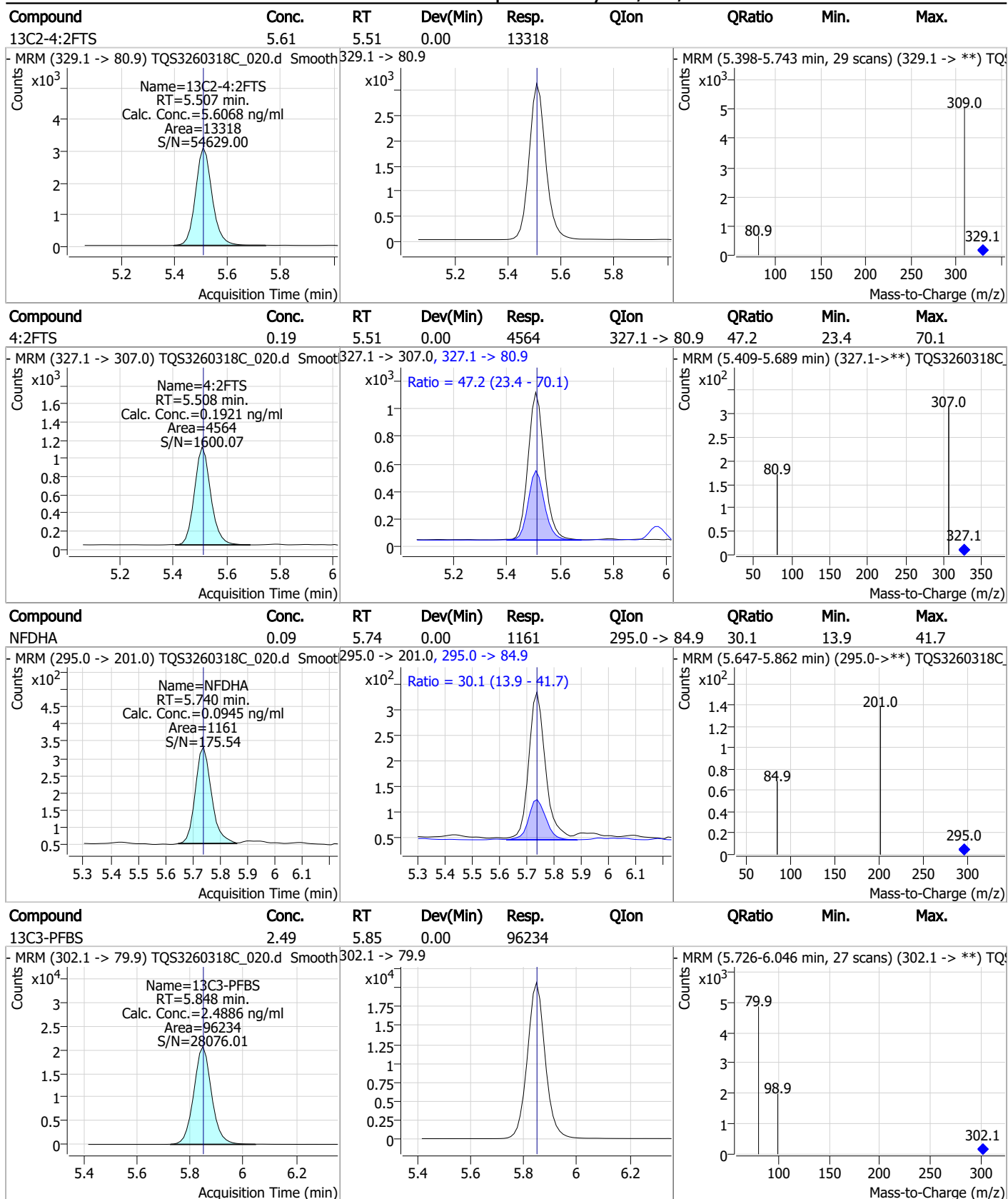
Perfluorinated Compounds by LC/MS/MS

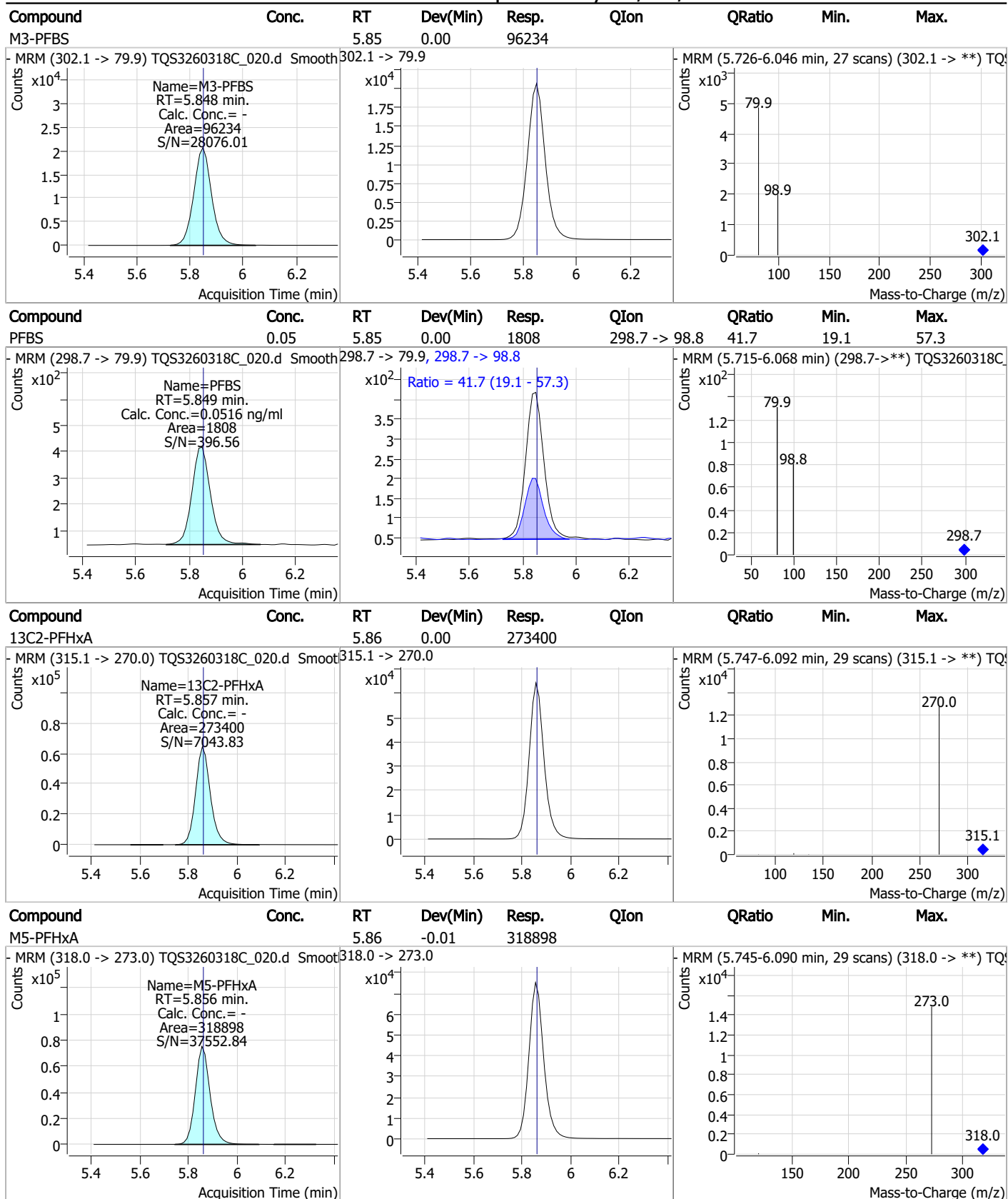


Perfluorinated Compounds by LC/MS/MS

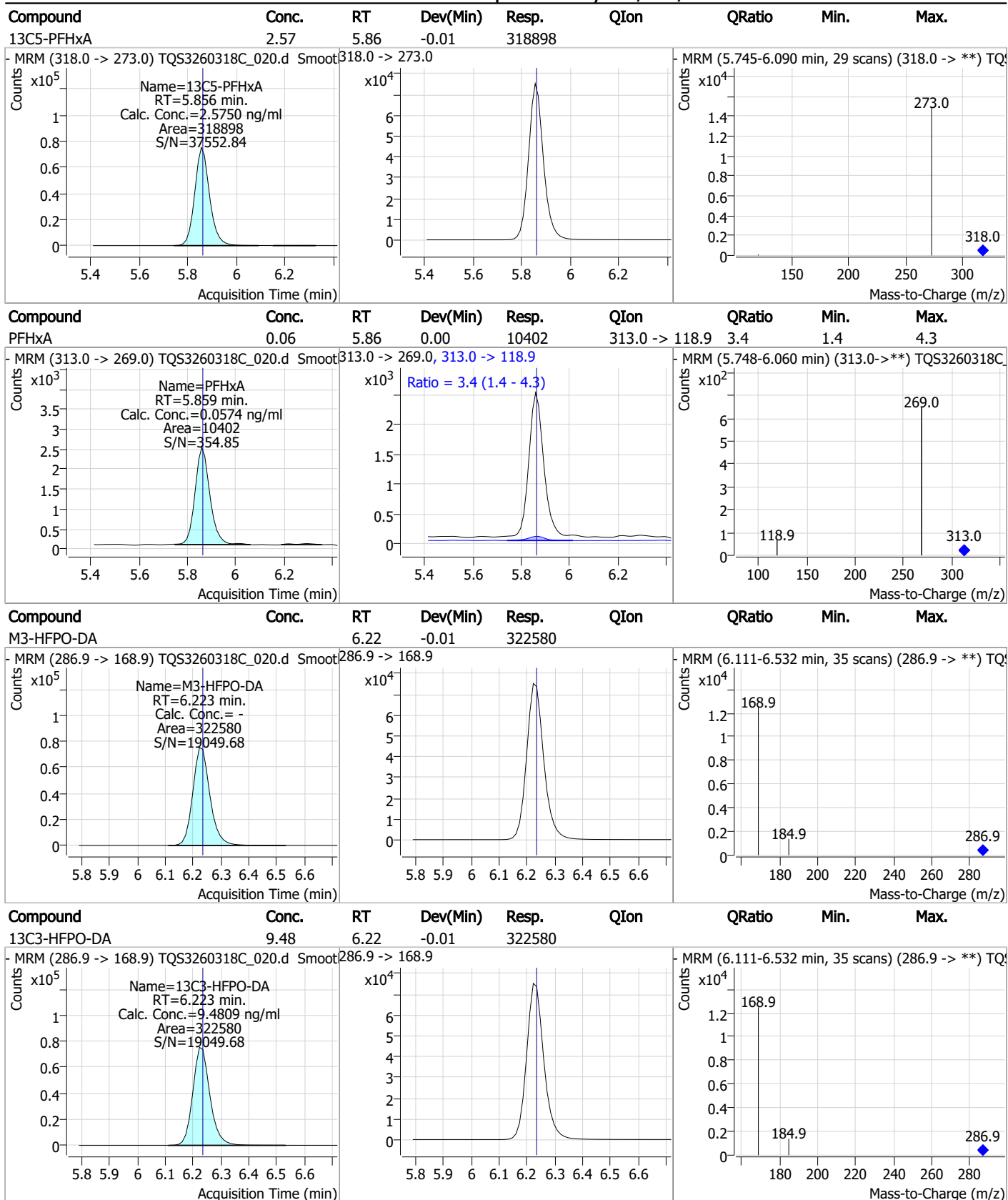


Perfluorinated Compounds by LC/MS/MS

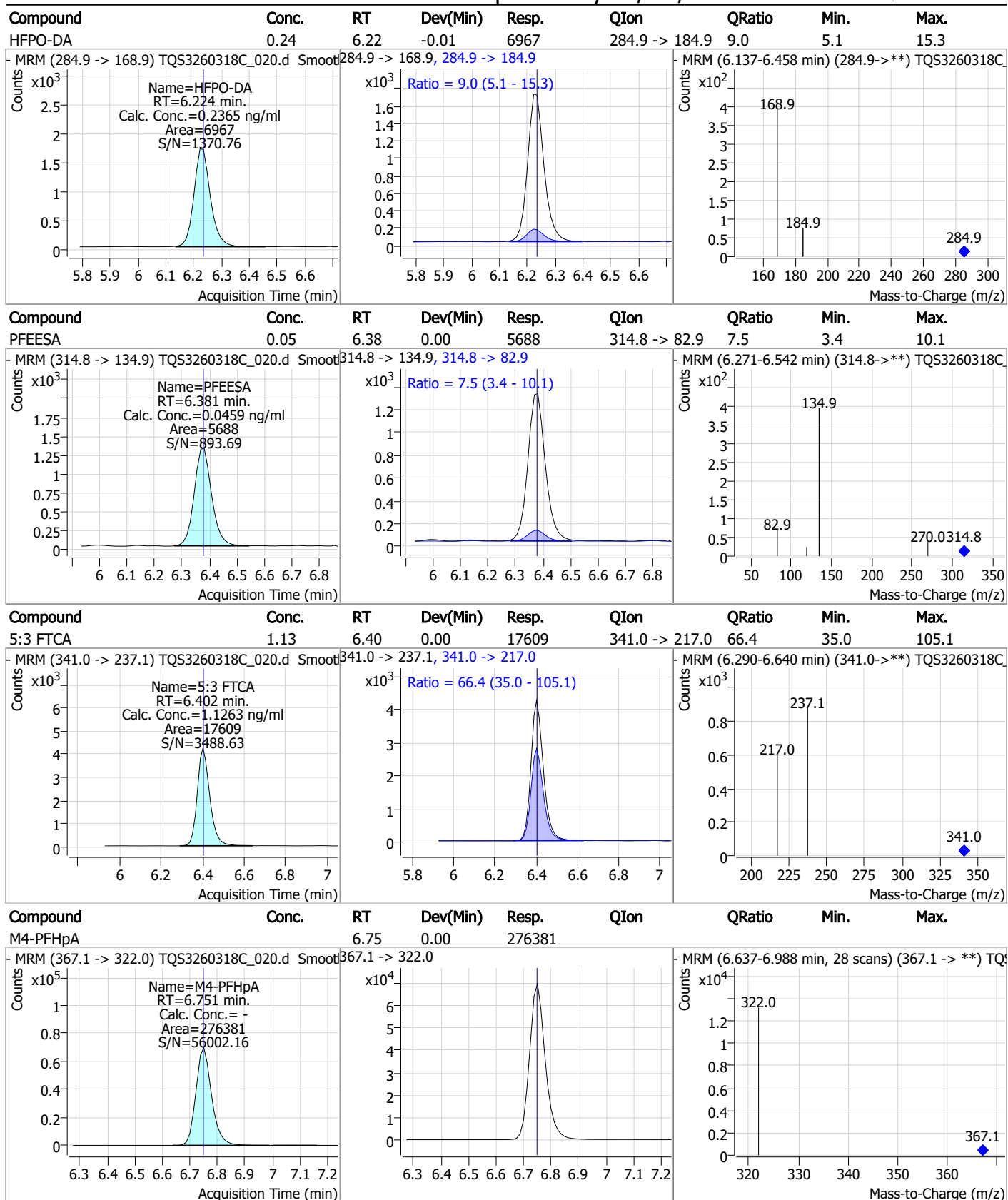




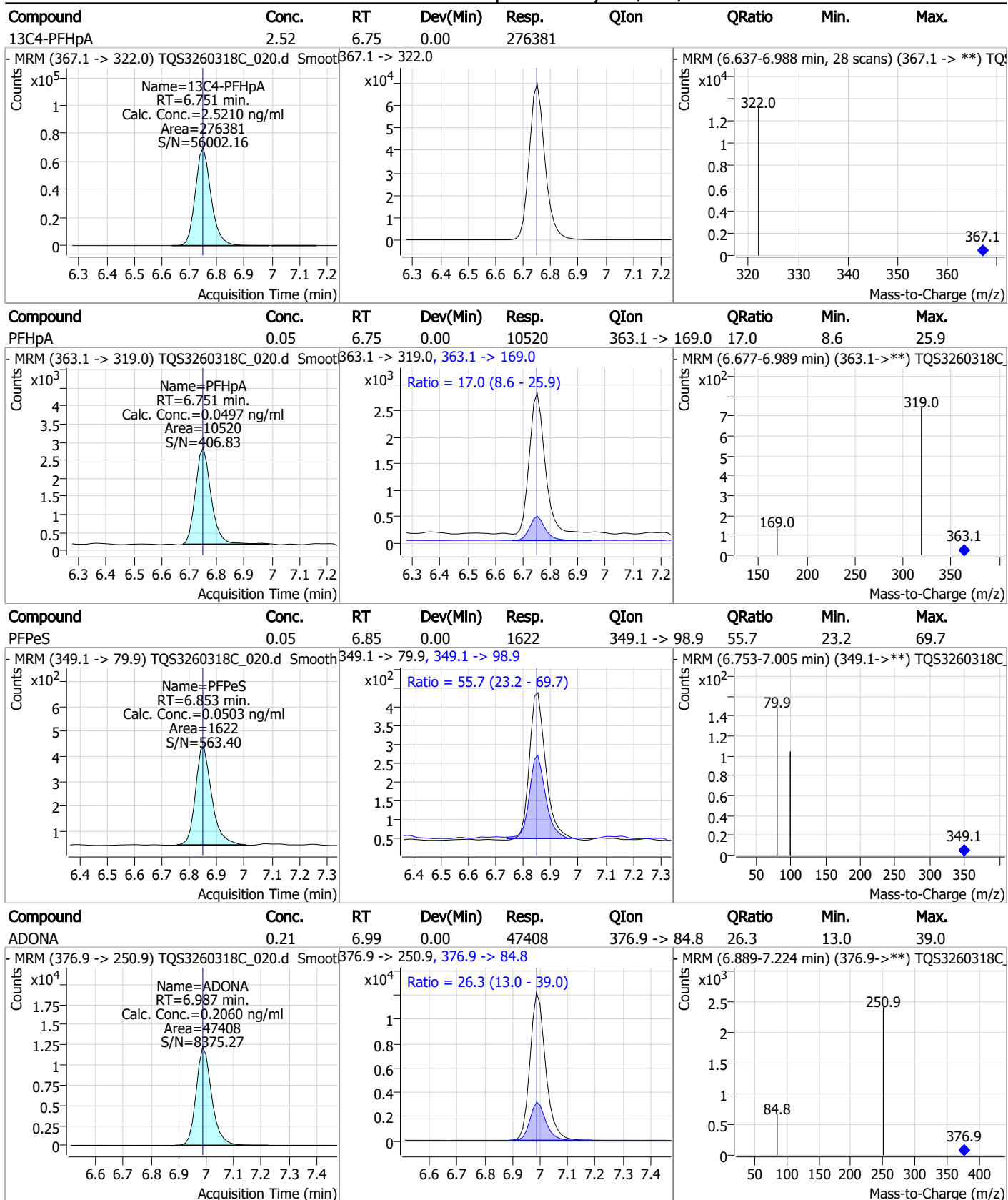
Perfluorinated Compounds by LC/MS/MS



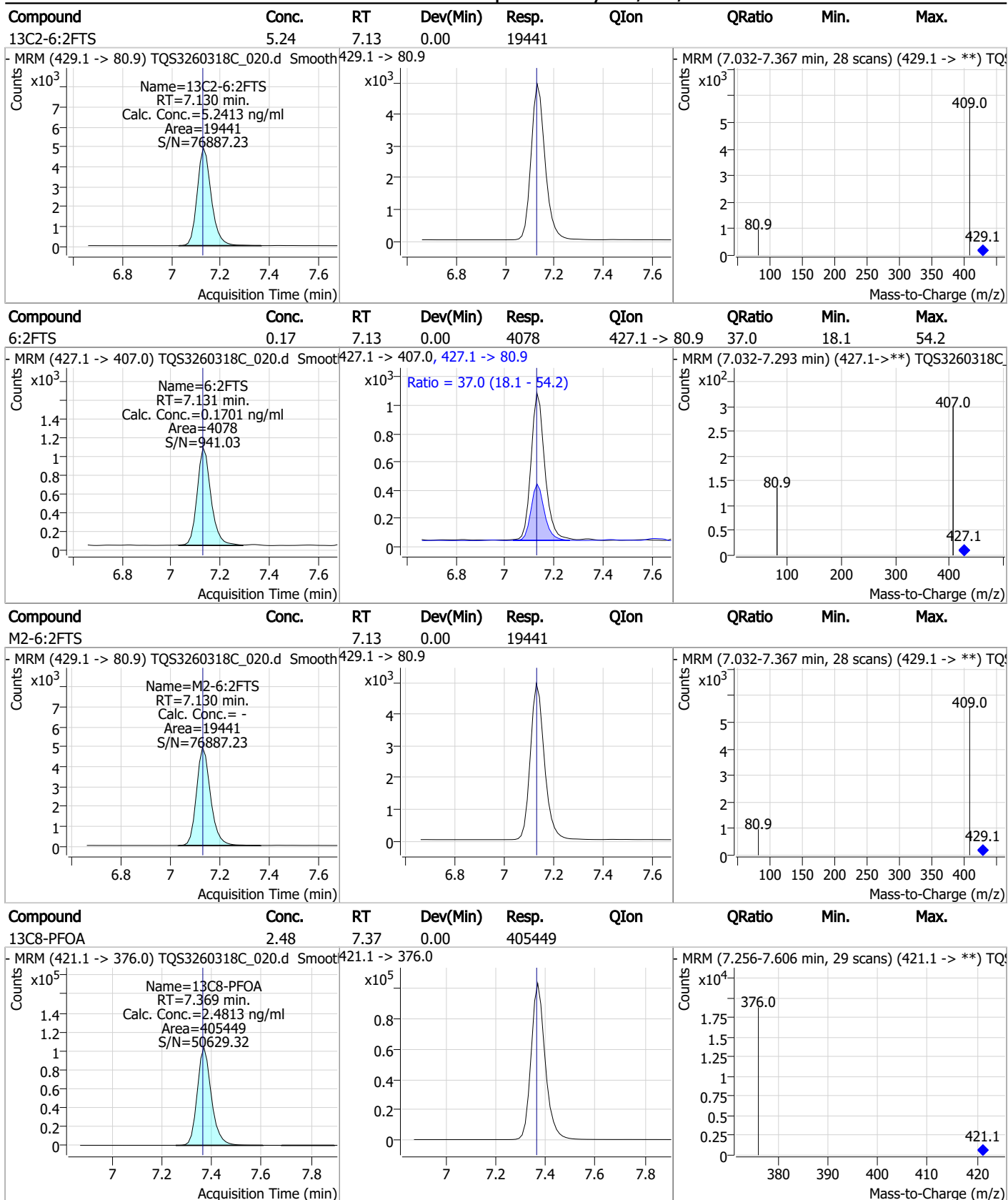
Perfluorinated Compounds by LC/MS/MS



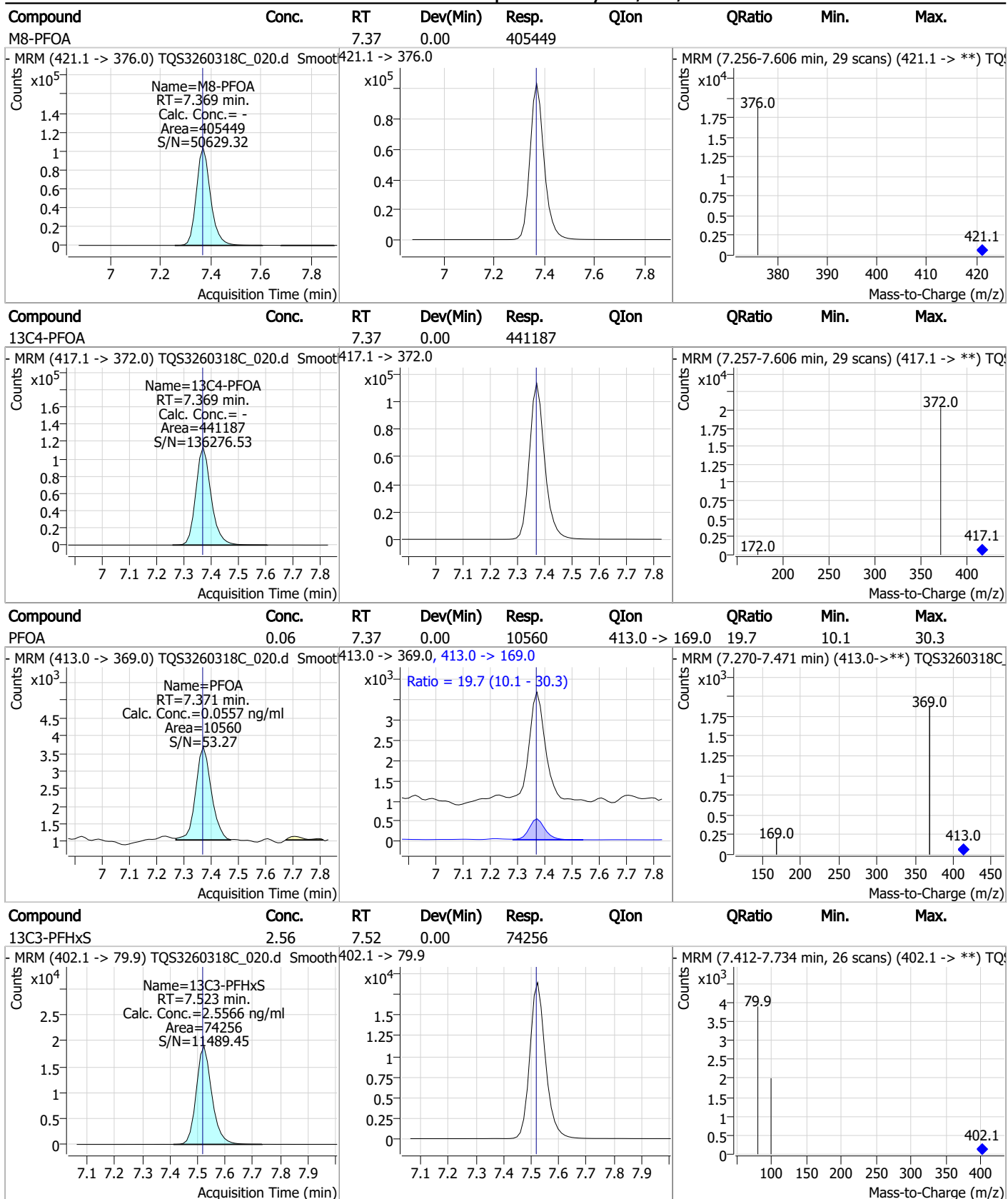
Perfluorinated Compounds by LC/MS/MS



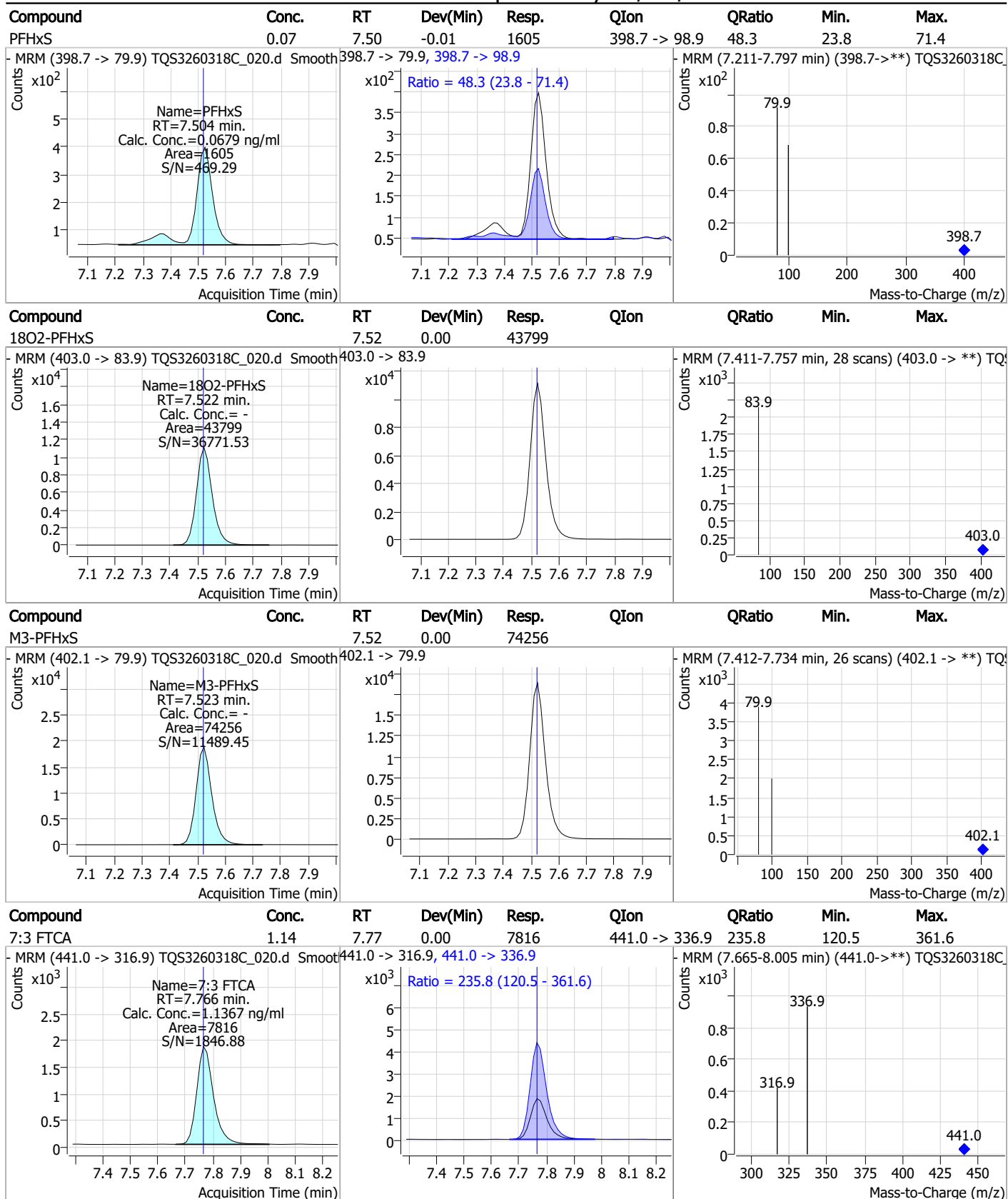
Perfluorinated Compounds by LC/MS/MS



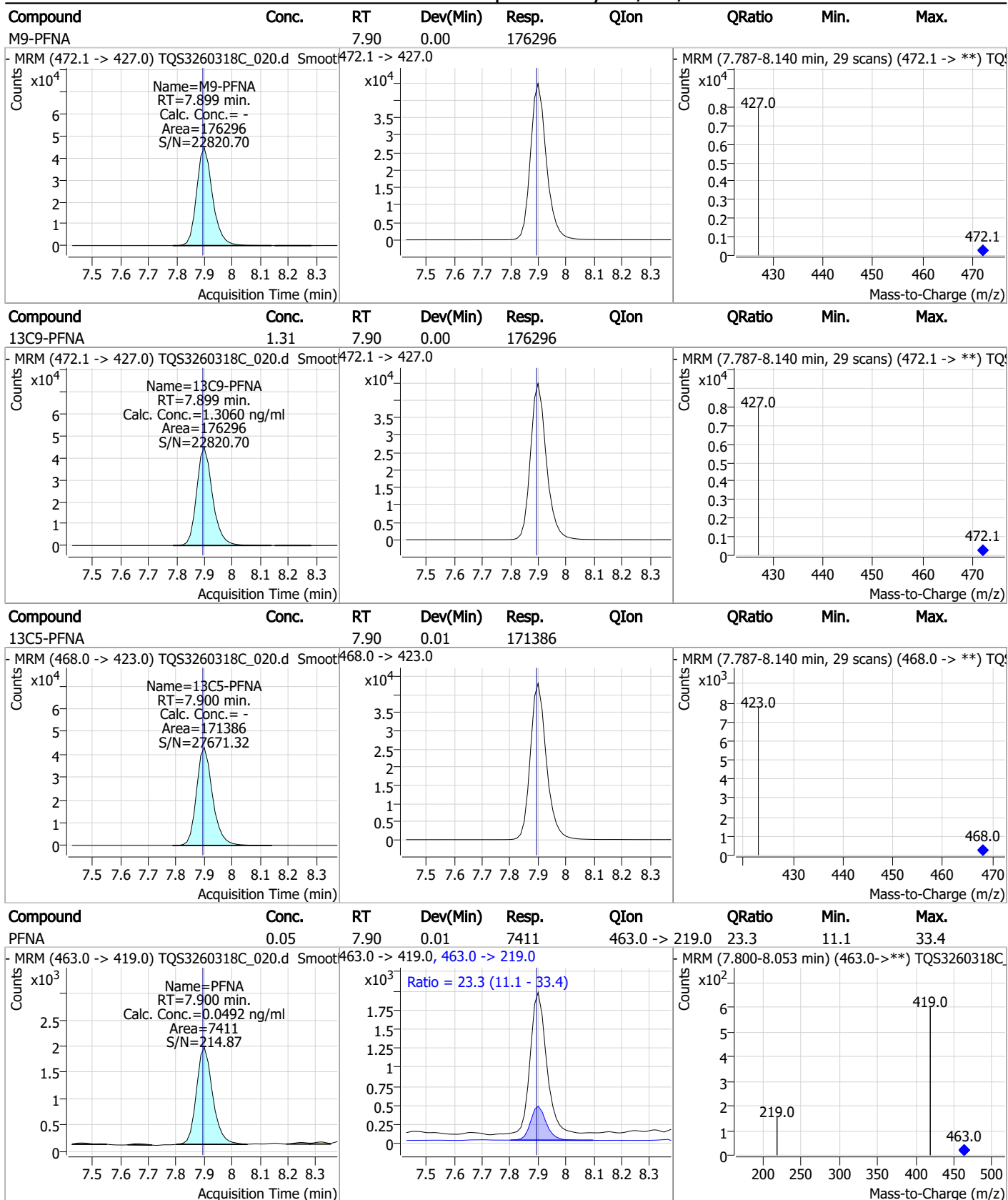
Perfluorinated Compounds by LC/MS/MS



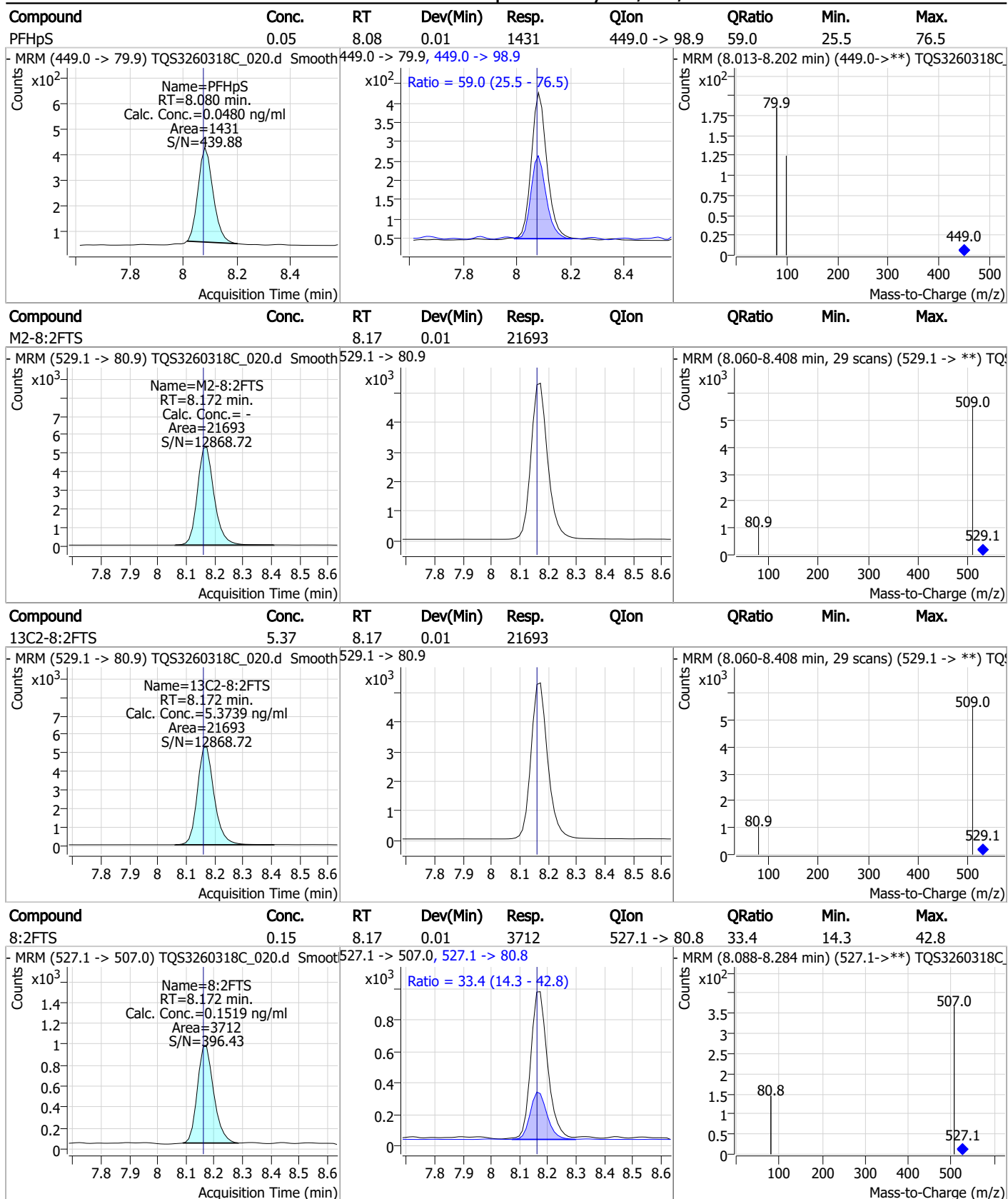
Perfluorinated Compounds by LC/MS/MS



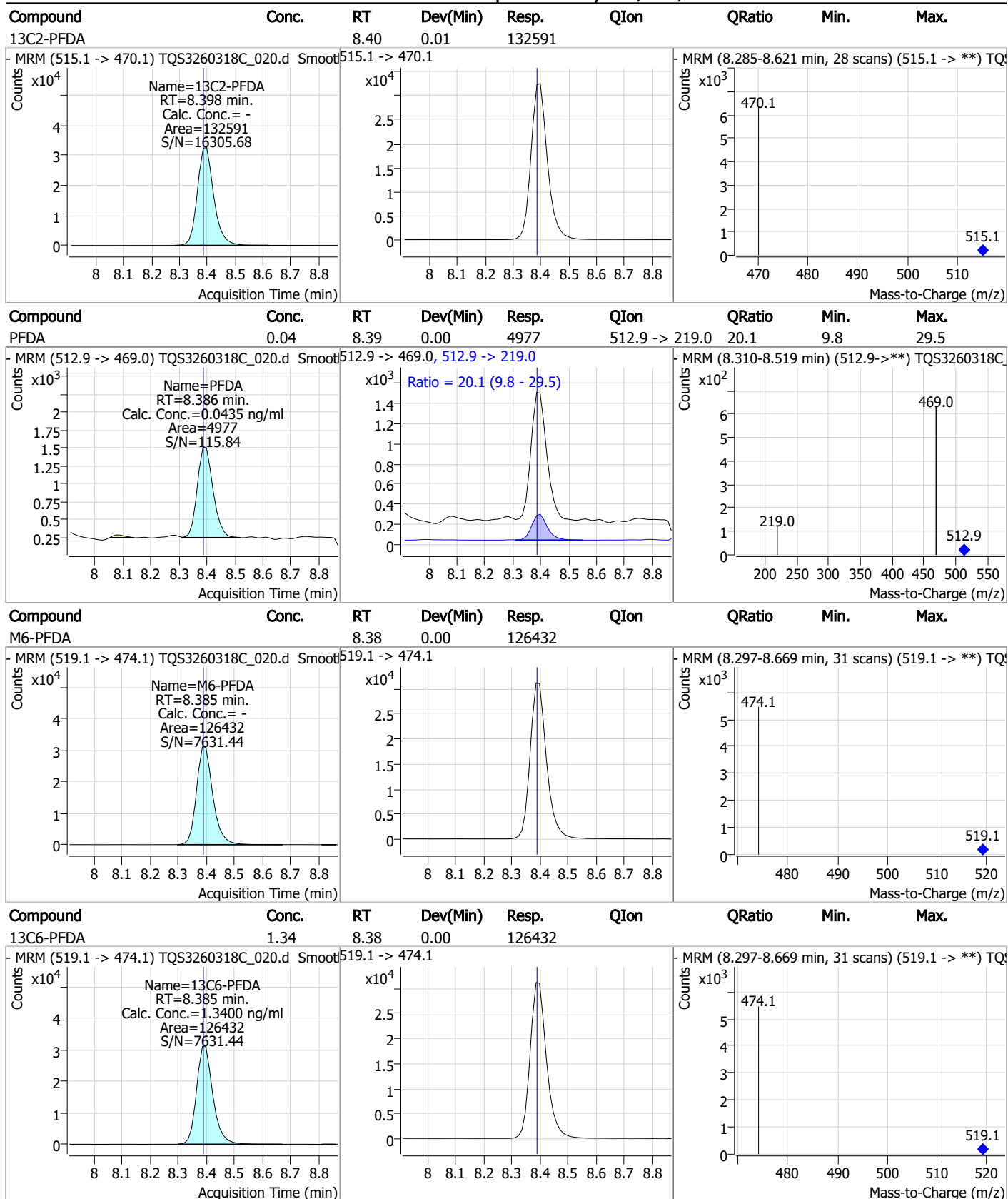
Perfluorinated Compounds by LC/MS/MS



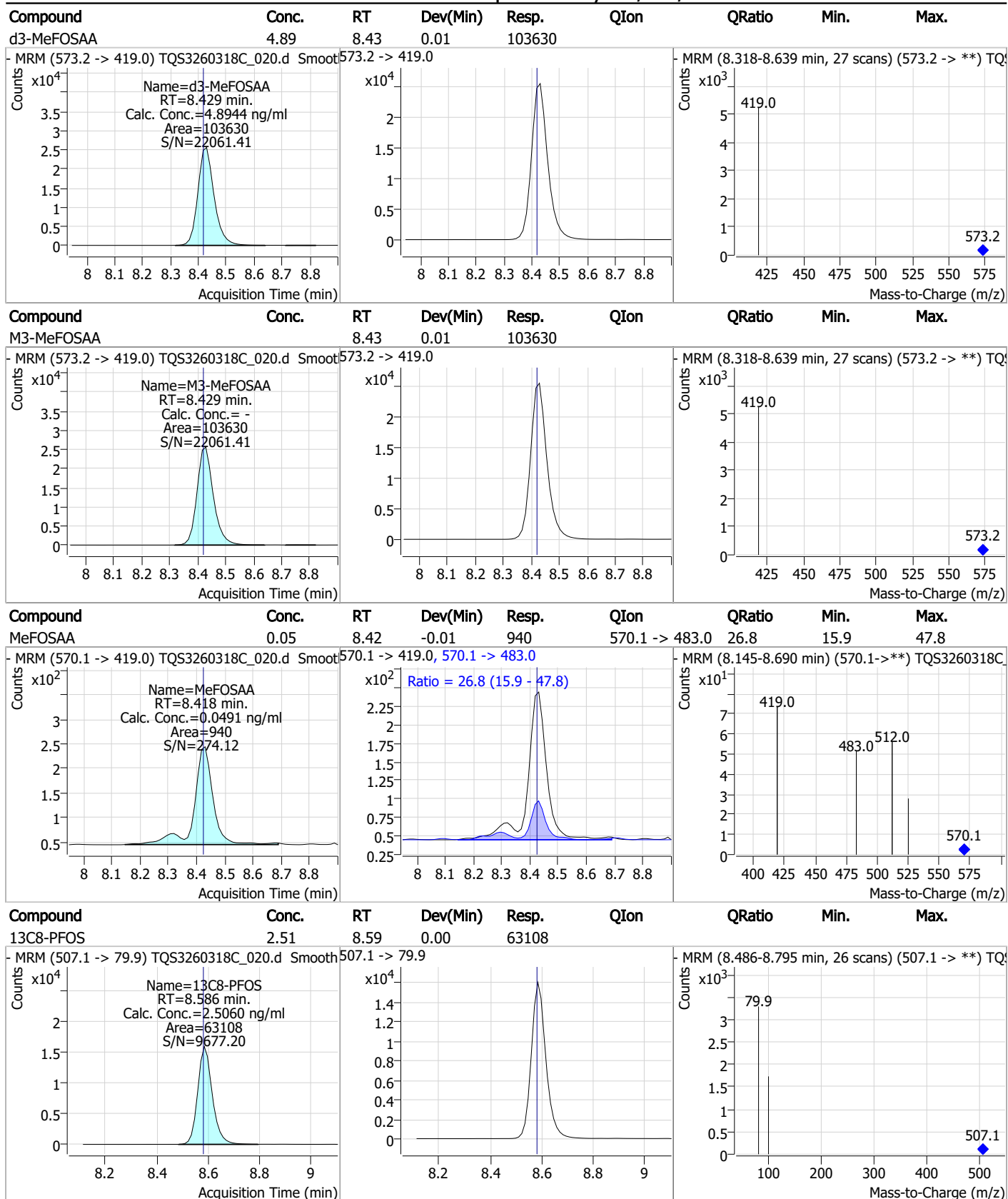
Perfluorinated Compounds by LC/MS/MS



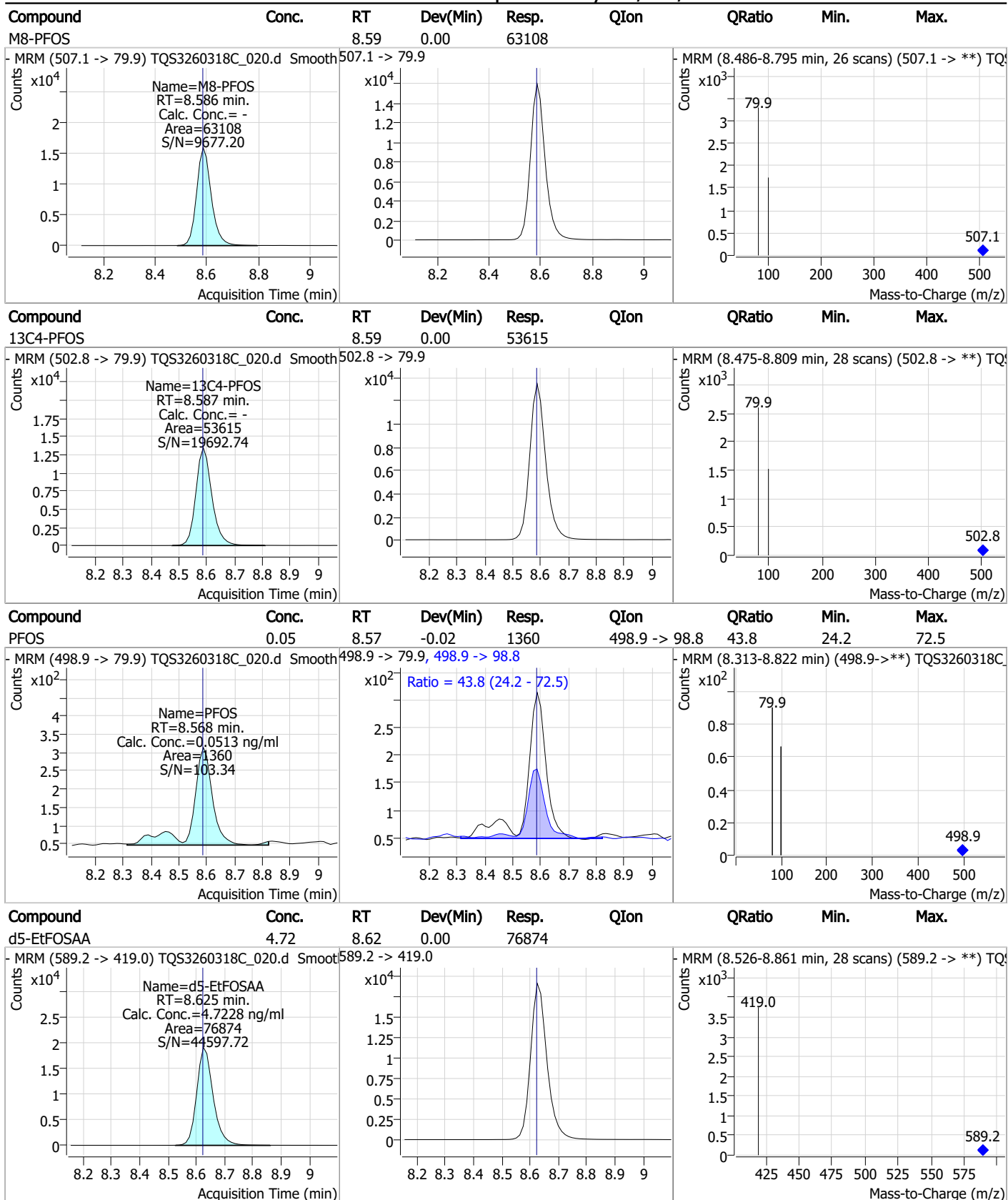
Perfluorinated Compounds by LC/MS/MS



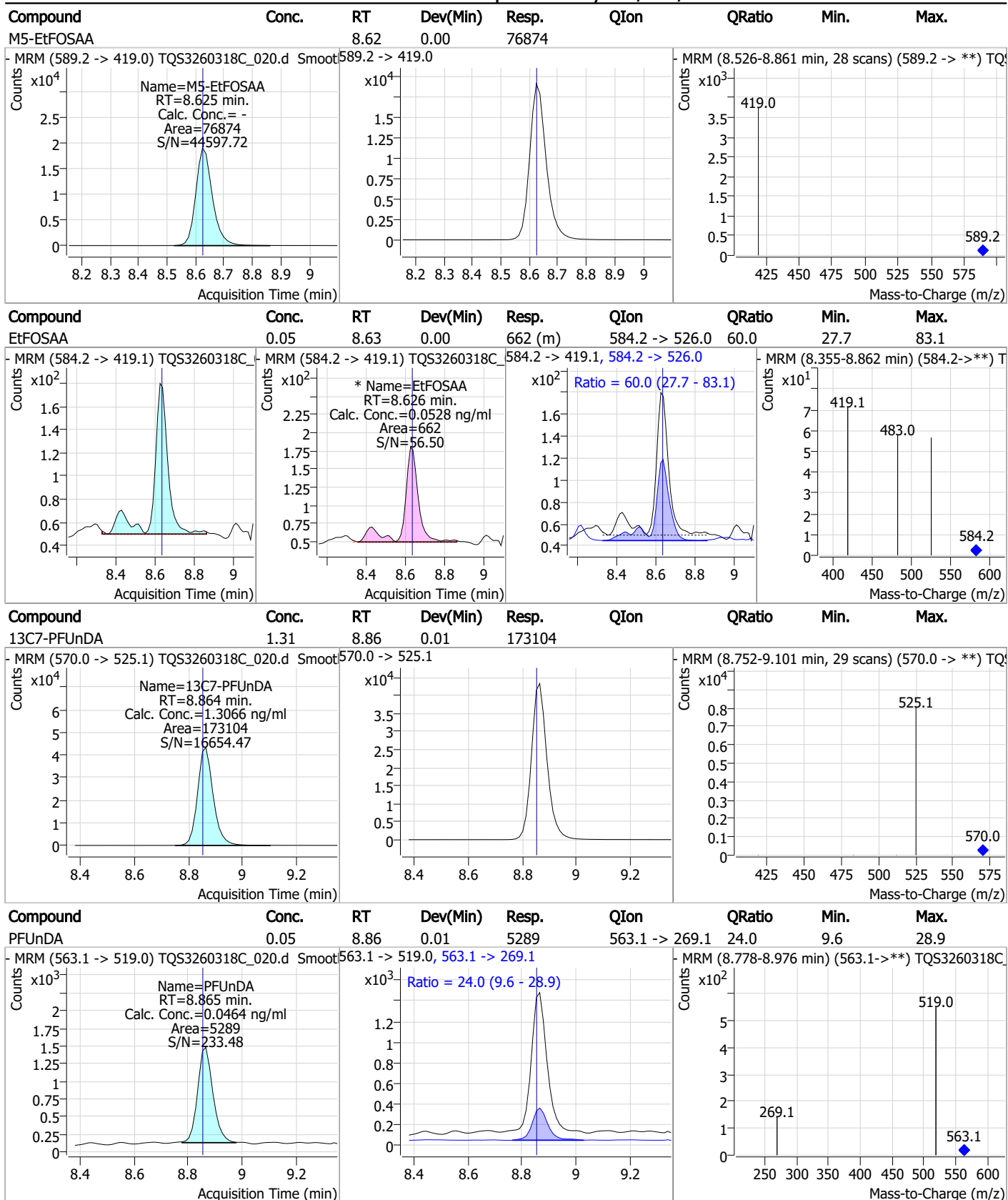
Perfluorinated Compounds by LC/MS/MS



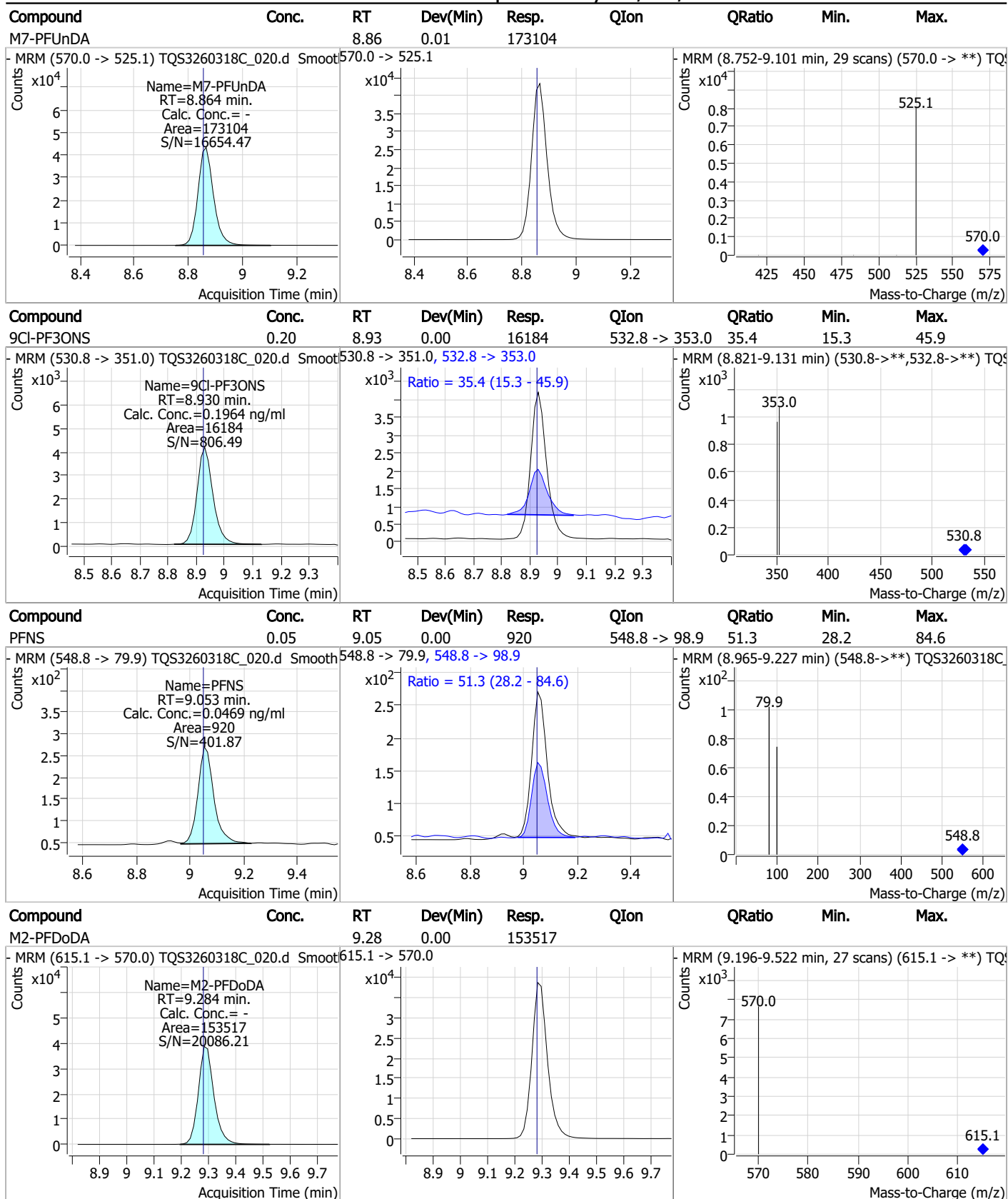
Perfluorinated Compounds by LC/MS/MS



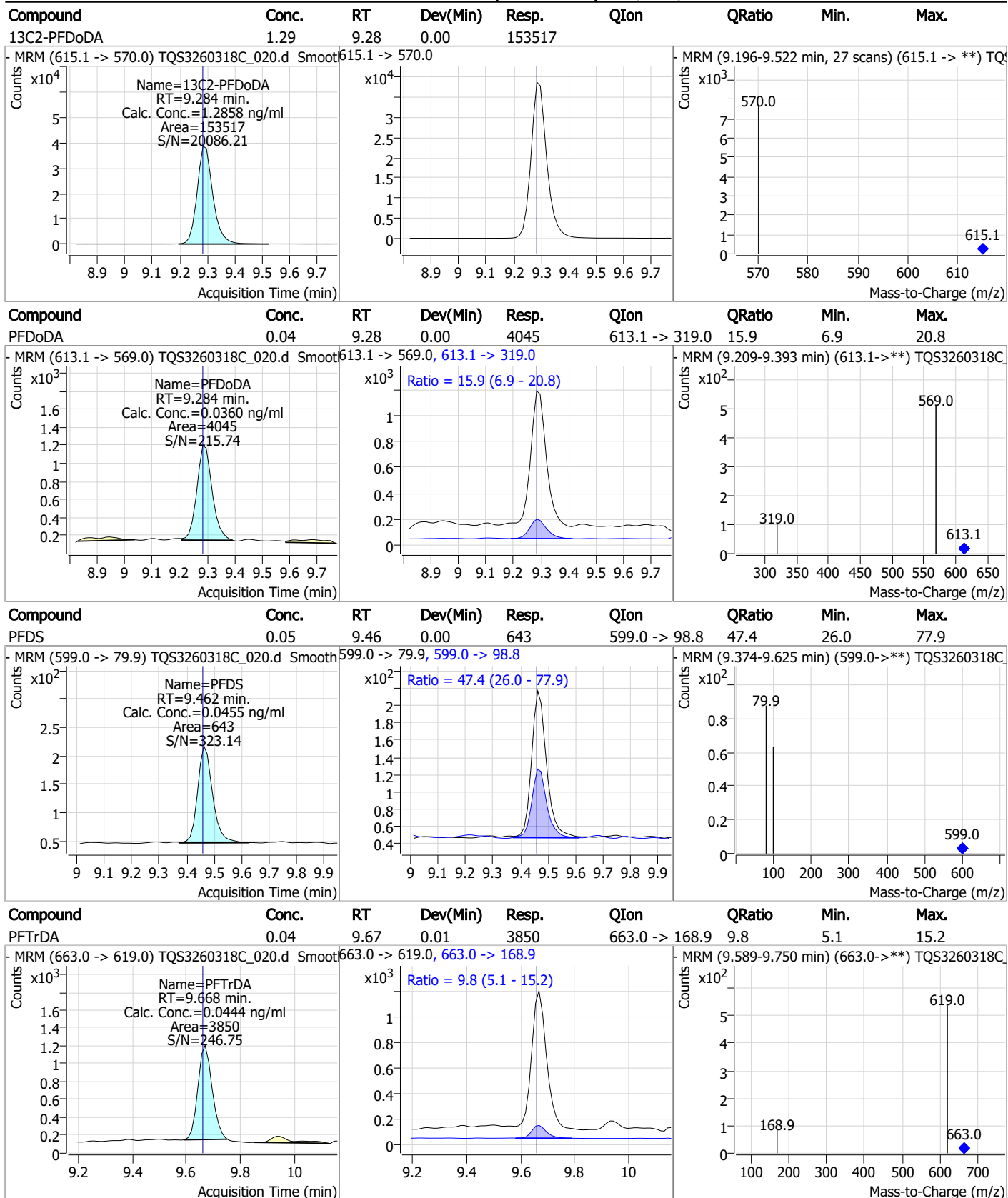
Perfluorinated Compounds by LC/MS/MS



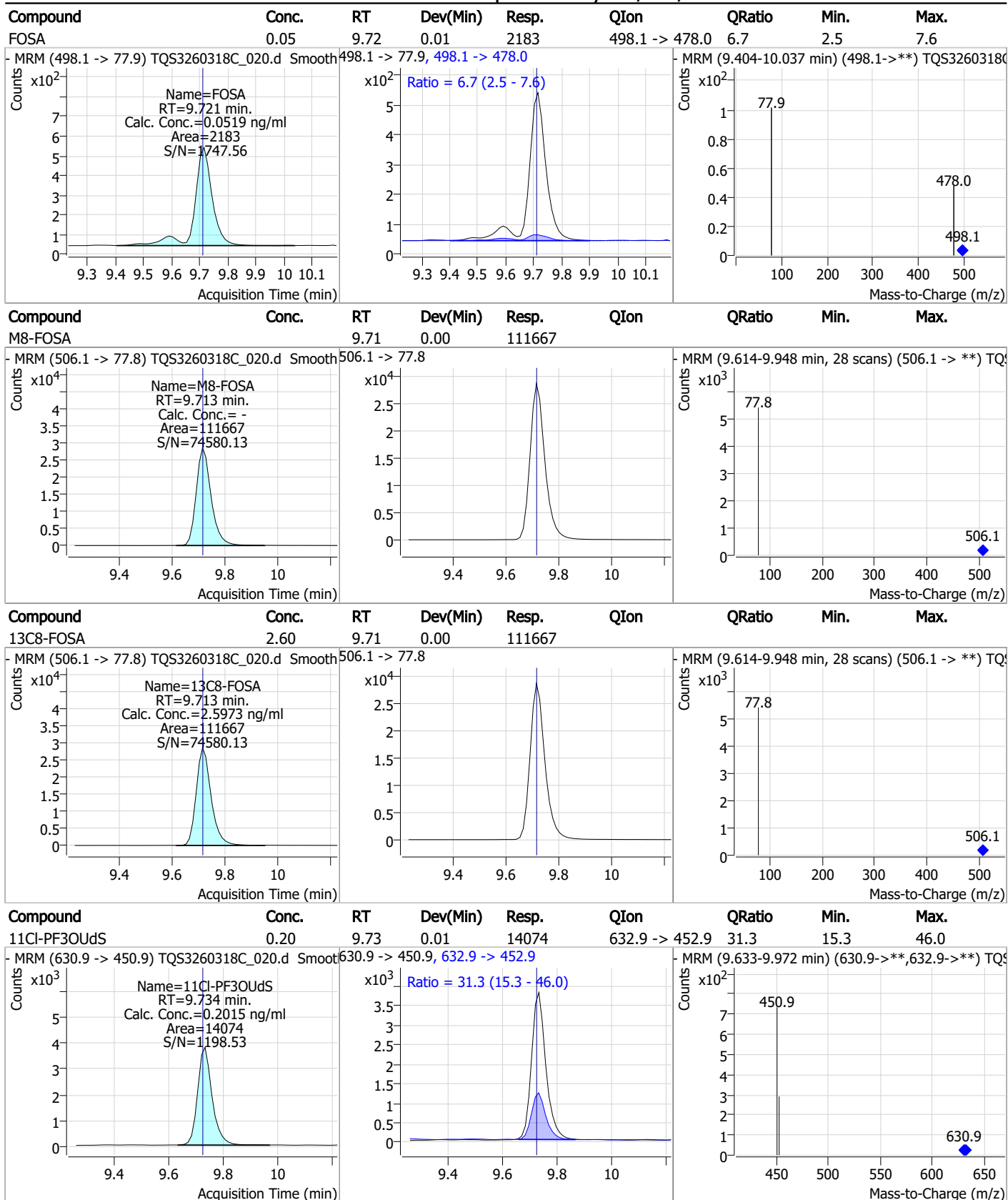
Perfluorinated Compounds by LC/MS/MS



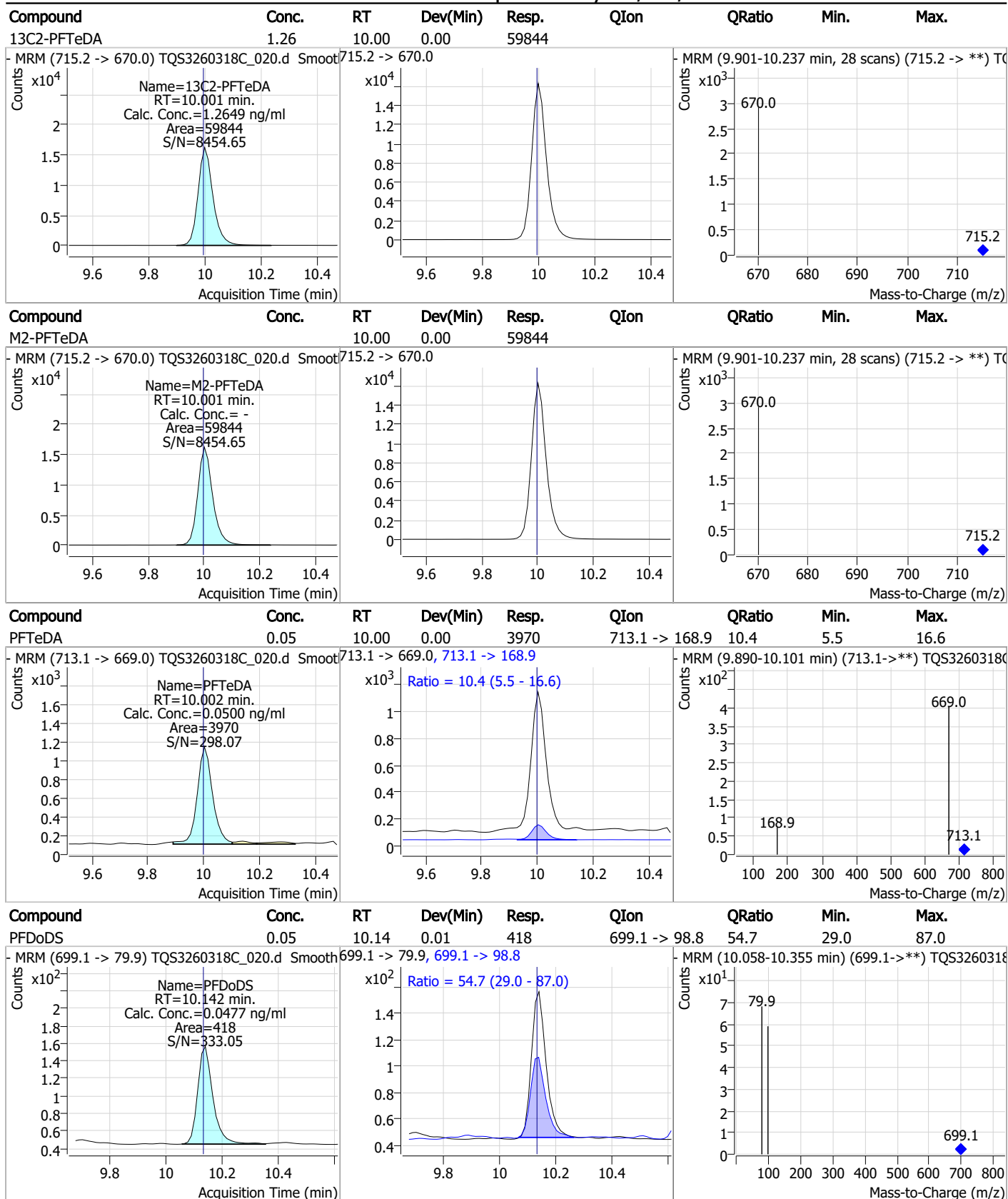
Perfluorinated Compounds by LC/MS/MS



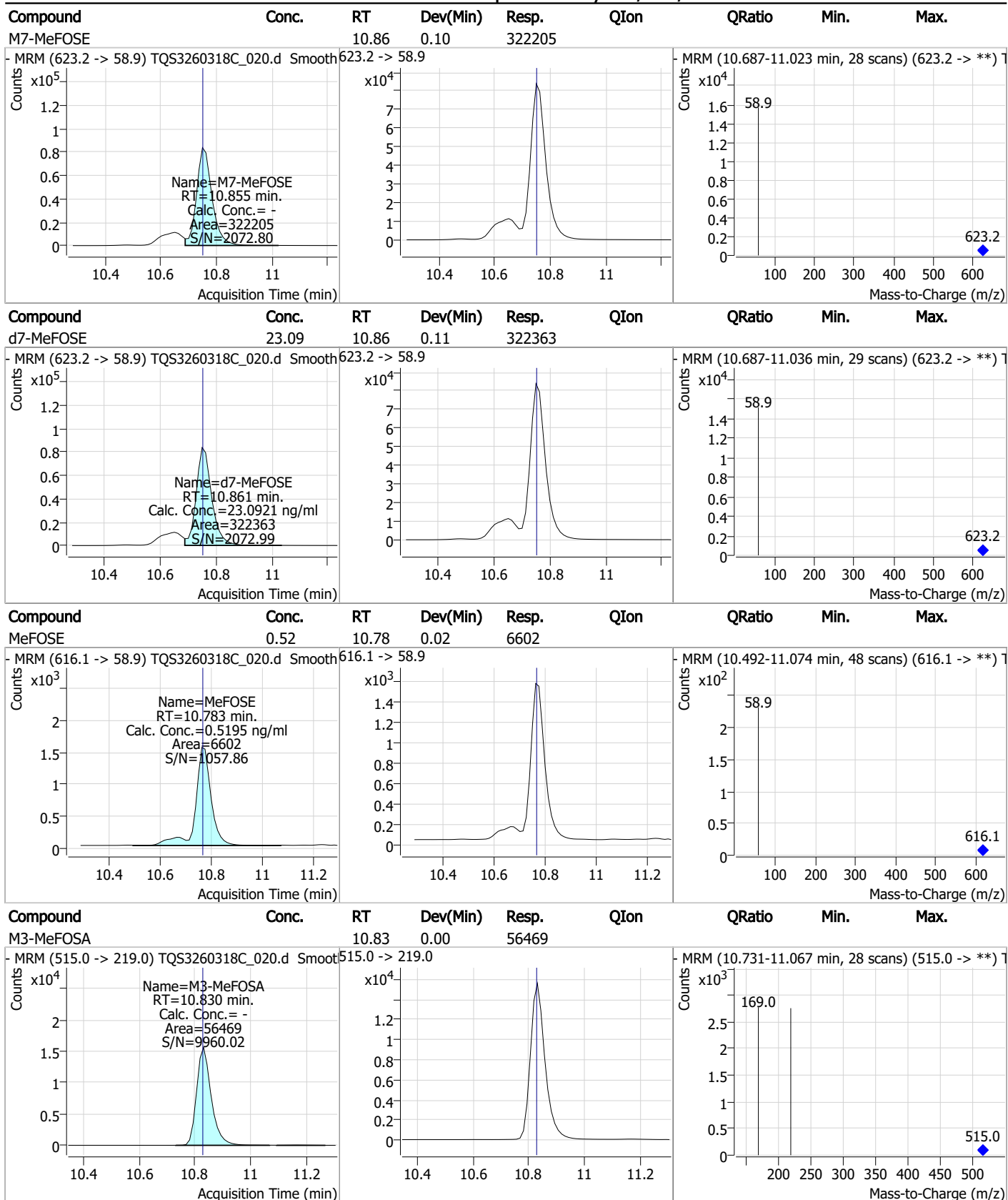
Perfluorinated Compounds by LC/MS/MS



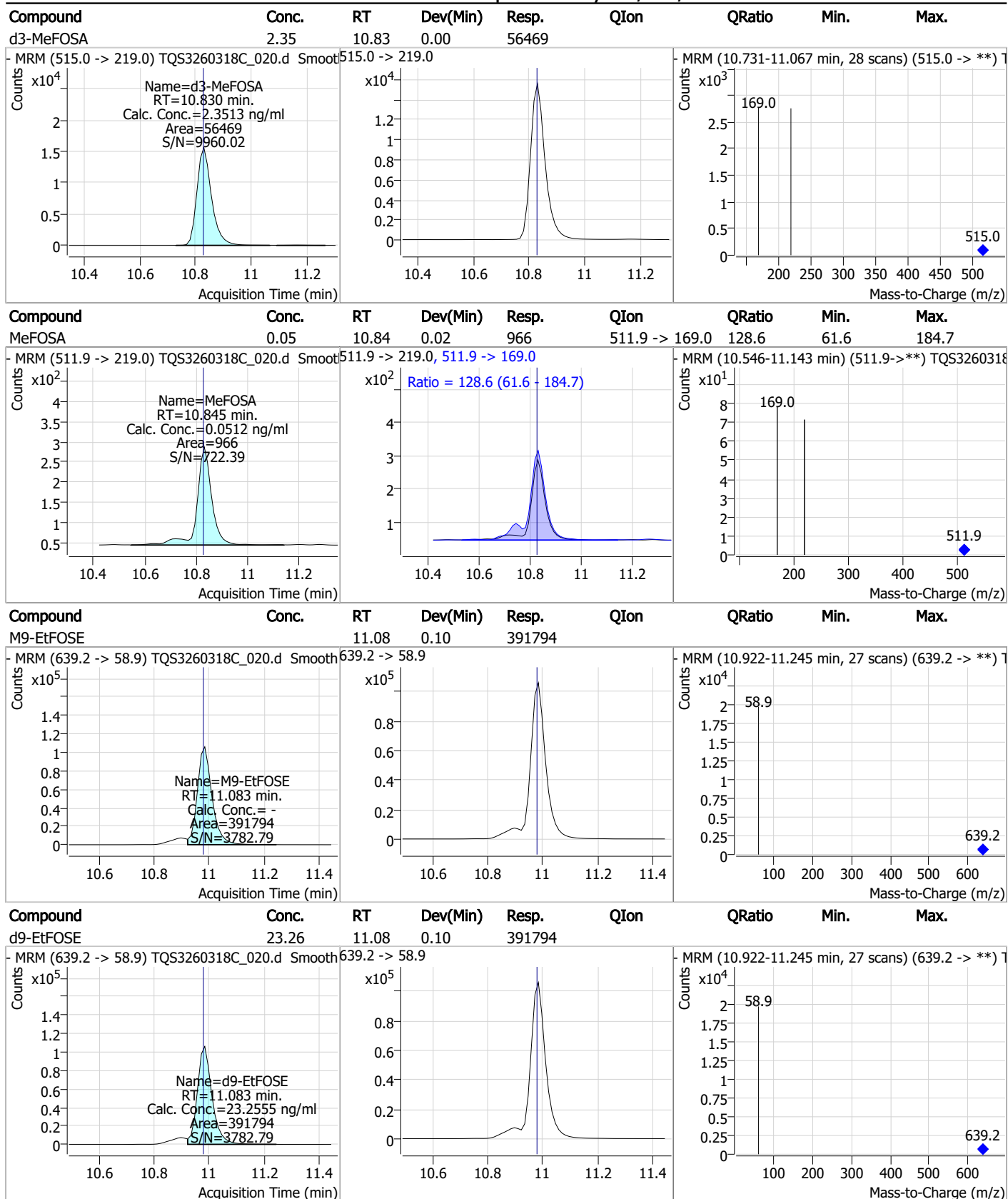
Perfluorinated Compounds by LC/MS/MS



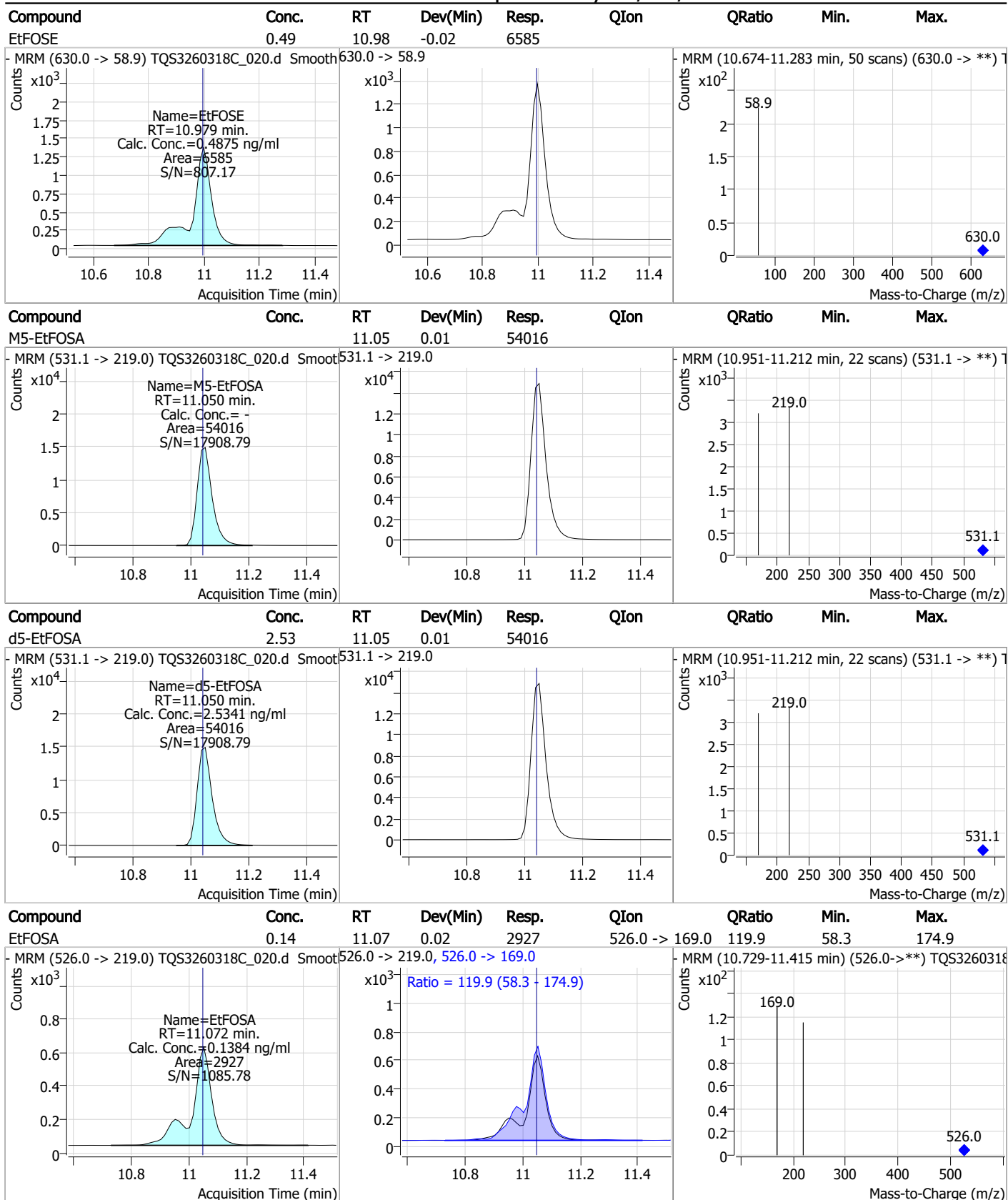
Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Data File : TQS3260318C_021.d
 Operator :
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/18/2026 10:42:01 PM
 Sample Name : ICAL2
 Vial : P3-A4
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3913_ICAL_C_1633.batch.bin
 Sample Information : AXYS B 0.10ng/mL

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Internal Standards					
13C2-PFDA	8.398	515.1 -> 470.1	136498	1.25 ng/ml	0.012
13C2-PFHxA	5.857	315.1 -> 270.0	283290	2.50 ng/ml	-0.004
13C3-PFBA	3.165	216.0 -> 172.0	443012	5.00 ng/ml	-0.009
13C4-PFOA	7.369	417.1 -> 372.0	449236	2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	52443	2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	180486	1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	45207	2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	13325	5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	20648	5.00 ng/ml	-0.001
M2-8:2FTS	8.172	529.1 -> 80.9	22314	5.00 ng/ml	0.012
M2-PFDoDA	9.284	615.1 -> 570.0	155564	1.25 ng/ml	0.003
M2-PFTeDA	10.001	715.2 -> 670.0	61046	1.25 ng/ml	0.004
M3-HFPO-DA	6.235	286.9 -> 168.9	366326	10.00 ng/ml	0.000
M3-MeFOSA	10.830	515.0 -> 219.0	58138	2.50 ng/ml	0.003
M3-MeFOSAA	8.429	573.2 -> 419.0	105978	5.00 ng/ml	0.009
M3-PFBS	5.848	302.1 -> 79.9	100252	2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	74266	2.50 ng/ml	0.002
M4-PFBA	3.173	216.8 -> 171.9	1040022	10.00 ng/ml	0.000
M4-PFHpA	6.751	367.1 -> 322.0	283447	2.50 ng/ml	0.002
M5-EtFOSA	11.050	531.1 -> 219.0	52483	2.50 ng/ml	0.009
M5-EtFOSAA	8.625	589.2 -> 419.0	80163	5.00 ng/ml	-0.001
M5-PFHxA	5.856	318.0 -> 273.0	325074	2.50 ng/ml	-0.006
M5-PFPeA	4.637	268.3 -> 223.0	463488	5.00 ng/ml	-0.005
M6-PFDA	8.397	519.1 -> 474.1	125308	1.25 ng/ml	0.009
M7-MeFOSE	10.855	623.2 -> 58.9	344489	25.00 ng/ml	0.105
M7-PFUnDA	8.864	570.0 -> 525.1	178513	1.25 ng/ml	0.010
M8-FOSA	9.713	506.1 -> 77.8	117011	2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	419373	2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	62338	2.50 ng/ml	0.001
M9-EtFOSE	11.083	639.2 -> 58.9	413593	25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	181389	1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	13325	5.43 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 108.7%	
13C2-6:2FTS	7.130	429.1 -> 80.9	20648	5.39 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 107.9%	
13C2-8:2FTS	8.172	529.1 -> 80.9	22314	5.36 ng/ml	0.012
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 107.1%	
13C2-PFDoDA	9.284	615.1 -> 570.0	155564	1.27 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 101.2%	
13C2-PFTeDA	10.001	715.2 -> 670.0	61046	1.25 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 100.3%	
13C3-HFPO-DA	6.235	286.9 -> 168.9	366326	10.39 ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 103.9%	
d3-MeFOSA	10.830	515.0 -> 219.0	58138	2.47 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc.	Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 99.0%		
d3-MeFOSAA	8.429	573.2 -> 419.0	105978		5.12	ng/ml	0.012
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 102.3%		
13C3-PFBS	5.848	302.1 -> 79.9	100252		2.51	ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.5%		
13C3-PFHxS	7.523	402.1 -> 79.9	74266		2.48	ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 99.1%		
13C4-PFBA	3.170	216.8 -> 171.9	1047731		10.01	ng/ml	-0.002
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 100.1%		
13C4-PFHpA	6.751	367.1 -> 322.0	283447		2.50	ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 99.8%		
d5-EtFOSA	11.050	531.1 -> 219.0	52483		2.52	ng/ml	0.009
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.7%		
d5-EtFOSAA	8.625	589.2 -> 419.0	80163		5.03	ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 100.7%		
13C5-PFHxA	5.856	318.0 -> 273.0	325074		2.53	ng/ml	-0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 101.3%		
13C5-PFPeA	4.637	268.3 -> 223.0	463488		5.03	ng/ml	-0.003
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 100.5%		
13C6-PFDA	8.397	519.1 -> 474.1	125308		1.29	ng/ml	0.009
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 103.2%		
d7-MeFOSE	10.861	623.2 -> 58.9	344818		25.25	ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 101.0%		
13C7-PFUnDA	8.864	570.0 -> 525.1	178513		1.31	ng/ml	0.011
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 104.7%		
13C8-FOSA	9.713	506.1 -> 77.8	117011		2.78	ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 111.3%		
13C8-PFOA	7.369	421.1 -> 376.0	419373		2.52	ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.8%		
13C8-PFOS	8.586	507.1 -> 79.9	62338		2.53	ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 101.2%		
d9-EtFOSE	11.083	639.2 -> 58.9	413593		25.10	ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 100.4%		
13C9-PFNA	7.899	472.1 -> 427.0	181389		1.28	ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 102.1%		

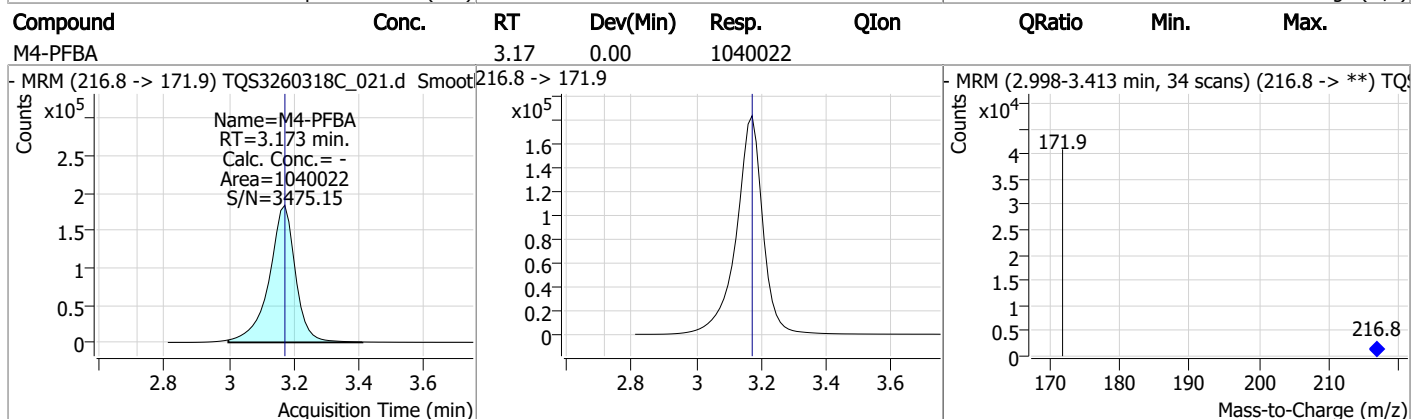
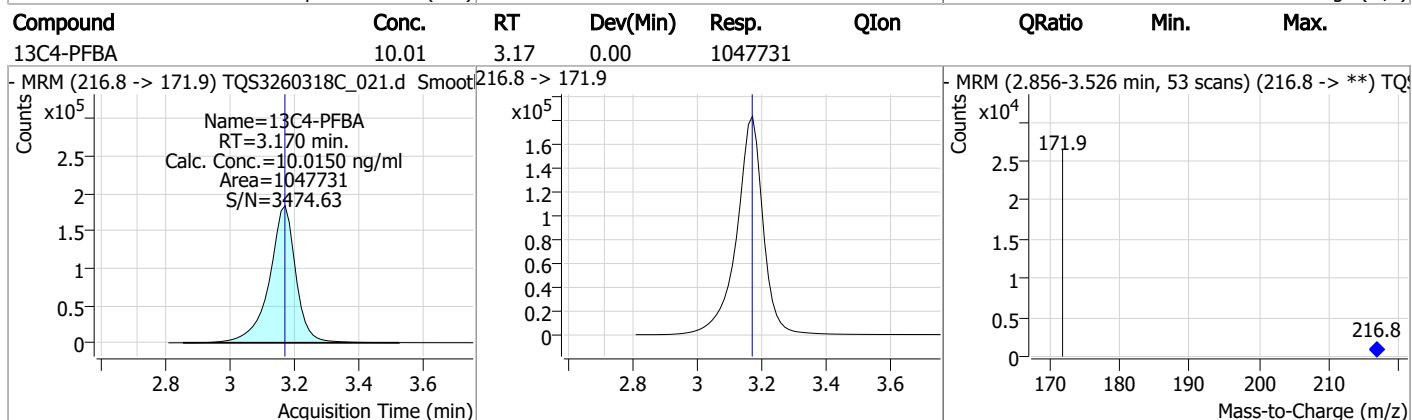
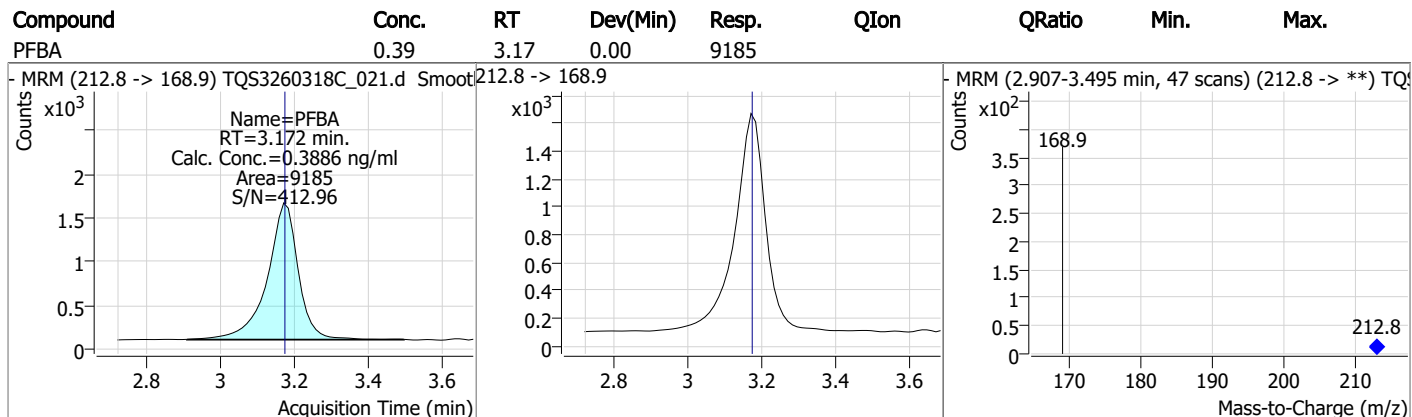
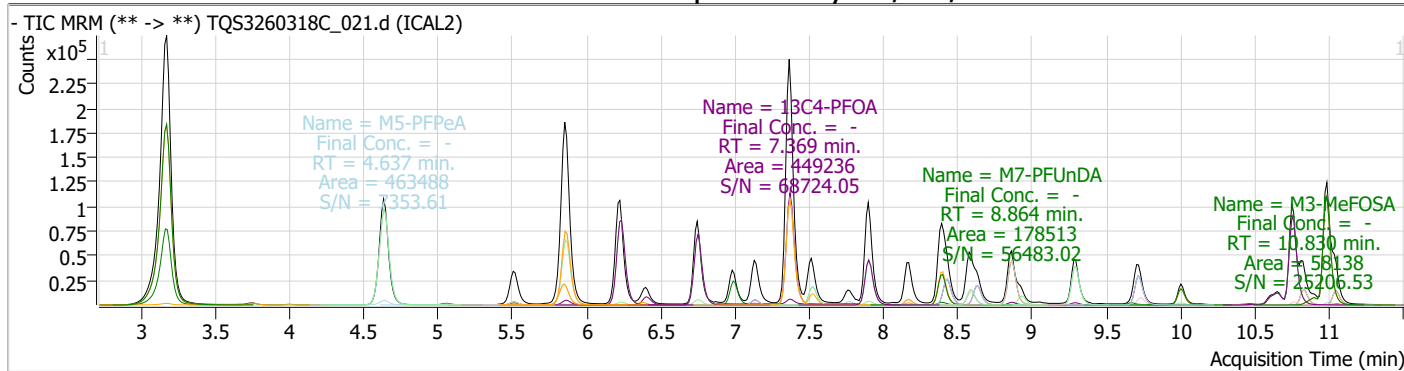
Target Compounds

							QValue
11CI-PF3OUdS	9.734	630.9 -> 450.9	28587		0.36	ng/ml	100
TDCA	-	498.9 -> 79.9	-	-	N.D.		
3:3 FTCA	3.997	241.0 -> 177.0	1597		0.36	ng/ml	98
4:2FTS	5.508	327.1 -> 307.0	9198		0.39	ng/ml	100
5:3 FTCA	6.402	341.0 -> 237.1	35276		2.21	ng/ml	96
6:2FTS	7.131	427.1 -> 407.0	8632		0.34	ng/ml	99
7:3 FTCA	7.766	441.0 -> 316.9	15004		2.14	ng/ml	97
8:2FTS	8.160	527.1 -> 507.0	8055		0.32	ng/ml	100
9CI-PF3ONS	8.930	530.8 -> 351.0	35531		0.38	ng/ml	100
ADONA	6.987	376.9 -> 250.9	95418		0.37	ng/ml	100
EtFOSA	11.072	526.0 -> 219.0	5288		0.26	ng/ml	97
EtFOSAA	8.639	584.2 -> 419.1	1266		0.10	ng/ml	94
EtFOSE	10.979	630.0 -> 58.9	13508		0.95	ng/ml	100
FOSA	9.721	498.1 -> 77.9	4141		0.09	ng/ml	99
HFPO-DA	6.236	284.9 -> 168.9	12260		0.37	ng/ml	95
MeFOSA	10.845	511.9 -> 219.0	1849		0.10	ng/ml	94
MeFOSAA	8.418	570.1 -> 419.0	1816		0.09	ng/ml	92
MeFOSE	10.783	616.1 -> 58.9	12975		0.95	ng/ml	100
NFDHA	5.740	295.0 -> 201.0	2350		0.19	ng/ml	92
PFBA	3.172	212.8 -> 168.9	9185		0.39	ng/ml	100

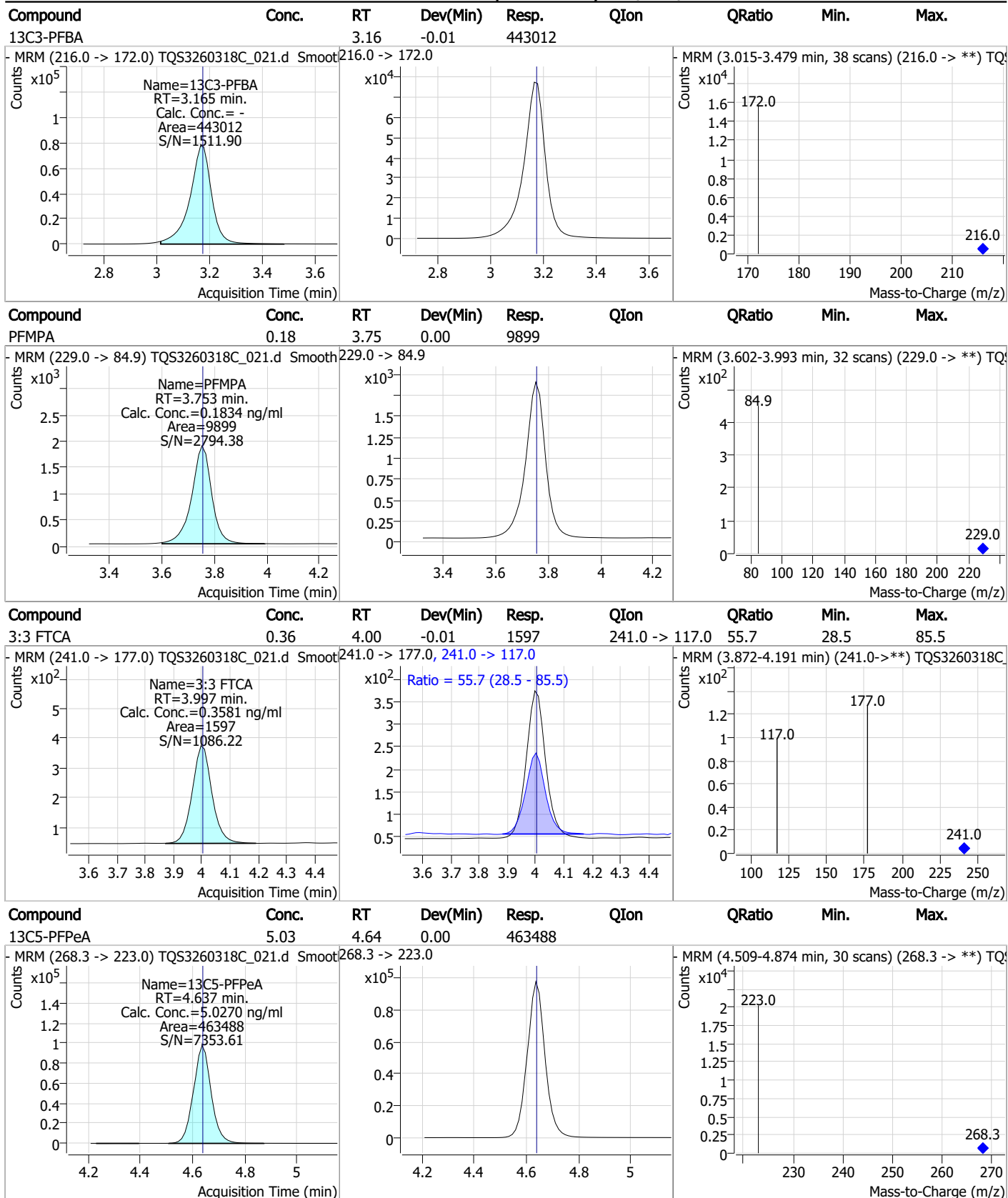
Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	3475	0.10 ng/ml	95
PFDA	8.398	512.9 -> 469.0	10440	0.09 ng/ml	96
PFDoDA	9.284	613.1 -> 569.0	8657	0.08 ng/ml	99
PFDoDS	10.142	699.1 -> 79.9	841	0.10 ng/ml	100
PFDS	9.462	599.0 -> 79.9	1289	0.09 ng/ml	97
PFEESA	6.381	314.8 -> 134.9	11224	0.09 ng/ml	97
PFHpA	6.751	363.1 -> 319.0	20575	0.09 ng/ml	98
PFHpS	8.080	449.0 -> 79.9	2780	0.09 ng/ml	97
PFHxA	5.859	313.0 -> 269.0	20453	0.11 ng/ml	100
PFHxS	7.504	398.7 -> 79.9	2908	0.12 ng/ml	96
PFMBA	5.065	279.0 -> 85.1	5402	0.09 ng/ml	100
PFMPA	3.753	229.0 -> 84.9	9899	0.18 ng/ml	100
PFNA	7.900	463.0 -> 419.0	13907	0.09 ng/ml	97
PFNS	9.053	548.8 -> 79.9	1910	0.10 ng/ml	93
PFOA	7.371	413.0 -> 369.0	19628	0.10 ng/ml	97
PFOS	8.568	498.9 -> 79.9	2486	0.09 ng/ml	84
PFPeA	4.640	263.0 -> 219.0	21697	0.19 ng/ml	100
PFPeS	6.853	349.1 -> 79.9	2932	0.09 ng/ml	89
PFTeDA	10.002	713.1 -> 669.0	7716	0.10 ng/ml	98
PFTTrDA	9.668	663.0 -> 619.0	8707	0.10 ng/ml	99
PFUnDA	8.865	563.1 -> 519.0	10635	0.09 ng/ml	98

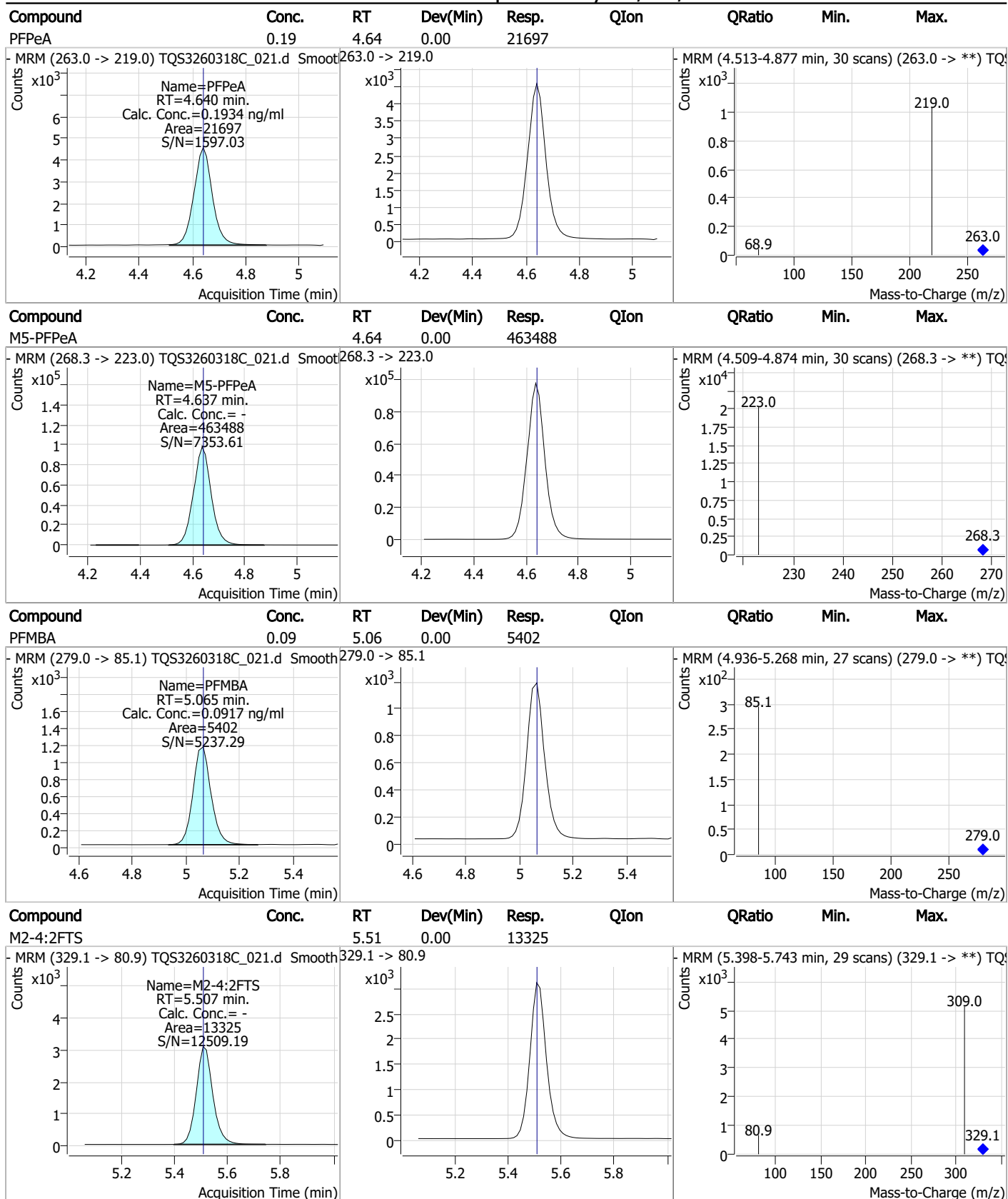
= Qualifier out of range, m = manually integrated, + = Area summed



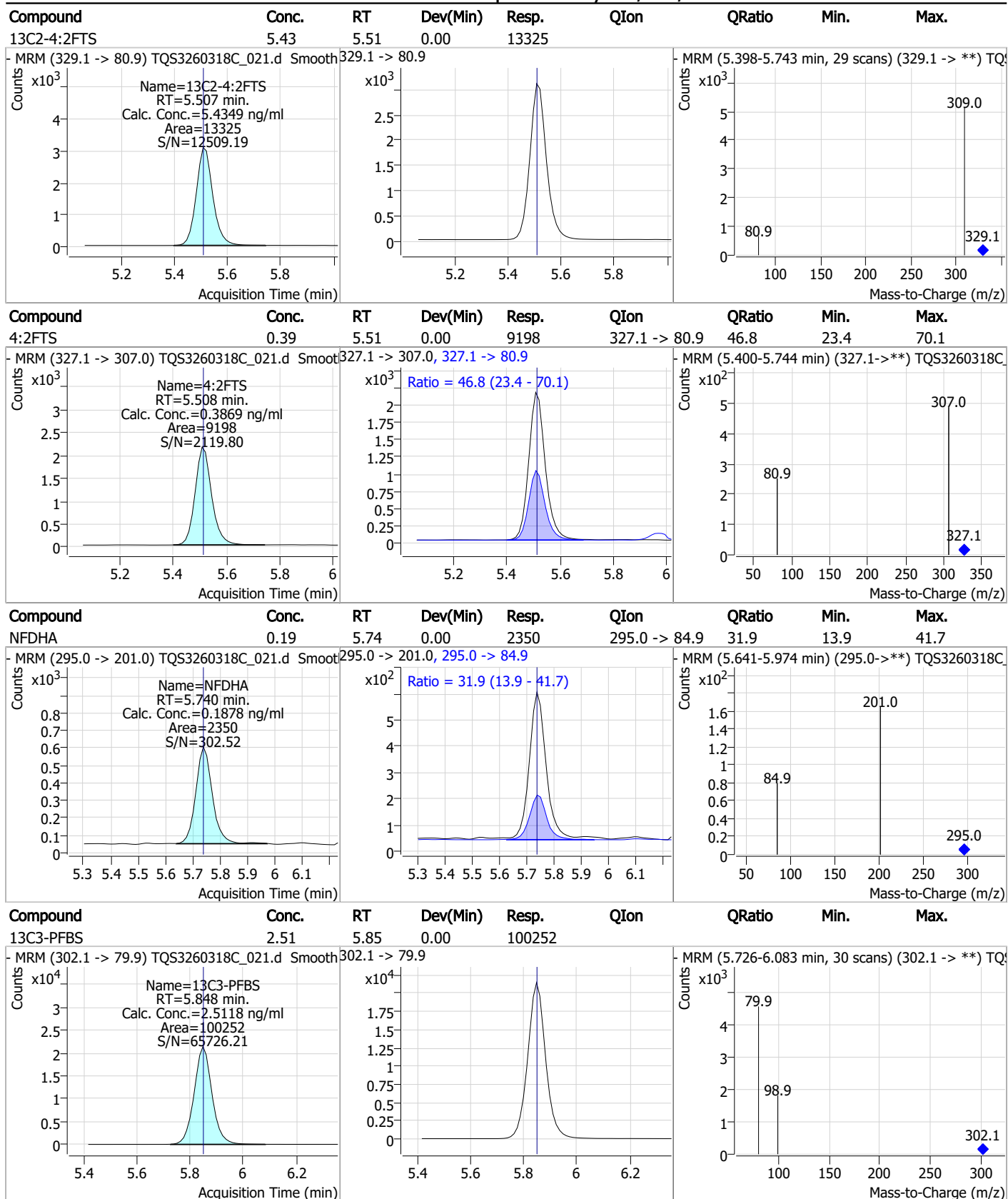
Perfluorinated Compounds by LC/MS/MS



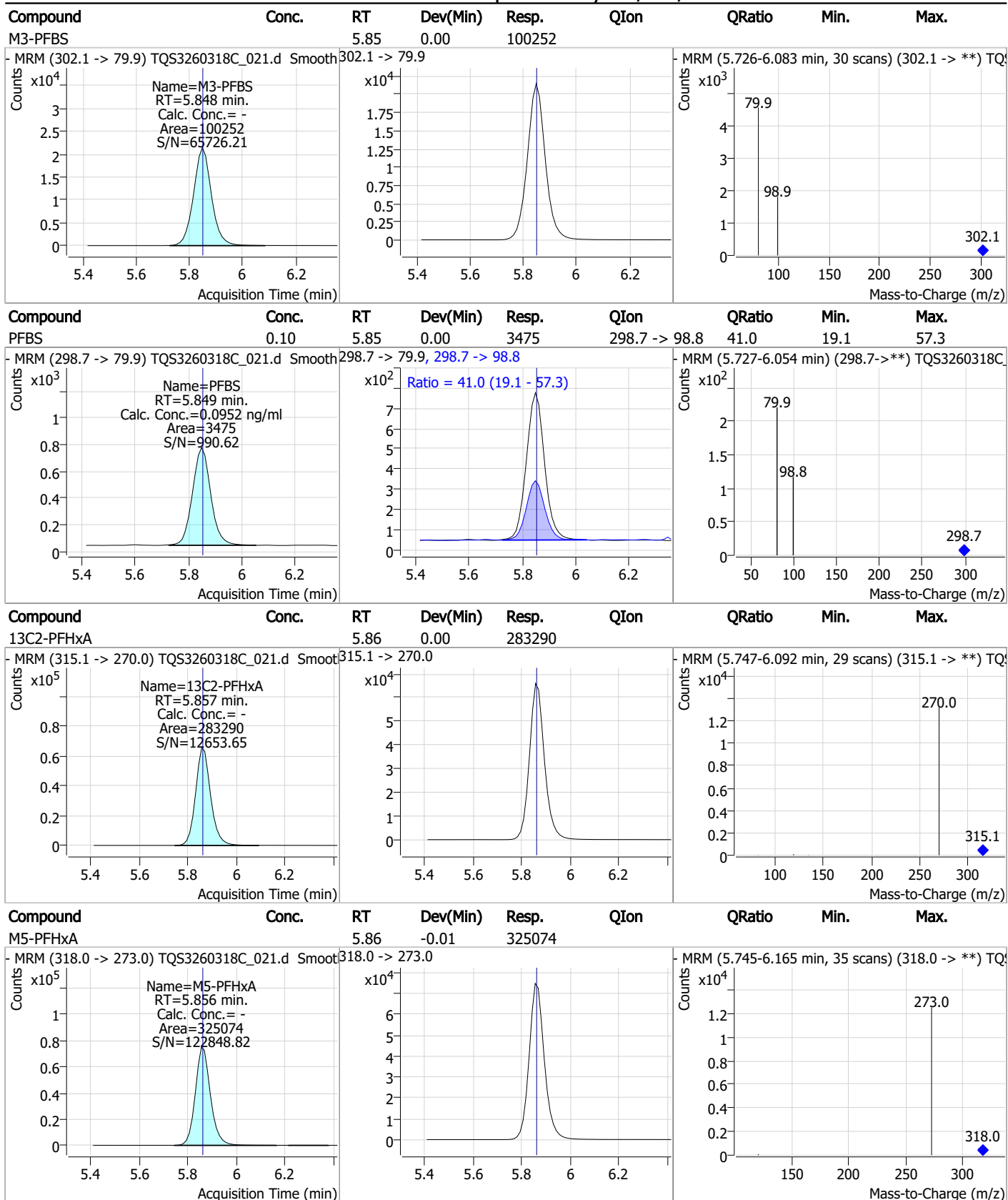
Perfluorinated Compounds by LC/MS/MS



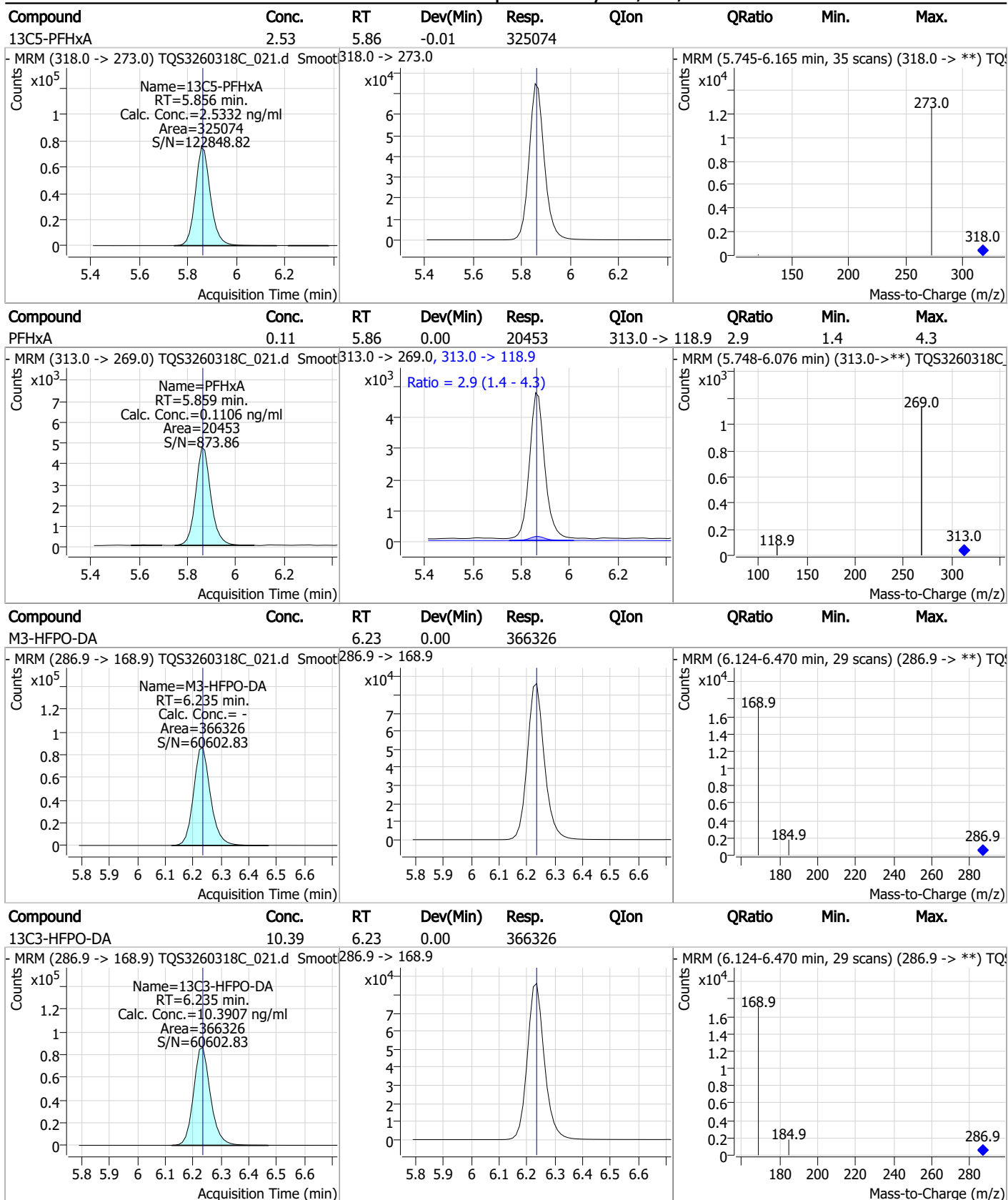
Perfluorinated Compounds by LC/MS/MS



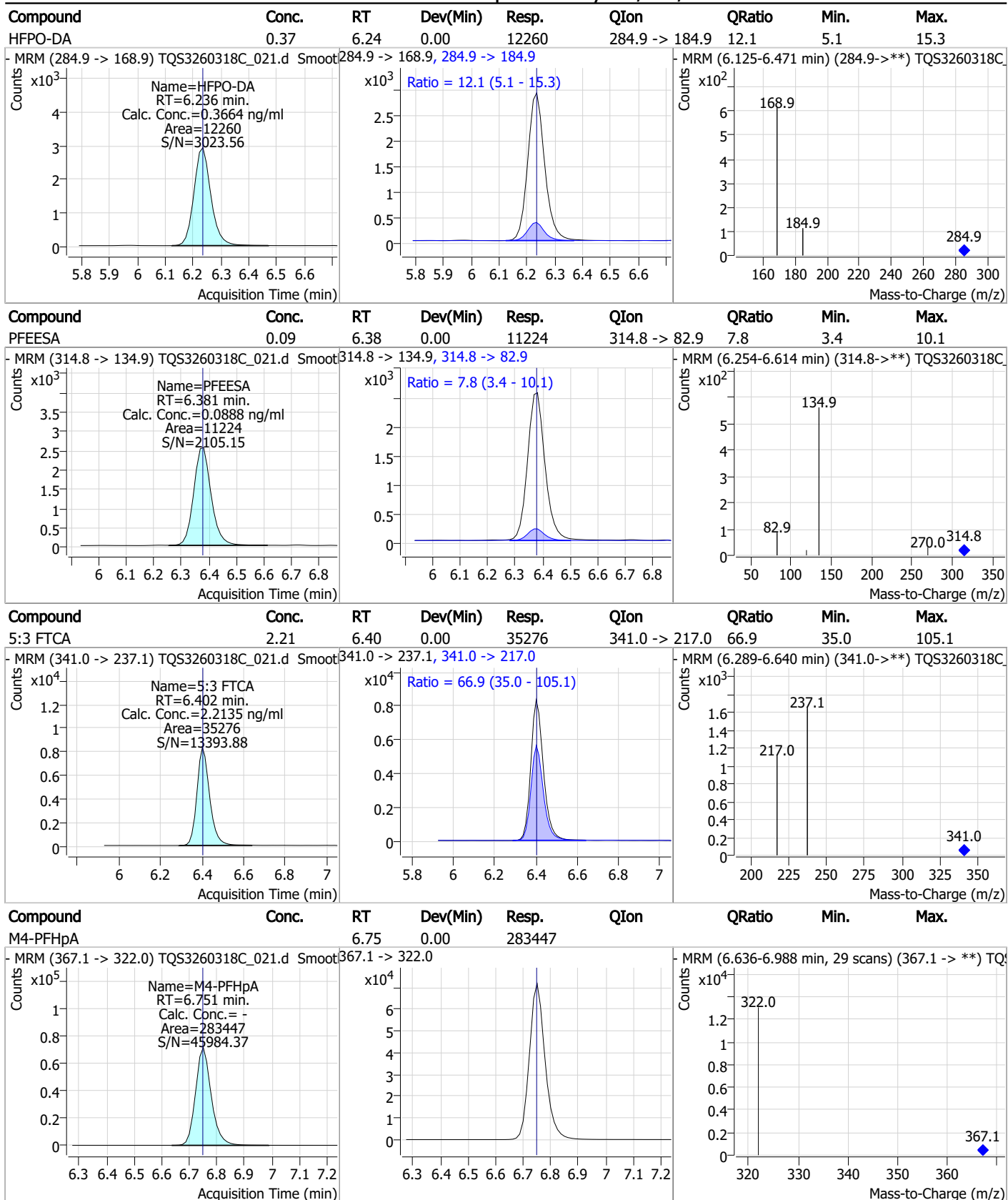
Perfluorinated Compounds by LC/MS/MS



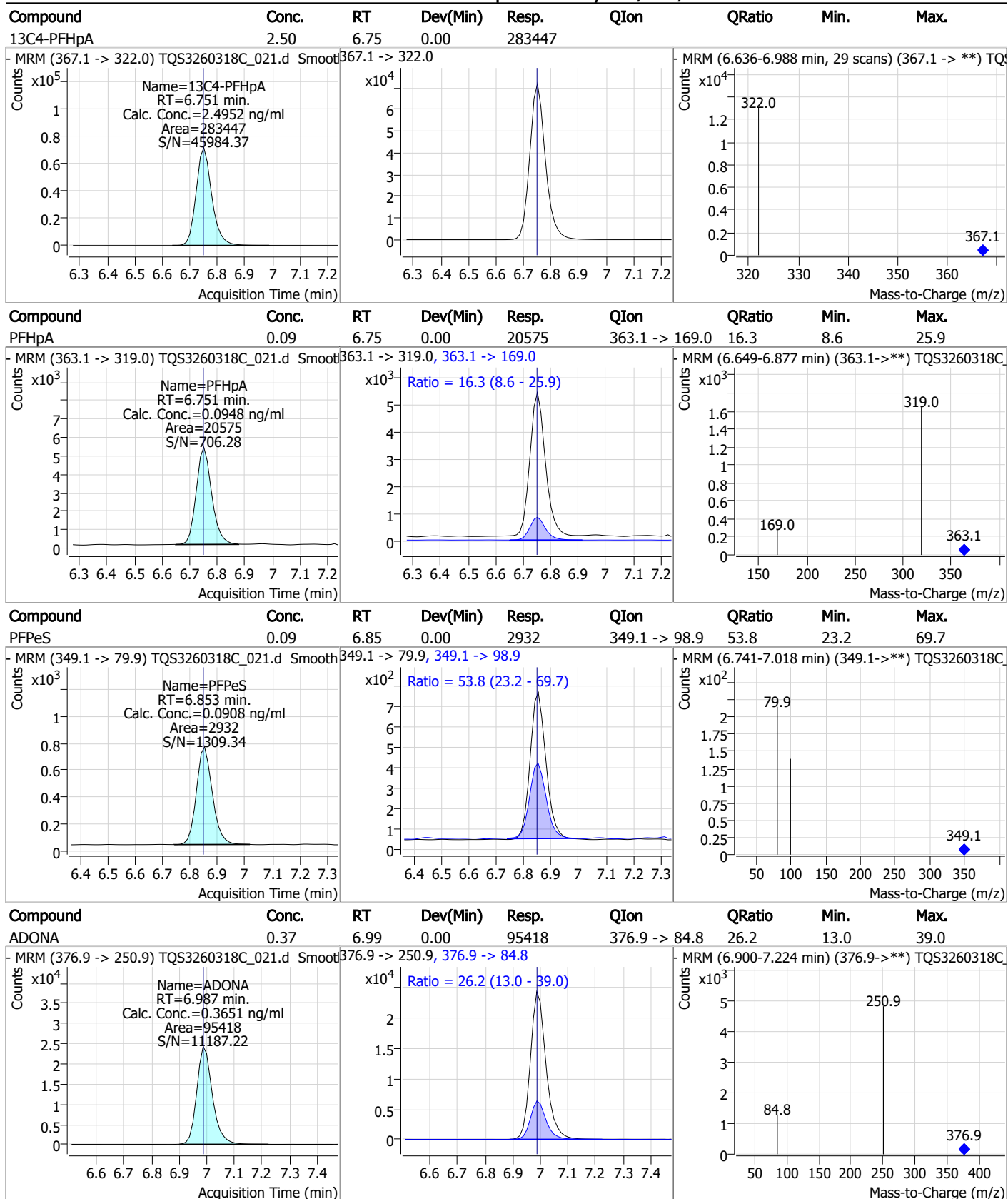
Perfluorinated Compounds by LC/MS/MS



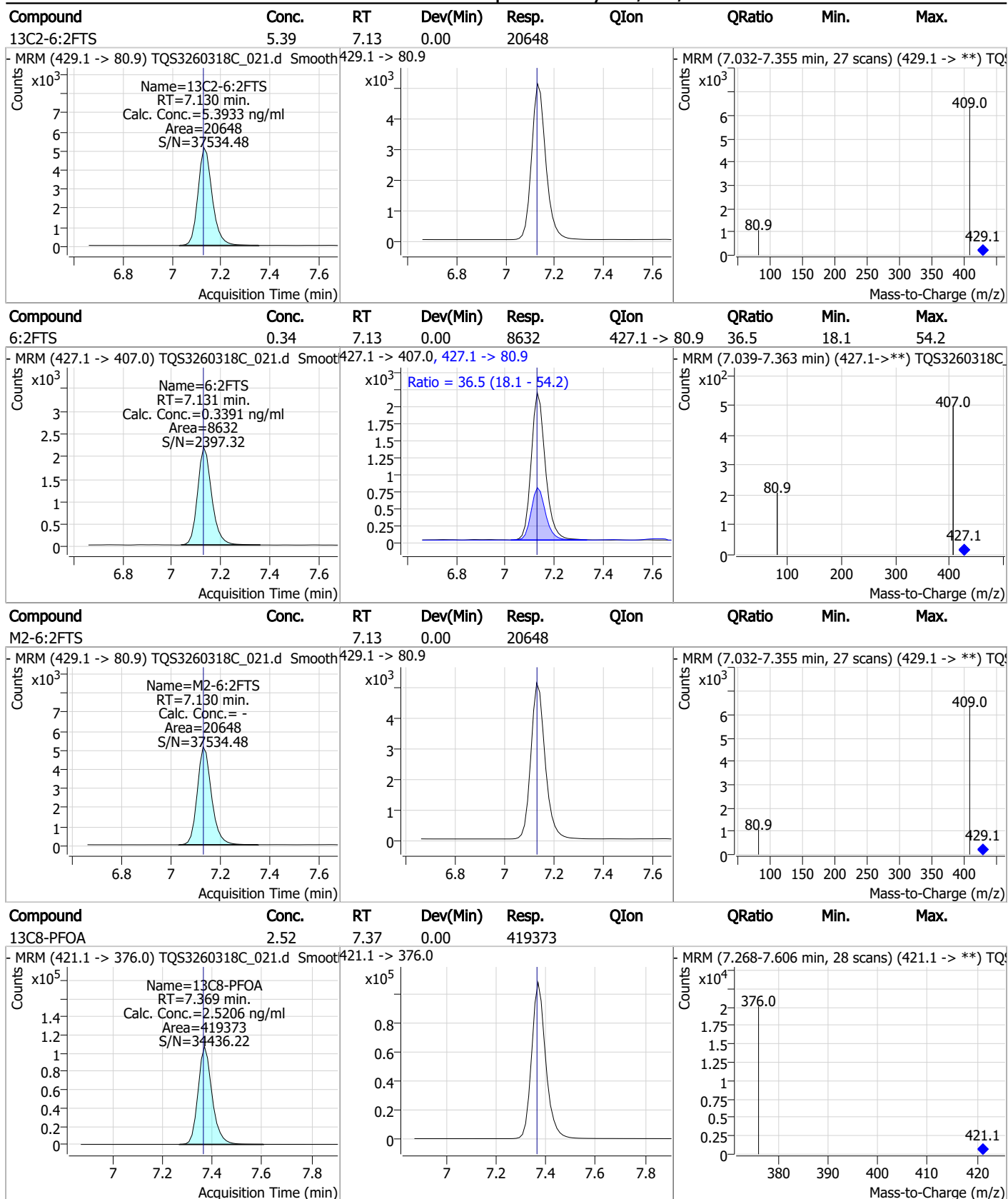
Perfluorinated Compounds by LC/MS/MS



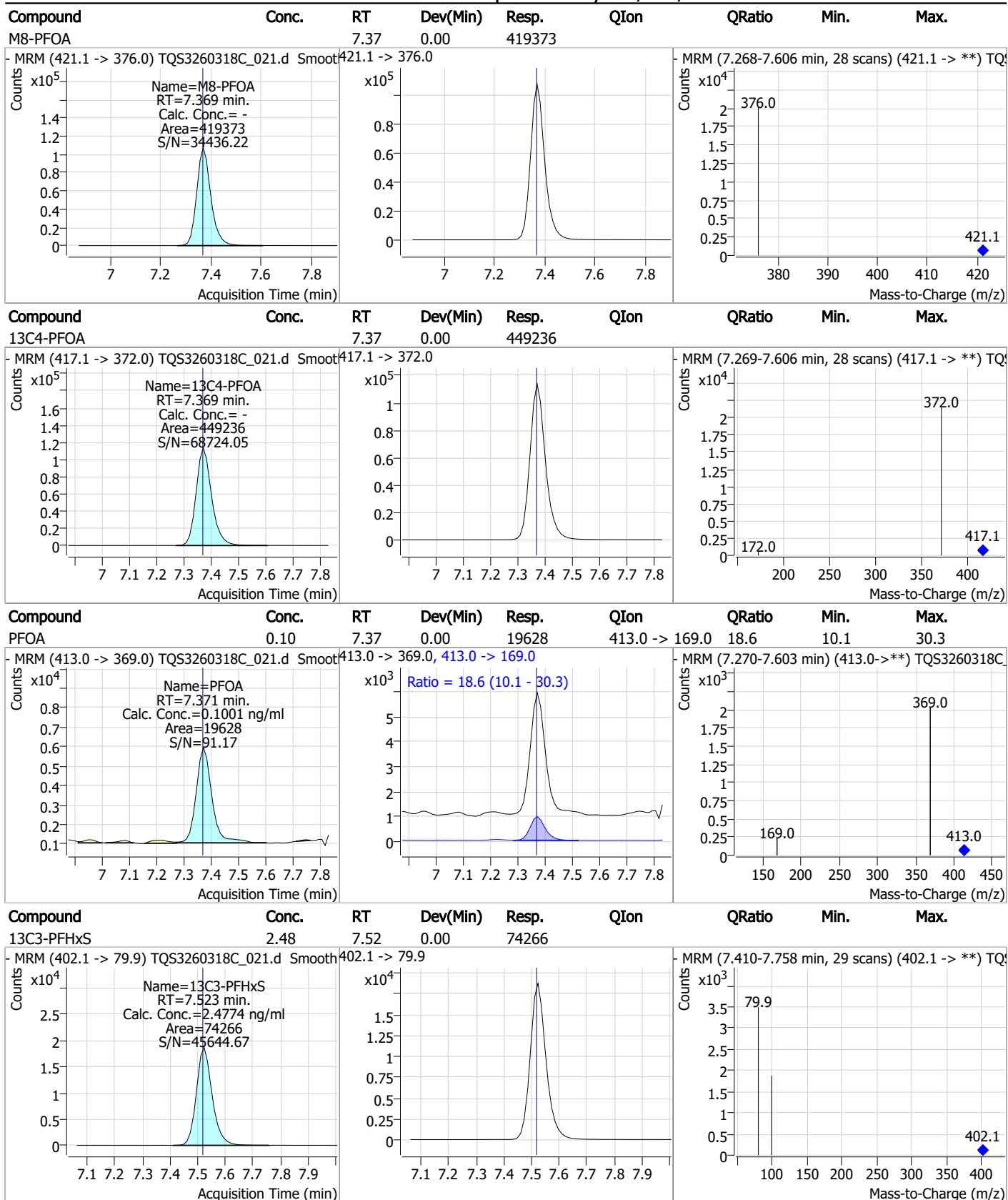
Perfluorinated Compounds by LC/MS/MS



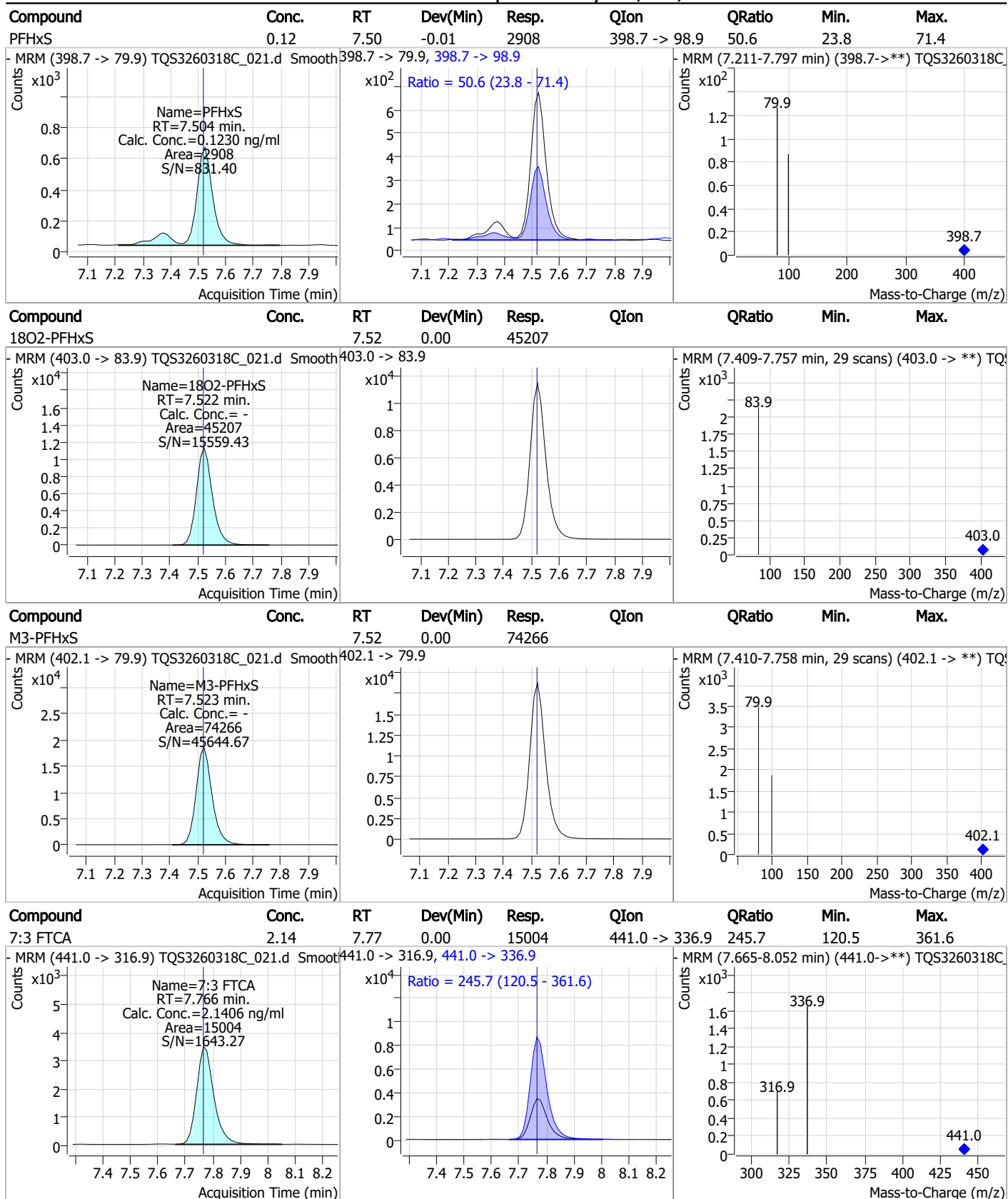
Perfluorinated Compounds by LC/MS/MS



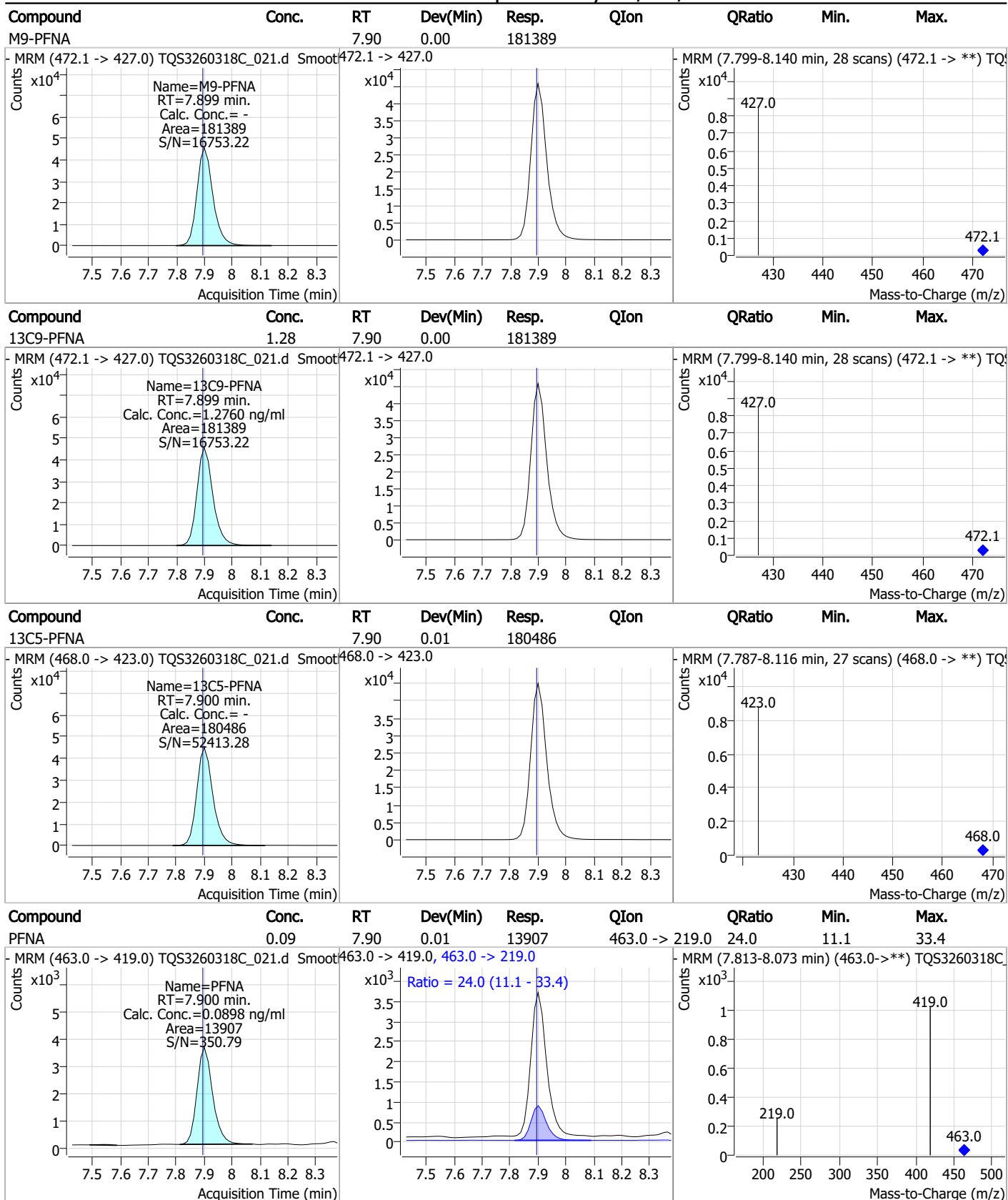
Perfluorinated Compounds by LC/MS/MS



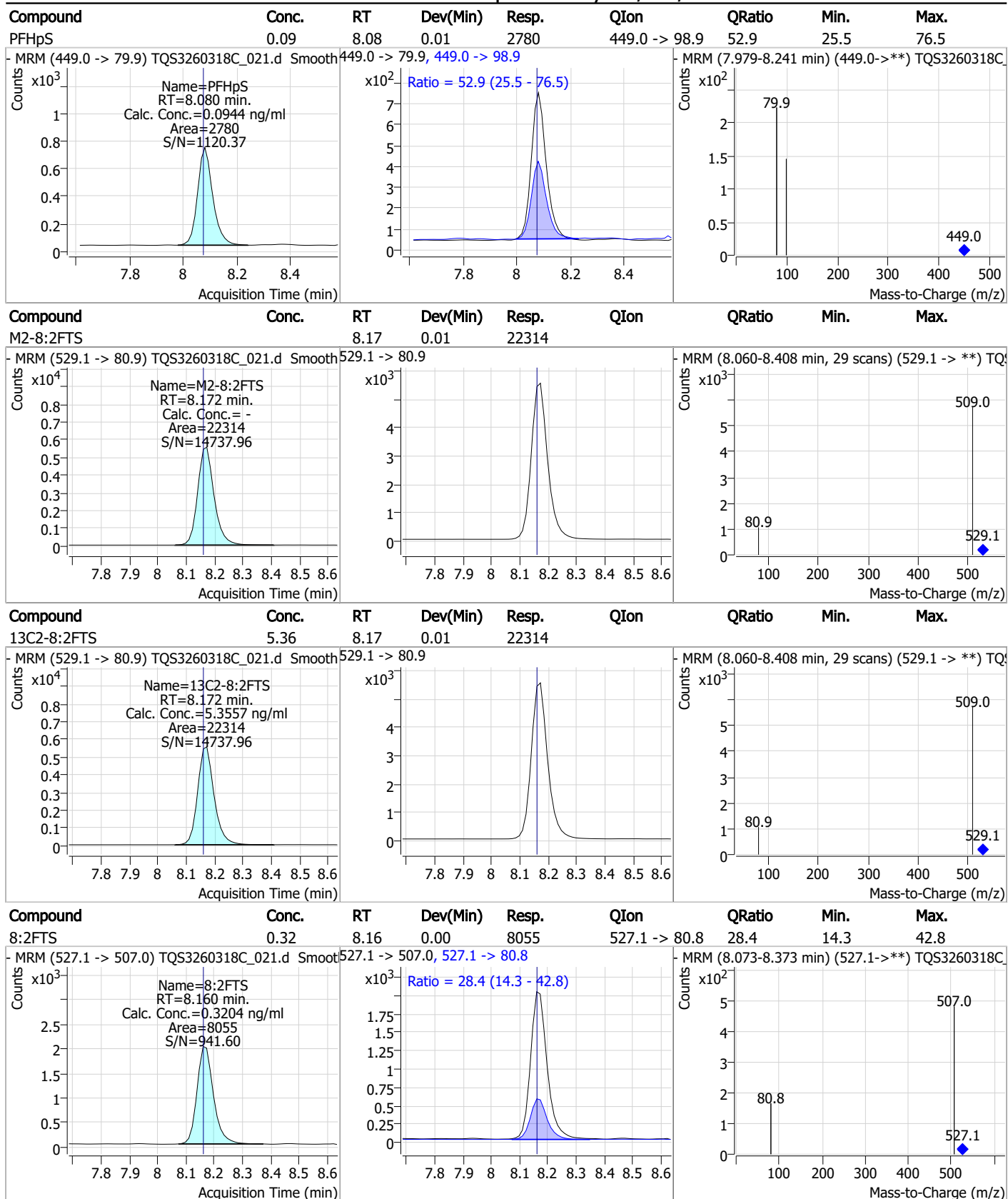
Perfluorinated Compounds by LC/MS/MS



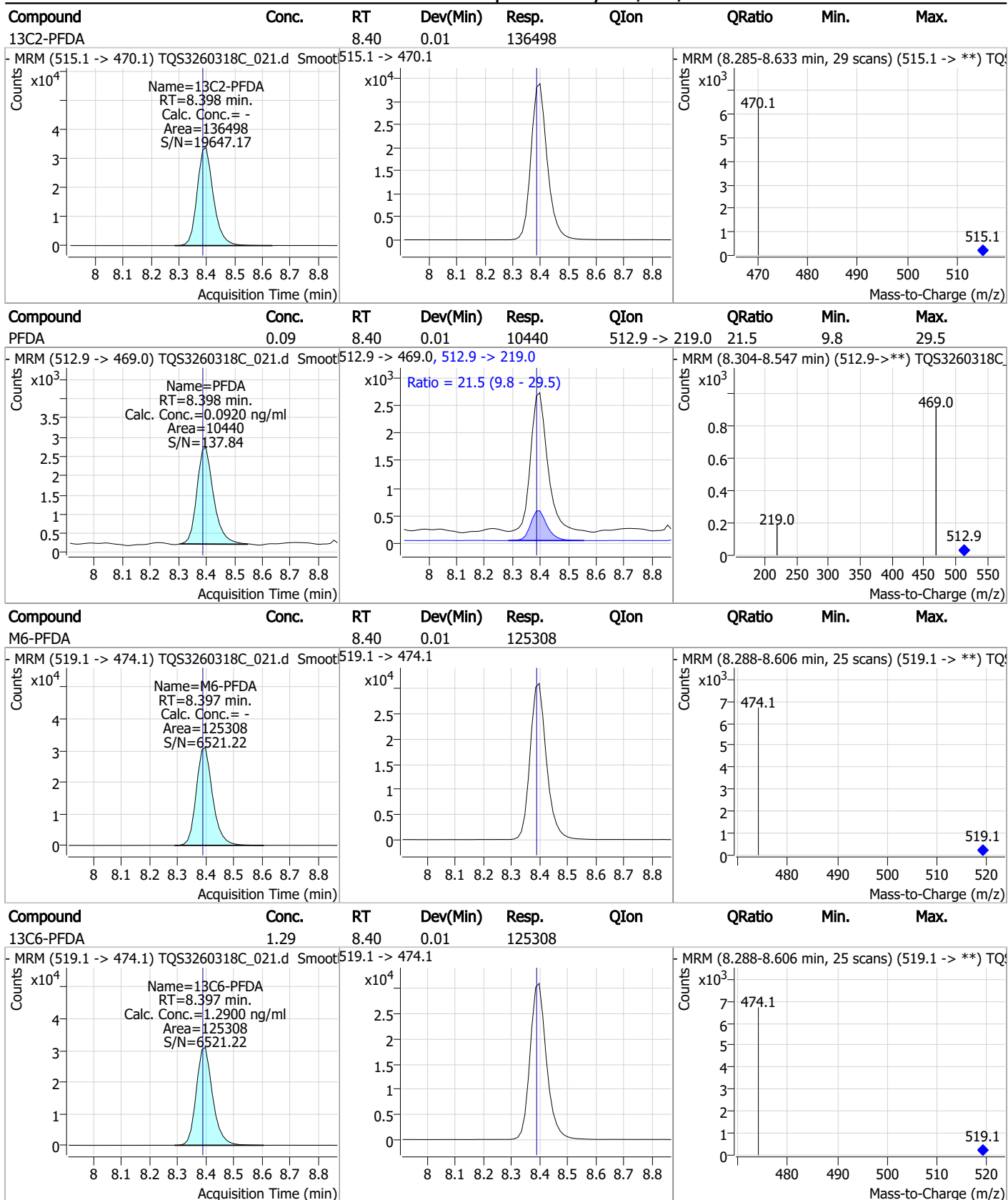
Perfluorinated Compounds by LC/MS/MS



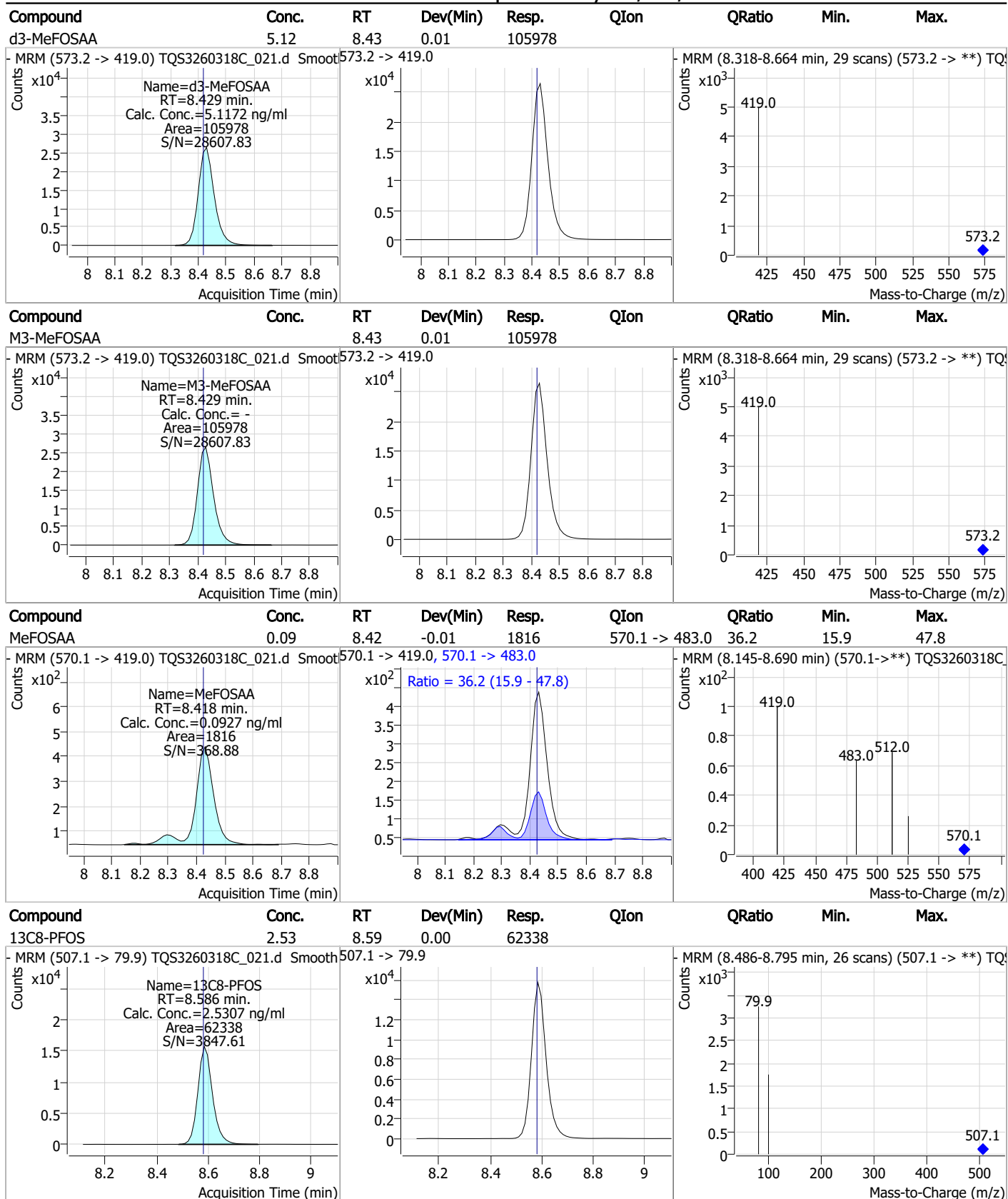
Perfluorinated Compounds by LC/MS/MS



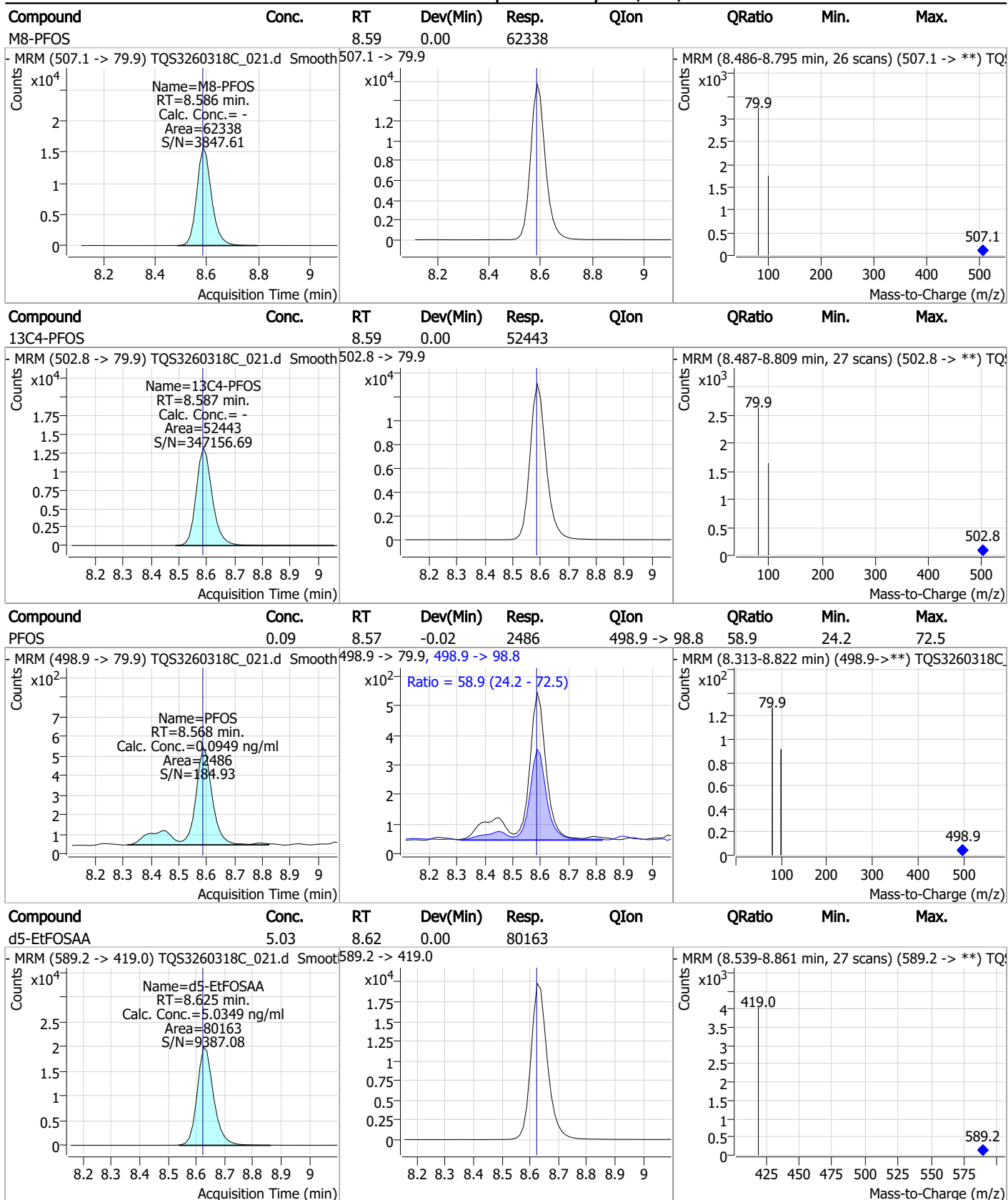
Perfluorinated Compounds by LC/MS/MS



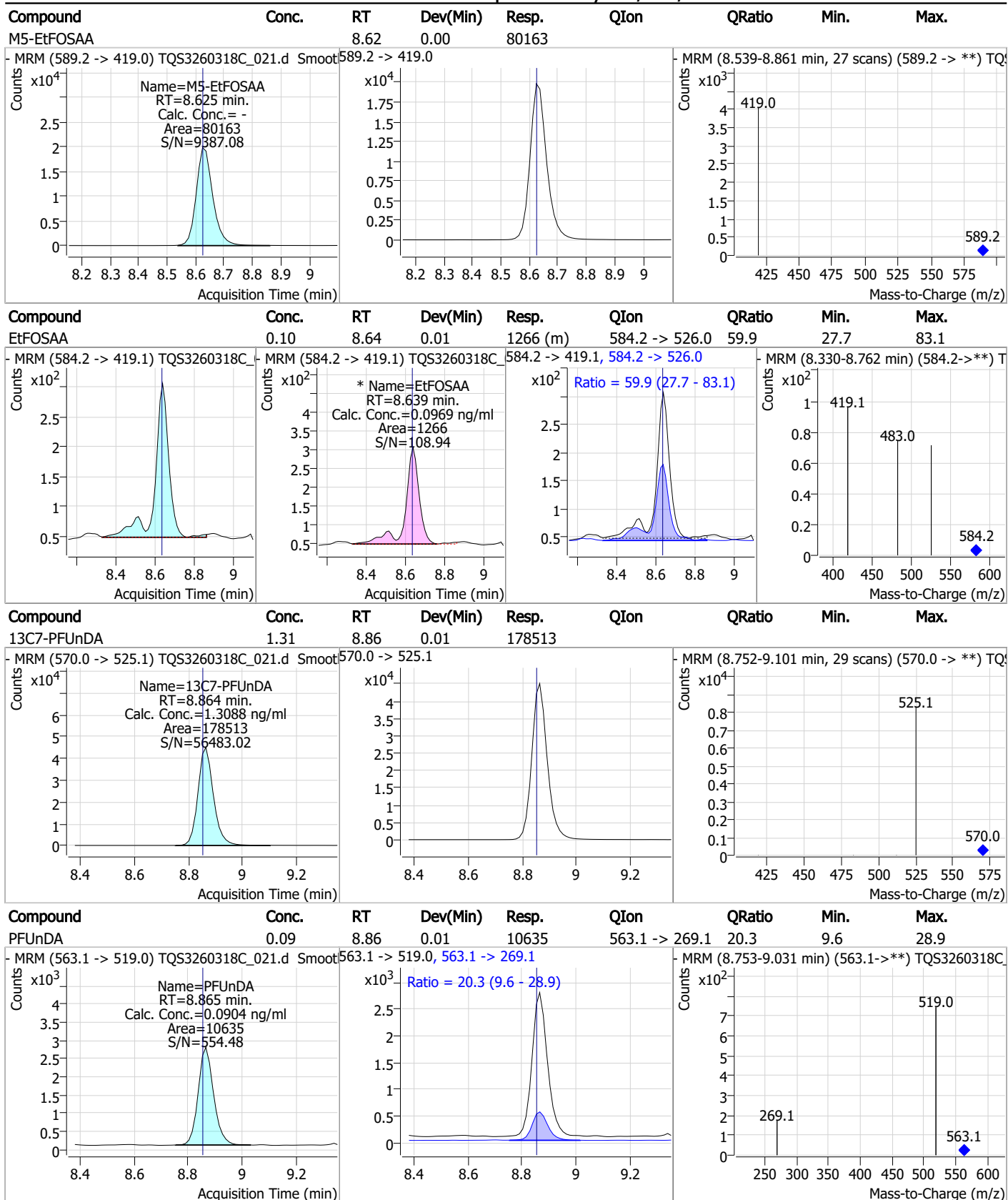
Perfluorinated Compounds by LC/MS/MS



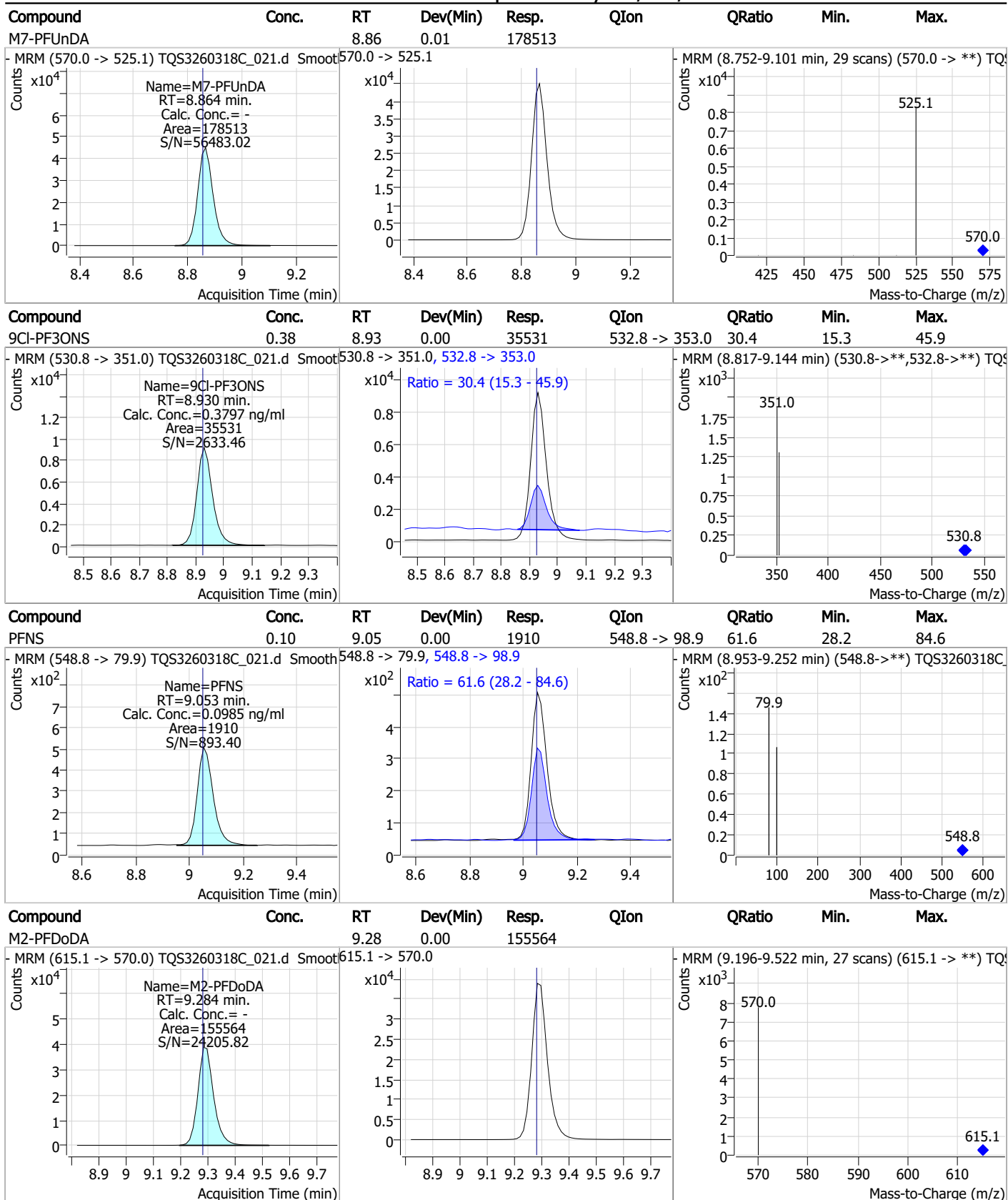
Perfluorinated Compounds by LC/MS/MS



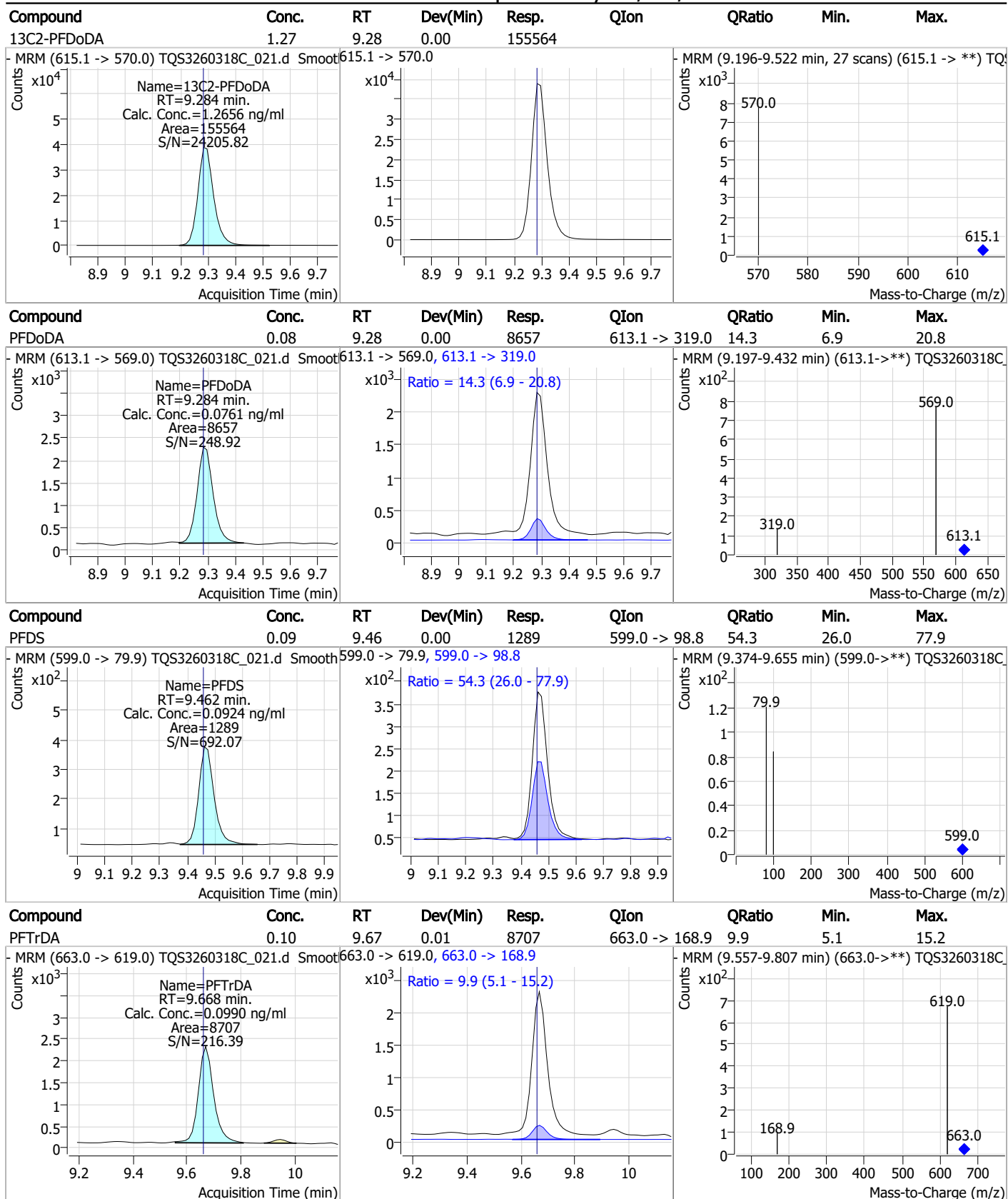
Perfluorinated Compounds by LC/MS/MS



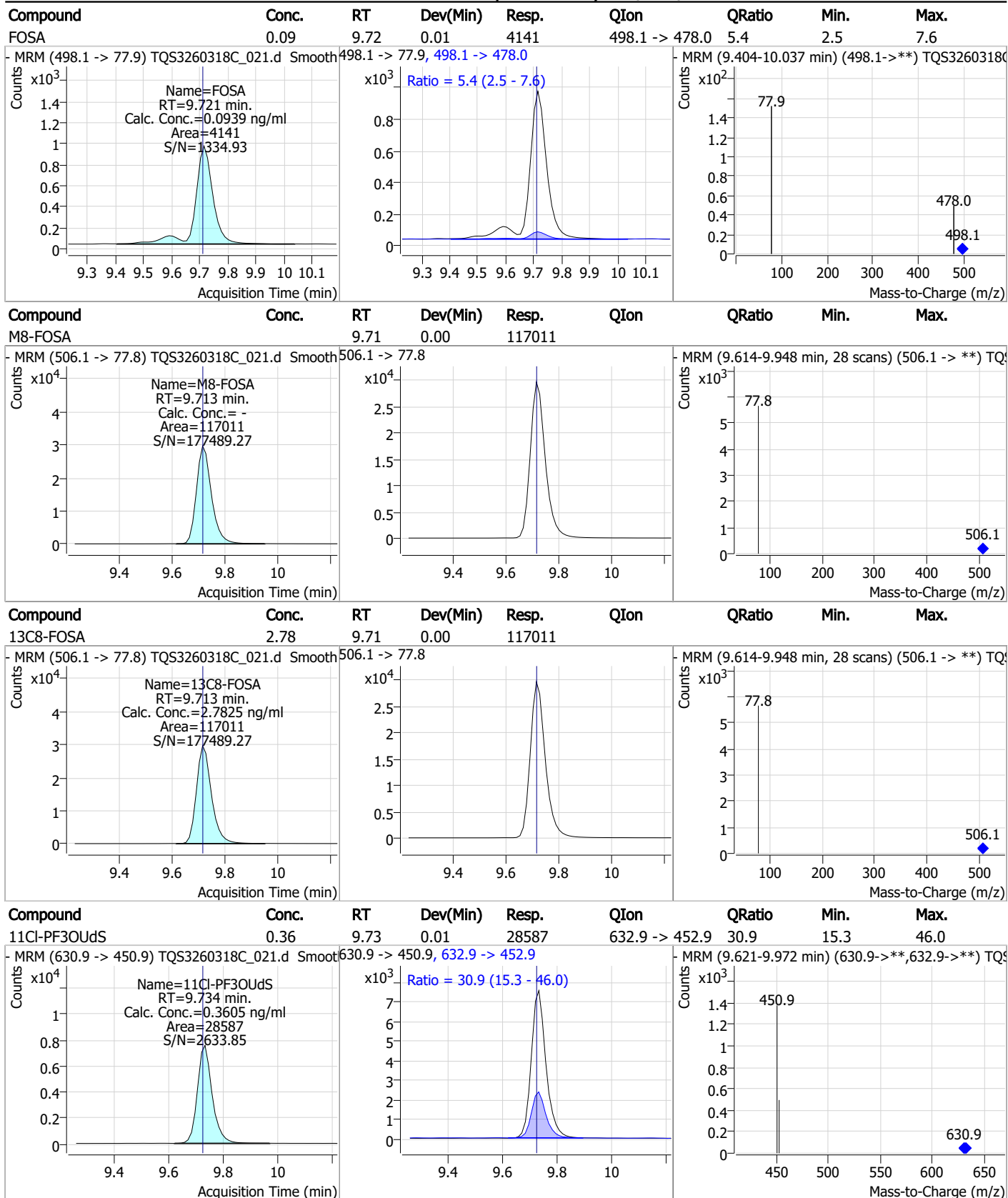
Perfluorinated Compounds by LC/MS/MS



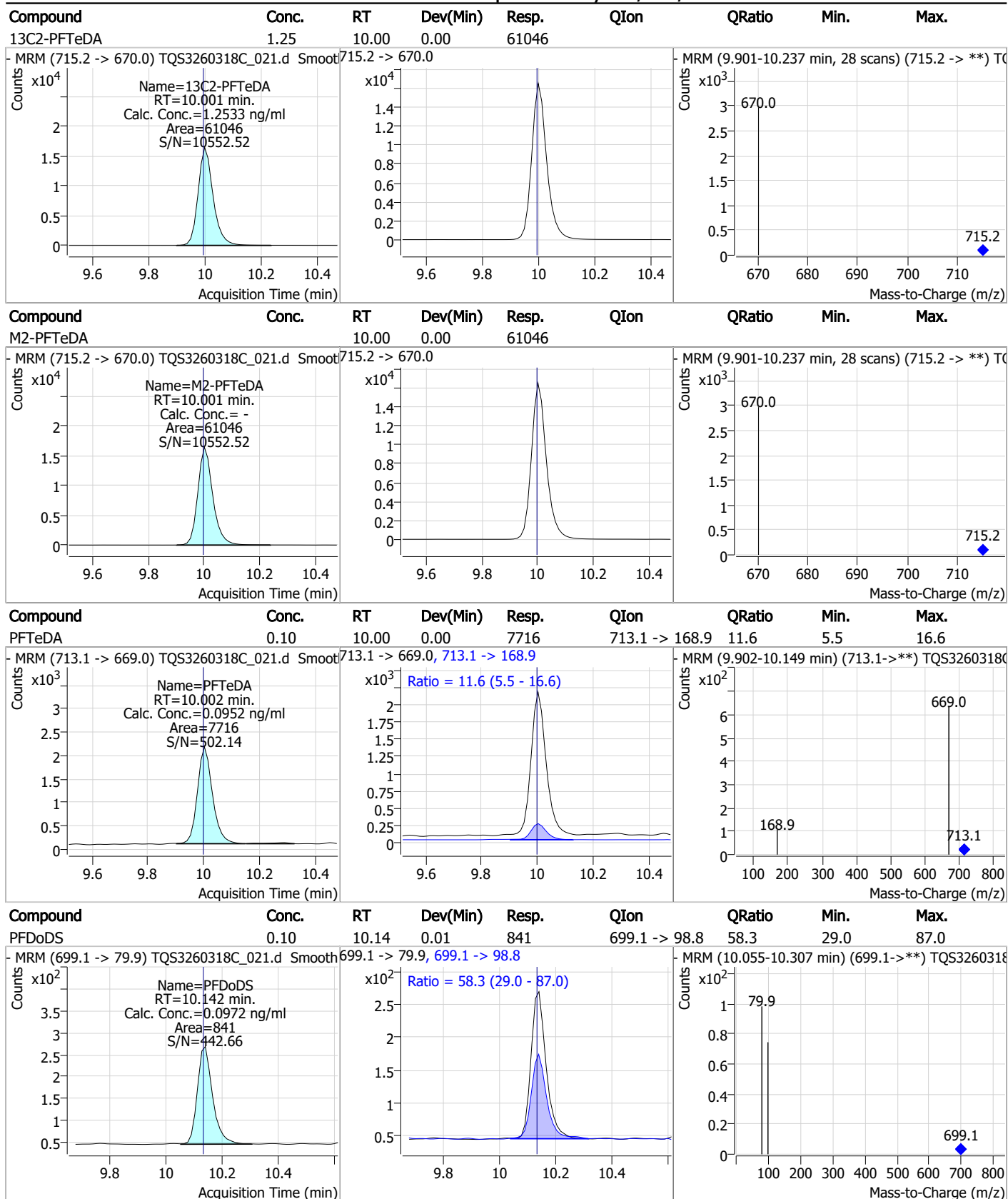
Perfluorinated Compounds by LC/MS/MS



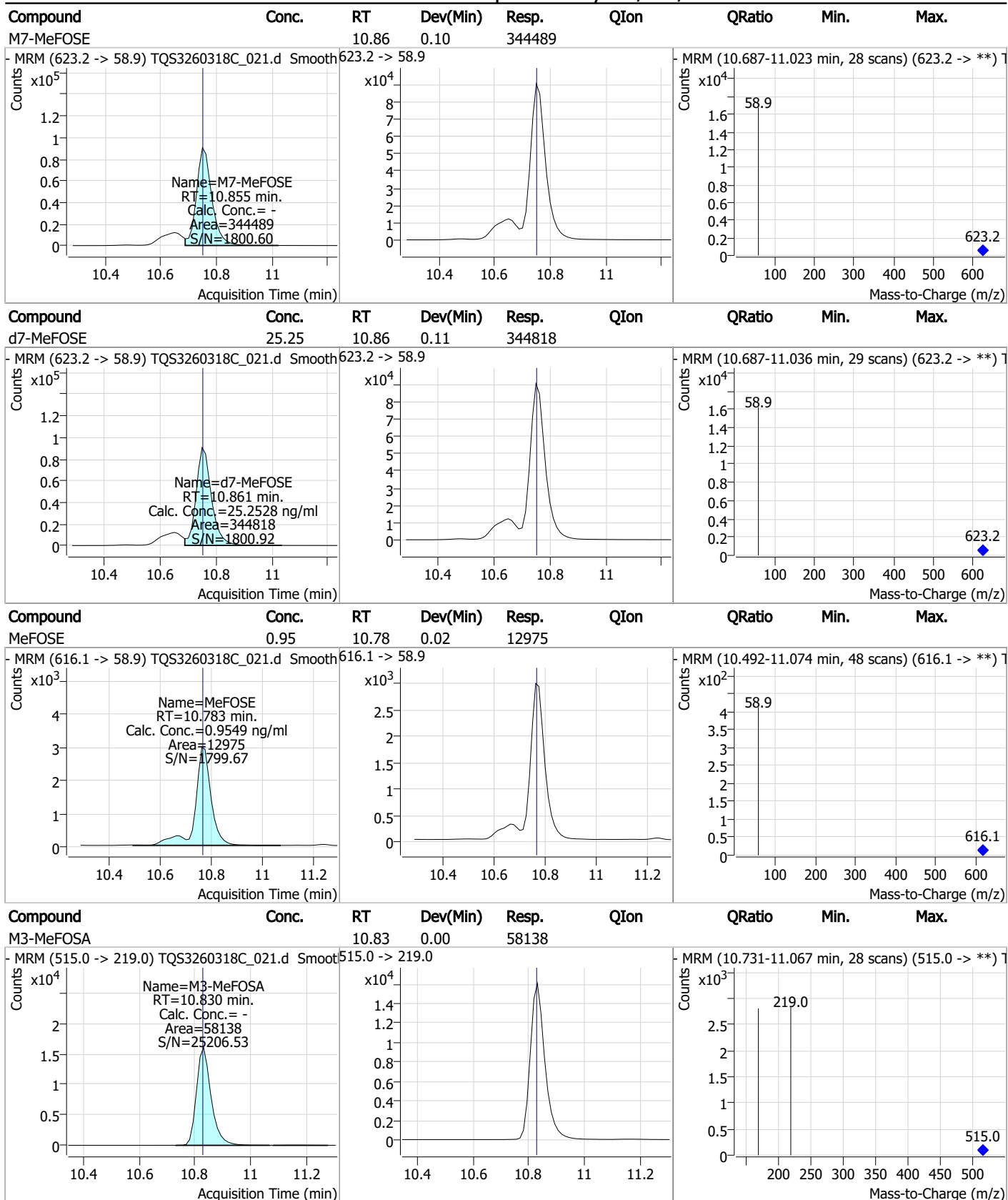
Perfluorinated Compounds by LC/MS/MS



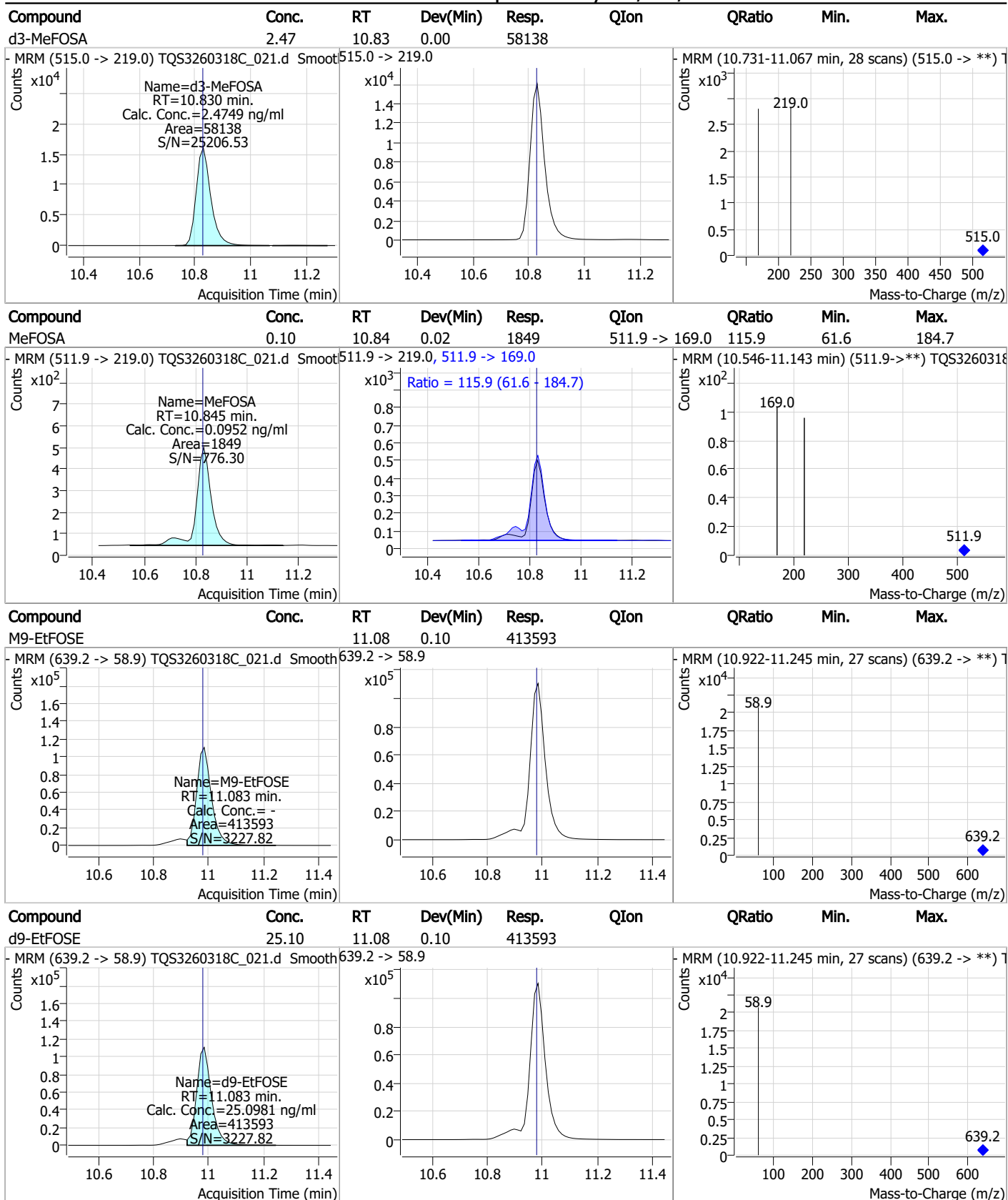
Perfluorinated Compounds by LC/MS/MS



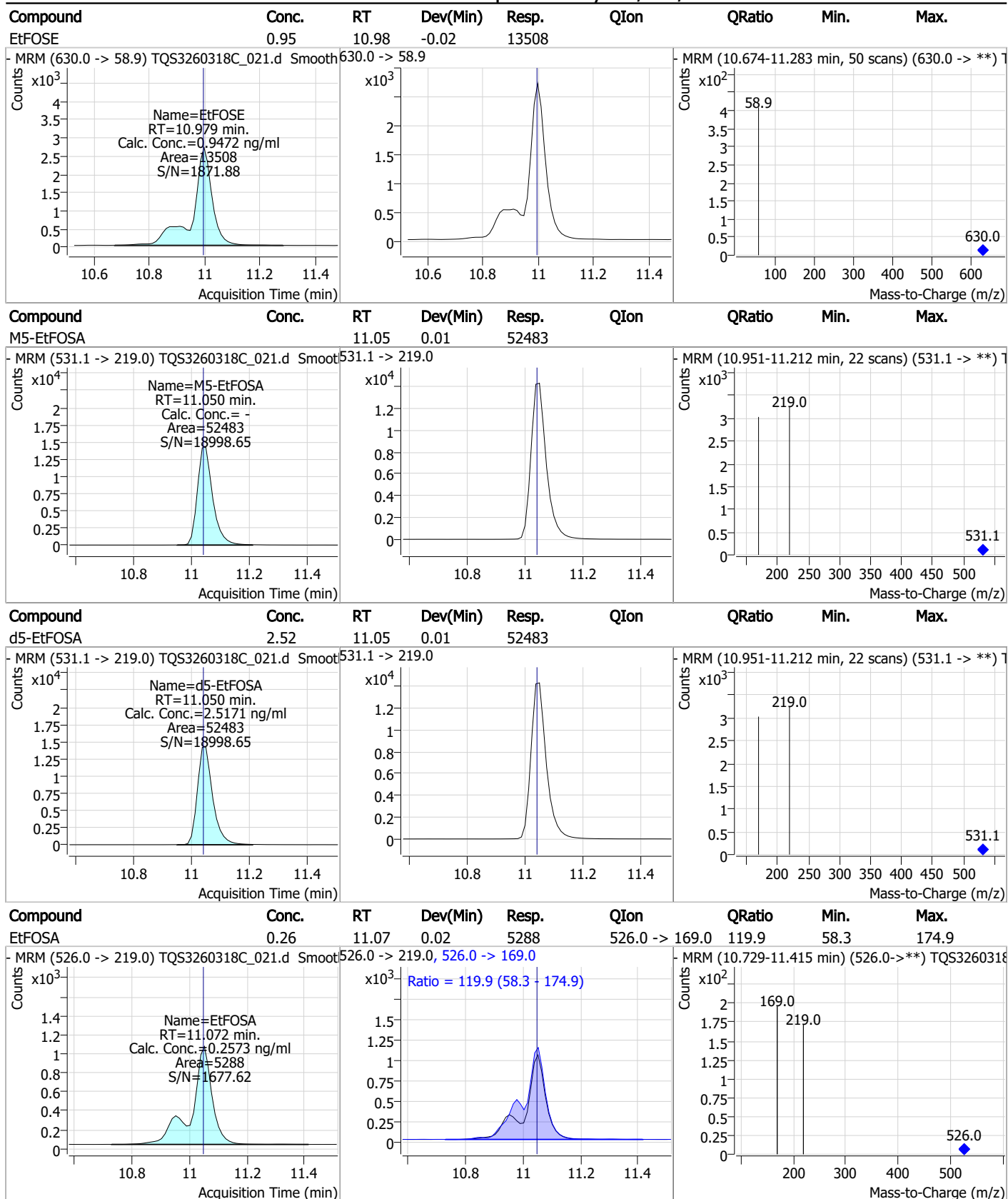
Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Data File : TQS3260318C_022.d
 Operator
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/18/2026 10:57:06 PM
 Sample Name : ICAL3
 Vial : P3-A5
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3913_ICAL_C_1633.batch.bin
 Sample Information : AXYS C 0.2ng/mL (1633 LOQ)

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Internal Standards						
13C2-PFDA	8.398	515.1 -> 470.1	137641		1.25 ng/ml	0.012
13C2-PFHxA	5.870	315.1 -> 270.0	277860		2.50 ng/ml	0.008
13C3-PFBA	3.177	216.0 -> 172.0	432848		5.00 ng/ml	0.004
13C4-PFOA	7.369	417.1 -> 372.0	442507		2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	54311		2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	183353		1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	44601		2.50 ng/ml	0.002
M2-4:2FTS	5.520	329.1 -> 80.9	13212		5.00 ng/ml	0.011
M2-6:2FTS	7.143	429.1 -> 80.9	20258		5.00 ng/ml	0.011
M2-8:2FTS	8.172	529.1 -> 80.9	22484		5.00 ng/ml	0.012
M2-PFDoDA	9.284	615.1 -> 570.0	148878		1.25 ng/ml	0.003
M2-PFTeDA	10.001	715.2 -> 670.0	59482		1.25 ng/ml	0.004
M3-HFPO-DA	6.235	286.9 -> 168.9	359789		10.00 ng/ml	0.000
M3-MeFOSA	10.830	515.0 -> 219.0	56973		2.50 ng/ml	0.003
M3-MeFOSAA	8.429	573.2 -> 419.0	101964		5.00 ng/ml	0.009
M3-PFBS	5.848	302.1 -> 79.9	97344		2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	74229		2.50 ng/ml	0.002
M4-PFBA	3.173	216.8 -> 171.9	1015660		10.00 ng/ml	0.000
M4-PFHpA	6.751	367.1 -> 322.0	281772		2.50 ng/ml	0.002
M5-EtFOSA	11.050	531.1 -> 219.0	53183		2.50 ng/ml	0.009
M5-EtFOSAA	8.625	589.2 -> 419.0	76921		5.00 ng/ml	-0.001
M5-PFHxA	5.868	318.0 -> 273.0	314914		2.50 ng/ml	0.006
M5-PFPeA	4.637	268.3 -> 223.0	450529		5.00 ng/ml	-0.005
M6-PFDA	8.397	519.1 -> 474.1	124765		1.25 ng/ml	0.009
M7-MeFOSE	10.855	623.2 -> 58.9	351549		25.00 ng/ml	0.105
M7-PFUnDA	8.864	570.0 -> 525.1	174345		1.25 ng/ml	0.010
M8-FOSA	9.713	506.1 -> 77.8	110963		2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	402296		2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	62914		2.50 ng/ml	0.001
M9-EtFOSE	11.083	639.2 -> 58.9	392847		25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	176754		1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.520	329.1 -> 80.9	13212		5.46 ng/ml	0.011
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 109.2%	
13C2-6:2FTS	7.143	429.1 -> 80.9	20258		5.36 ng/ml	0.014
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 107.3%	
13C2-8:2FTS	8.172	529.1 -> 80.9	22484		5.47 ng/ml	0.012
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 109.4%	
13C2-PFDoDA	9.284	615.1 -> 570.0	148878		1.20 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 96.1%	
13C2-PFTeDA	10.001	715.2 -> 670.0	59482		1.21 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 96.9%	
13C3-HFPO-DA	6.235	286.9 -> 168.9	359789		10.40 ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 104.0%	
d3-MeFOSA	10.830	515.0 -> 219.0	56973		2.34 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 93.7%	
d3-MeFOSAA	8.429	573.2 -> 419.0	101964	4.75 ng/ml	0.012
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 95.1%	
13C3-PFBS	5.848	302.1 -> 79.9	97344	2.47 ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 98.9%	
13C3-PFHxS	7.523	402.1 -> 79.9	74229	2.51 ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 100.4%	
13C4-PFBA	3.172	216.8 -> 171.9	1021881	10.00 ng/ml	-0.001
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 100.0%	
13C4-PFHpA	6.751	367.1 -> 322.0	281772	2.53 ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 101.2%	
d5-EtFOSA	11.050	531.1 -> 219.0	53183	2.46 ng/ml	0.009
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 98.5%	
d5-EtFOSAA	8.625	589.2 -> 419.0	76921	4.67 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 93.3%	
13C5-PFHxA	5.868	318.0 -> 273.0	314914	2.50 ng/ml	0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 100.1%	
13C5-PFPeA	4.637	268.3 -> 223.0	450529	4.98 ng/ml	-0.003
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 99.6%	
13C6-PFDA	8.397	519.1 -> 474.1	124765	1.27 ng/ml	0.009
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 101.9%	
d7-MeFOSE	10.861	623.2 -> 58.9	351629	24.87 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%			Recovery = 99.5%	
13C7-PFUnDA	8.864	570.0 -> 525.1	174345	1.27 ng/ml	0.011
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 101.4%	
13C8-FOSA	9.713	506.1 -> 77.8	110963	2.55 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 101.9%	
13C8-PFOA	7.369	421.1 -> 376.0	402296	2.45 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 98.2%	
13C8-PFOS	8.586	507.1 -> 79.9	62914	2.47 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 98.7%	
d9-EtFOSE	11.083	639.2 -> 58.9	392847	23.02 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%			Recovery = 92.1%	
13C9-PFNA	7.899	472.1 -> 427.0	176754	1.22 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 97.9%	

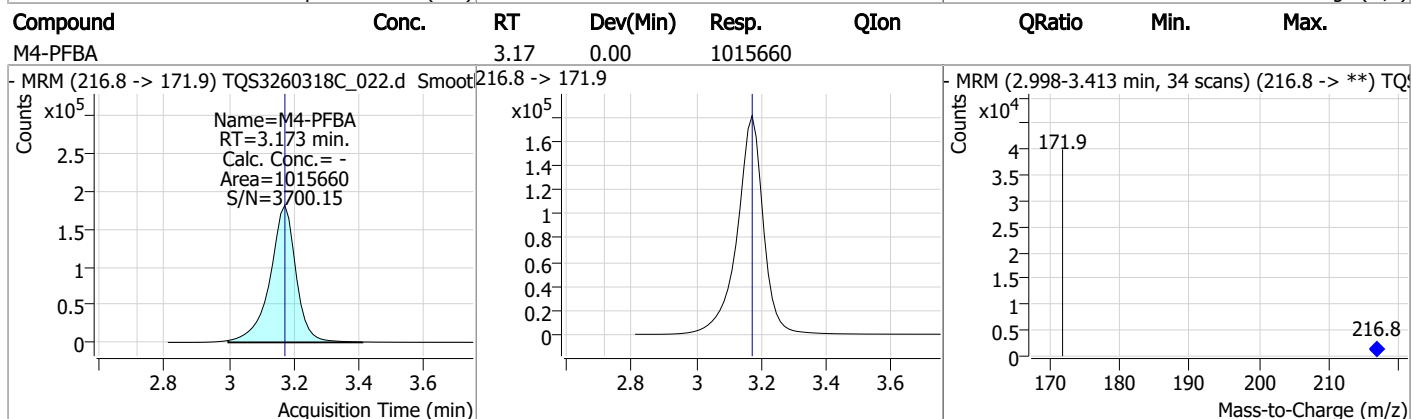
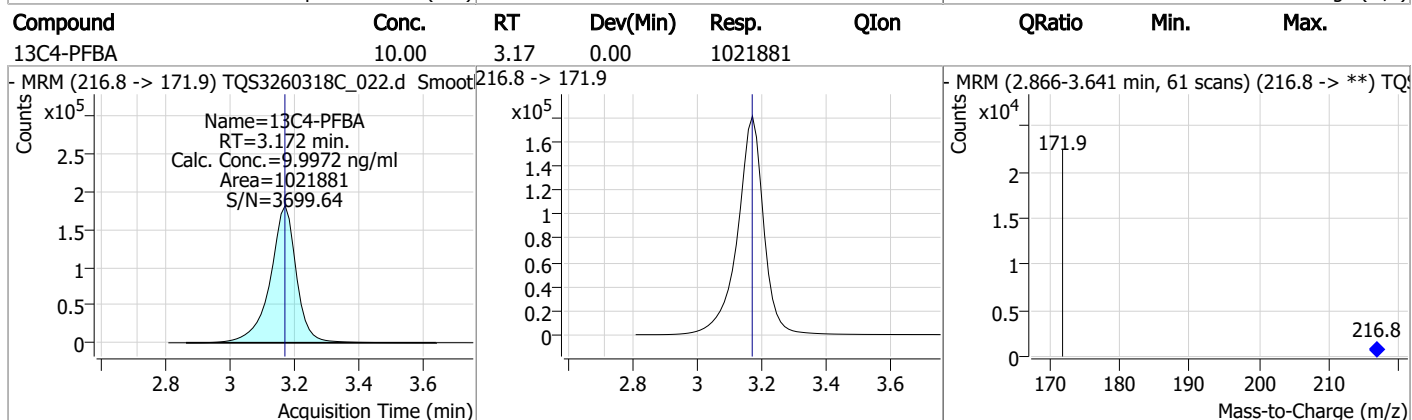
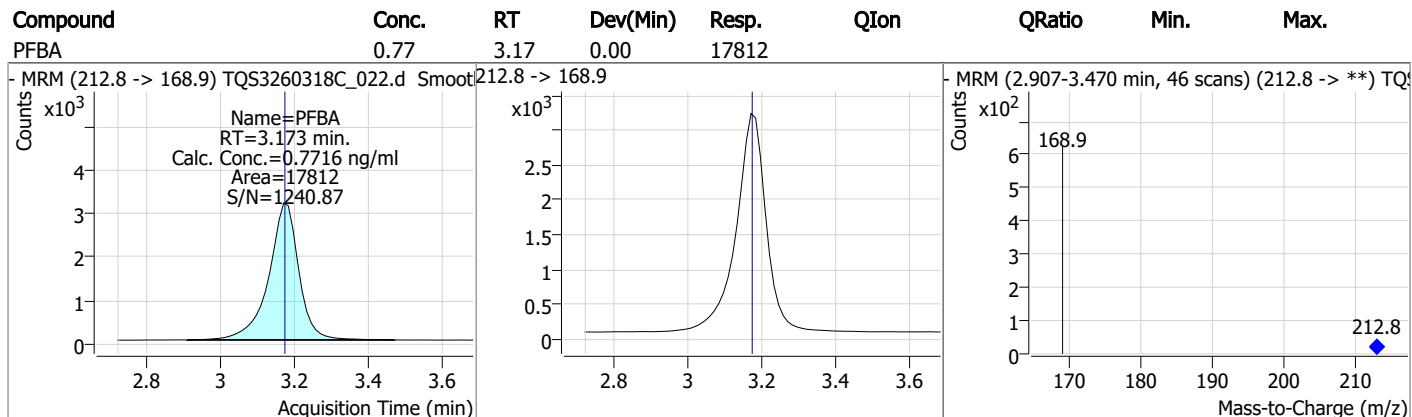
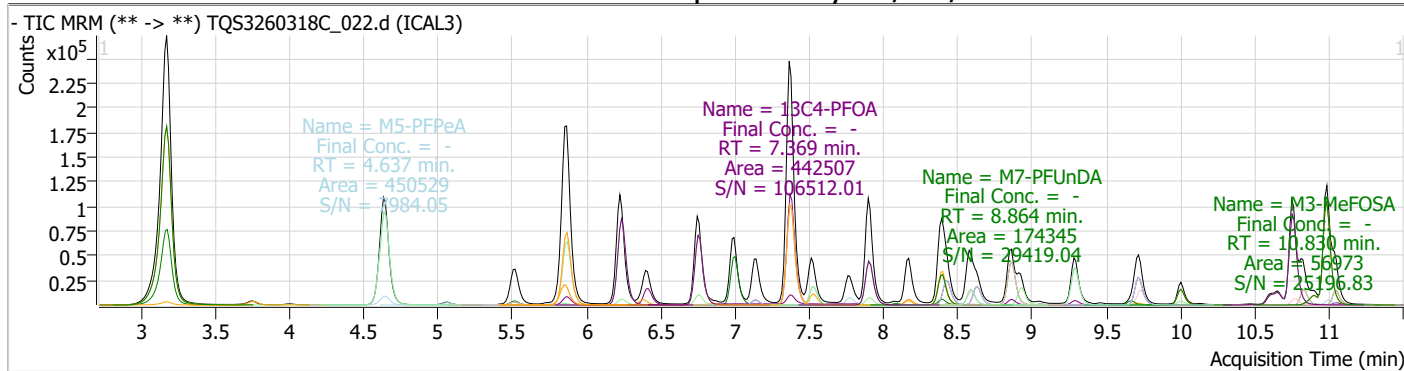
Target Compounds

					QValue
11CI-PF3OUdS	9.734	630.9 -> 450.9	58524	0.75 ng/ml	100
TDCA	-	498.9 -> 79.9	-	N.D.	
3:3 FTCA	3.997	241.0 -> 177.0	3259	0.75 ng/ml	99
4:2FTS	5.508	327.1 -> 307.0	17787	0.75 ng/ml	97
5:3 FTCA	6.414	341.0 -> 237.1	71511	4.63 ng/ml	100
6:2FTS	7.131	427.1 -> 407.0	17823	0.71 ng/ml	97
7:3 FTCA	7.766	441.0 -> 316.9	31637	4.66 ng/ml	95
8:2FTS	8.172	527.1 -> 507.0	16802	0.66 ng/ml	94
9CI-PF3ONS	8.930	530.8 -> 351.0	69459	0.76 ng/ml	99
ADONA	6.999	376.9 -> 250.9	195766	0.76 ng/ml	100
EtFOSA	11.072	526.0 -> 219.0	11040	0.53 ng/ml	98
EtFOSAA	8.596	584.2 -> 419.1	2236	0.18 ng/ml	90
EtFOSE	10.979	630.0 -> 58.9	27571	2.04 ng/ml	100
FOSA	9.721	498.1 -> 77.9	8062	0.19 ng/ml	99
HFPO-DA	6.236	284.9 -> 168.9	24931	0.76 ng/ml	97
MeFOSA	10.845	511.9 -> 219.0	3861	0.20 ng/ml	93
MeFOSAA	8.418	570.1 -> 419.0	3550	0.19 ng/ml	92
MeFOSE	10.783	616.1 -> 58.9	27894	2.01 ng/ml	100
NFDHA	5.753	295.0 -> 201.0	4814	0.40 ng/ml	99
PFBA	3.173	212.8 -> 168.9	17812	0.77 ng/ml	100

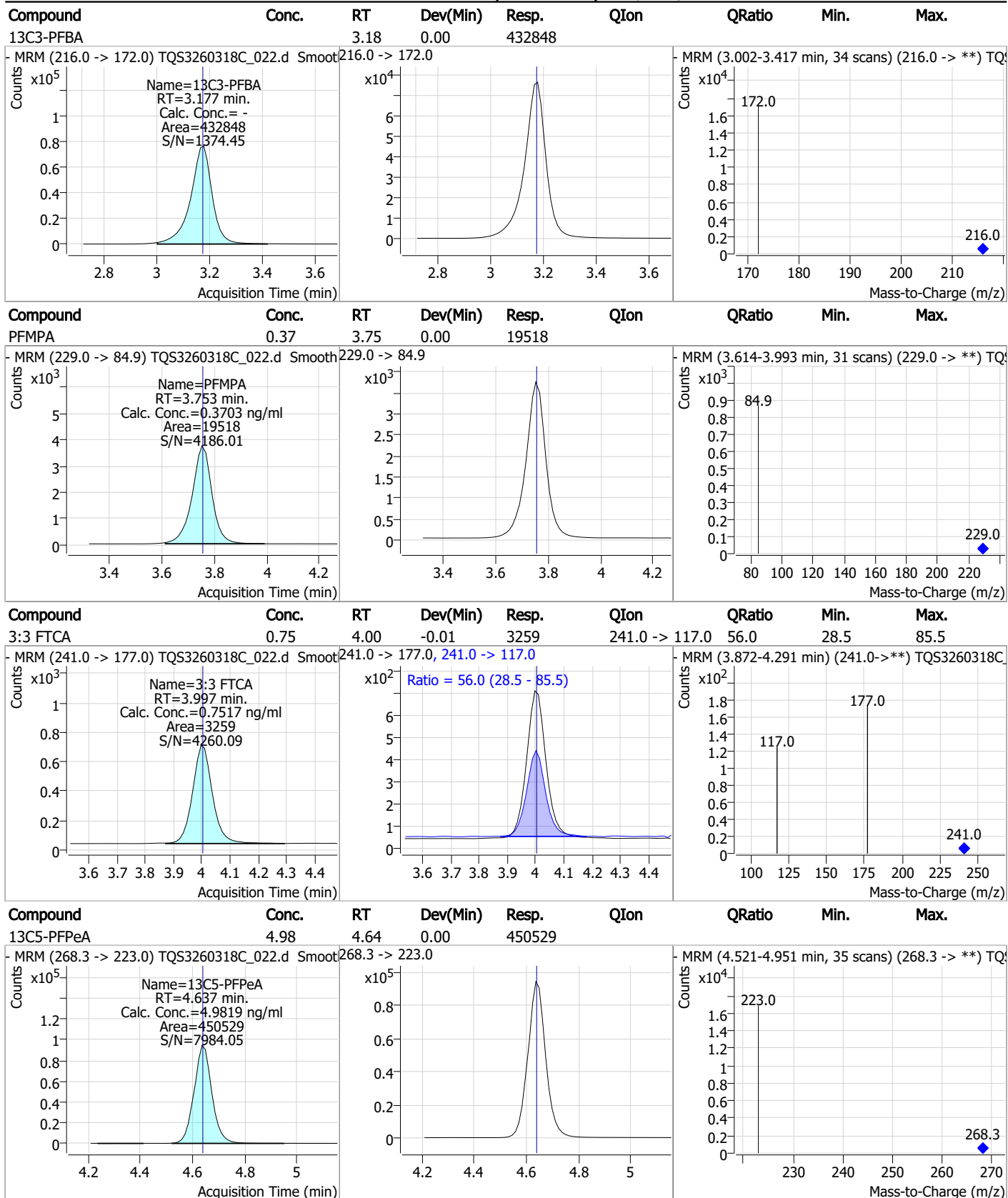
Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	6955	0.20 ng/ml	98
PFDA	8.398	512.9 -> 469.0	22063	0.20 ng/ml	99
PFDoDA	9.284	613.1 -> 569.0	17537	0.16 ng/ml	98
PFDoDS	10.142	699.1 -> 79.9	1563	0.18 ng/ml	94
PFDS	9.462	599.0 -> 79.9	2864	0.20 ng/ml	92
PFEESA	6.381	314.8 -> 134.9	23458	0.19 ng/ml	99
PFHpA	6.751	363.1 -> 319.0	40622	0.19 ng/ml	100
PFHpS	8.080	449.0 -> 79.9	5586	0.19 ng/ml	99
PFHxA	5.871	313.0 -> 269.0	36065	0.20 ng/ml	99
PFHxS	7.504	398.7 -> 79.9	5393	0.23 ng/ml	88
PFMBA	5.065	279.0 -> 85.1	10709	0.19 ng/ml	100
PFMPA	3.753	229.0 -> 84.9	19518	0.37 ng/ml	100
PFNA	7.900	463.0 -> 419.0	28659	0.19 ng/ml	98
PFNS	9.053	548.8 -> 79.9	3643	0.19 ng/ml	98
PFOA	7.371	413.0 -> 369.0	35928	0.19 ng/ml	98
PFOS	8.568	498.9 -> 79.9	5238	0.20 ng/ml	95
PFPeA	4.640	263.0 -> 219.0	42589	0.39 ng/ml	100
PFPeS	6.853	349.1 -> 79.9	6233	0.19 ng/ml	96
PFTeDA	10.002	713.1 -> 669.0	14965	0.19 ng/ml	97
PFTTrDA	9.668	663.0 -> 619.0	15792	0.19 ng/ml	98
PFUnDA	8.865	563.1 -> 519.0	21953	0.19 ng/ml	98

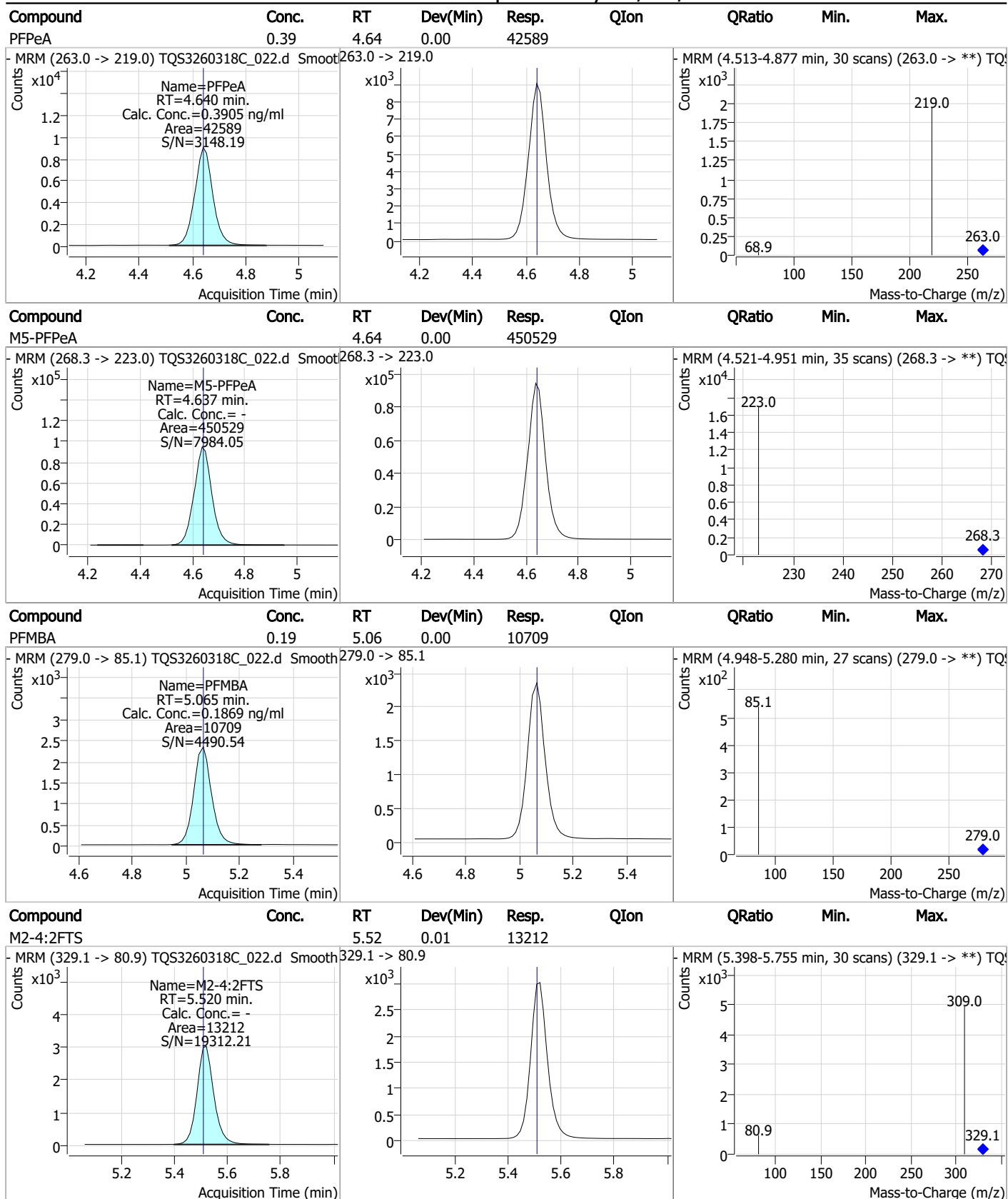
= Qualifier out of range, m = manually integrated, + = Area summed



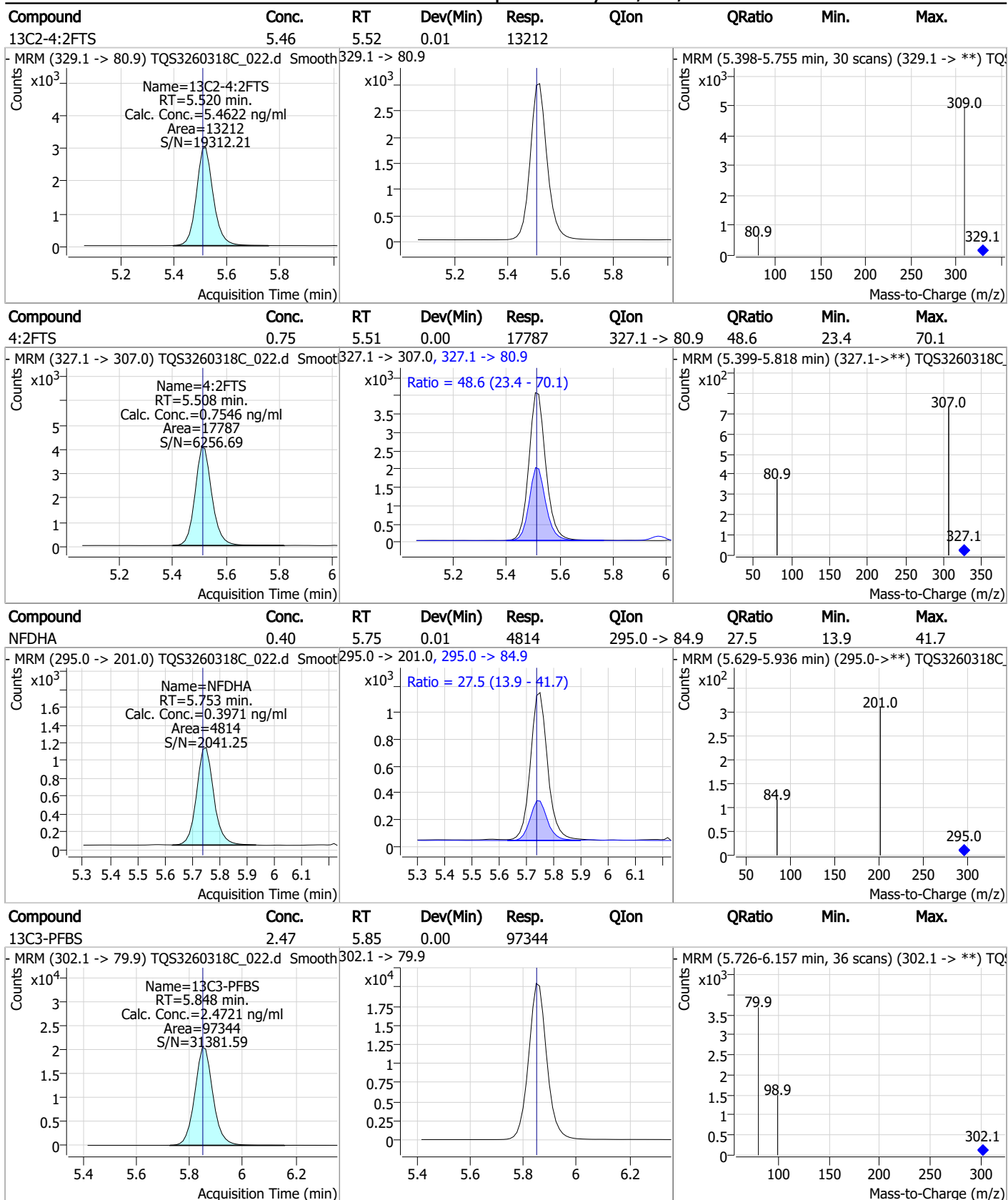
Perfluorinated Compounds by LC/MS/MS

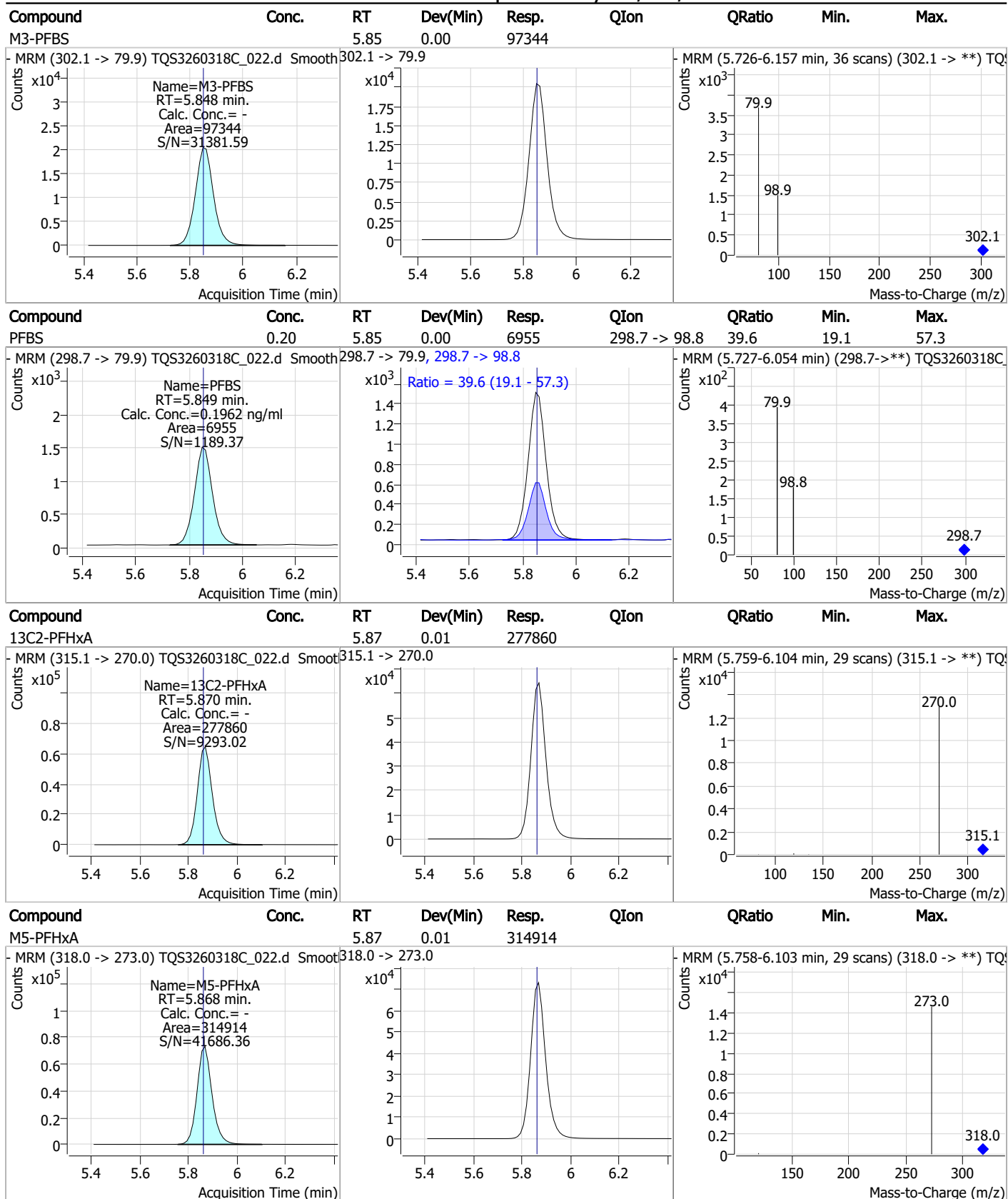


Perfluorinated Compounds by LC/MS/MS

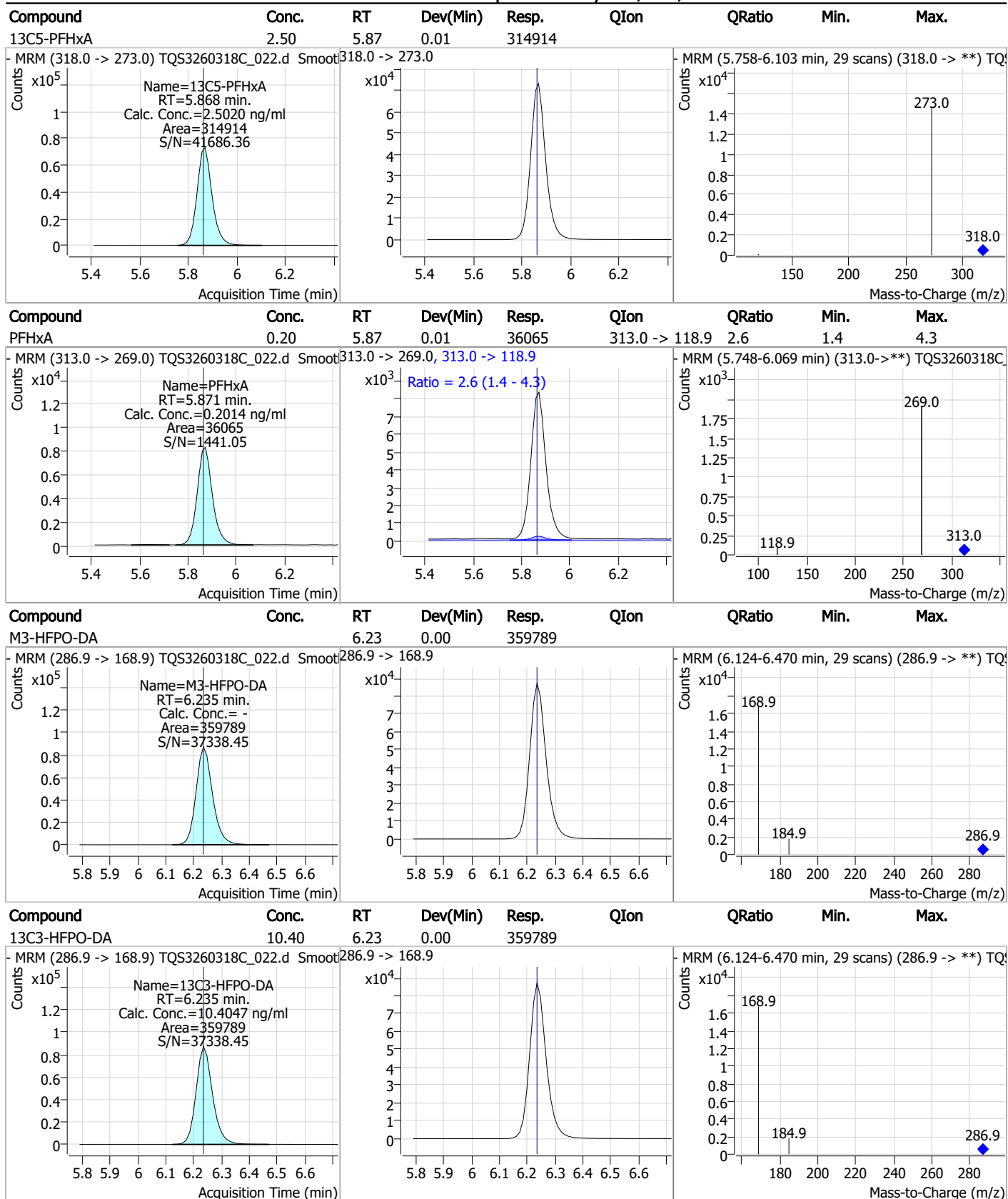


Perfluorinated Compounds by LC/MS/MS

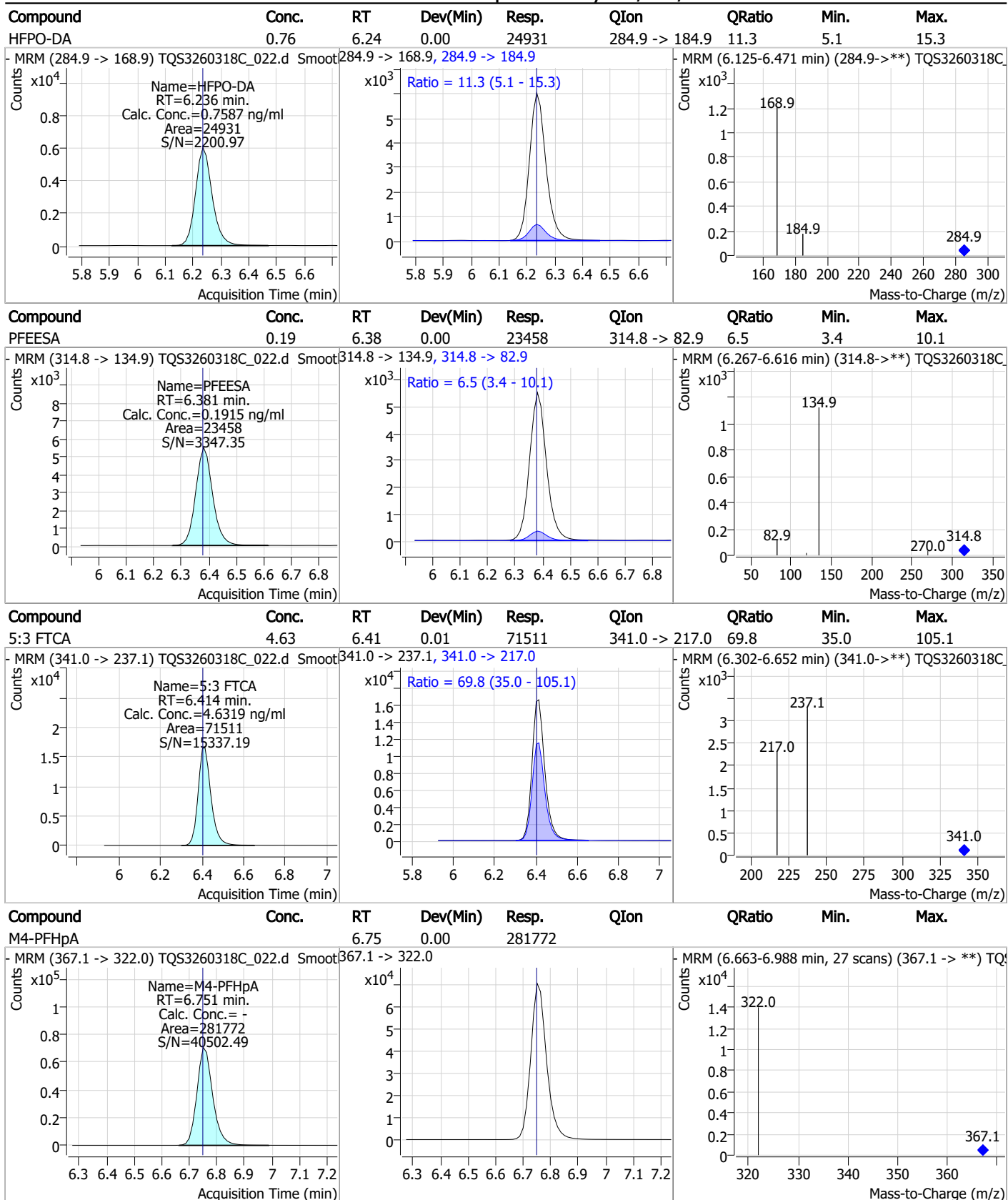




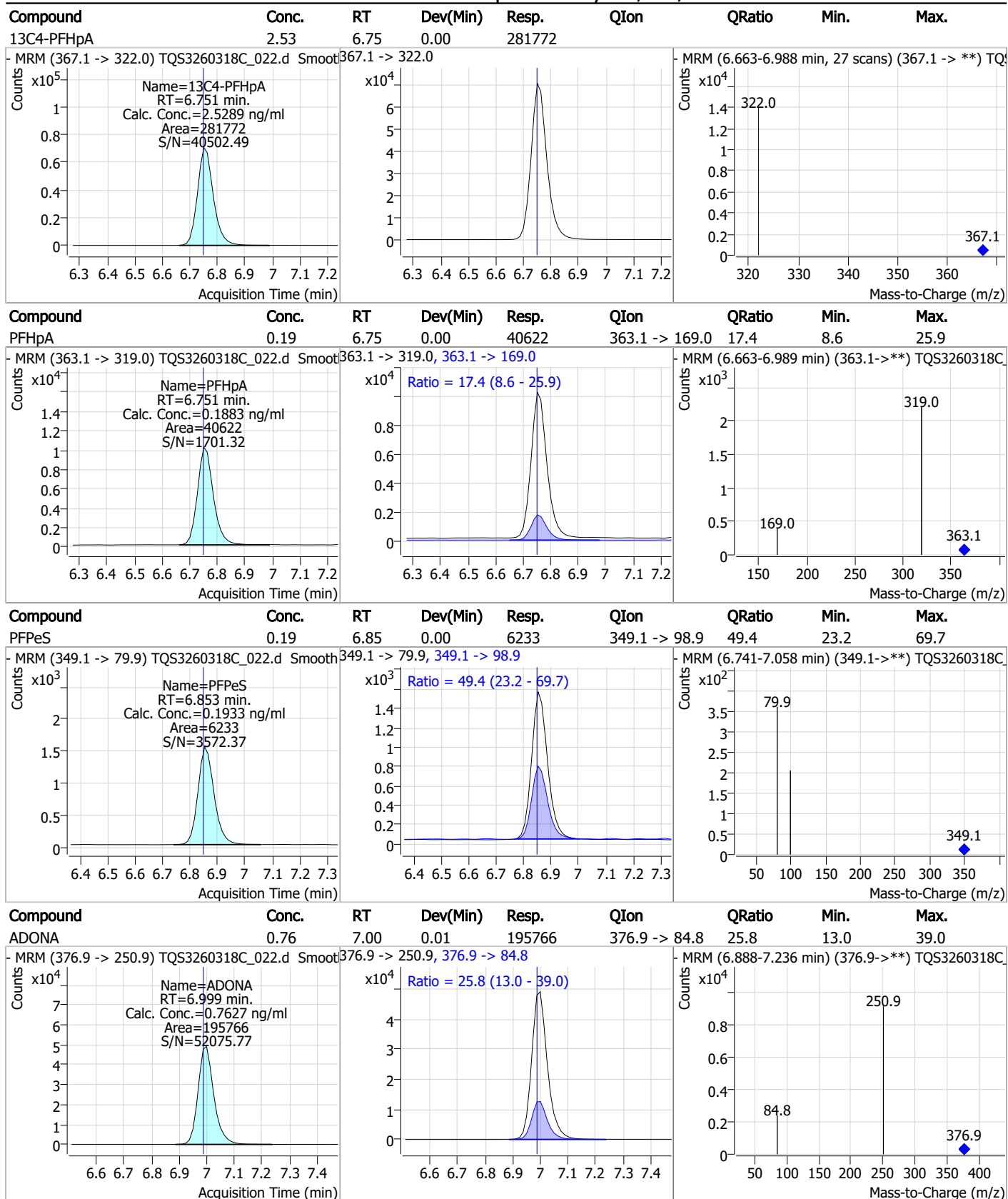
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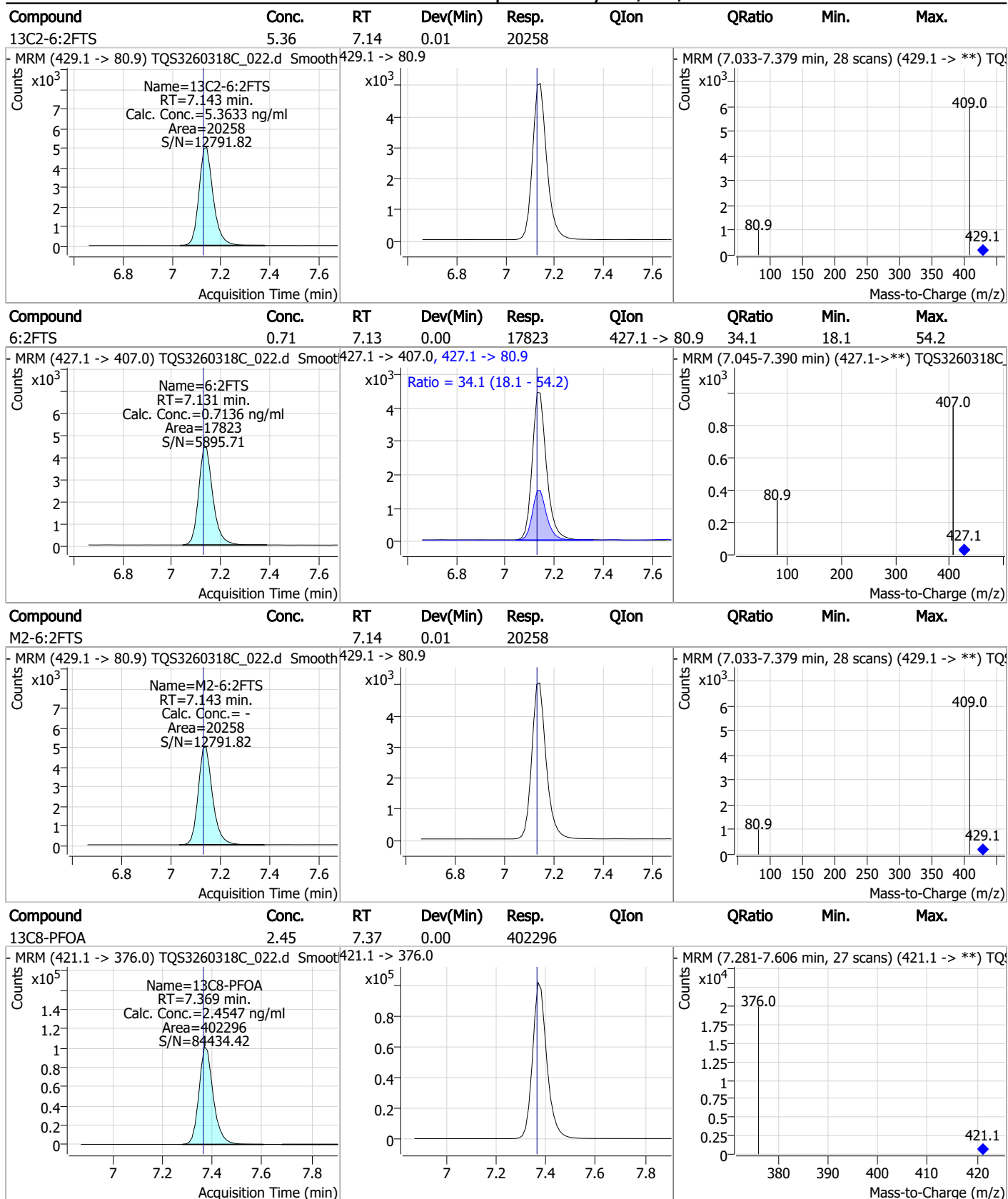
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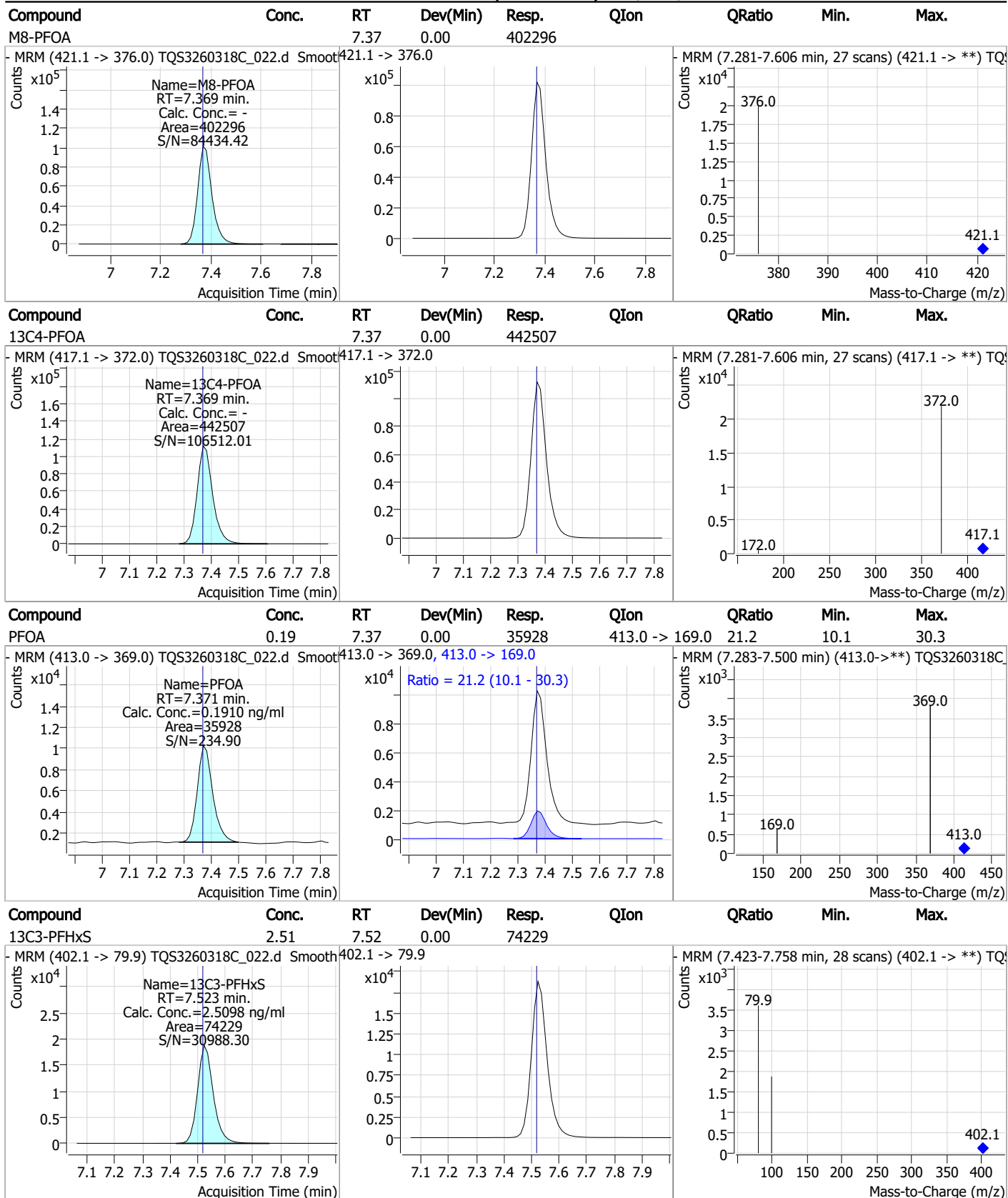
Perfluorinated Compounds by LC/MS/MS



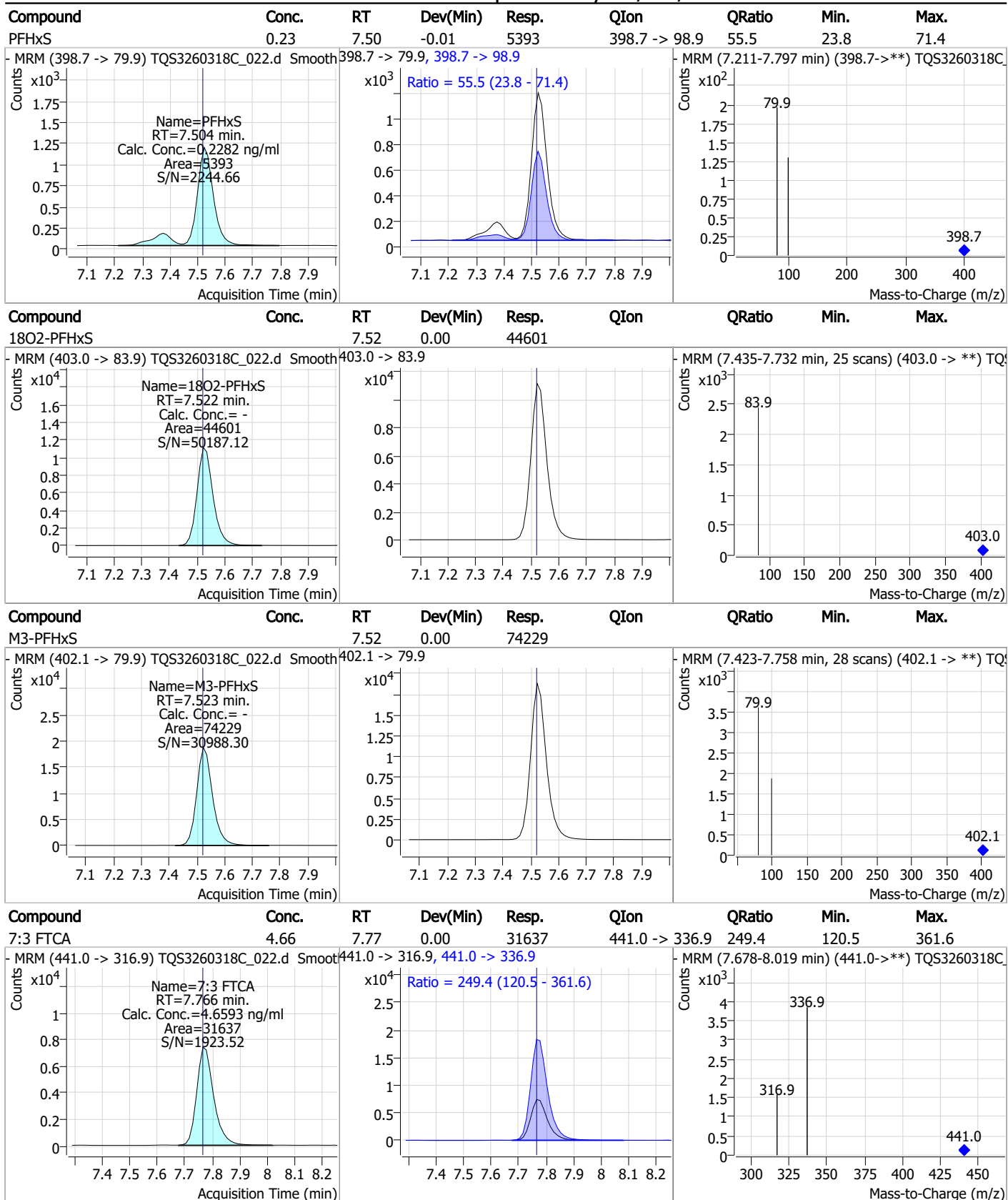
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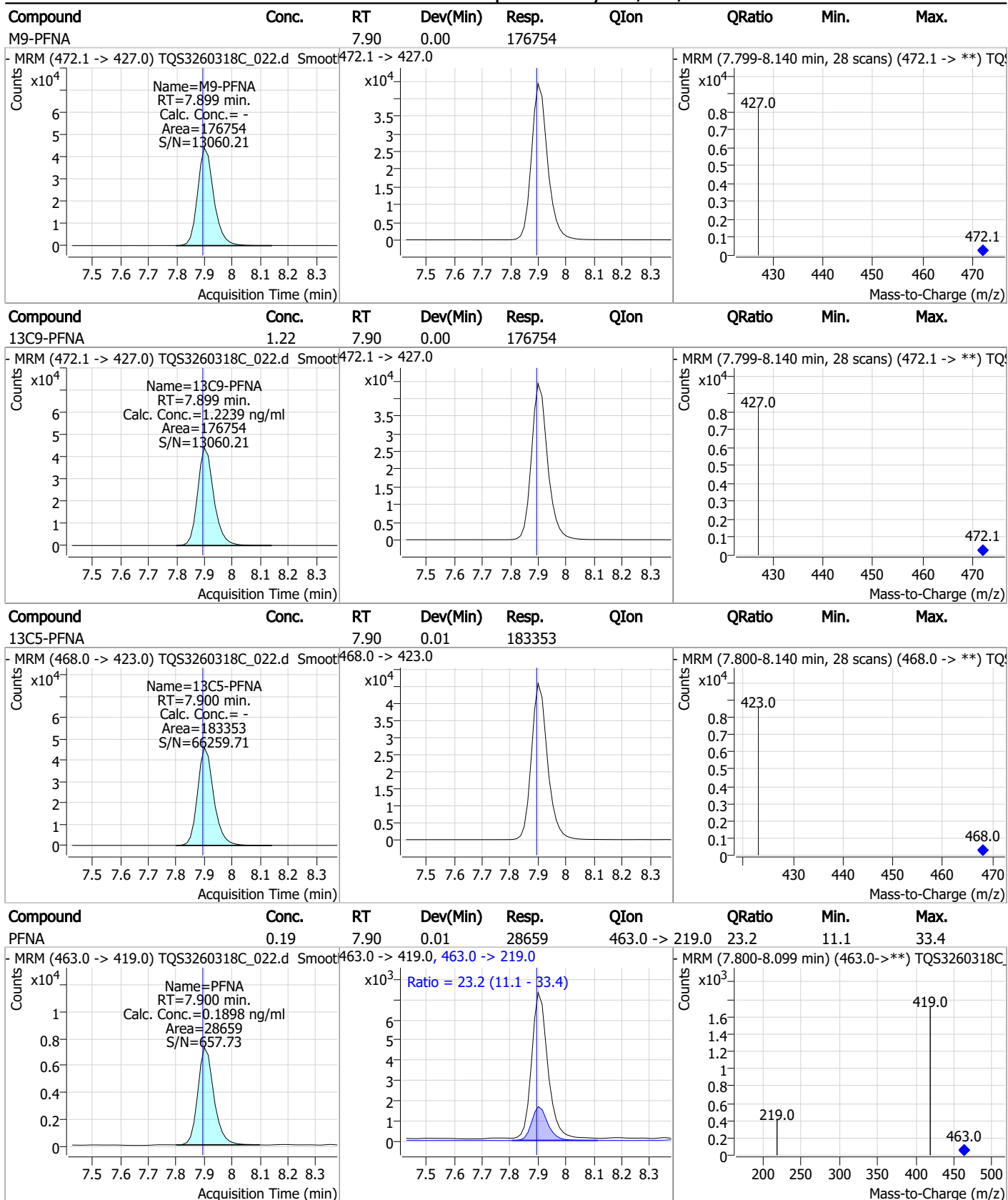
Perfluorinated Compounds by LC/MS/MS



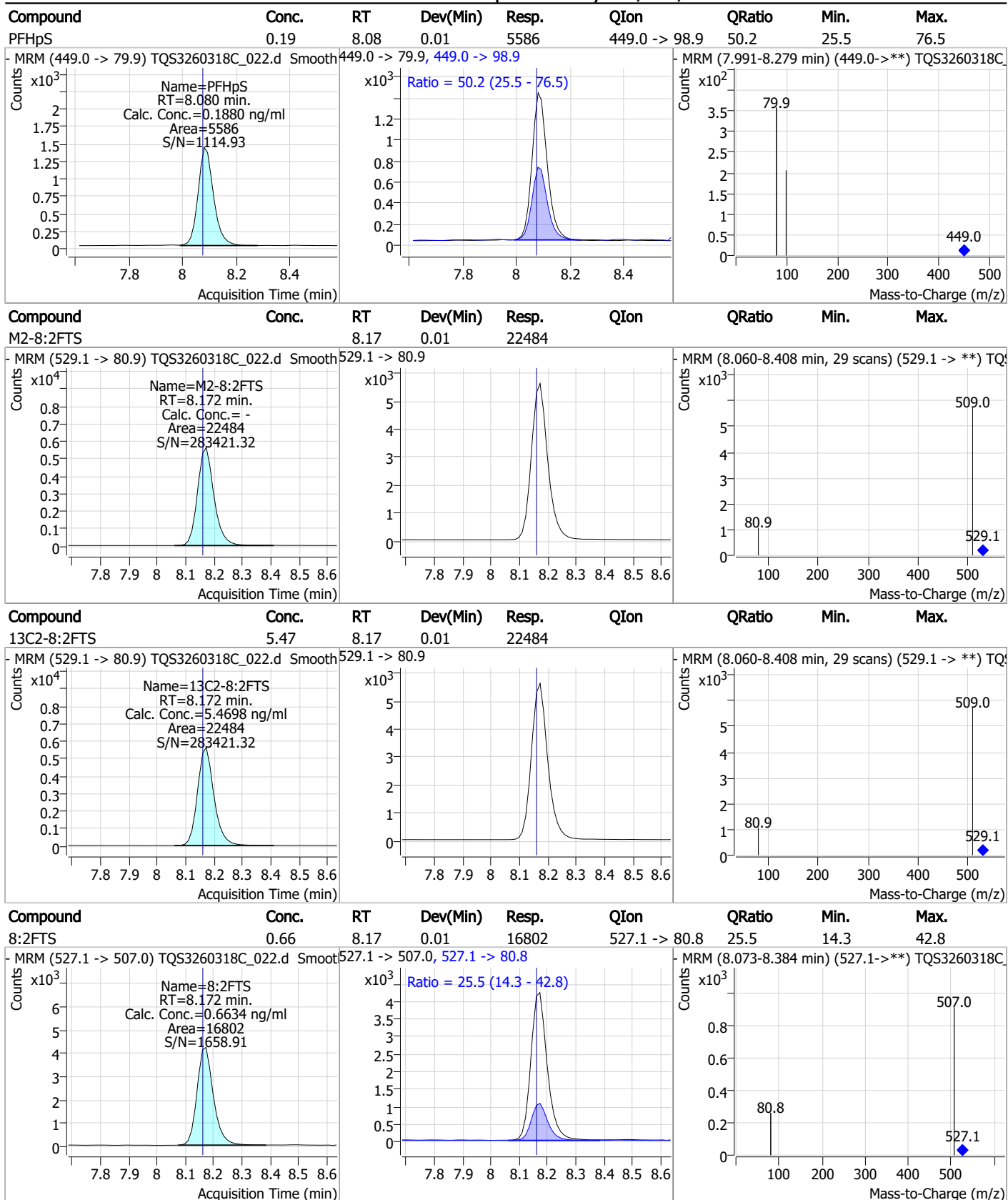
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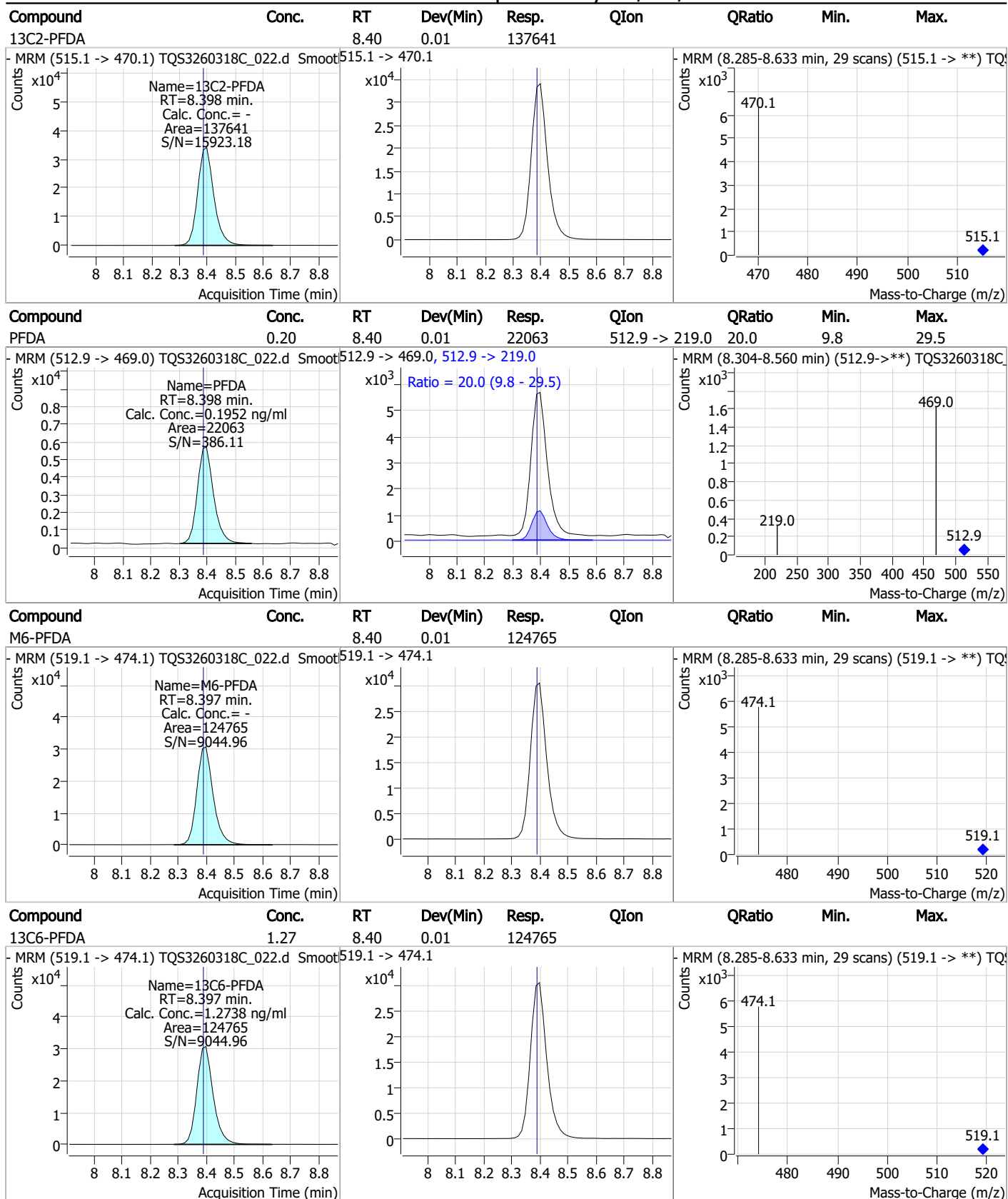
Perfluorinated Compounds by LC/MS/MS



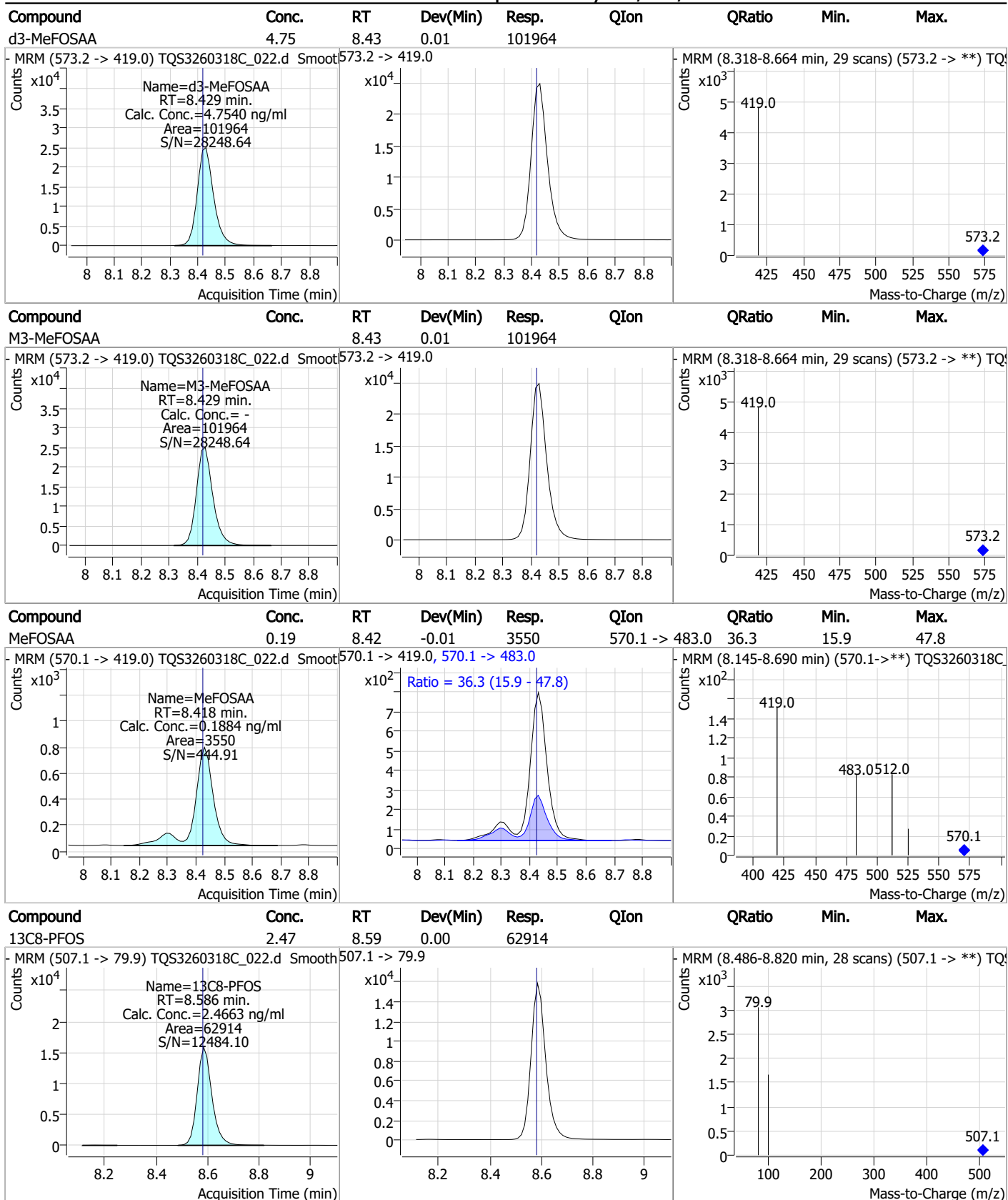
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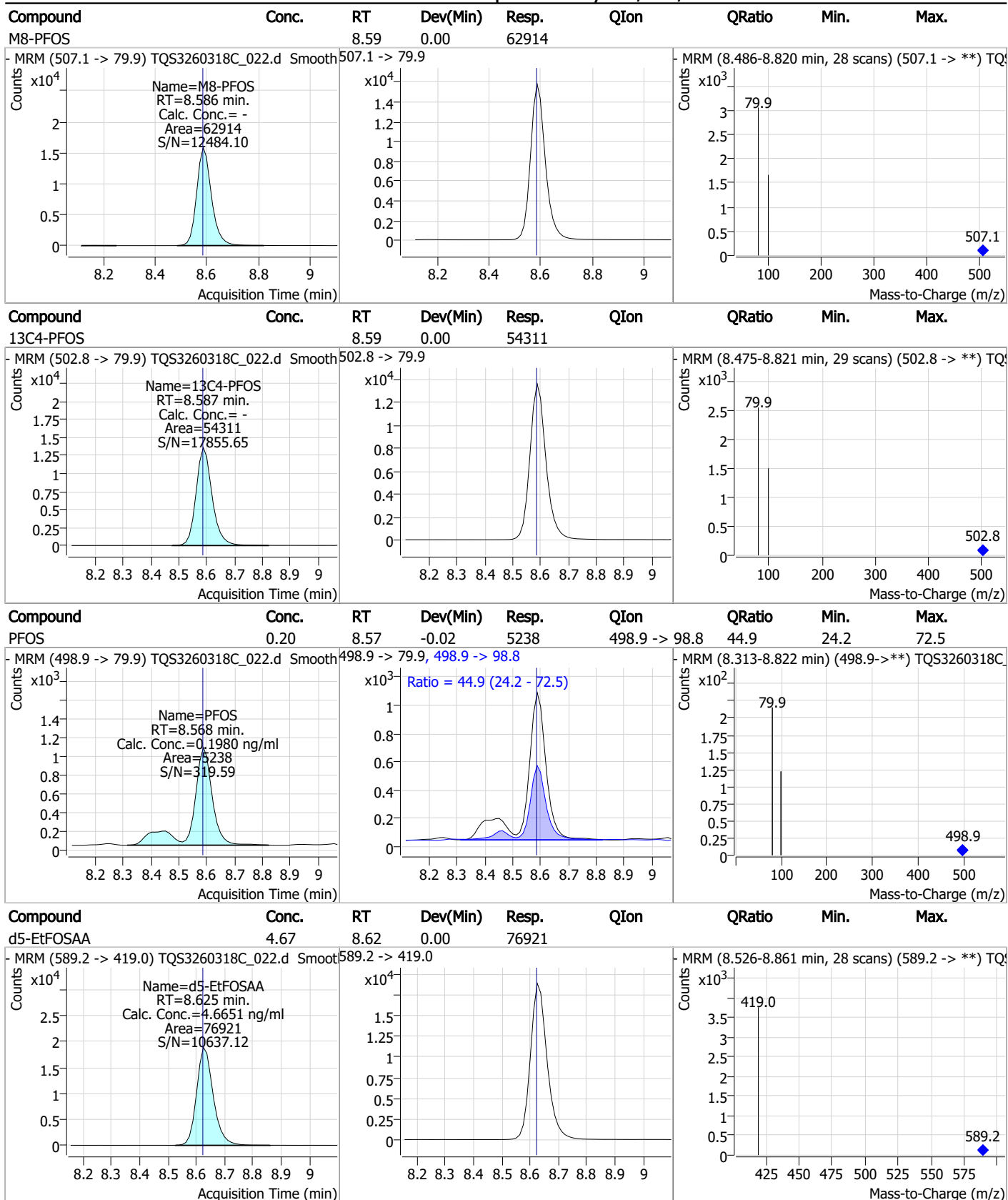
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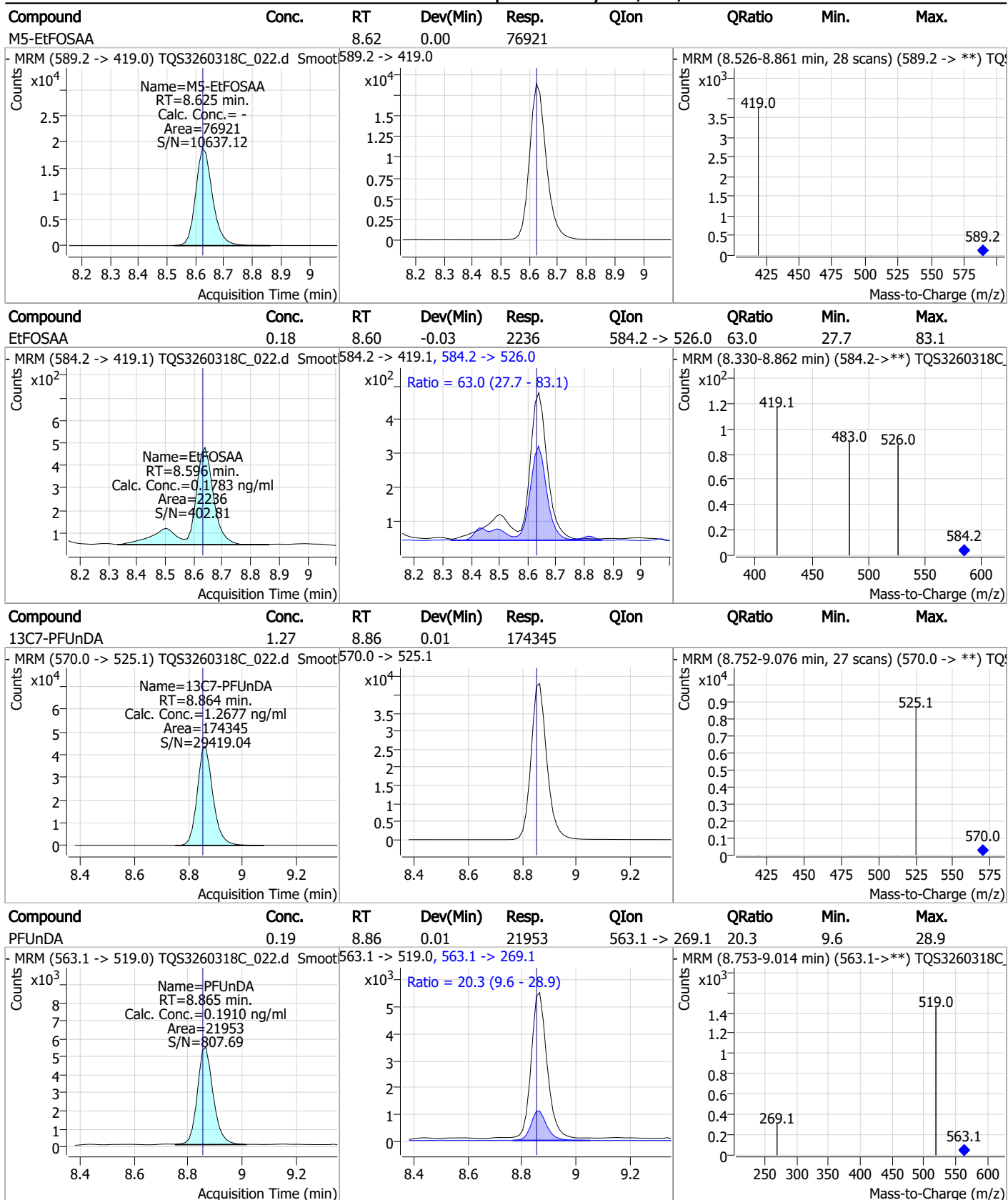
Perfluorinated Compounds by LC/MS/MS



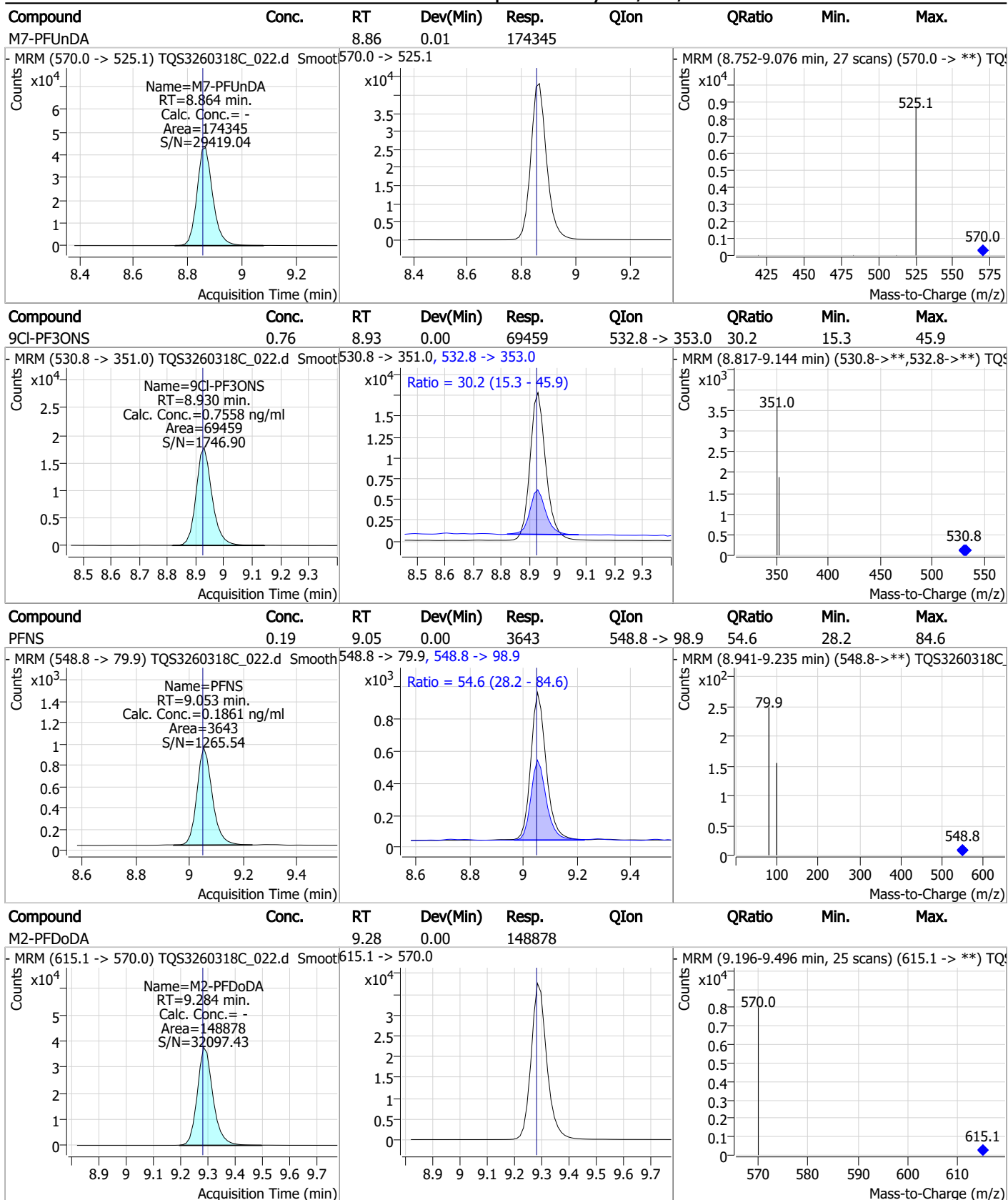
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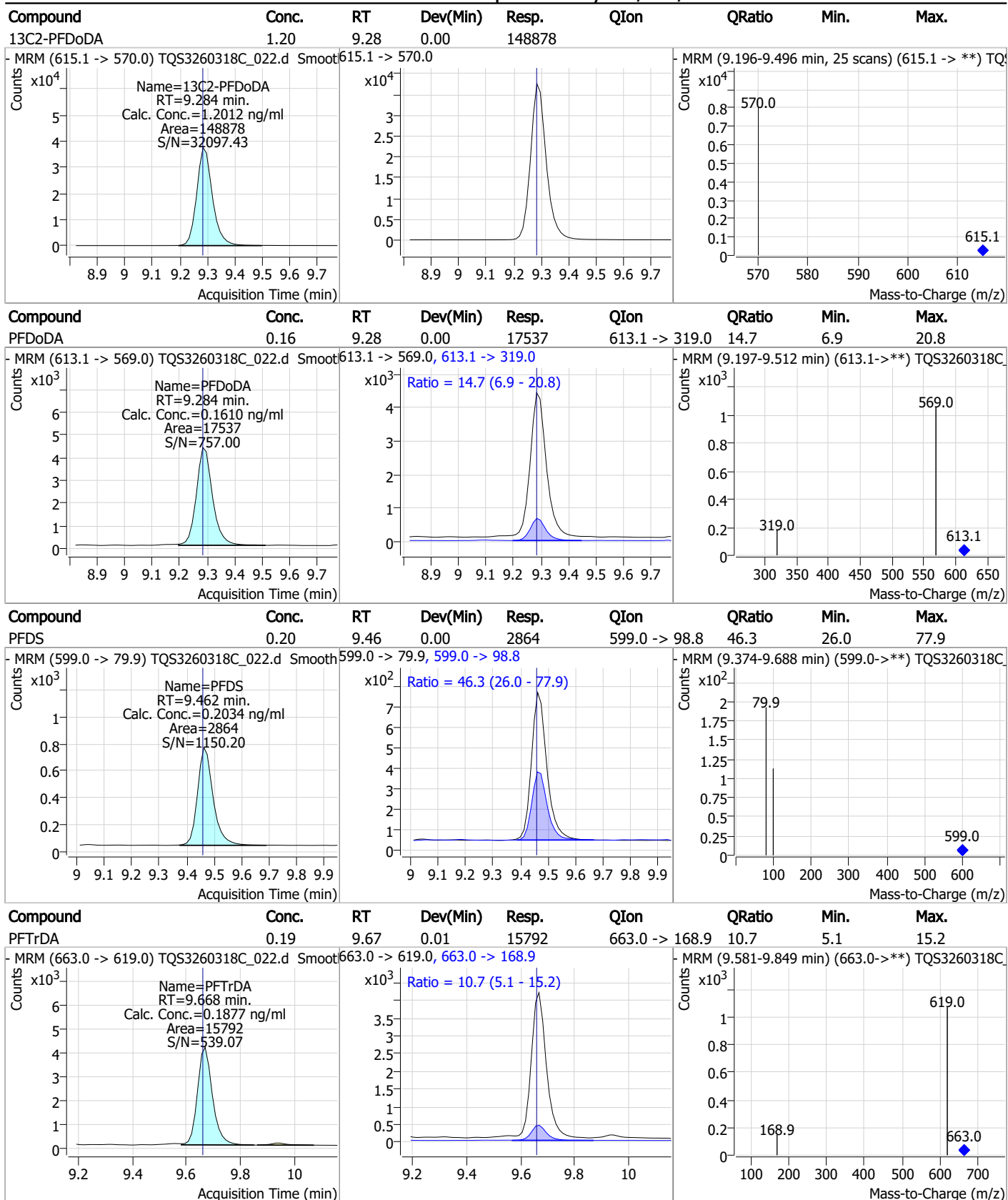
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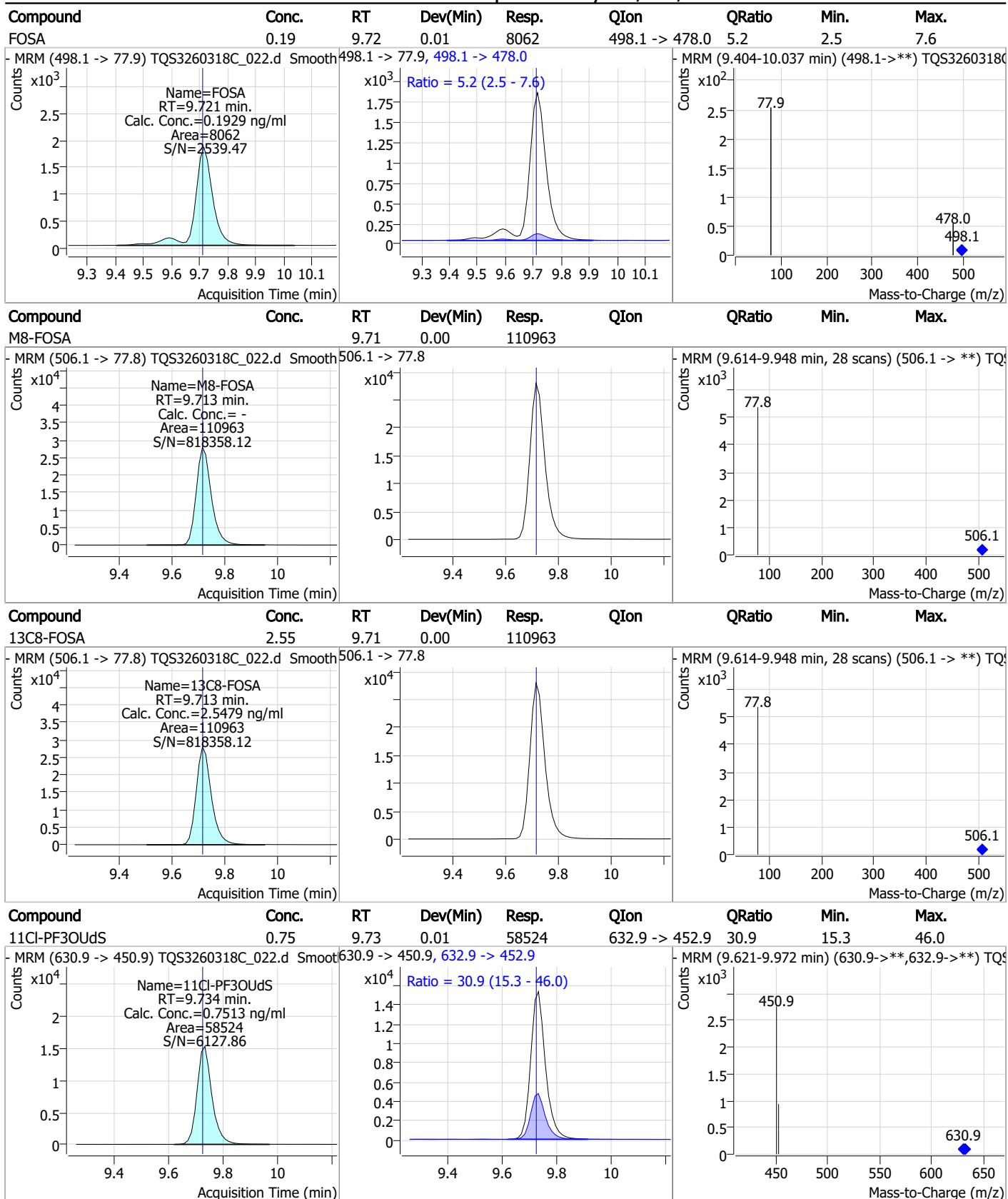
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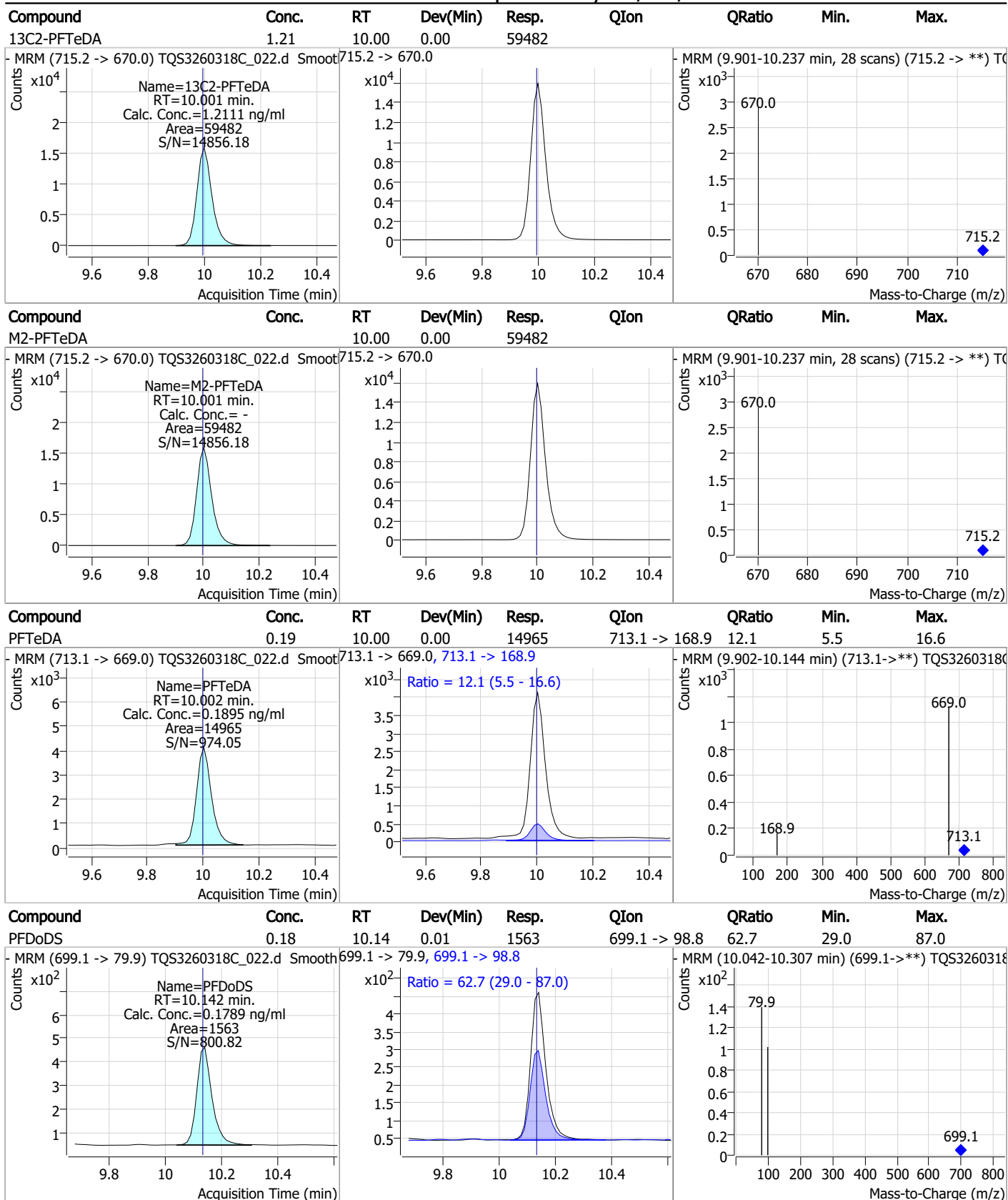
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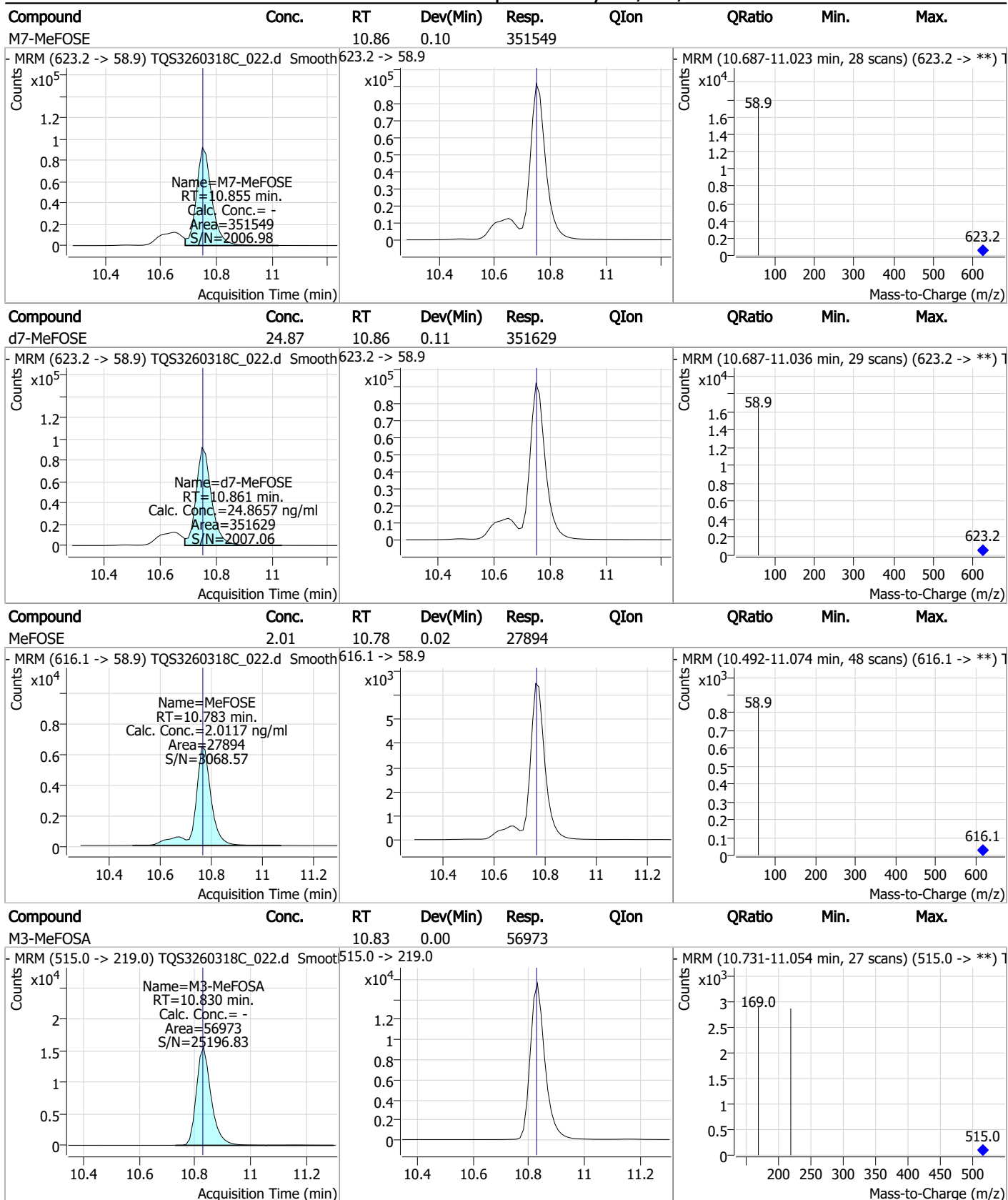
Perfluorinated Compounds by LC/MS/MS



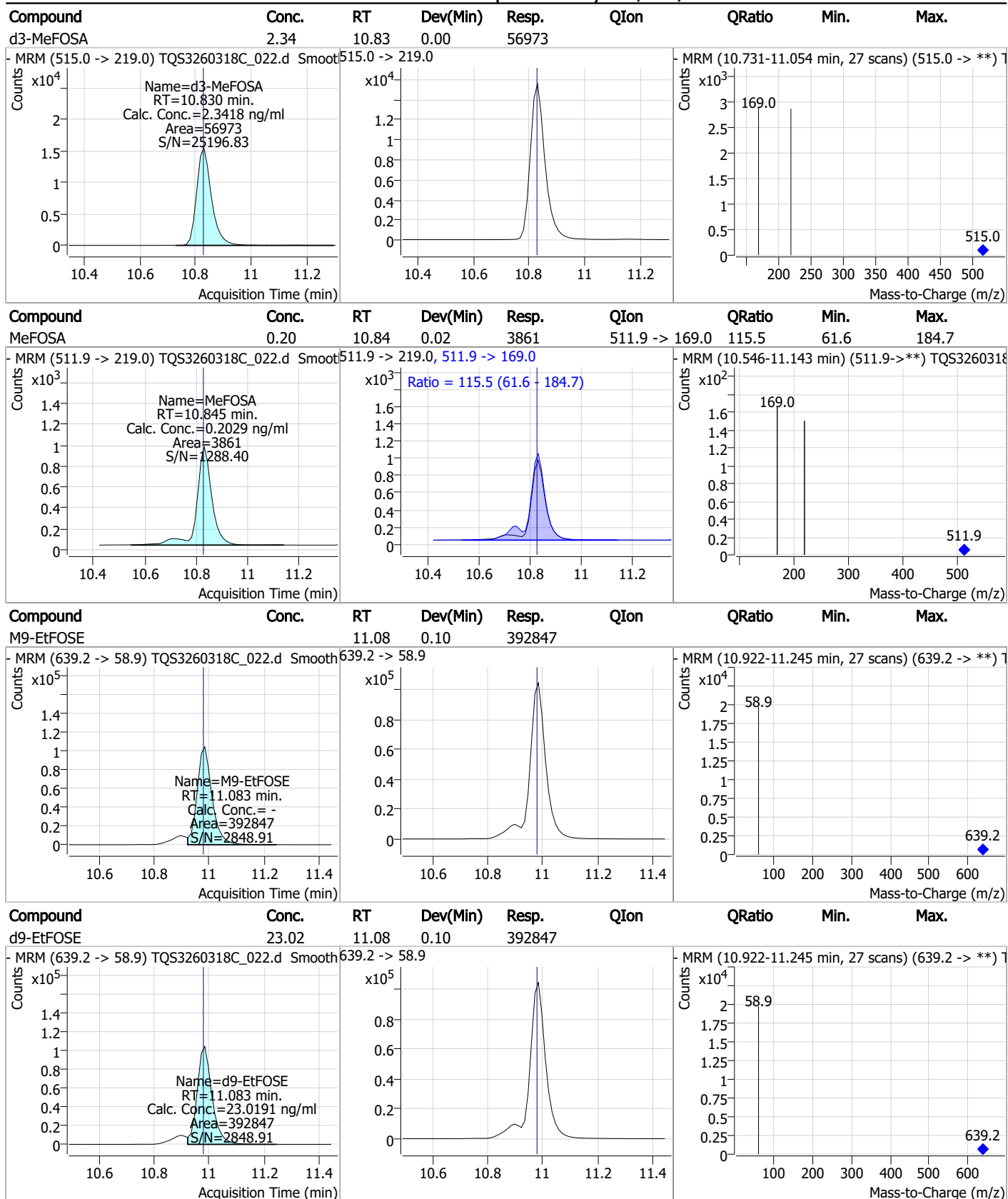
Perfluorinated Compounds by LC/MS/MS



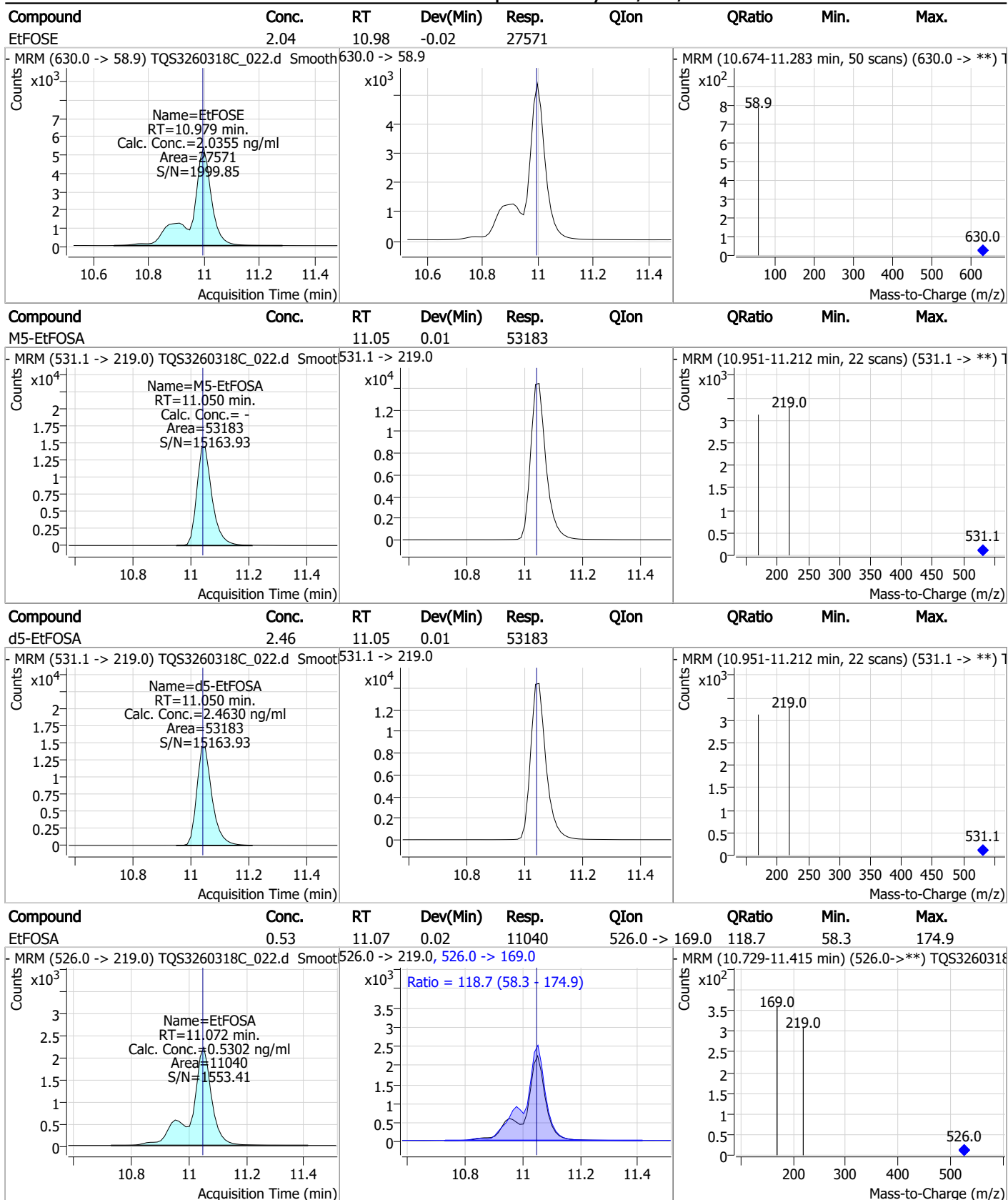
Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



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 Operator :
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/18/2026 11:12:14 PM
 Sample Name : ICAL4
 Vial : P3-A6
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3913_ICAL_C_1633.batch.bin
 Sample Information : AXYS D 0.50ng/mL

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Internal Standards						
13C2-PFDA	8.385	515.1 -> 470.1	137327		1.25 ng/ml	0.000
13C2-PFHxA	5.870	315.1 -> 270.0	281477		2.50 ng/ml	0.008
13C3-PFBA	3.177	216.0 -> 172.0	433973		5.00 ng/ml	0.004
13C4-PFOA	7.369	417.1 -> 372.0	454280		2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	53097		2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	180475		1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	44979		2.50 ng/ml	0.002
M2-4:2FTS	5.520	329.1 -> 80.9	13187		5.00 ng/ml	0.011
M2-6:2FTS	7.130	429.1 -> 80.9	20577		5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	21905		5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	158538		1.25 ng/ml	0.003
M2-PFTeDA	10.001	715.2 -> 670.0	61829		1.25 ng/ml	0.004
M3-HFPO-DA	6.235	286.9 -> 168.9	334008		10.00 ng/ml	0.000
M3-MeFOSA	10.830	515.0 -> 219.0	58097		2.50 ng/ml	0.003
M3-MeFOSAA	8.429	573.2 -> 419.0	102444		5.00 ng/ml	0.009
M3-PFBS	5.848	302.1 -> 79.9	98117		2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	75264		2.50 ng/ml	0.002
M4-PFBA	3.173	216.8 -> 171.9	1018595		10.00 ng/ml	0.000
M4-PFHpA	6.751	367.1 -> 322.0	274282		2.50 ng/ml	0.002
M5-EtFOSA	11.038	531.1 -> 219.0	50779		2.50 ng/ml	-0.004
M5-EtFOSAA	8.625	589.2 -> 419.0	80317		5.00 ng/ml	-0.001
M5-PFHxA	5.868	318.0 -> 273.0	321755		2.50 ng/ml	0.006
M5-PFPeA	4.637	268.3 -> 223.0	452116		5.00 ng/ml	-0.005
M6-PFDA	8.385	519.1 -> 474.1	122014		1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	349456		25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	167584		1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	109947		2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	419389		2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	62955		2.50 ng/ml	0.001
M9-EtFOSE	11.083	639.2 -> 58.9	439150		25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	178673		1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.520	329.1 -> 80.9	13187		5.41 ng/ml	0.011
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 108.1%	
13C2-6:2FTS	7.130	429.1 -> 80.9	20577		5.40 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 108.0%	
13C2-8:2FTS	8.160	529.1 -> 80.9	21905		5.28 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 105.7%	
13C2-PFDoDA	9.284	615.1 -> 570.0	158538		1.28 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 102.6%	
13C2-PFTeDA	10.001	715.2 -> 670.0	61829		1.26 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 100.9%	
13C3-HFPO-DA	6.235	286.9 -> 168.9	334008		9.54 ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 95.4%	
d3-MeFOSA	10.830	515.0 -> 219.0	58097		2.44 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc.	Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 97.7%		
d3-MeFOSAA	8.429	573.2 -> 419.0	102444		4.89	ng/ml	0.012
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 97.7%		
13C3-PFBS	5.848	302.1 -> 79.9	98117		2.47	ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 98.8%		
13C3-PFHxS	7.523	402.1 -> 79.9	75264		2.52	ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.9%		
13C4-PFBA	3.172	216.8 -> 171.9	1027355		10.02	ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 100.2%		
13C4-PFHpA	6.751	367.1 -> 322.0	274282		2.43	ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 97.2%		
d5-EtFOSA	11.038	531.1 -> 219.0	50779		2.41	ng/ml	-0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 96.2%		
d5-EtFOSAA	8.625	589.2 -> 419.0	80317		4.98	ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 99.6%		
13C5-PFHxA	5.868	318.0 -> 273.0	321755		2.52	ng/ml	0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.9%		
13C5-PFPeA	4.637	268.3 -> 223.0	452116		4.94	ng/ml	-0.003
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 98.7%		
13C6-PFDA	8.385	519.1 -> 474.1	122014		1.25	ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 99.9%		
d7-MeFOSE	10.861	623.2 -> 58.9	349708		25.30	ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 101.2%		
13C7-PFUnDA	8.852	570.0 -> 525.1	167584		1.22	ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 97.7%		
13C8-FOSA	9.713	506.1 -> 77.8	109947		2.58	ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 103.3%		
13C8-PFOA	7.369	421.1 -> 376.0	419389		2.49	ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 99.7%		
13C8-PFOS	8.586	507.1 -> 79.9	62955		2.52	ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 101.0%		
d9-EtFOSE	11.083	639.2 -> 58.9	439150		26.32	ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 105.3%		
13C9-PFNA	7.899	472.1 -> 427.0	178673		1.26	ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 100.6%		

Target Compounds

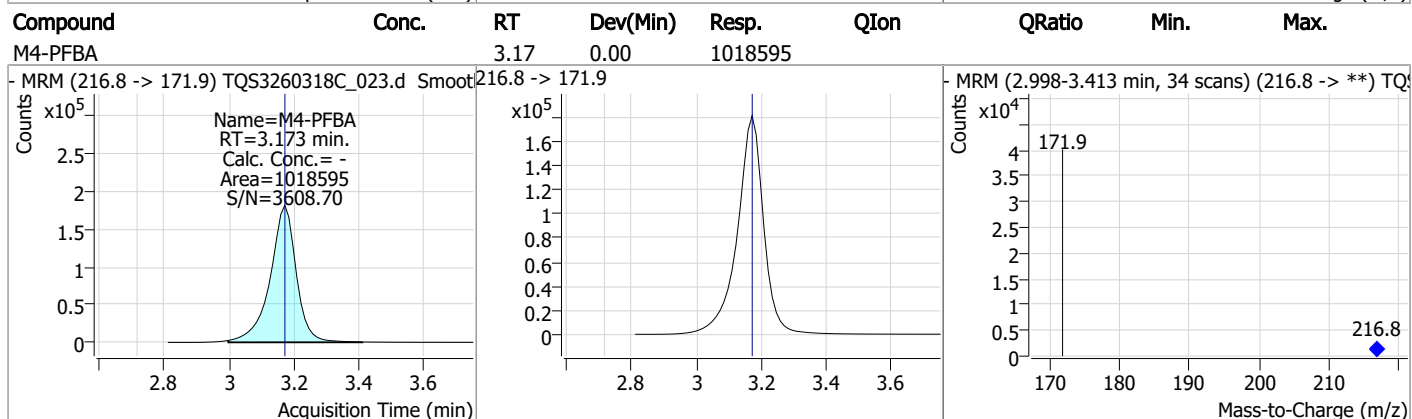
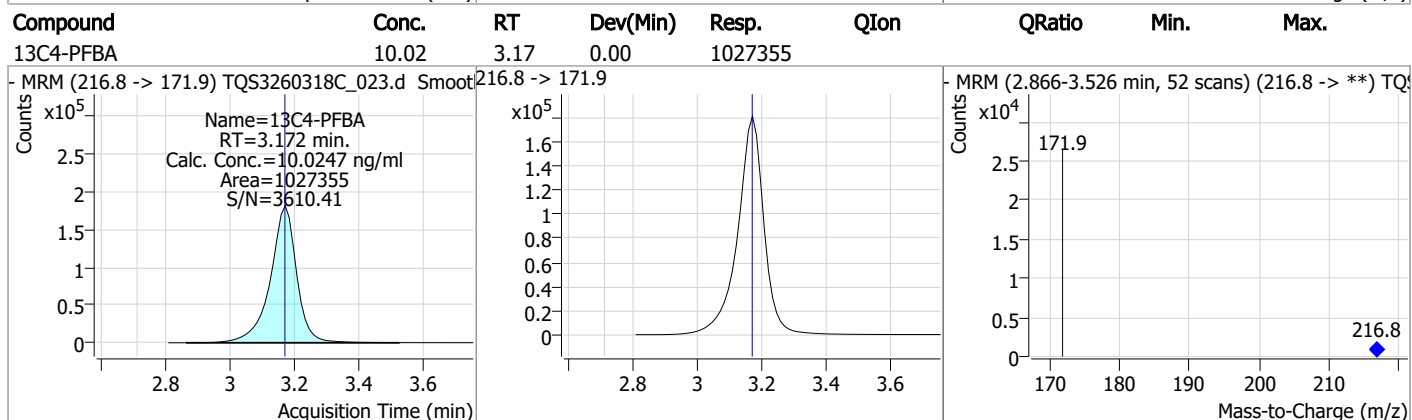
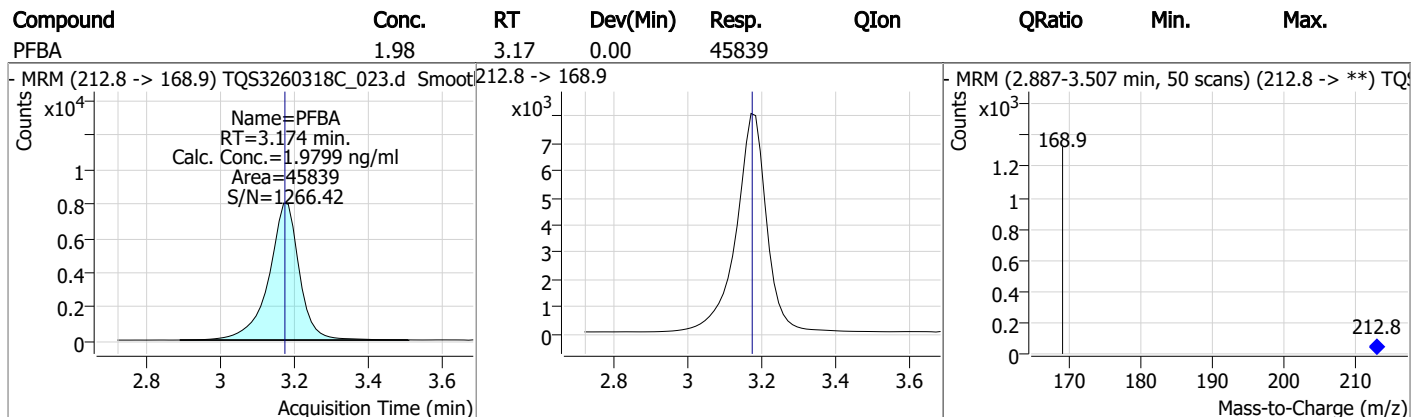
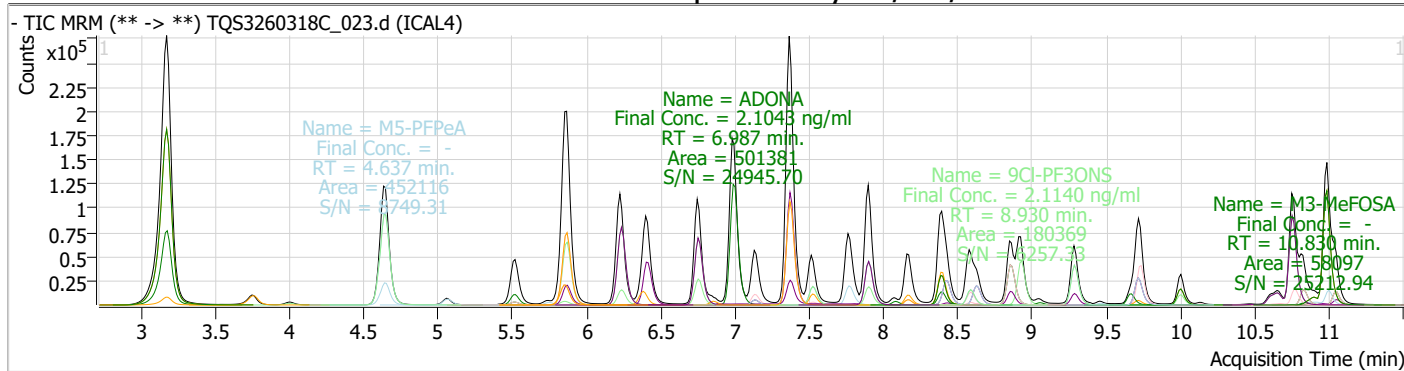
QValue

11Cl-PF3OUdS	9.734	630.9 -> 450.9	156011		2.16	ng/ml	98
TDCA	-	498.9 -> 79.9	-	-	N.D.		
3:3 FTCA	3.997	241.0 -> 177.0	8284		1.90	ng/ml	98
4:2FTS	5.520	327.1 -> 307.0	47053		2.00	ng/ml	99
5:3 FTCA	6.402	341.0 -> 237.1	191501		12.14	ng/ml	99
6:2FTS	7.131	427.1 -> 407.0	44048		1.74	ng/ml	98
7:3 FTCA	7.766	441.0 -> 316.9	83820		12.08	ng/ml	99
8:2FTS	8.160	527.1 -> 507.0	40868		1.66	ng/ml	98
9Cl-PF3ONS	8.930	530.8 -> 351.0	180369		2.11	ng/ml	100
ADONA	6.987	376.9 -> 250.9	501381		2.10	ng/ml	100
EtFOSA	11.072	526.0 -> 219.0	27465		1.38	ng/ml	100
EtFOSAA	8.626	584.2 -> 419.1	6505		0.50	ng/ml	m 93
EtFOSE	10.979	630.0 -> 58.9	74463		4.92	ng/ml	100
FOSA	9.721	498.1 -> 77.9	20516		0.50	ng/ml	100
HFPO-DA	6.236	284.9 -> 168.9	65156		2.14	ng/ml	98
MeFOSA	10.845	511.9 -> 219.0	9586		0.49	ng/ml	98
MeFOSAA	8.418	570.1 -> 419.0	9806		0.52	ng/ml	99
MeFOSE	10.783	616.1 -> 58.9	70210		5.09	ng/ml	100
NFDHA	5.753	295.0 -> 201.0	11721		0.95	ng/ml	97
PFBA	3.174	212.8 -> 168.9	45839		1.98	ng/ml	100

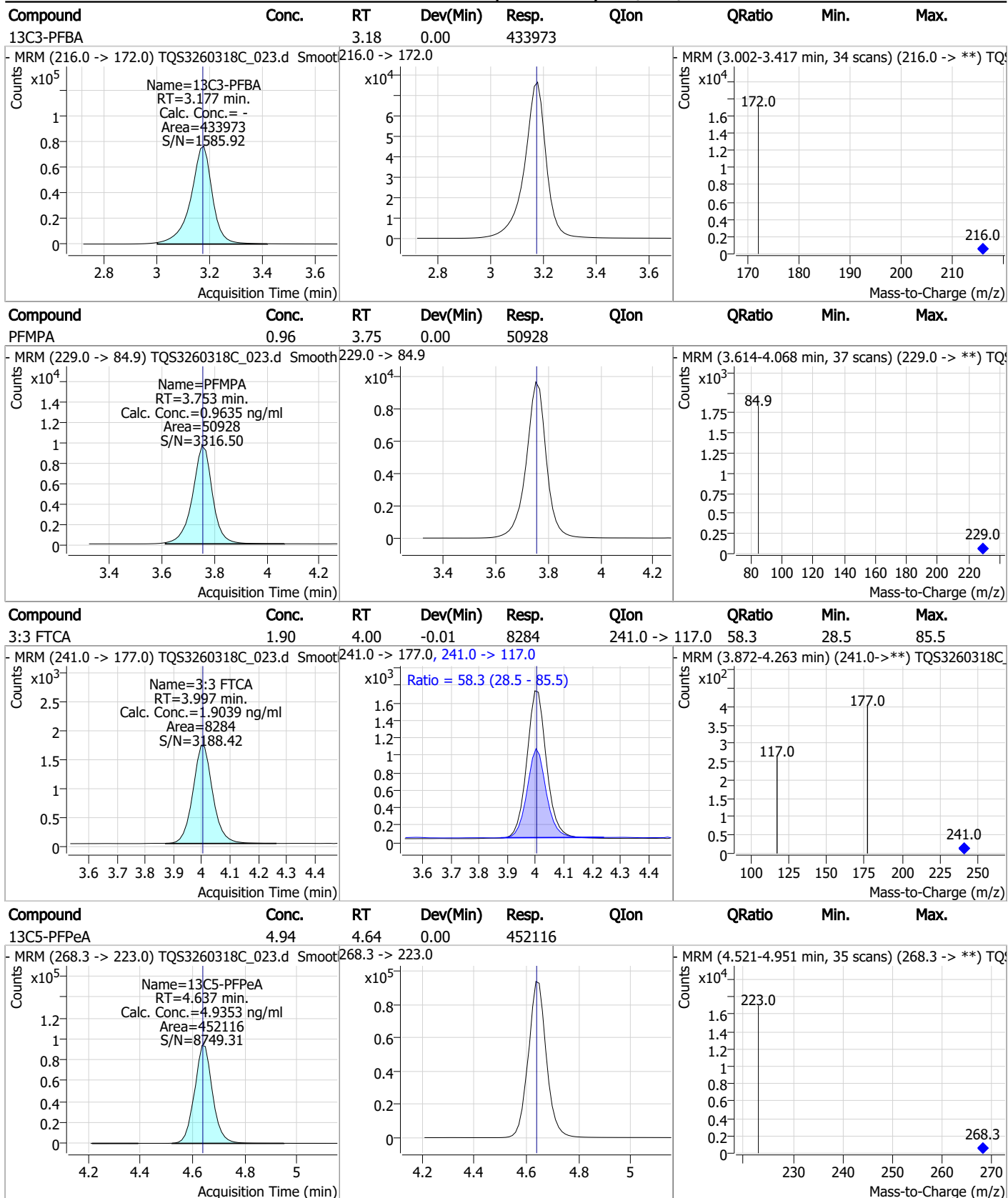
Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	17892	0.50 ng/ml	98
PFDA	8.386	512.9 -> 469.0	54495	0.49 ng/ml	98
PFDoDA	9.284	613.1 -> 569.0	45973	0.40 ng/ml	98
PFDoDS	10.142	699.1 -> 79.9	4116	0.47 ng/ml	96
PFDS	9.462	599.0 -> 79.9	6659	0.47 ng/ml	97
PFEESA	6.381	314.8 -> 134.9	60268	0.48 ng/ml	99
PFHpA	6.751	363.1 -> 319.0	105609	0.50 ng/ml	100
PFHpS	8.080	449.0 -> 79.9	14425	0.49 ng/ml	100
PFHxA	5.871	313.0 -> 269.0	87314	0.48 ng/ml	100
PFHxS	7.504	398.7 -> 79.9	13388	0.56 ng/ml	97
PFMBA	5.065	279.0 -> 85.1	28022	0.49 ng/ml	100
PFMPA	3.753	229.0 -> 84.9	50928	0.96 ng/ml	100
PFNA	7.900	463.0 -> 419.0	75204	0.49 ng/ml	99
PFNS	9.053	548.8 -> 79.9	9455	0.48 ng/ml	98
PFOA	7.371	413.0 -> 369.0	95200	0.49 ng/ml	99
PFOS	8.568	498.9 -> 79.9	13216	0.50 ng/ml	96
PFPeA	4.640	263.0 -> 219.0	108258	0.99 ng/ml	100
PFPeS	6.853	349.1 -> 79.9	15793	0.48 ng/ml	99
PFTeDA	10.002	713.1 -> 669.0	40045	0.49 ng/ml	99
PFTrDA	9.668	663.0 -> 619.0	44607	0.50 ng/ml	98
PFUnDA	8.853	563.1 -> 519.0	55896	0.51 ng/ml	100

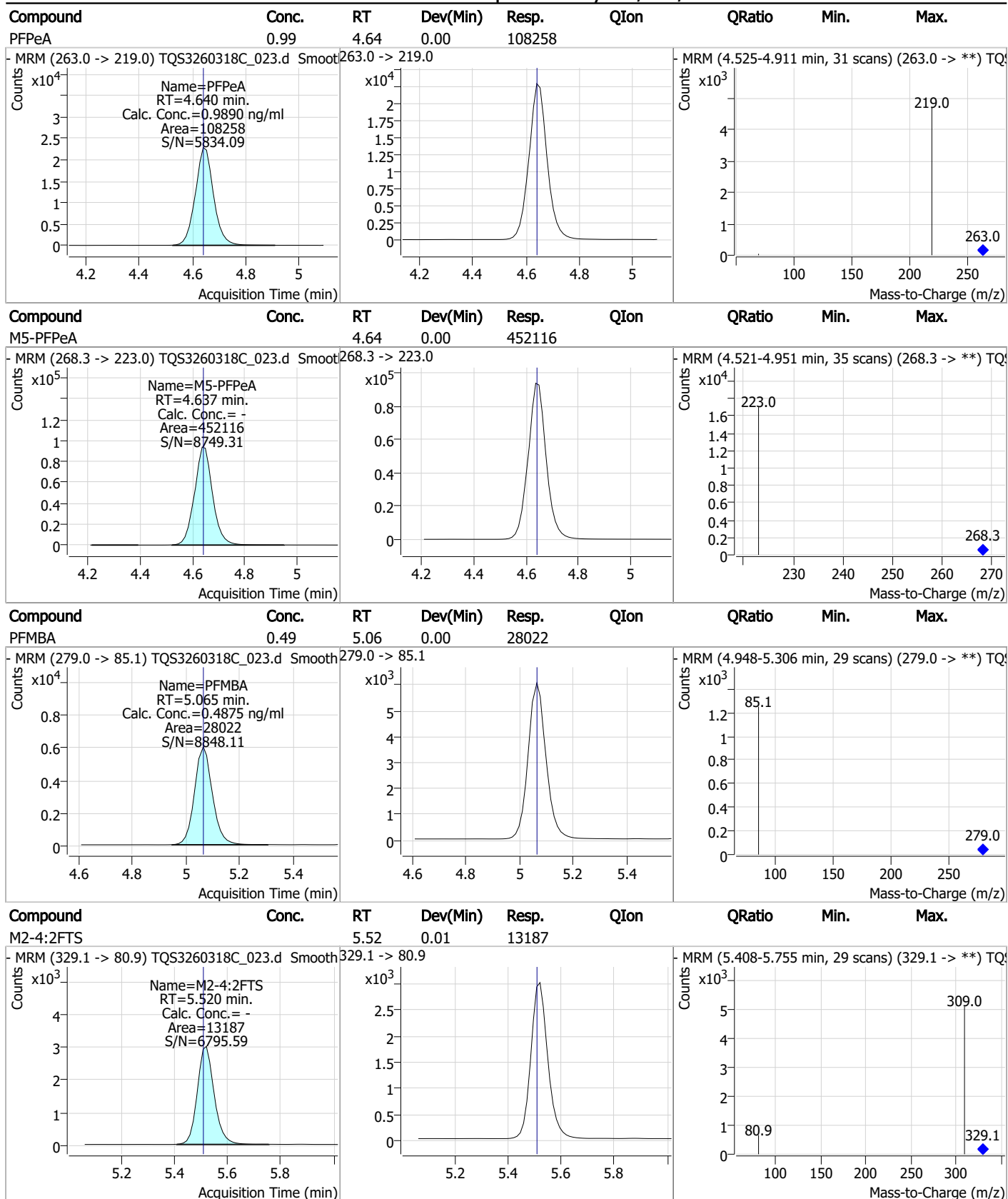
= Qualifier out of range, m = manually integrated, + = Area summed



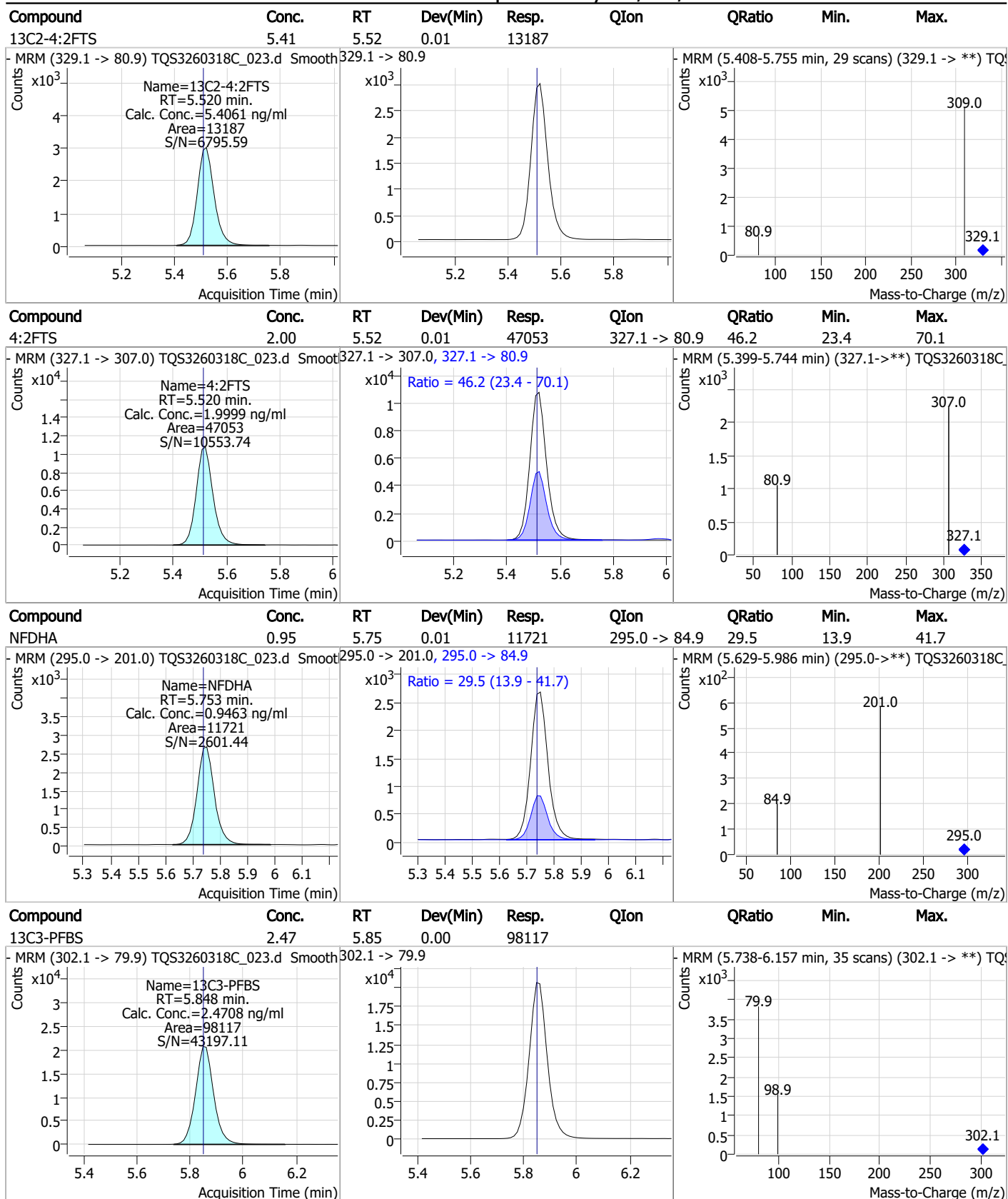
Perfluorinated Compounds by LC/MS/MS



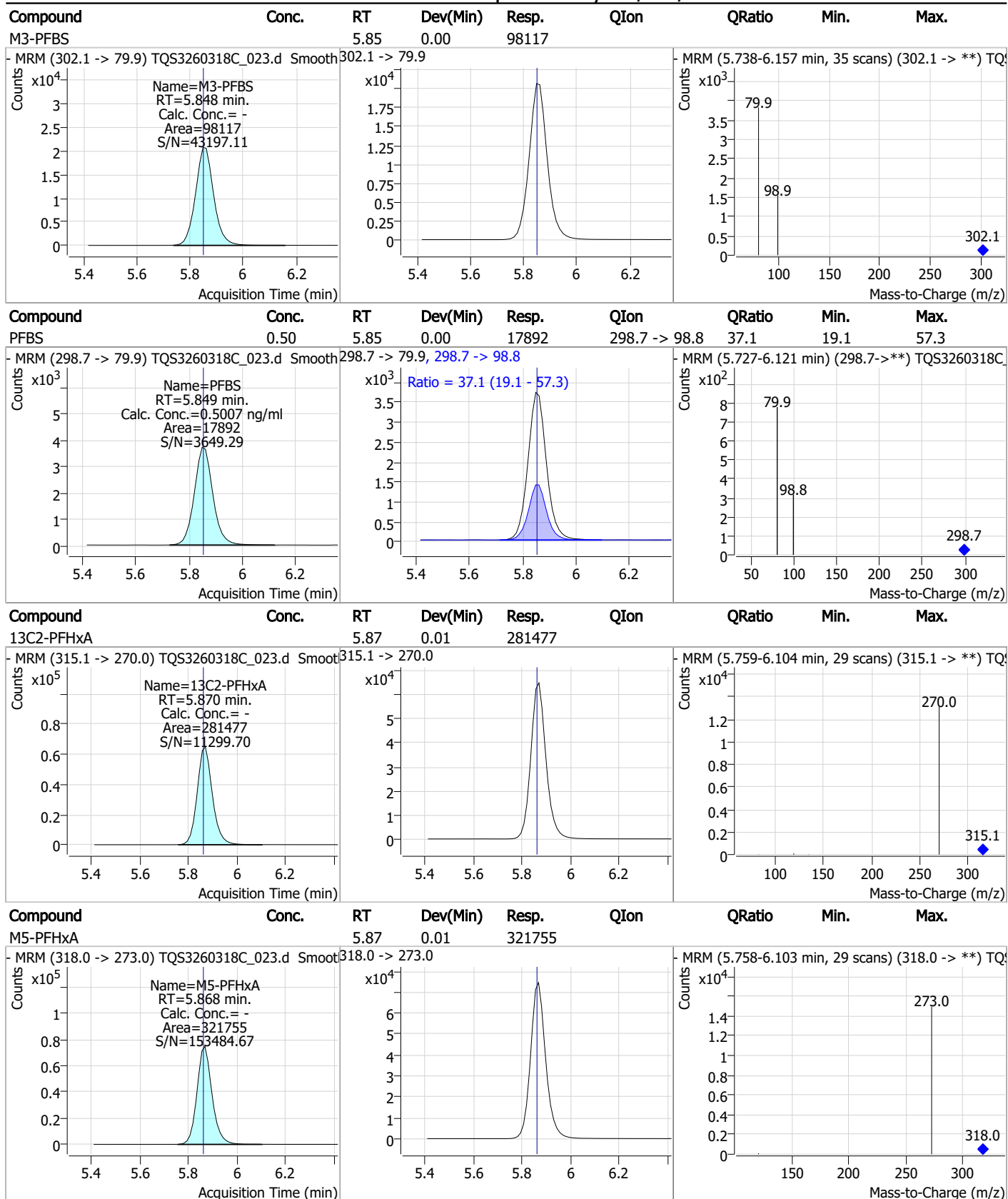
Perfluorinated Compounds by LC/MS/MS



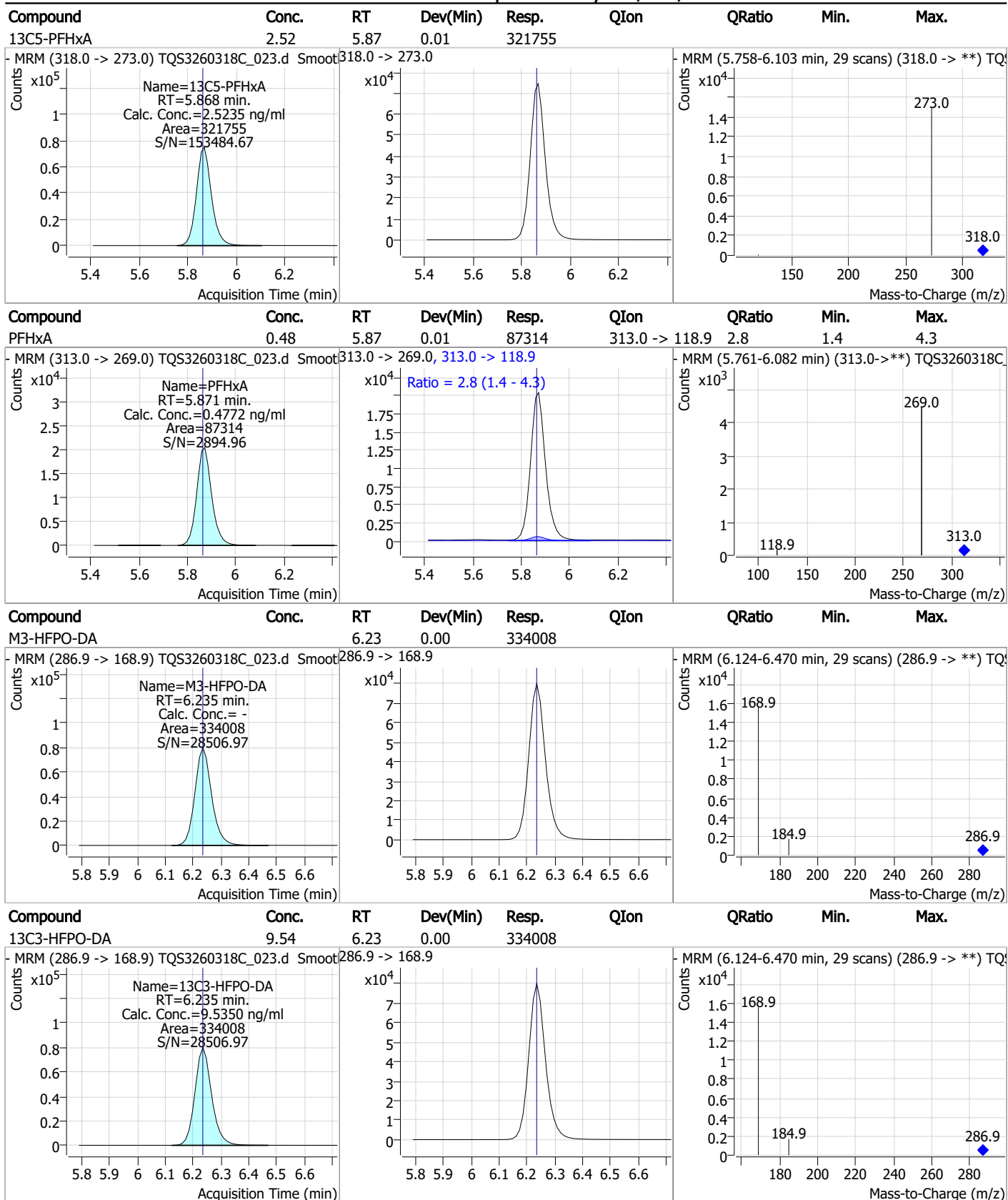
Perfluorinated Compounds by LC/MS/MS



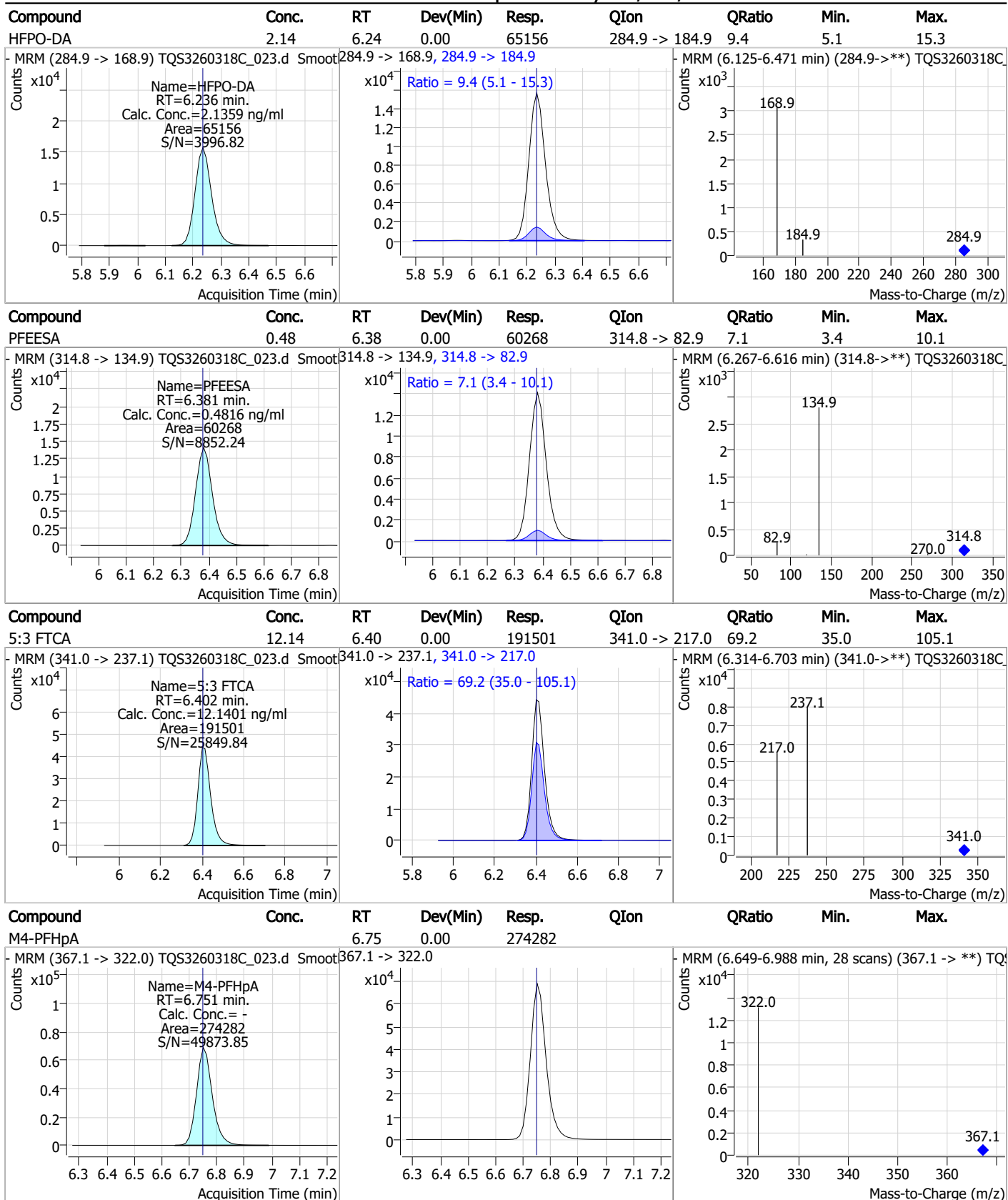
Perfluorinated Compounds by LC/MS/MS



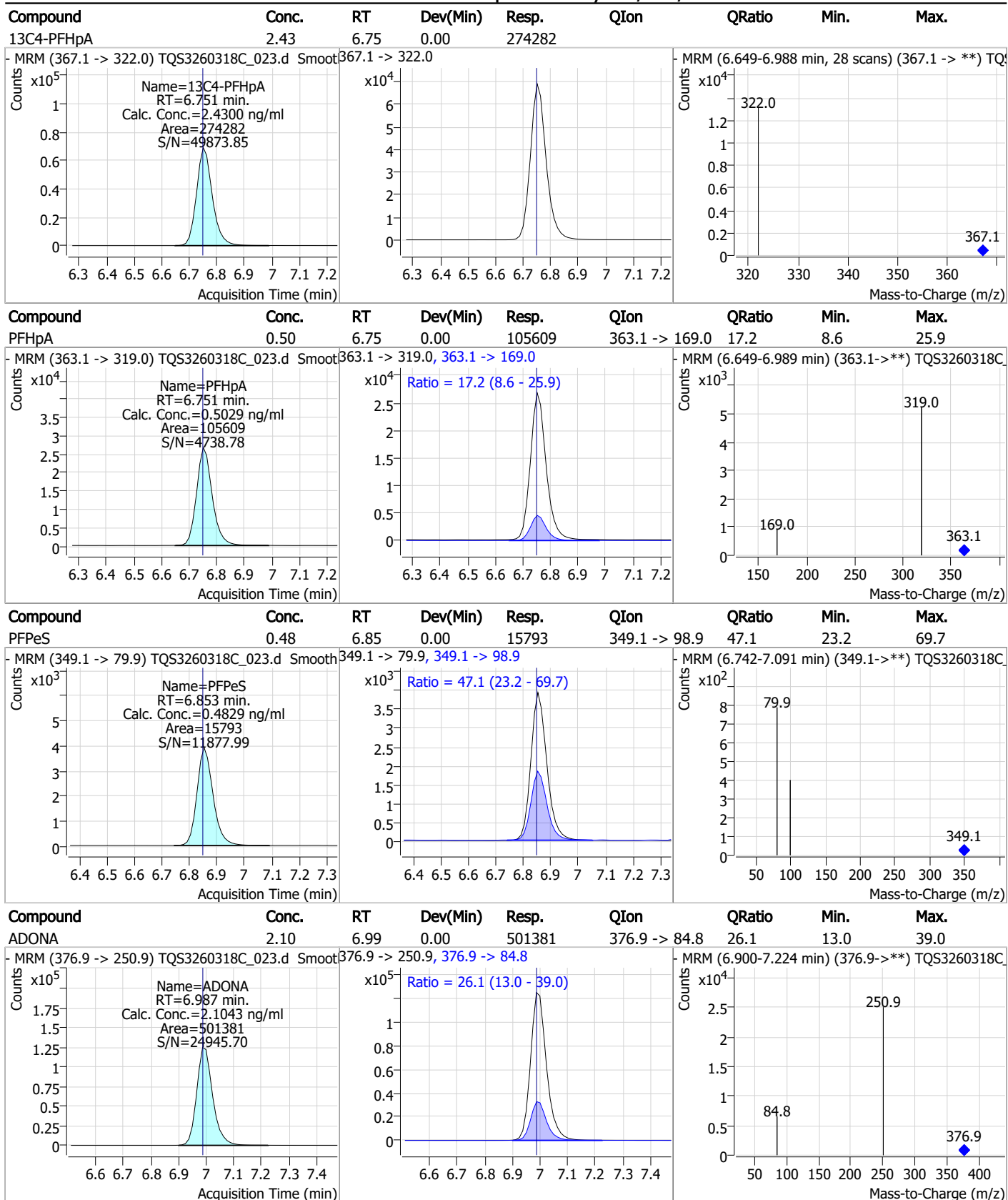
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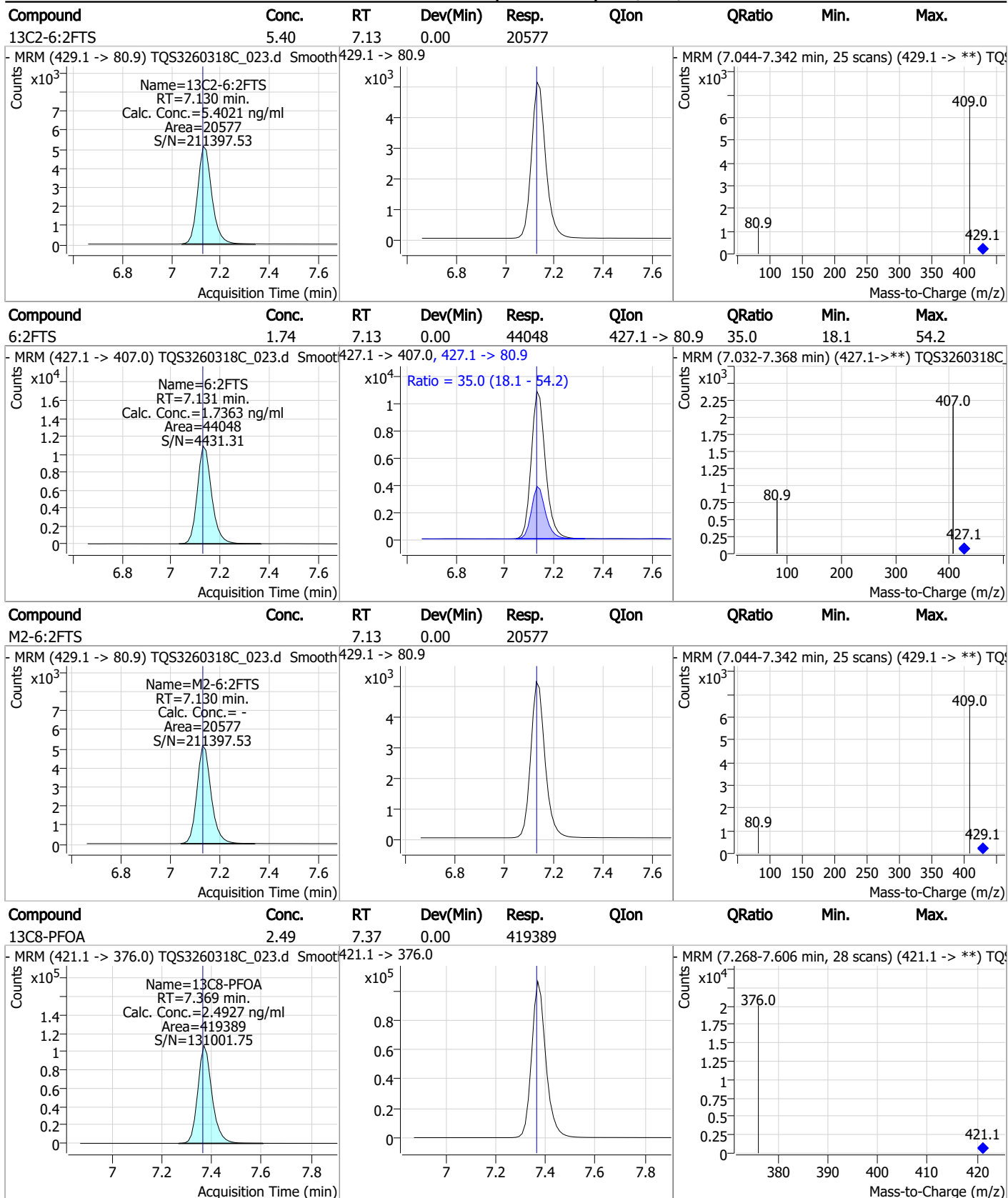
Perfluorinated Compounds by LC/MS/MS



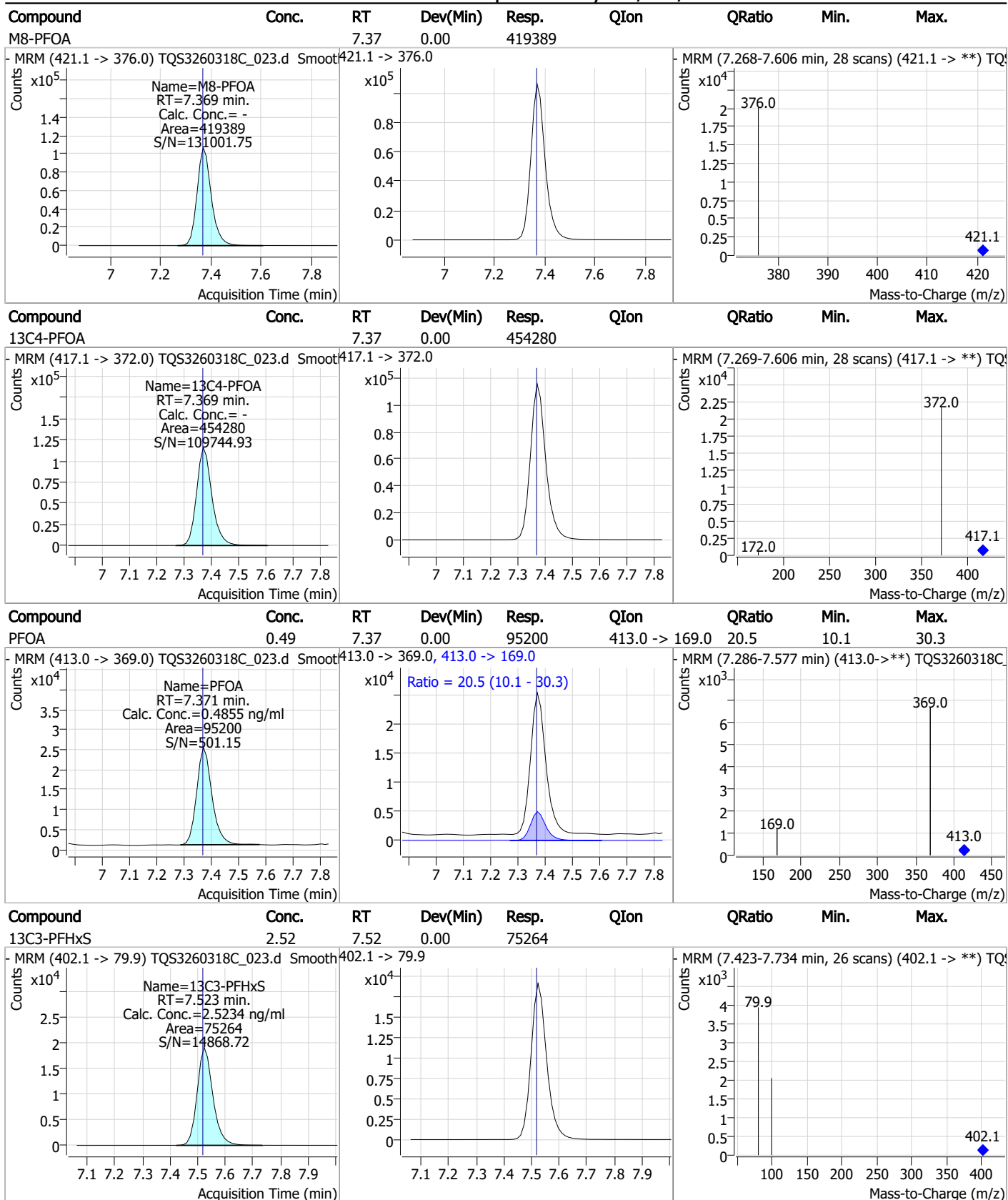
Perfluorinated Compounds by LC/MS/MS



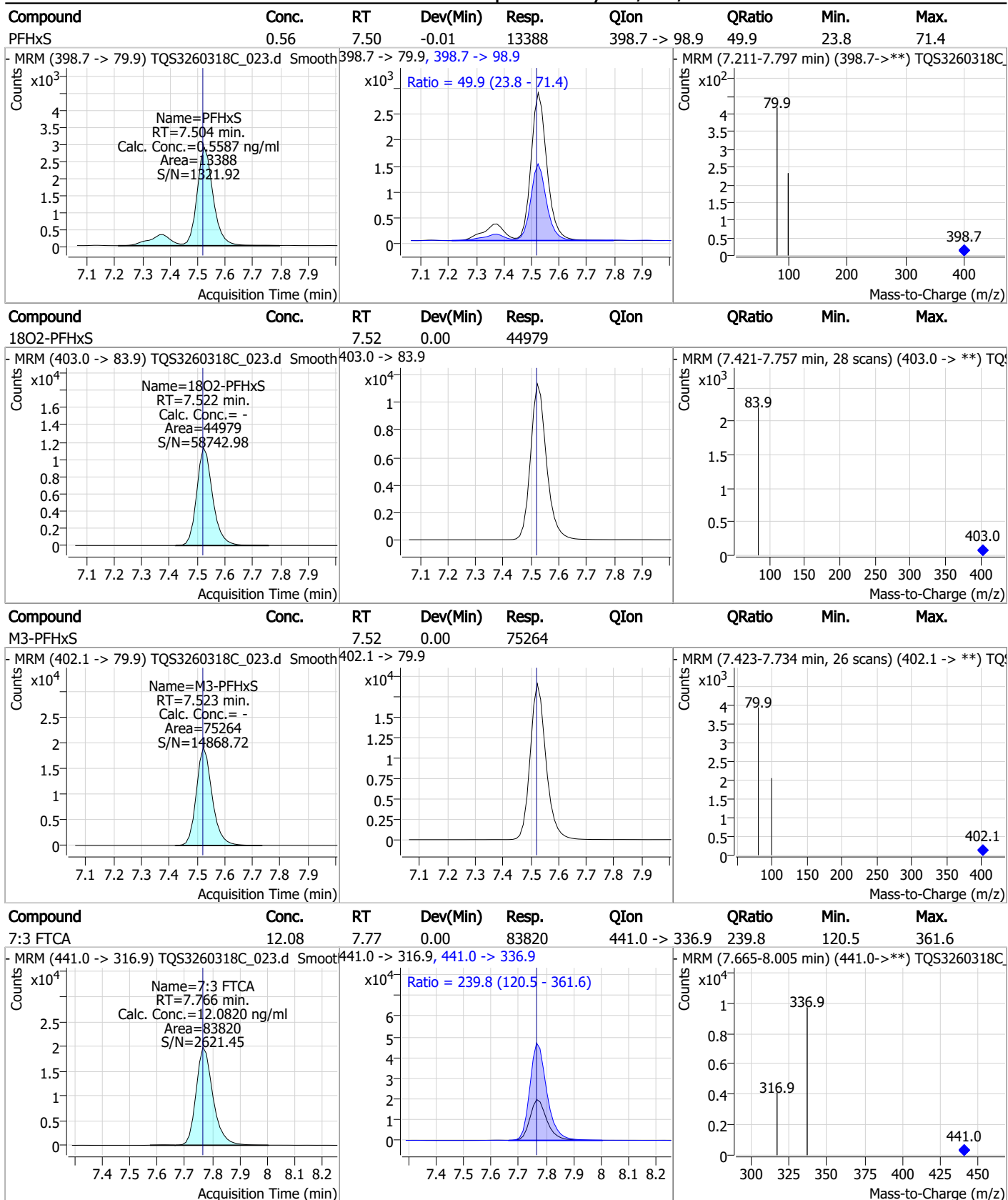
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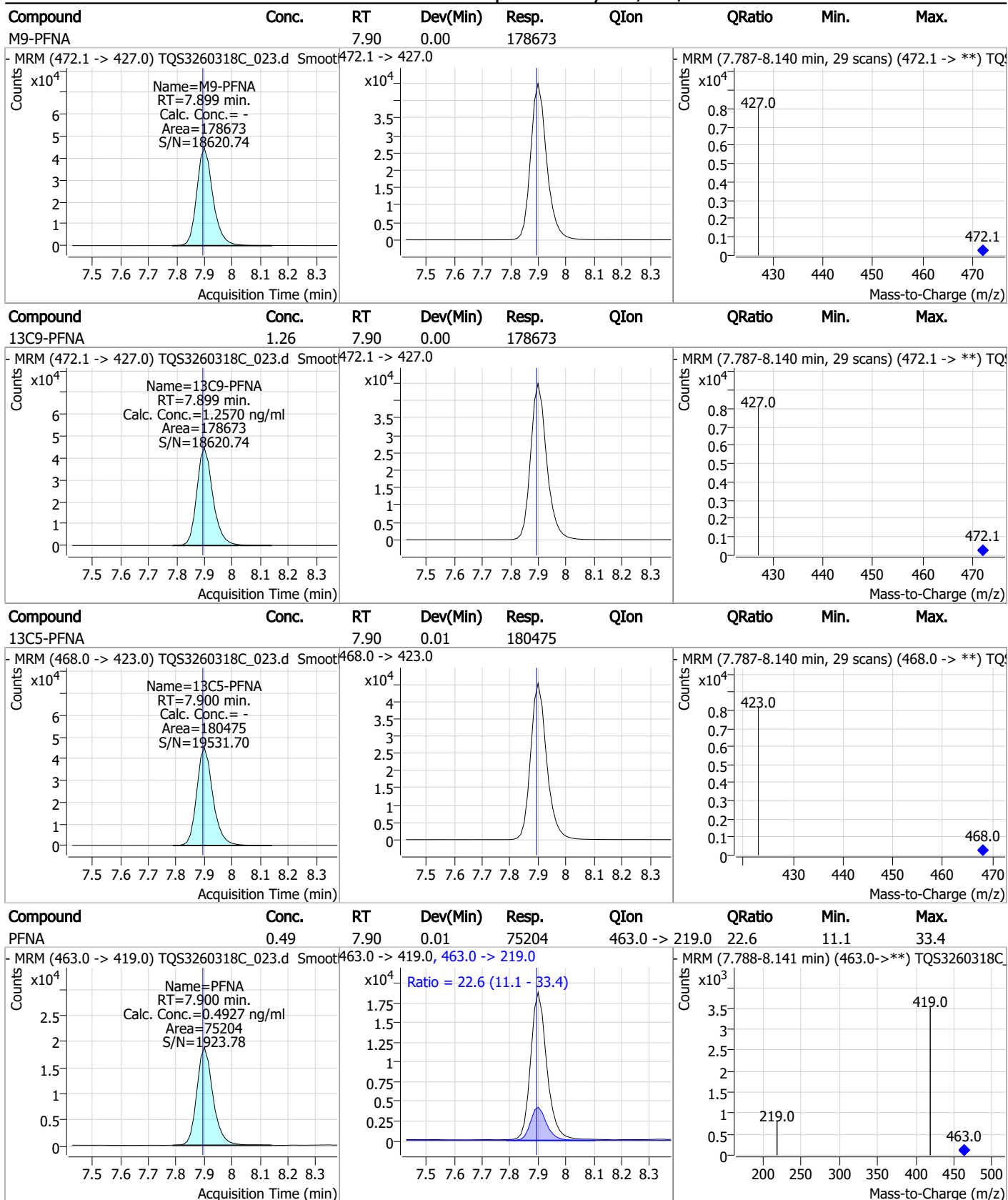
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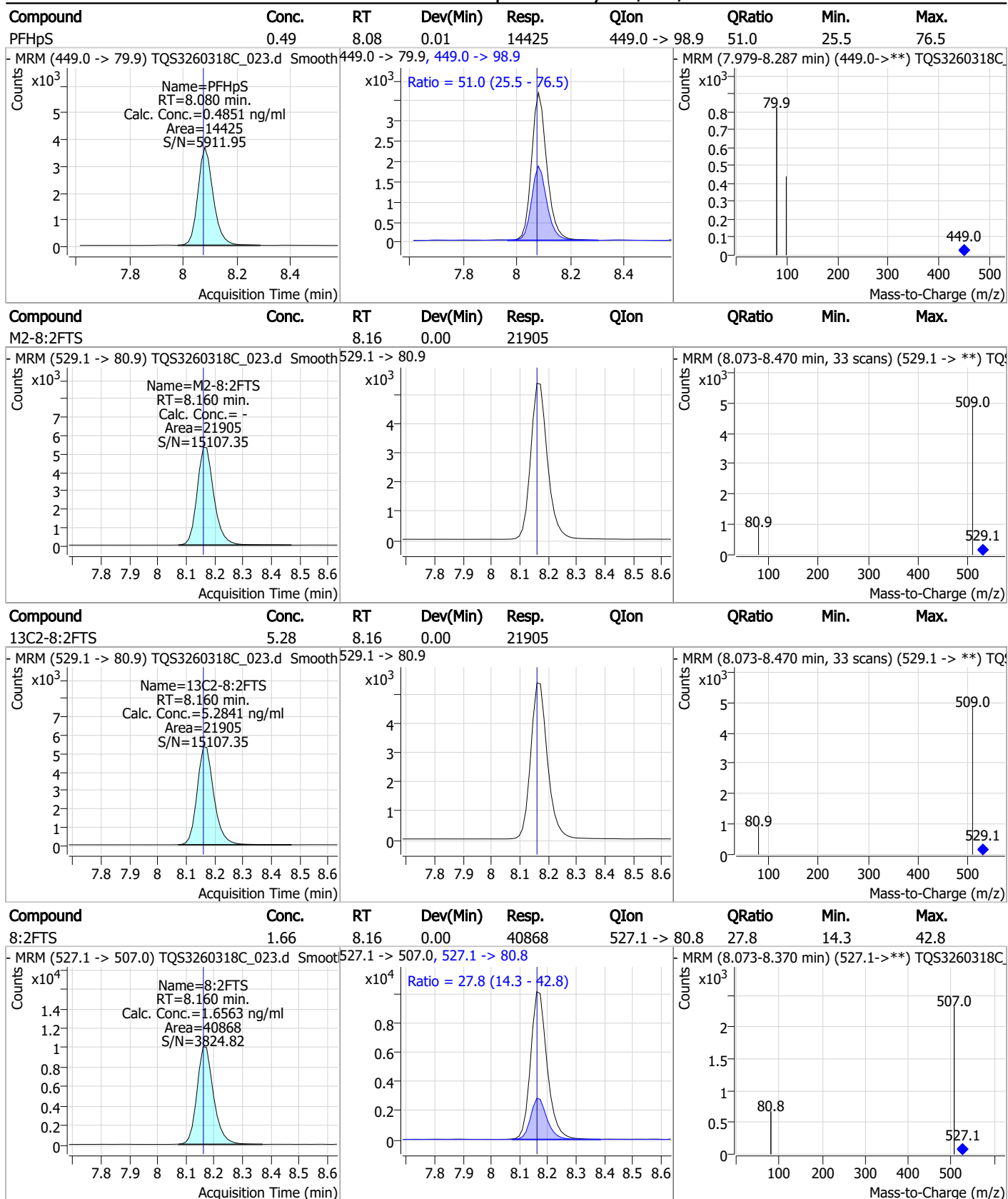
Perfluorinated Compounds by LC/MS/MS



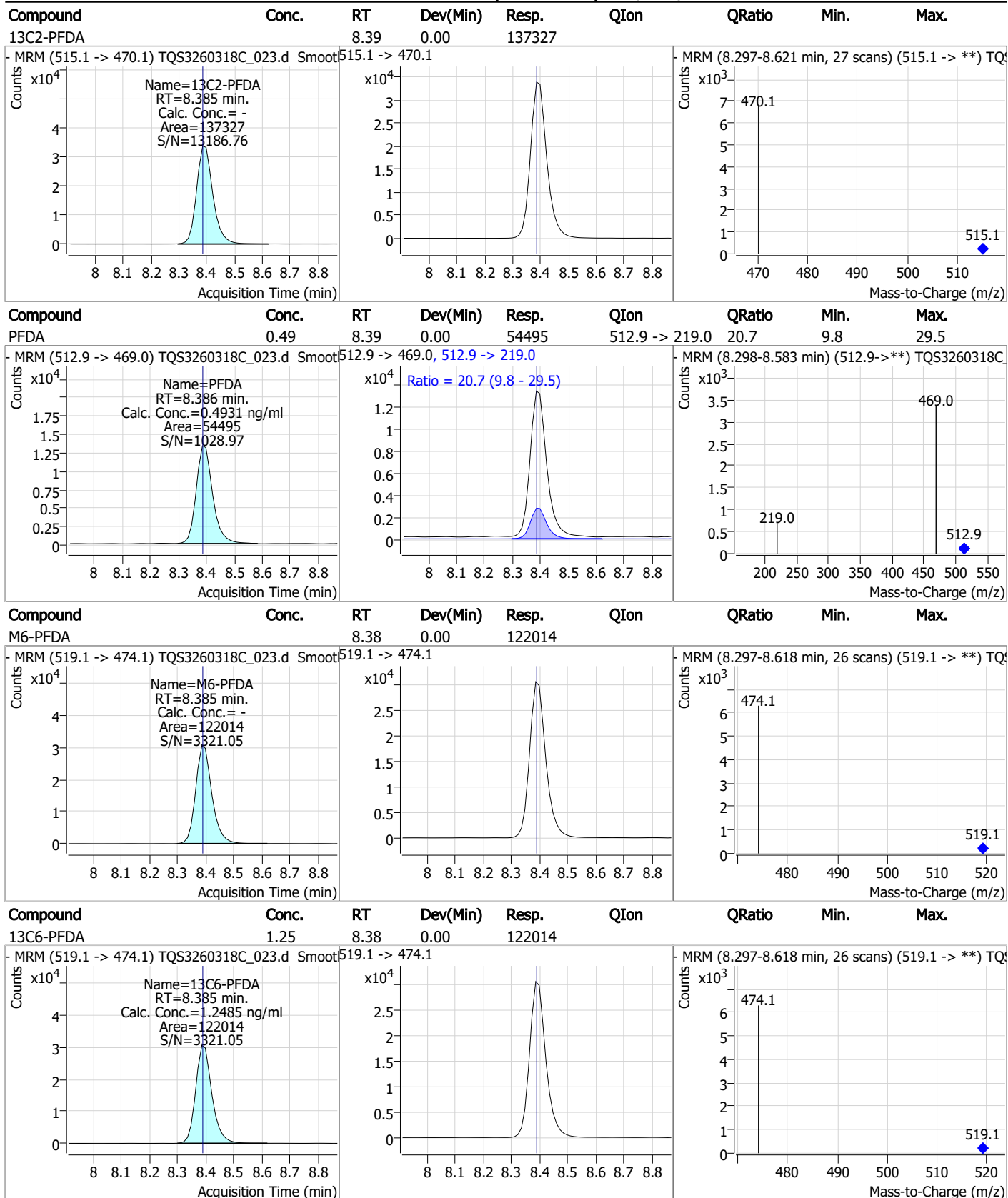
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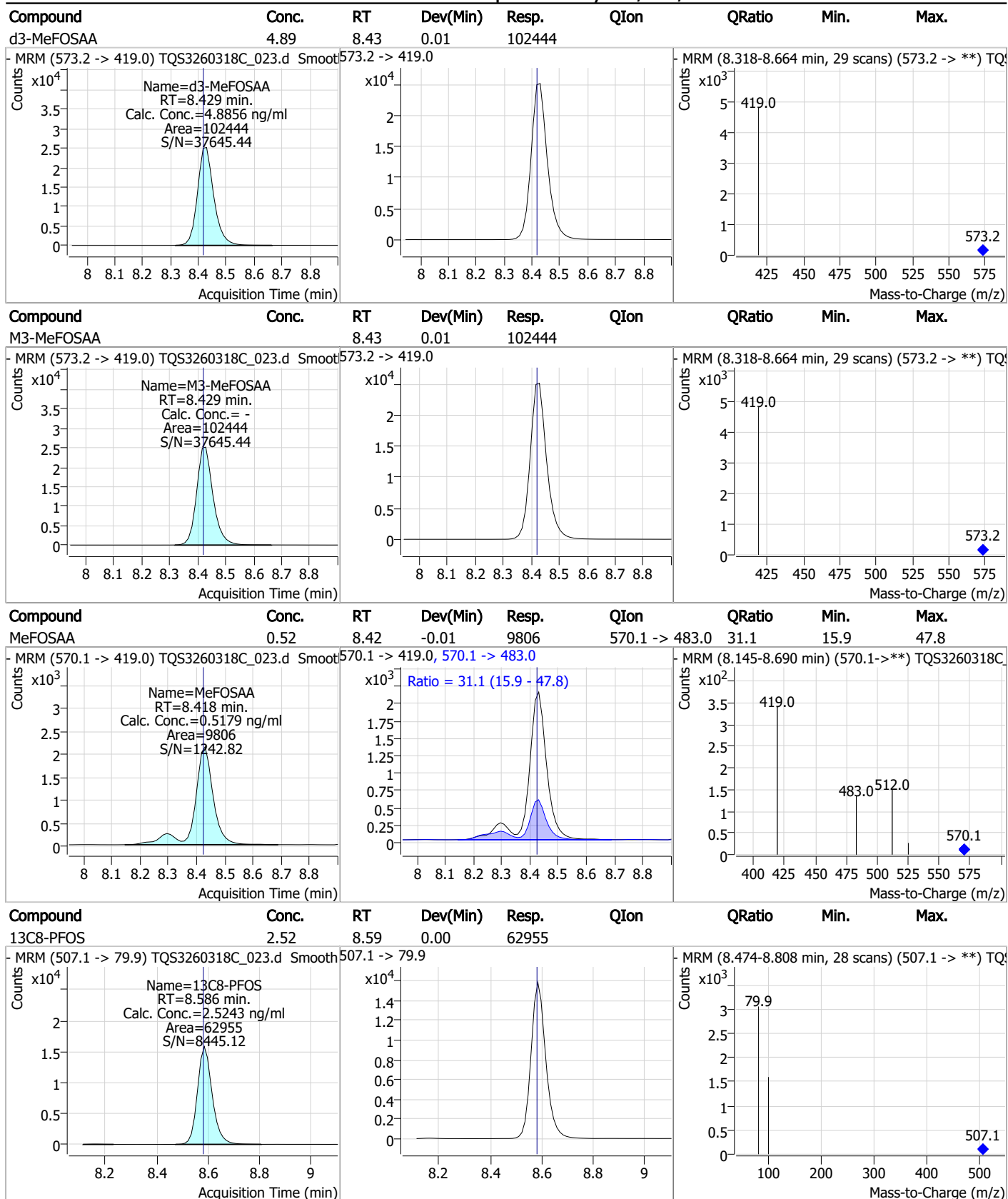
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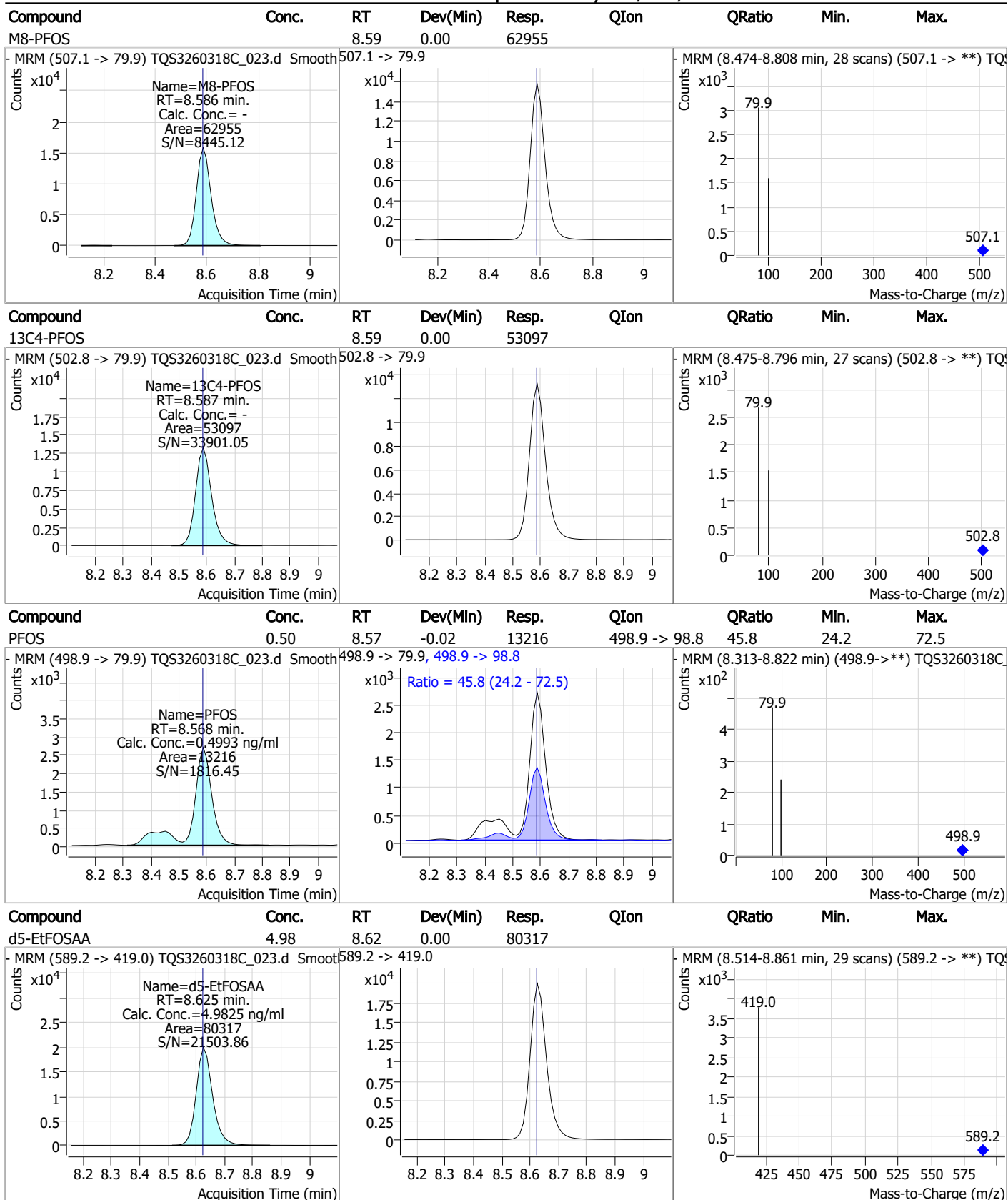
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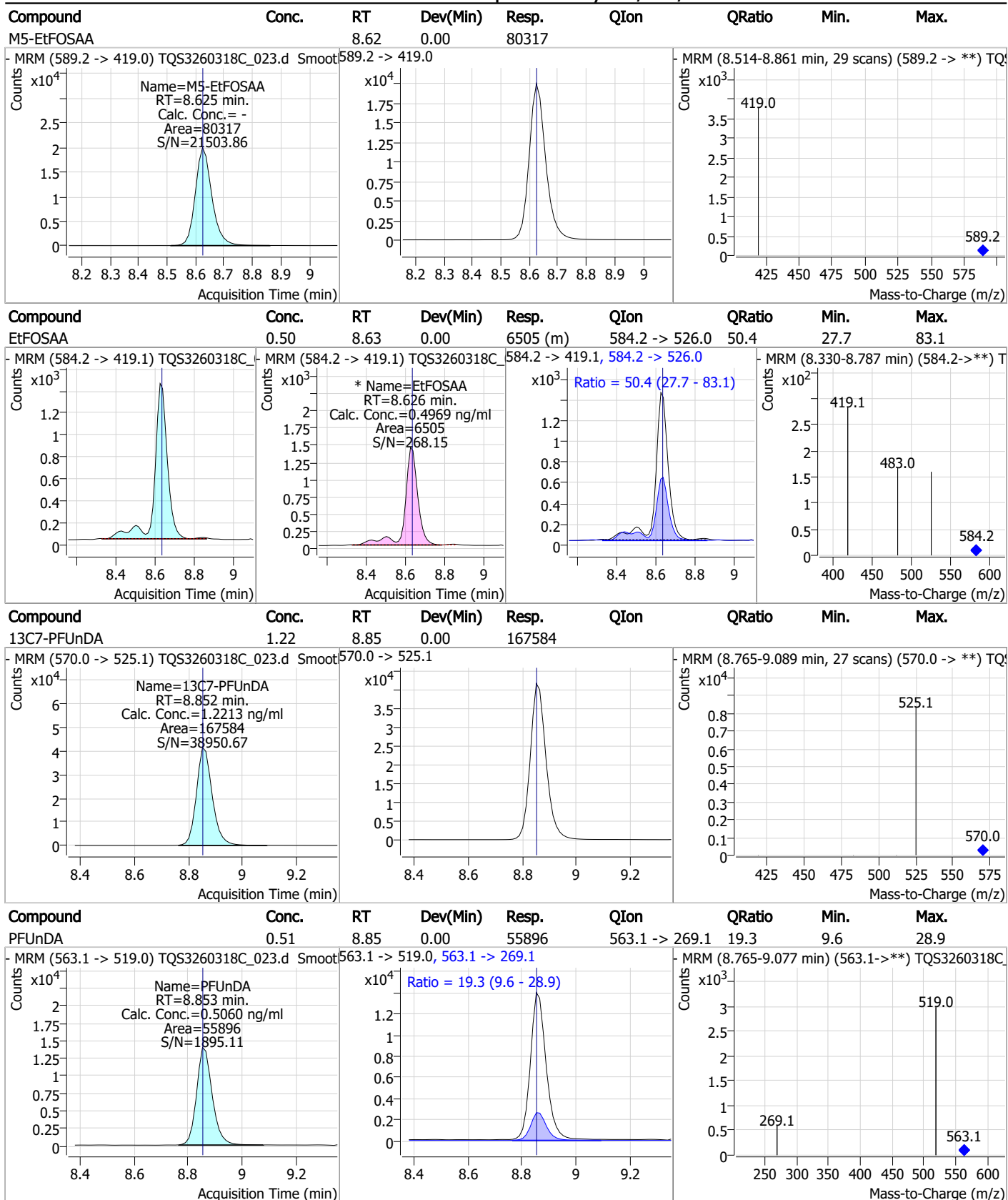
Perfluorinated Compounds by LC/MS/MS



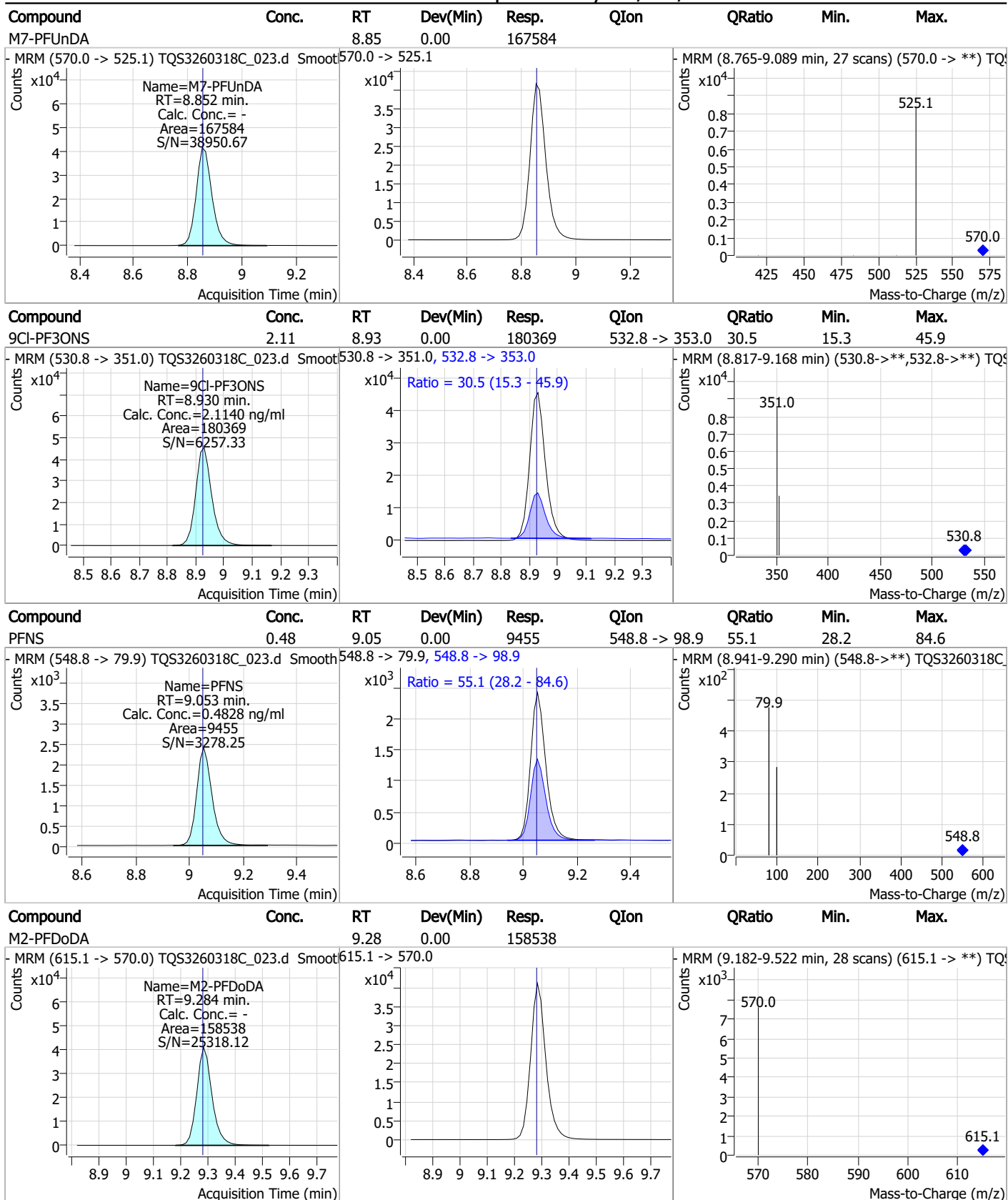
Perfluorinated Compounds by LC/MS/MS



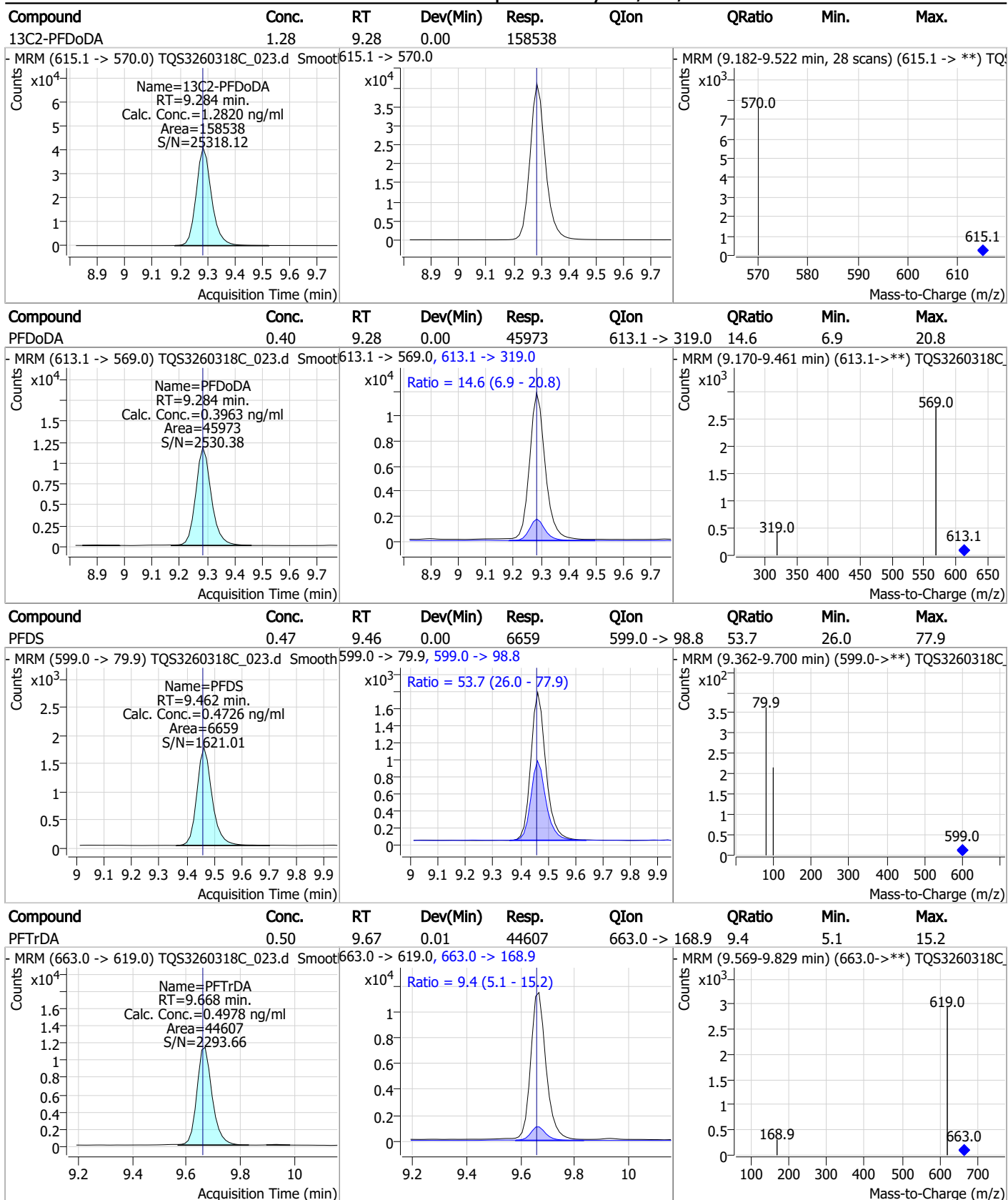
Perfluorinated Compounds by LC/MS/MS



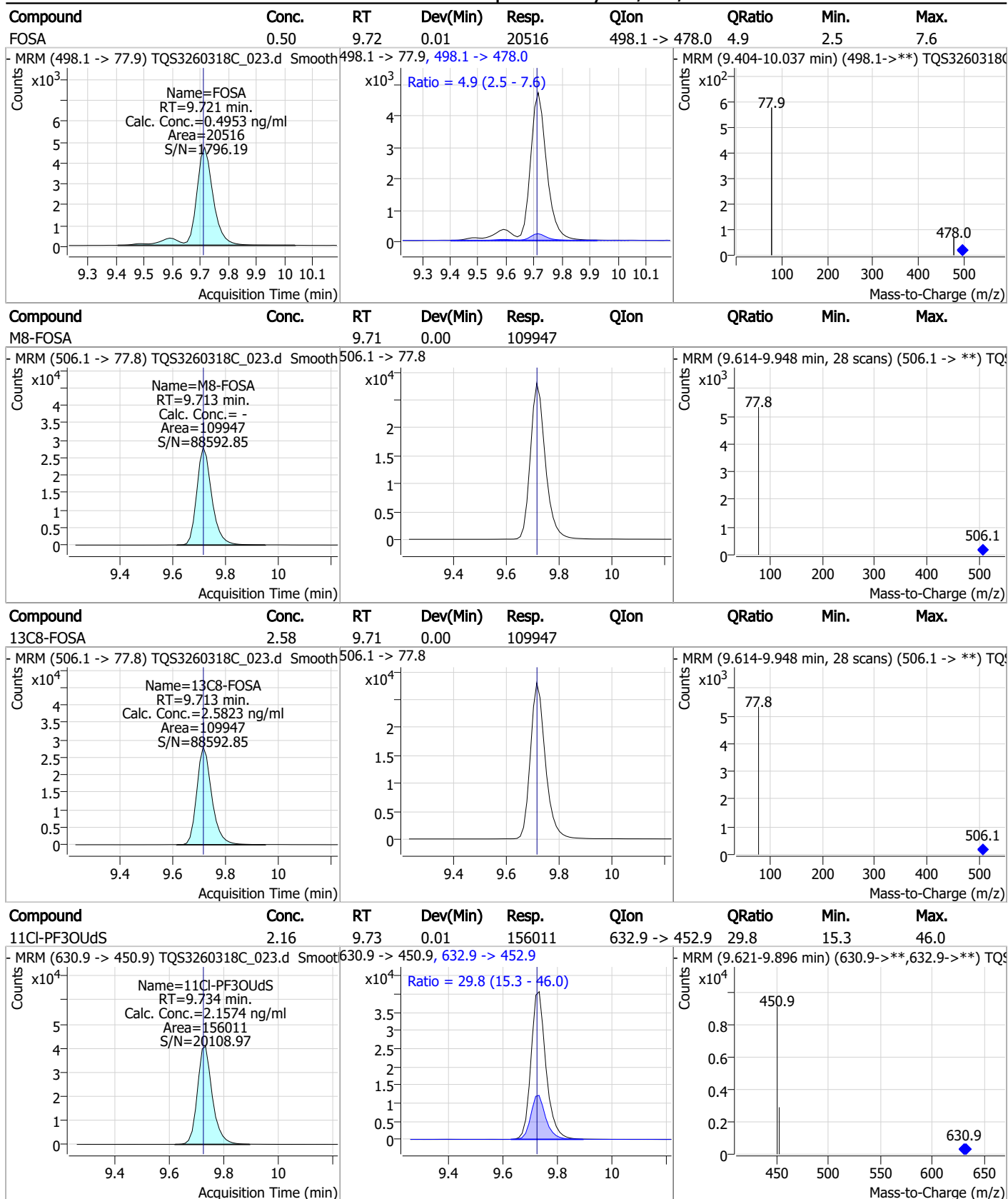
Perfluorinated Compounds by LC/MS/MS



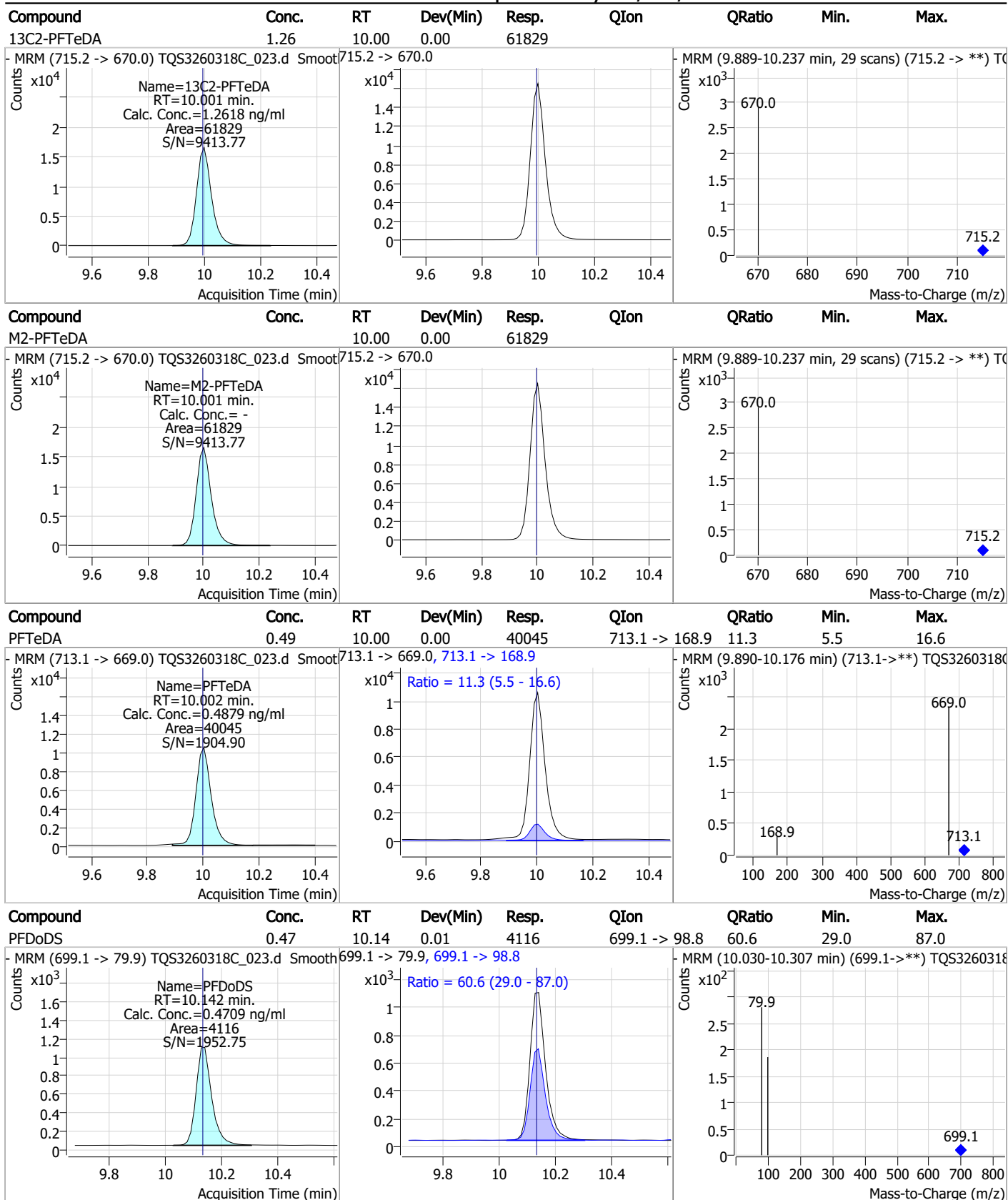
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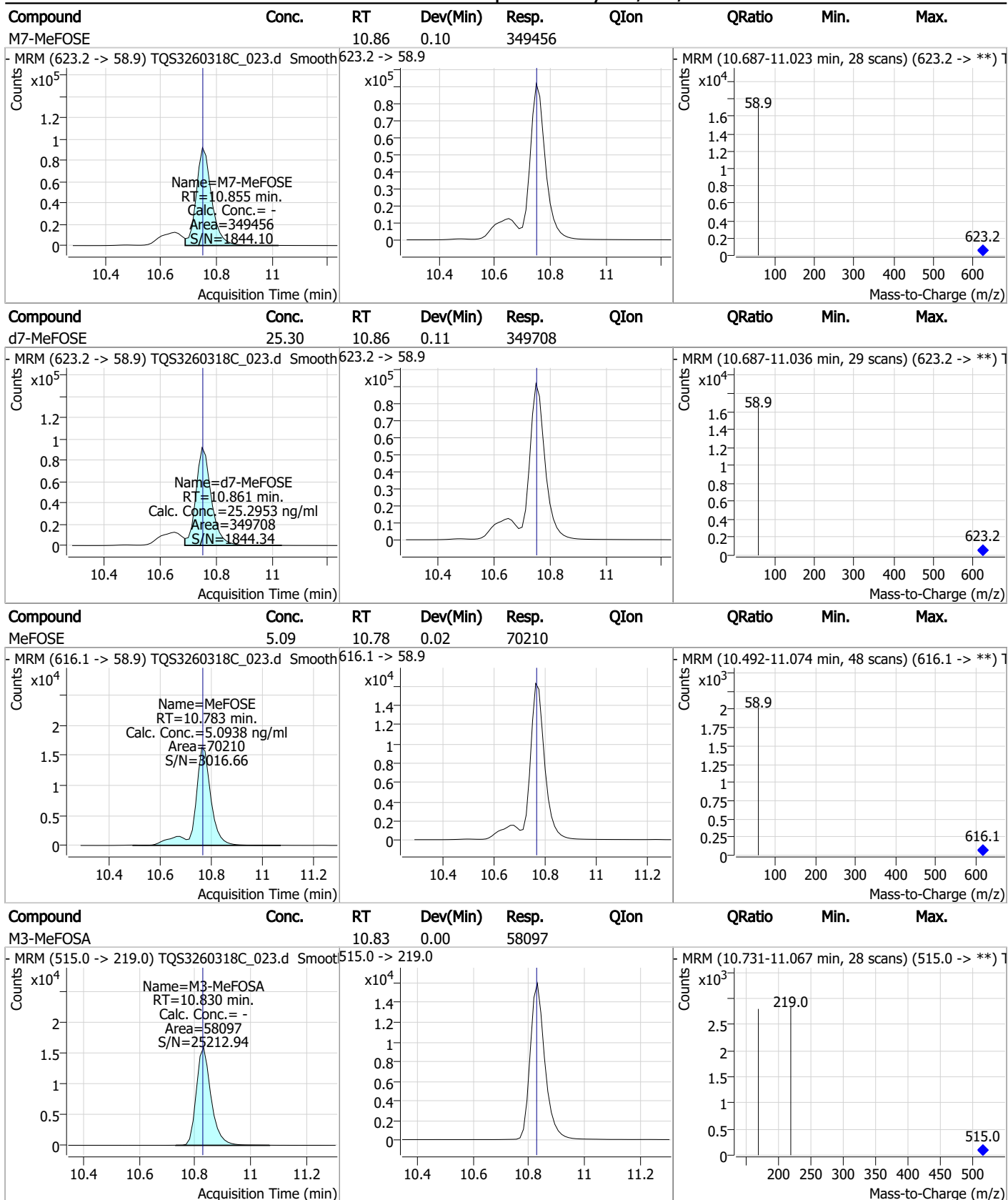
Perfluorinated Compounds by LC/MS/MS



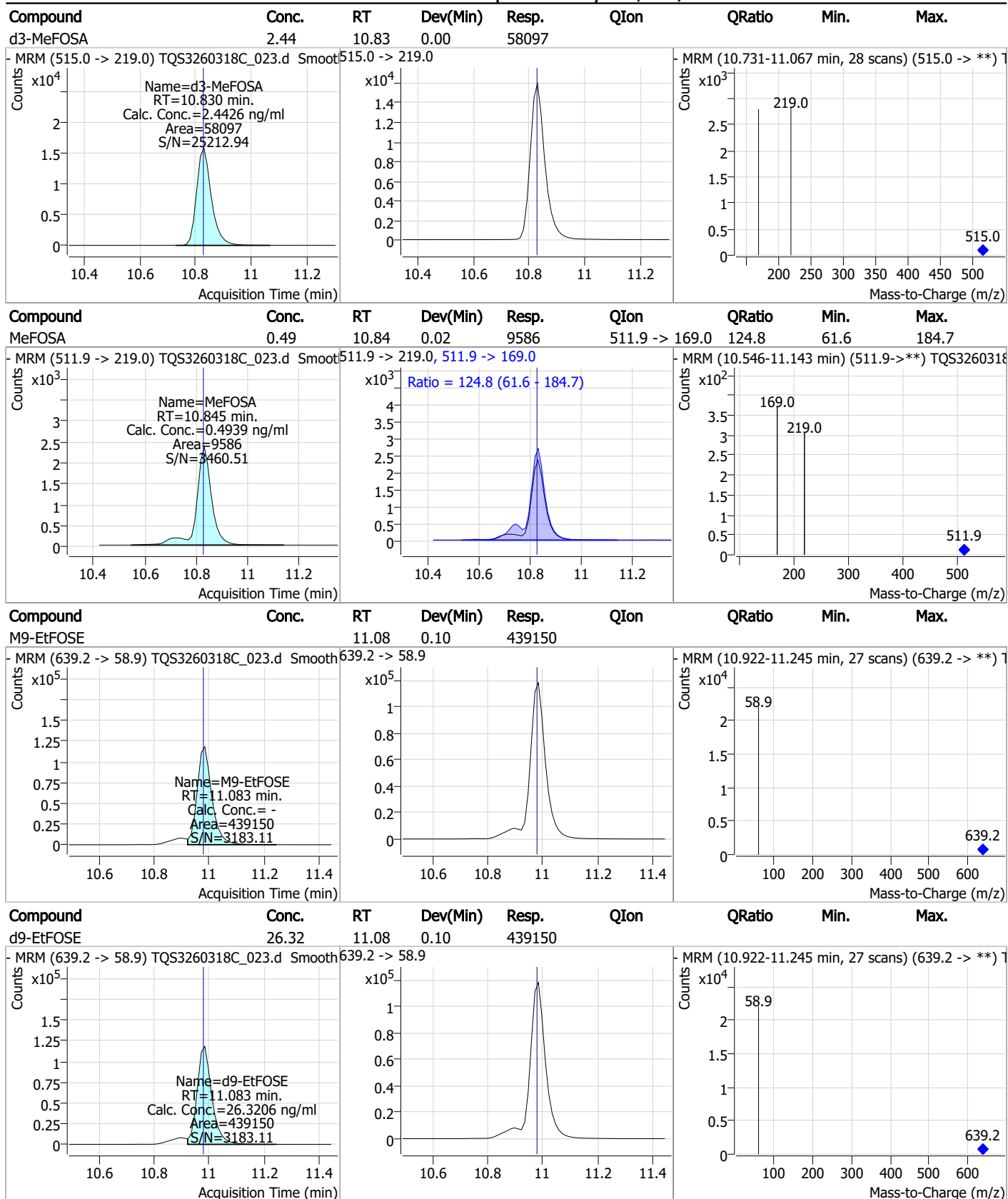
Perfluorinated Compounds by LC/MS/MS



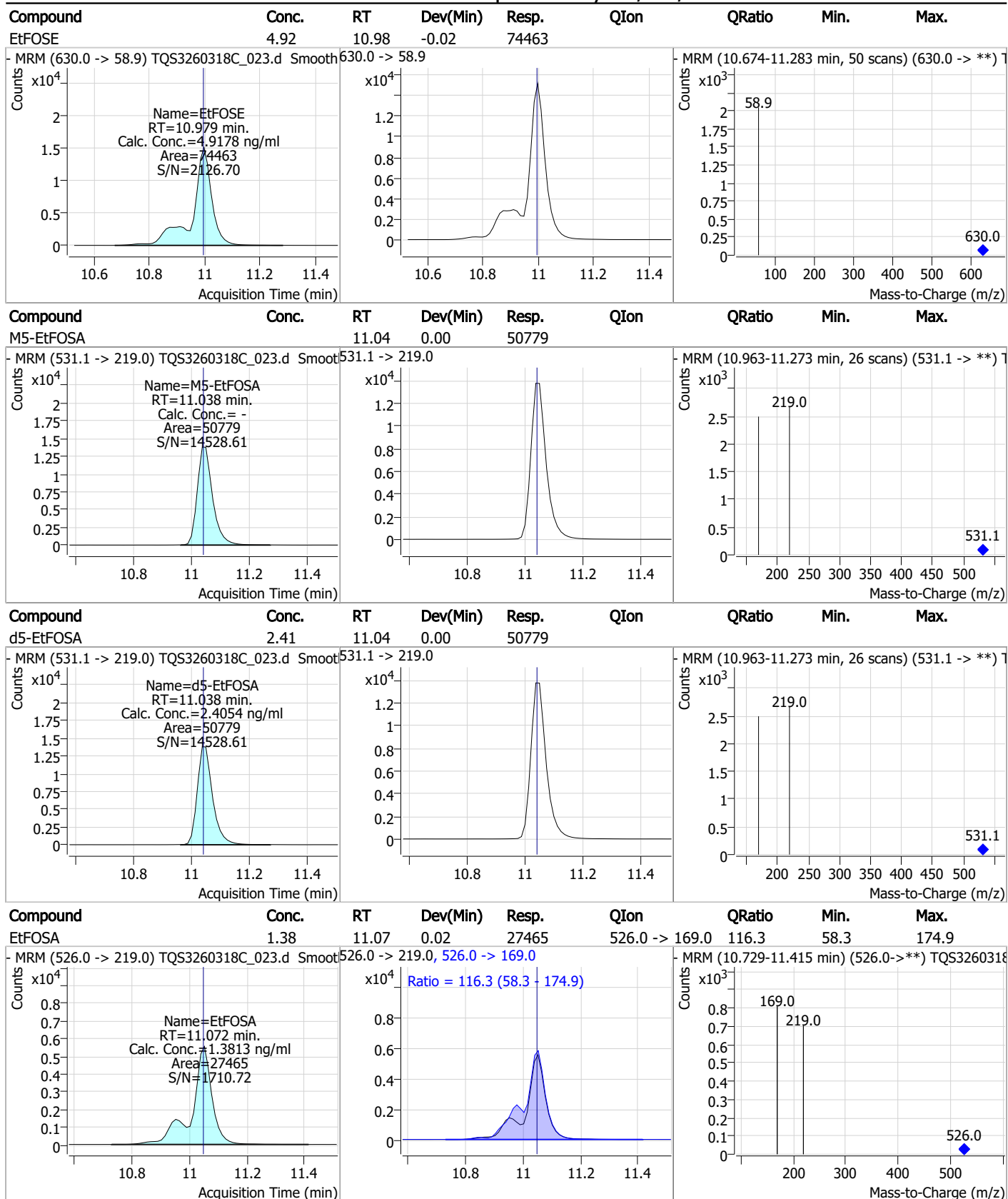
Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS

Data File : TQS3260318C_024.d
 Operator
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/18/2026 11:27:19 PM
 Sample Name : ICAL5
 Vial : P3-A7
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3913_ICAL_C_1633.batch.bin
 Sample Information : AXYS E 1.25ng/mL (MLA110 CCV)

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Internal Standards					
13C2-PFDA	8.385	515.1 -> 470.1	141642	1.25 ng/ml	0.000
13C2-PFHxA	5.857	315.1 -> 270.0	280274	2.50 ng/ml	-0.004
13C3-PFBA	3.177	216.0 -> 172.0	437393	5.00 ng/ml	0.004
13C4-PFOA	7.369	417.1 -> 372.0	446076	2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	52283	2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	181428	1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	45407	2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	12455	5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	19609	5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	19998	5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	157404	1.25 ng/ml	0.003
M2-PFTeDA	10.001	715.2 -> 670.0	60438	1.25 ng/ml	0.004
M3-HFPO-DA	6.235	286.9 -> 168.9	354017	10.00 ng/ml	0.000
M3-MeFOSA	10.830	515.0 -> 219.0	59918	2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	105340	5.00 ng/ml	-0.004
M3-PFBS	5.848	302.1 -> 79.9	97092	2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	74463	2.50 ng/ml	0.002
M4-PFBA	3.173	216.8 -> 171.9	1018004	10.00 ng/ml	0.000
M4-PFHpA	6.751	367.1 -> 322.0	278141	2.50 ng/ml	0.002
M5-EtFOSA	11.050	531.1 -> 219.0	53750	2.50 ng/ml	0.009
M5-EtFOSAA	8.625	589.2 -> 419.0	79359	5.00 ng/ml	-0.001
M5-PFHxA	5.868	318.0 -> 273.0	310690	2.50 ng/ml	0.006
M5-PFPeA	4.637	268.3 -> 223.0	453199	5.00 ng/ml	-0.005
M6-PFDA	8.385	519.1 -> 474.1	122635	1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	349334	25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	182140	1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	107931	2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	410502	2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	62001	2.50 ng/ml	0.002
M9-EtFOSE	11.083	639.2 -> 58.9	399643	25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	179499	1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	12455	5.06 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 101.2%	
13C2-6:2FTS	7.130	429.1 -> 80.9	19609	5.10 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 102.0%	
13C2-8:2FTS	8.160	529.1 -> 80.9	19998	4.78 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 95.6%	
13C2-PFDoDA	9.284	615.1 -> 570.0	157404	1.23 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 98.7%	
13C2-PFTeDA	10.001	715.2 -> 670.0	60438	1.20 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 95.7%	
13C3-HFPO-DA	6.235	286.9 -> 168.9	354017	10.15 ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 101.5%	
d3-MeFOSA	10.830	515.0 -> 219.0	59918	2.56 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 102.3%	
d3-MeFOSAA	8.417	573.2 -> 419.0	105340	5.10 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 102.0%	
13C3-PFBS	5.848	302.1 -> 79.9	97092	2.42 ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 96.9%	
13C3-PFHxS	7.523	402.1 -> 79.9	74463	2.47 ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 98.9%	
13C4-PFBA	3.173	216.8 -> 171.9	1026754	9.94 ng/ml	0.001
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 99.4%	
13C4-PFHpA	6.751	367.1 -> 322.0	278141	2.47 ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 99.0%	
d5-EtFOSA	11.050	531.1 -> 219.0	53750	2.59 ng/ml	0.009
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 103.4%	
d5-EtFOSAA	8.625	589.2 -> 419.0	79359	5.00 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 100.0%	
13C5-PFHxA	5.868	318.0 -> 273.0	310690	2.45 ng/ml	0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 97.9%	
13C5-PFPeA	4.637	268.3 -> 223.0	453199	4.97 ng/ml	-0.003
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 99.4%	
13C6-PFDA	8.385	519.1 -> 474.1	122635	1.22 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 97.3%	
d7-MeFOSE	10.861	623.2 -> 58.9	349602	25.68 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%			Recovery = 102.7%	
13C7-PFUnDA	8.852	570.0 -> 525.1	182140	1.29 ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 103.0%	
13C8-FOSA	9.713	506.1 -> 77.8	107931	2.57 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 103.0%	
13C8-PFOA	7.369	421.1 -> 376.0	410502	2.48 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 99.4%	
13C8-PFOS	8.586	507.1 -> 79.9	62001	2.52 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 101.0%	
d9-EtFOSE	11.083	639.2 -> 58.9	399643	24.33 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%			Recovery = 97.3%	
13C9-PFNA	7.899	472.1 -> 427.0	179499	1.26 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 100.5%	

Target Compounds

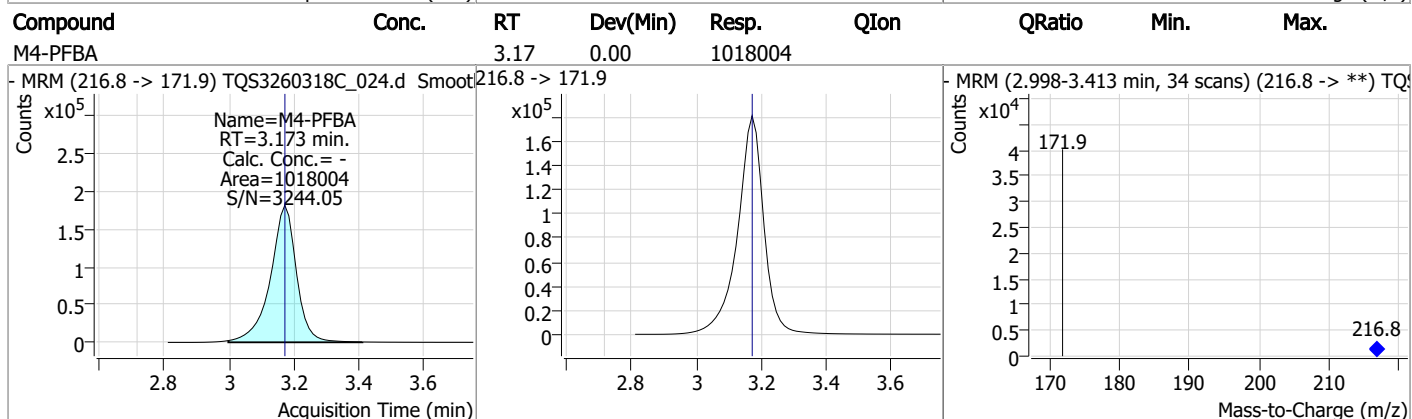
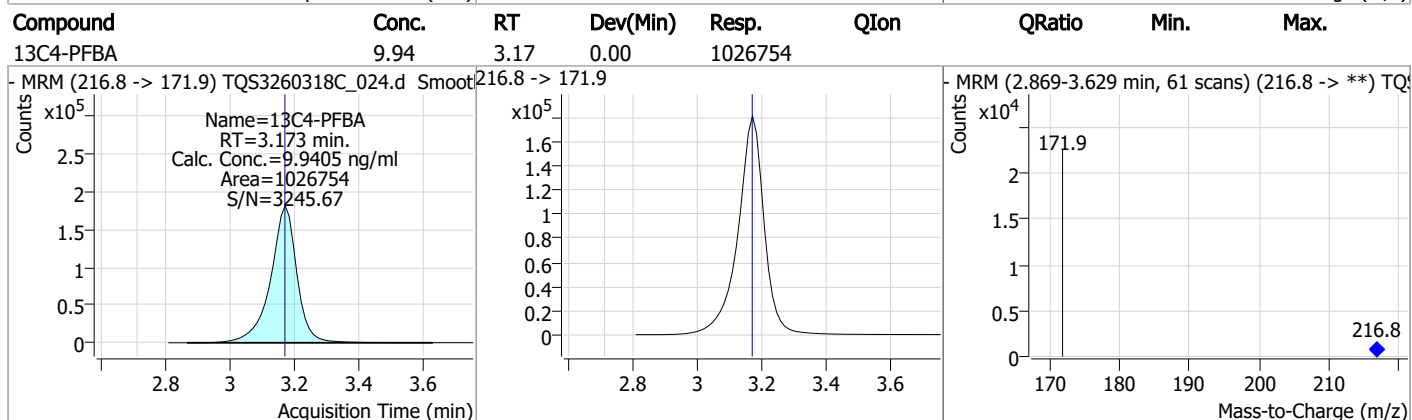
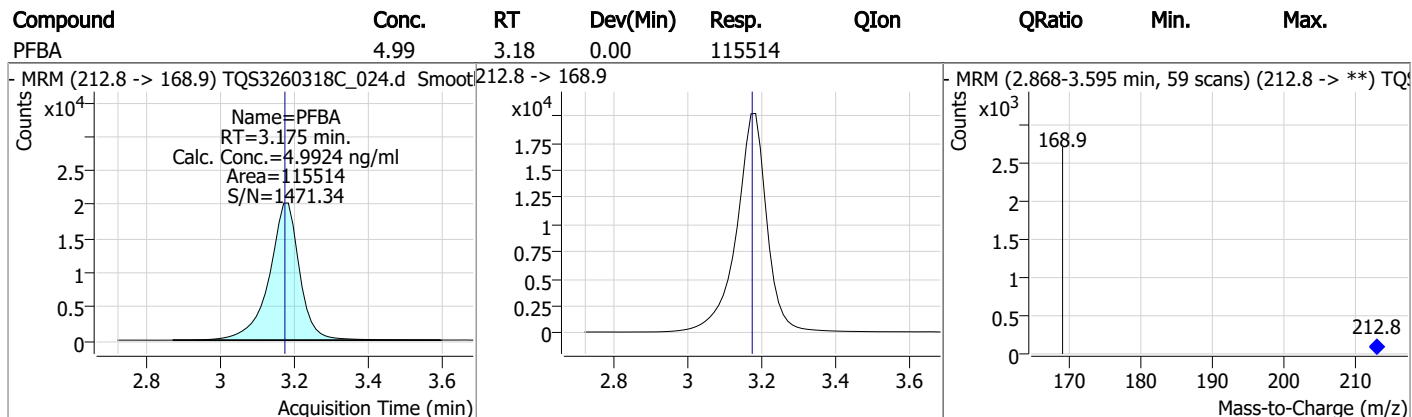
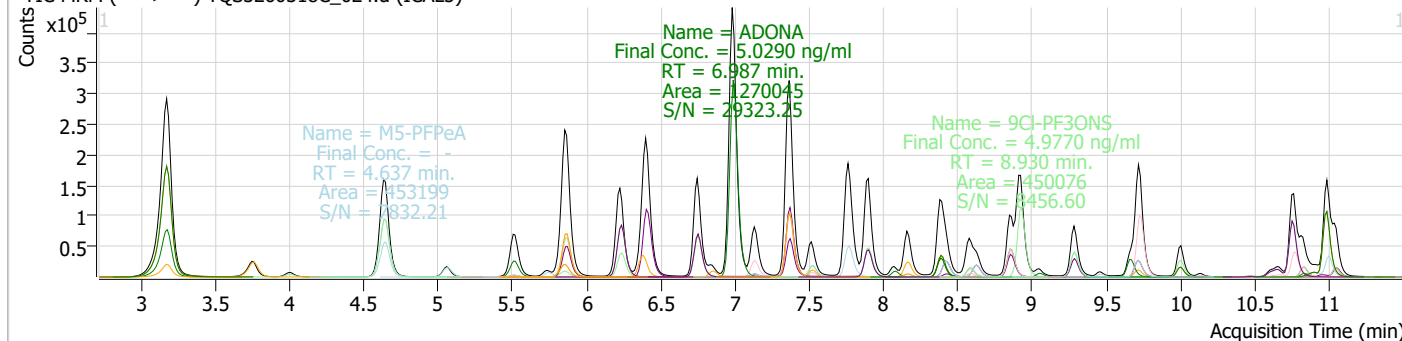
					QValue
11CI-PF3OUdS	9.721	630.9 -> 450.9	388032	5.06 ng/ml	100
TDCA	-	498.9 -> 79.9	-	N.D.	
3:3 FTCA	3.997	241.0 -> 177.0	21129	4.84 ng/ml	100
4:2FTS	5.508	327.1 -> 307.0	114642	5.16 ng/ml	100
5:3 FTCA	6.402	341.0 -> 237.1	474120	31.13 ng/ml	100
6:2FTS	7.131	427.1 -> 407.0	107392	4.44 ng/ml	100
7:3 FTCA	7.766	441.0 -> 316.9	214047	31.95 ng/ml	100
8:2FTS	8.160	527.1 -> 507.0	98855	4.39 ng/ml	100
9CI-PF3ONS	8.930	530.8 -> 351.0	450076	4.98 ng/ml	100
ADONA	6.987	376.9 -> 250.9	1270045	5.03 ng/ml	100
EtFOSA	11.072	526.0 -> 219.0	73165	3.48 ng/ml	100
EtFOSAA	8.596	584.2 -> 419.1	15945	1.23 ng/ml	100
EtFOSE	10.979	630.0 -> 58.9	174693	12.68 ng/ml	100
FOSA	9.721	498.1 -> 77.9	51119	1.26 ng/ml	100
HFPO-DA	6.236	284.9 -> 168.9	163803	5.07 ng/ml	100
MeFOSA	10.845	511.9 -> 219.0	24461	1.22 ng/ml	100
MeFOSAA	8.418	570.1 -> 419.0	23453	1.20 ng/ml	100
MeFOSE	10.783	616.1 -> 58.9	176904	12.84 ng/ml	100
NFDHA	5.740	295.0 -> 201.0	30835	2.58 ng/ml	100
PFBA	3.175	212.8 -> 168.9	115514	4.99 ng/ml	100

Perfluorinated Compounds by LC/MS/MS

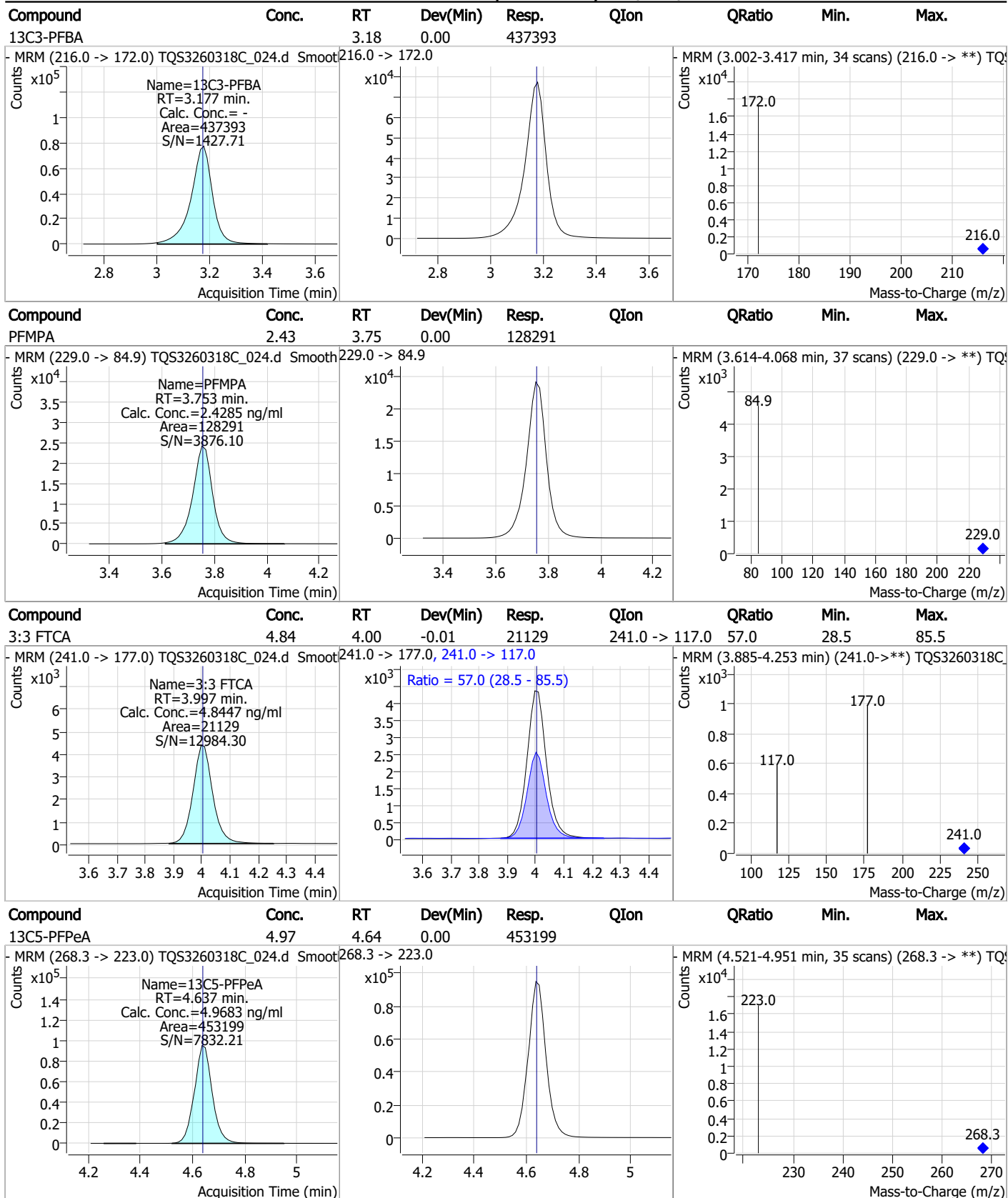
Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	44620	1.26 ng/ml	100
PFDA	8.386	512.9 -> 469.0	140820	1.27 ng/ml	100
PFDoDA	9.284	613.1 -> 569.0	116546	1.01 ng/ml	100
PFDoDS	10.129	699.1 -> 79.9	10495	1.22 ng/ml	100
PFDS	9.462	599.0 -> 79.9	17225	1.24 ng/ml	100
PFEESA	6.381	314.8 -> 134.9	151822	1.26 ng/ml	100
PFHpA	6.751	363.1 -> 319.0	264722	1.24 ng/ml	100
PFHpS	8.080	449.0 -> 79.9	37224	1.27 ng/ml	100
PFHxA	5.871	313.0 -> 269.0	217877	1.23 ng/ml	100
PFHxS	7.504	398.7 -> 79.9	33443	1.41 ng/ml	100
PFMBA	5.065	279.0 -> 85.1	71244	1.24 ng/ml	100
PFMPA	3.753	229.0 -> 84.9	128291	2.43 ng/ml	100
PFNA	7.900	463.0 -> 419.0	192522	1.26 ng/ml	100
PFNS	9.053	548.8 -> 79.9	24013	1.24 ng/ml	100
PFOA	7.371	413.0 -> 369.0	241576	1.26 ng/ml	100
PFOS	8.568	498.9 -> 79.9	31593	1.21 ng/ml	100
PFPeA	4.640	263.0 -> 219.0	271599	2.48 ng/ml	100
PFPeS	6.853	349.1 -> 79.9	40098	1.24 ng/ml	100
PFTeDA	10.002	713.1 -> 669.0	102538	1.28 ng/ml	100
PFTTrDA	9.656	663.0 -> 619.0	111408	1.25 ng/ml	100
PFUnDA	8.853	563.1 -> 519.0	146808	1.22 ng/ml	100

= Qualifier out of range, m = manually integrated, + = Area summed

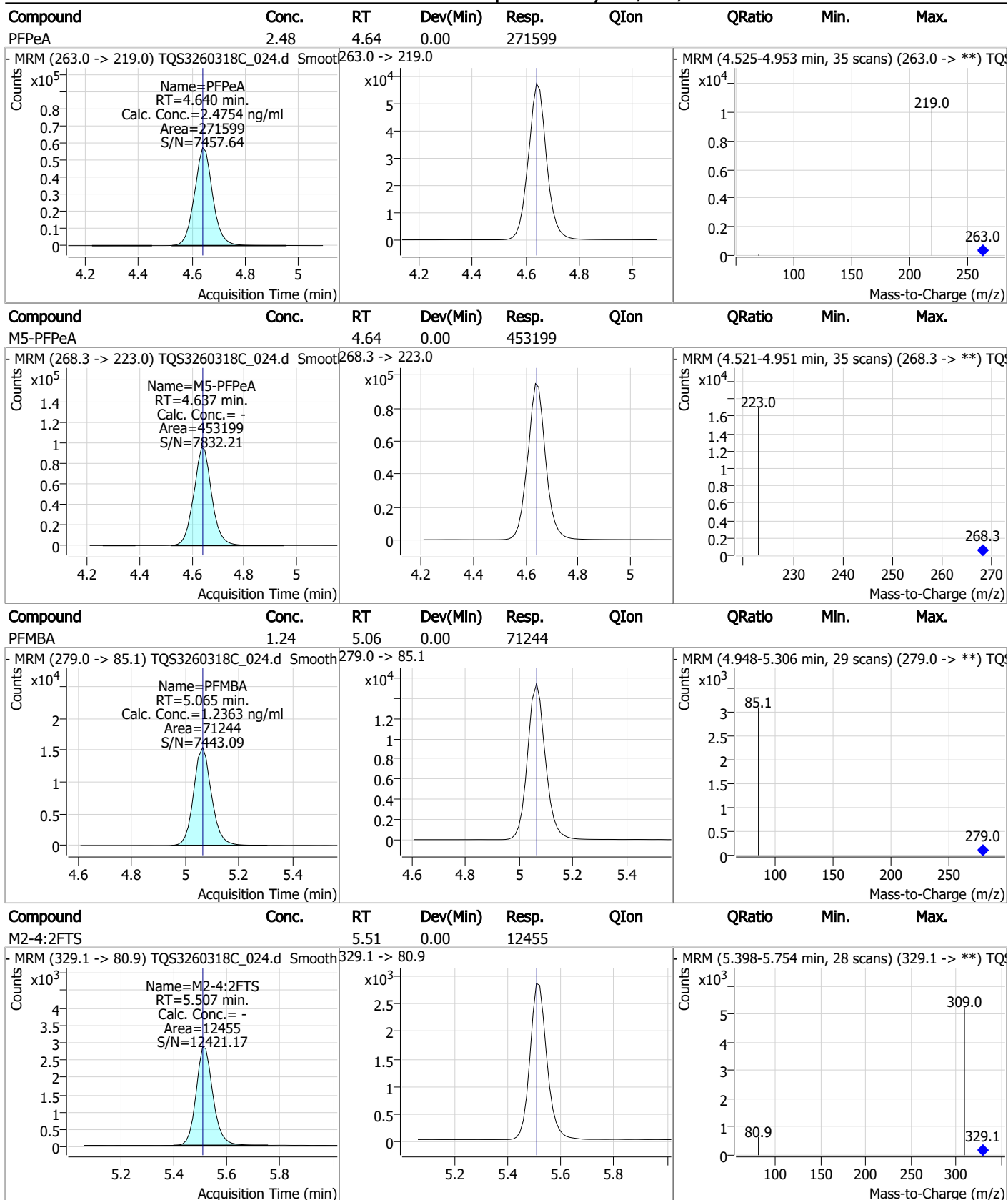
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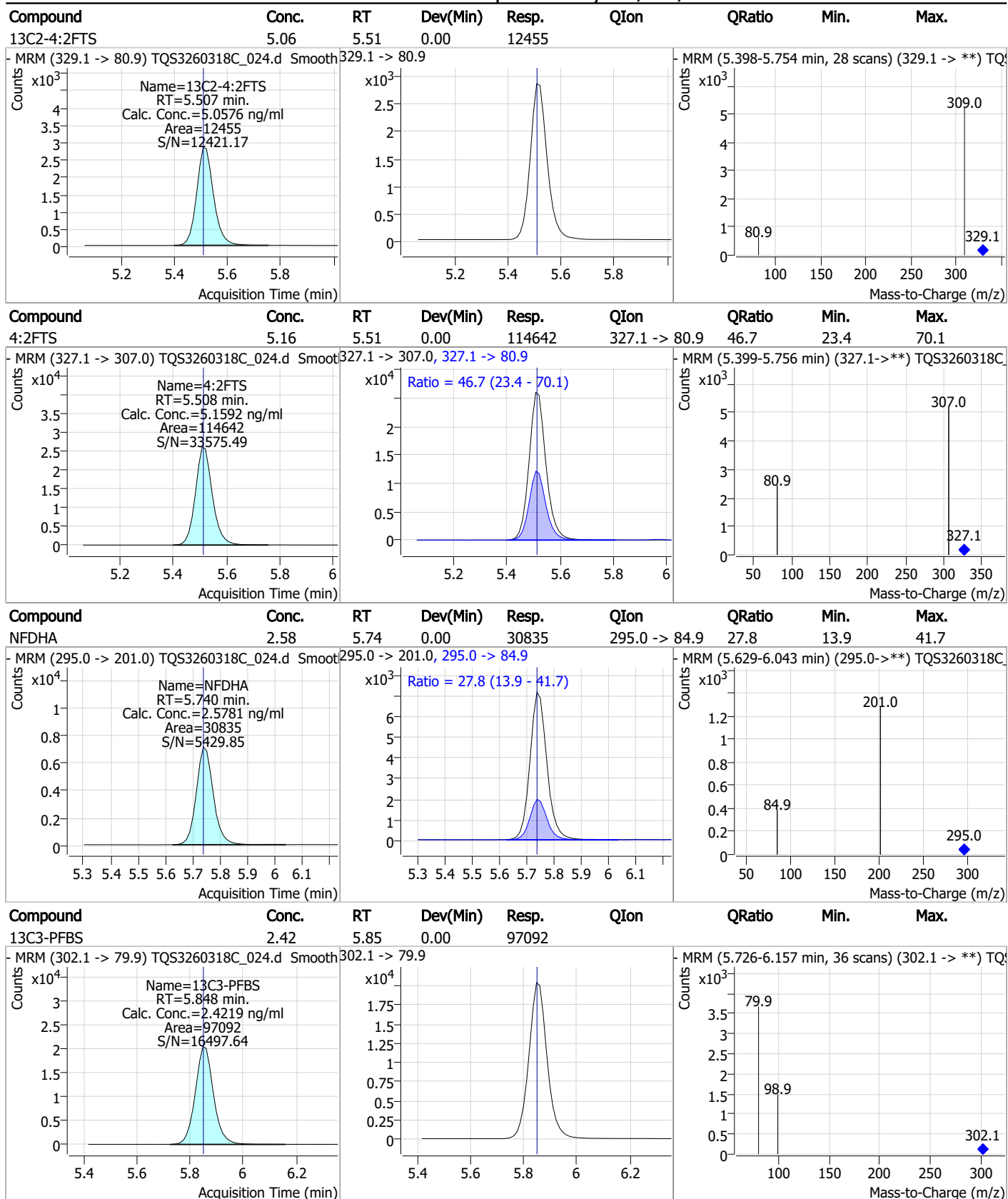
Perfluorinated Compounds by LC/MS/MS



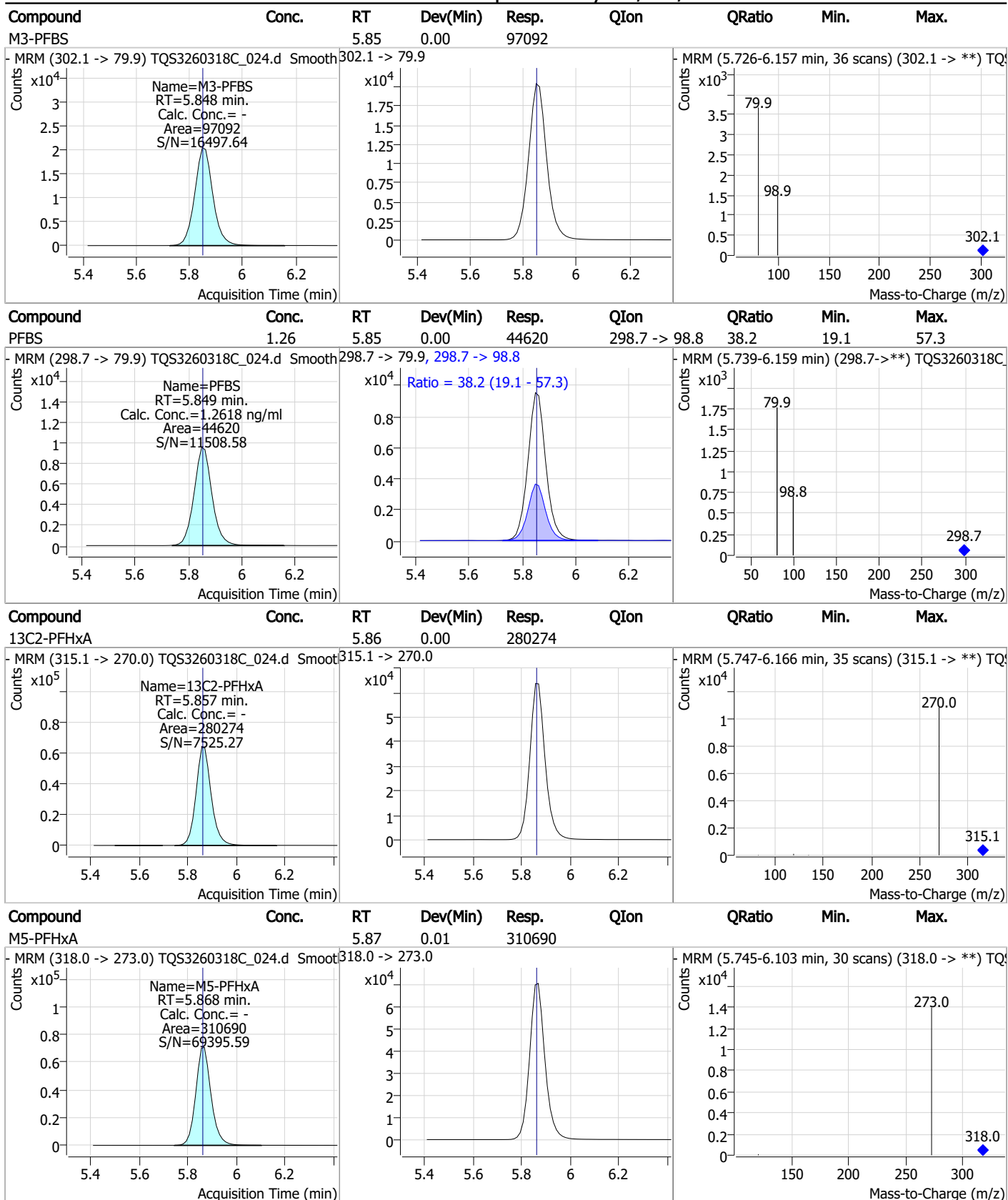
Perfluorinated Compounds by LC/MS/MS



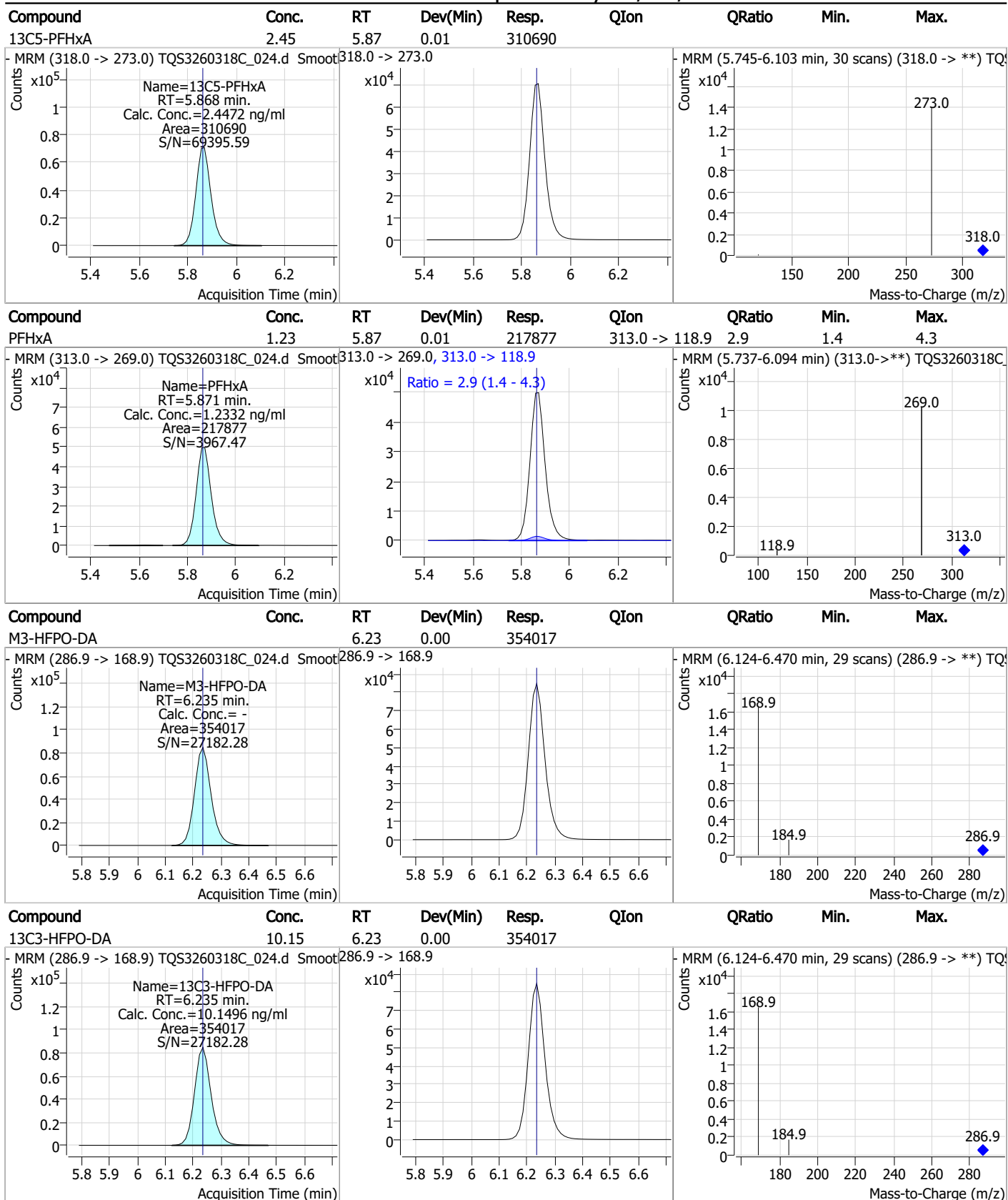
Perfluorinated Compounds by LC/MS/MS



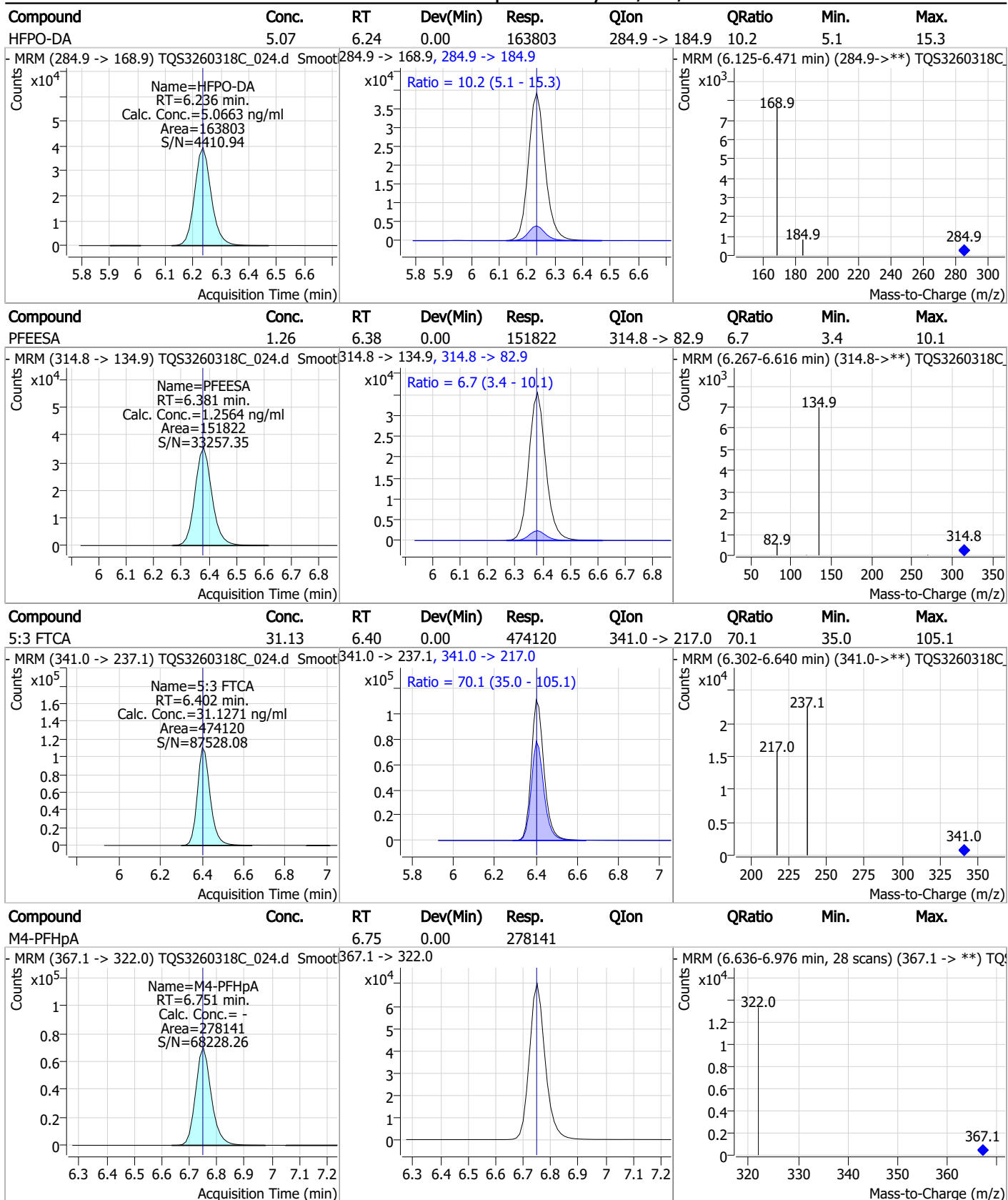
Perfluorinated Compounds by LC/MS/MS



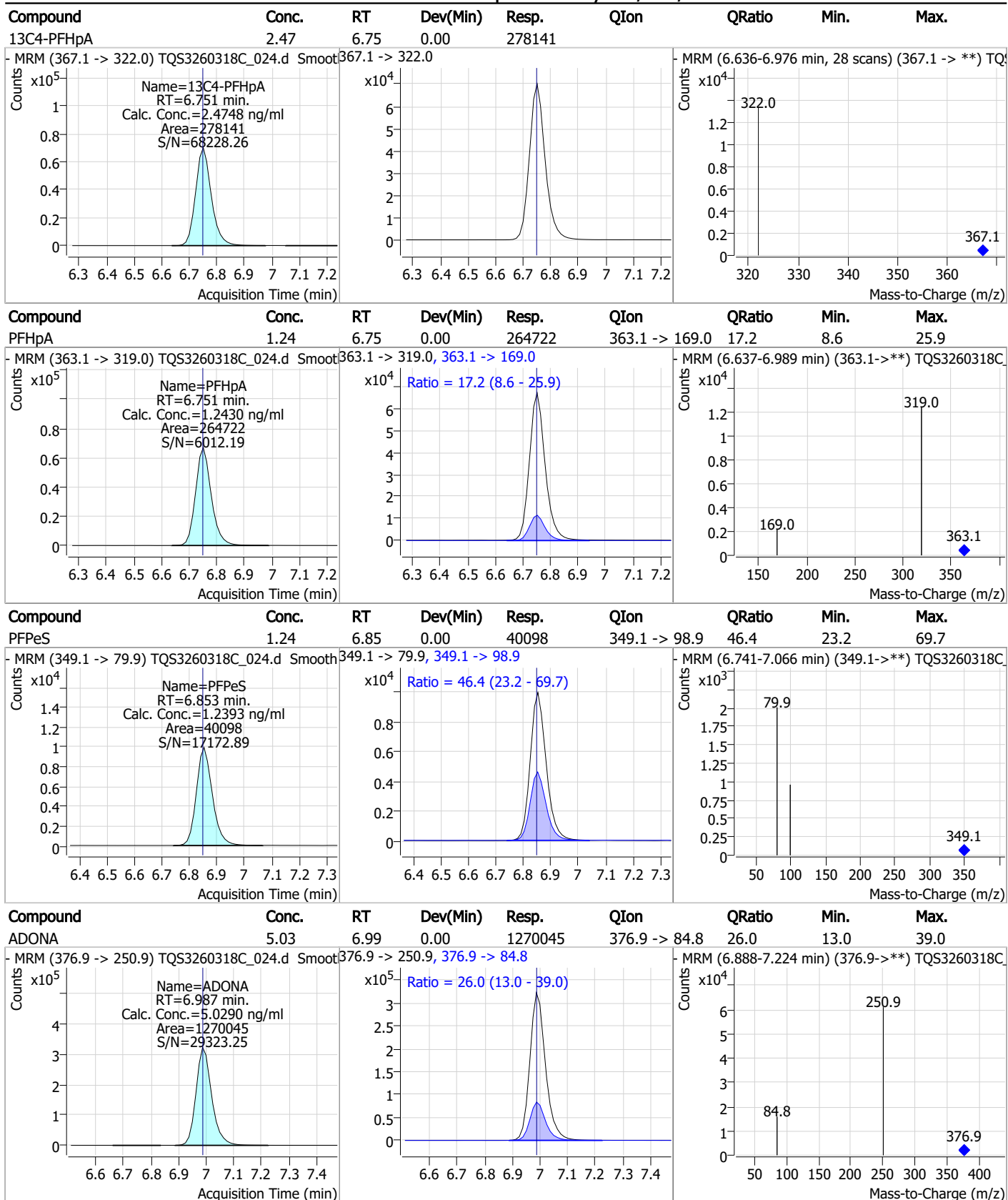
Perfluorinated Compounds by LC/MS/MS



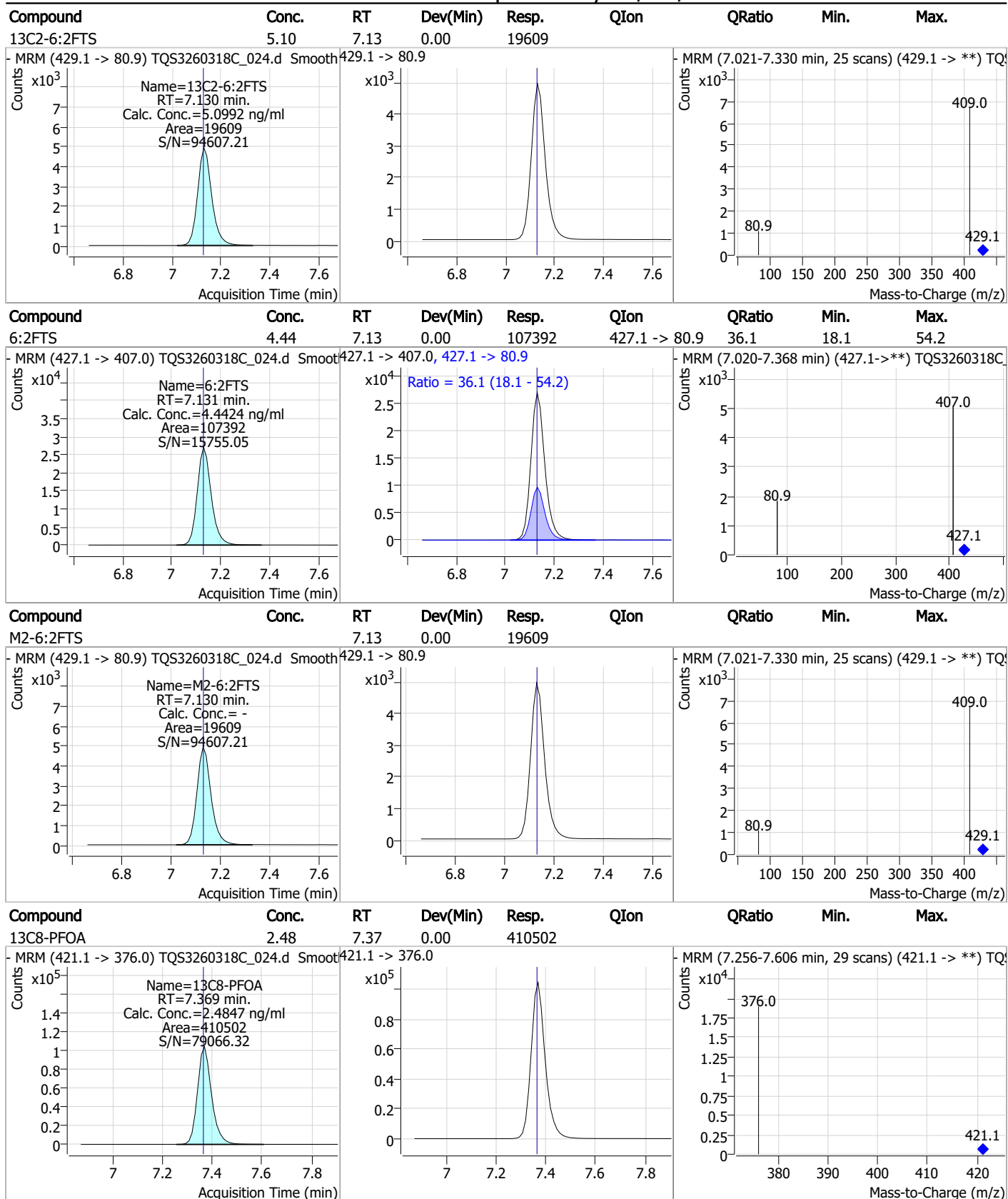
Perfluorinated Compounds by LC/MS/MS



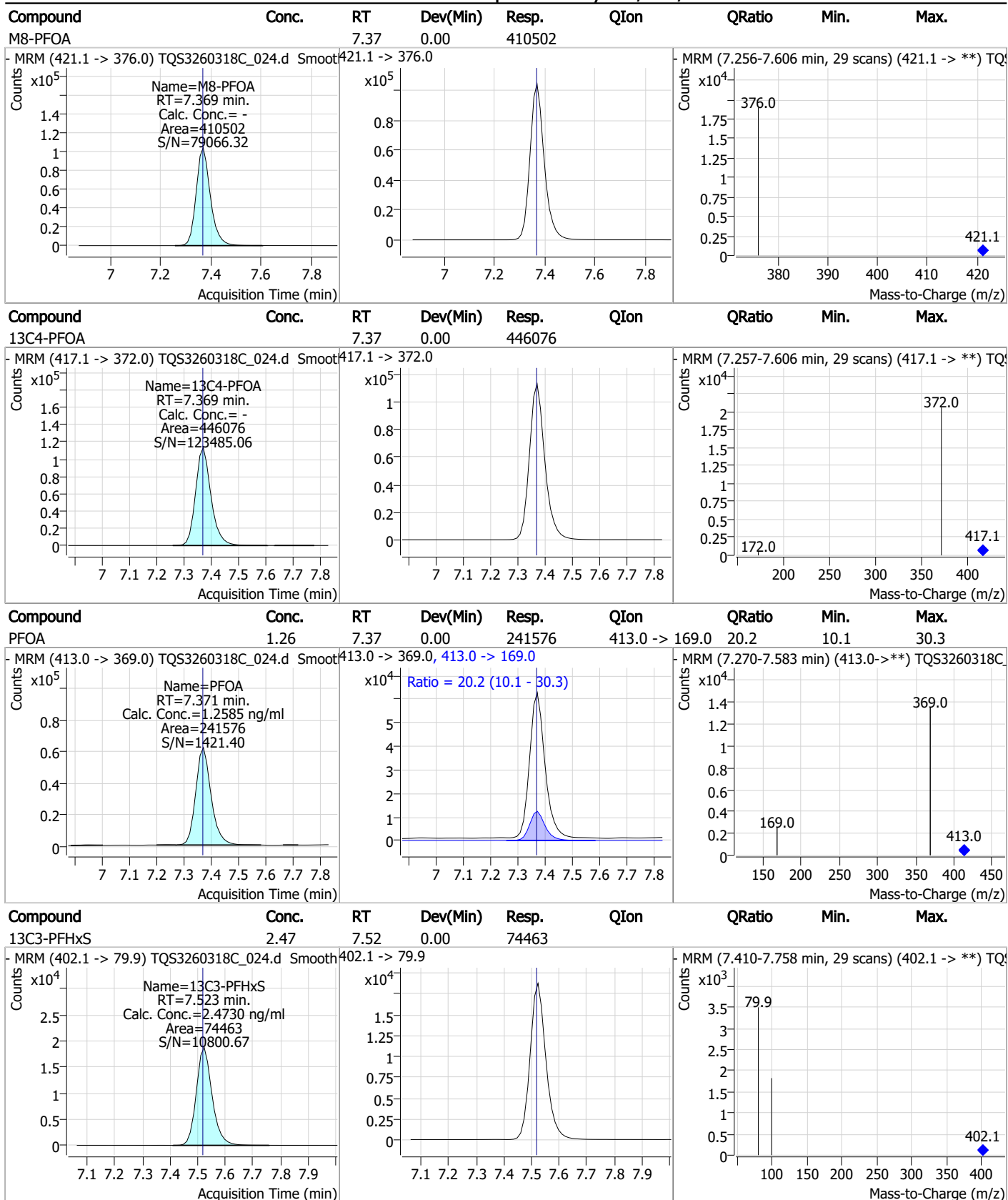
Perfluorinated Compounds by LC/MS/MS



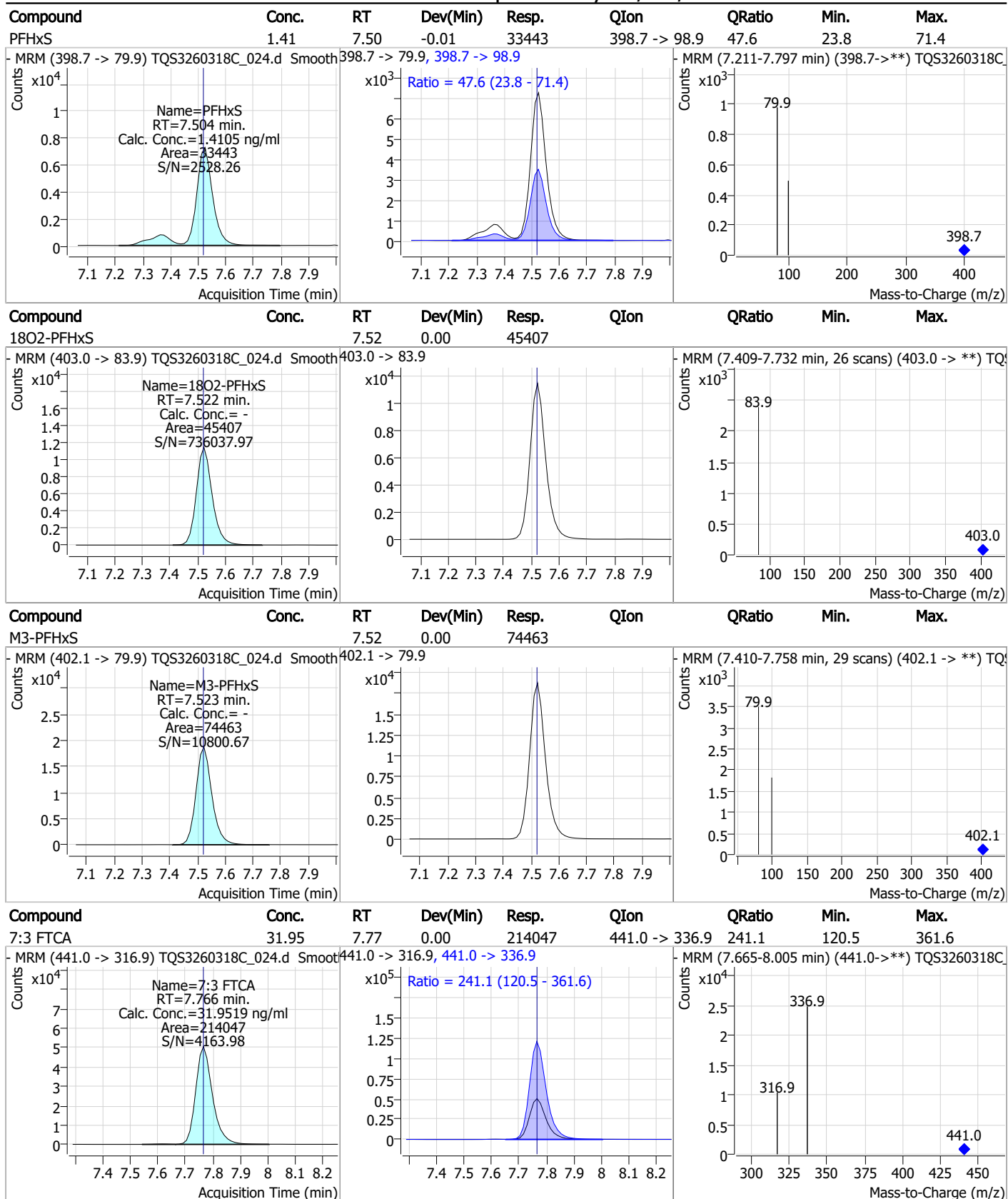
Perfluorinated Compounds by LC/MS/MS



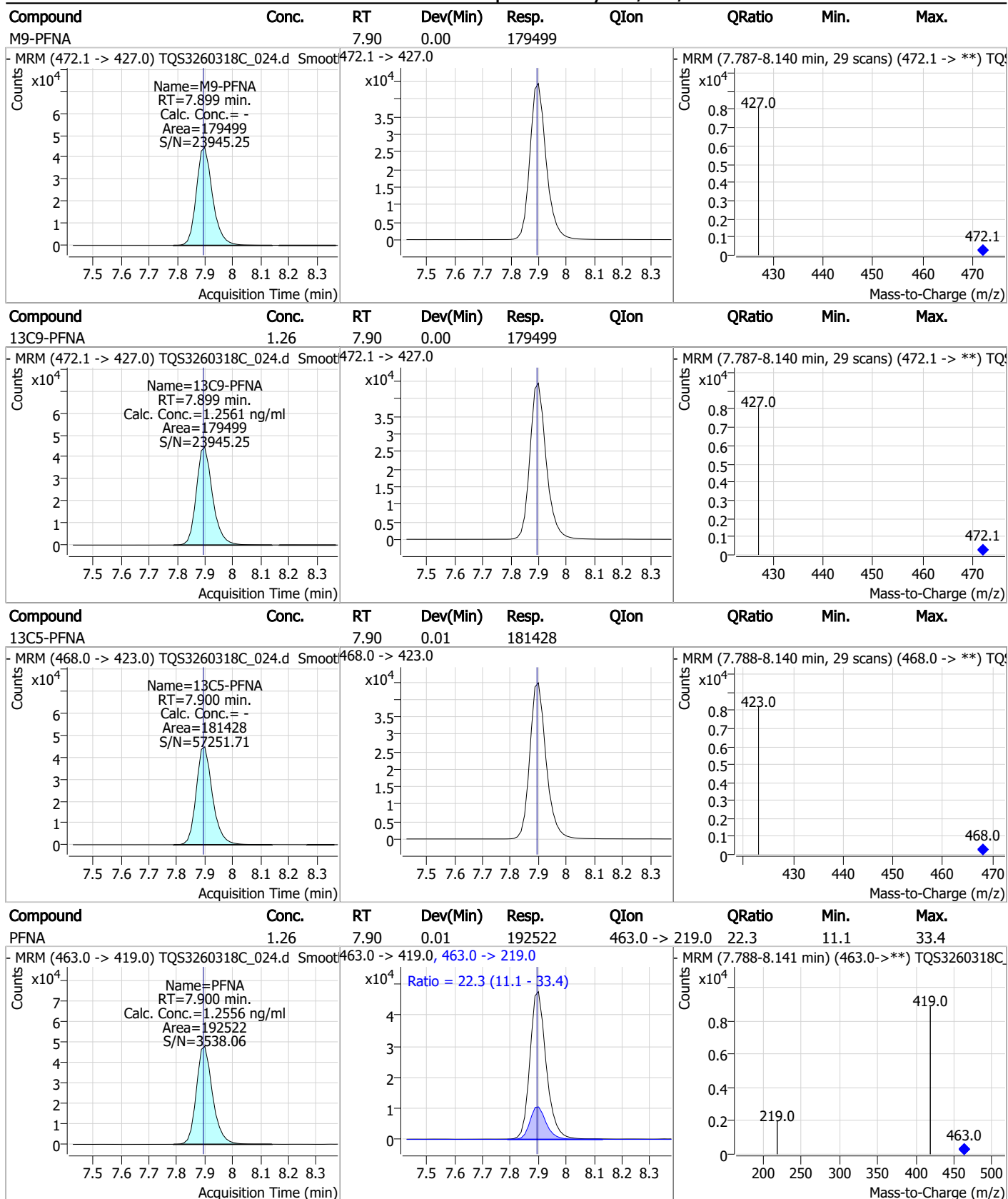
Perfluorinated Compounds by LC/MS/MS



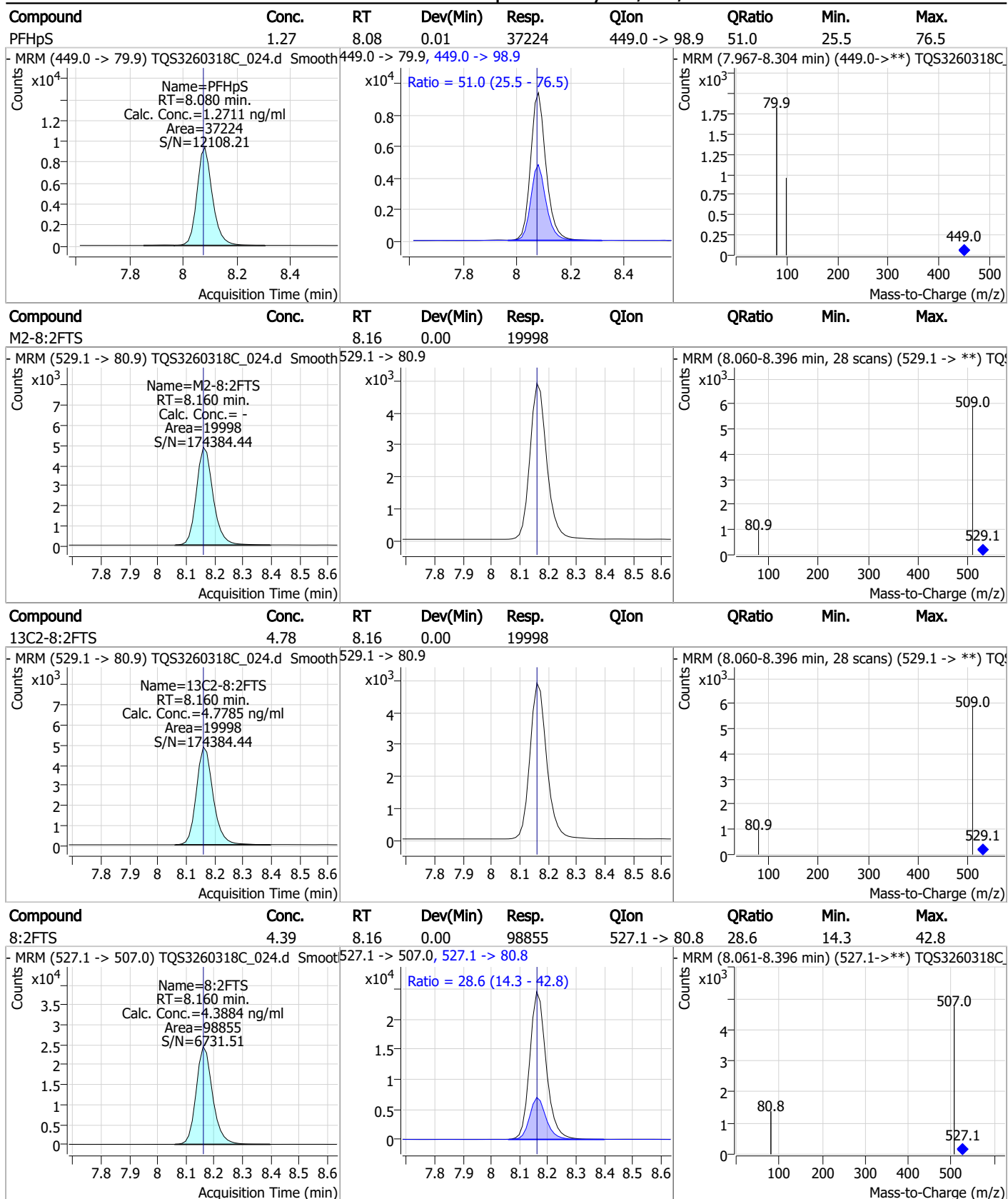
Perfluorinated Compounds by LC/MS/MS



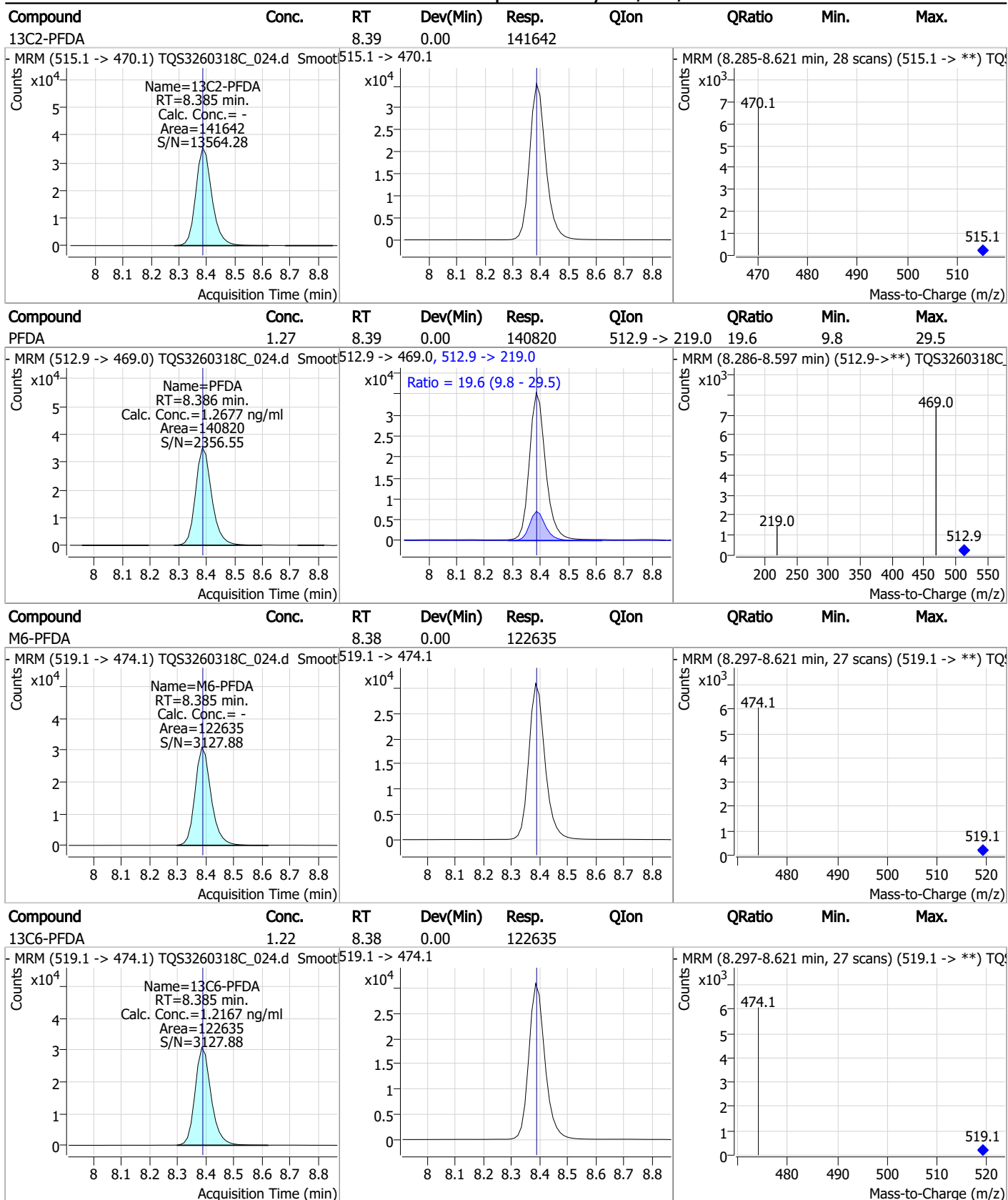
Perfluorinated Compounds by LC/MS/MS



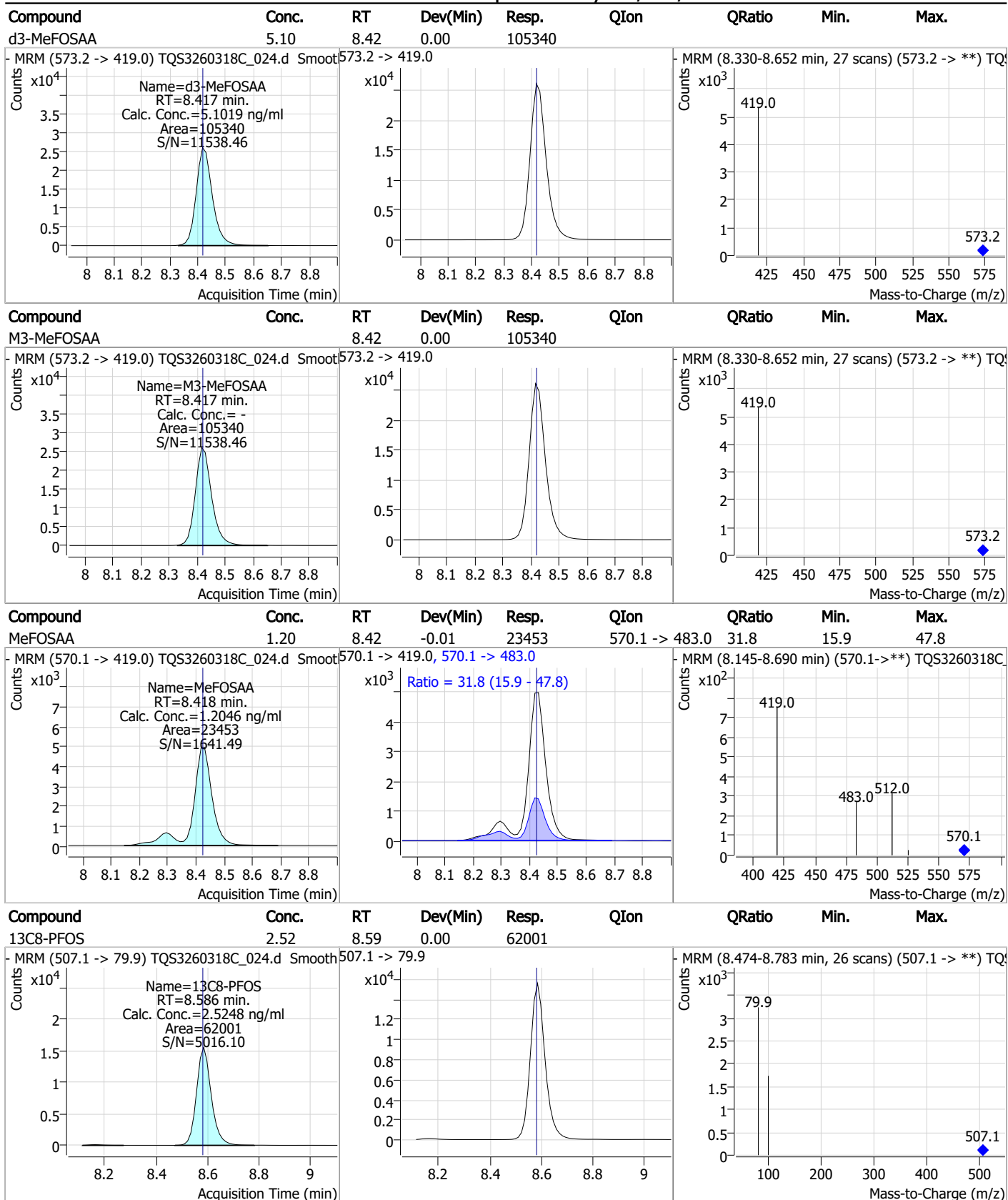
Perfluorinated Compounds by LC/MS/MS



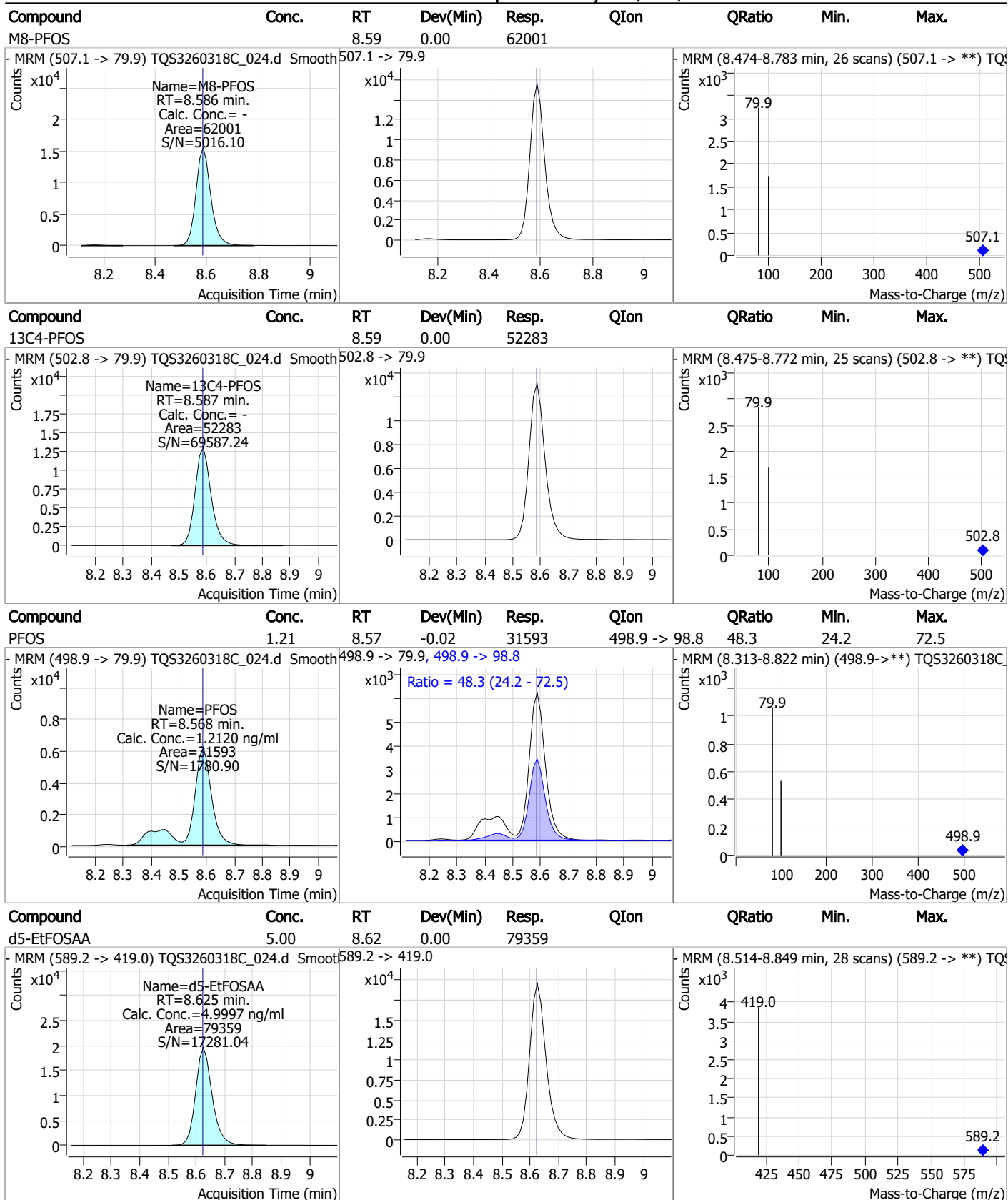
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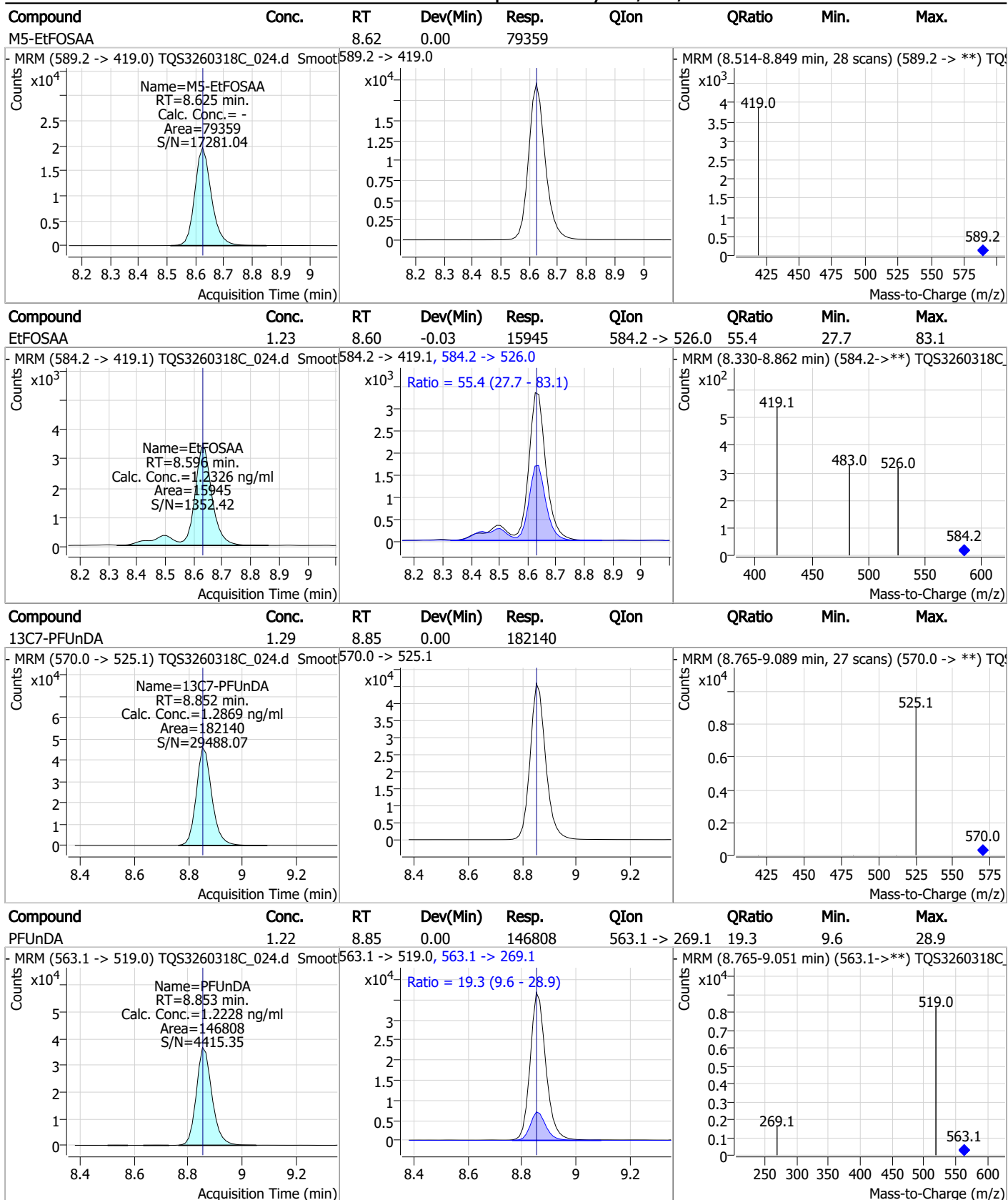
Perfluorinated Compounds by LC/MS/MS



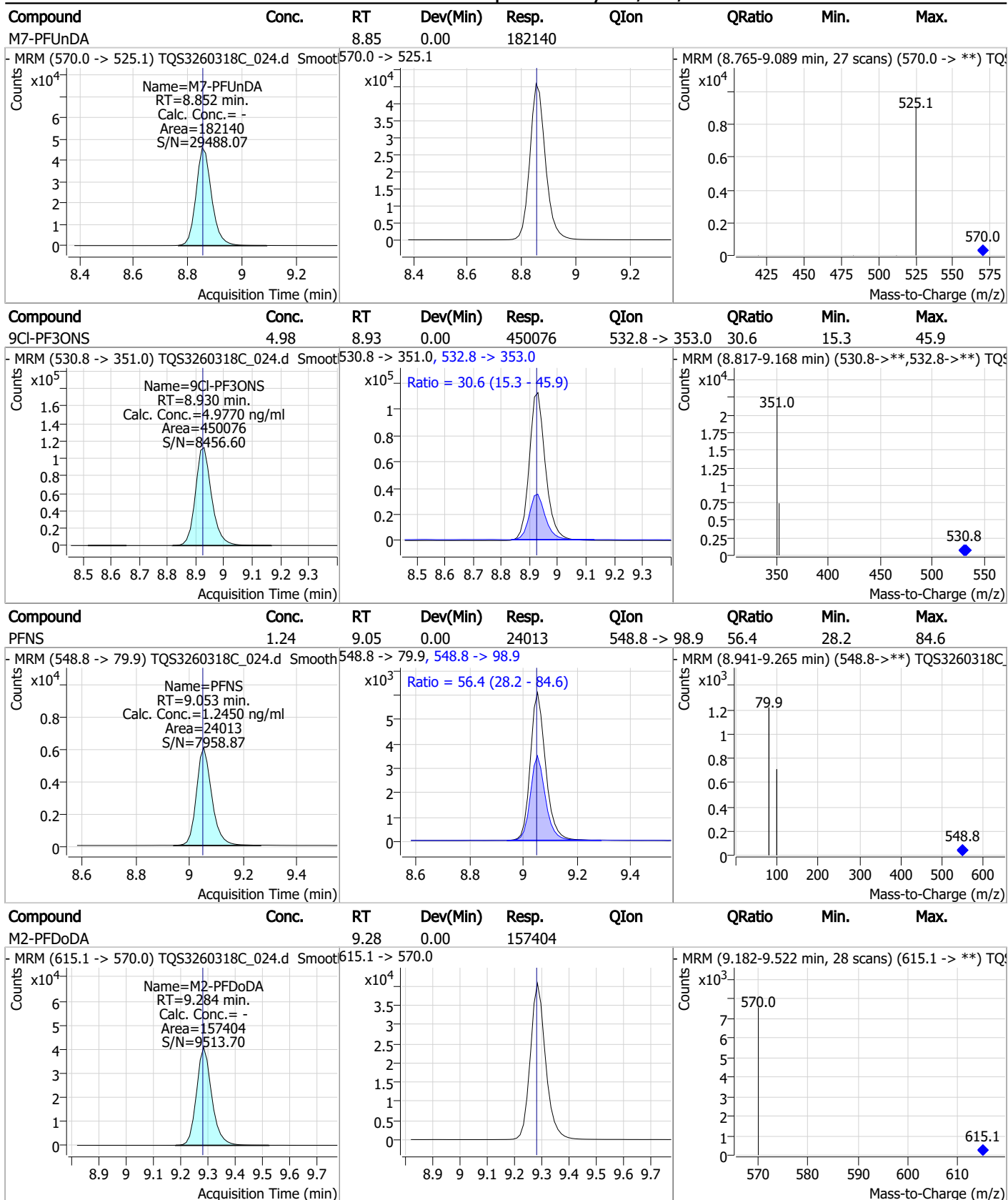
Perfluorinated Compounds by LC/MS/MS



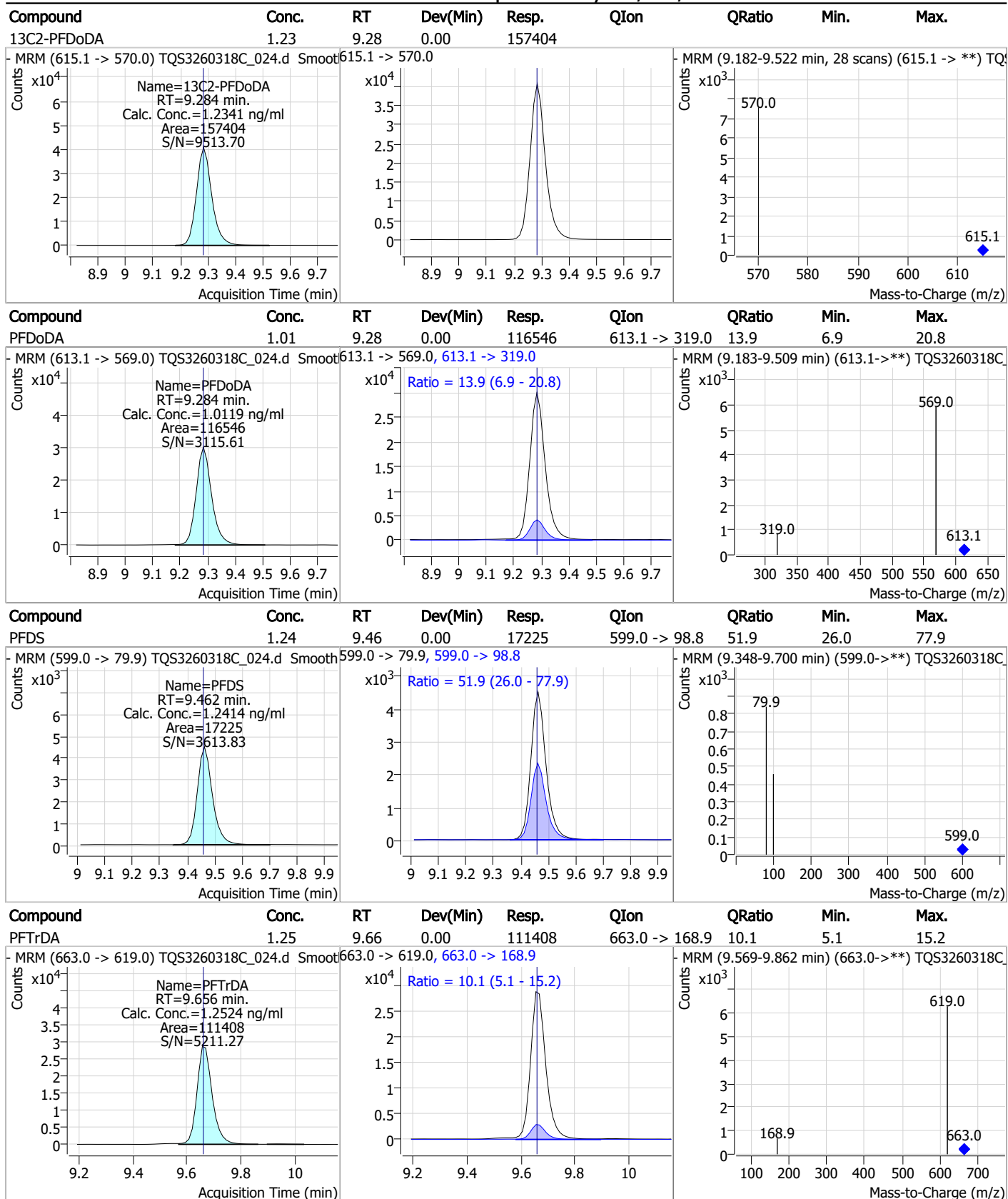
Perfluorinated Compounds by LC/MS/MS



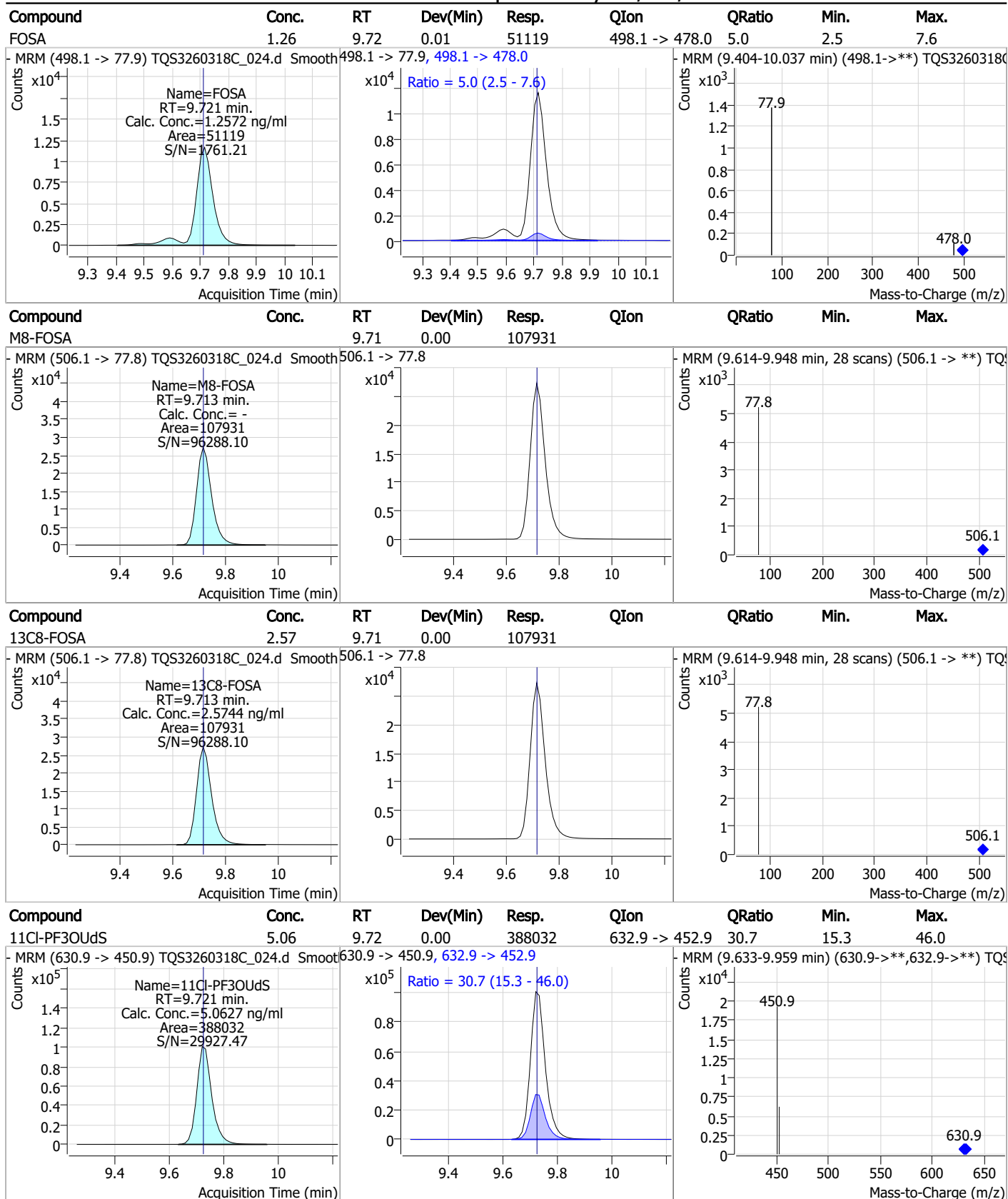
Perfluorinated Compounds by LC/MS/MS



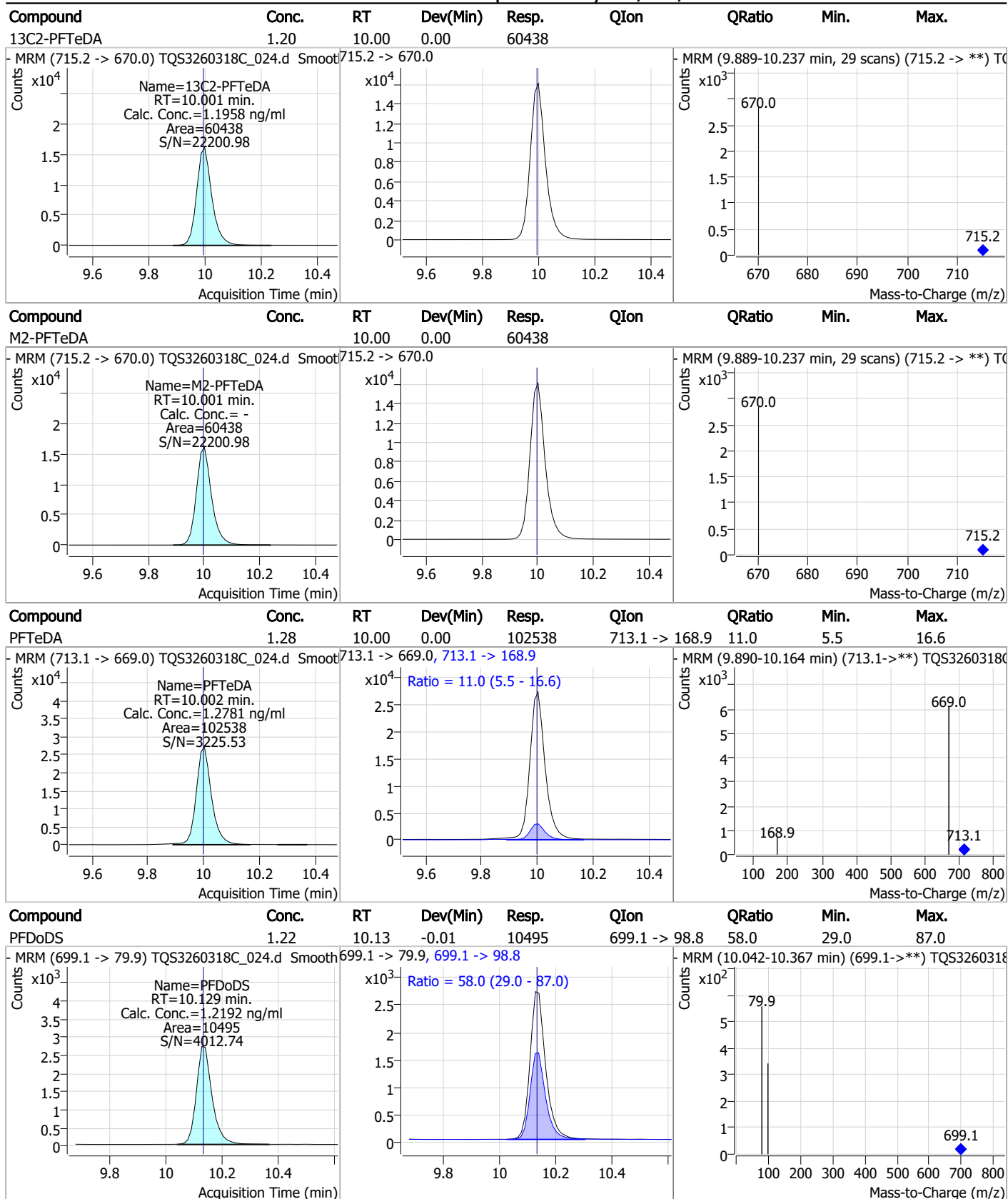
Perfluorinated Compounds by LC/MS/MS



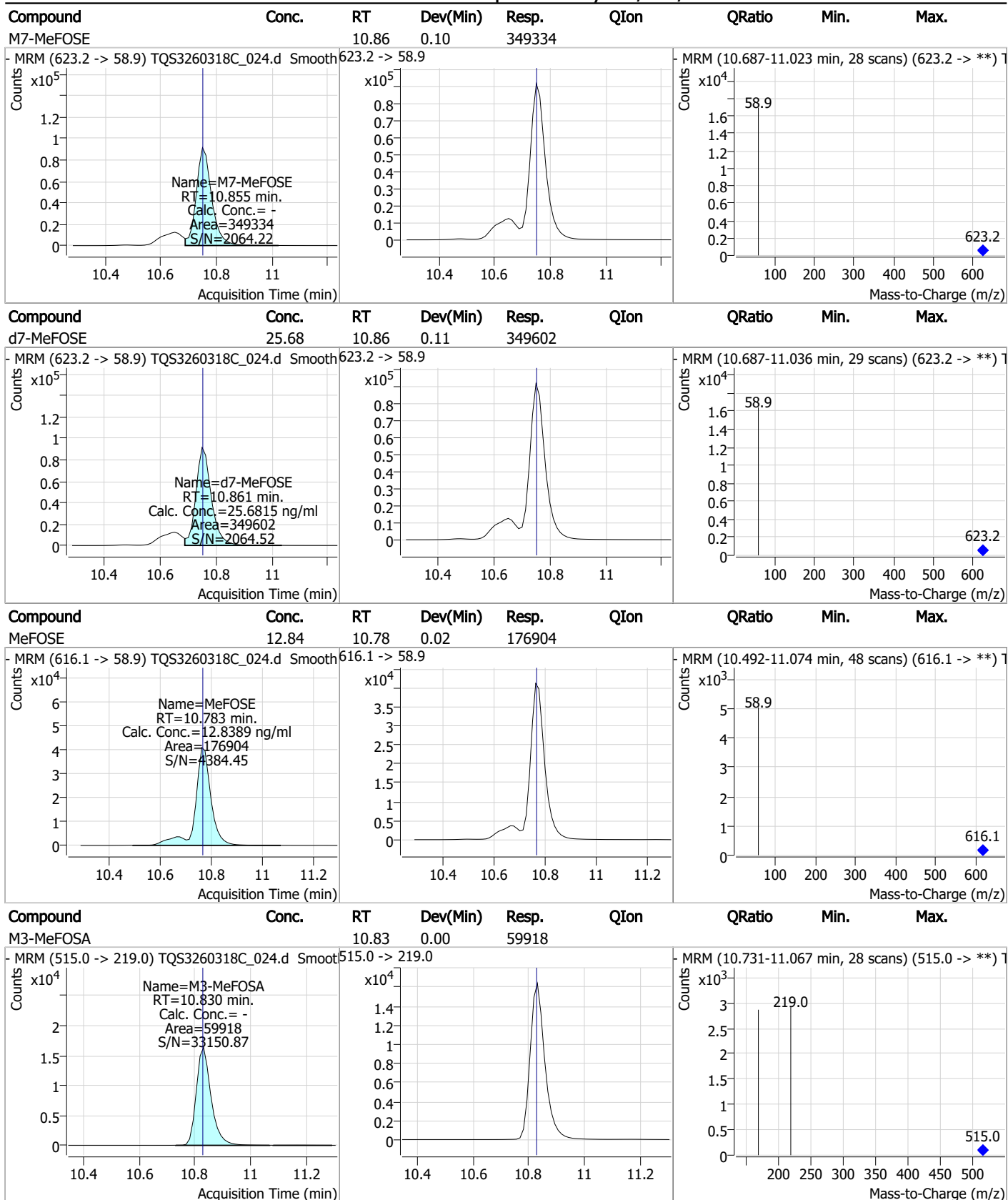
Perfluorinated Compounds by LC/MS/MS



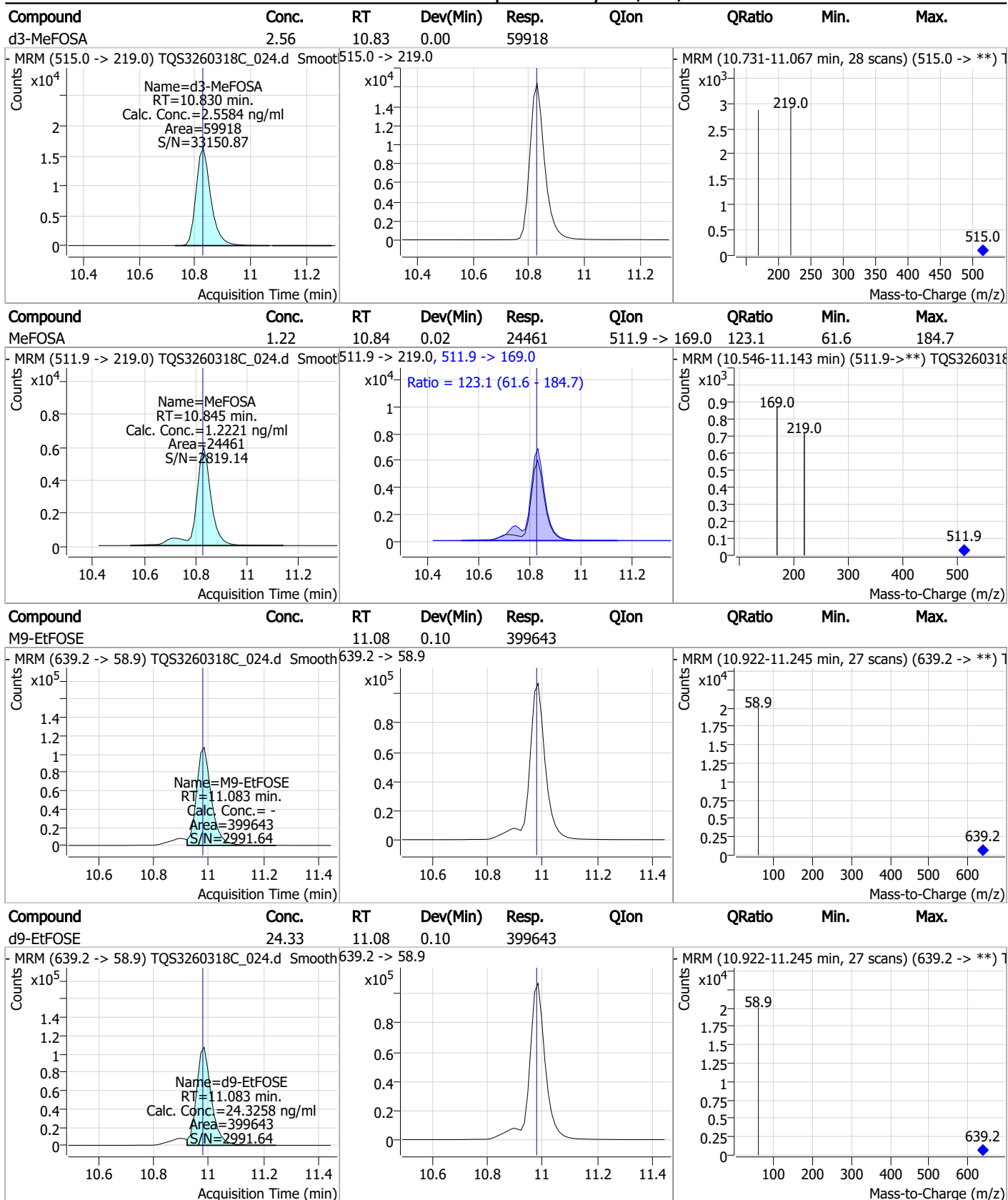
Perfluorinated Compounds by LC/MS/MS



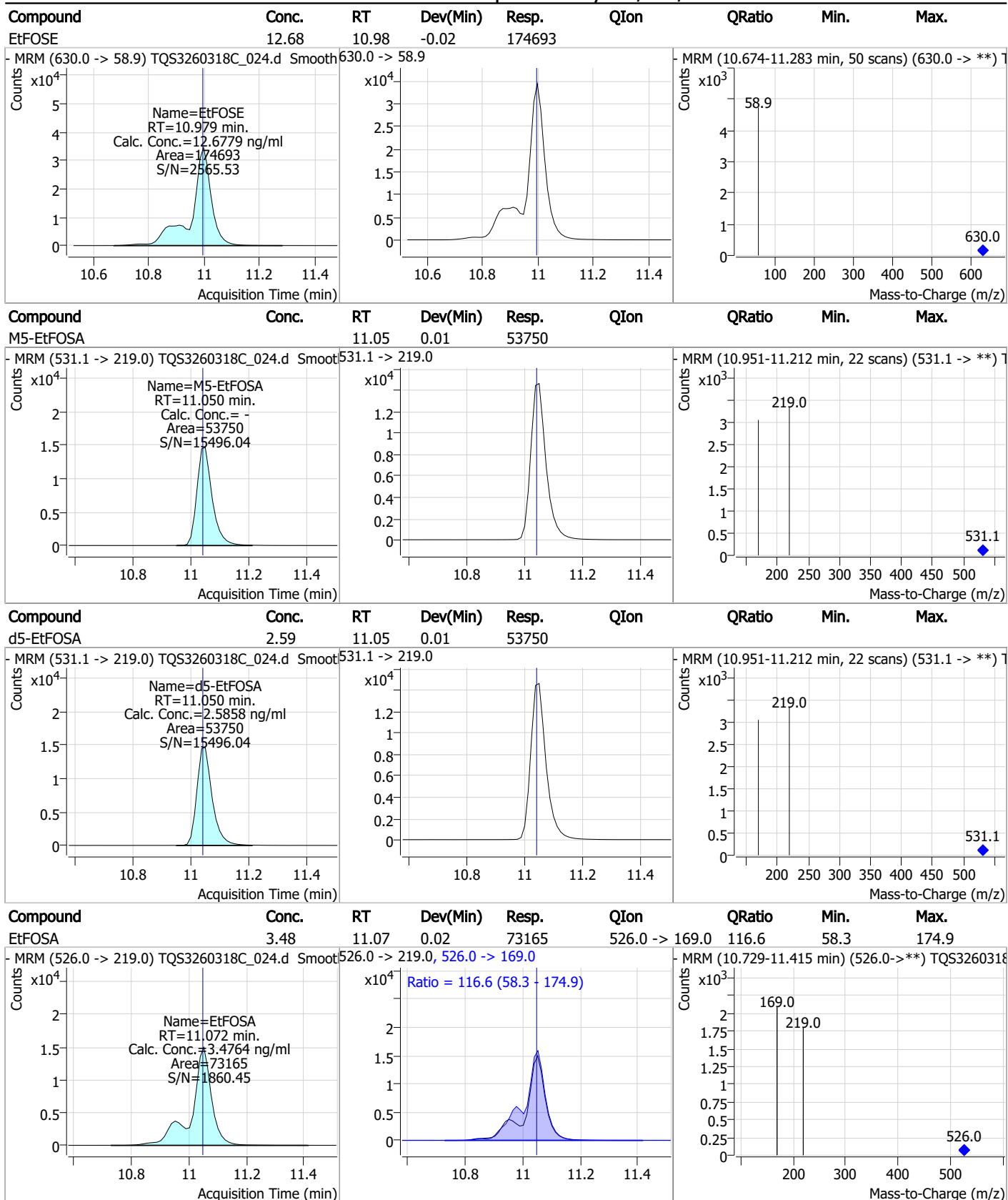
Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Data File : TQS3260318C_025.d
 Operator
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/18/2026 11:42:26 PM
 Sample Name : ICAL6
 Vial : P3-A8
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3913_ICAL_C_1633.batch.bin
 Sample Information : AXYS F 2.50ng/mL (CCV)

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Internal Standards						
13C2-PFDA	8.385	515.1 -> 470.1	136727		1.25 ng/ml	0.000
13C2-PFHxA	5.857	315.1 -> 270.0	273936		2.50 ng/ml	-0.004
13C3-PFBA	3.177	216.0 -> 172.0	422647		5.00 ng/ml	0.004
13C4-PFOA	7.369	417.1 -> 372.0	436711		2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	51057		2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	182649		1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	43772		2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	11835		5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	18332		5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	19614		5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	149776		1.25 ng/ml	0.003
M2-PFTeDA	10.001	715.2 -> 670.0	58932		1.25 ng/ml	0.004
M3-HFPO-DA	6.223	286.9 -> 168.9	347971		10.00 ng/ml	-0.012
M3-MeFOSA	10.830	515.0 -> 219.0	59217		2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	101946		5.00 ng/ml	-0.004
M3-PFBS	5.848	302.1 -> 79.9	97155		2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	72470		2.50 ng/ml	0.002
M4-PFBA	3.173	216.8 -> 171.9	993453		10.00 ng/ml	0.000
M4-PFHpA	6.751	367.1 -> 322.0	273706		2.50 ng/ml	0.002
M5-EtFOSA	11.050	531.1 -> 219.0	53630		2.50 ng/ml	0.009
M5-EtFOSAA	8.625	589.2 -> 419.0	79003		5.00 ng/ml	-0.001
M5-PFHxA	5.856	318.0 -> 273.0	307925		2.50 ng/ml	-0.006
M5-PFPeA	4.637	268.3 -> 223.0	444835		5.00 ng/ml	-0.005
M6-PFDA	8.385	519.1 -> 474.1	122769		1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	353786		25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	169041		1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	107079		2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	406853		2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	60649		2.50 ng/ml	0.002
M9-EtFOSE	11.083	639.2 -> 58.9	438144		25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	173072		1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	11835		4.99 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 99.7%	
13C2-6:2FTS	7.130	429.1 -> 80.9	18332		4.95 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 98.9%	
13C2-8:2FTS	8.160	529.1 -> 80.9	19614		4.86 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 97.2%	
13C2-PFDoDA	9.284	615.1 -> 570.0	149776		1.22 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 97.3%	
13C2-PFTeDA	10.001	715.2 -> 670.0	58932		1.21 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 96.6%	
13C3-HFPO-DA	6.223	286.9 -> 168.9	347971		10.21 ng/ml	-0.012
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 102.1%	
d3-MeFOSA	10.830	515.0 -> 219.0	59217		2.59 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 103.6%	
d3-MeFOSAA	8.417	573.2 -> 419.0	101946	5.06 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 101.1%	
13C3-PFBS	5.848	302.1 -> 79.9	97155	2.51 ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 100.6%	
13C3-PFHxS	7.523	402.1 -> 79.9	72470	2.50 ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 99.9%	
13C4-PFBA	3.172	216.8 -> 171.9	999966	10.02 ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 100.2%	
13C4-PFHpA	6.751	367.1 -> 322.0	273706	2.49 ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 99.7%	
d5-EtFOSA	11.050	531.1 -> 219.0	53630	2.64 ng/ml	0.009
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 105.7%	
d5-EtFOSAA	8.625	589.2 -> 419.0	79003	5.10 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 101.9%	
13C5-PFHxA	5.856	318.0 -> 273.0	307925	2.48 ng/ml	-0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 99.3%	
13C5-PFPeA	4.637	268.3 -> 223.0	444835	4.99 ng/ml	-0.003
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 99.8%	
13C6-PFDA	8.385	519.1 -> 474.1	122769	1.26 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 100.9%	
d7-MeFOSE	10.861	623.2 -> 58.9	353934	26.62 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%			Recovery = 106.5%	
13C7-PFUnDA	8.852	570.0 -> 525.1	169041	1.24 ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 99.0%	
13C8-FOSA	9.713	506.1 -> 77.8	107079	2.62 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 104.6%	
13C8-PFOA	7.369	421.1 -> 376.0	406853	2.52 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 100.6%	
13C8-PFOS	8.586	507.1 -> 79.9	60649	2.53 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 101.2%	
d9-EtFOSE	11.083	639.2 -> 58.9	438144	27.31 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%			Recovery = 109.2%	
13C9-PFNA	7.899	472.1 -> 427.0	173072	1.20 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 96.2%	

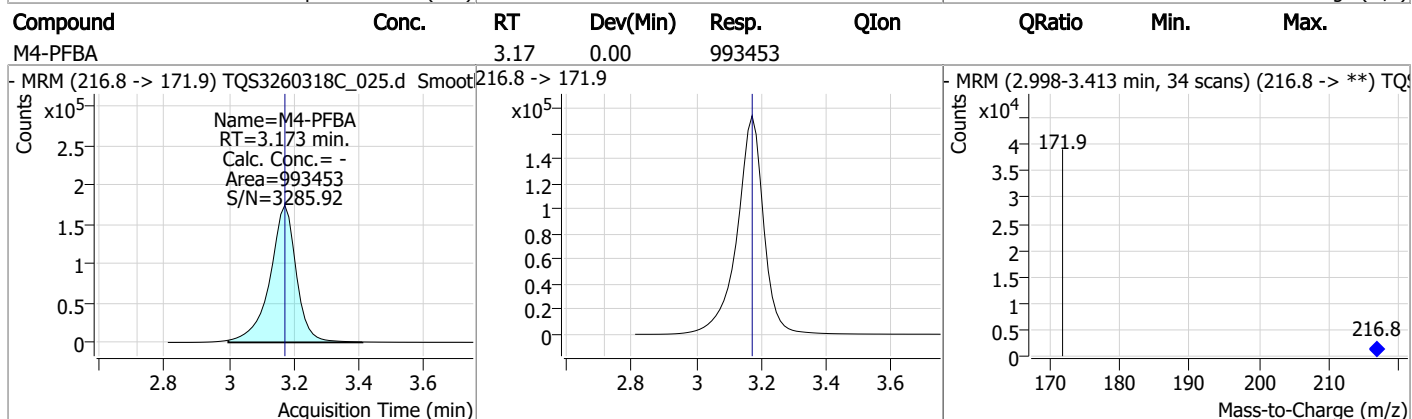
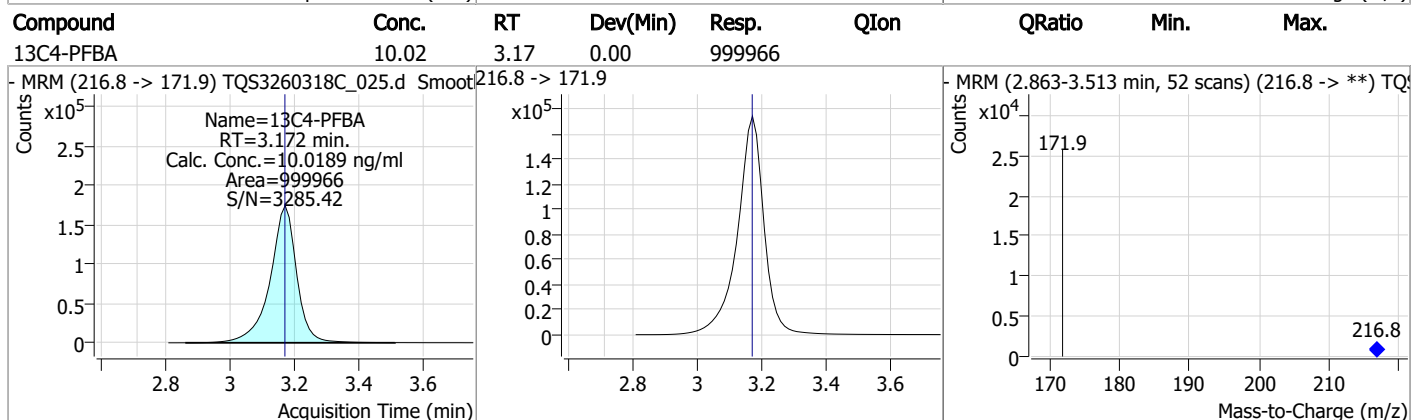
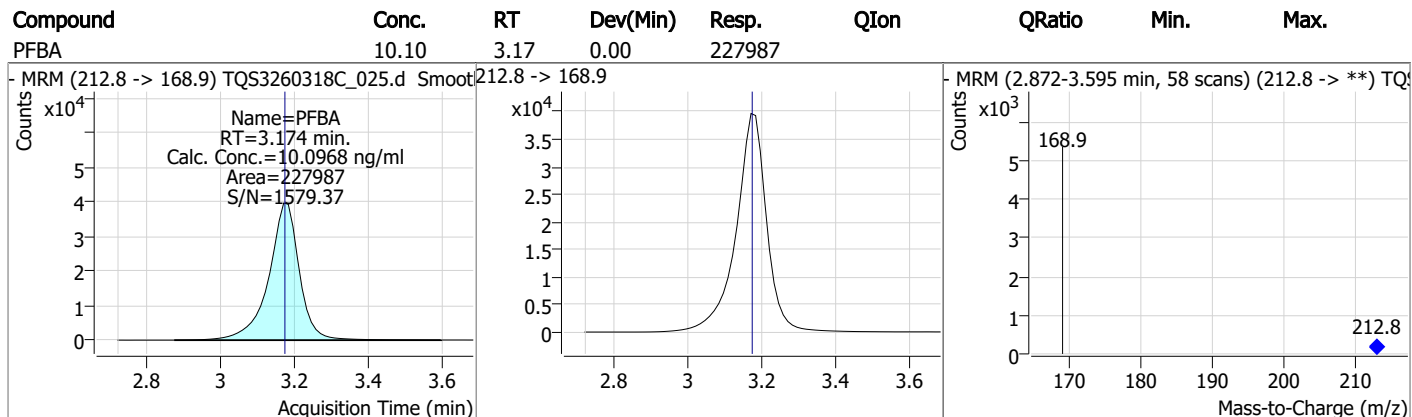
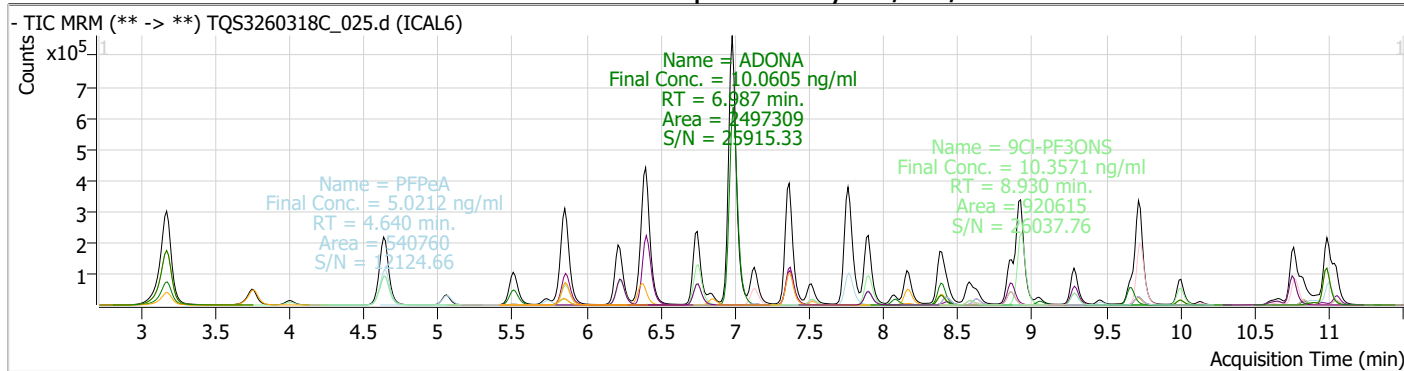
Target Compounds

					QValue
11Cl-PF3OUdS	9.721	630.9 -> 450.9	761183	10.10 ng/ml	98
TDCA	-	498.9 -> 79.9	-	N.D.	
3:3 FTCA	4.009	241.0 -> 177.0	41242	9.63 ng/ml	99
4:2FTS	5.508	327.1 -> 307.0	213540	10.11 ng/ml	100
5:3 FTCA	6.402	341.0 -> 237.1	949967	62.93 ng/ml	99
6:2FTS	7.131	427.1 -> 407.0	213938	9.47 ng/ml	98
7:3 FTCA	7.766	441.0 -> 316.9	432558	65.15 ng/ml	98
8:2FTS	8.160	527.1 -> 507.0	203649	9.22 ng/ml	95
9Cl-PF3ONS	8.930	530.8 -> 351.0	920615	10.36 ng/ml	99
ADONA	6.987	376.9 -> 250.9	2497309	10.06 ng/ml	100
EtFOSA	11.072	526.0 -> 219.0	147483	7.02 ng/ml	99
EtFOSAA	8.596	584.2 -> 419.1	32288	2.51 ng/ml	99
EtFOSE	10.979	630.0 -> 58.9	372286	24.64 ng/ml	100
FOSA	9.721	498.1 -> 77.9	101395	2.51 ng/ml	99
HFPO-DA	6.224	284.9 -> 168.9	328562	10.34 ng/ml	98
MeFOSA	10.845	511.9 -> 219.0	50774	2.57 ng/ml	97
MeFOSAA	8.418	570.1 -> 419.0	47798	2.54 ng/ml	98
MeFOSE	10.783	616.1 -> 58.9	358186	25.67 ng/ml	100
NFDHA	5.740	295.0 -> 201.0	60694	5.12 ng/ml	99
PFBA	3.174	212.8 -> 168.9	227987	10.10 ng/ml	100

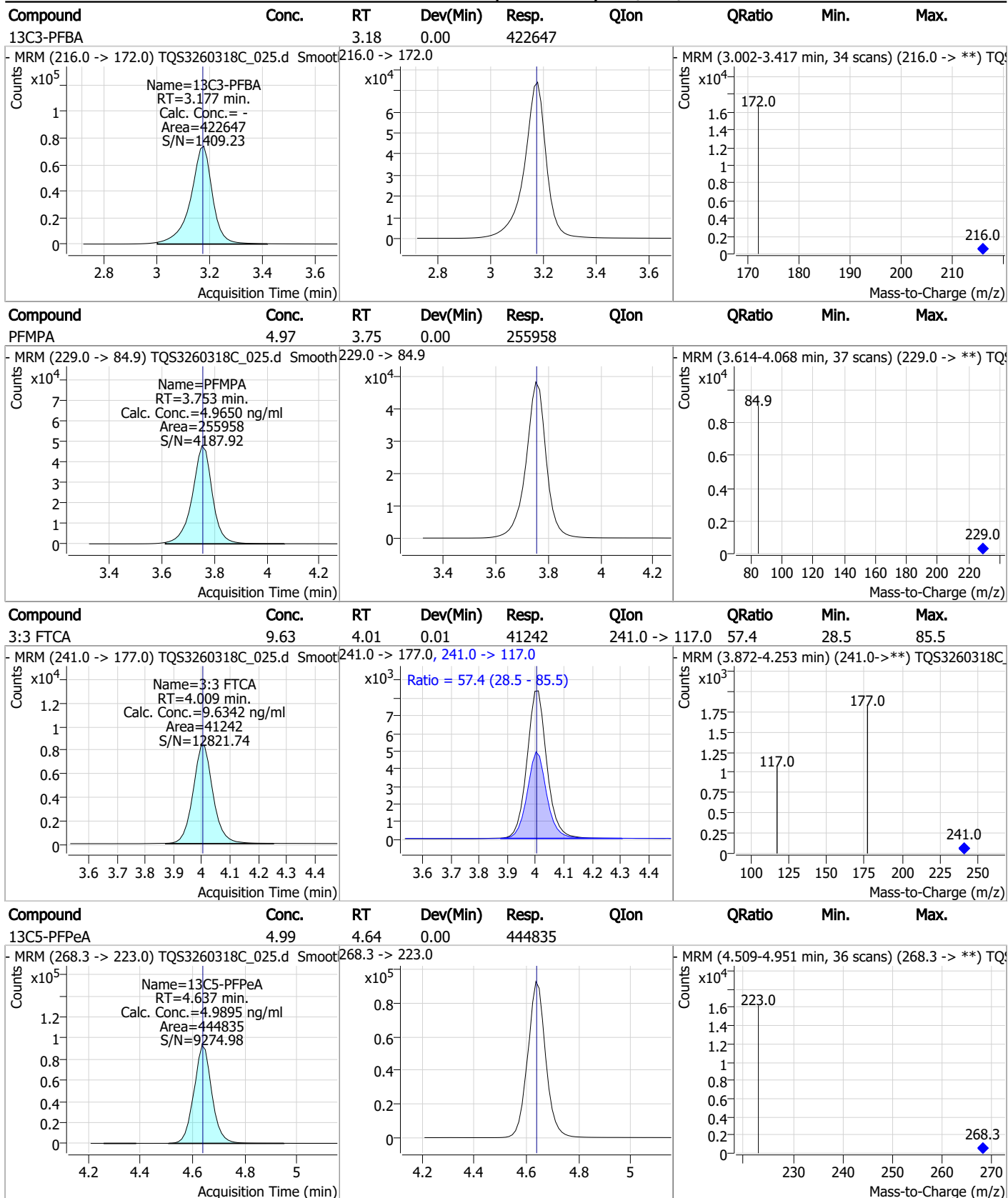
Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	89093	2.52 ng/ml	100
PFDA	8.386	512.9 -> 469.0	280473	2.52 ng/ml	99
PFDoDA	9.284	613.1 -> 569.0	230349	2.10 ng/ml	99
PFDoDS	10.129	699.1 -> 79.9	21096	2.51 ng/ml	100
PFDS	9.462	599.0 -> 79.9	34278	2.53 ng/ml	100
PFEESA	6.368	314.8 -> 134.9	302107	2.52 ng/ml	99
PFHpA	6.751	363.1 -> 319.0	523658	2.50 ng/ml	100
PFHpS	8.080	449.0 -> 79.9	72920	2.55 ng/ml	99
PFHxA	5.859	313.0 -> 269.0	431625	2.47 ng/ml	100
PFHxS	7.504	398.7 -> 79.9	67229	2.91 ng/ml	99
PFMBA	5.065	279.0 -> 85.1	140457	2.48 ng/ml	100
PFMPA	3.753	229.0 -> 84.9	255958	4.97 ng/ml	100
PFNA	7.900	463.0 -> 419.0	379509	2.57 ng/ml	100
PFNS	9.053	548.8 -> 79.9	47236	2.50 ng/ml	99
PFOA	7.371	413.0 -> 369.0	475183	2.50 ng/ml	99
PFOS	8.568	498.9 -> 79.9	65222	2.56 ng/ml	97
PFPeA	4.640	263.0 -> 219.0	540760	5.02 ng/ml	100
PFPeS	6.853	349.1 -> 79.9	79510	2.52 ng/ml	97
PFTeDA	10.002	713.1 -> 669.0	205891	2.63 ng/ml	100
PFTrDA	9.656	663.0 -> 619.0	219254	2.59 ng/ml	99
PFUnDA	8.853	563.1 -> 519.0	285541	2.56 ng/ml	98

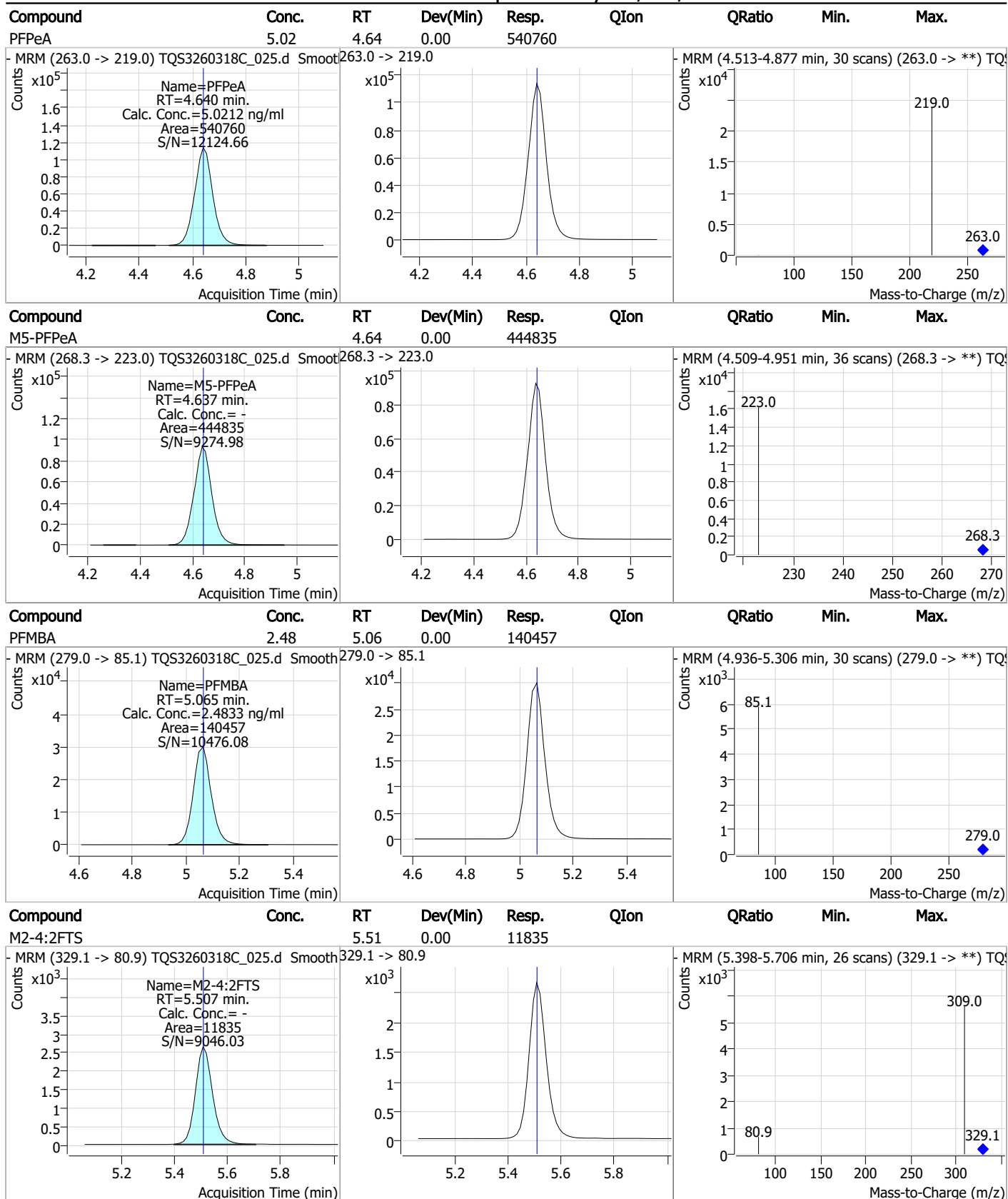
= Qualifier out of range, m = manually integrated, + = Area summed



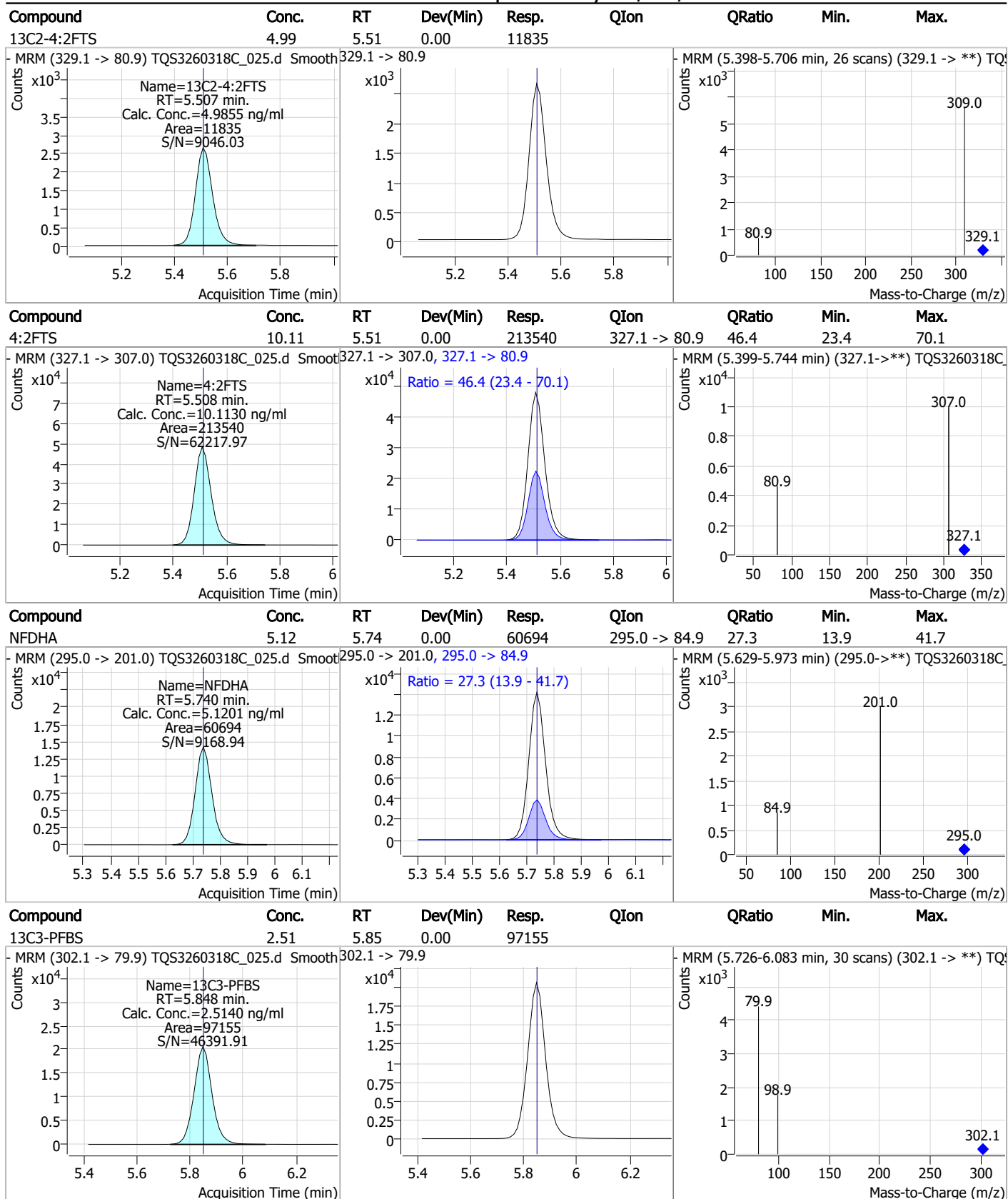
Perfluorinated Compounds by LC/MS/MS



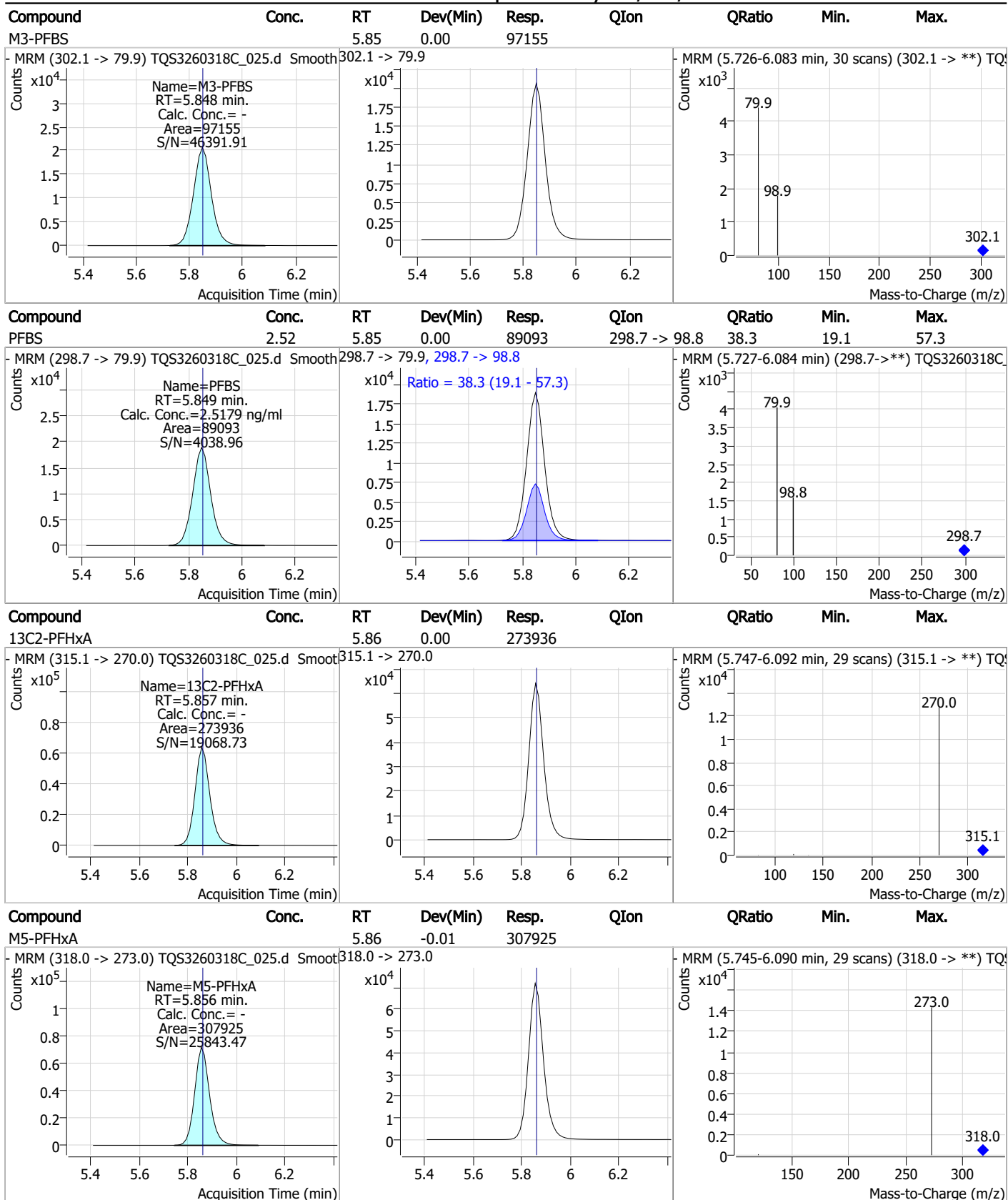
Perfluorinated Compounds by LC/MS/MS



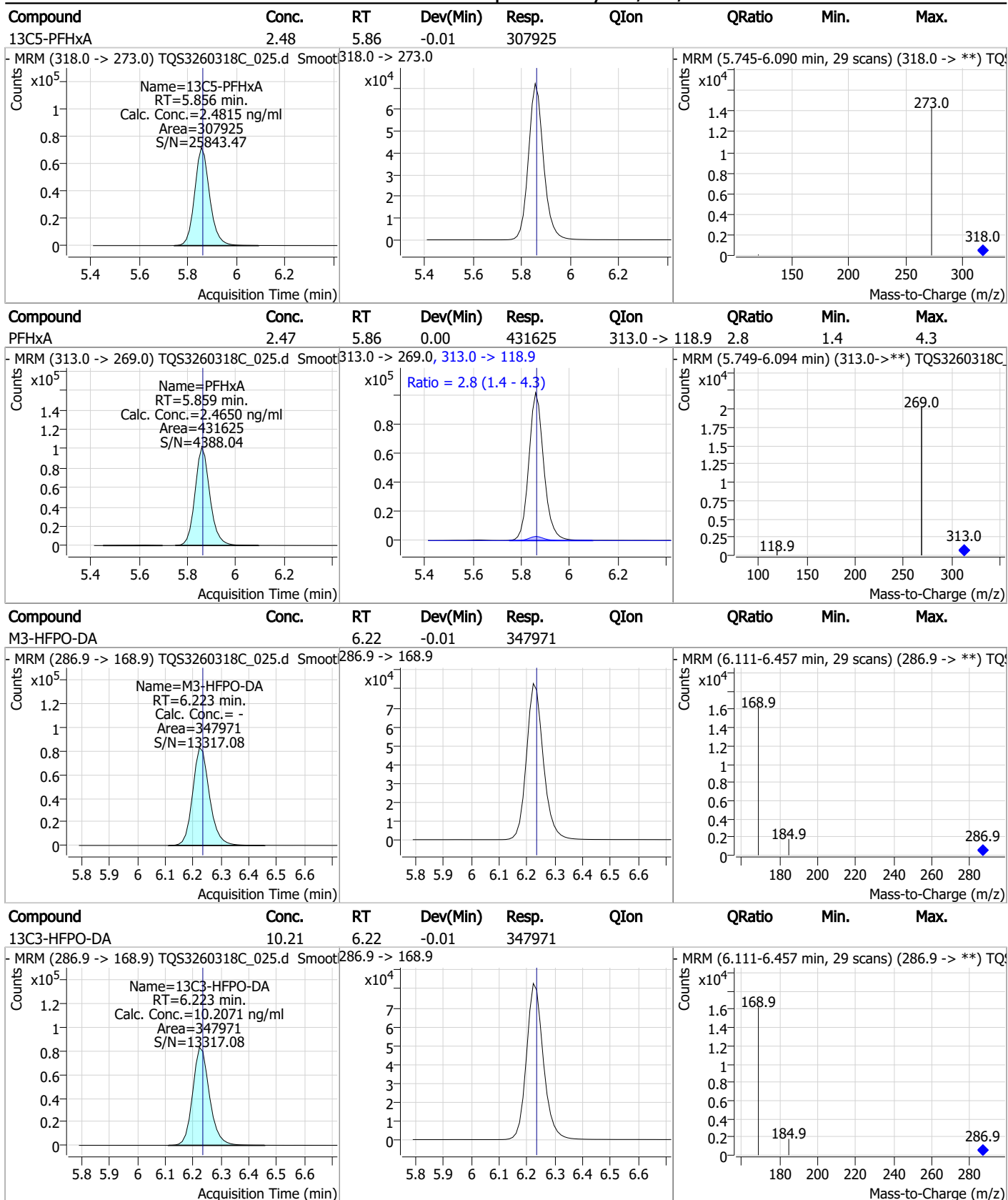
Perfluorinated Compounds by LC/MS/MS



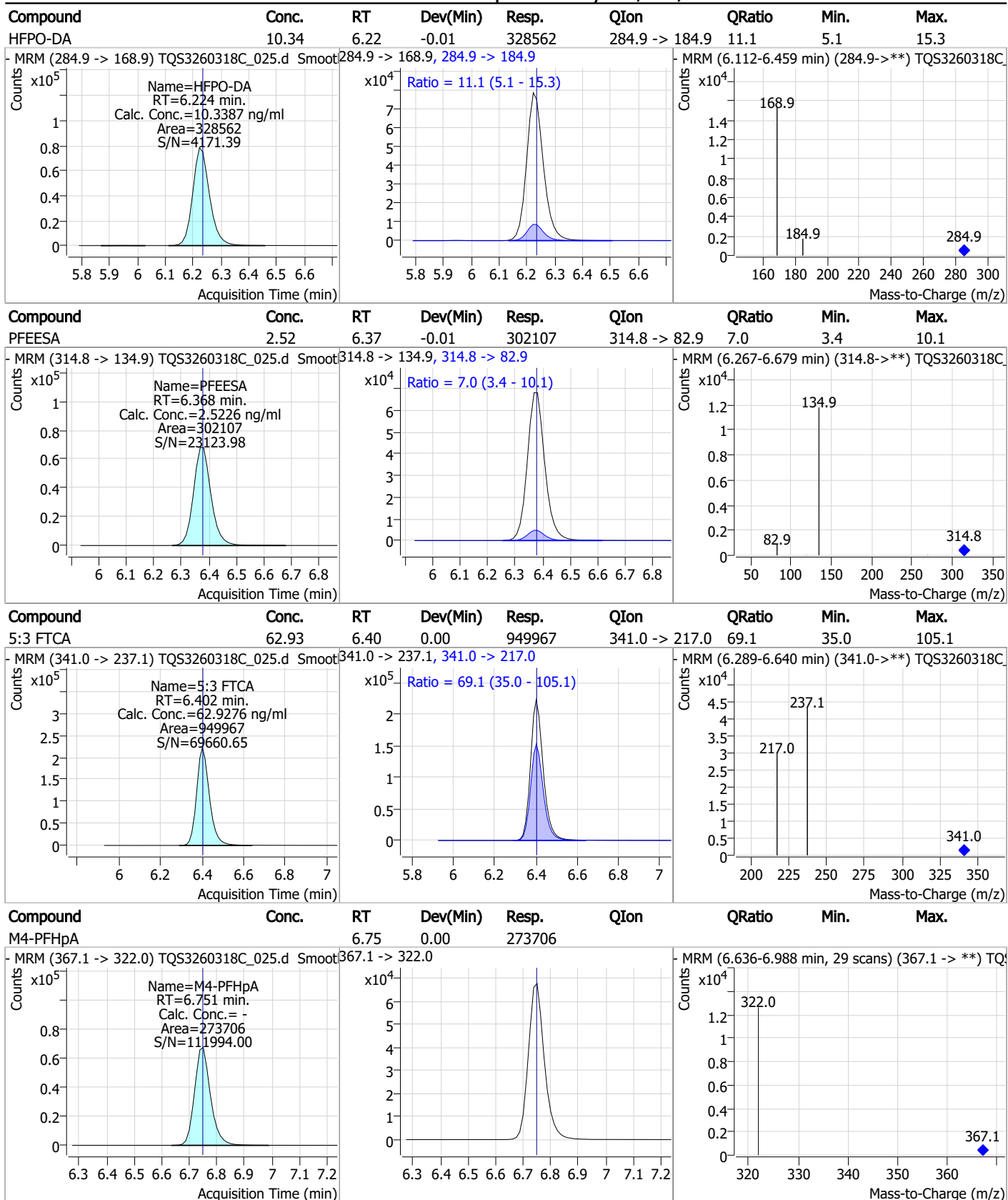
Perfluorinated Compounds by LC/MS/MS



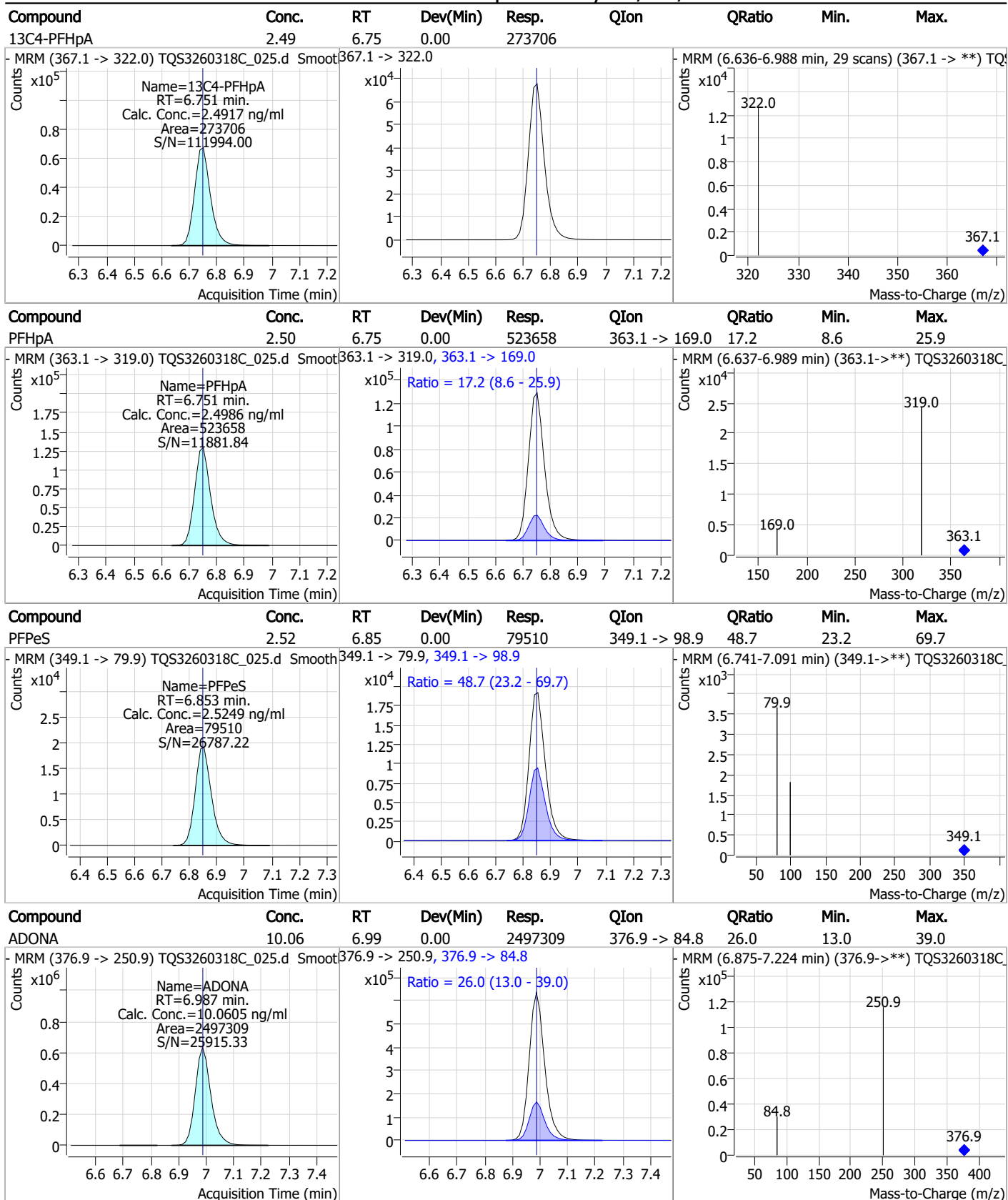
Perfluorinated Compounds by LC/MS/MS



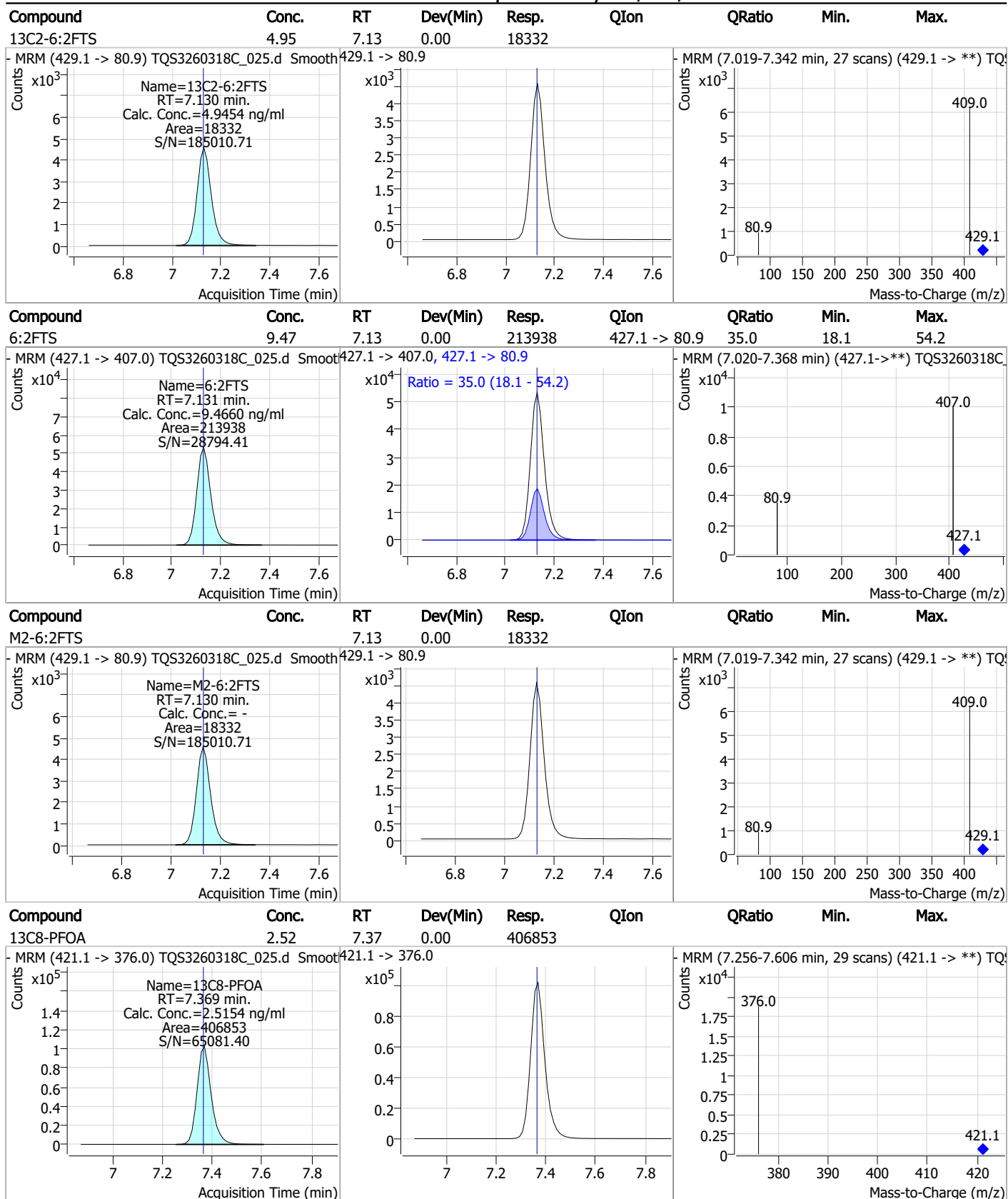
Perfluorinated Compounds by LC/MS/MS



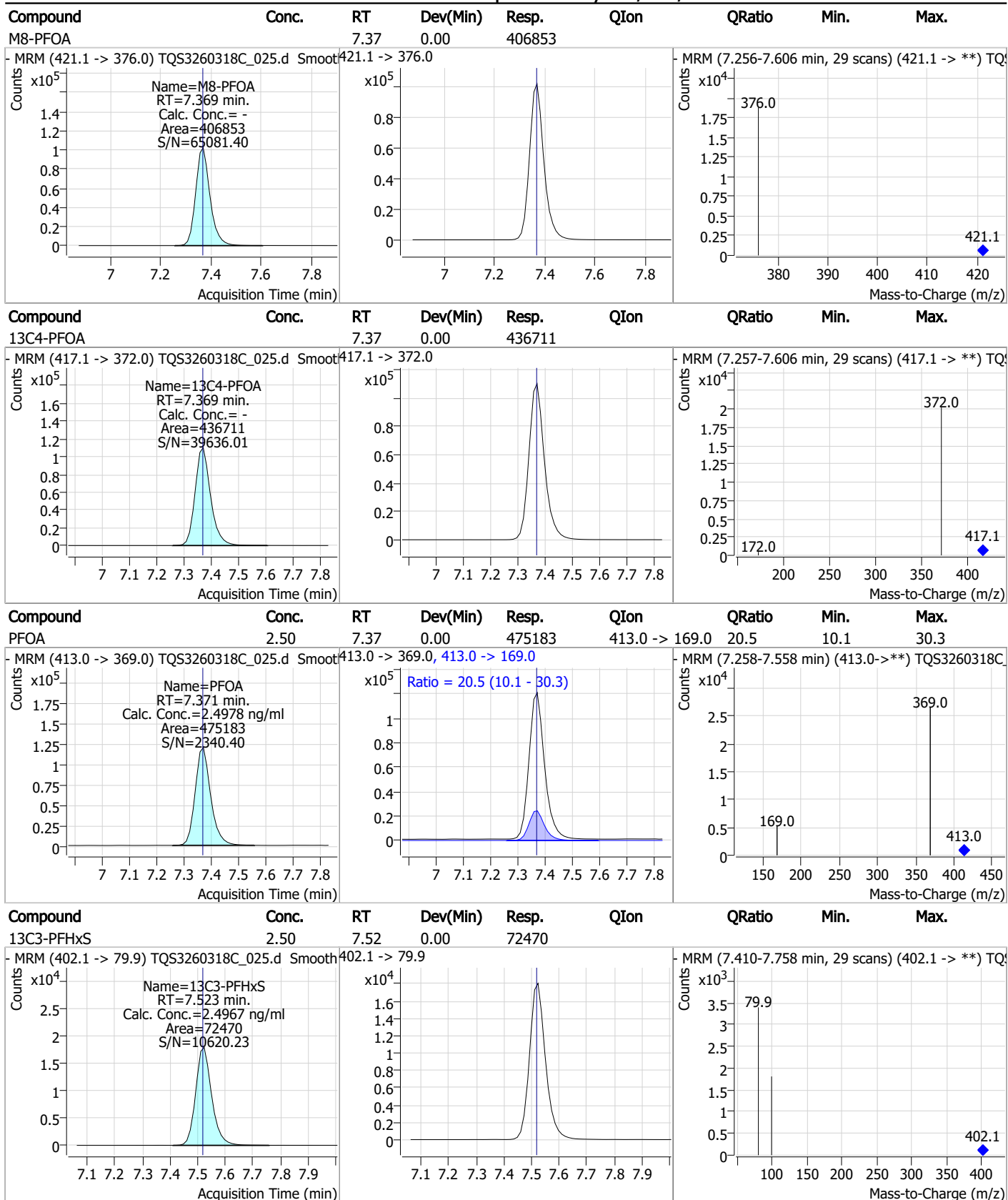
Perfluorinated Compounds by LC/MS/MS



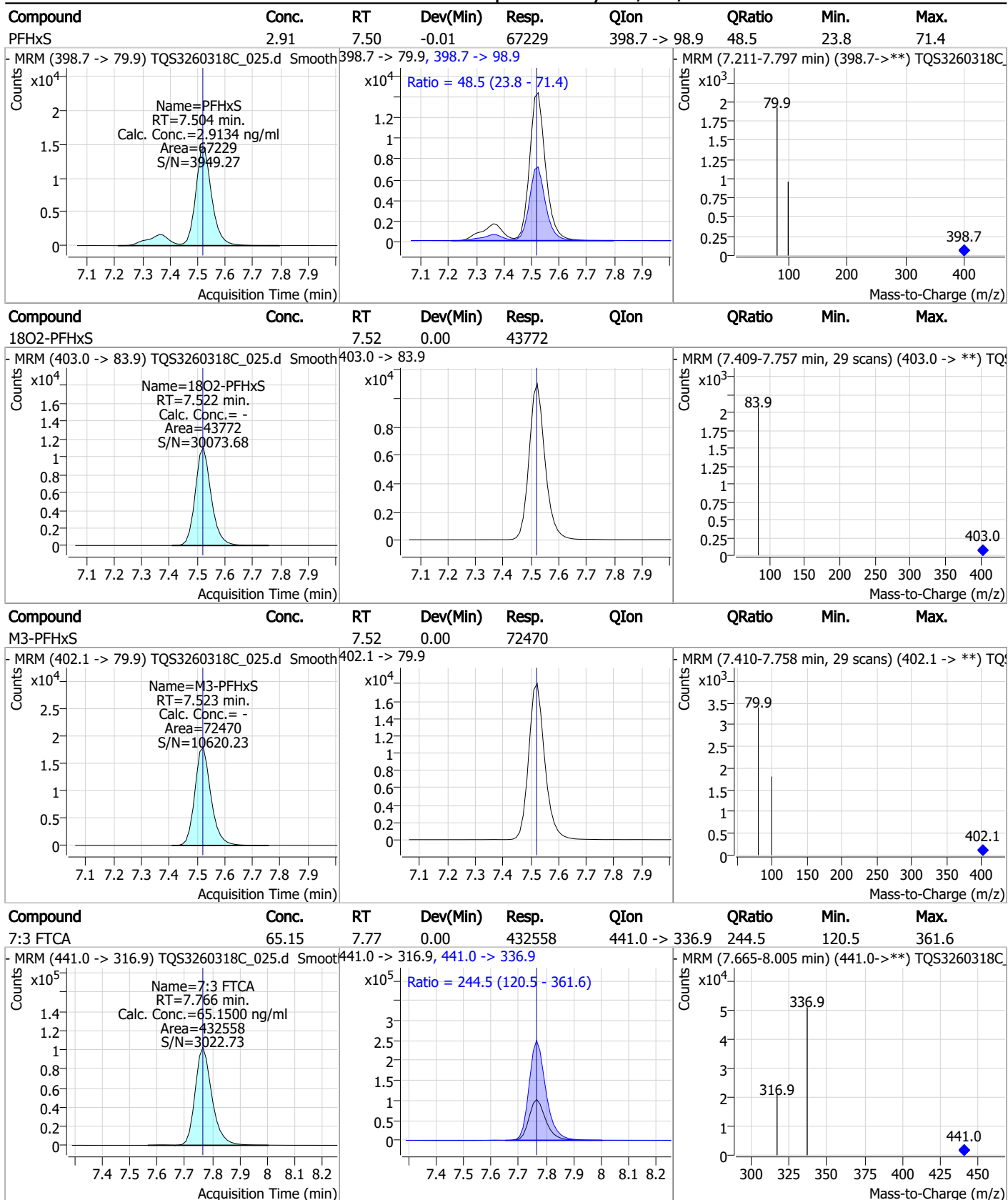
Perfluorinated Compounds by LC/MS/MS



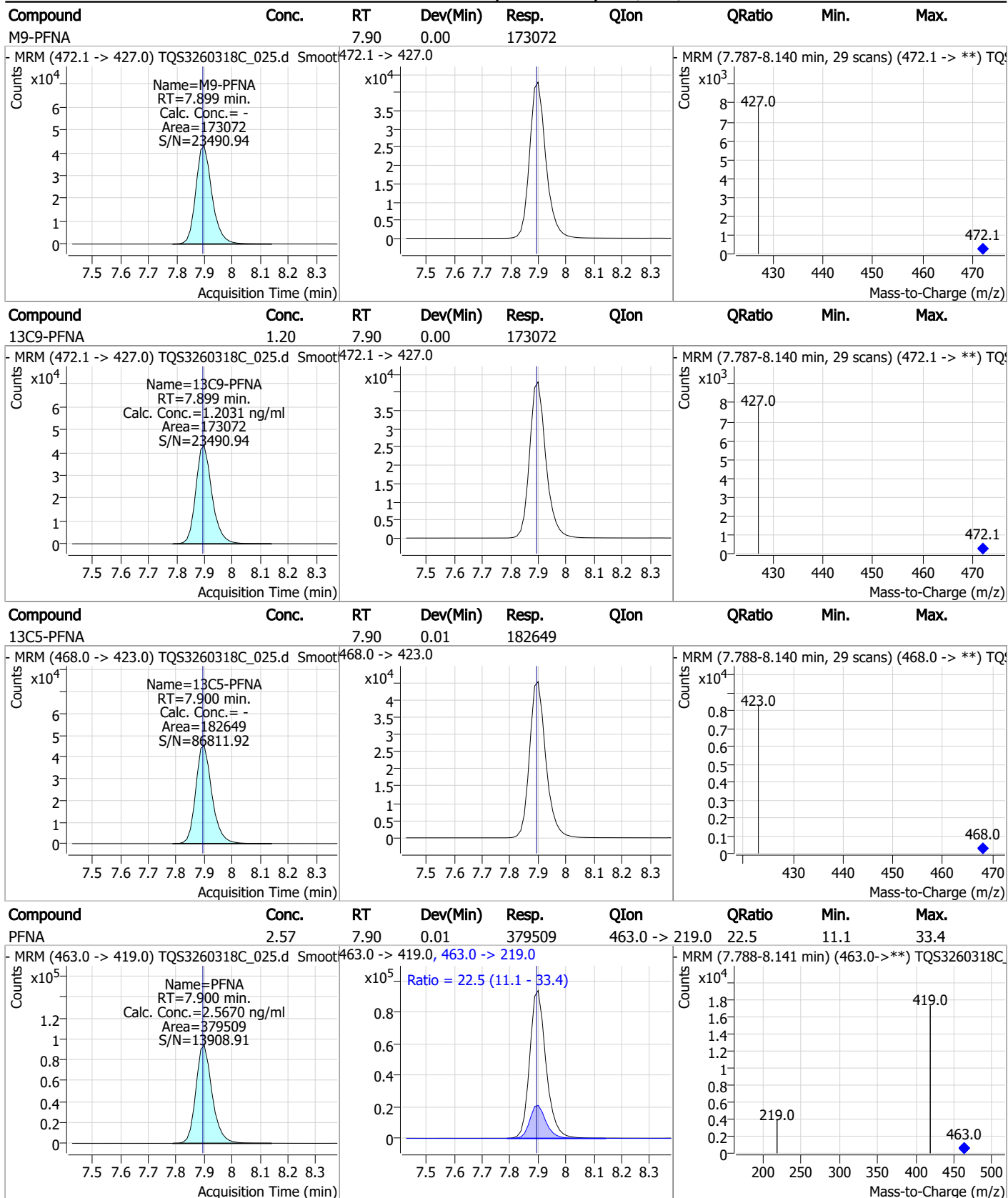
Perfluorinated Compounds by LC/MS/MS



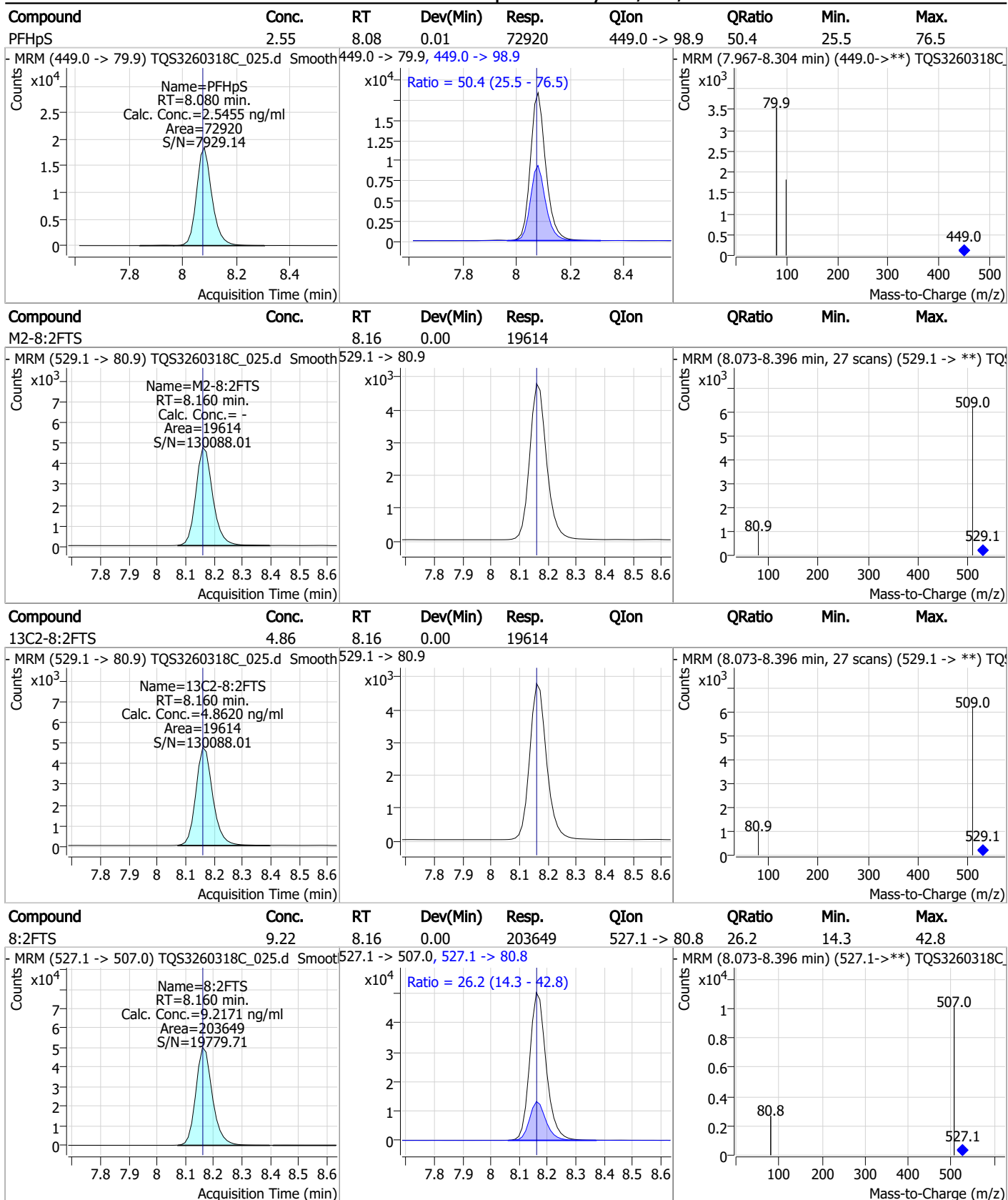
Perfluorinated Compounds by LC/MS/MS



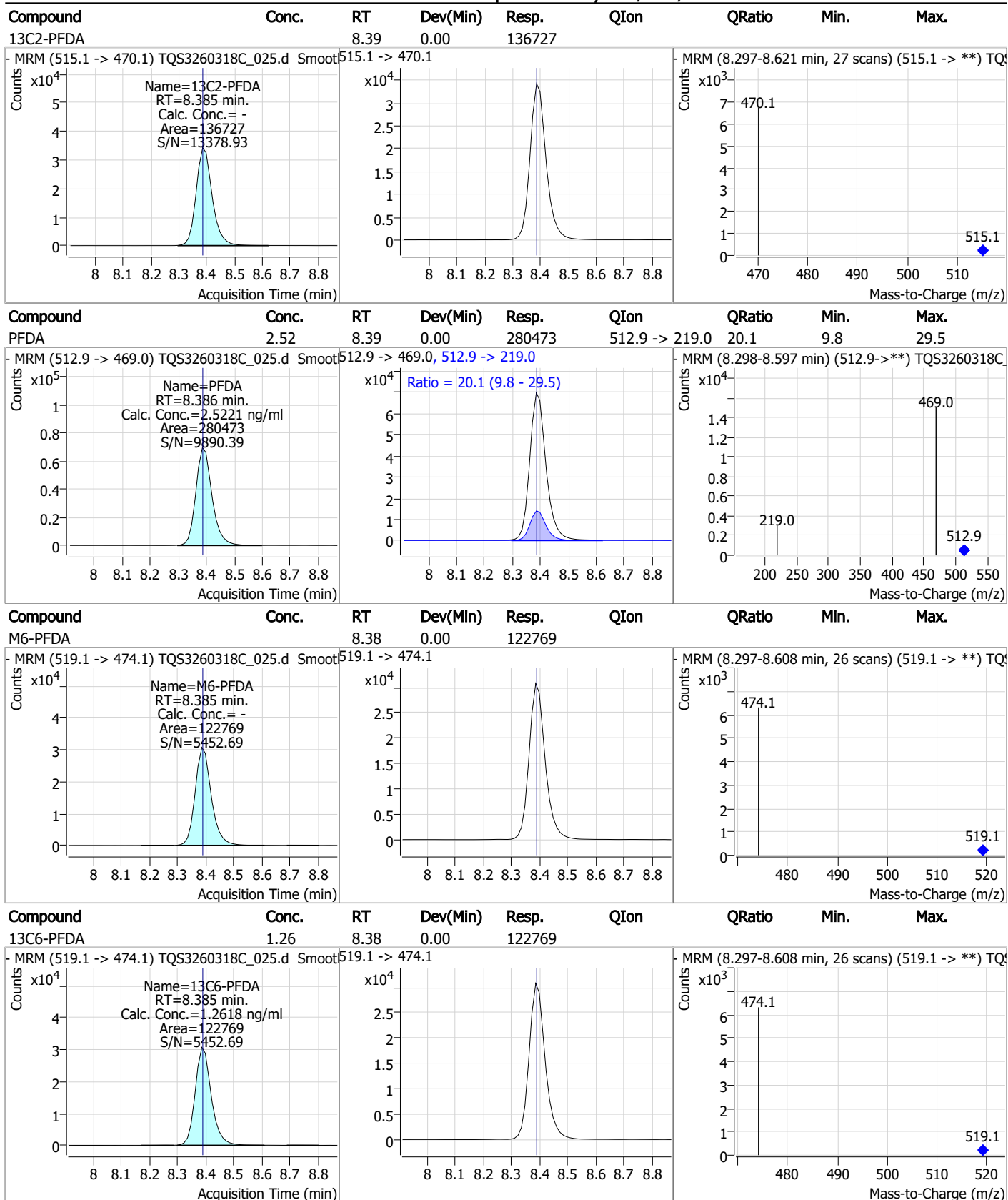
Perfluorinated Compounds by LC/MS/MS



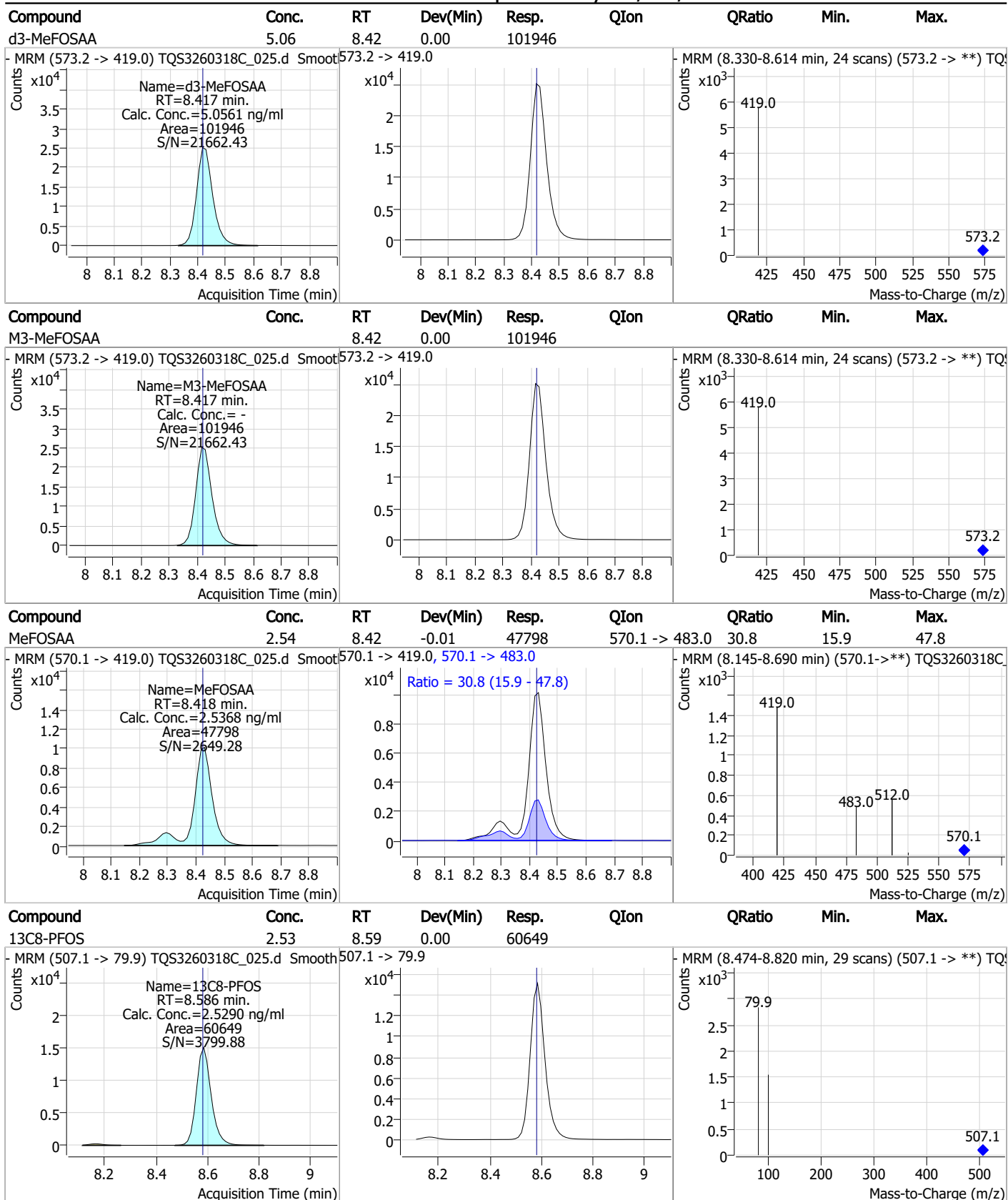
Perfluorinated Compounds by LC/MS/MS



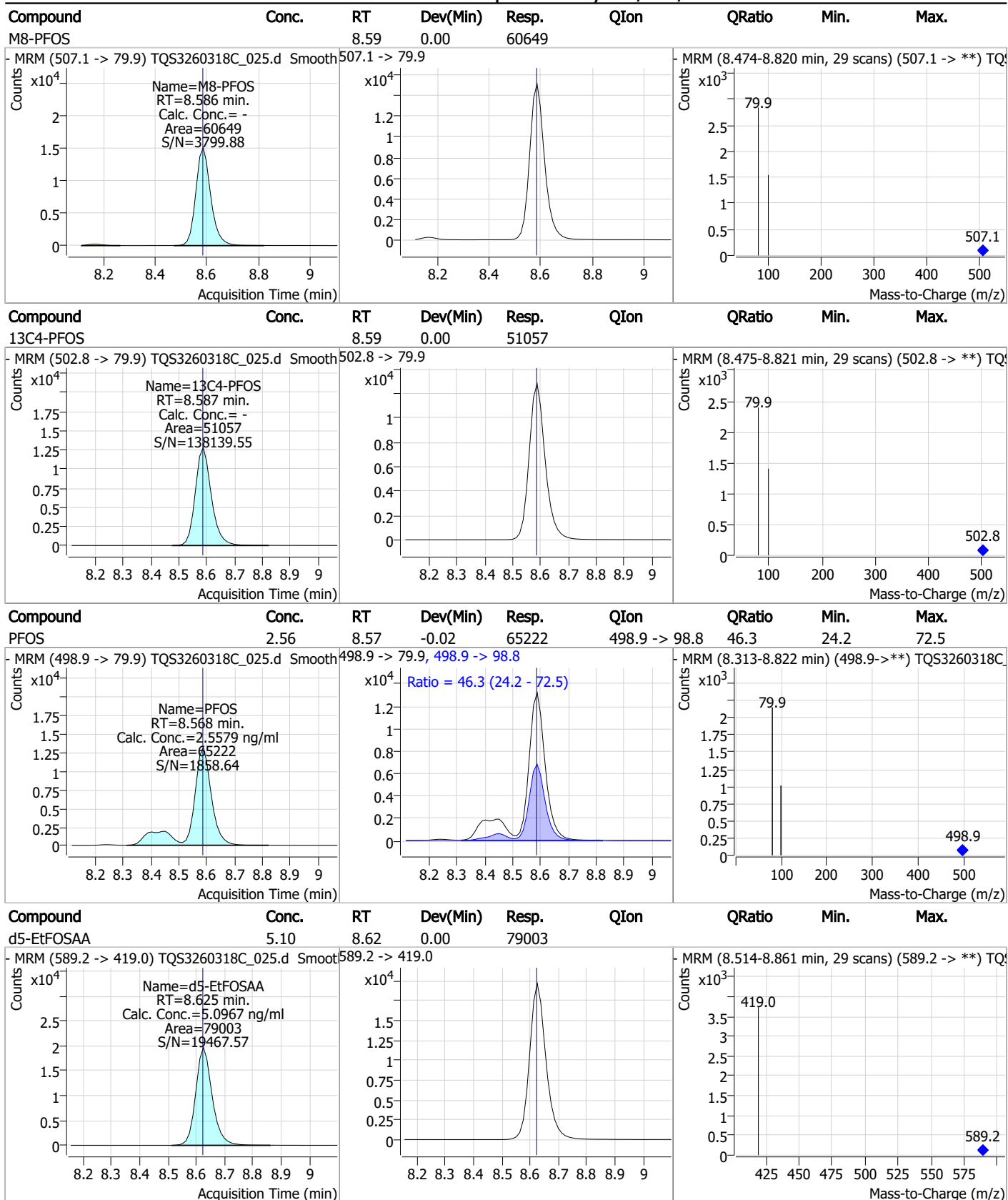
Perfluorinated Compounds by LC/MS/MS



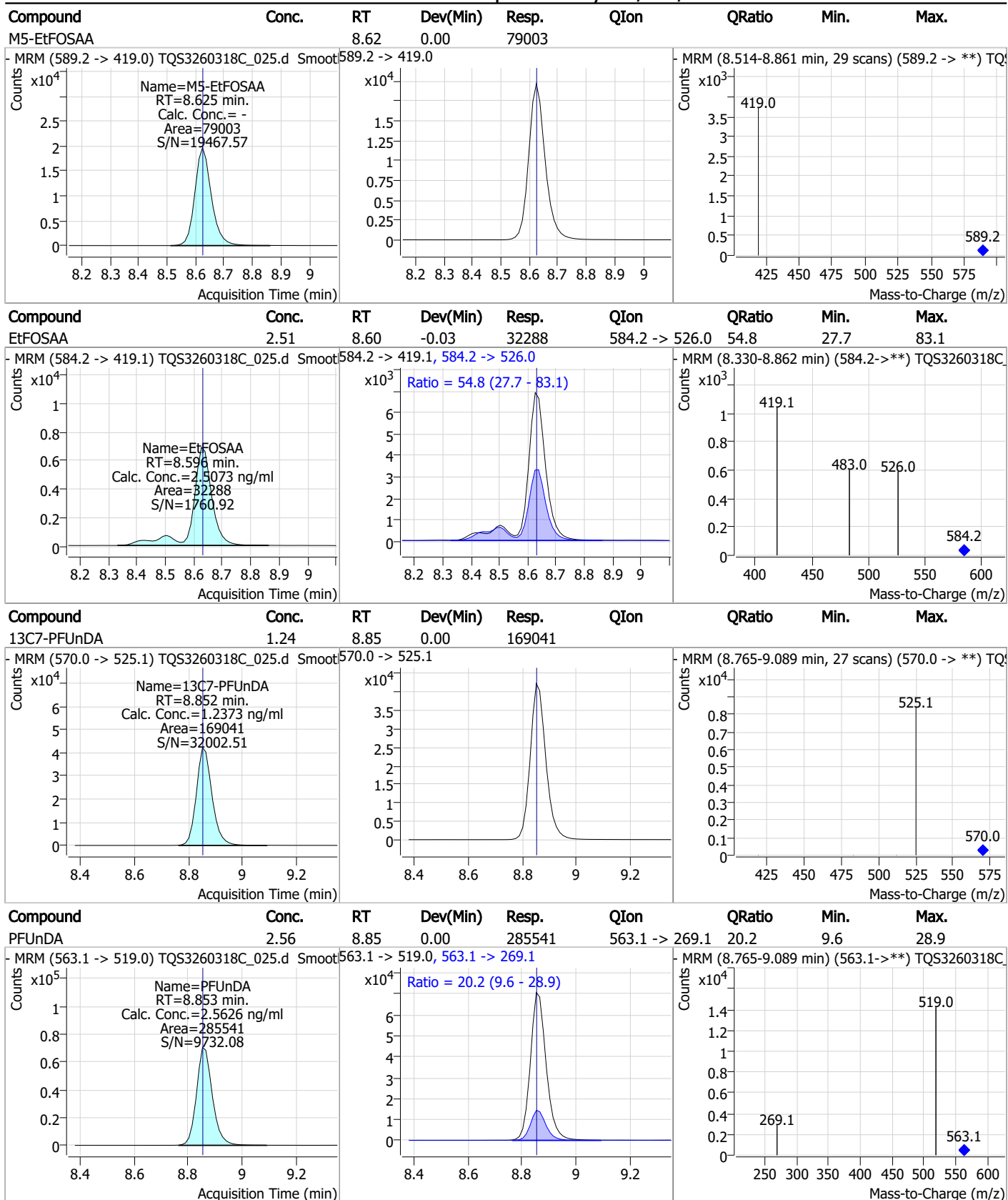
Perfluorinated Compounds by LC/MS/MS



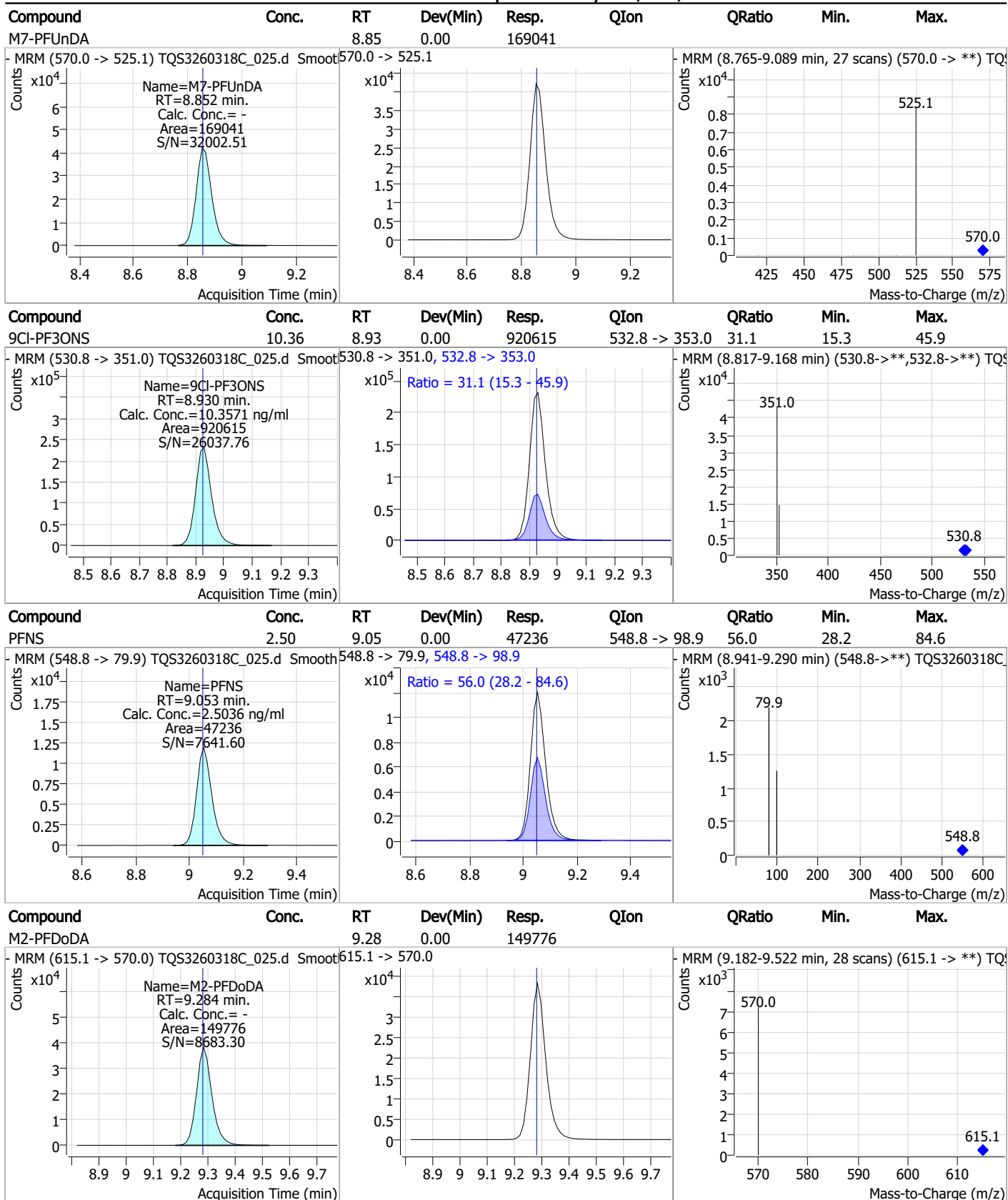
Perfluorinated Compounds by LC/MS/MS



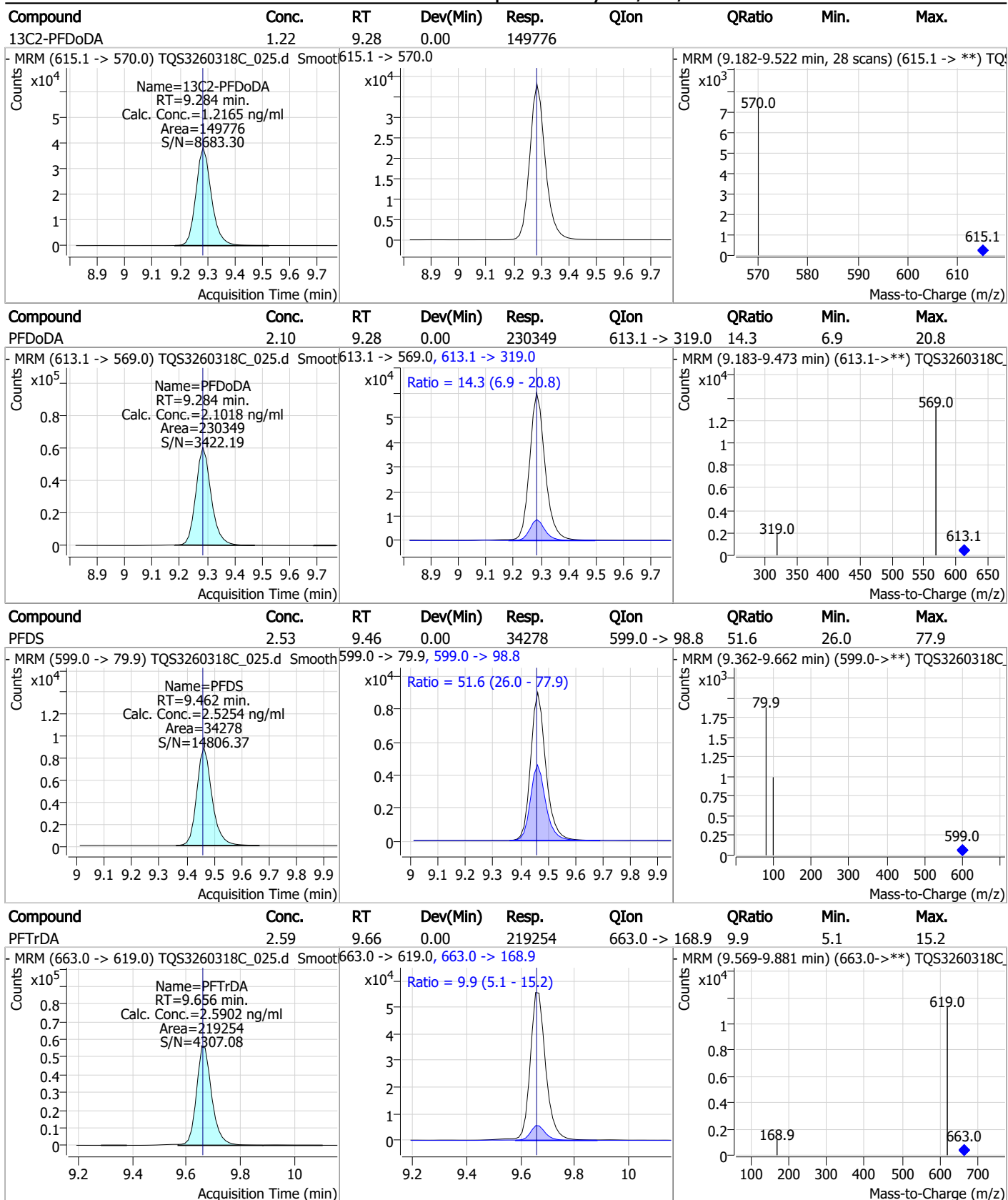
Perfluorinated Compounds by LC/MS/MS



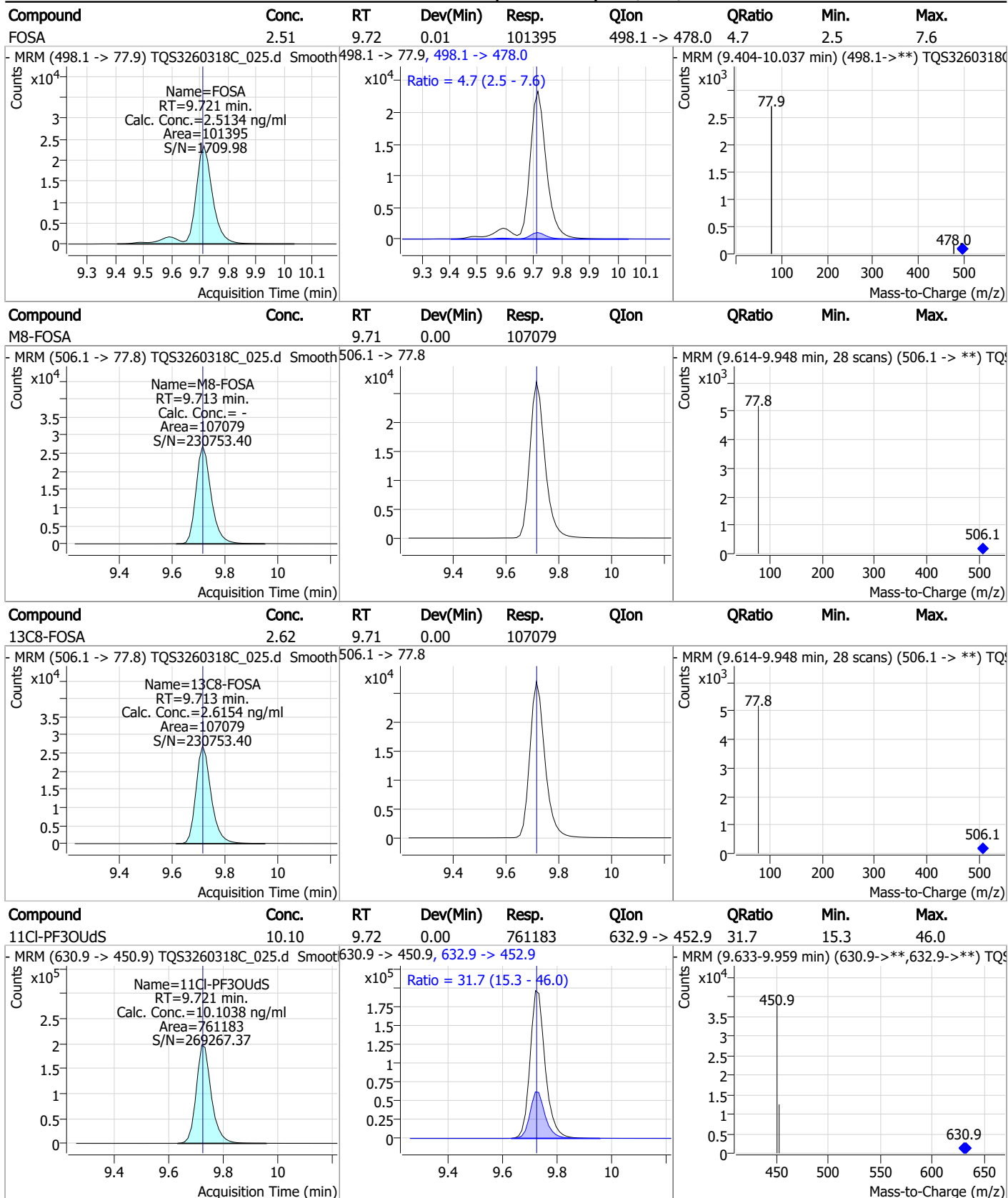
Perfluorinated Compounds by LC/MS/MS



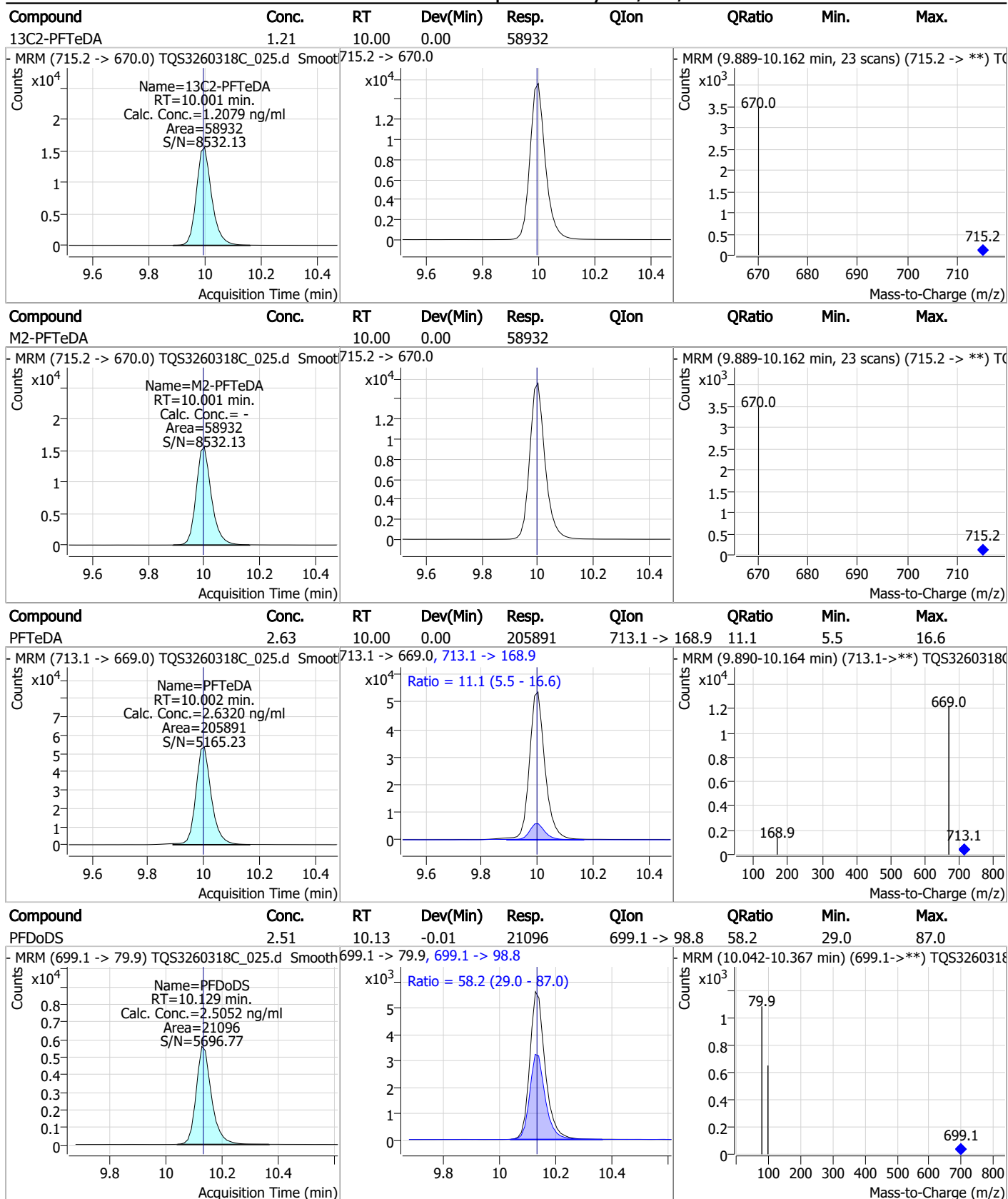
Perfluorinated Compounds by LC/MS/MS



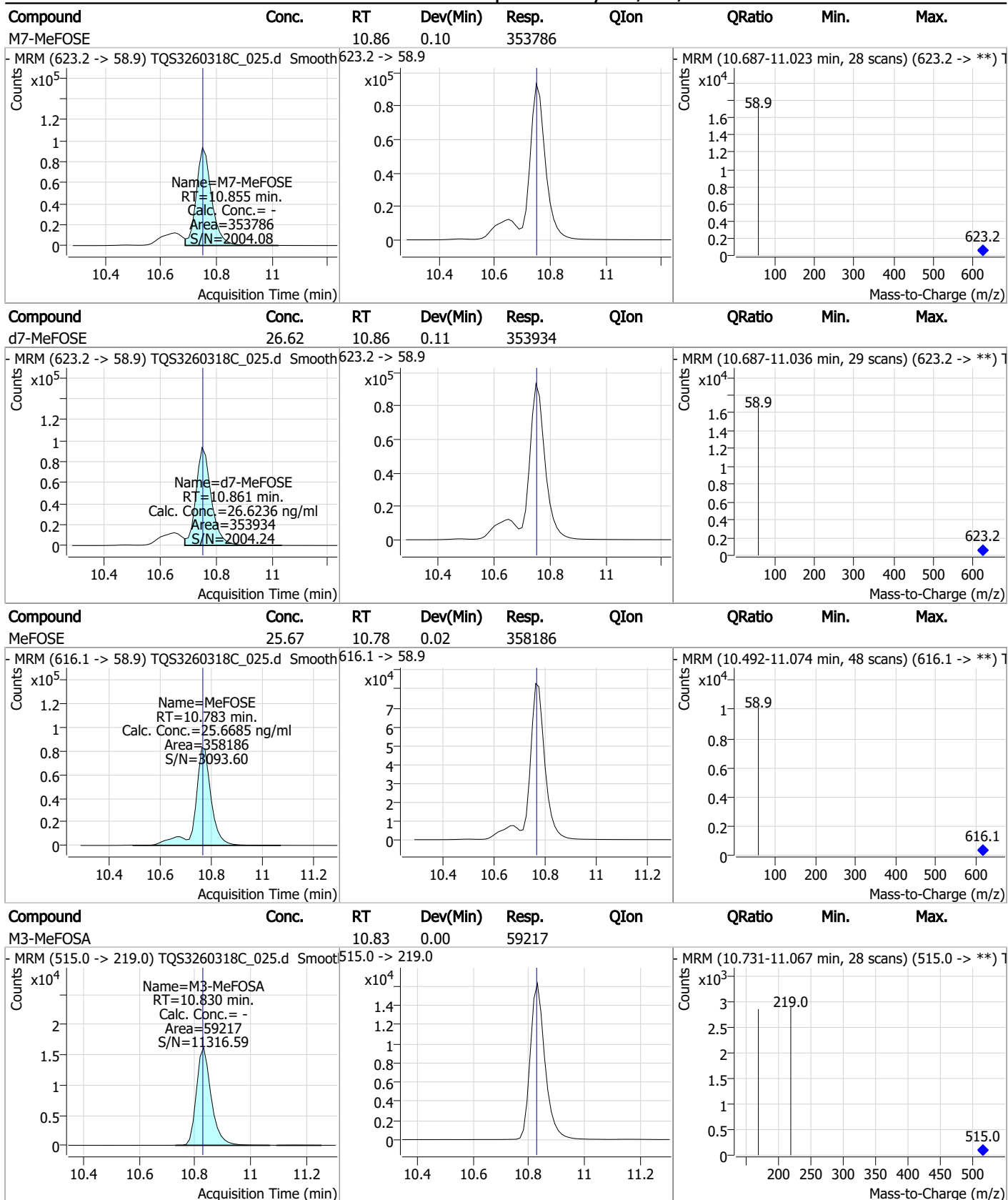
Perfluorinated Compounds by LC/MS/MS



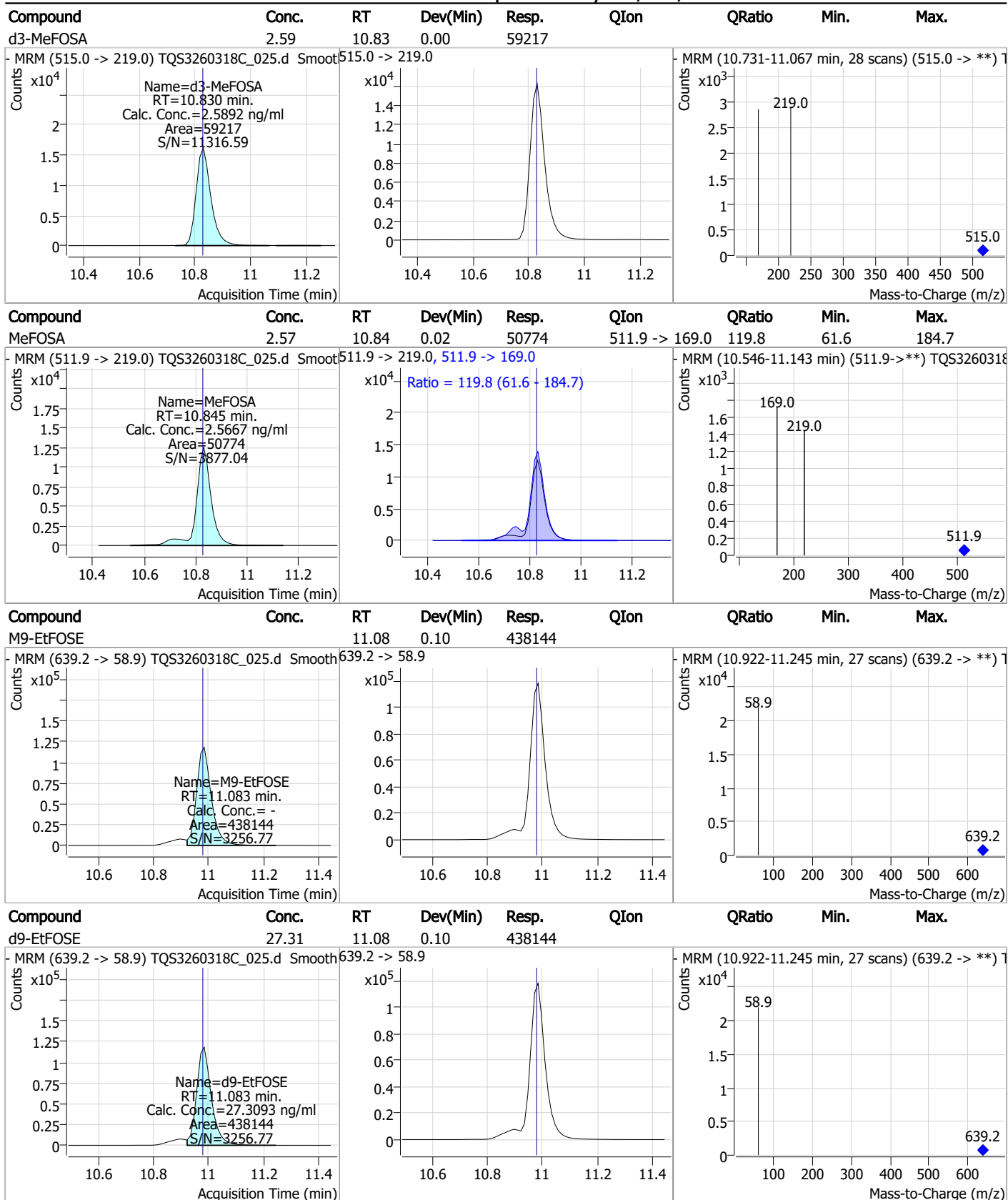
Perfluorinated Compounds by LC/MS/MS



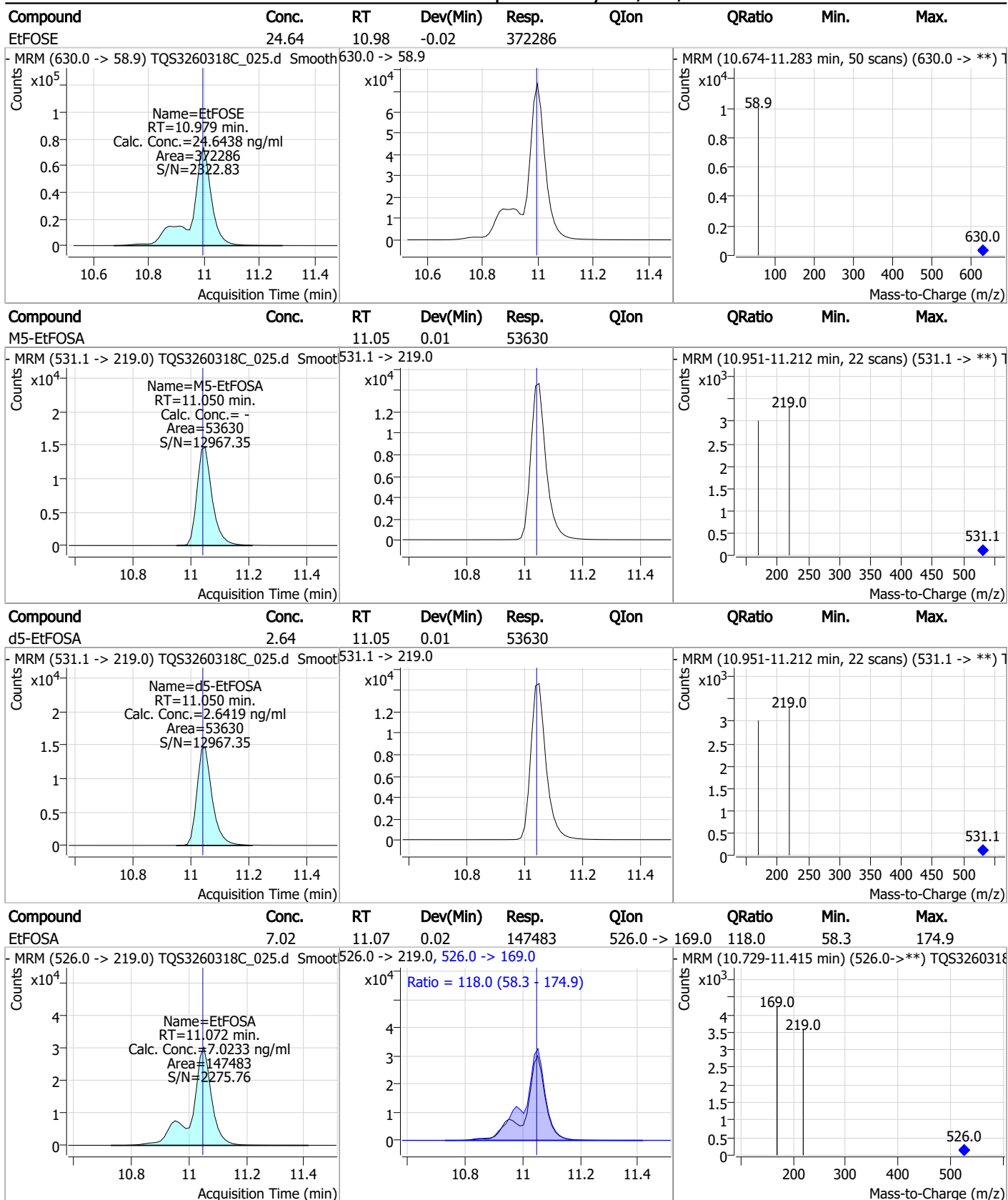
Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Data File : TQS3260318C_026.d
 Operator :
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/18/2026 11:57:32 PM
 Sample Name : ICAL7
 Vial : P3-A9
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3913_ICAL_C_1633.batch.bin
 Sample Information : AXYS G 5.00ng/mL

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Internal Standards						
13C2-PFDA	8.385	515.1 -> 470.1	133901		1.25 ng/ml	0.000
13C2-PFHxA	5.857	315.1 -> 270.0	267737		2.50 ng/ml	-0.004
13C3-PFBA	3.165	216.0 -> 172.0	414900		5.00 ng/ml	-0.009
13C4-PFOA	7.369	417.1 -> 372.0	423004		2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	52105		2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	171704		1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	41552		2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	10551		5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	16251		5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	18990		5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	148786		1.25 ng/ml	0.003
M2-PFTeDA	10.001	715.2 -> 670.0	60049		1.25 ng/ml	0.004
M3-HFPO-DA	6.223	286.9 -> 168.9	336276		10.00 ng/ml	-0.012
M3-MeFOSA	10.830	515.0 -> 219.0	55749		2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	102576		5.00 ng/ml	-0.004
M3-PFBS	5.848	302.1 -> 79.9	93097		2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	70518		2.50 ng/ml	0.002
M4-PFBA	3.173	216.8 -> 171.9	974958		10.00 ng/ml	0.000
M4-PFHpA	6.751	367.1 -> 322.0	267999		2.50 ng/ml	0.002
M5-EtFOSA	11.038	531.1 -> 219.0	51098		2.50 ng/ml	-0.004
M5-EtFOSAA	8.625	589.2 -> 419.0	77611		5.00 ng/ml	-0.001
M5-PFHxA	5.856	318.0 -> 273.0	306250		2.50 ng/ml	-0.006
M5-PFPeA	4.637	268.3 -> 223.0	435887		5.00 ng/ml	-0.005
M6-PFDA	8.385	519.1 -> 474.1	119529		1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	330991		25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	169823		1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	102863		2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	397799		2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	61945		2.50 ng/ml	0.002
M9-EtFOSE	11.083	639.2 -> 58.9	412589		25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	173250		1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	10551		4.68 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 93.6%	
13C2-6:2FTS	7.130	429.1 -> 80.9	16251		4.62 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 92.4%	
13C2-8:2FTS	8.160	529.1 -> 80.9	18990		4.96 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 99.2%	
13C2-PFDoDA	9.284	615.1 -> 570.0	148786		1.23 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 98.7%	
13C2-PFTeDA	10.001	715.2 -> 670.0	60049		1.26 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 100.5%	
13C3-HFPO-DA	6.223	286.9 -> 168.9	336276		10.09 ng/ml	-0.012
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 100.9%	
d3-MeFOSA	10.830	515.0 -> 219.0	55749		2.39 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 95.5%	
d3-MeFOSAA	8.417	573.2 -> 419.0	102576	4.98 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 99.7%	
13C3-PFBs	5.848	302.1 -> 79.9	93097	2.54 ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 101.5%	
13C3-PFHxS	7.523	402.1 -> 79.9	70518	2.56 ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 102.4%	
13C4-PFBA	3.168	216.8 -> 171.9	981912	10.02 ng/ml	-0.004
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 100.2%	
13C4-PFHpA	6.751	367.1 -> 322.0	267999	2.50 ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 99.8%	
d5-EtFOSA	11.038	531.1 -> 219.0	51098	2.47 ng/ml	-0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 98.7%	
d5-EtFOSAA	8.625	589.2 -> 419.0	77611	4.91 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 98.1%	
13C5-PFHxA	5.856	318.0 -> 273.0	306250	2.53 ng/ml	-0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 101.0%	
13C5-PFPeA	4.637	268.3 -> 223.0	435887	5.00 ng/ml	-0.003
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 100.0%	
13C6-PFDA	8.385	519.1 -> 474.1	119529	1.25 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 100.4%	
d7-MeFOSE	10.861	623.2 -> 58.9	331153	24.41 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%			Recovery = 97.6%	
13C7-PFUnDA	8.852	570.0 -> 525.1	169823	1.27 ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 101.5%	
13C8-FOSA	9.713	506.1 -> 77.8	102863	2.46 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 98.5%	
13C8-PFOA	7.369	421.1 -> 376.0	397799	2.54 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 101.6%	
13C8-PFOS	8.586	507.1 -> 79.9	61945	2.53 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 101.2%	
d9-EtFOSE	11.083	639.2 -> 58.9	412589	25.20 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%			Recovery = 100.8%	
13C9-PFNA	7.899	472.1 -> 427.0	173250	1.28 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 102.5%	

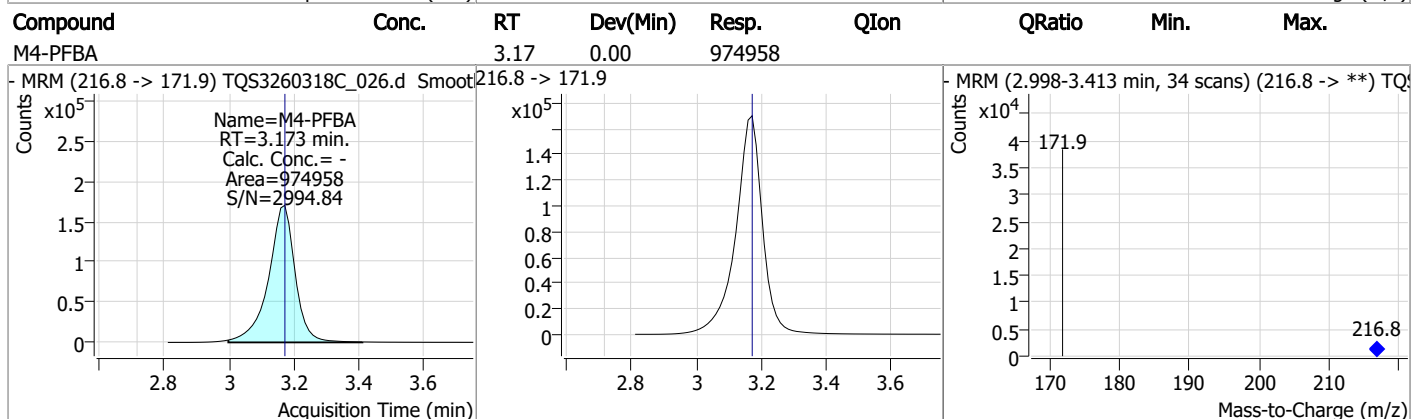
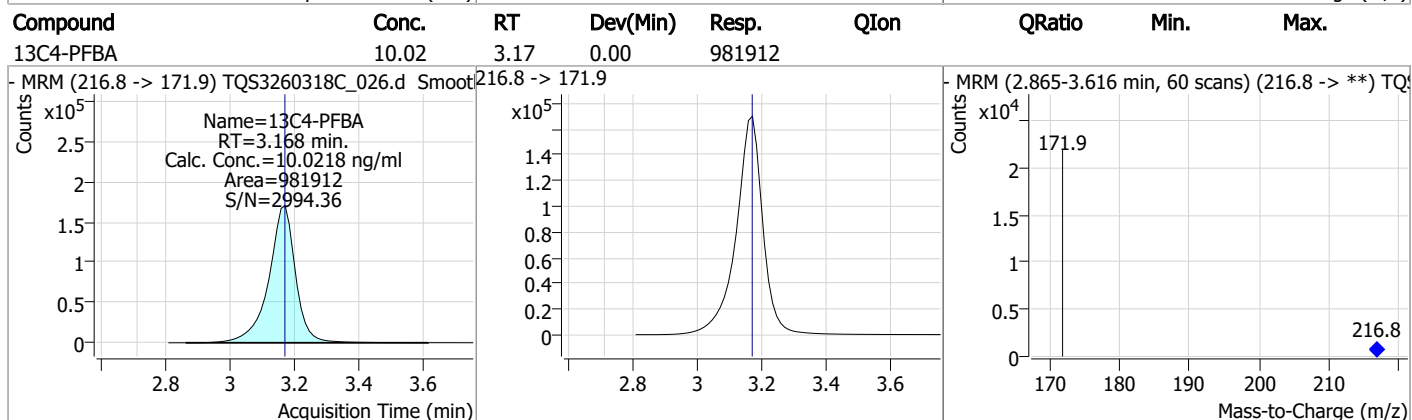
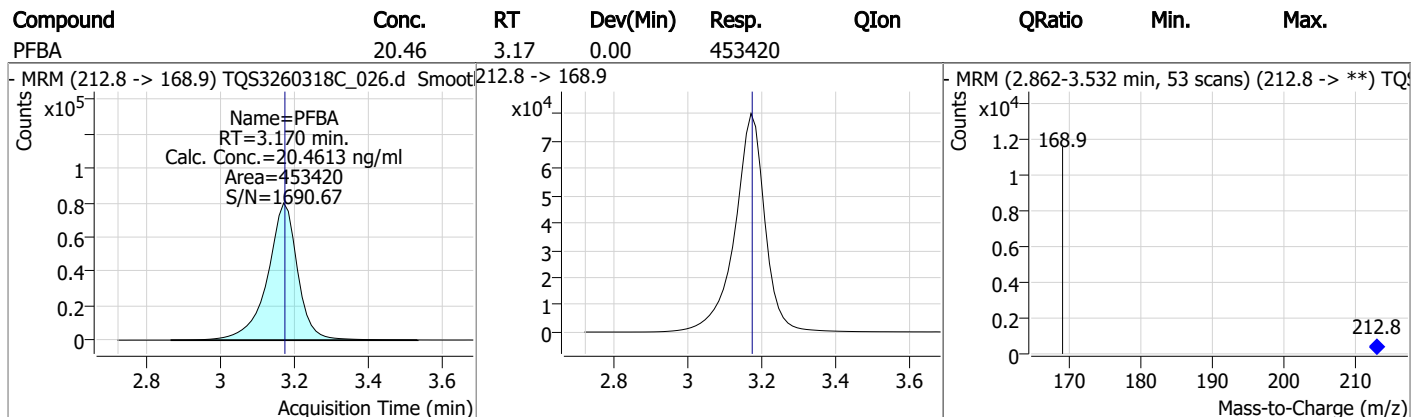
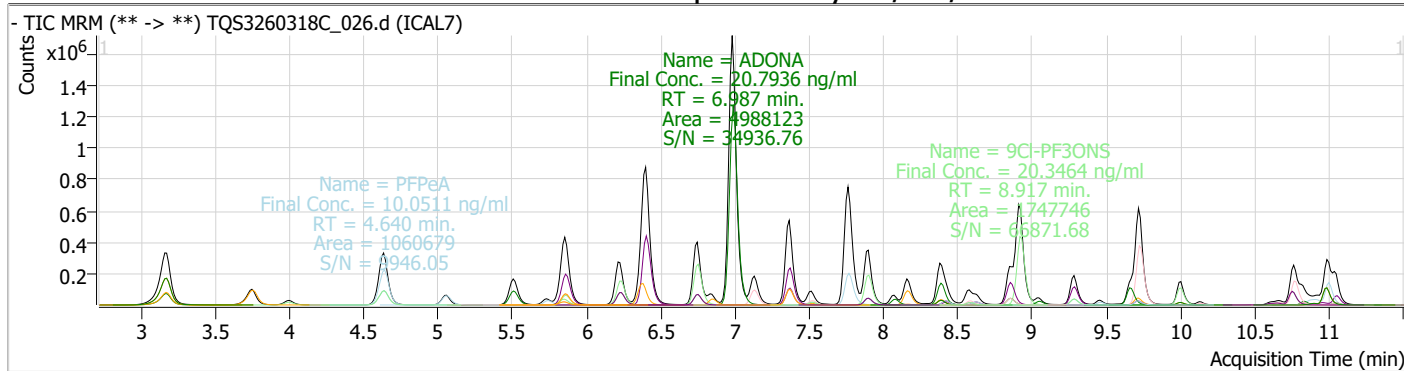
Target Compounds

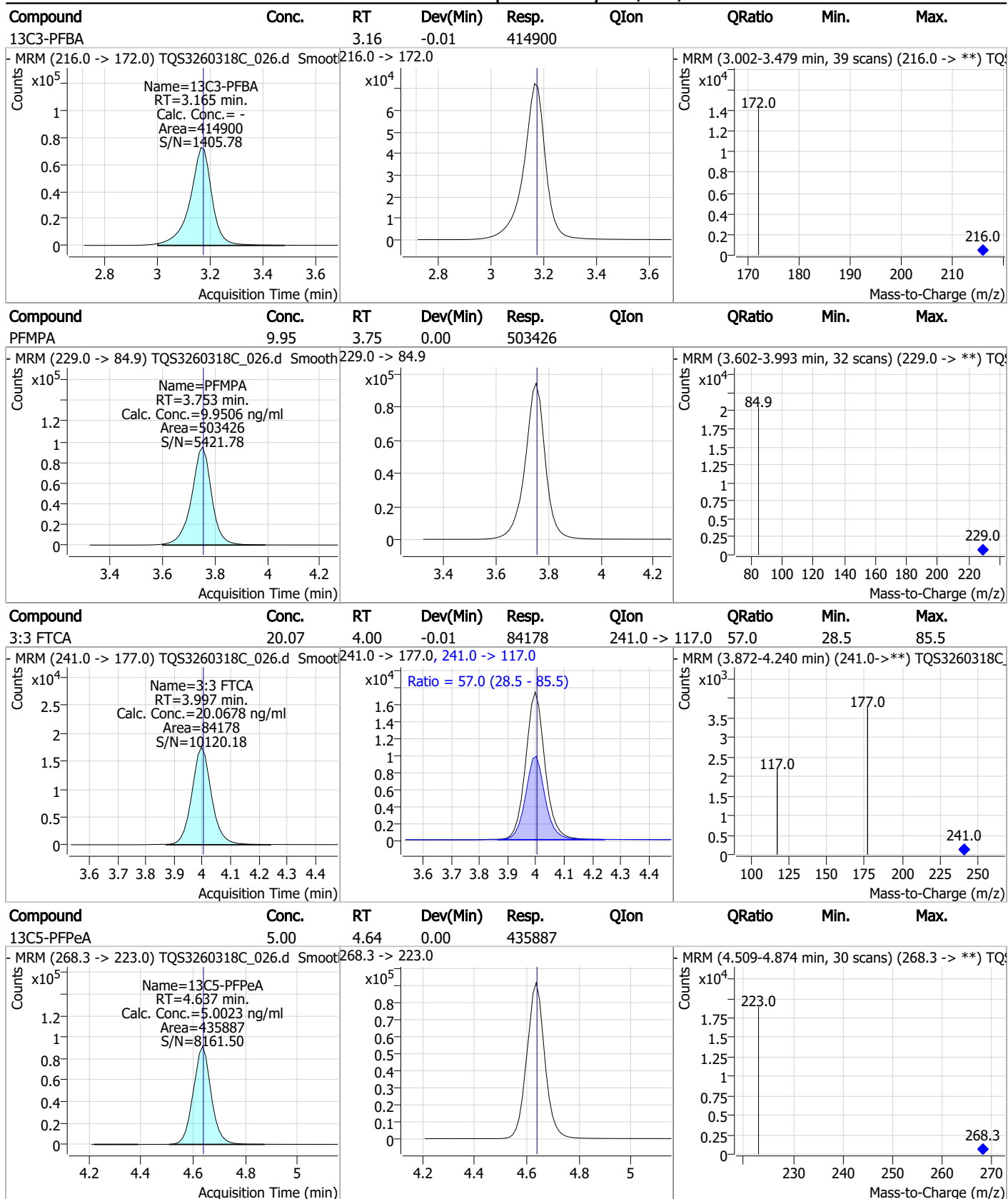
					QValue
11Cl-PF3OUdS	9.721	630.9 -> 450.9	1462797	20.09 ng/ml	98
TDCA	-	498.9 -> 79.9	-	N.D.	
3:3 FTCA	3.997	241.0 -> 177.0	84178	20.07 ng/ml	100
4:2FTS	5.508	327.1 -> 307.0	400914	21.30 ng/ml	98
5:3 FTCA	6.402	341.0 -> 237.1	1868880	124.48 ng/ml	100
6:2FTS	7.131	427.1 -> 407.0	389647	19.45 ng/ml	99
7:3 FTCA	7.766	441.0 -> 316.9	855039	129.49 ng/ml	96
8:2FTS	8.160	527.1 -> 507.0	372223	17.40 ng/ml	98
9Cl-PF3ONS	8.917	530.8 -> 351.0	1747746	20.35 ng/ml	99
ADONA	6.987	376.9 -> 250.9	4988123	20.79 ng/ml	99
EtFOSA	11.072	526.0 -> 219.0	294340	14.71 ng/ml	99
EtFOSAA	8.596	584.2 -> 419.1	64071	5.06 ng/ml	98
EtFOSE	10.979	630.0 -> 58.9	748143	52.59 ng/ml	100
FOSA	9.721	498.1 -> 77.9	195719	5.05 ng/ml	99
HFPO-DA	6.224	284.9 -> 168.9	646866	21.06 ng/ml	100
MeFOSA	10.845	511.9 -> 219.0	96531	5.18 ng/ml	99
MeFOSAA	8.418	570.1 -> 419.0	96004	5.06 ng/ml	98
MeFOSE	10.783	616.1 -> 58.9	669158	51.26 ng/ml	100
NFDHA	5.740	295.0 -> 201.0	121007	10.26 ng/ml	99
PFBA	3.170	212.8 -> 168.9	453420	20.46 ng/ml	100

Perfluorinated Compounds by LC/MS/MS

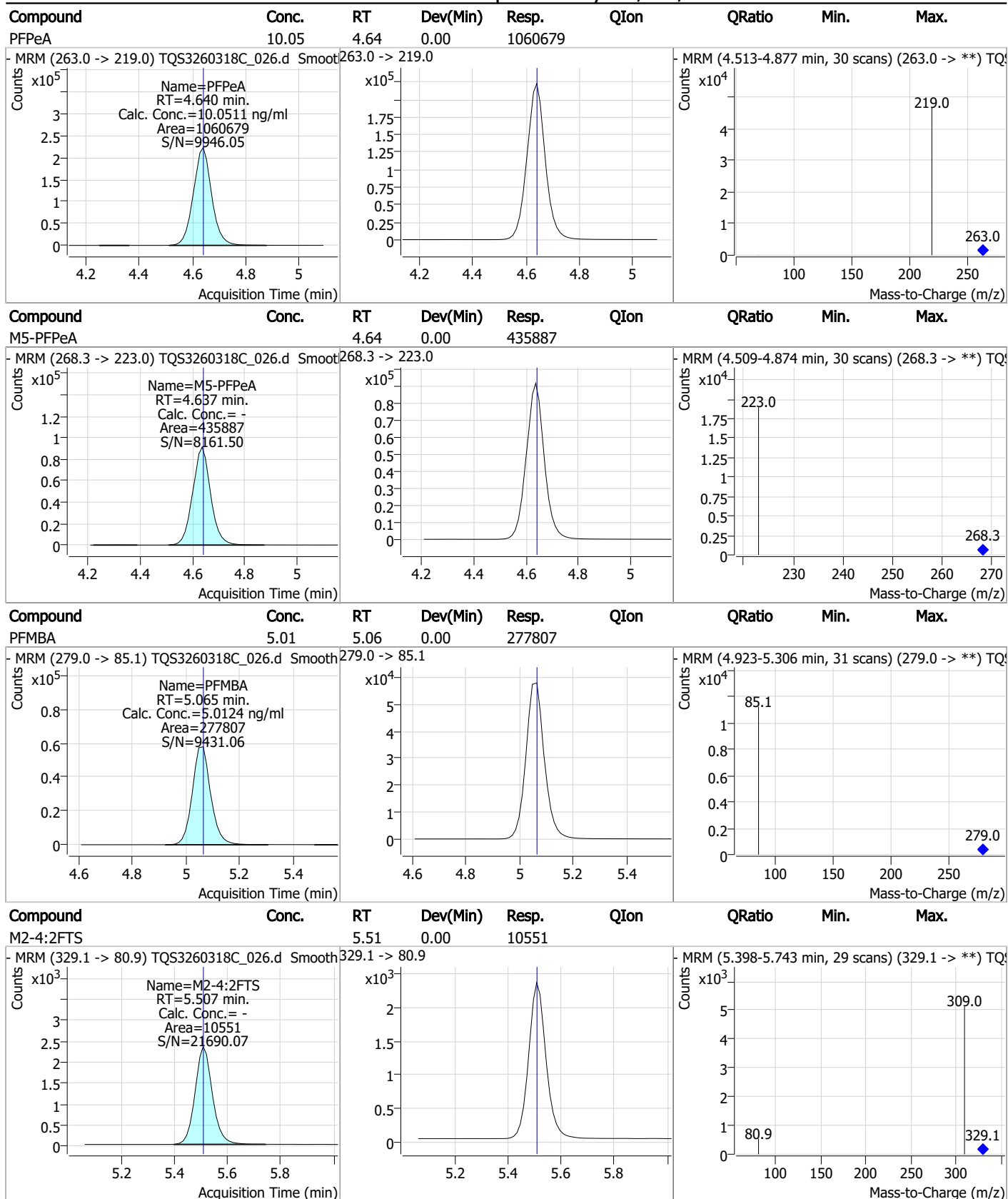
Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	174025	5.13 ng/ml	100
PFDA	8.386	512.9 -> 469.0	555261	5.13 ng/ml	100
PFDoDA	9.284	613.1 -> 569.0	459324	4.22 ng/ml	99
PFDoDS	10.129	699.1 -> 79.9	42377	4.93 ng/ml	99
PFDS	9.462	599.0 -> 79.9	67536	4.87 ng/ml	99
PFEESA	6.381	314.8 -> 134.9	598876	5.03 ng/ml	99
PFHpA	6.751	363.1 -> 319.0	1042456	5.08 ng/ml	100
PFHpS	8.080	449.0 -> 79.9	144671	4.94 ng/ml	100
PFHxA	5.859	313.0 -> 269.0	843797	4.85 ng/ml	100
PFHxS	7.504	398.7 -> 79.9	129330	5.76 ng/ml	97
PFMBA	5.065	279.0 -> 85.1	277807	5.01 ng/ml	100
PFMPA	3.753	229.0 -> 84.9	503426	9.95 ng/ml	100
PFNA	7.900	463.0 -> 419.0	765379	5.17 ng/ml	100
PFNS	9.053	548.8 -> 79.9	93742	4.86 ng/ml	99
PFOA	7.371	413.0 -> 369.0	932219	5.01 ng/ml	99
PFOS	8.568	498.9 -> 79.9	129553	4.97 ng/ml	98
PFPeA	4.640	263.0 -> 219.0	1060679	10.05 ng/ml	100
PFPeS	6.853	349.1 -> 79.9	155881	5.09 ng/ml	97
PFTeDA	10.002	713.1 -> 669.0	416631	5.23 ng/ml	100
PFTrDA	9.656	663.0 -> 619.0	426186	5.07 ng/ml	100
PFUnDA	8.853	563.1 -> 519.0	570474	5.10 ng/ml	98

= Qualifier out of range, m = manually integrated, + = Area summed

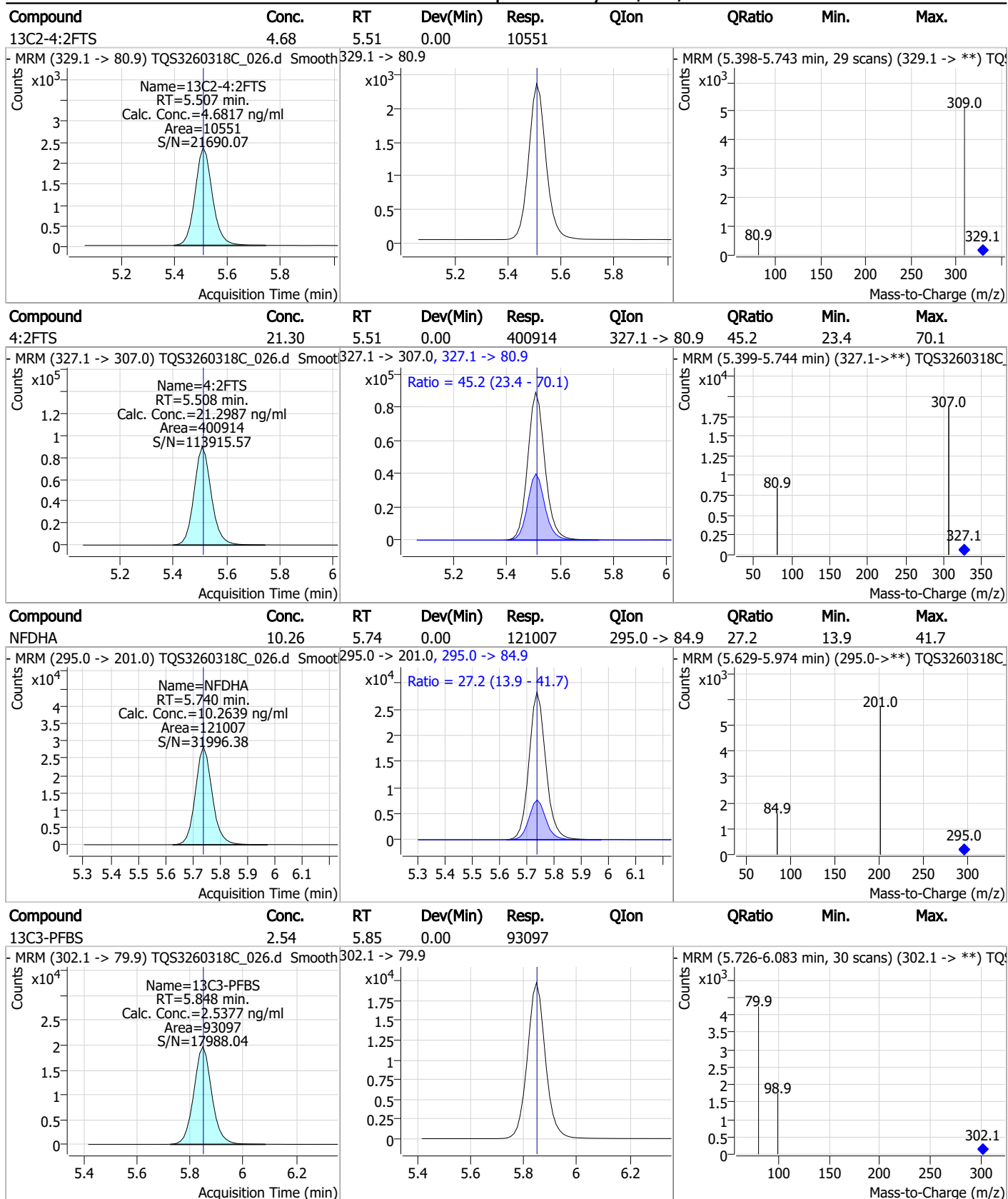


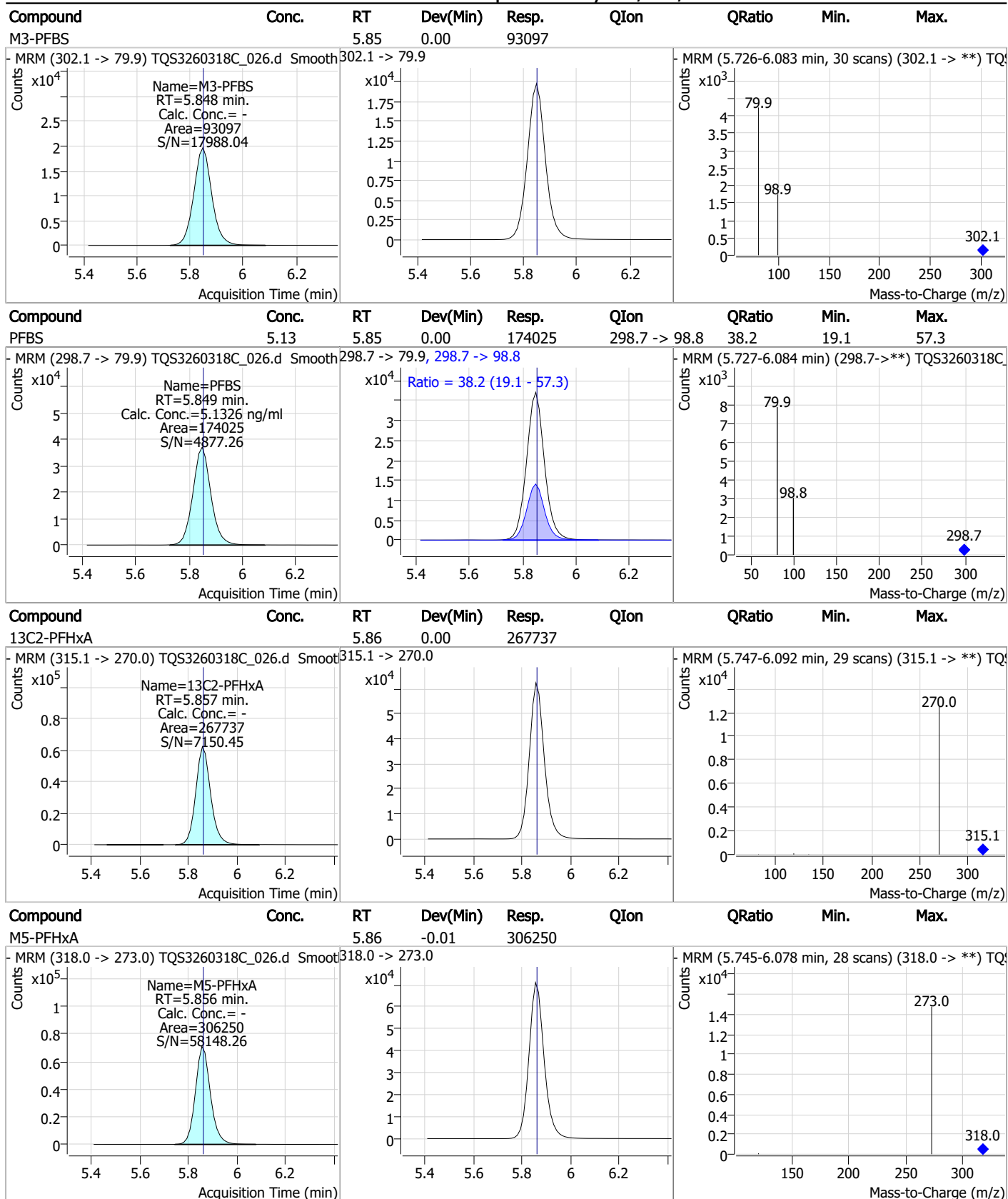


Perfluorinated Compounds by LC/MS/MS

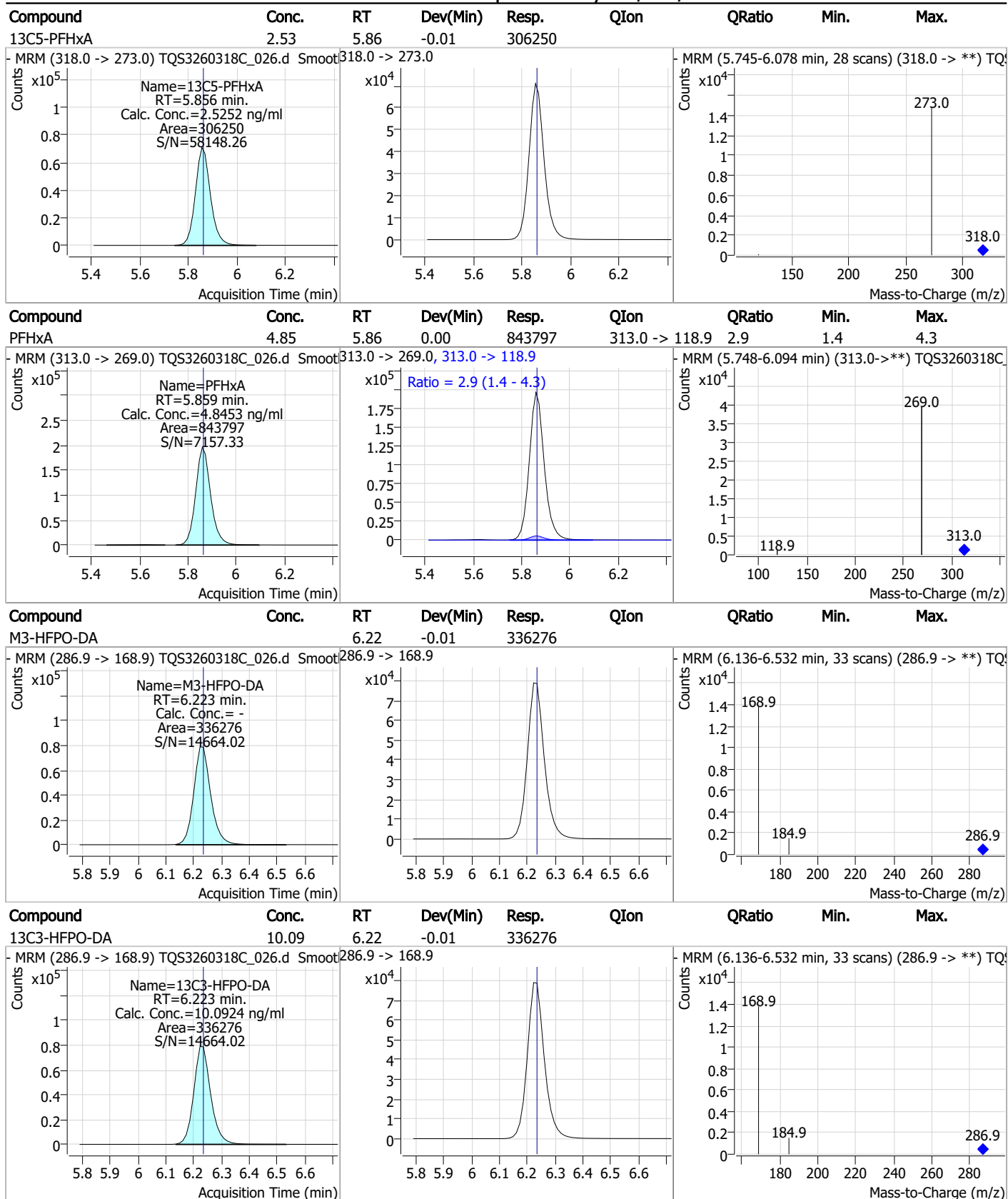


Perfluorinated Compounds by LC/MS/MS

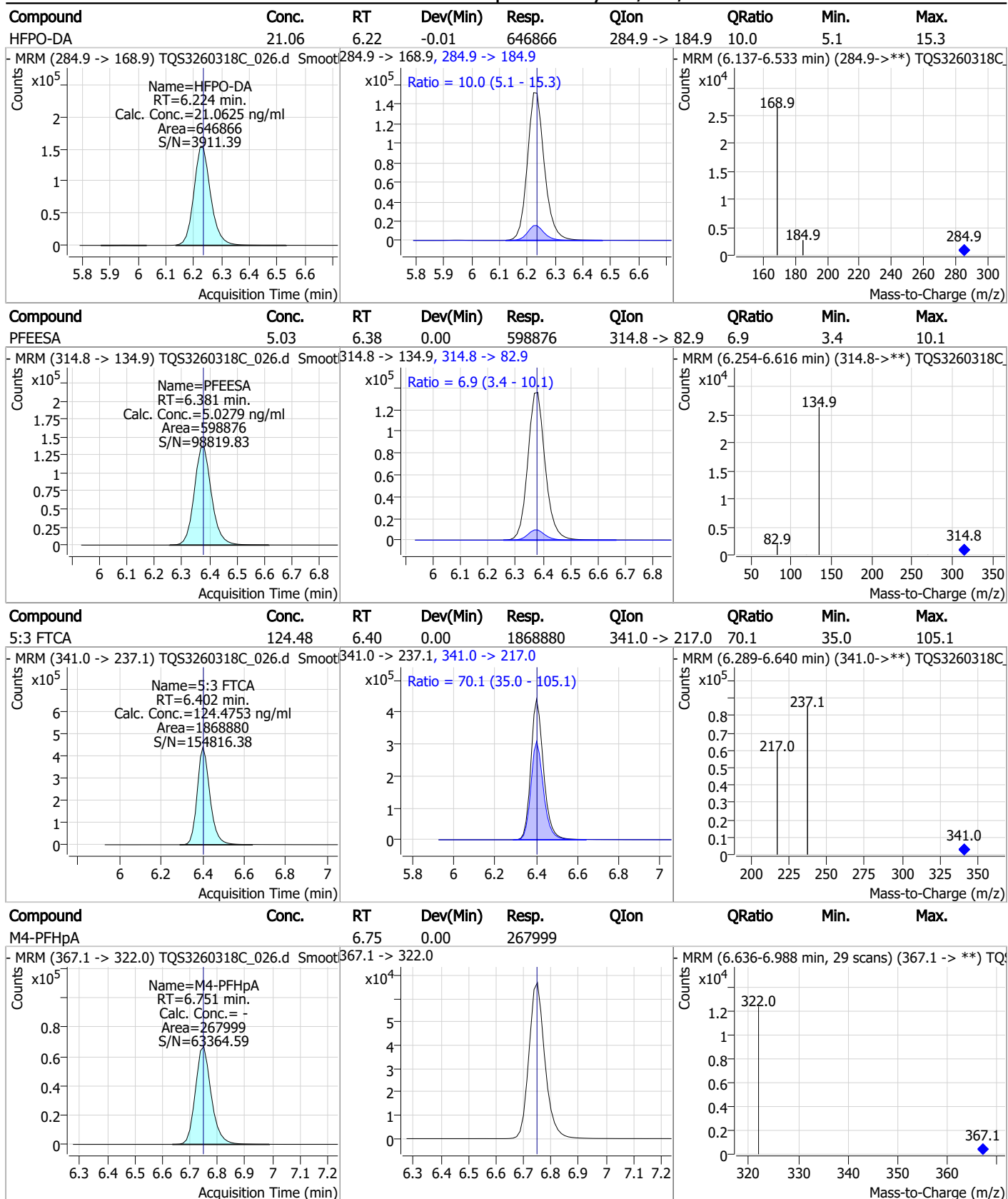




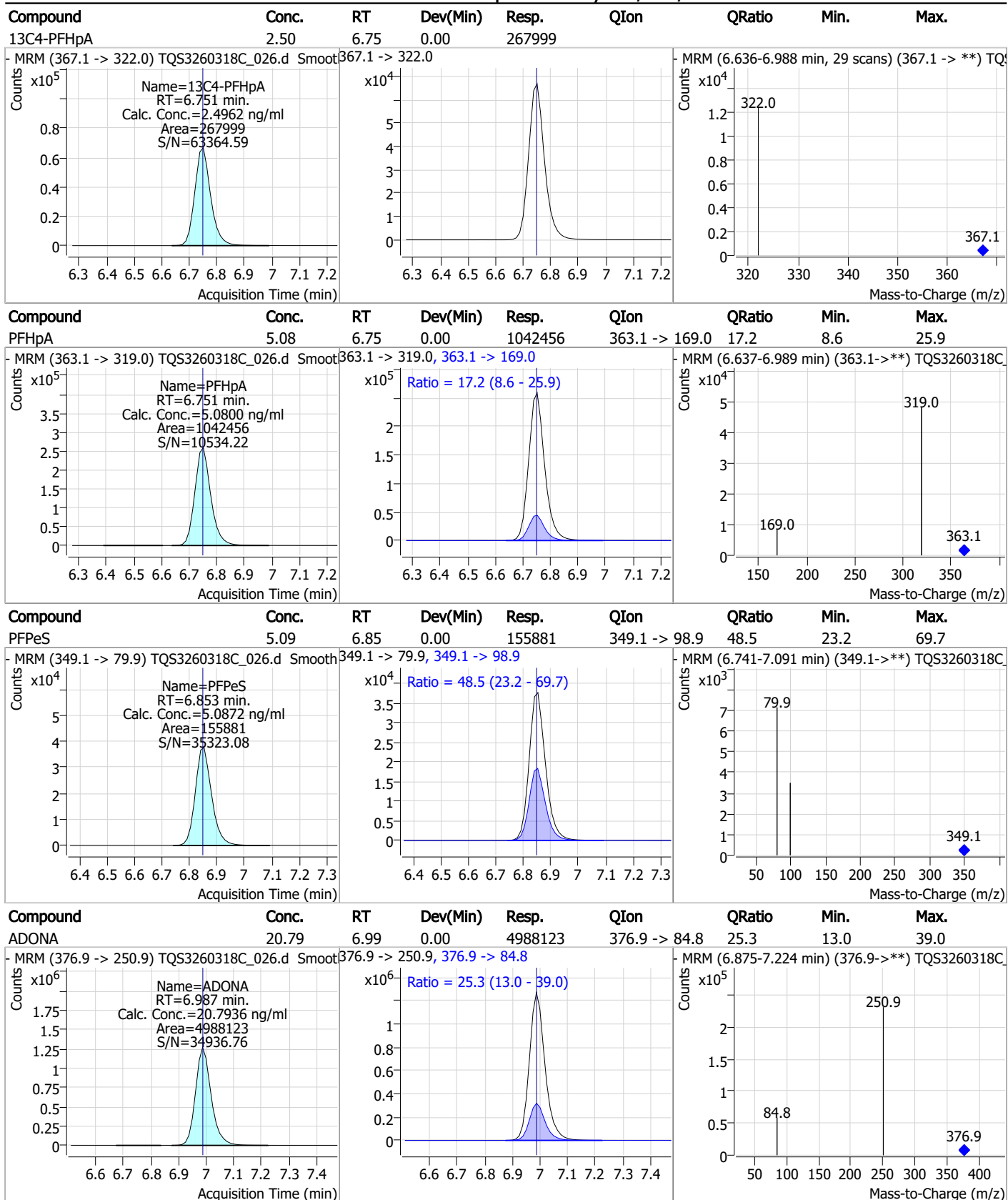
Perfluorinated Compounds by LC/MS/MS



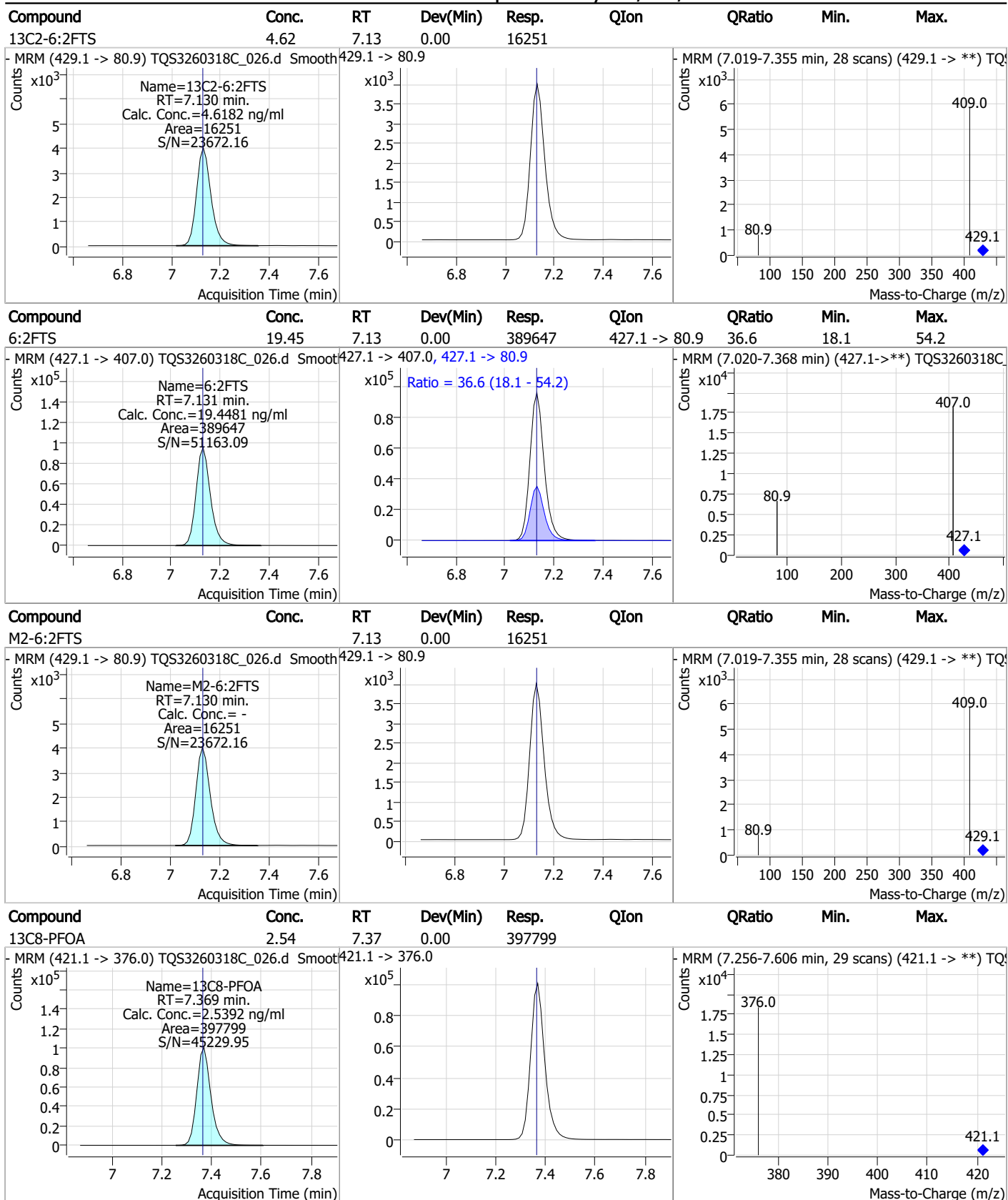
Perfluorinated Compounds by LC/MS/MS



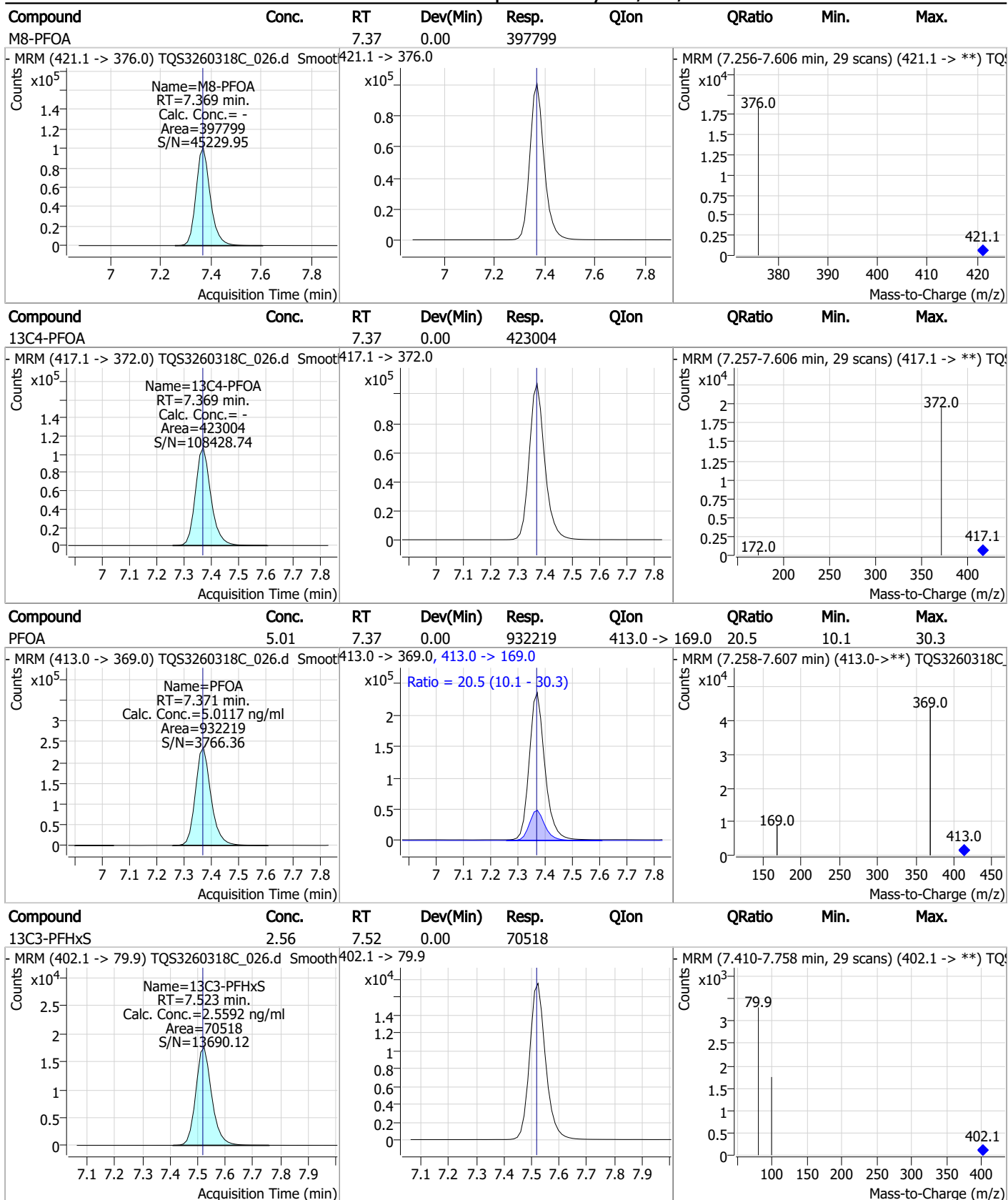
Perfluorinated Compounds by LC/MS/MS



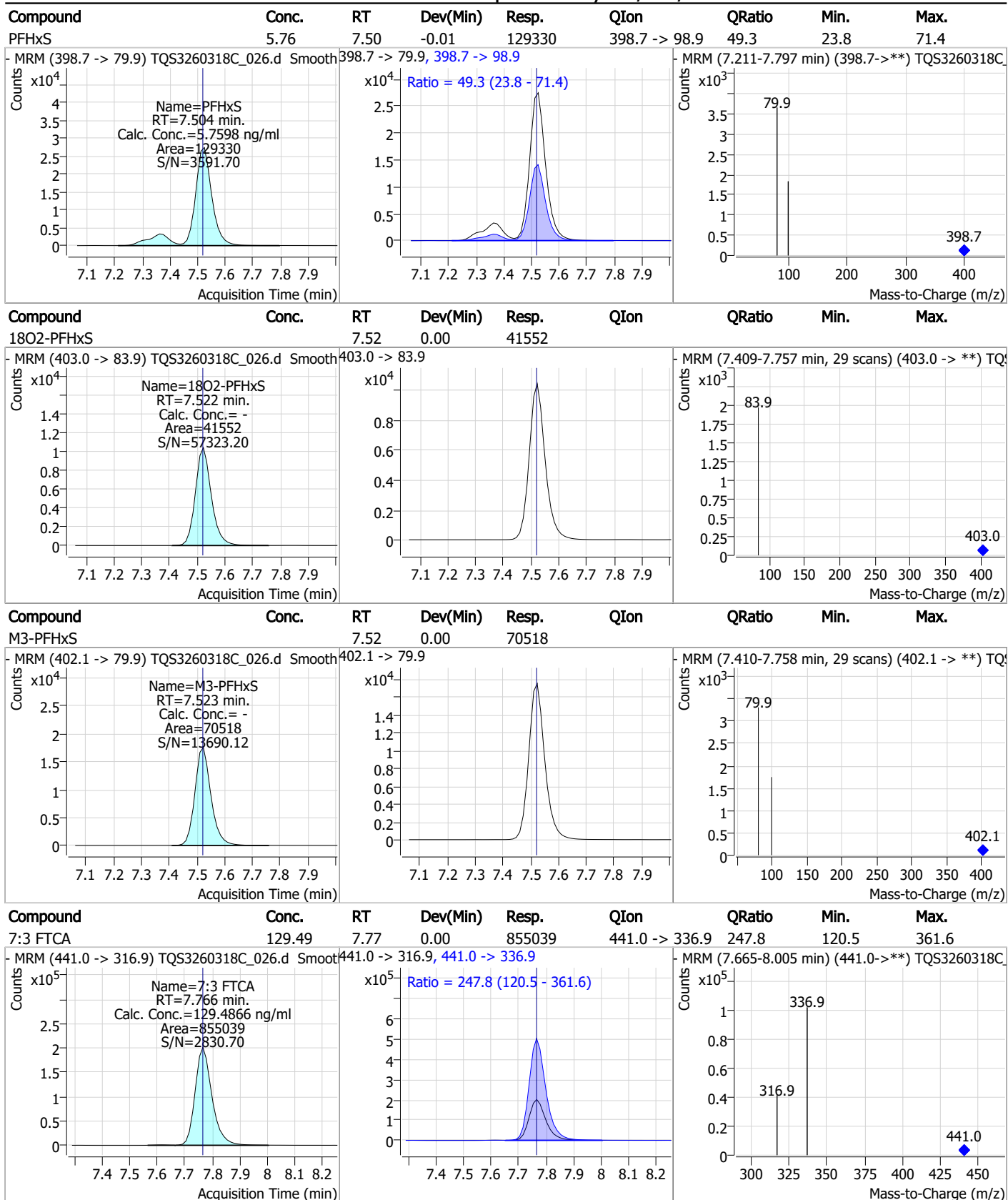
Perfluorinated Compounds by LC/MS/MS



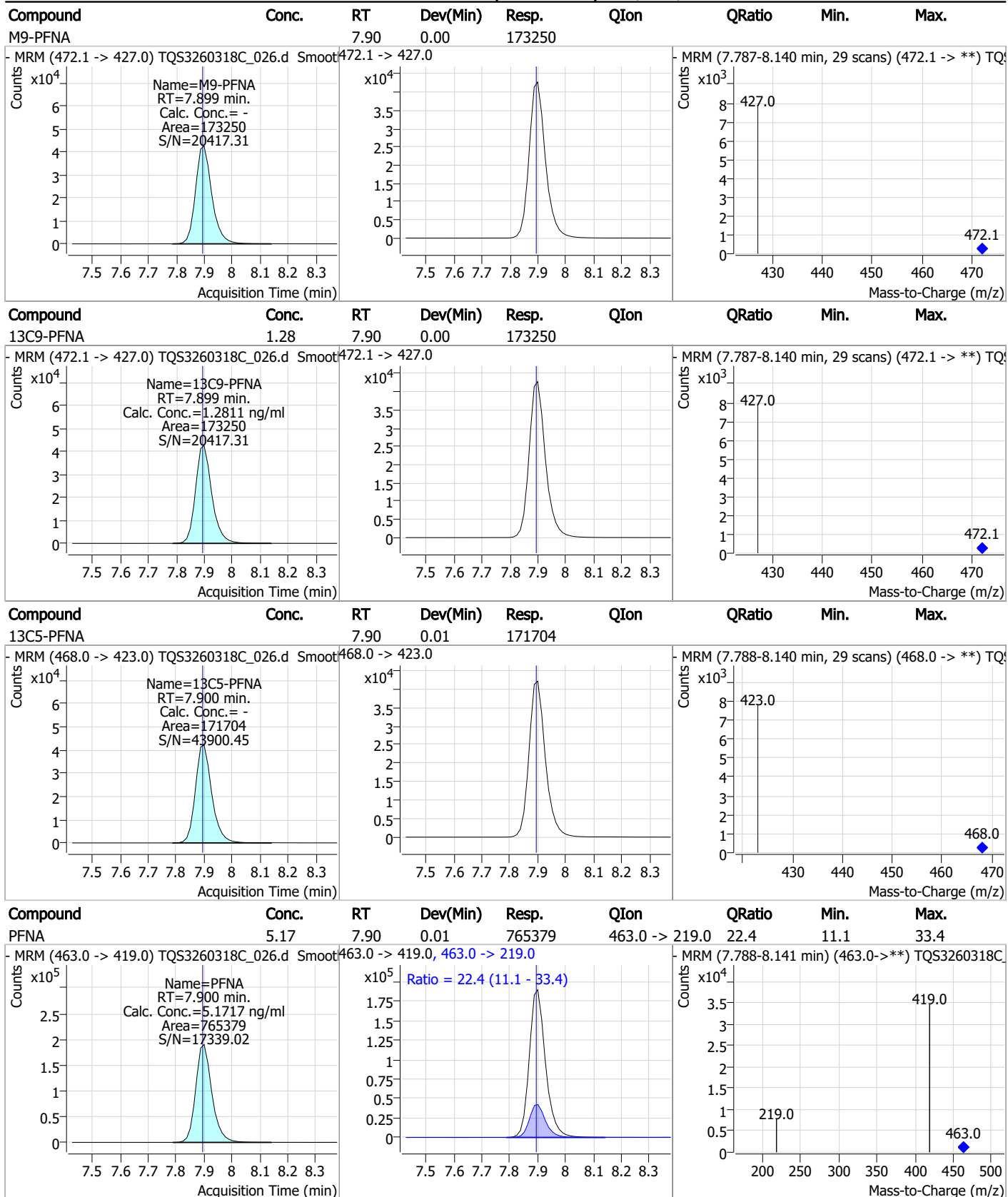
Perfluorinated Compounds by LC/MS/MS



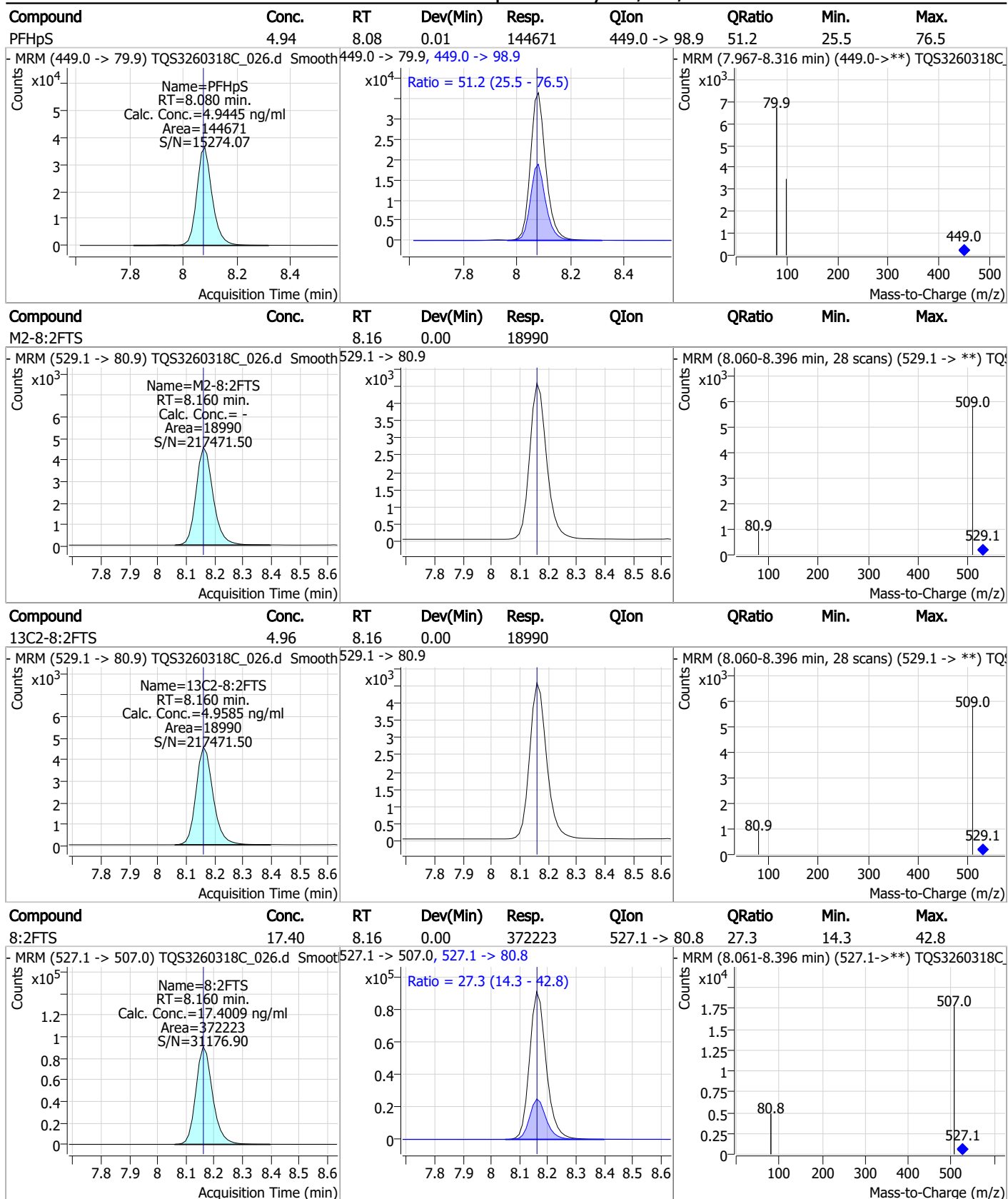
Perfluorinated Compounds by LC/MS/MS

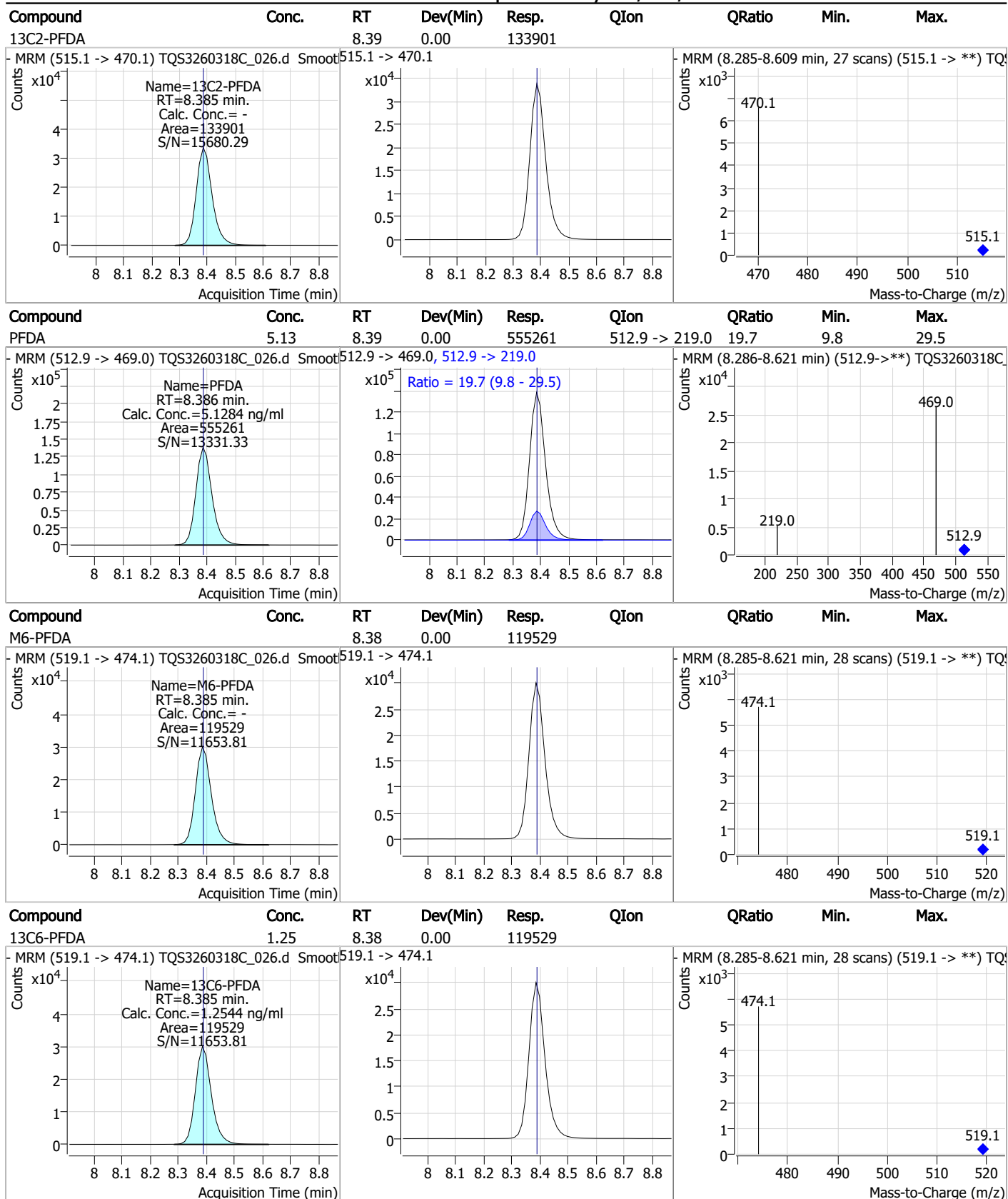


Perfluorinated Compounds by LC/MS/MS

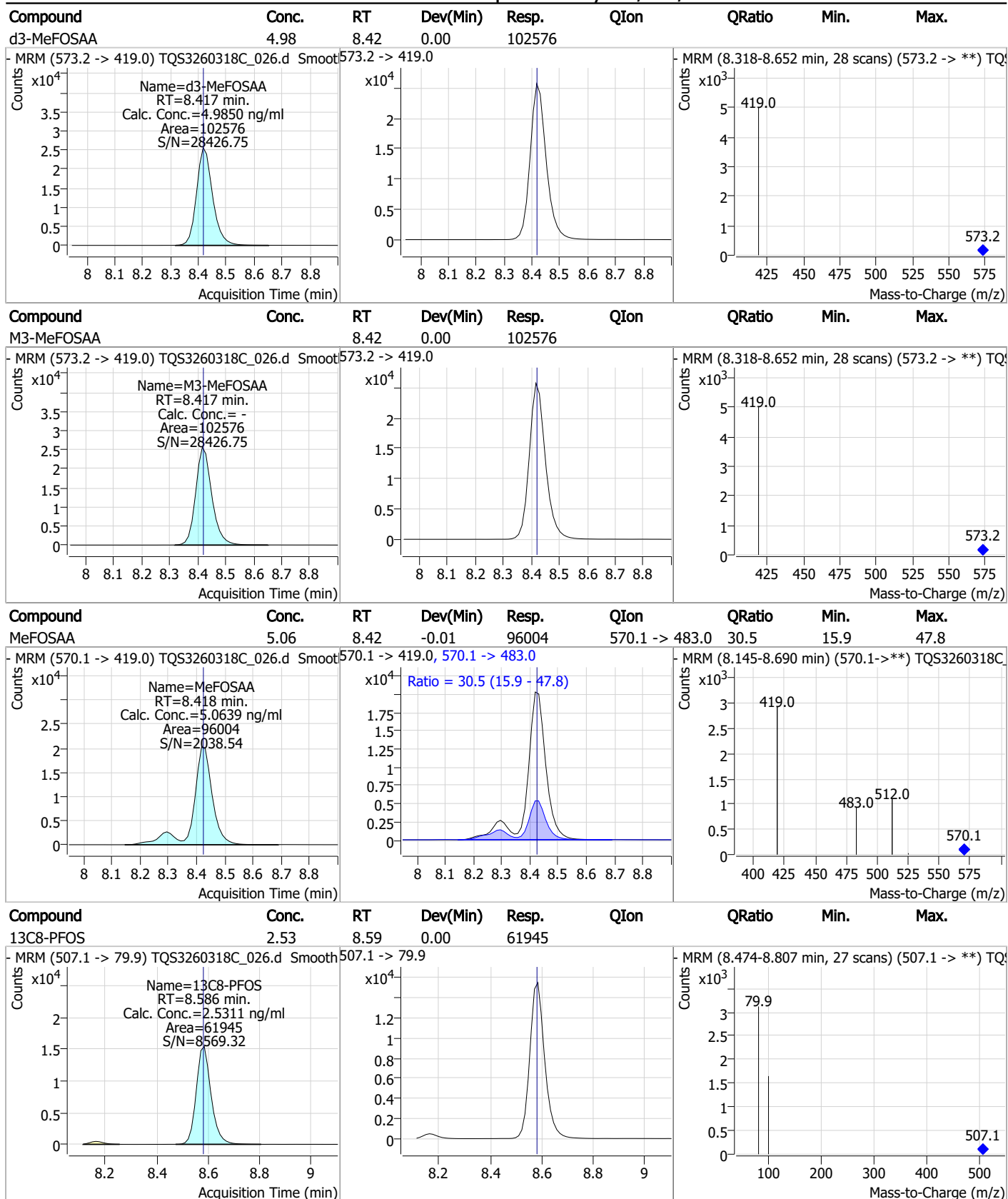


Perfluorinated Compounds by LC/MS/MS

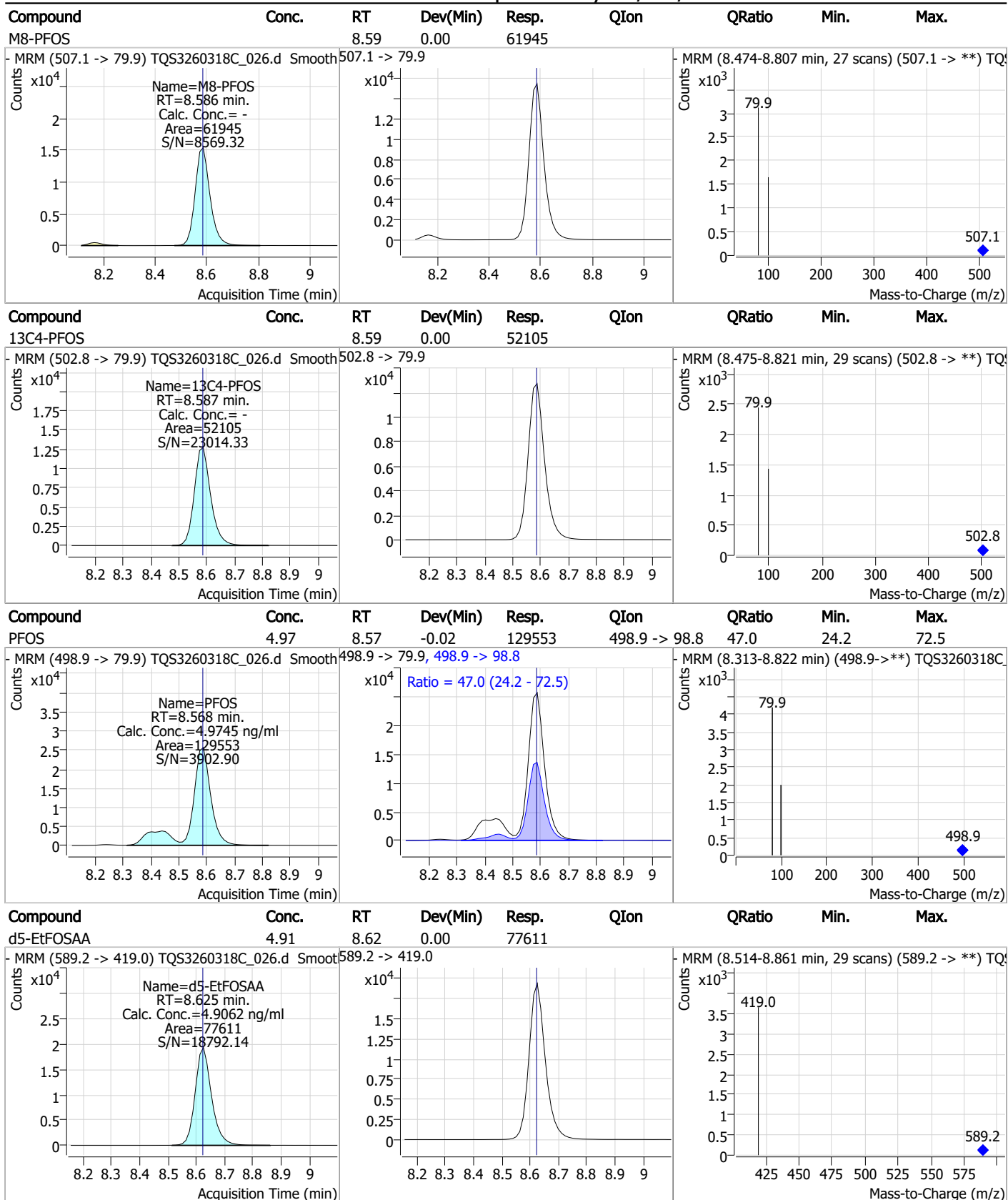




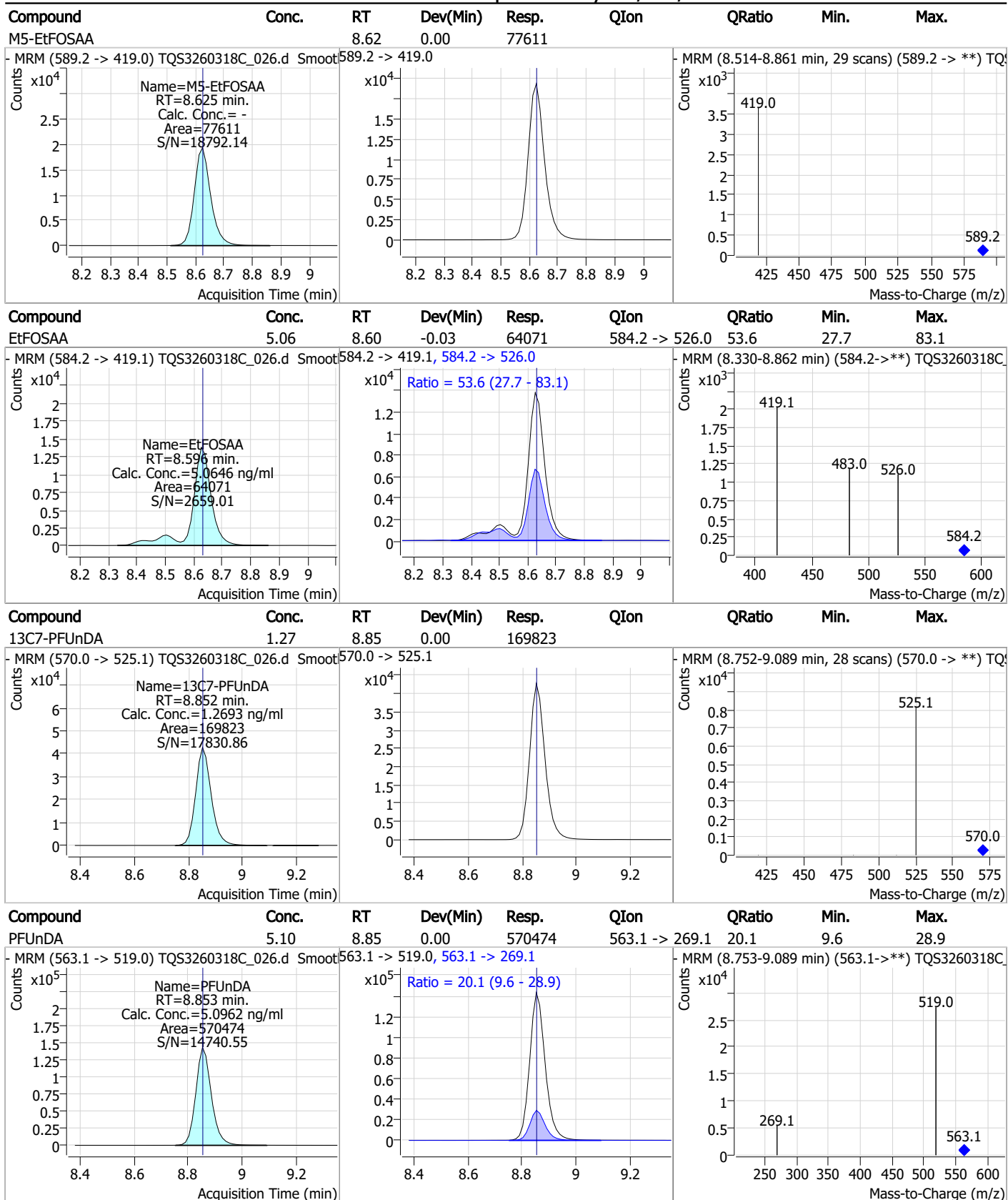
Perfluorinated Compounds by LC/MS/MS



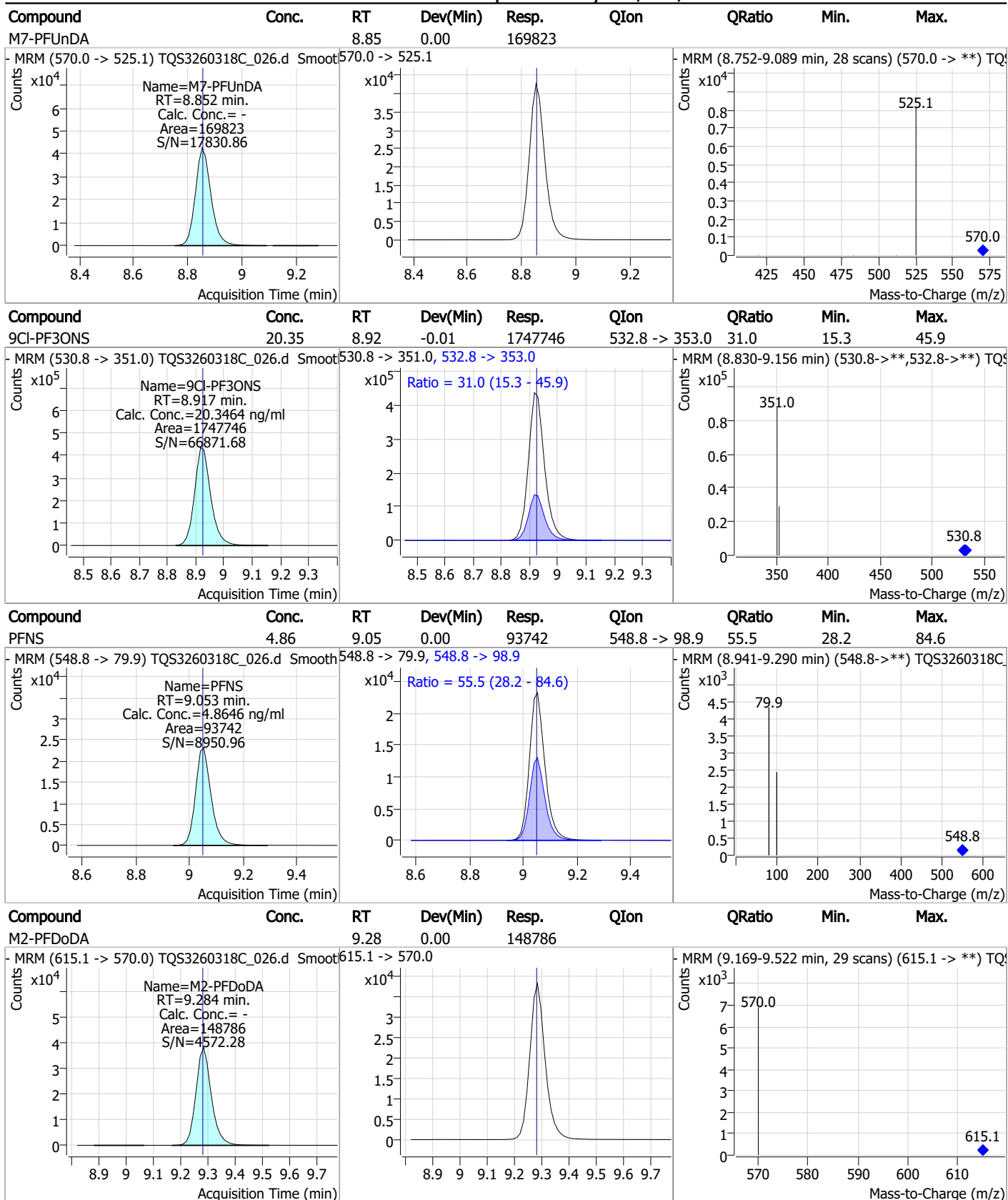
Perfluorinated Compounds by LC/MS/MS



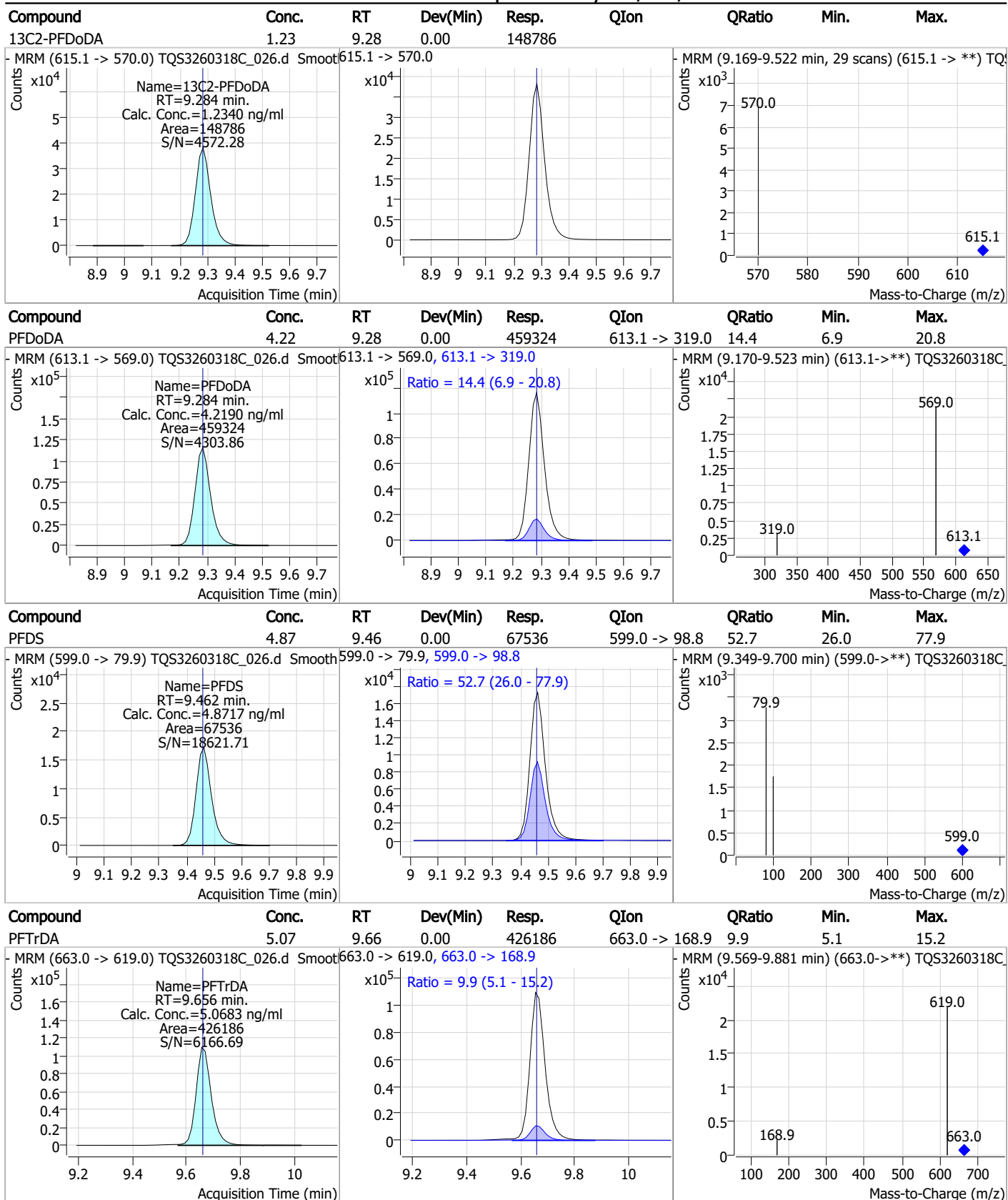
Perfluorinated Compounds by LC/MS/MS



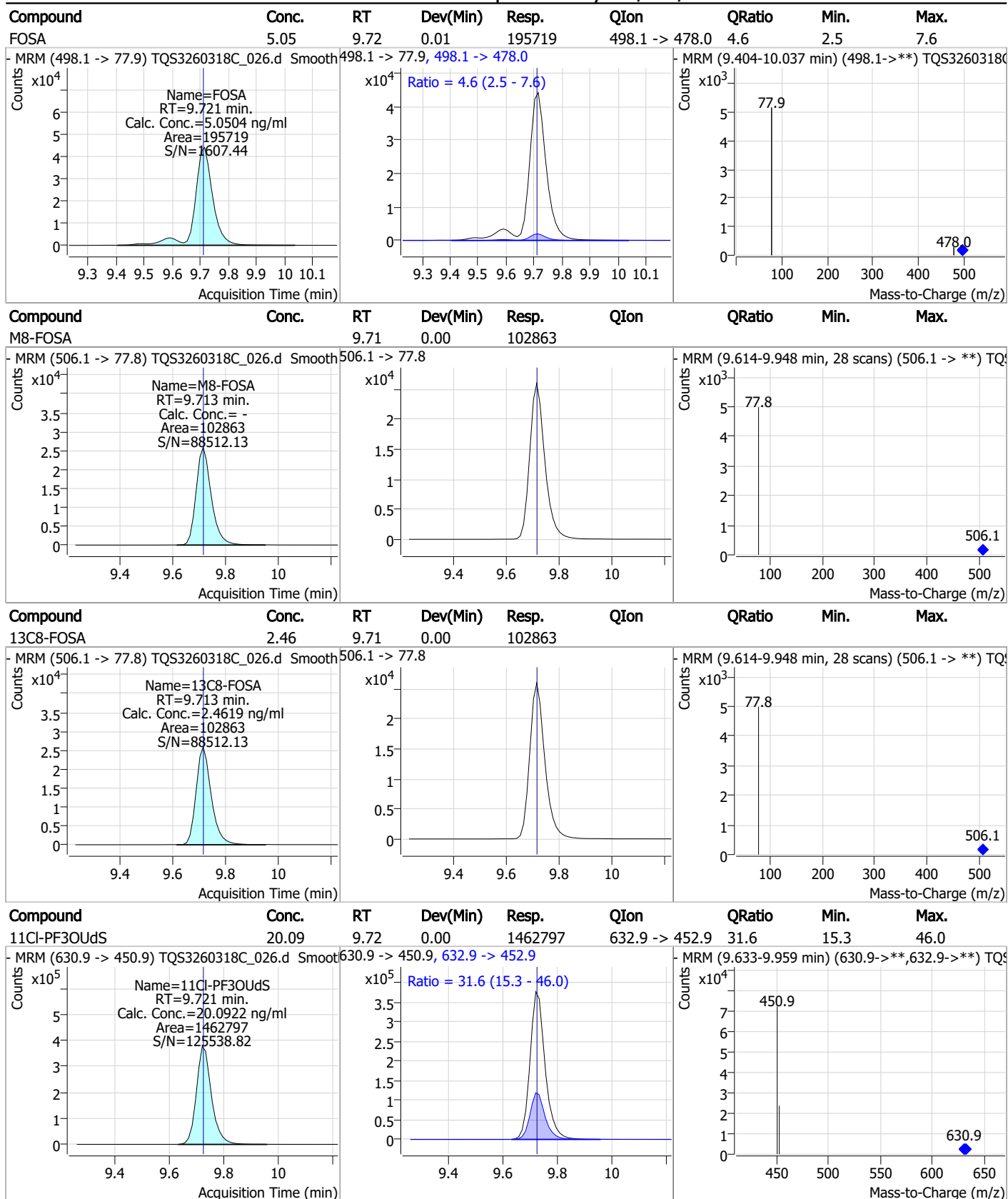
Perfluorinated Compounds by LC/MS/MS



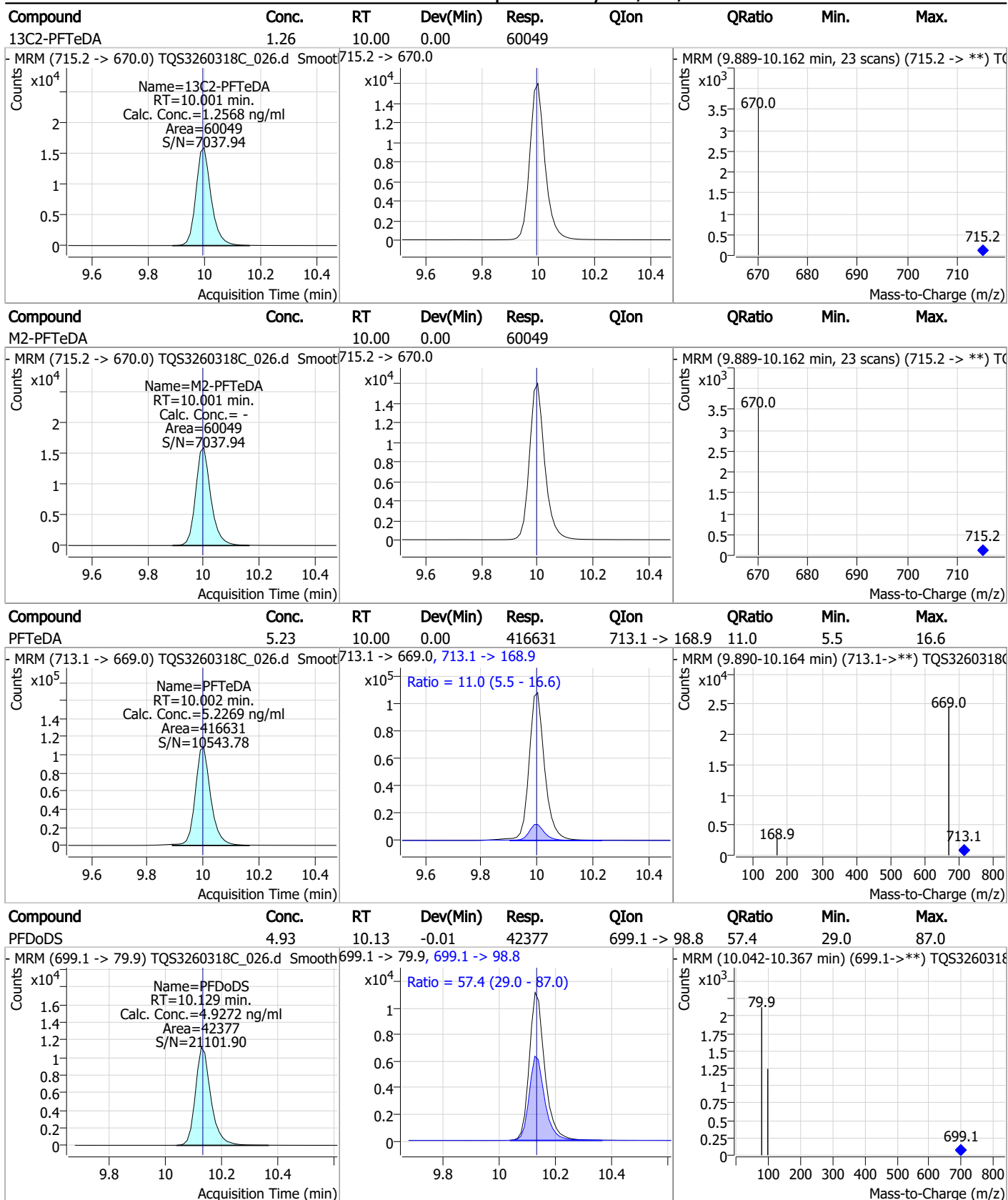
Perfluorinated Compounds by LC/MS/MS



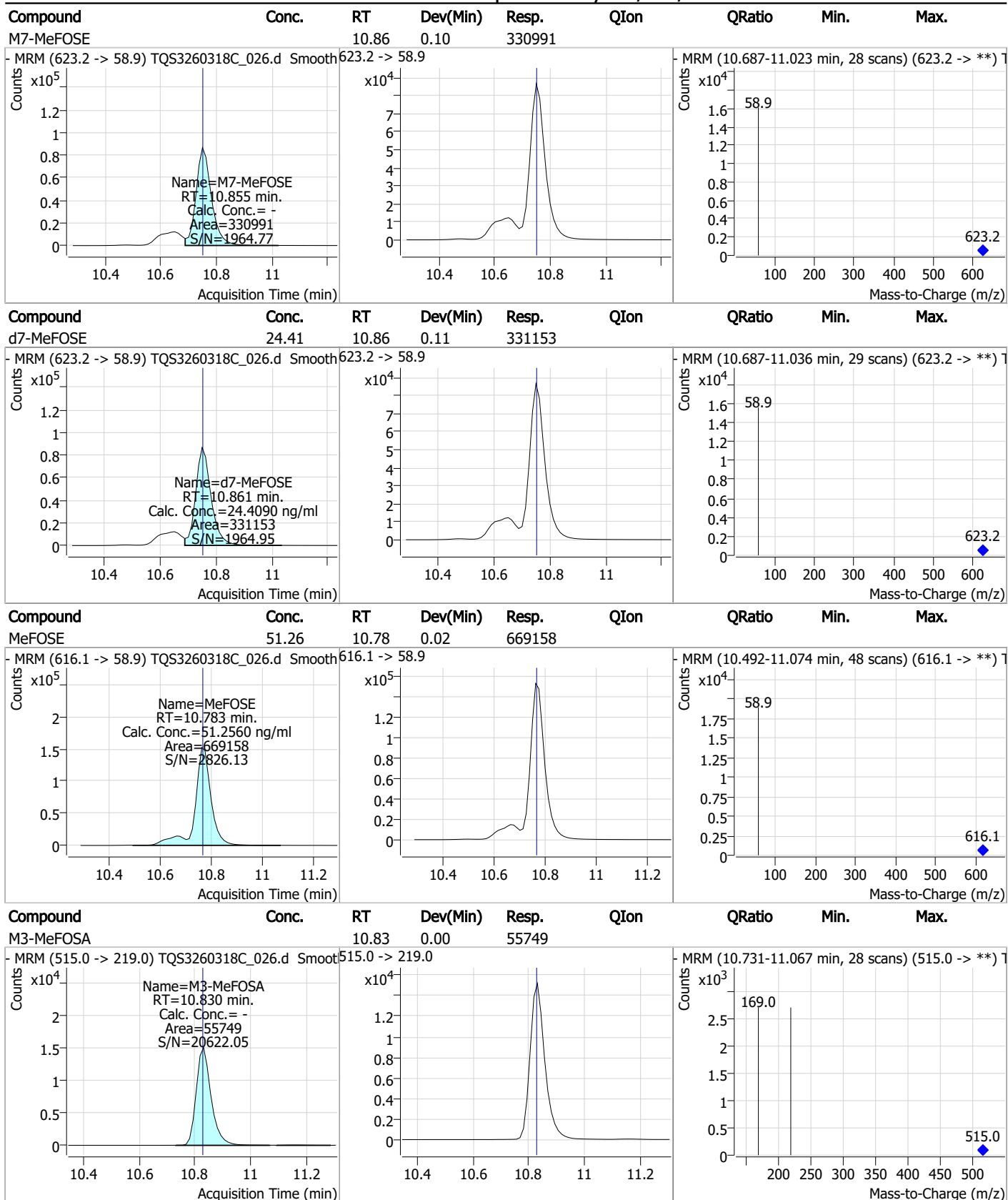
Perfluorinated Compounds by LC/MS/MS



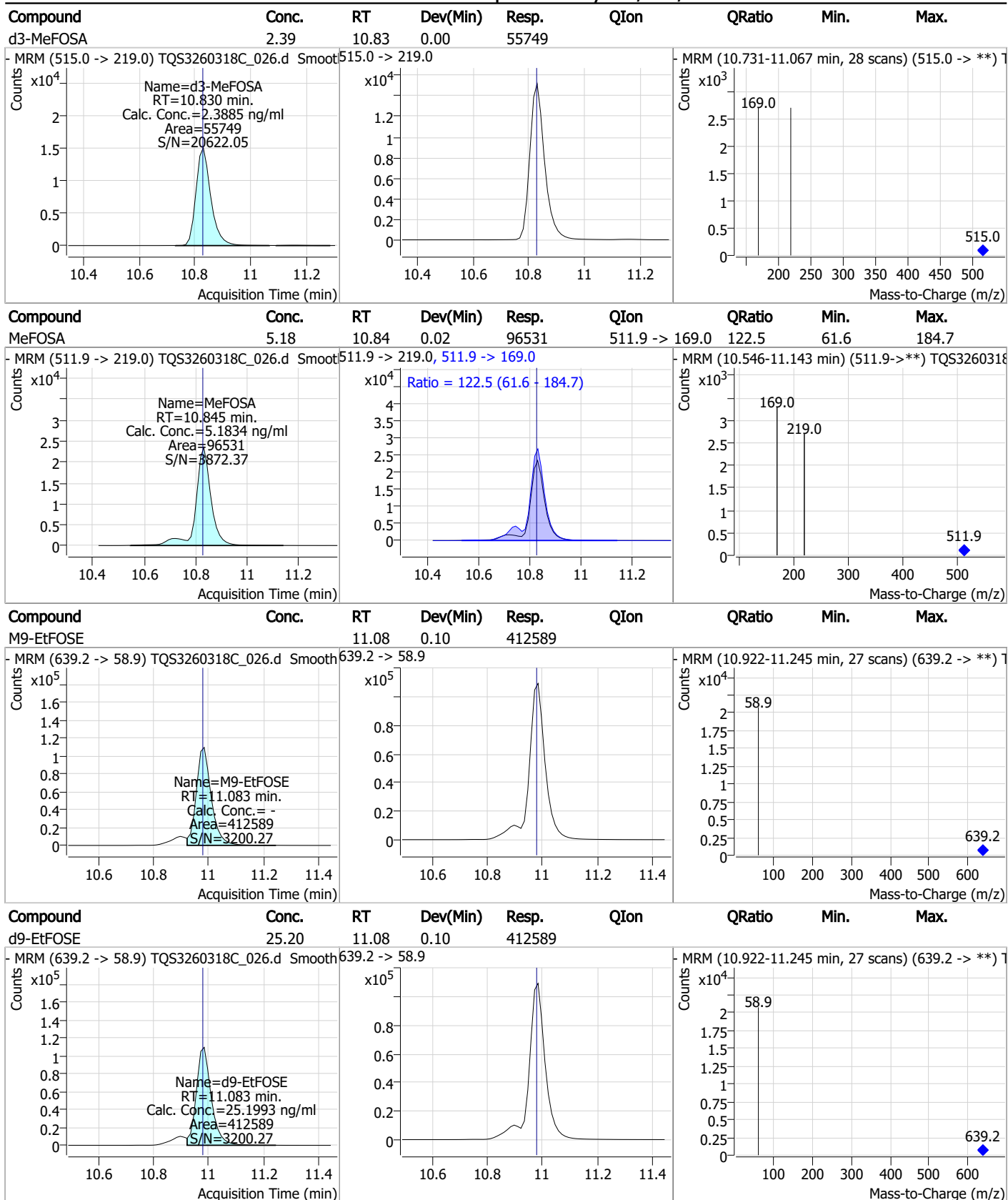
Perfluorinated Compounds by LC/MS/MS

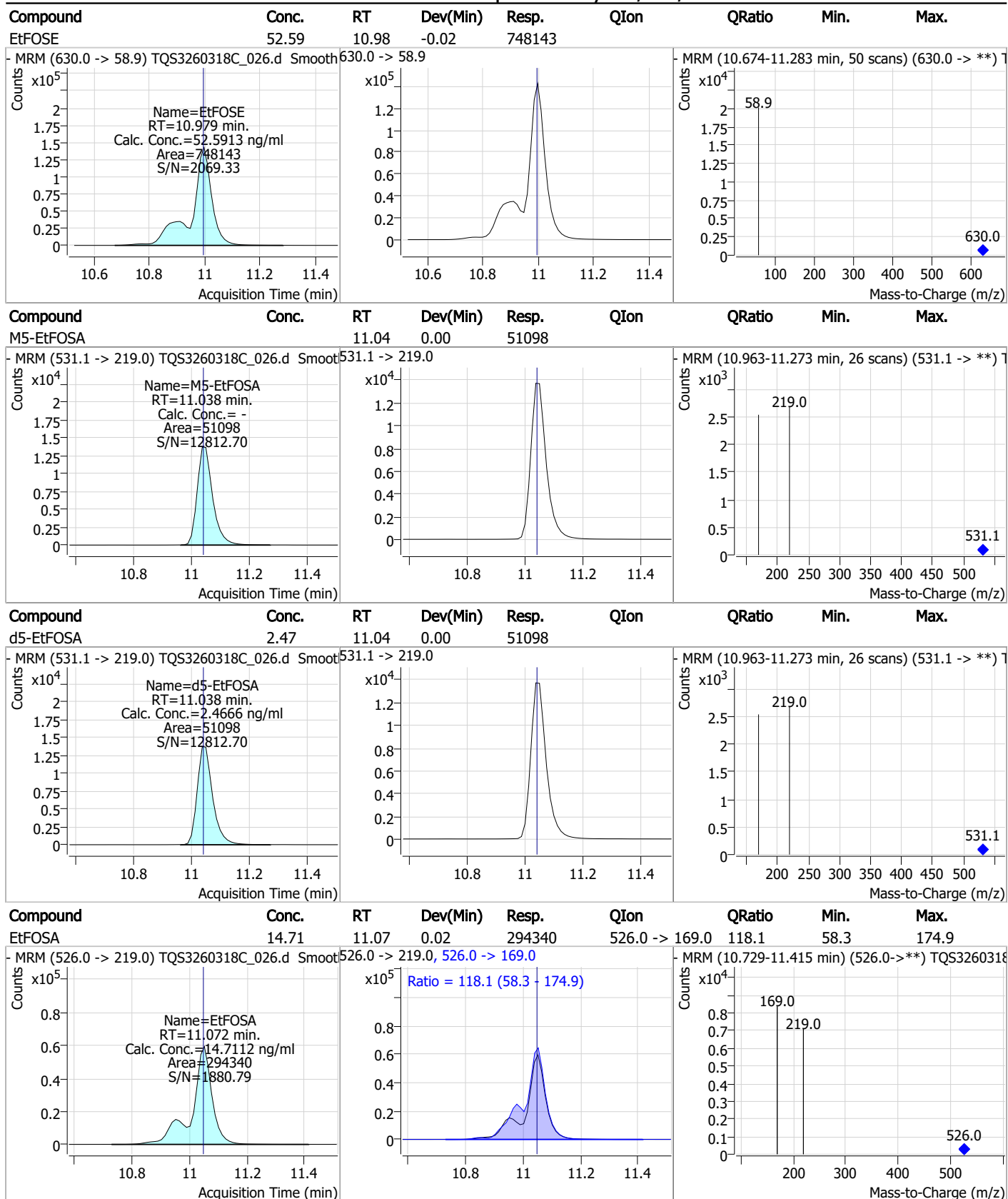


Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS





Data File : TQS3260318C_027.d
 Operator :
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 12:12:37 AM
 Sample Name : ICAL8
 Vial : P3-B1
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3913_ICAL_C_1633.batch.bin
 Sample Information : AXYS H 12.5ng/mL

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Internal Standards						
13C2-PFDA	8.385	515.1 -> 470.1	141742		1.25 ng/ml	0.000
13C2-PFHxA	5.857	315.1 -> 270.0	282905		2.50 ng/ml	-0.004
13C3-PFBA	3.165	216.0 -> 172.0	436043		5.00 ng/ml	-0.009
13C4-PFOA	7.369	417.1 -> 372.0	443735		2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	52032		2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	181586		1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	44804		2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	9651		5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	15855		5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	17721		5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	161481		1.25 ng/ml	0.003
M2-PFTeDA	10.001	715.2 -> 670.0	64986		1.25 ng/ml	0.004
M3-HFPO-DA	6.223	286.9 -> 168.9	350748		10.00 ng/ml	-0.012
M3-MeFOSA	10.830	515.0 -> 219.0	60324		2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	105968		5.00 ng/ml	-0.004
M3-PFBS	5.848	302.1 -> 79.9	100151		2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	73228		2.50 ng/ml	0.002
M4-PFBA	3.173	216.8 -> 171.9	1019951		10.00 ng/ml	0.000
M4-PFHpA	6.751	367.1 -> 322.0	284711		2.50 ng/ml	0.002
M5-EtFOSA	11.038	531.1 -> 219.0	52587		2.50 ng/ml	-0.004
M5-EtFOSAA	8.625	589.2 -> 419.0	80499		5.00 ng/ml	-0.001
M5-PFHxA	5.856	318.0 -> 273.0	318641		2.50 ng/ml	-0.006
M5-PFPeA	4.637	268.3 -> 223.0	463170		5.00 ng/ml	-0.005
M6-PFDA	8.385	519.1 -> 474.1	127093		1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	347813		25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	175561		1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	102499		2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	409565		2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	60357		2.50 ng/ml	0.002
M9-EtFOSE	11.083	639.2 -> 58.9	431915		25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	180235		1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	9651		3.97 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 79.4%	
13C2-6:2FTS	7.130	429.1 -> 80.9	15855		4.18 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 83.6%	
13C2-8:2FTS	8.160	529.1 -> 80.9	17721		4.29 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 85.8%	
13C2-PFDoDA	9.284	615.1 -> 570.0	161481		1.27 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 101.2%	
13C2-PFTeDA	10.001	715.2 -> 670.0	64986		1.28 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 102.8%	
13C3-HFPO-DA	6.223	286.9 -> 168.9	350748		9.96 ng/ml	-0.012
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 99.6%	
d3-MeFOSA	10.830	515.0 -> 219.0	60324		2.59 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 103.5%	
d3-MeFOSAA	8.417	573.2 -> 419.0	105968	5.16 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 103.1%	
13C3-PFBS	5.848	302.1 -> 79.9	100151	2.53 ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 101.3%	
13C3-PFHxS	7.523	402.1 -> 79.9	73228	2.46 ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 98.6%	
13C4-PFBA	3.170	216.8 -> 171.9	1028506	9.99 ng/ml	-0.002
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 99.9%	
13C4-PFHpA	6.751	367.1 -> 322.0	284711	2.51 ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 100.4%	
d5-EtFOSA	11.038	531.1 -> 219.0	52587	2.54 ng/ml	-0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 101.7%	
d5-EtFOSAA	8.625	589.2 -> 419.0	80499	5.10 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 101.9%	
13C5-PFHxA	5.856	318.0 -> 273.0	318641	2.49 ng/ml	-0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 99.5%	
13C5-PFPeA	4.637	268.3 -> 223.0	463170	5.03 ng/ml	-0.003
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 100.6%	
13C6-PFDA	8.385	519.1 -> 474.1	127093	1.26 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 100.8%	
d7-MeFOSE	10.861	623.2 -> 58.9	348039	25.69 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%			Recovery = 102.8%	
13C7-PFUnDA	8.852	570.0 -> 525.1	175561	1.24 ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 99.2%	
13C8-FOSA	9.713	506.1 -> 77.8	102499	2.46 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 98.3%	
13C8-PFOA	7.369	421.1 -> 376.0	409565	2.49 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 99.7%	
13C8-PFOS	8.586	507.1 -> 79.9	60357	2.47 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 98.8%	
d9-EtFOSE	11.083	639.2 -> 58.9	431915	26.42 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%			Recovery = 105.7%	
13C9-PFNA	7.899	472.1 -> 427.0	180235	1.26 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 100.8%	

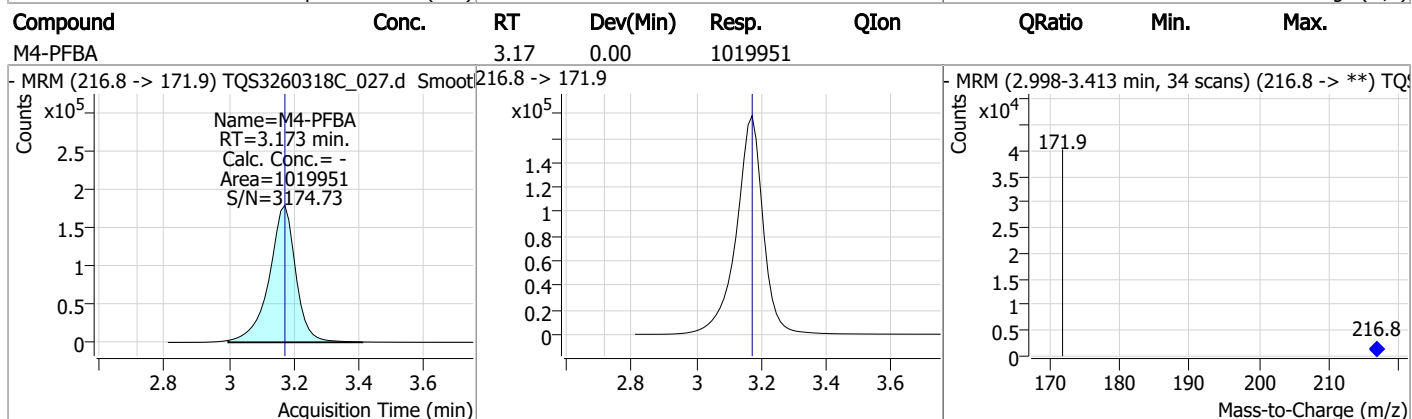
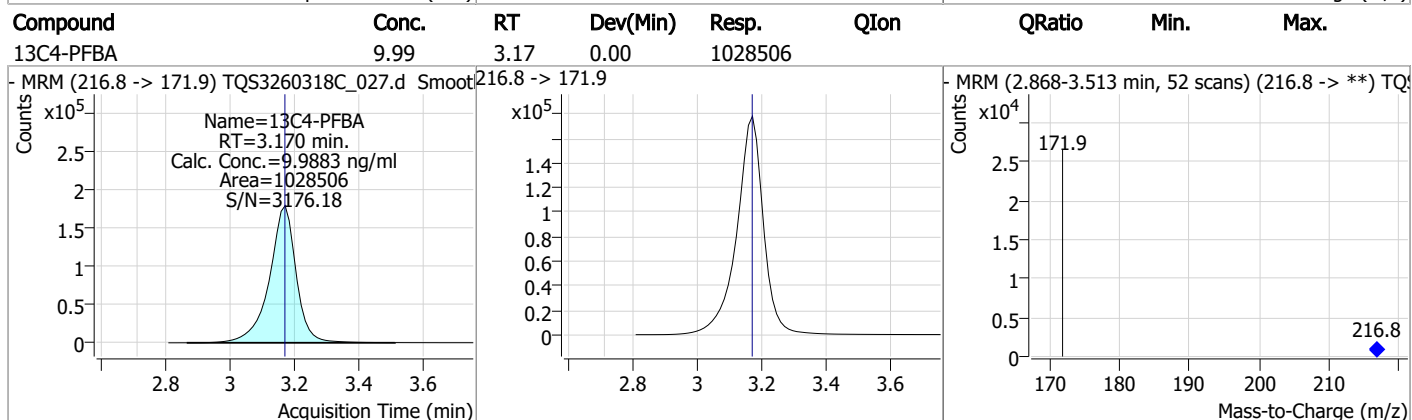
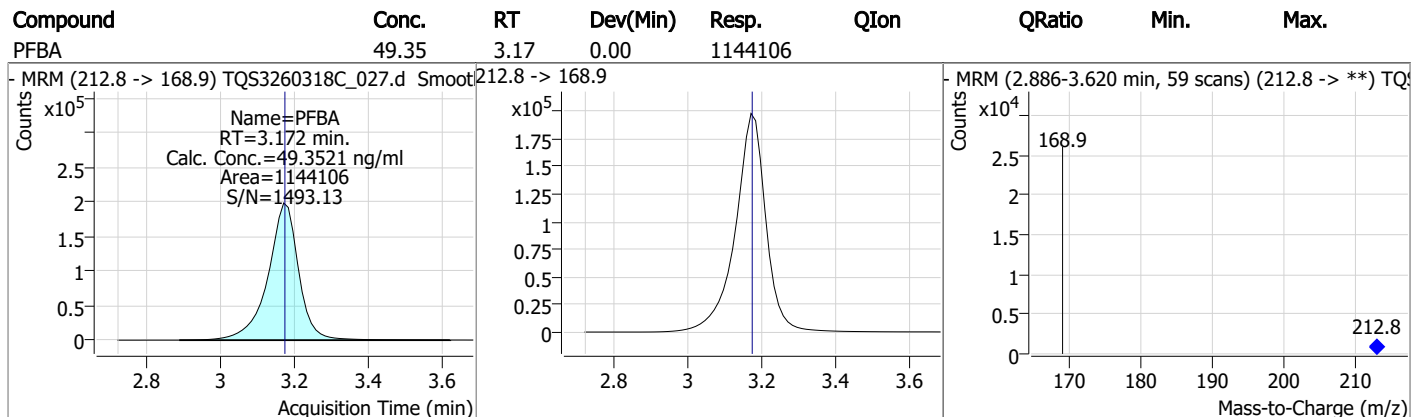
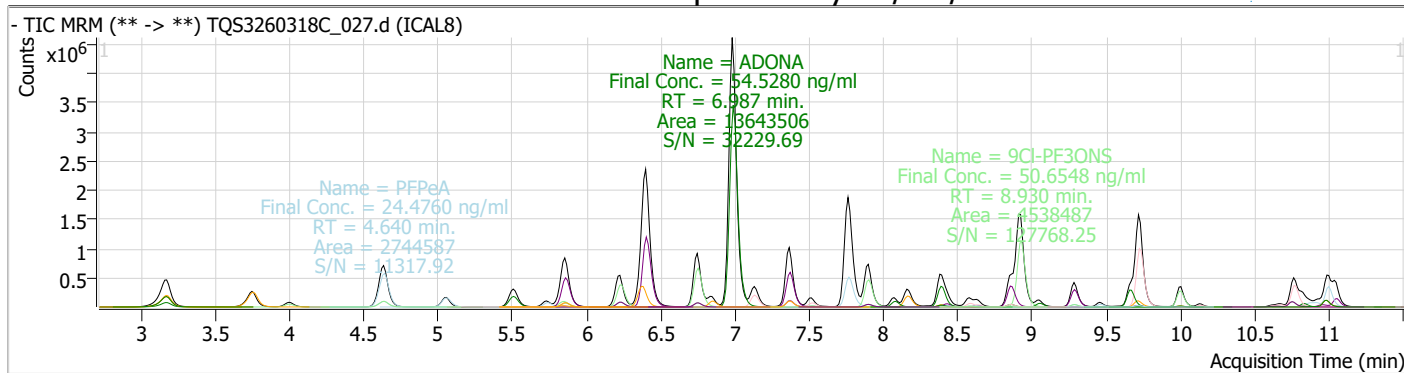
Target Compounds

					QValue
11CI-PF3OUdS	9.721	630.9 -> 450.9	3906485	51.44 ng/ml	99
TDCA	-	498.9 -> 79.9	-	N.D.	
3:3 FTCA	3.997	241.0 -> 177.0	232076	52.07 ng/ml	99
4:2FTS	5.508	327.1 -> 307.0	845036	49.07 ng/ml	98
5:3 FTCA	6.402	341.0 -> 237.1	5107679	326.96 ng/ml	98
6:2FTS	7.131	427.1 -> 407.0	848538	43.41 ng/ml	100
7:3 FTCA	7.766	441.0 -> 316.9	2184658	317.98 ng/ml	99
8:2FTS	8.160	527.1 -> 507.0	802946	40.22 ng/ml	99
9CI-PF3ONS	8.930	530.8 -> 351.0	4538487	50.65 ng/ml	100
ADONA	6.987	376.9 -> 250.9	13643506	54.53 ng/ml	96
EtFOSA	11.072	526.0 -> 219.0	732535	35.58 ng/ml	100
EtFOSAA	8.596	584.2 -> 419.1	174713	13.31 ng/ml	99
EtFOSE	10.979	630.0 -> 58.9	1805388	121.23 ng/ml	100
FOSA	9.721	498.1 -> 77.9	473771	12.27 ng/ml	99
HFPO-DA	6.236	284.9 -> 168.9	1612831	50.35 ng/ml	100
MeFOSA	10.845	511.9 -> 219.0	249215	12.37 ng/ml	99
MeFOSAA	8.418	570.1 -> 419.0	254149	12.98 ng/ml	99
MeFOSE	10.783	616.1 -> 58.9	1641564	119.66 ng/ml	100
NFDHA	5.740	295.0 -> 201.0	320522	26.13 ng/ml	100
PFBA	3.172	212.8 -> 168.9	1144106	49.35 ng/ml	100

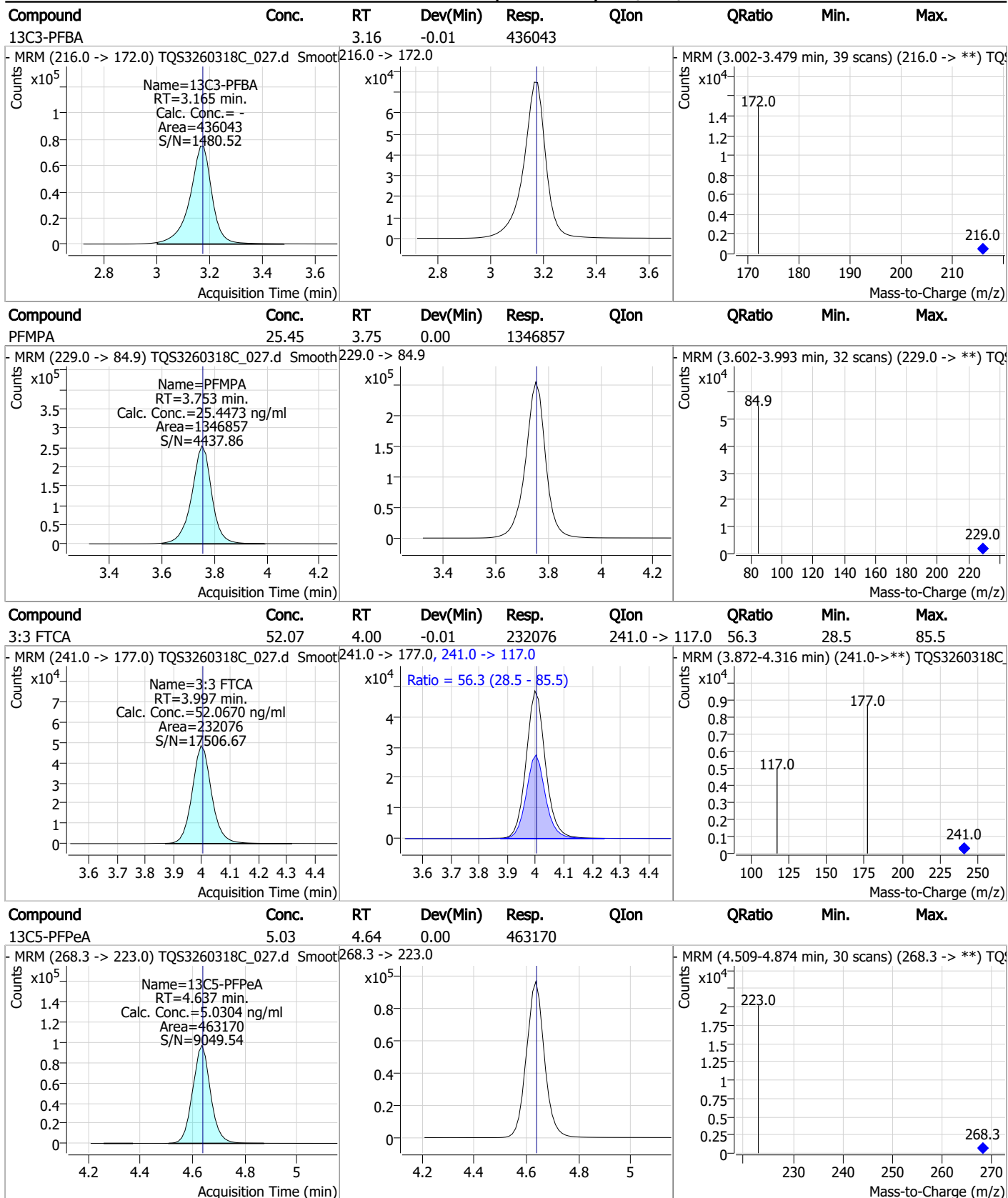
Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	451369	12.37 ng/ml	100
PFDA	8.386	512.9 -> 469.0	1433308	12.45 ng/ml	100
PFDoDA	9.284	613.1 -> 569.0	1174900	9.94 ng/ml	97
PFDoDS	10.129	699.1 -> 79.9	112628	13.44 ng/ml	97
PFDS	9.462	599.0 -> 79.9	176960	13.10 ng/ml	100
PFEESA	6.368	314.8 -> 134.9	1574622	12.71 ng/ml	99
PFHpA	6.751	363.1 -> 319.0	2660223	12.20 ng/ml	100
PFHpS	8.080	449.0 -> 79.9	384705	13.49 ng/ml	99
PFHxA	5.859	313.0 -> 269.0	2157126	11.91 ng/ml	100
PFHxS	7.504	398.7 -> 79.9	326103	13.99 ng/ml	99
PFMBA	5.065	279.0 -> 85.1	739941	12.56 ng/ml	100
PFMPA	3.753	229.0 -> 84.9	1346857	25.45 ng/ml	100
PFNA	7.900	463.0 -> 419.0	1897460	12.32 ng/ml	99
PFNS	9.053	548.8 -> 79.9	252053	13.42 ng/ml	100
PFOA	7.371	413.0 -> 369.0	2357111	12.31 ng/ml	99
PFOS	8.568	498.9 -> 79.9	319644	12.60 ng/ml	98
PFPeA	4.640	263.0 -> 219.0	2744587	24.48 ng/ml	100
PFPeS	6.853	349.1 -> 79.9	417337	13.12 ng/ml	98
PFTeDA	10.002	713.1 -> 669.0	1060595	12.29 ng/ml	100
PFTTrDA	9.656	663.0 -> 619.0	1142301	12.52 ng/ml	100
PFUnDA	8.853	563.1 -> 519.0	1455969	12.58 ng/ml	99

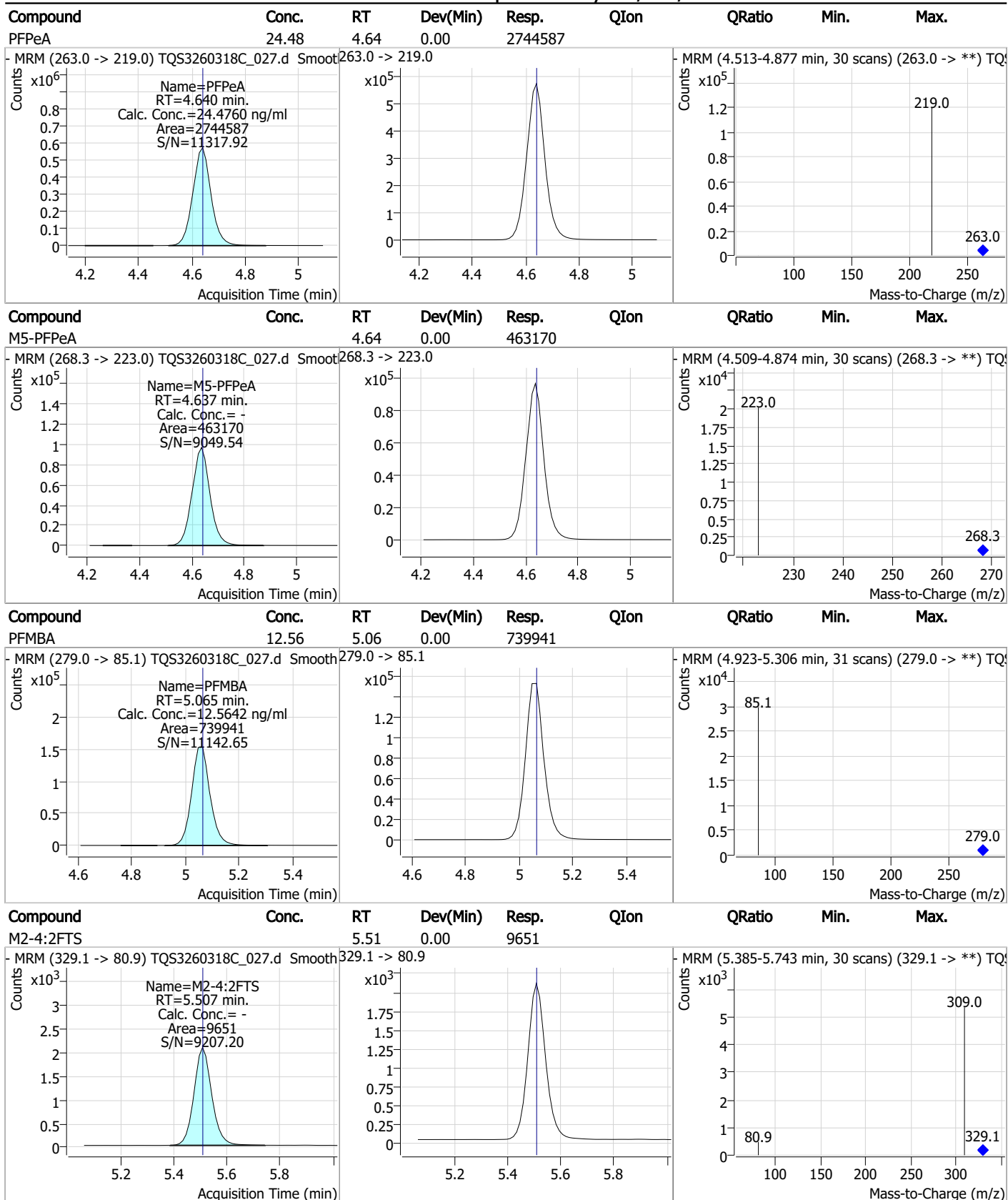
= Qualifier out of range, m = manually integrated, + = Area summed



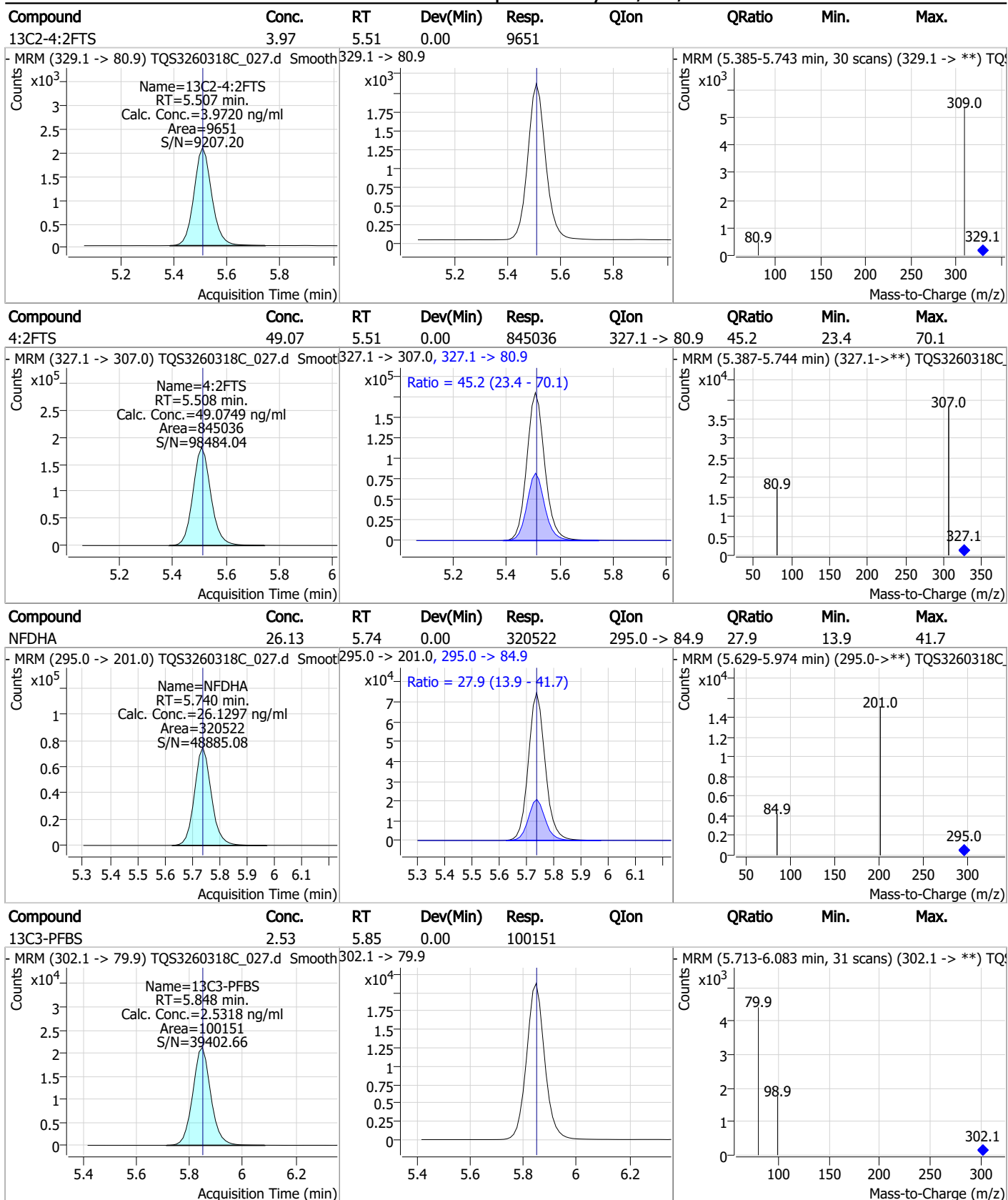
Perfluorinated Compounds by LC/MS/MS



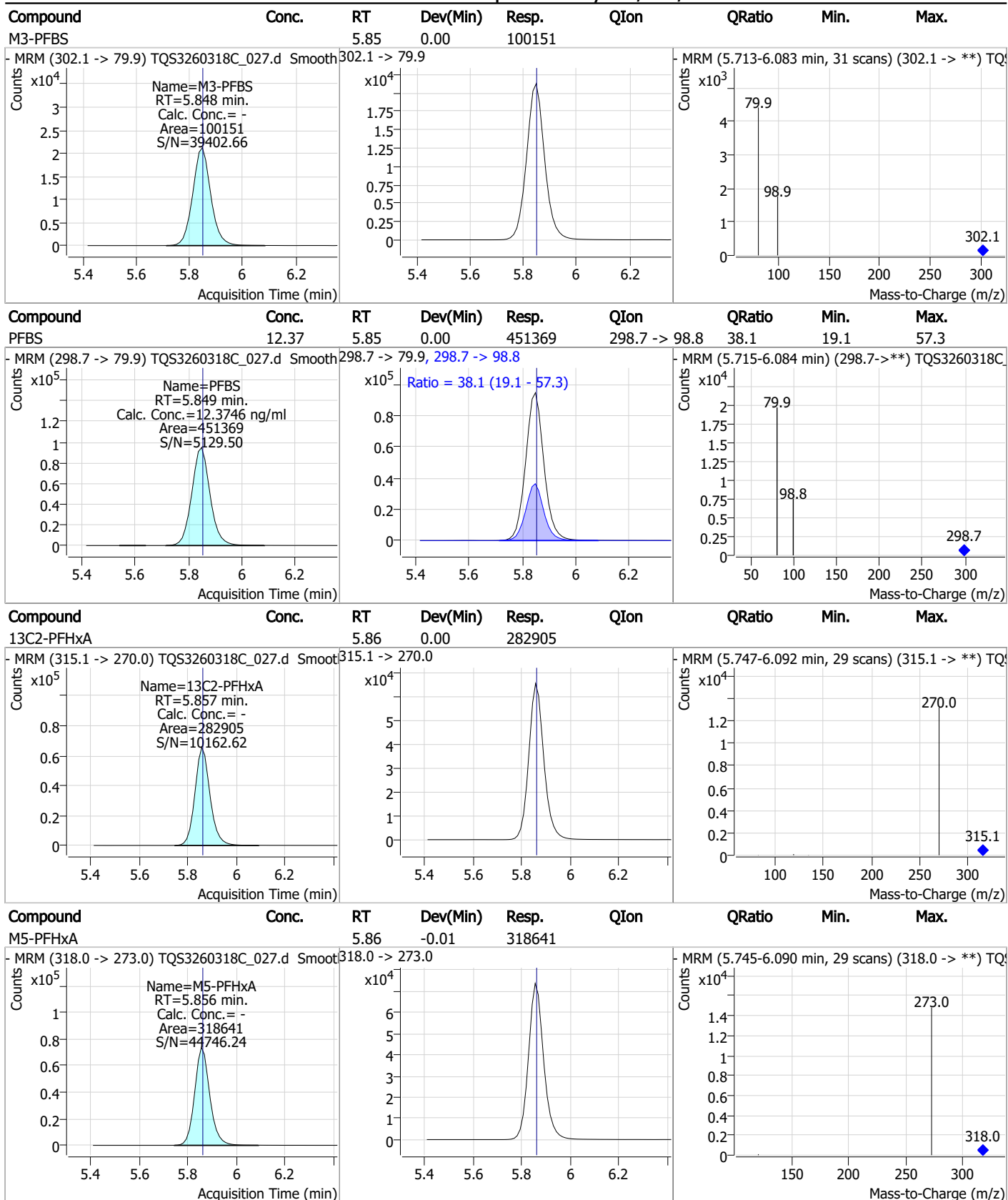
Perfluorinated Compounds by LC/MS/MS



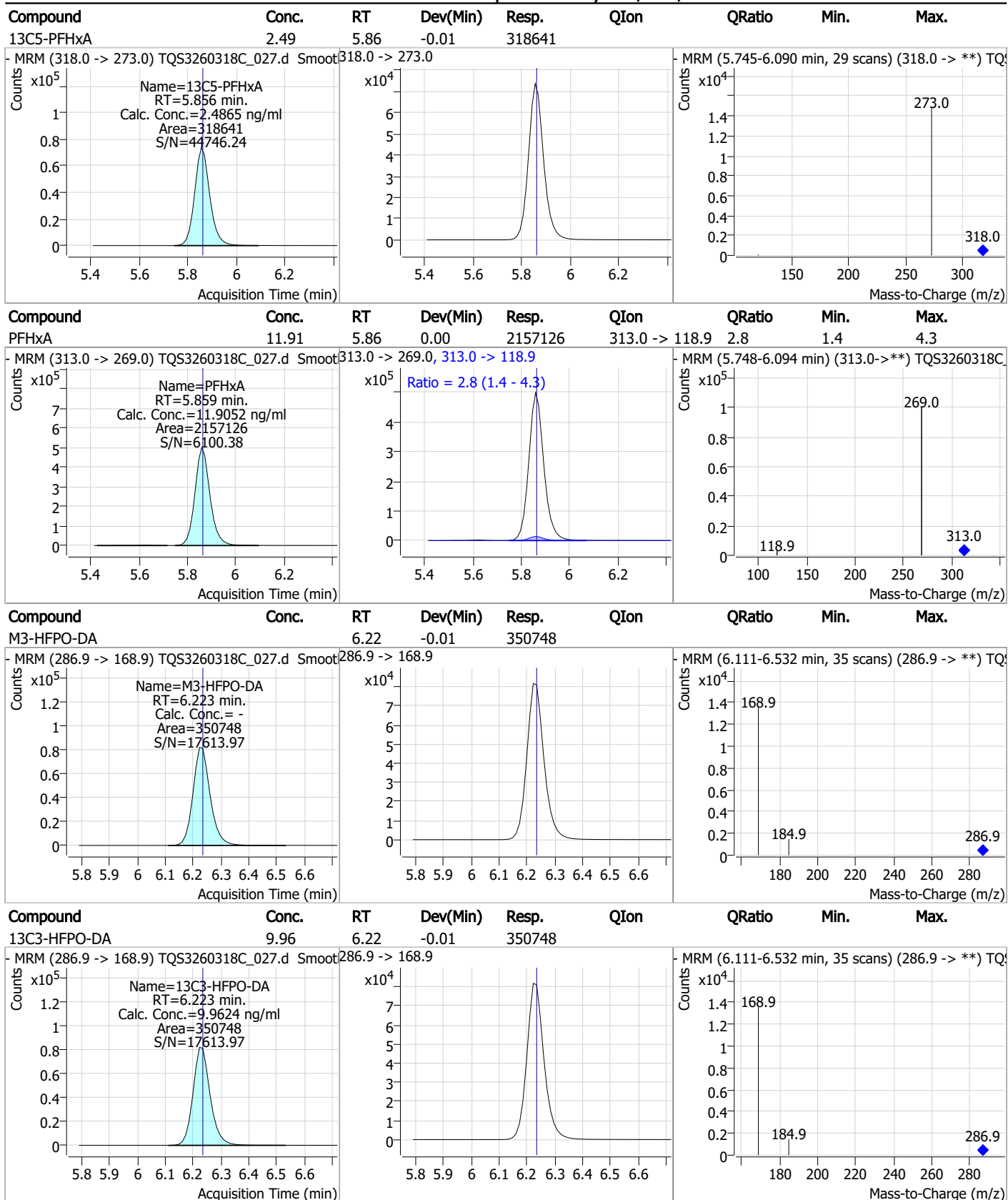
Perfluorinated Compounds by LC/MS/MS



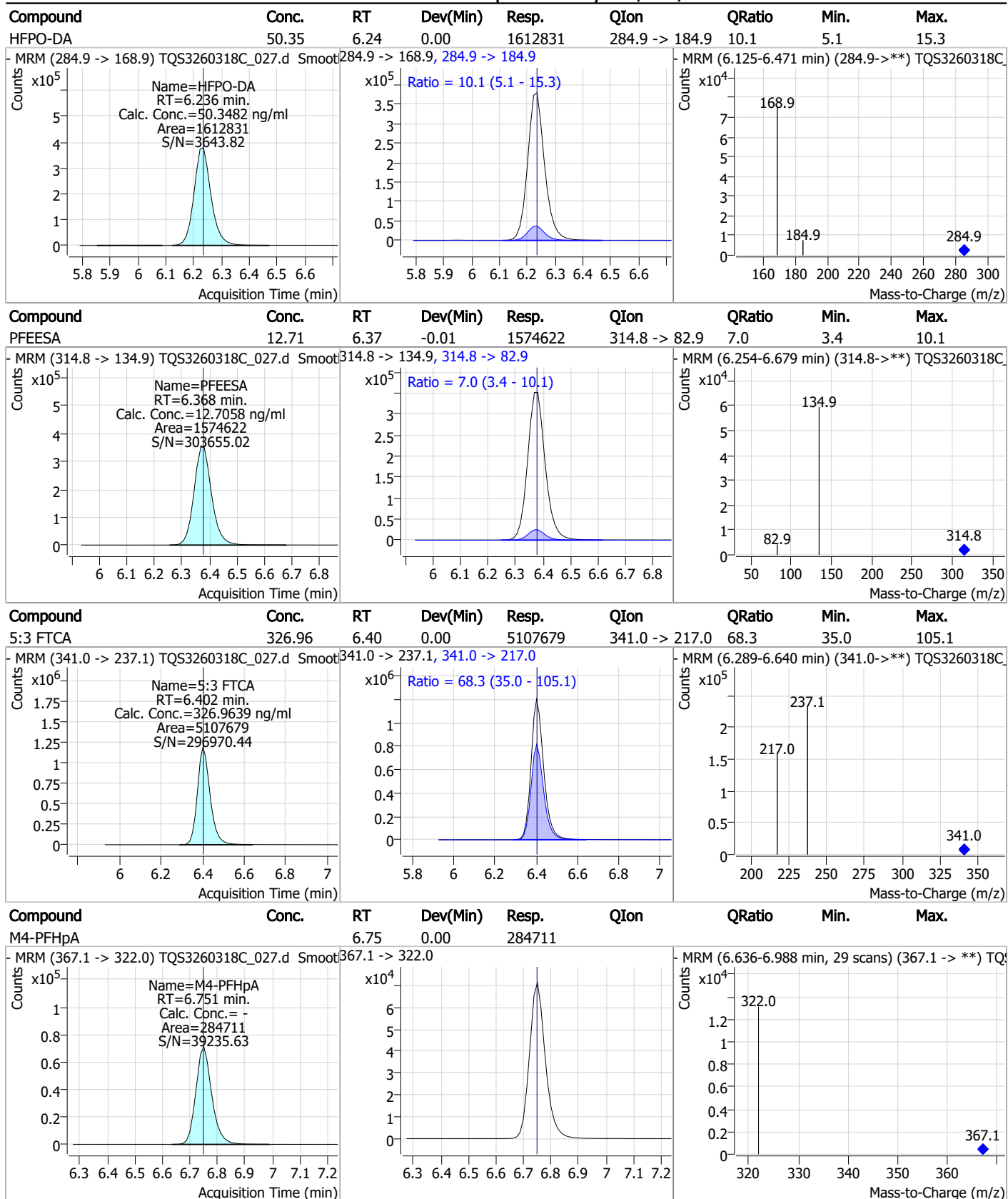
Perfluorinated Compounds by LC/MS/MS



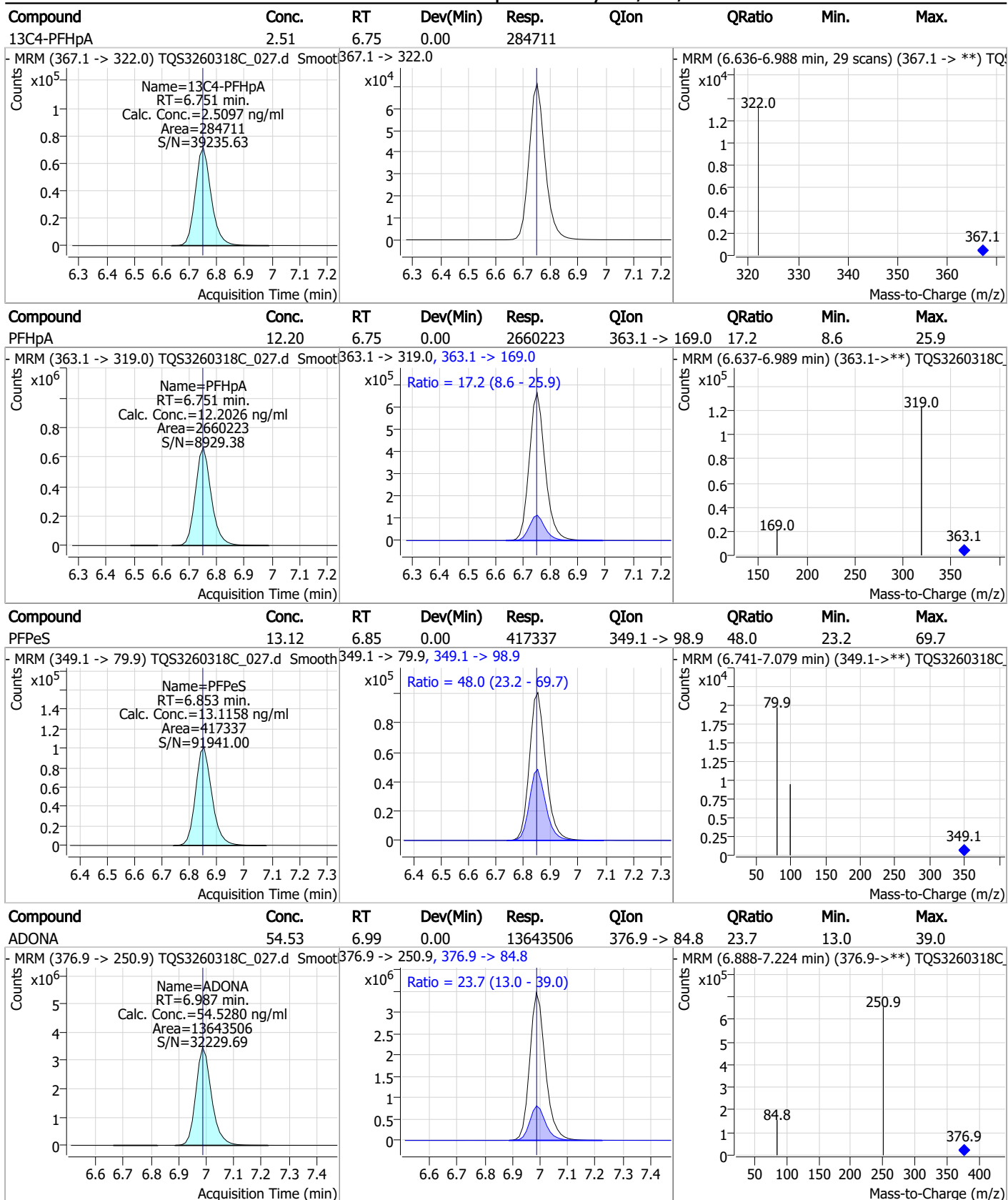
Perfluorinated Compounds by LC/MS/MS



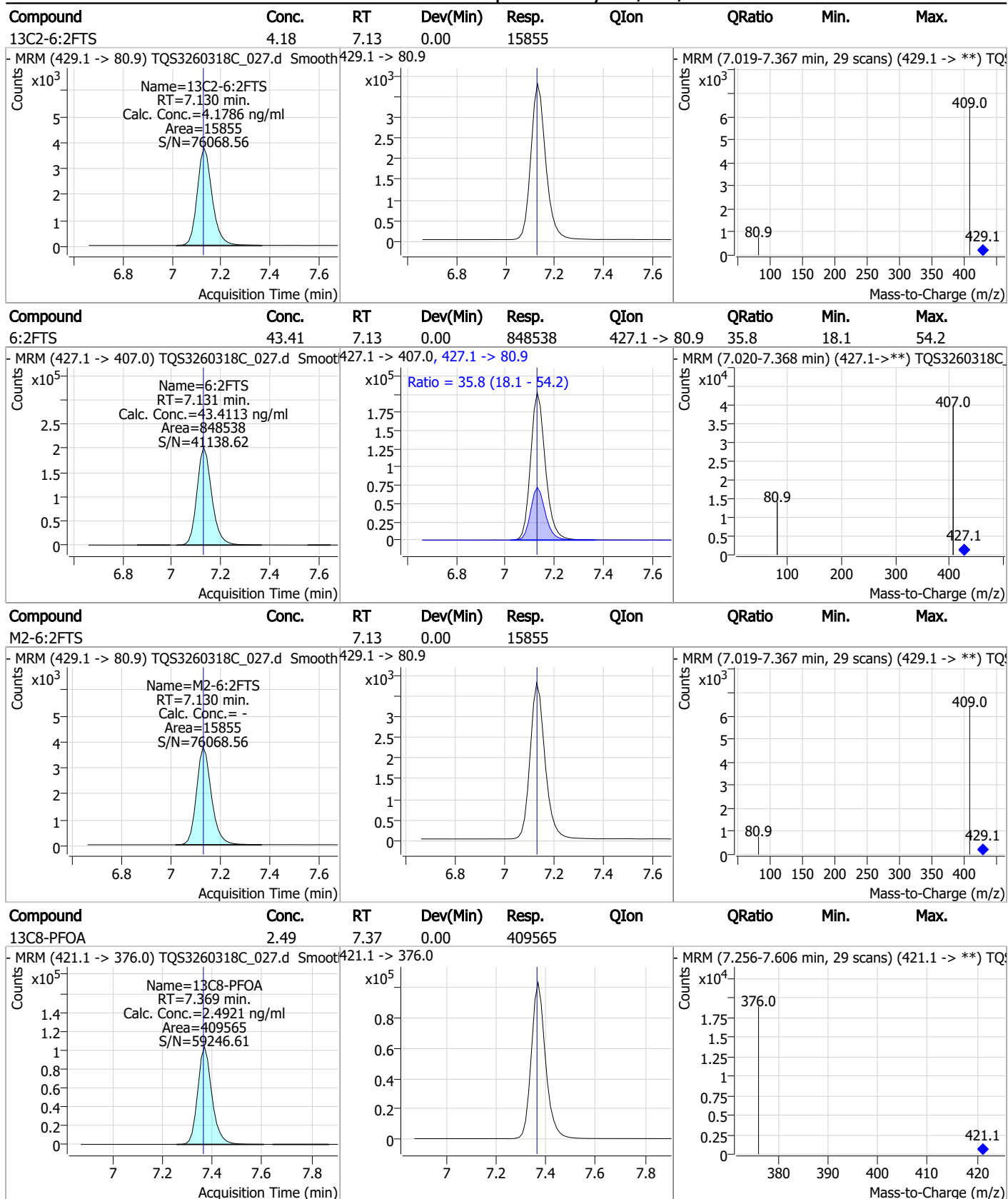
Perfluorinated Compounds by LC/MS/MS



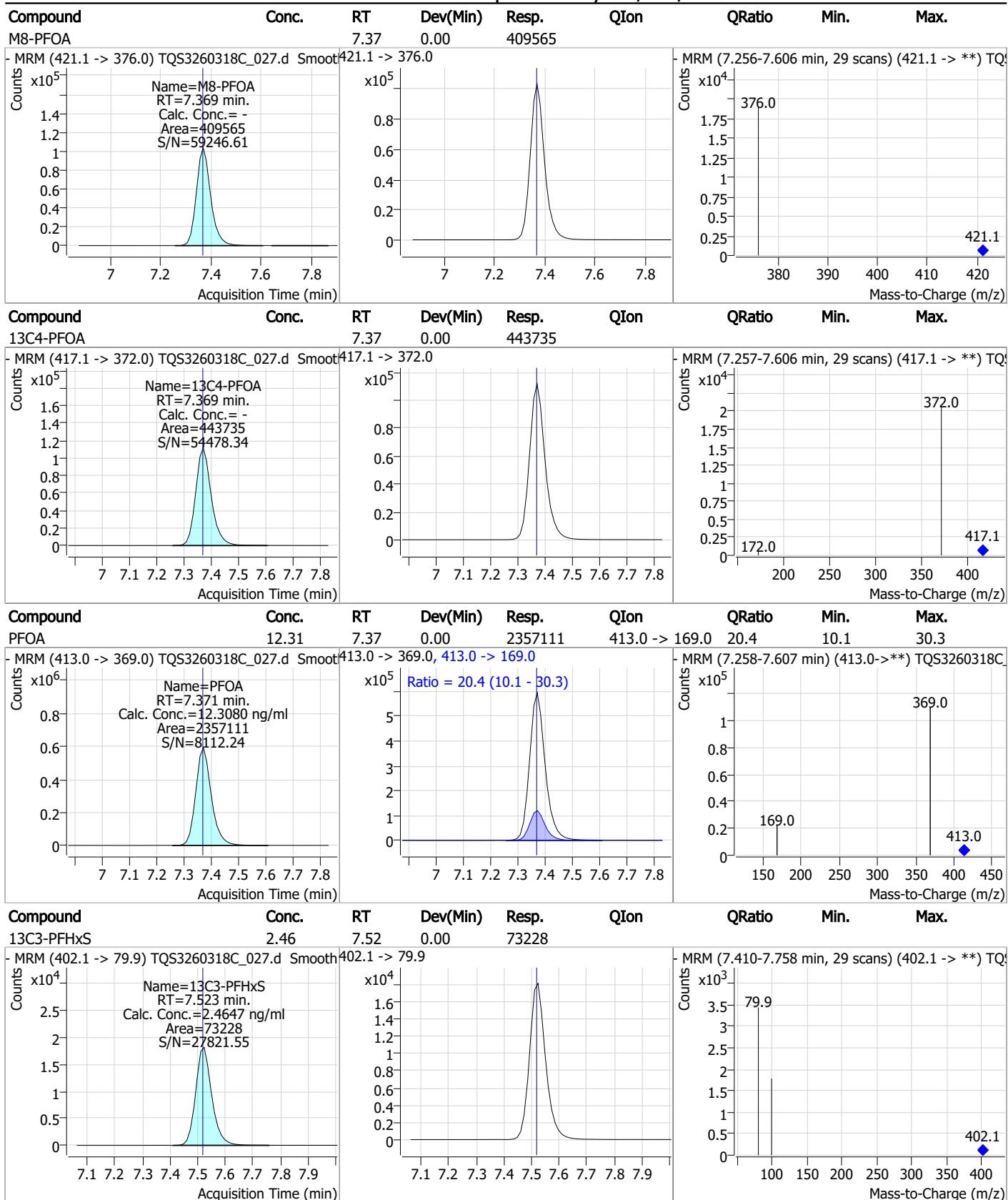
Perfluorinated Compounds by LC/MS/MS



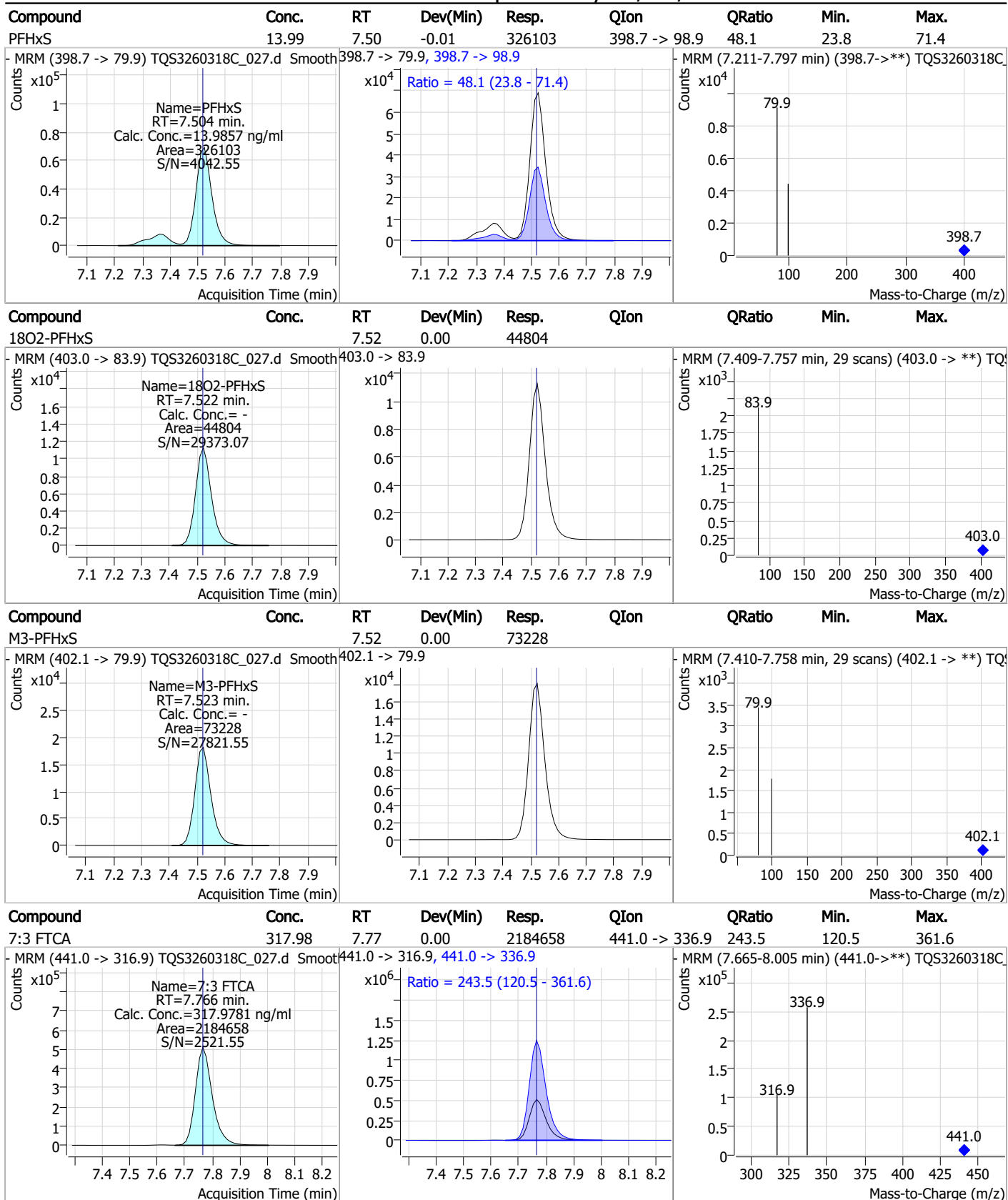
Perfluorinated Compounds by LC/MS/MS



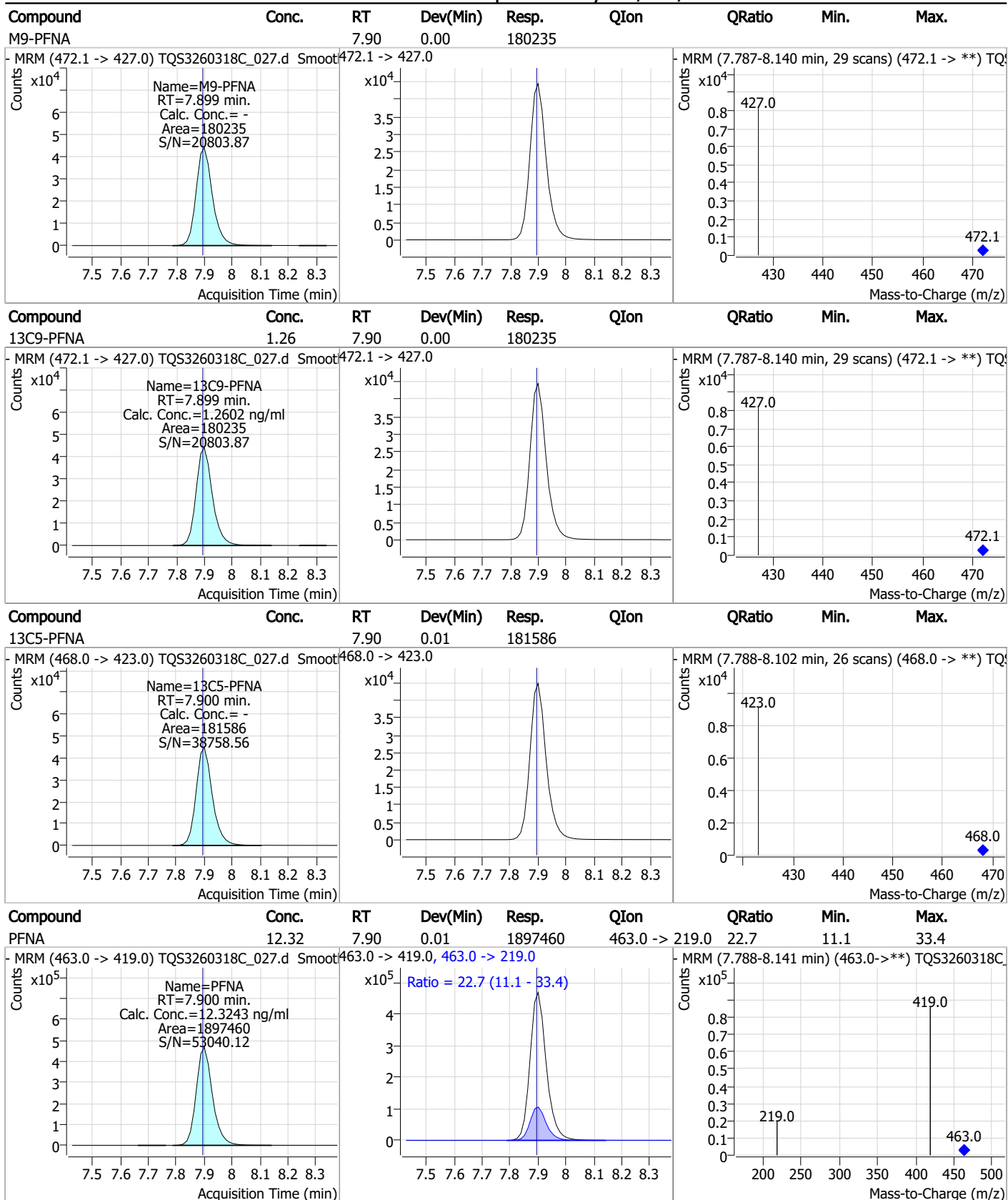
Perfluorinated Compounds by LC/MS/MS



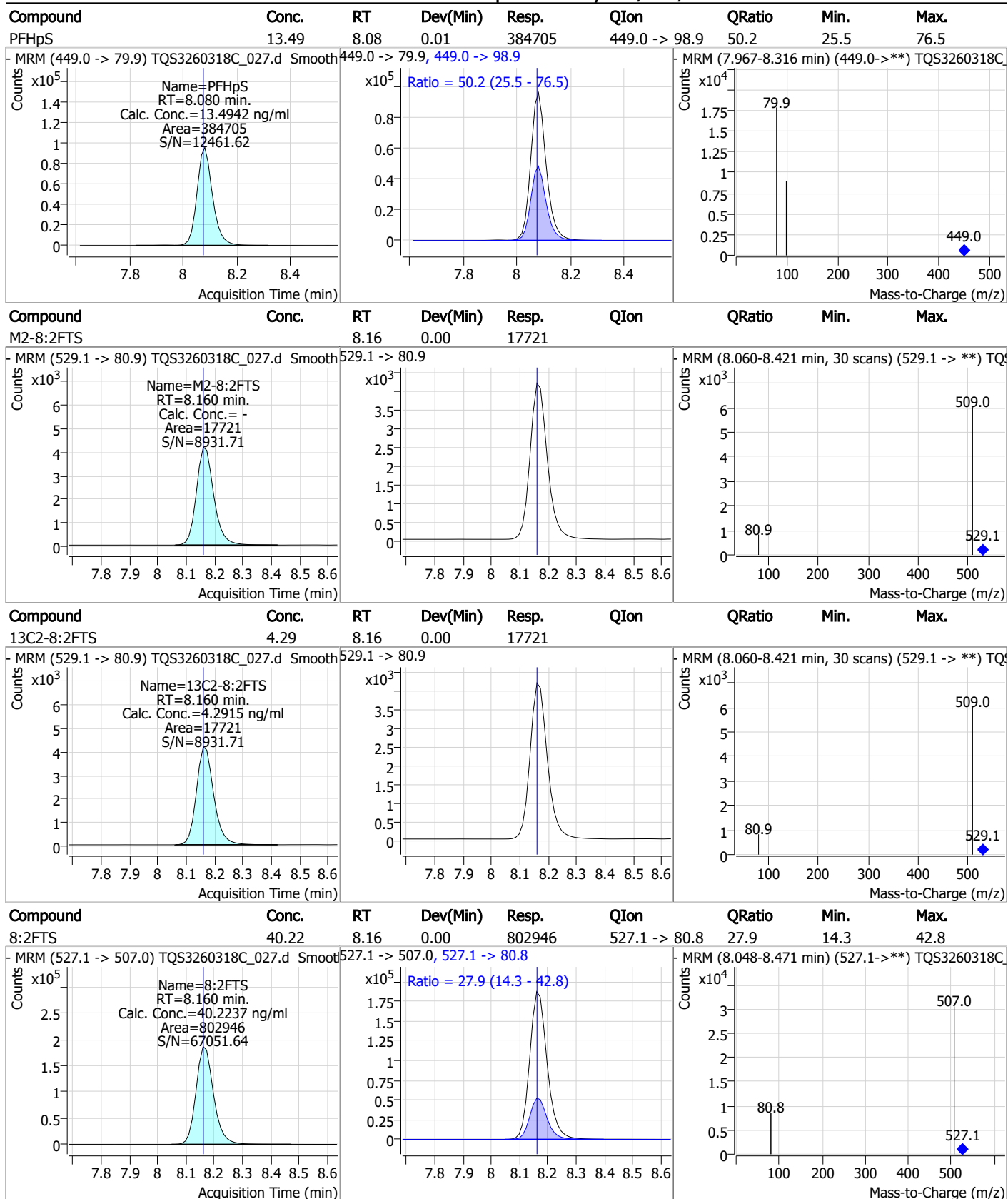
Perfluorinated Compounds by LC/MS/MS



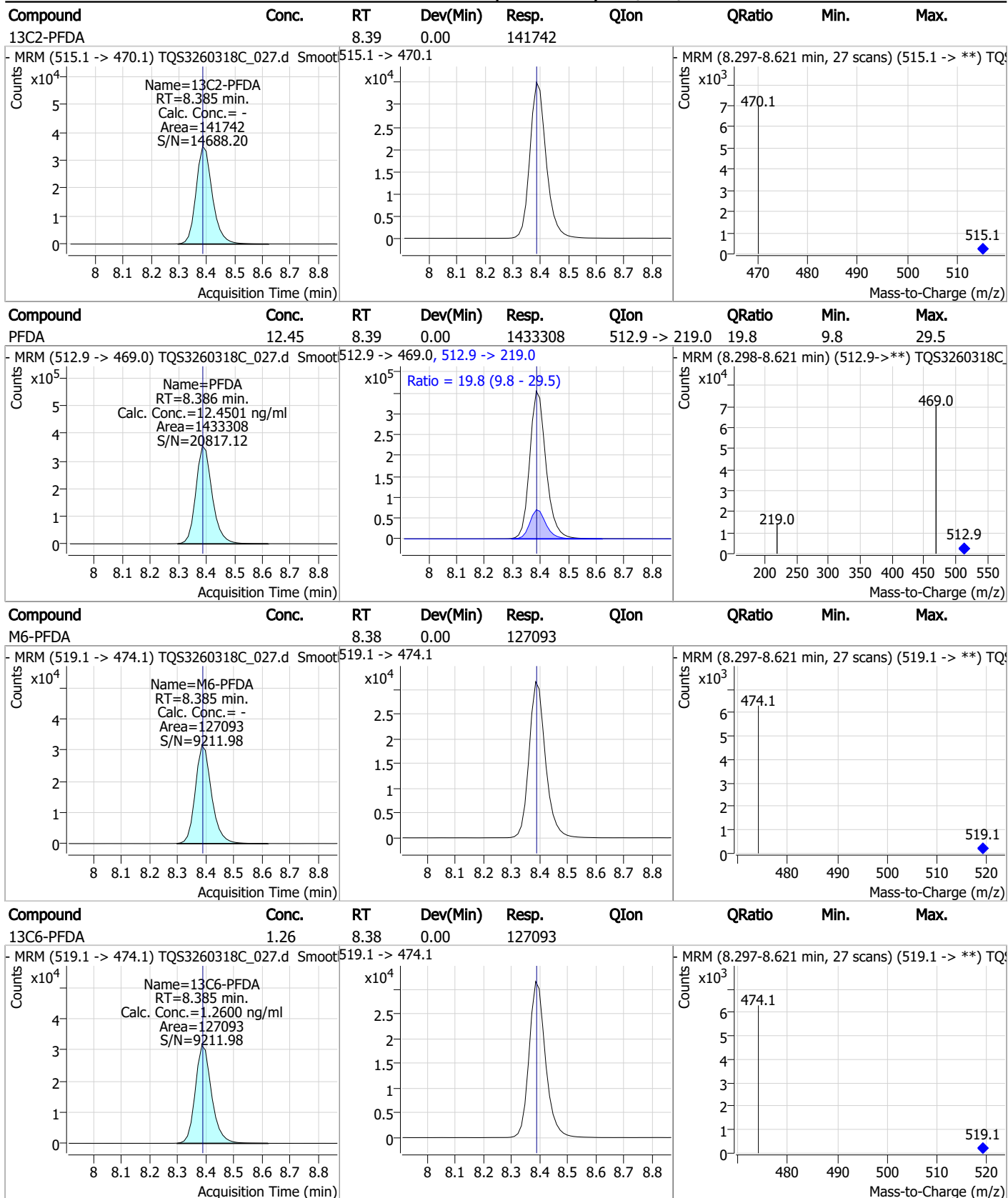
Perfluorinated Compounds by LC/MS/MS



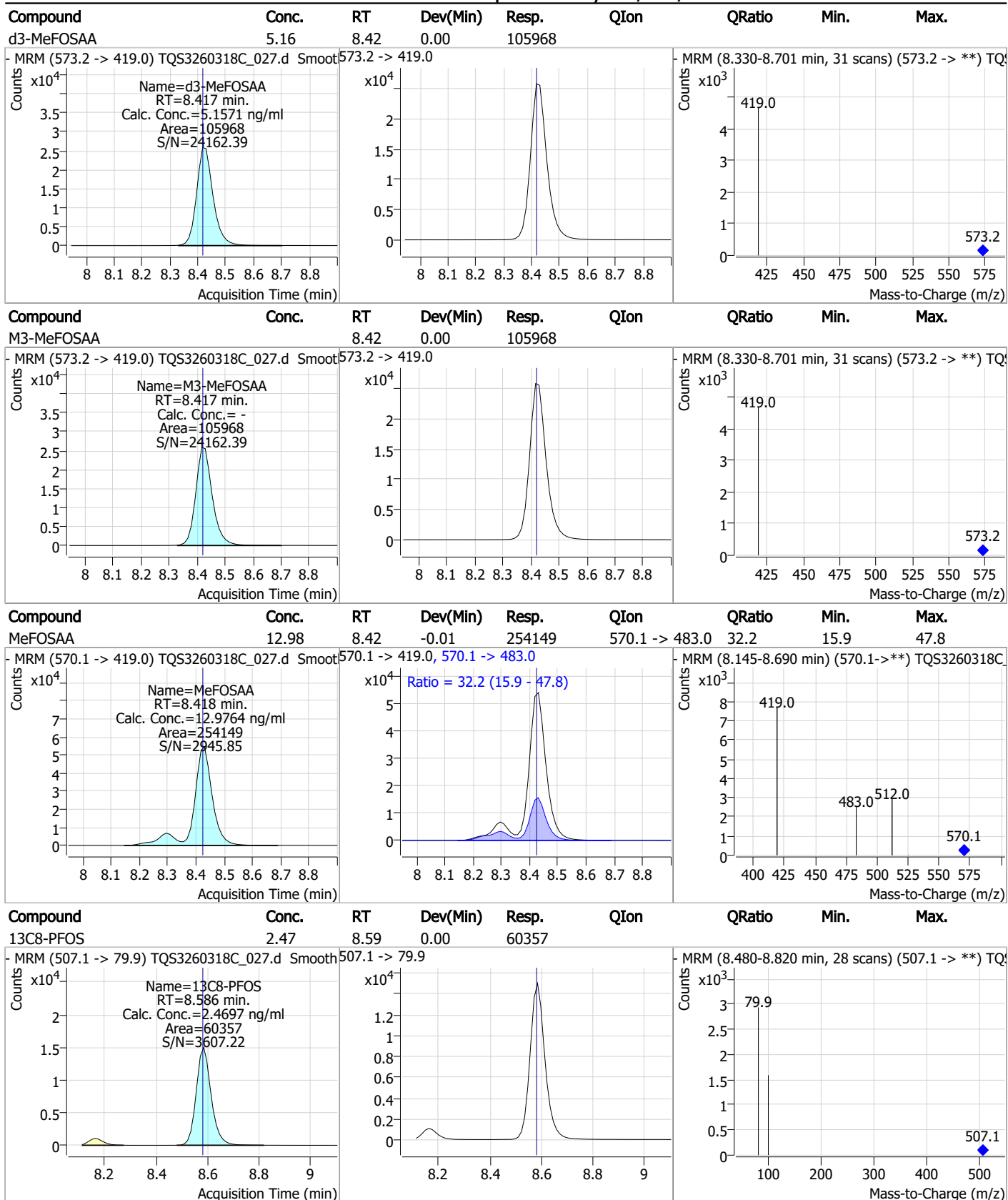
Perfluorinated Compounds by LC/MS/MS



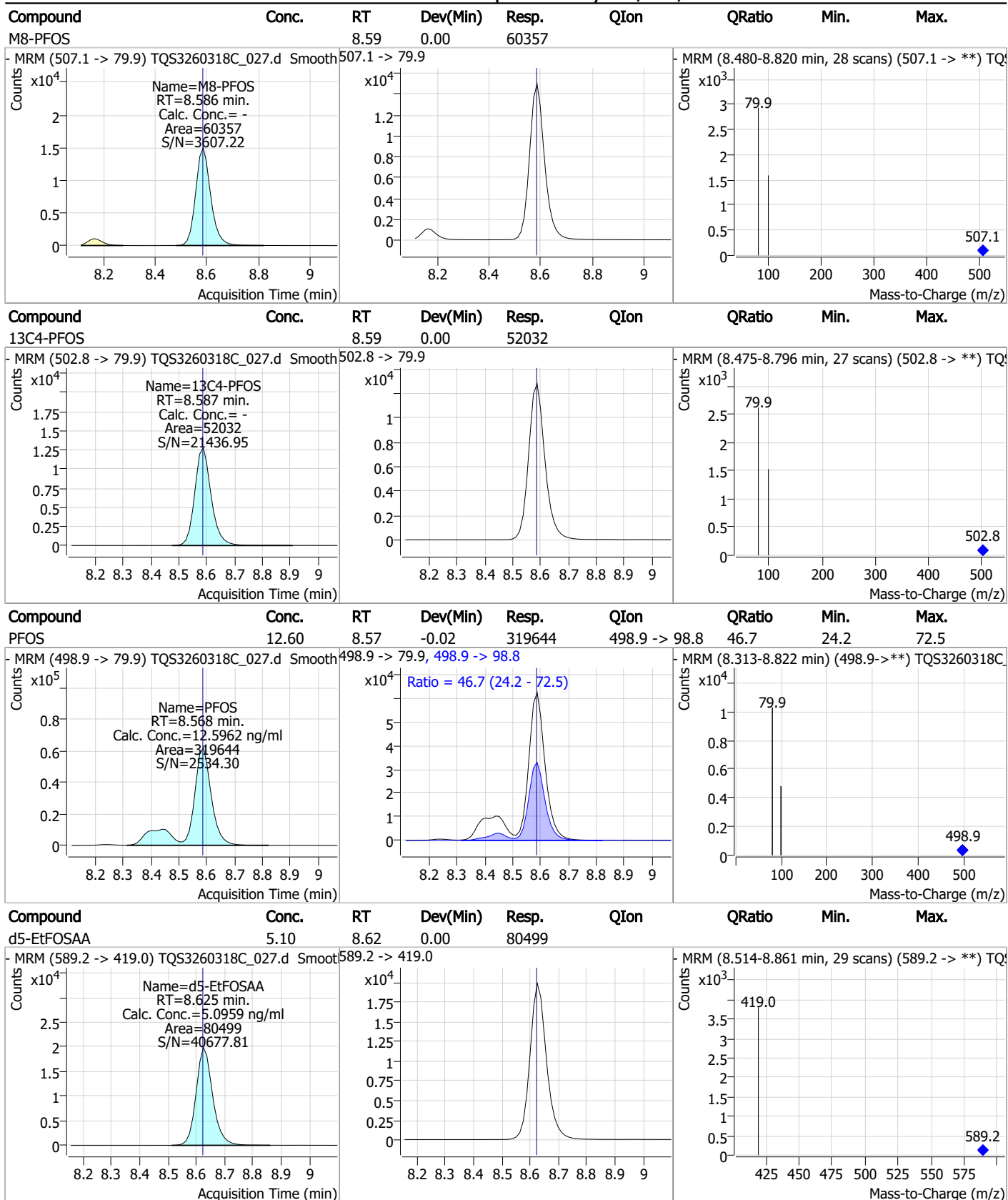
Perfluorinated Compounds by LC/MS/MS



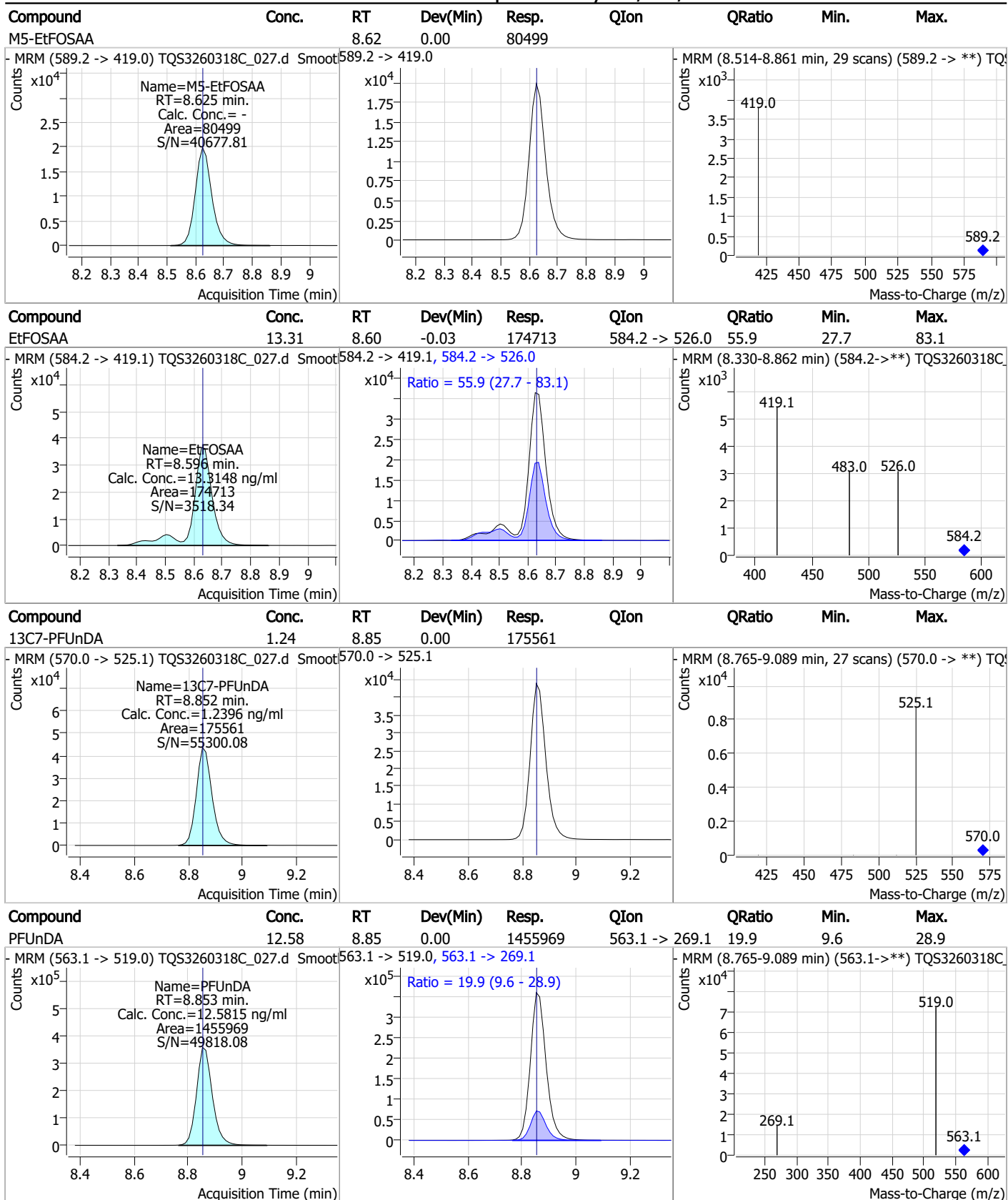
Perfluorinated Compounds by LC/MS/MS



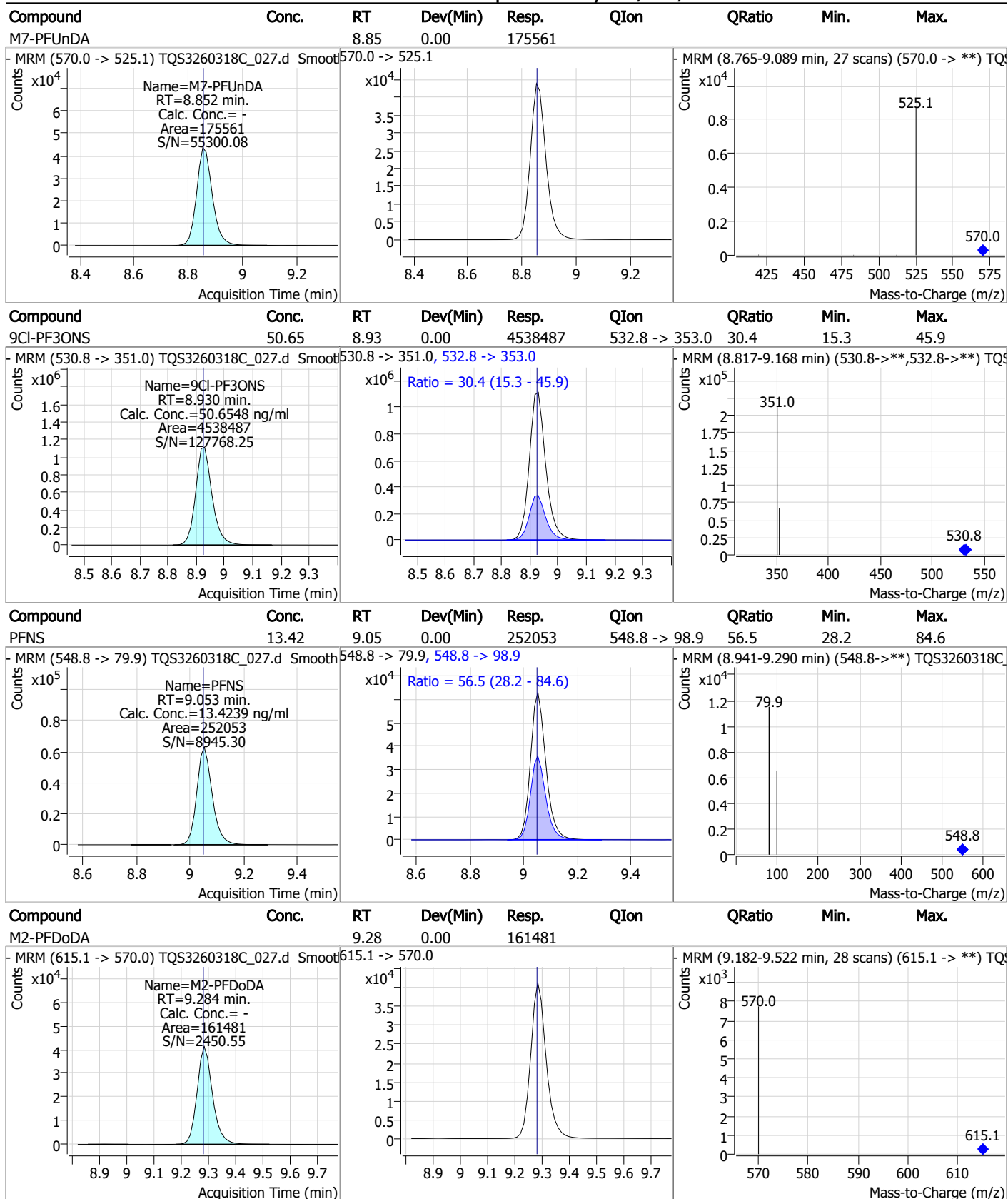
Perfluorinated Compounds by LC/MS/MS



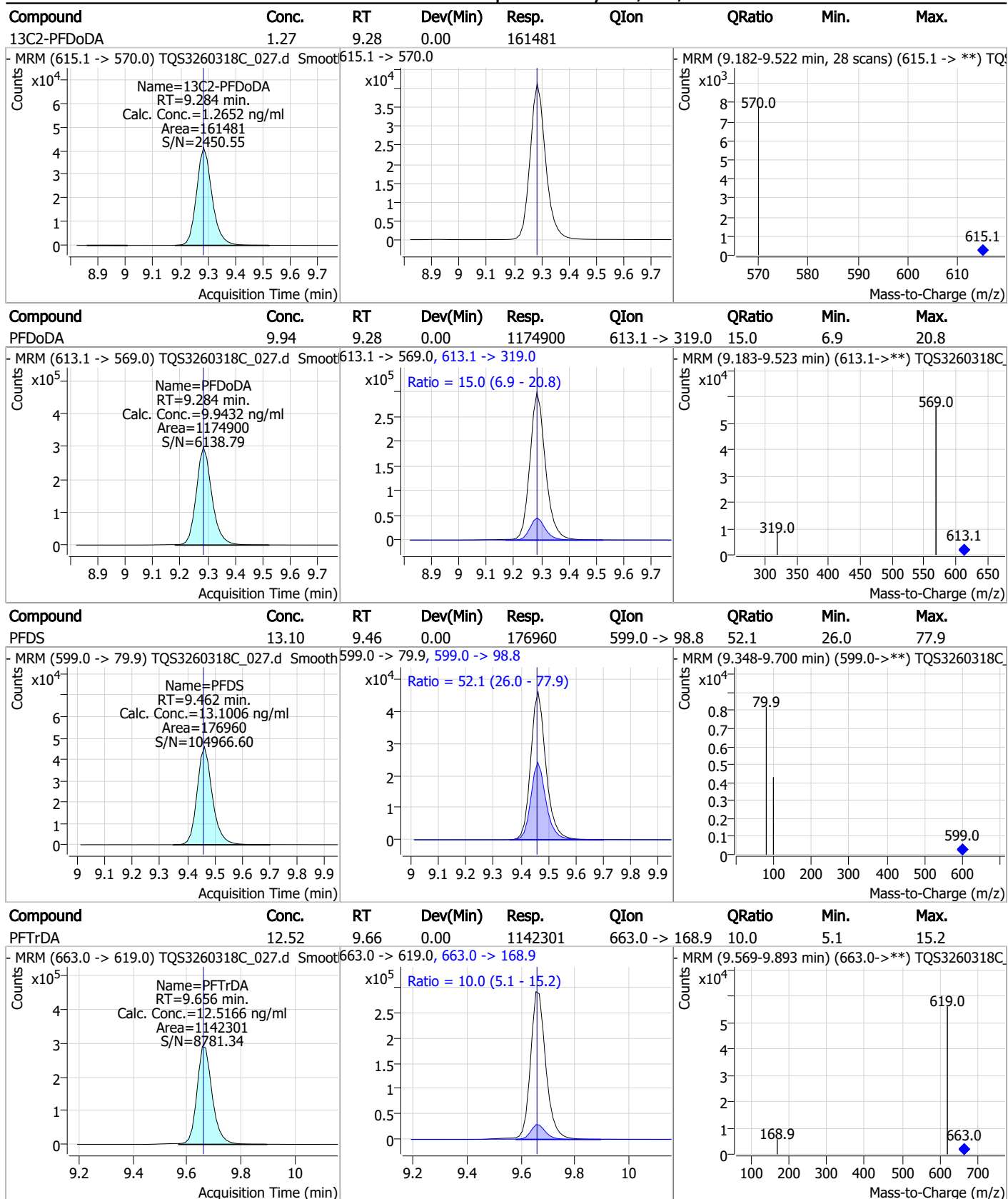
Perfluorinated Compounds by LC/MS/MS



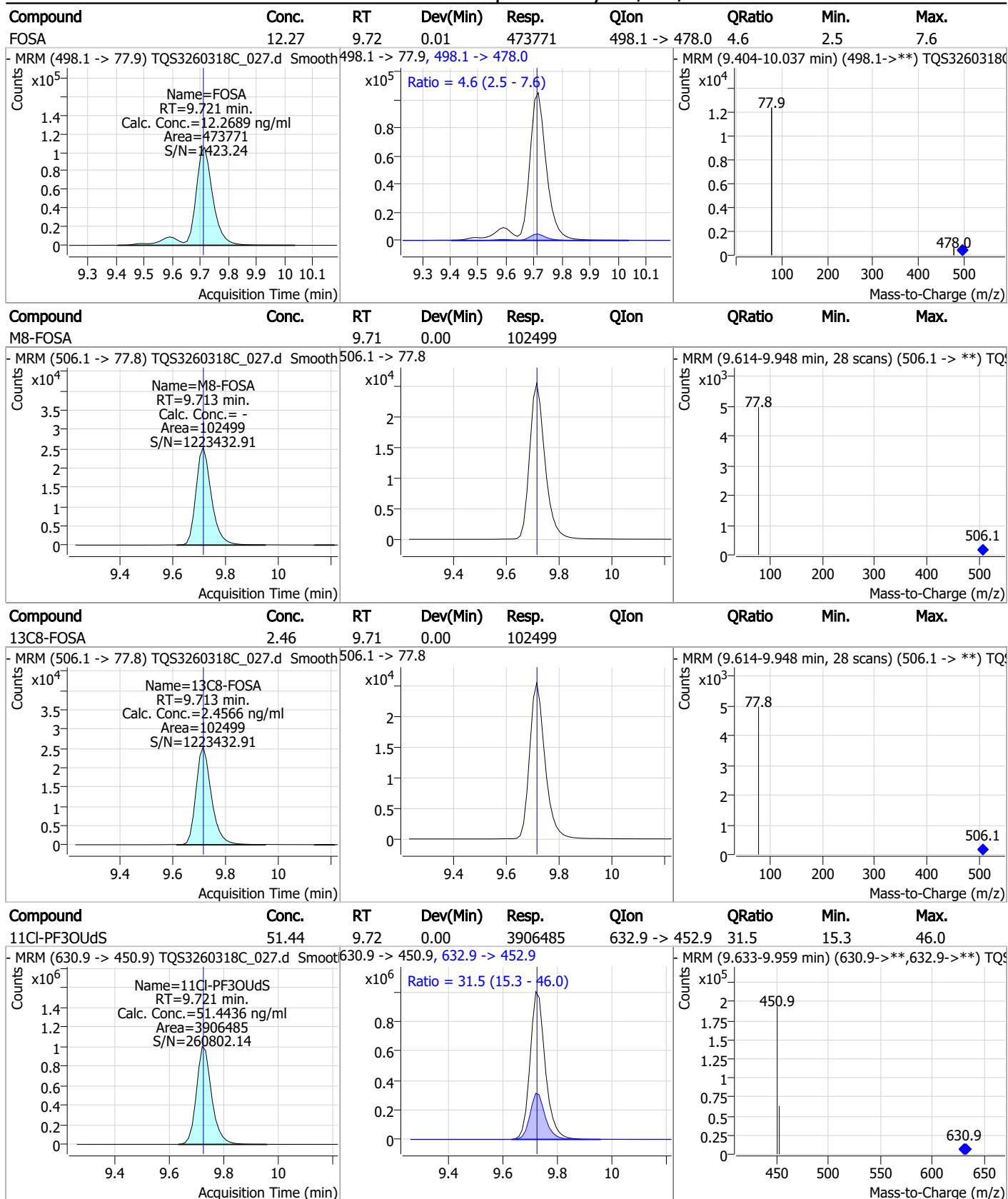
Perfluorinated Compounds by LC/MS/MS



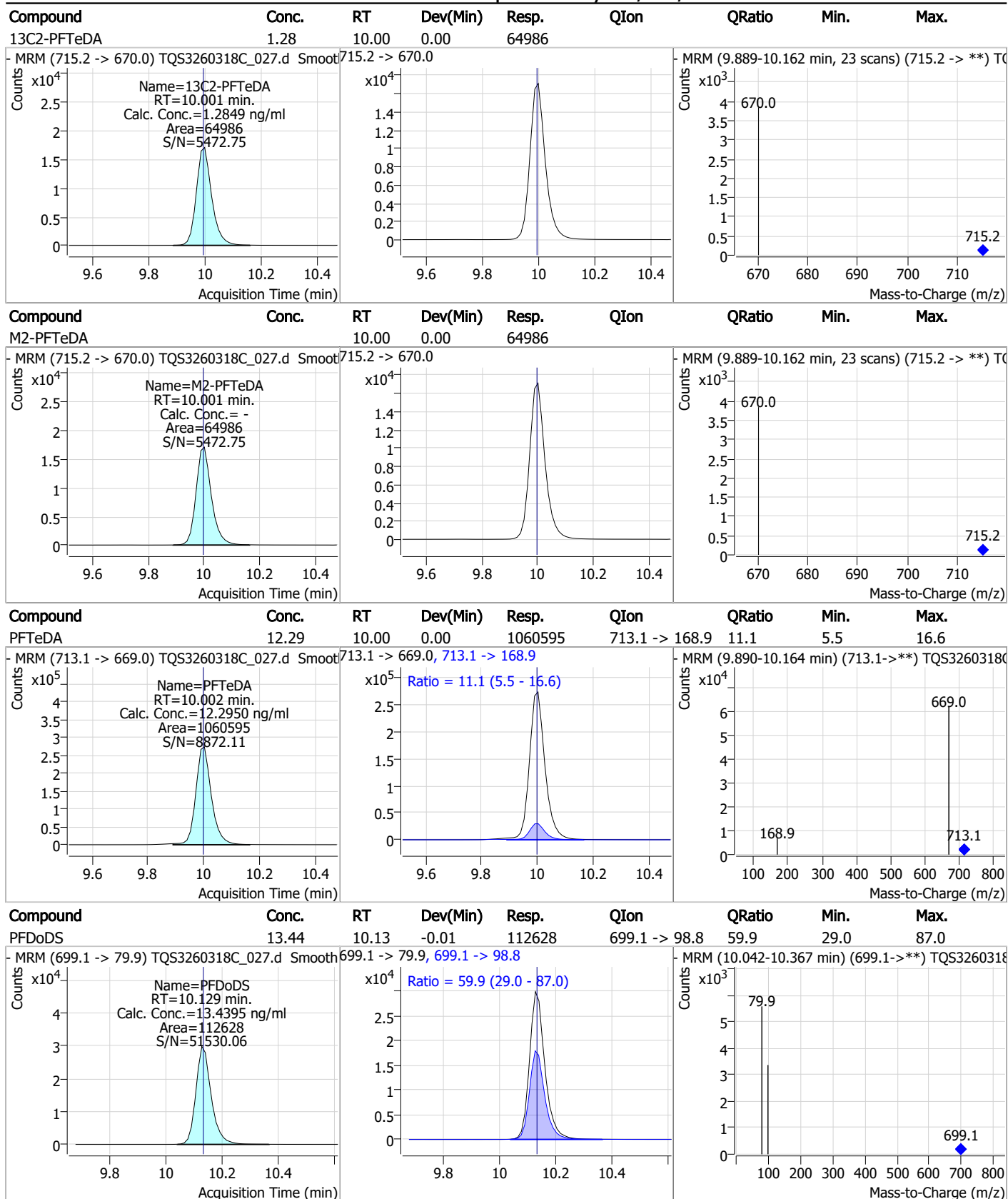
Perfluorinated Compounds by LC/MS/MS



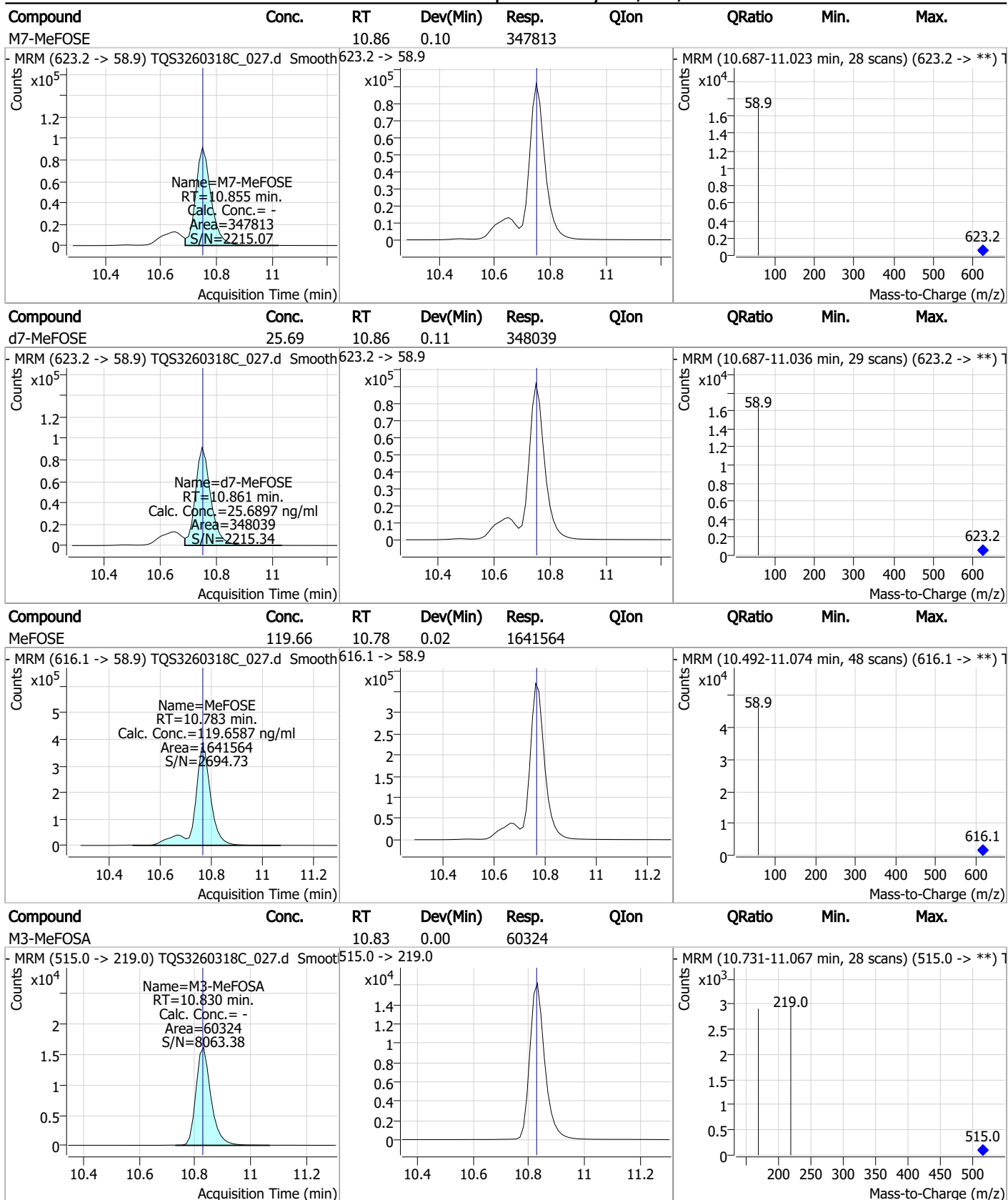
Perfluorinated Compounds by LC/MS/MS



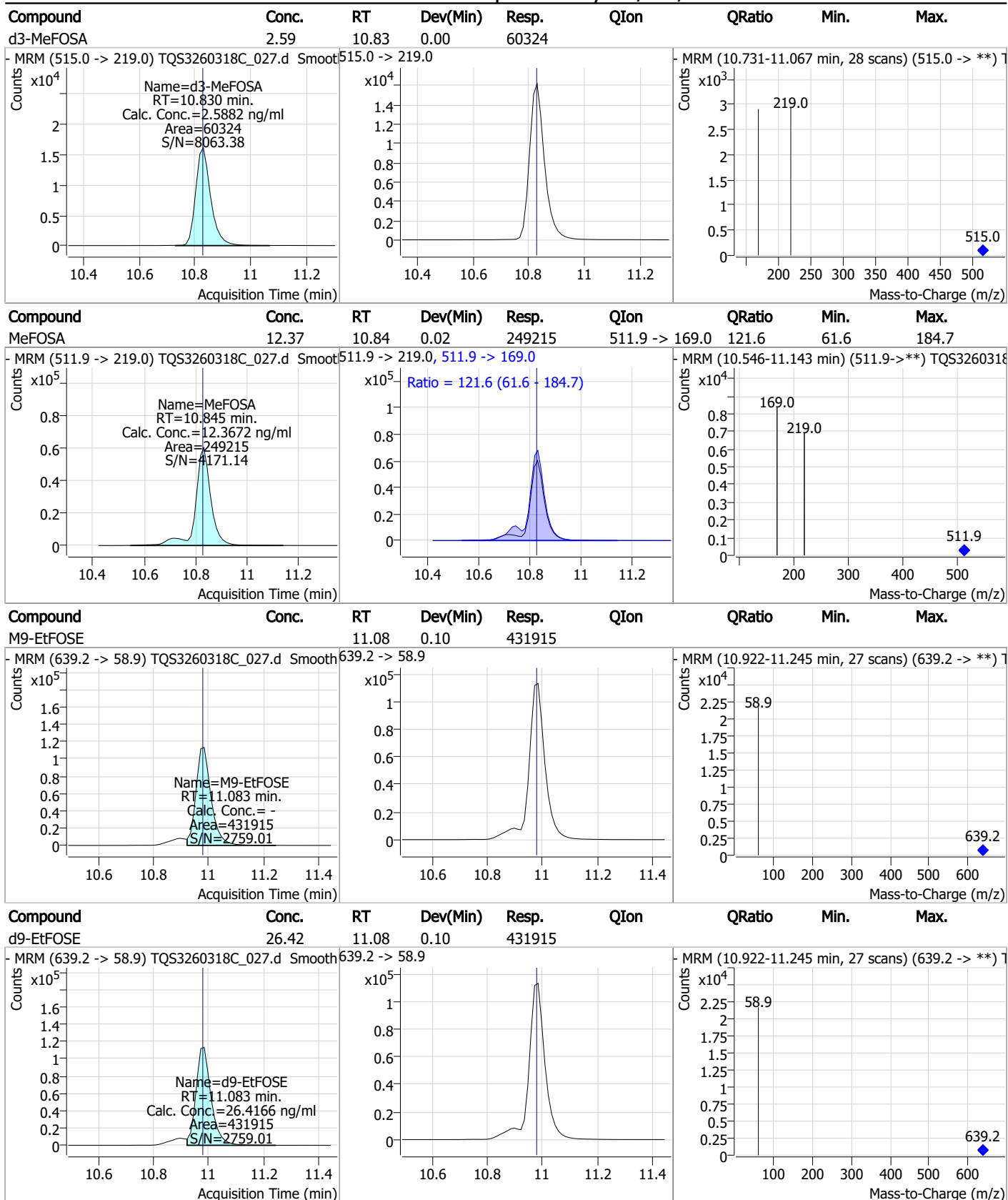
Perfluorinated Compounds by LC/MS/MS



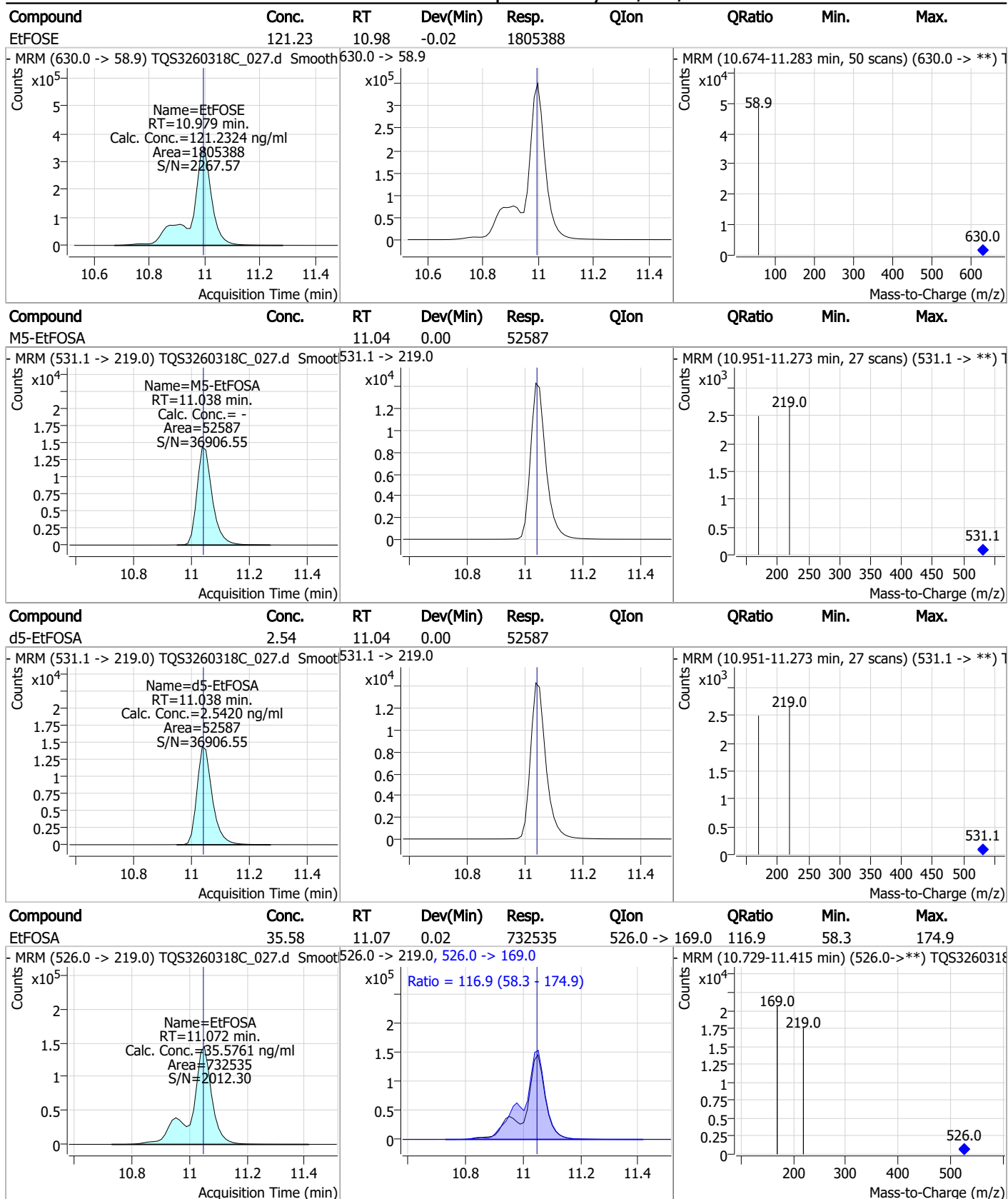
Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS

Data File : TQS3260318C_028.d
 Operator
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 12:27:44 AM
 Sample Name : ICAL9
 Vial : P3-B2
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3913_ICAL_C_1633.batch.bin
 Sample Information : AXYS I 62.5ng/mL

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Internal Standards						
13C2-PFDA	8.385	515.1 -> 470.1	119693		1.25 ng/ml	0.000
13C2-PFHxA	5.857	315.1 -> 270.0	226758		2.50 ng/ml	-0.004
13C3-PFBA	3.177	216.0 -> 172.0	333670		5.00 ng/ml	0.004
13C4-PFOA	7.369	417.1 -> 372.0	348740		2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	44681		2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	147335		1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	35765		2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	6164		5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	9626		5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	12142		5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	140284		1.25 ng/ml	0.003
M2-PFTeDA	9.988	715.2 -> 670.0	56735		1.25 ng/ml	-0.009
M3-HFPO-DA	6.223	286.9 -> 168.9	261266		10.00 ng/ml	-0.012
M3-MeFOSA	10.830	515.0 -> 219.0	52365		2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	87223		5.00 ng/ml	-0.004
M3-PFBS	5.848	302.1 -> 79.9	80202		2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	59193		2.50 ng/ml	0.002
M4-PFBA	3.173	216.8 -> 171.9	781698		10.00 ng/ml	0.000
M4-PFHpA	6.751	367.1 -> 322.0	234004		2.50 ng/ml	0.002
M5-EtFOSA	11.038	531.1 -> 219.0	42245		2.50 ng/ml	-0.004
M5-EtFOSAA	8.625	589.2 -> 419.0	70794		5.00 ng/ml	-0.001
M5-PFHxA	5.856	318.0 -> 273.0	256885		2.50 ng/ml	-0.006
M5-PFPeA	4.637	268.3 -> 223.0	373822		5.00 ng/ml	-0.005
M6-PFDA	8.385	519.1 -> 474.1	101773		1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	257961		25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	139830		1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	70912		2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	322981		2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	50876		2.50 ng/ml	0.002
M9-EtFOSE	11.083	639.2 -> 58.9	313249		25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	144213		1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	6164		3.18 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 63.6%	
13C2-6:2FTS	7.130	429.1 -> 80.9	9626		3.18 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 63.6%	
13C2-8:2FTS	8.160	529.1 -> 80.9	12142		3.68 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 73.7%	
13C2-PFDoDA	9.284	615.1 -> 570.0	140284		1.30 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 104.1%	
13C2-PFTeDA	9.988	715.2 -> 670.0	56735		1.33 ng/ml	-0.008
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 106.3%	
13C3-HFPO-DA	6.223	286.9 -> 168.9	261266		9.26 ng/ml	-0.012
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 92.6%	
d3-MeFOSA	10.830	515.0 -> 219.0	52365		2.62 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 104.7%	
d3-MeFOSAA	8.417	573.2 -> 419.0	87223	4.94 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 98.9%	
13C3-PFBS	5.848	302.1 -> 79.9	80202	2.54 ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 101.6%	
13C3-PFHxS	7.523	402.1 -> 79.9	59193	2.50 ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 99.8%	
13C4-PFBA	3.173	216.8 -> 171.9	787447	9.99 ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 99.9%	
13C4-PFHpA	6.751	367.1 -> 322.0	234004	2.57 ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 102.9%	
d5-EtFOSA	11.038	531.1 -> 219.0	42245	2.38 ng/ml	-0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 95.1%	
d5-EtFOSAA	8.625	589.2 -> 419.0	70794	5.22 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 104.4%	
13C5-PFHxA	5.856	318.0 -> 273.0	256885	2.50 ng/ml	-0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 100.0%	
13C5-PFPeA	4.637	268.3 -> 223.0	373822	5.07 ng/ml	-0.003
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 101.3%	
13C6-PFDA	8.385	519.1 -> 474.1	101773	1.19 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 95.6%	
d7-MeFOSE	10.861	623.2 -> 58.9	258061	22.18 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%			Recovery = 88.7%	
13C7-PFUnDA	8.852	570.0 -> 525.1	139830	1.17 ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 93.5%	
13C8-FOSA	9.713	506.1 -> 77.8	70912	1.98 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 79.2%	
13C8-PFOA	7.369	421.1 -> 376.0	322981	2.50 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 100.0%	
13C8-PFOS	8.586	507.1 -> 79.9	50876	2.42 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 97.0%	
d9-EtFOSE	11.083	639.2 -> 58.9	313249	22.31 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%			Recovery = 89.2%	
13C9-PFNA	7.899	472.1 -> 427.0	144213	1.24 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 99.4%	

Target Compounds

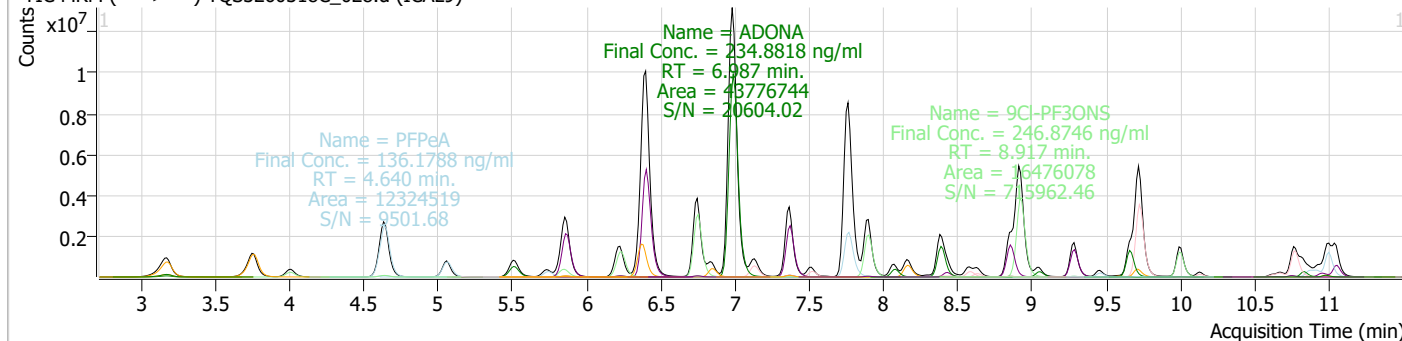
					QValue
11CI-PF3OUdS	9.721	630.9 -> 450.9	14488861	256.15 ng/ml	99
TDCA	7.525	498.9 -> 79.9	183	ng/ml	100
3:3 FTCA	4.009	241.0 -> 177.0	1111837	309.06 ng/ml	100
4:2FTS	5.508	327.1 -> 307.0	2535174	230.53 ng/ml	98
5:3 FTCA	6.402	341.0 -> 237.1	22870226	1815.97 ng/ml	94
6:2FTS	7.131	427.1 -> 407.0	2467570	207.93 ng/ml	99
7:3 FTCA	7.766	441.0 -> 316.9	9739950	1758.46 ng/ml	86
8:2FTS	8.160	527.1 -> 507.0	2545170	186.09 ng/ml	97
9CI-PF3ONS	8.917	530.8 -> 351.0	16476078	246.87 ng/ml	96
ADONA	6.987	376.9 -> 250.9	43776744	234.88 ng/ml	99
EtFOSA	11.072	526.0 -> 219.0	3137233	189.66 ng/ml	98
EtFOSAA	8.596	584.2 -> 419.1	777949	67.42 ng/ml	98
EtFOSE	10.979	630.0 -> 58.9	6951495	643.63 ng/ml	100
FOSA	9.721	498.1 -> 77.9	1841738	68.94 ng/ml	99
HFPO-DA	6.236	284.9 -> 168.9	5728411	240.07 ng/ml	98
MeFOSA	10.845	511.9 -> 219.0	1109799	63.44 ng/ml	100
MeFOSAA	8.418	570.1 -> 419.0	1074103	66.63 ng/ml	98
MeFOSE	10.783	616.1 -> 58.9	6259140	615.17 ng/ml	100
NFDHA	5.740	295.0 -> 201.0	1229999	124.38 ng/ml	100
PFBA	3.175	212.8 -> 168.9	4699096	263.97 ng/ml	100

Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	1885554	64.55 ng/ml	99
PFDA	8.386	512.9 -> 469.0	6184661	67.09 ng/ml	98
PFDoDA	9.284	613.1 -> 569.0	5432958	52.93 ng/ml	100
PFDoDS	10.129	699.1 -> 79.9	509426	72.12 ng/ml	99
PFDS	9.462	599.0 -> 79.9	774423	68.02 ng/ml	99
PFEESA	6.368	314.8 -> 134.9	7213588	72.20 ng/ml	100
PFHpA	6.751	363.1 -> 319.0	12529300	69.93 ng/ml	96
PFHpS	8.080	449.0 -> 79.9	1565307	65.14 ng/ml	100
PFHxA	5.859	313.0 -> 269.0	9476527	64.87 ng/ml	99
PFHxS	7.504	398.7 -> 79.9	1347782	71.51 ng/ml	98
PFMBA	5.065	279.0 -> 85.1	3516791	73.99 ng/ml	100
PFMPA	3.753	229.0 -> 84.9	6166795	152.03 ng/ml	100
PFNA	7.900	463.0 -> 419.0	8595873	69.78 ng/ml	98
PFNS	9.053	548.8 -> 79.9	1063173	67.17 ng/ml	98
PFOA	7.371	413.0 -> 369.0	10196399	67.52 ng/ml	98
PFOS	8.568	498.9 -> 79.9	1426889	66.71 ng/ml	98
PFPeA	4.640	263.0 -> 219.0	12324519	136.18 ng/ml	100
PFPeS	6.853	349.1 -> 79.9	1754415	68.21 ng/ml	98
PFTeDA	9.989	713.1 -> 669.0	4801101	63.75 ng/ml	99
PFTrDA	9.656	663.0 -> 619.0	5066967	63.91 ng/ml	99
PFUnDA	8.853	563.1 -> 519.0	6336440	68.75 ng/ml	98

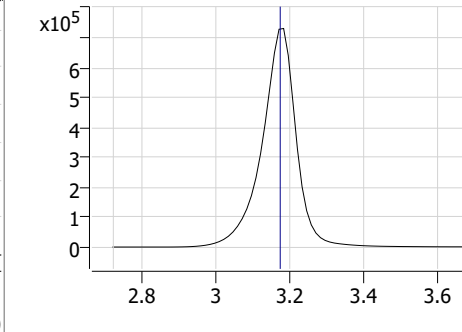
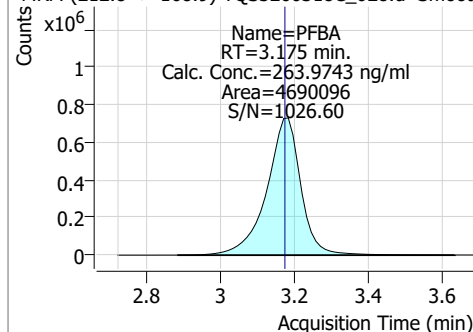
= Qualifier out of range, m = manually integrated, + = Area summed

- TIC MRM (** -> **) TQS3260318C_028.d (ICAL9)

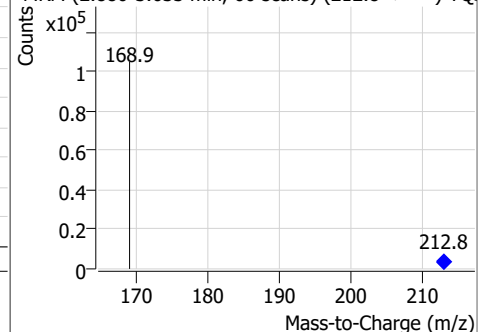


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Min.	Max.
PFBA	263.97	3.18	0.00	4690096				

- MRM (212.8 -> 168.9) TQS3260318C_028.d Smooth 212.8 -> 168.9

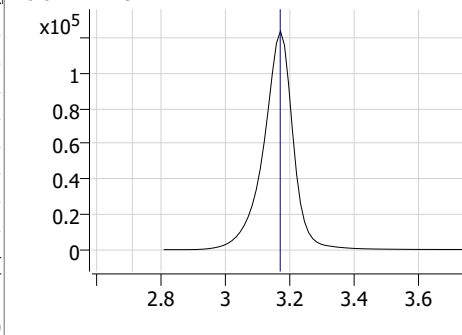
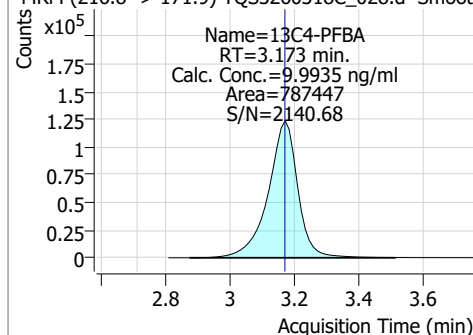


- MRM (2.880-3.633 min, 60 scans) (212.8 -> **) TQS3260318C_028.d

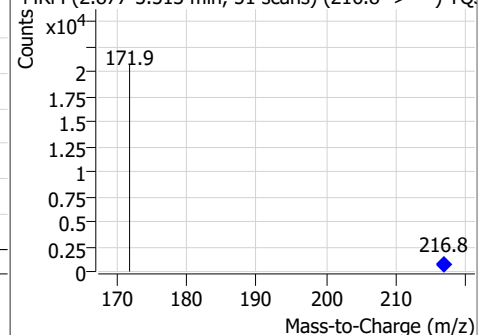


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Min.	Max.
13C4-PFBA	9.99	3.17	0.00	787447				

- MRM (216.8 -> 171.9) TQS3260318C_028.d Smooth 216.8 -> 171.9

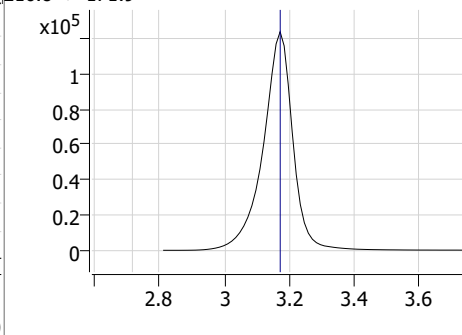
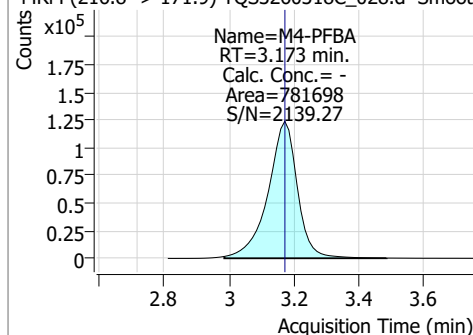


- MRM (2.877-3.513 min, 51 scans) (216.8 -> **) TQS3260318C_028.d

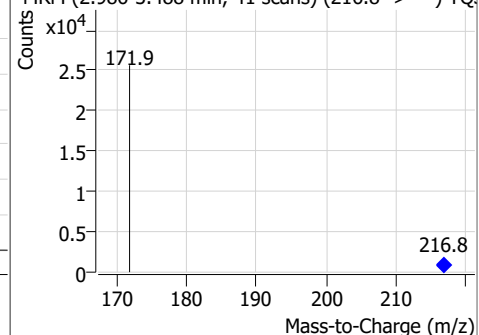


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Min.	Max.
M4-PFBA		3.17	0.00	781698				

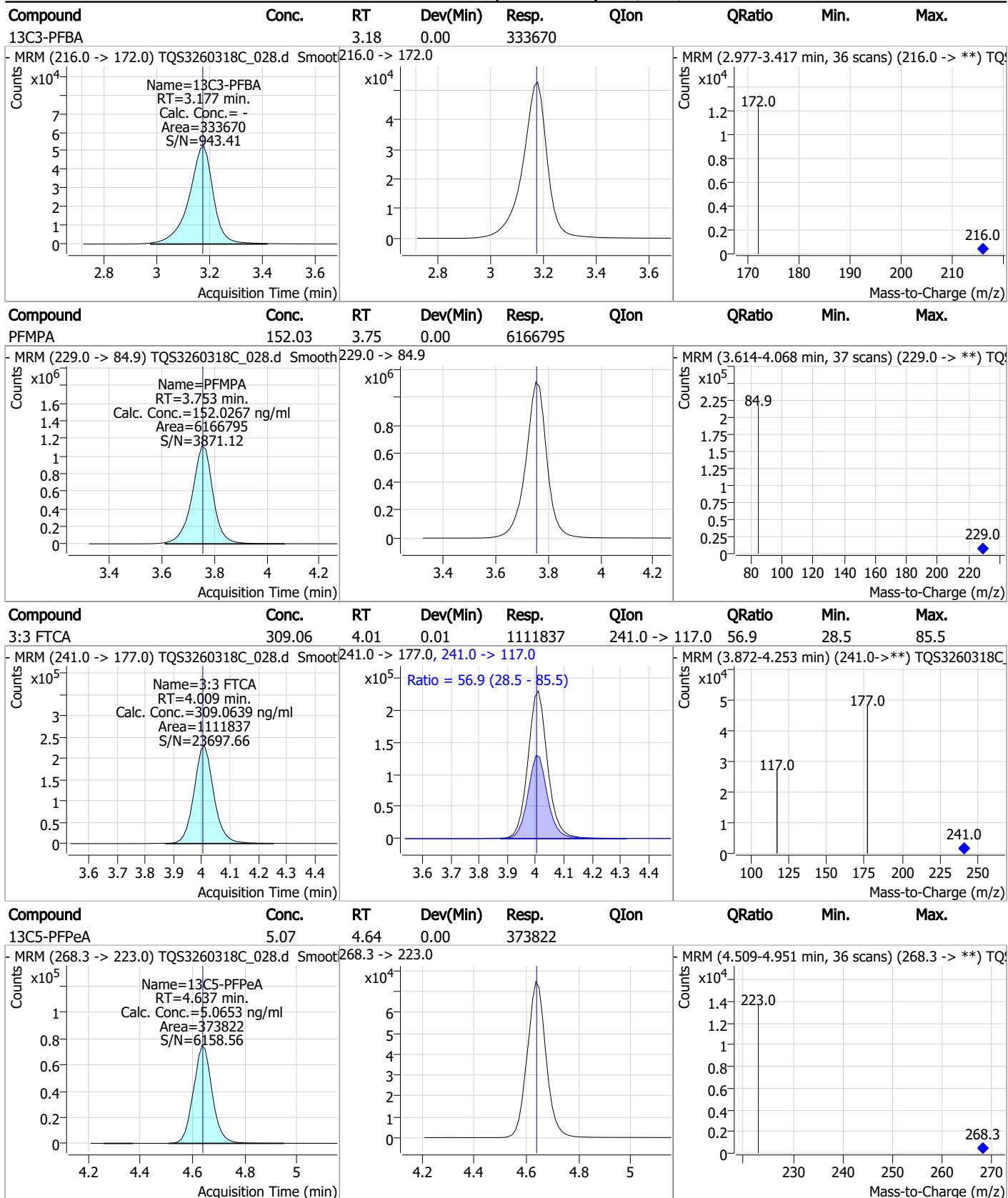
- MRM (216.8 -> 171.9) TQS3260318C_028.d Smooth 216.8 -> 171.9



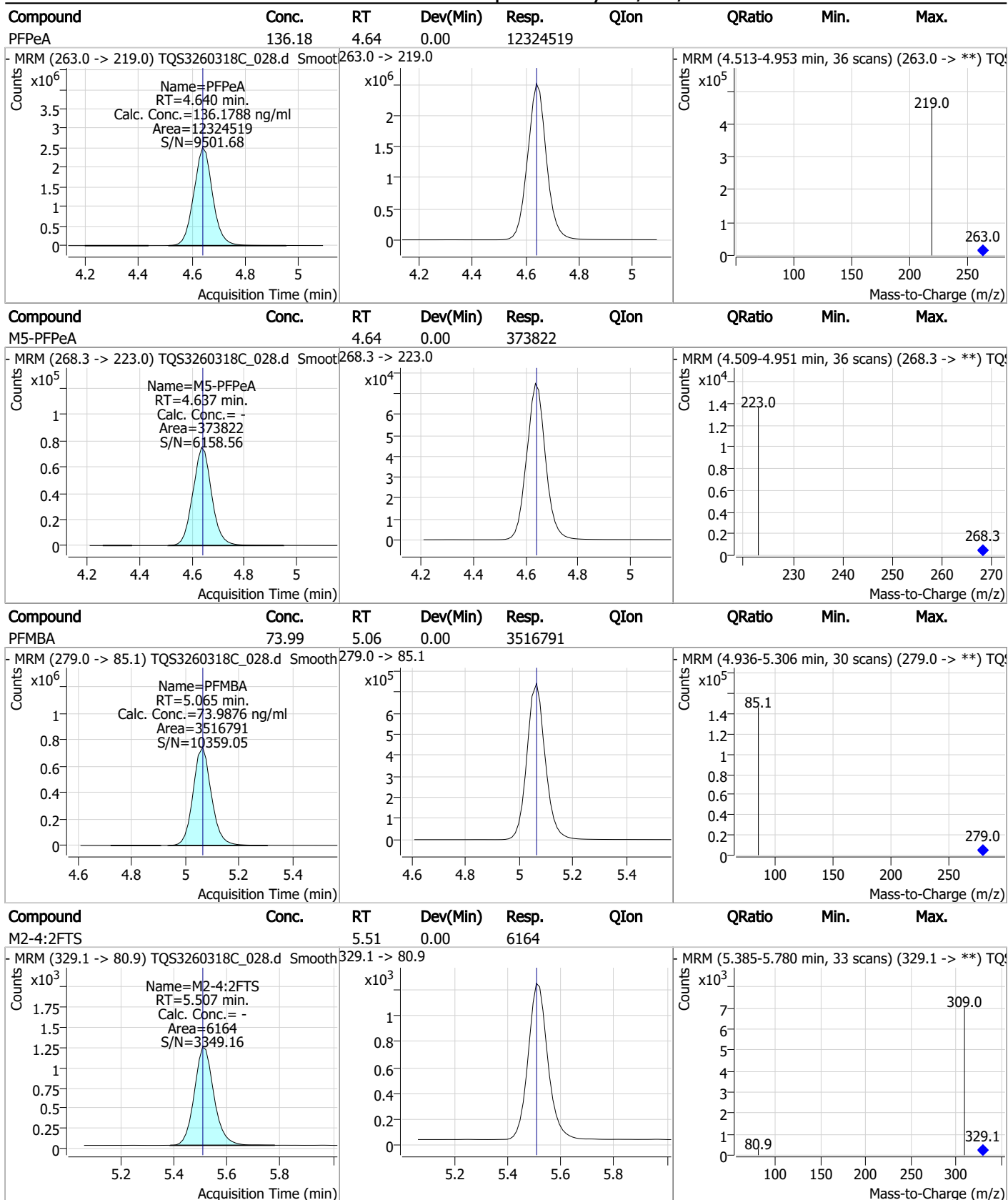
- MRM (2.986-3.488 min, 41 scans) (216.8 -> **) TQS3260318C_028.d



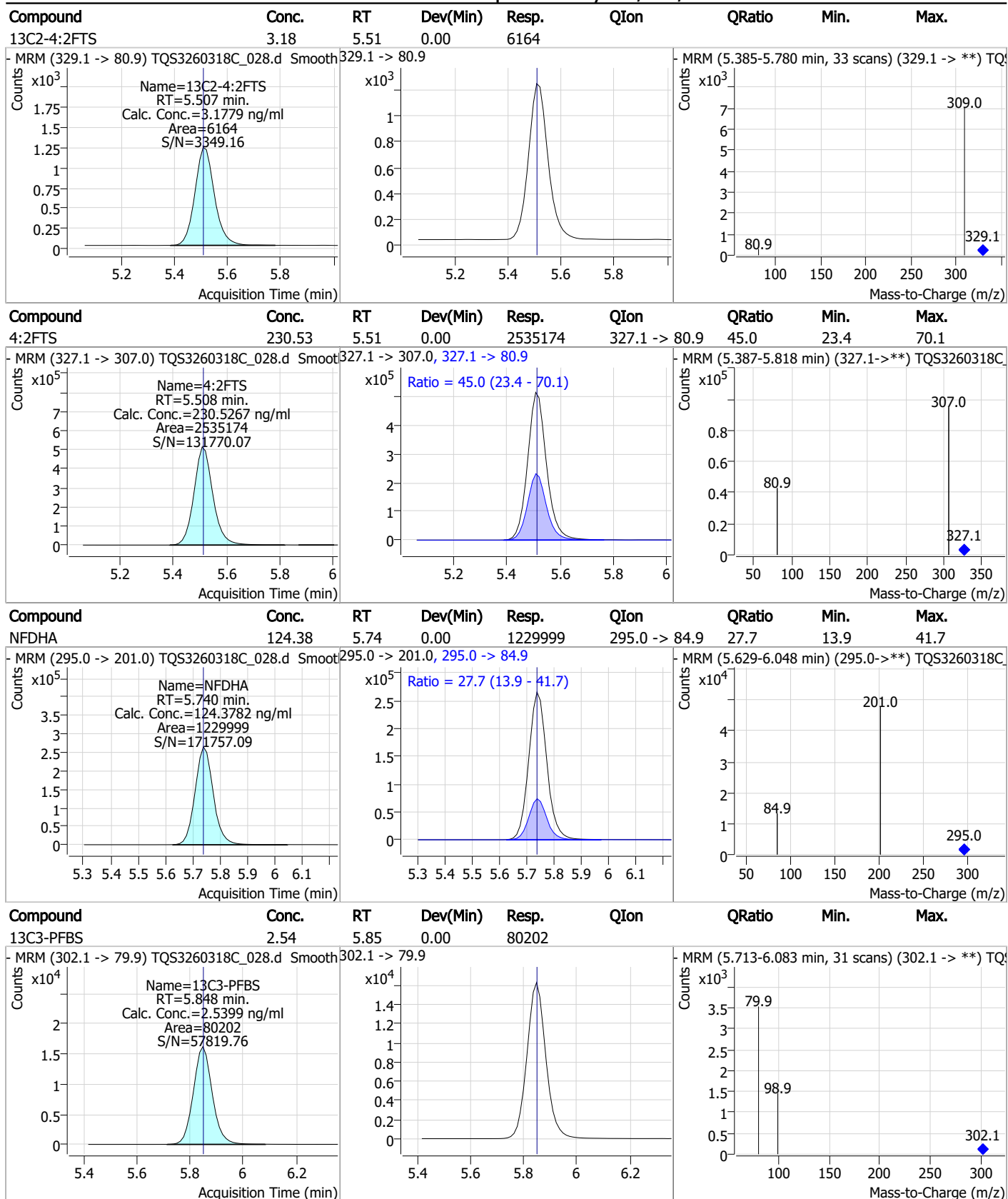
Perfluorinated Compounds by LC/MS/MS



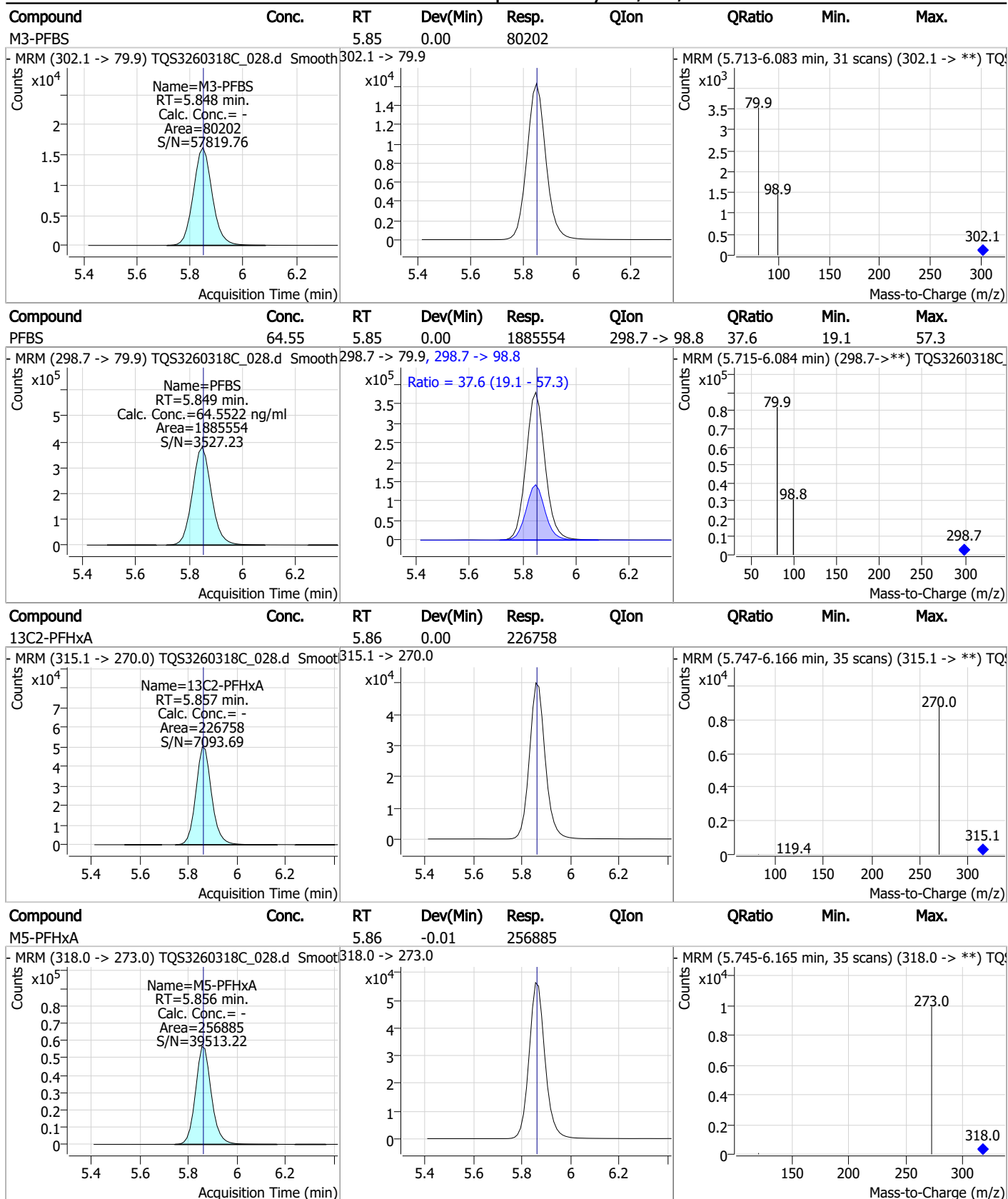
Perfluorinated Compounds by LC/MS/MS



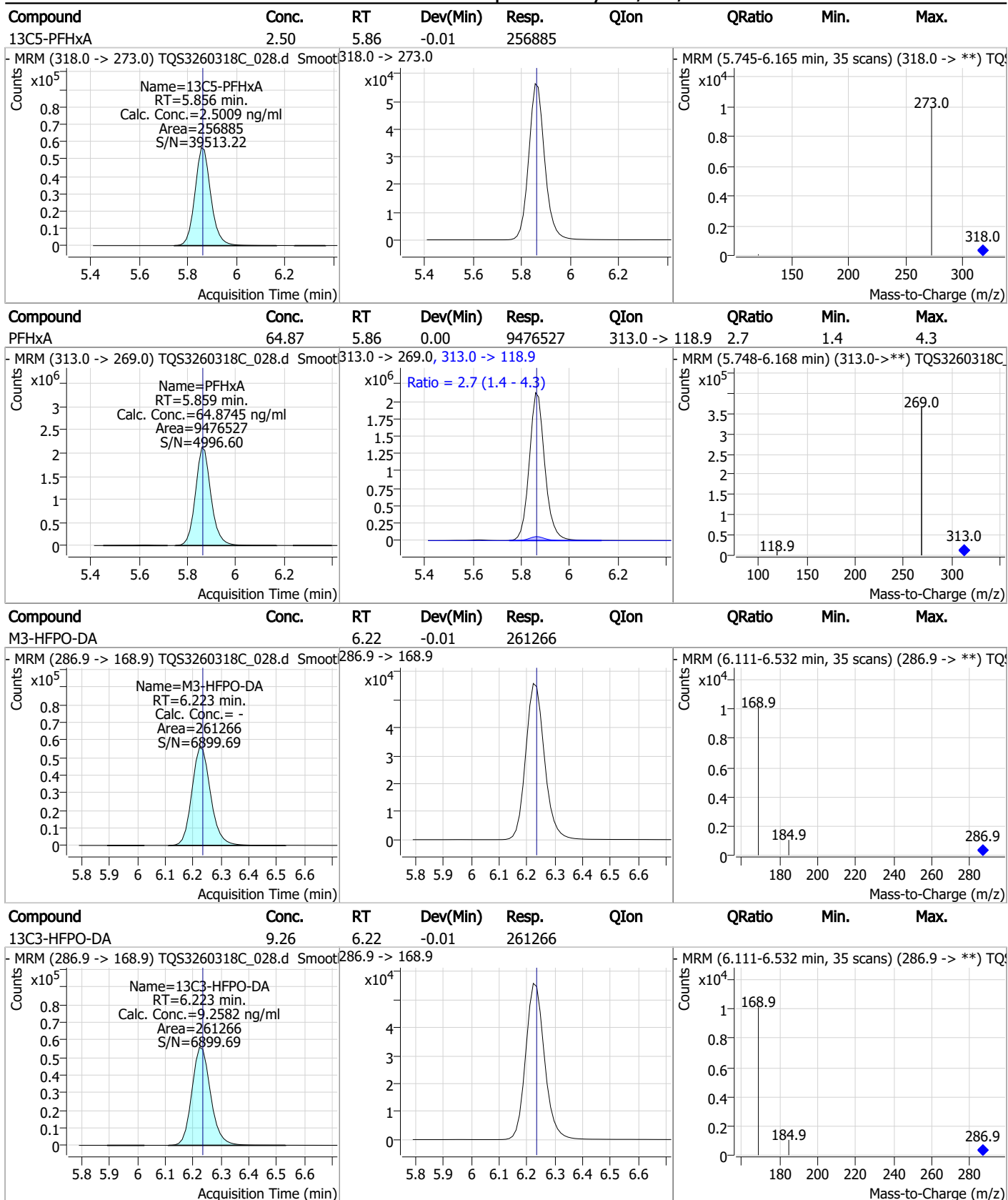
Perfluorinated Compounds by LC/MS/MS



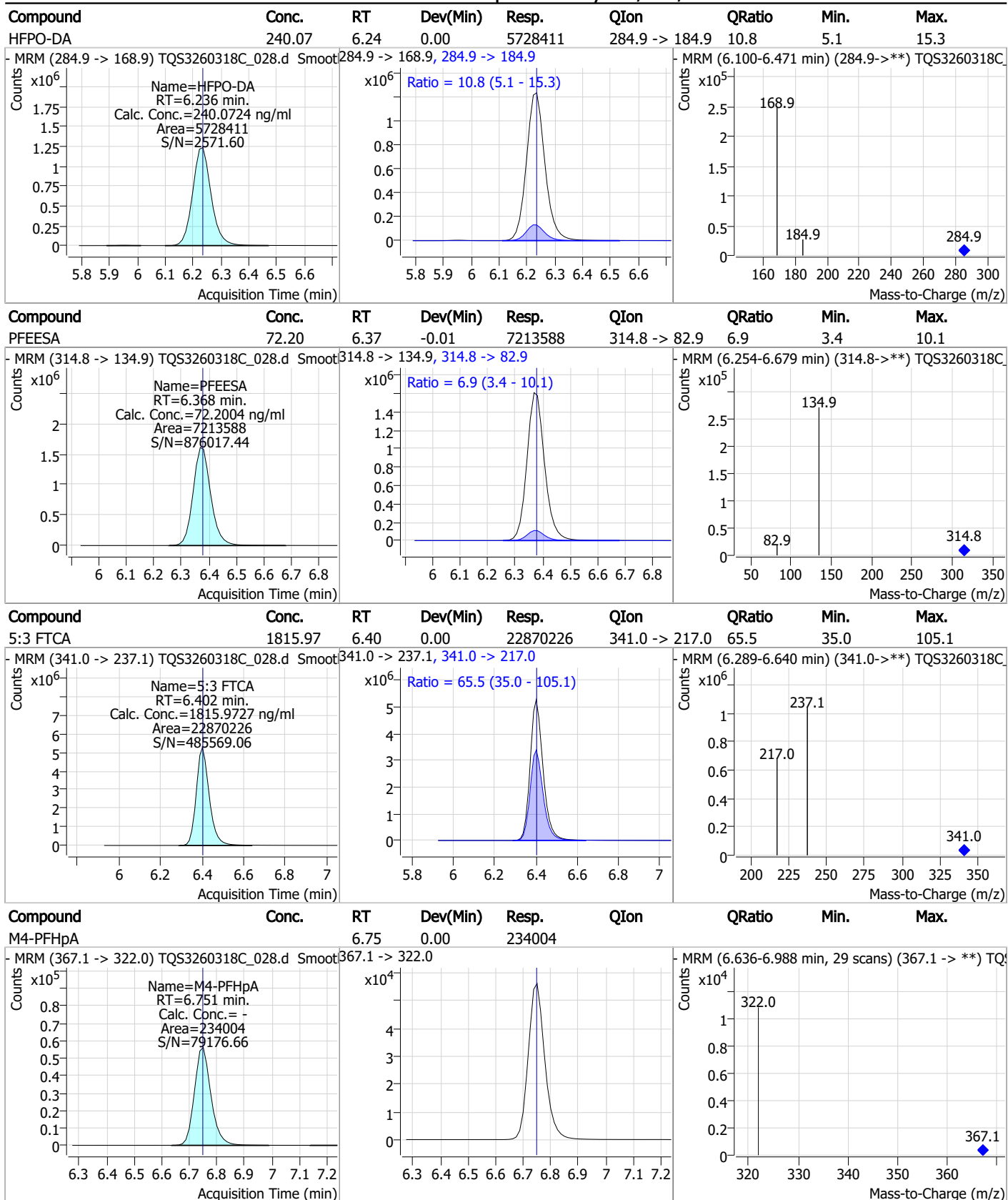
Perfluorinated Compounds by LC/MS/MS



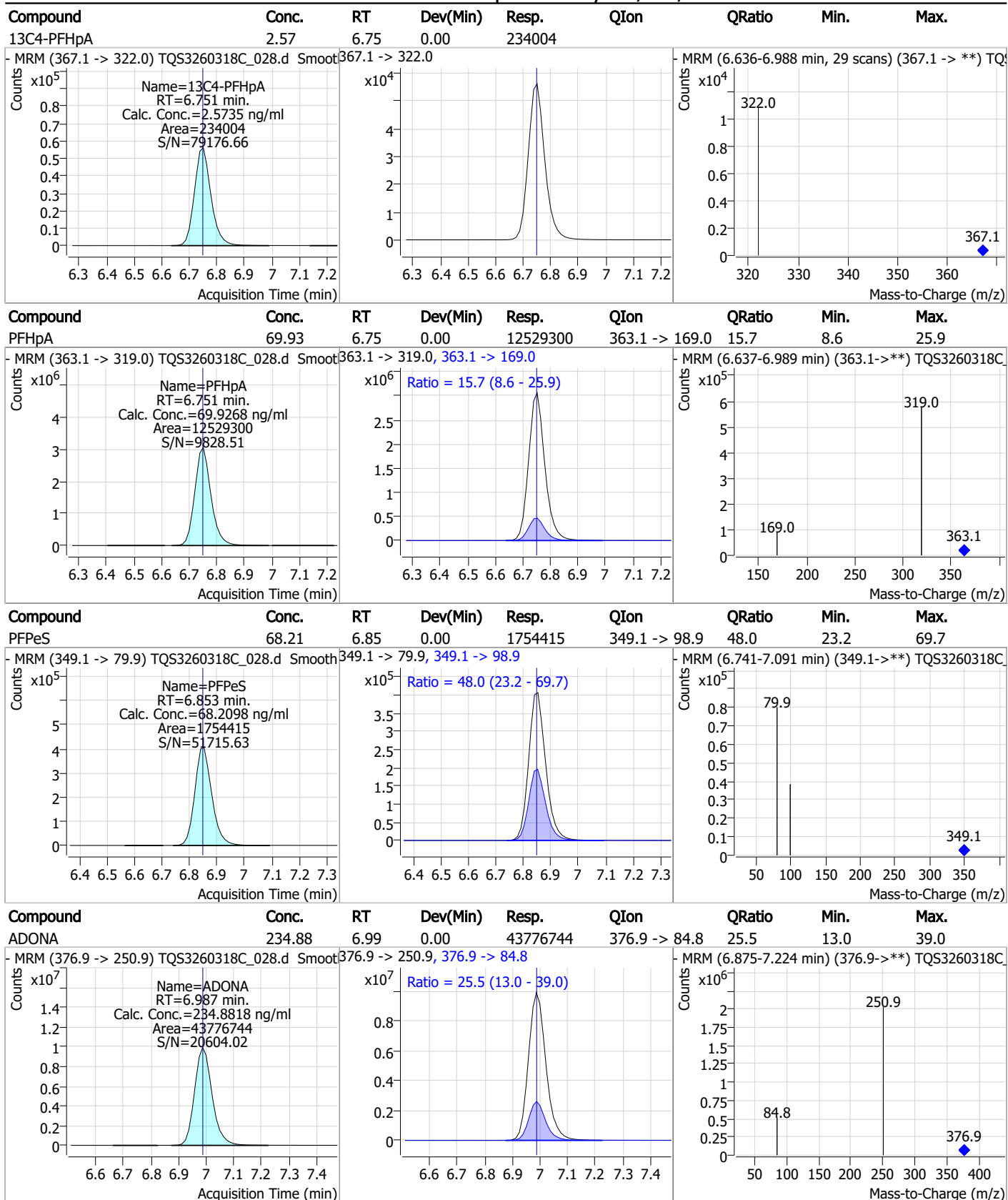
Perfluorinated Compounds by LC/MS/MS



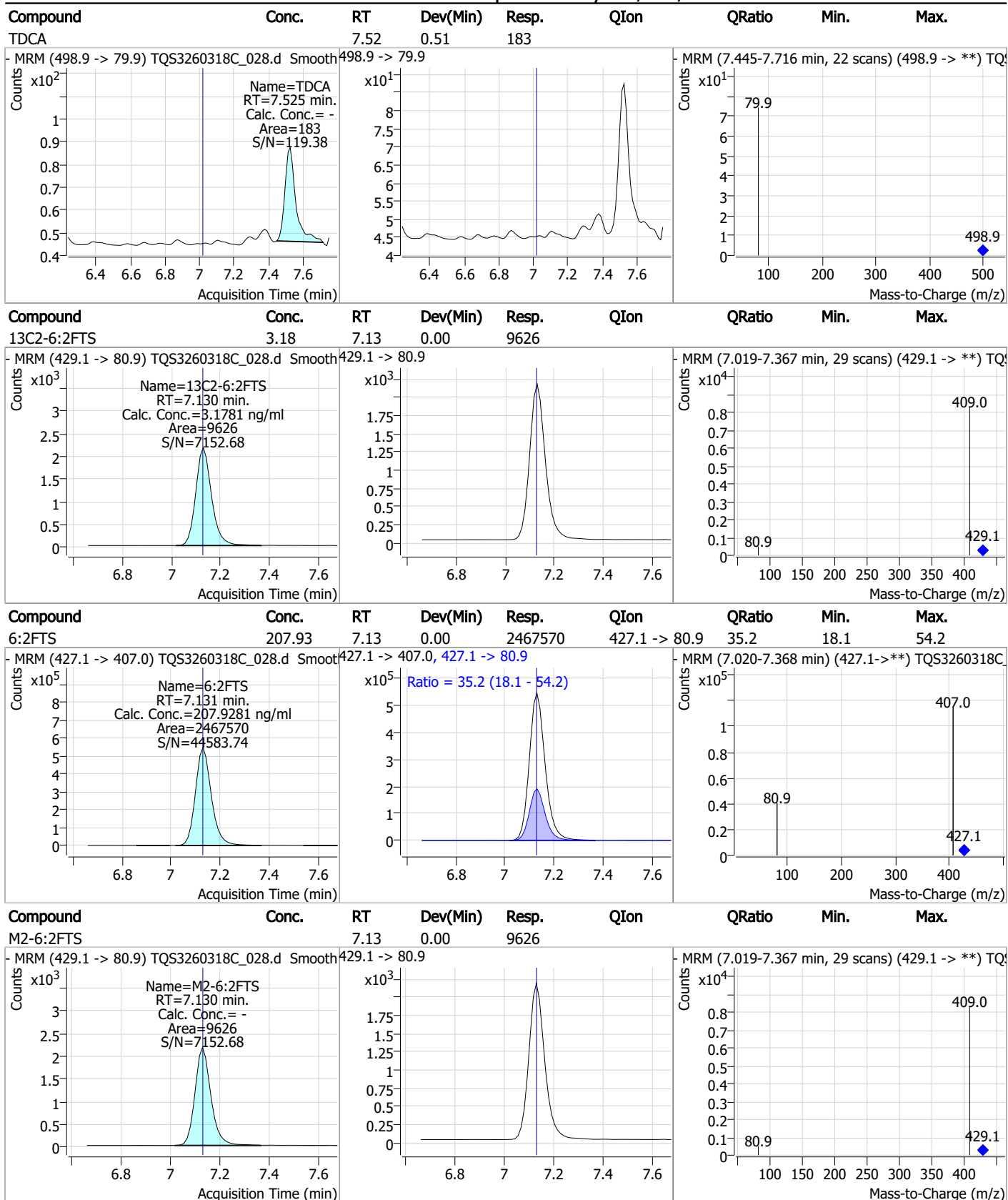
Perfluorinated Compounds by LC/MS/MS



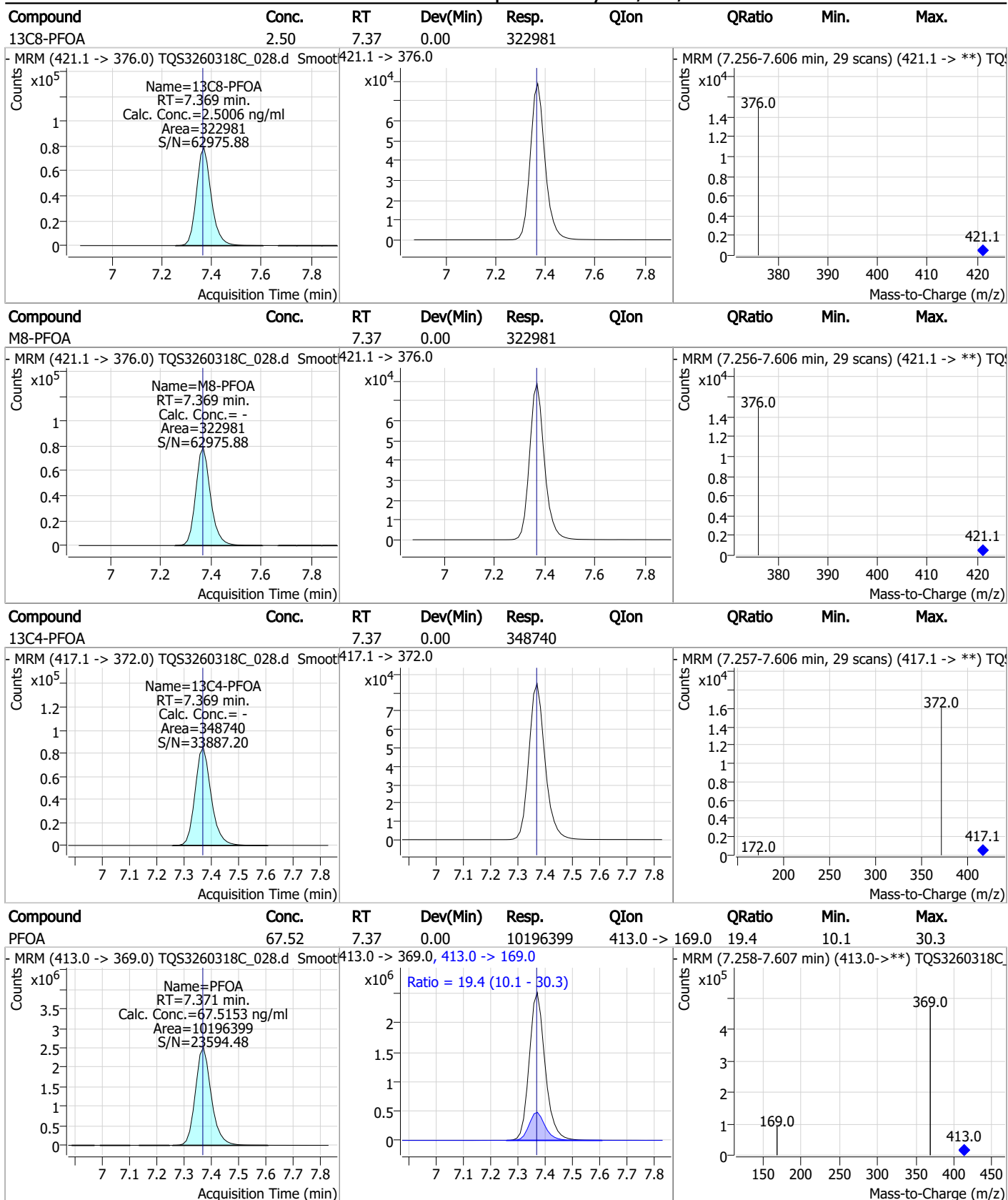
Perfluorinated Compounds by LC/MS/MS



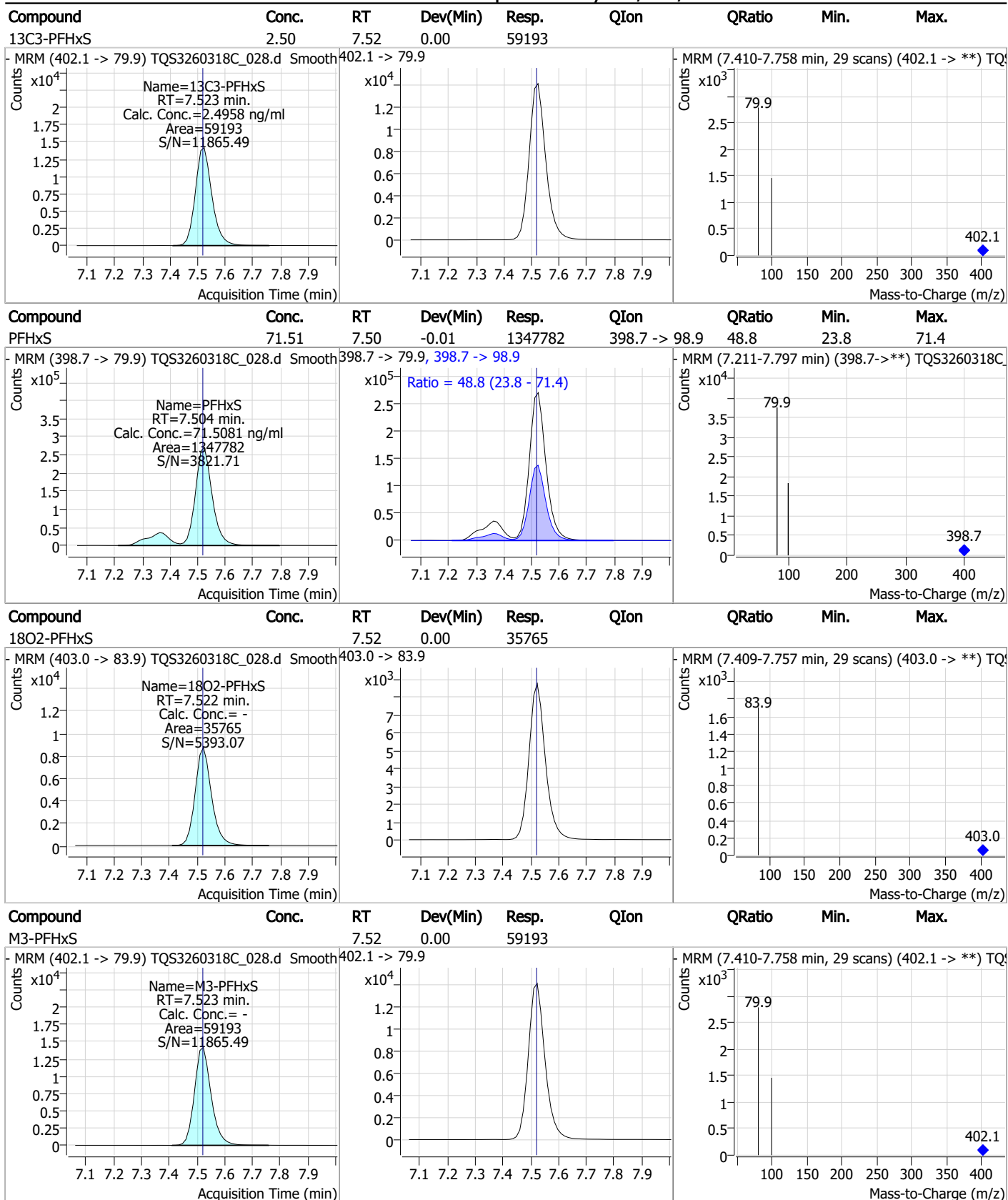
Perfluorinated Compounds by LC/MS/MS



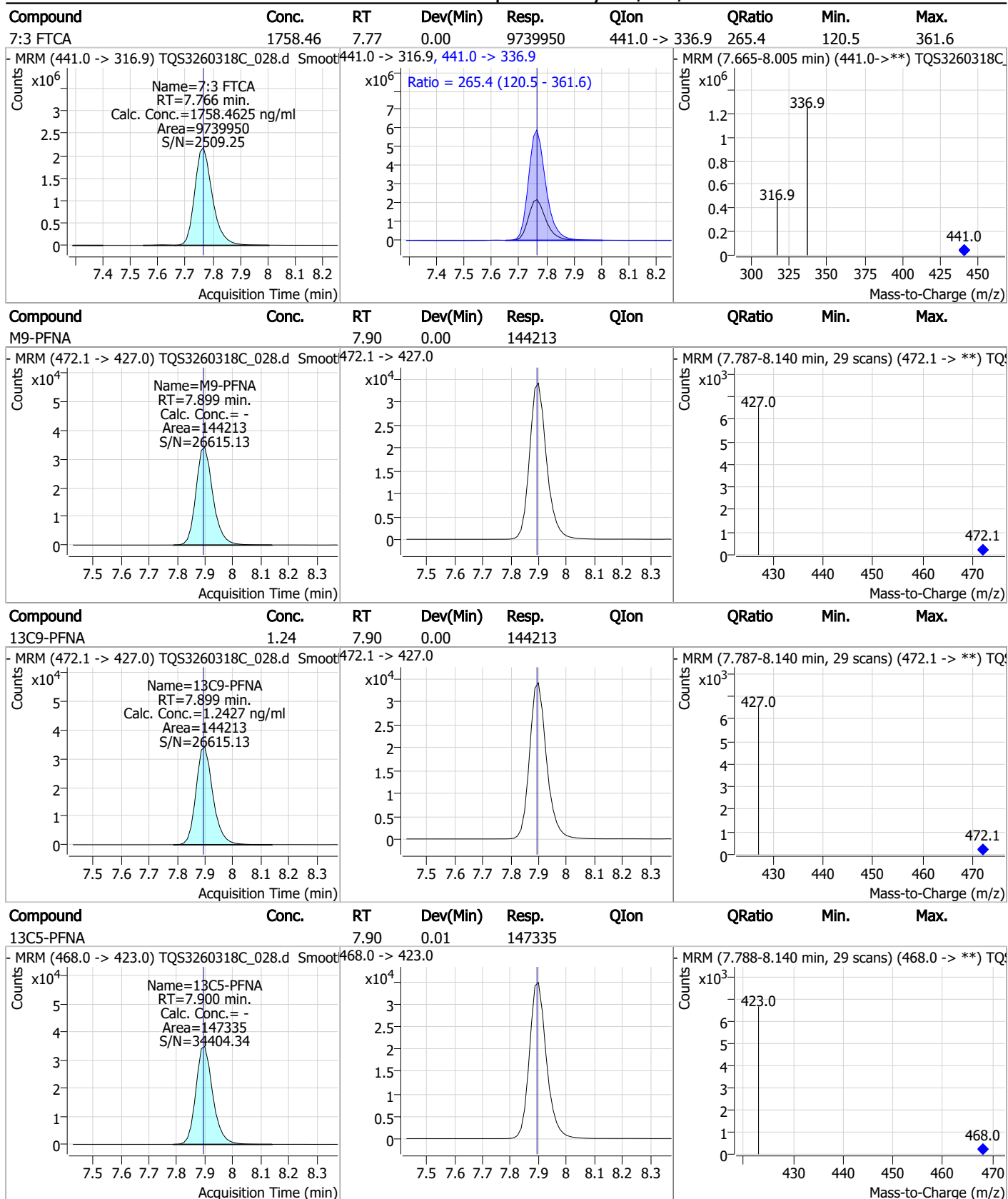
Perfluorinated Compounds by LC/MS/MS



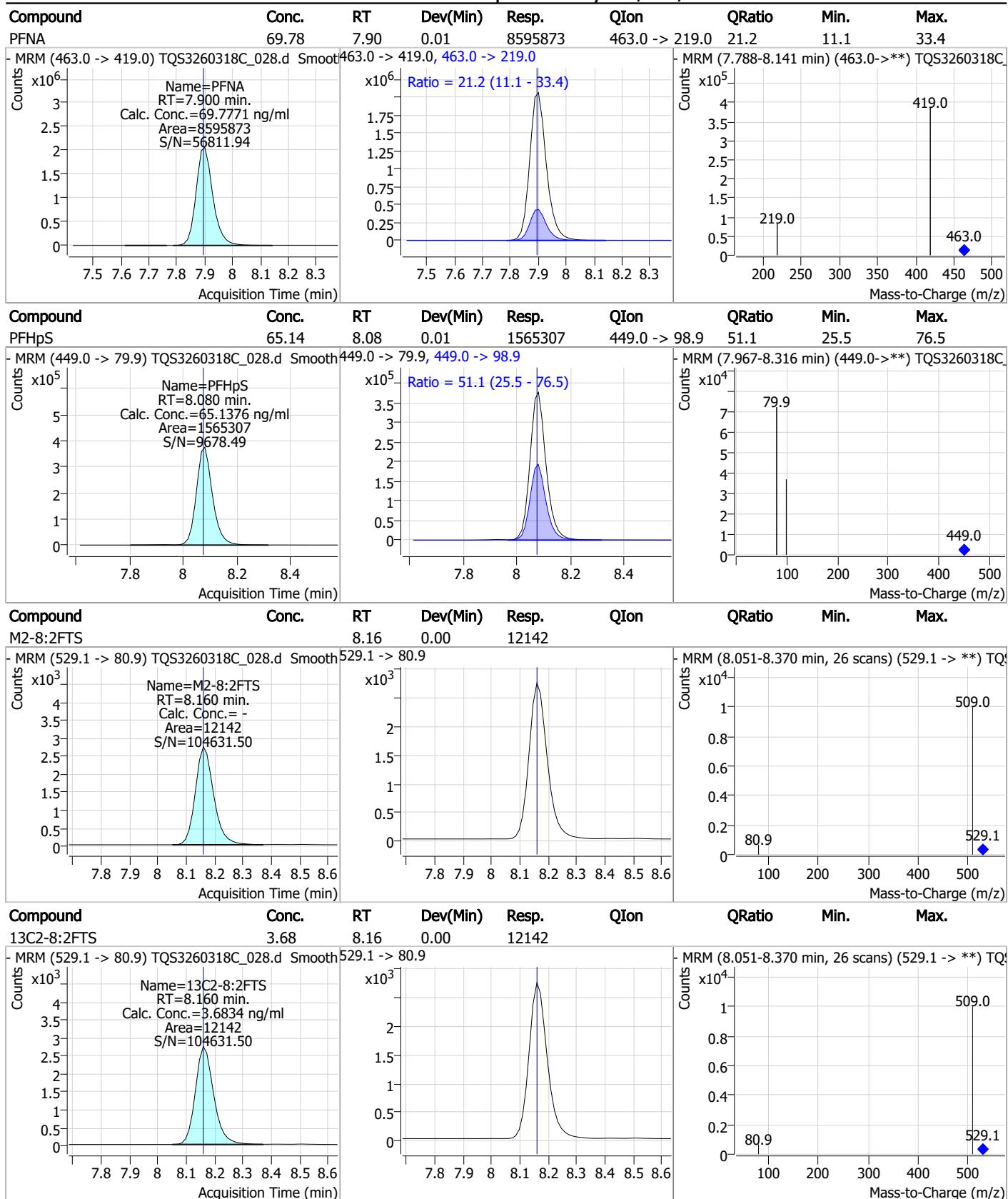
Perfluorinated Compounds by LC/MS/MS



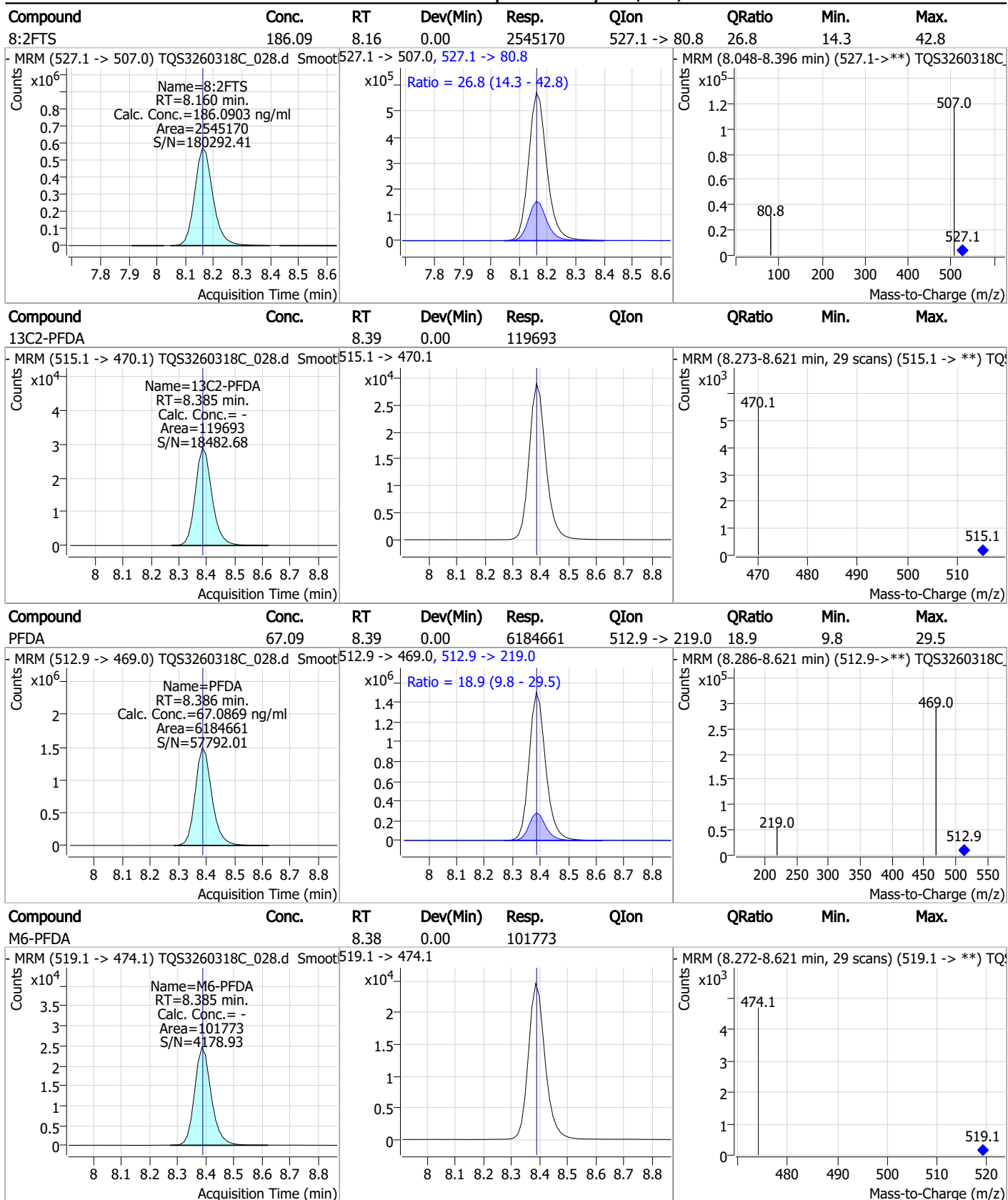
Perfluorinated Compounds by LC/MS/MS



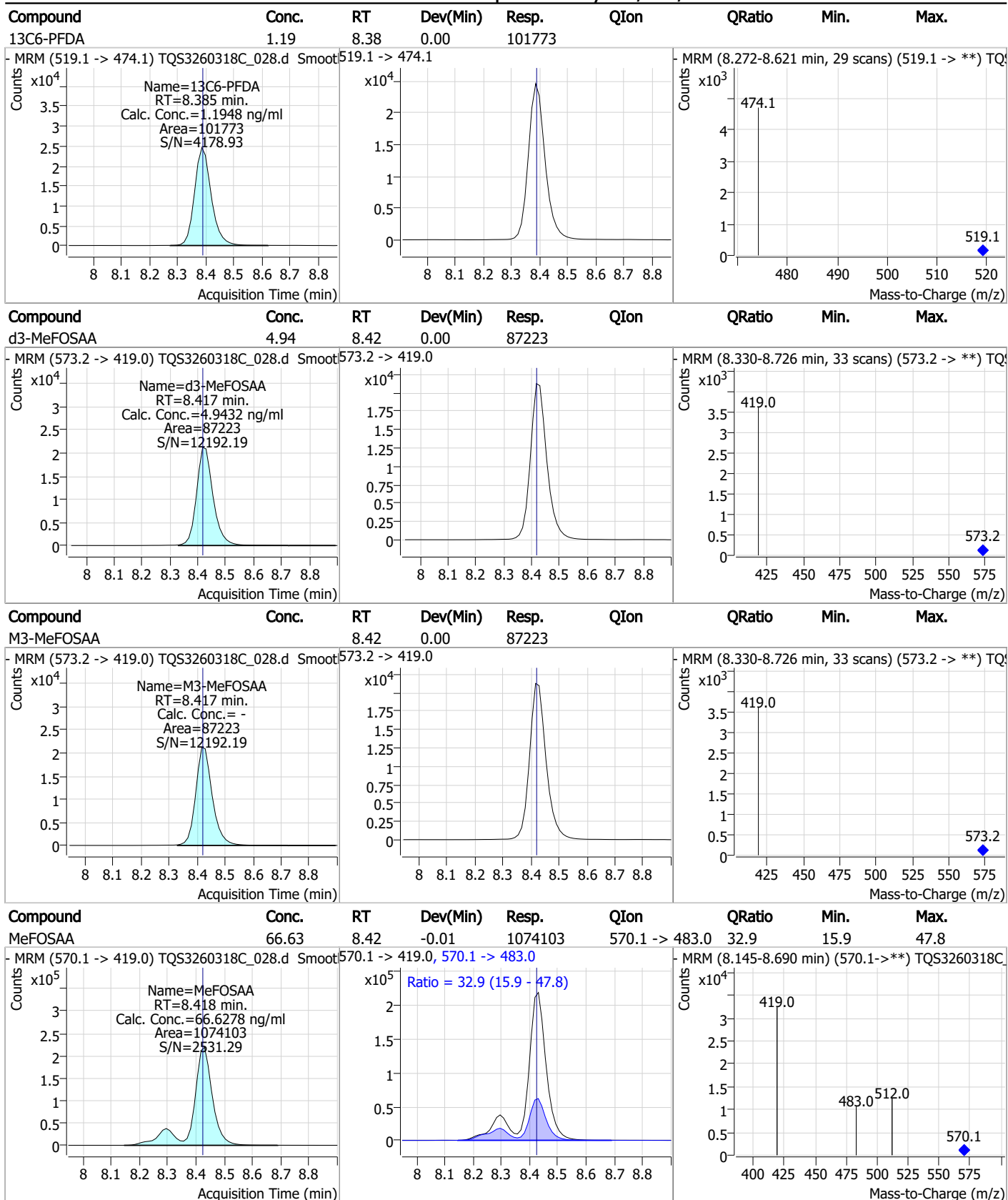
Perfluorinated Compounds by LC/MS/MS



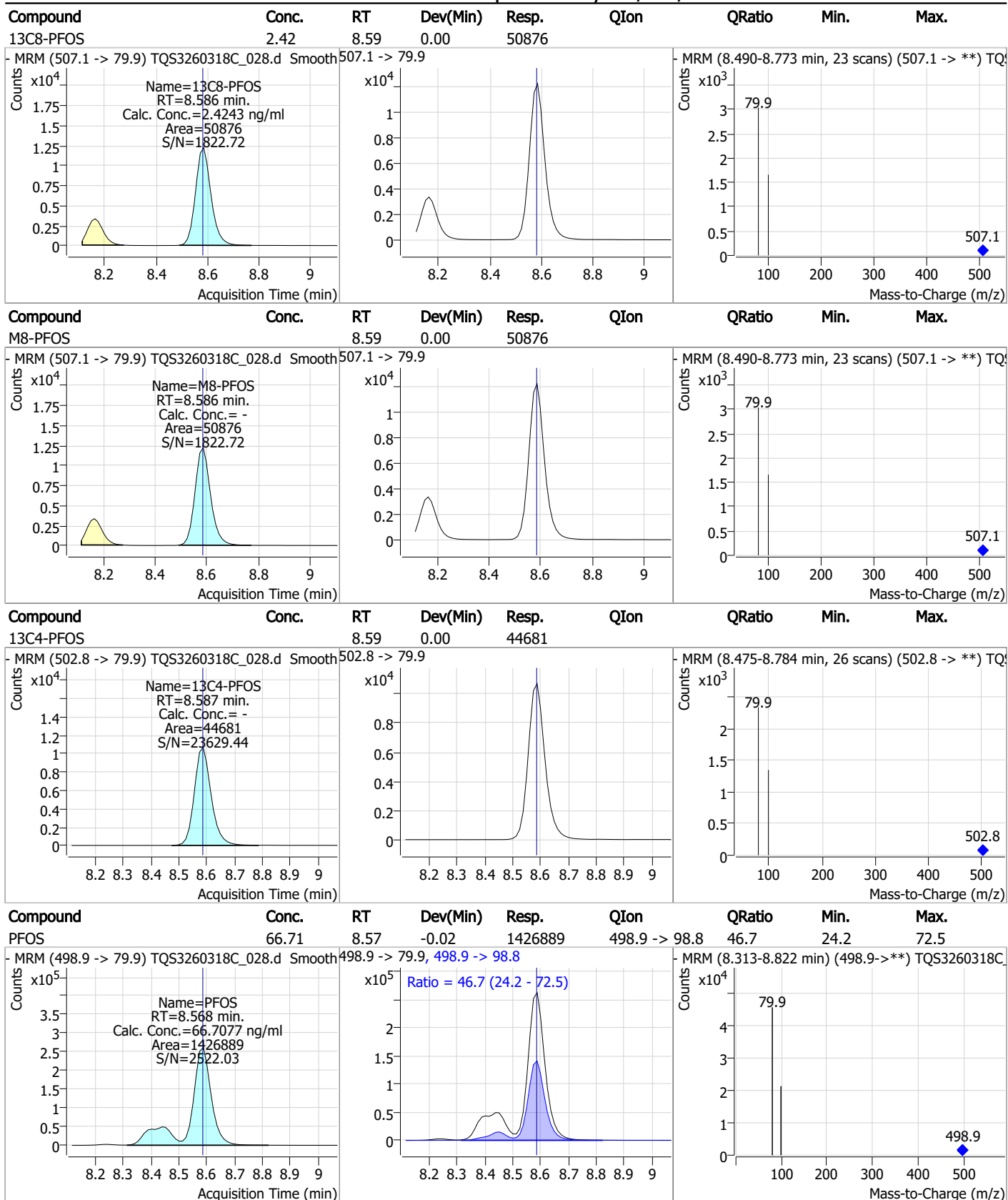
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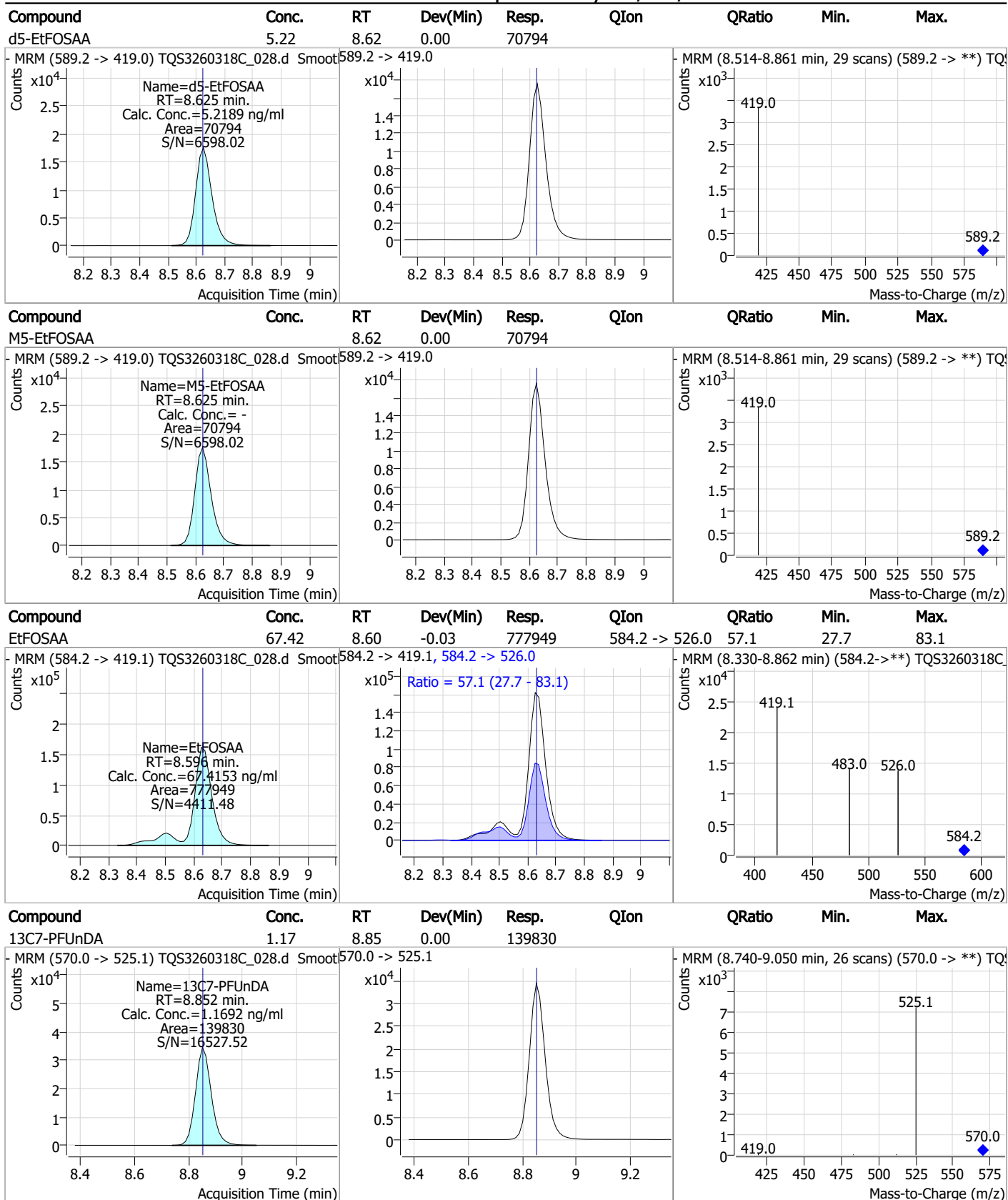
Perfluorinated Compounds by LC/MS/MS



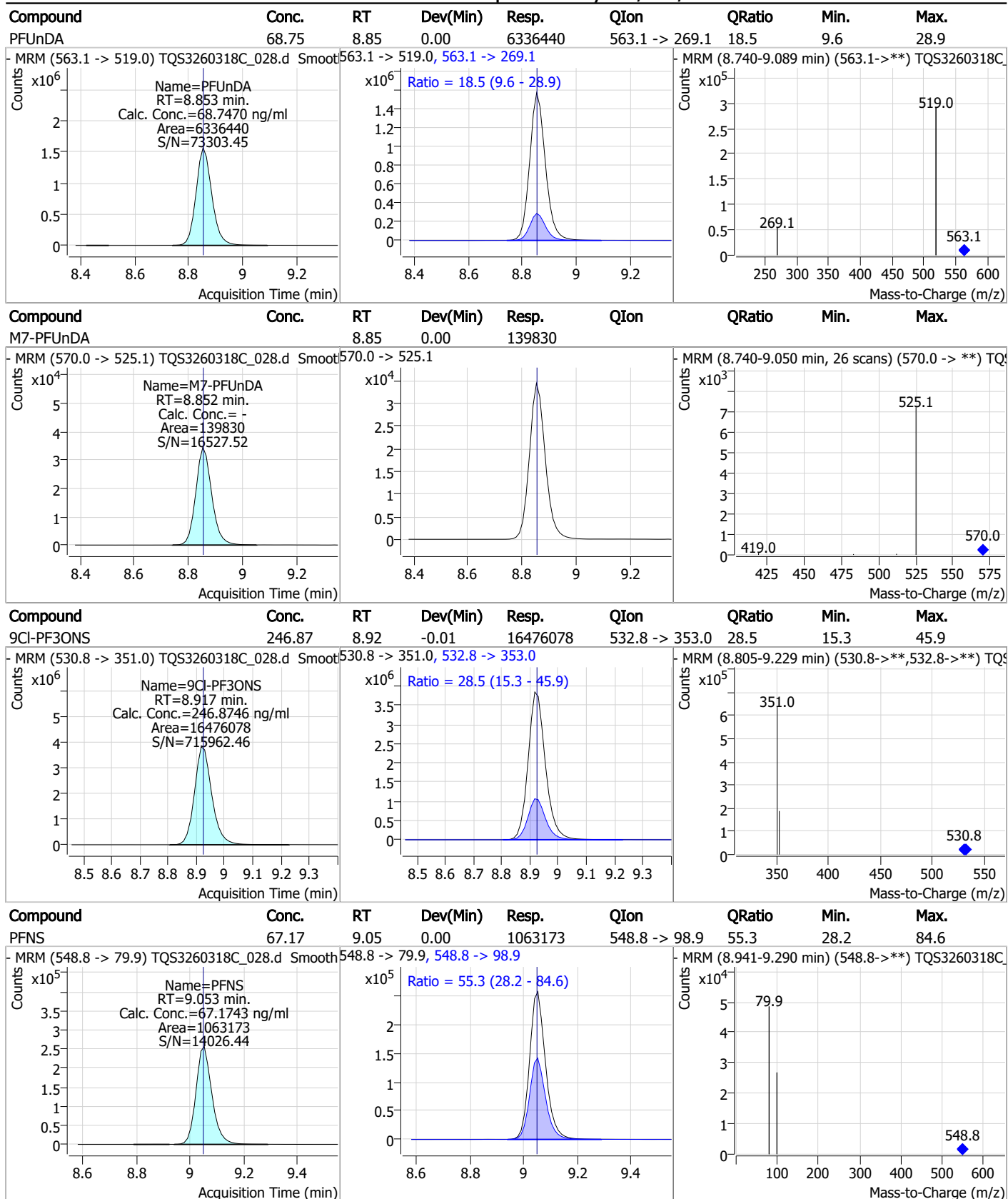
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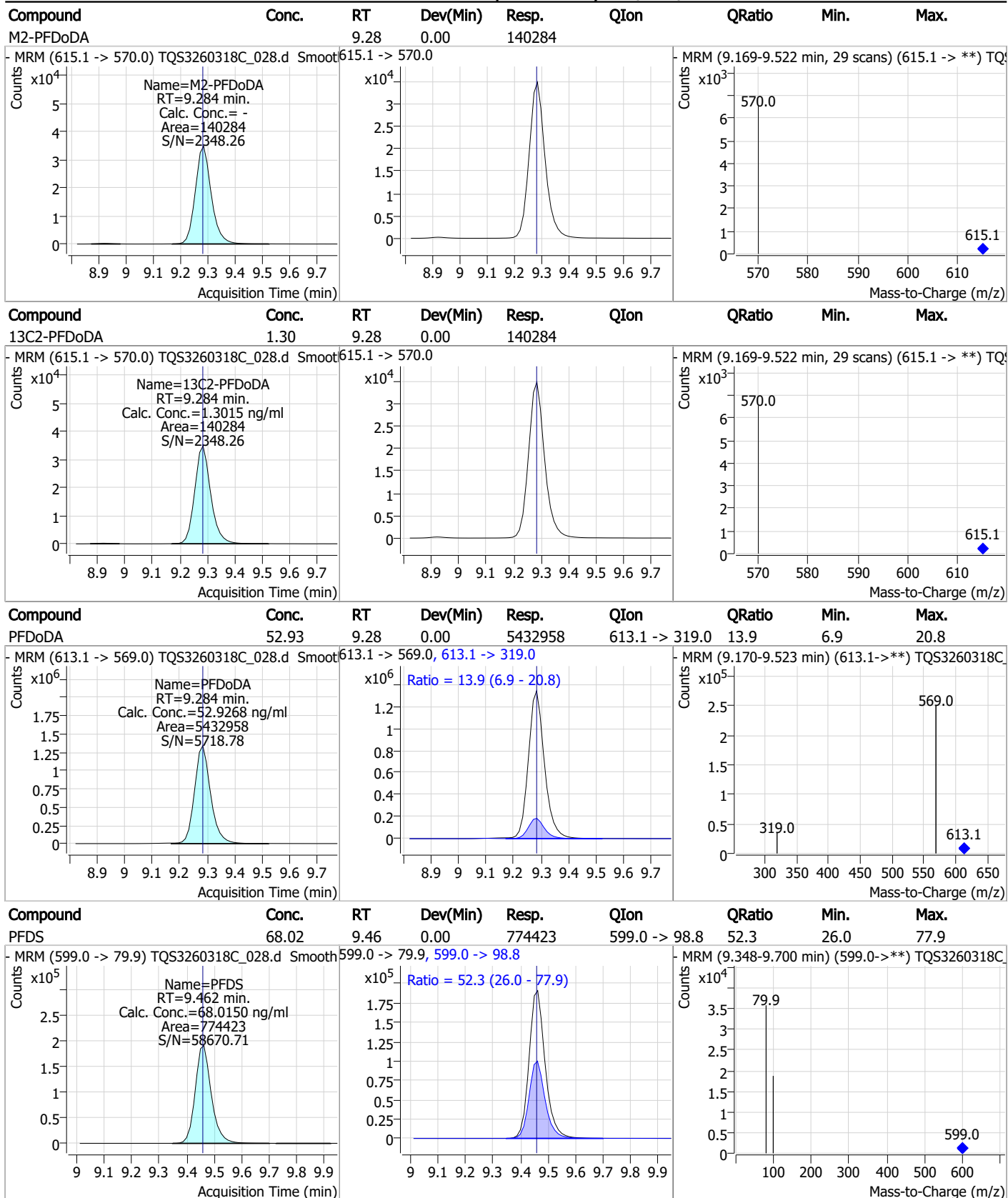
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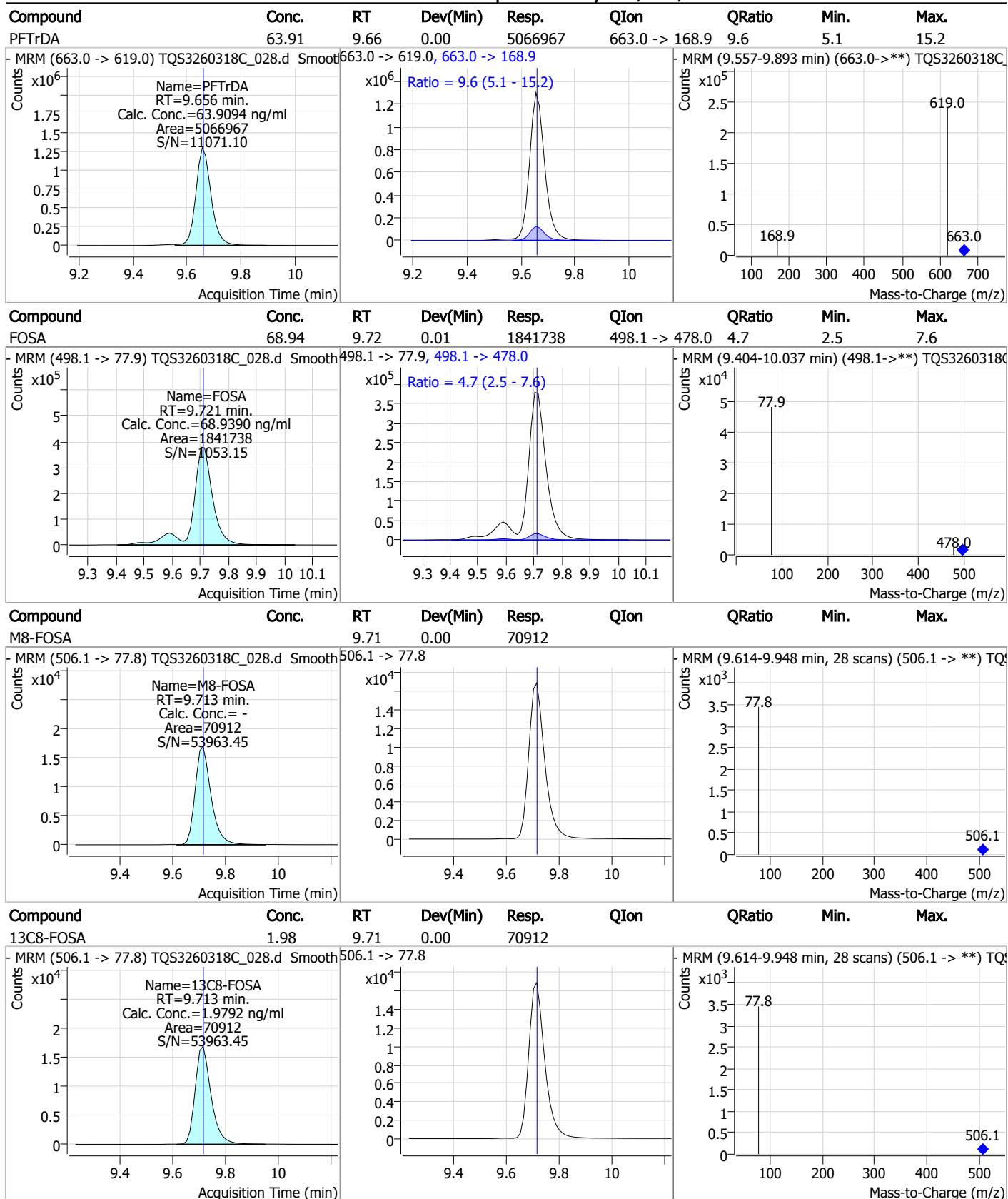
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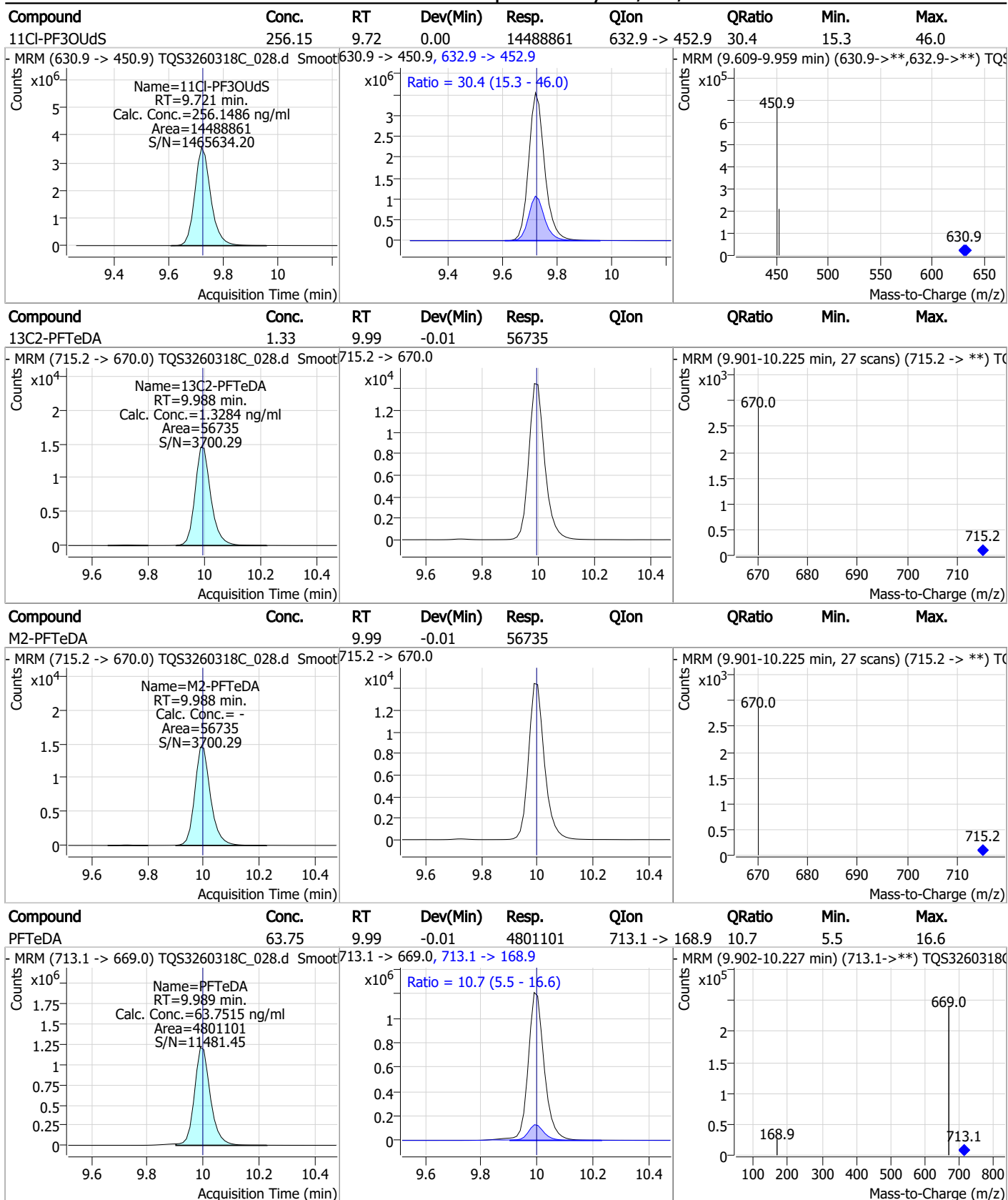
Perfluorinated Compounds by LC/MS/MS



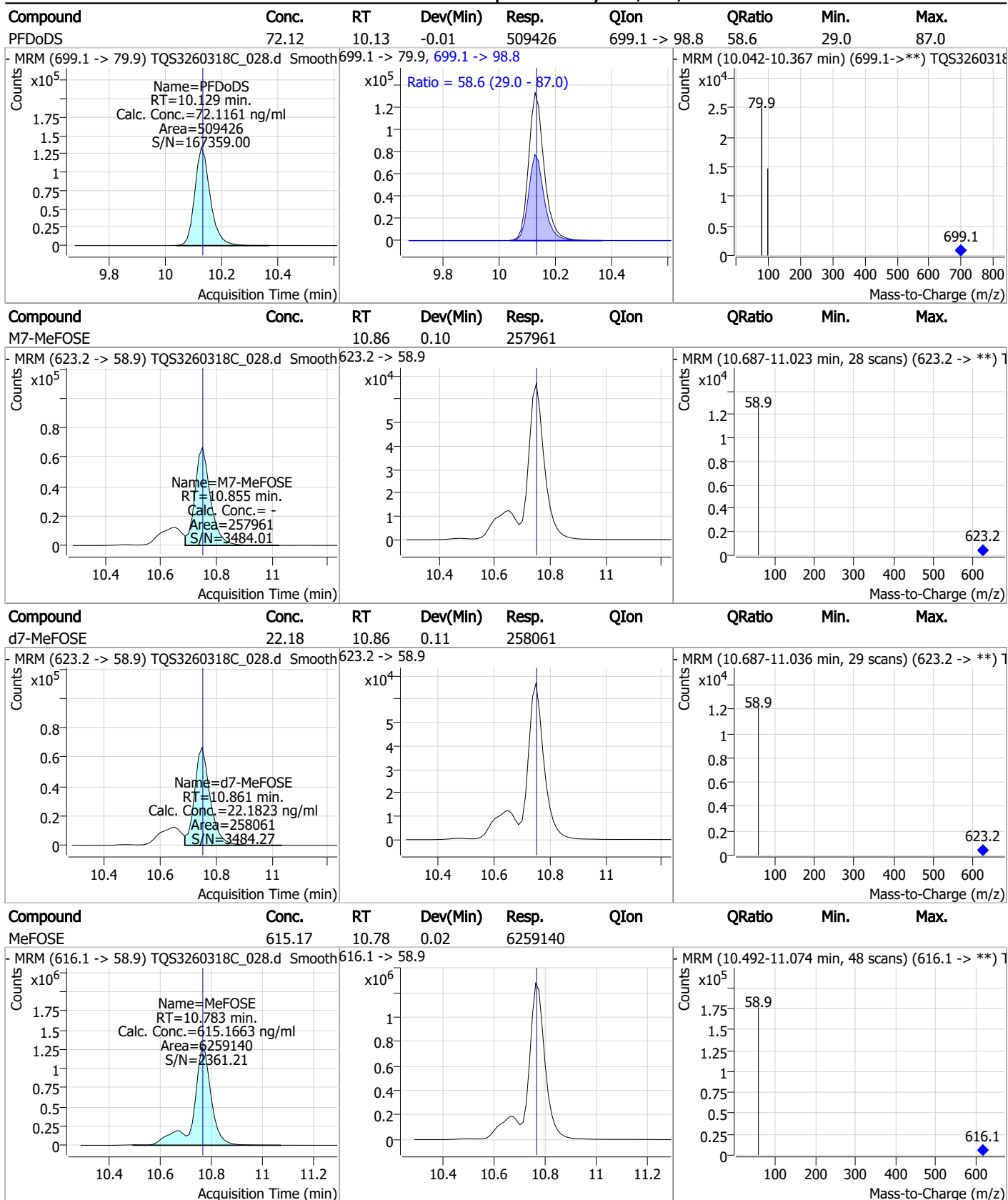
Perfluorinated Compounds by LC/MS/MS



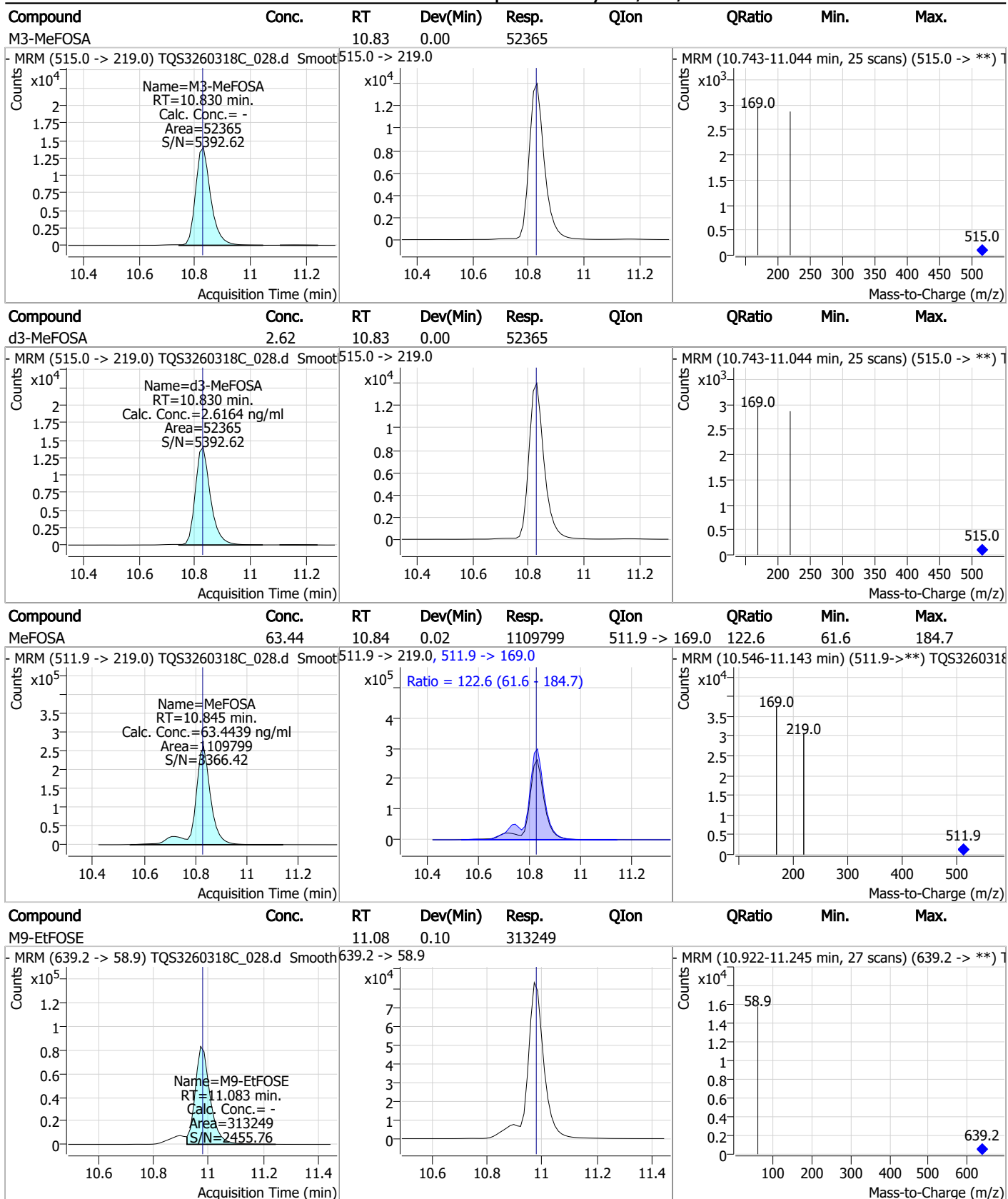
Perfluorinated Compounds by LC/MS/MS



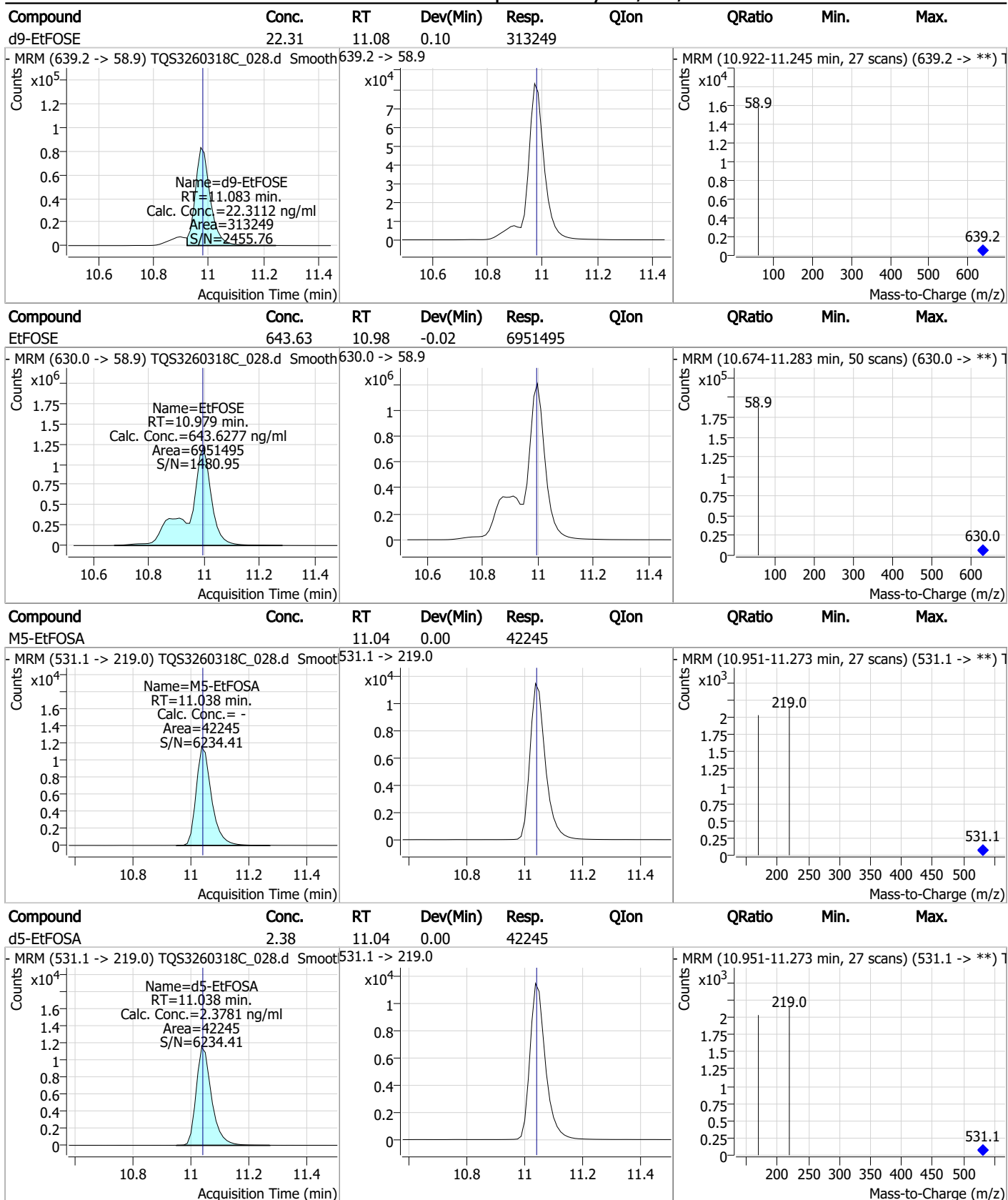
Perfluorinated Compounds by LC/MS/MS

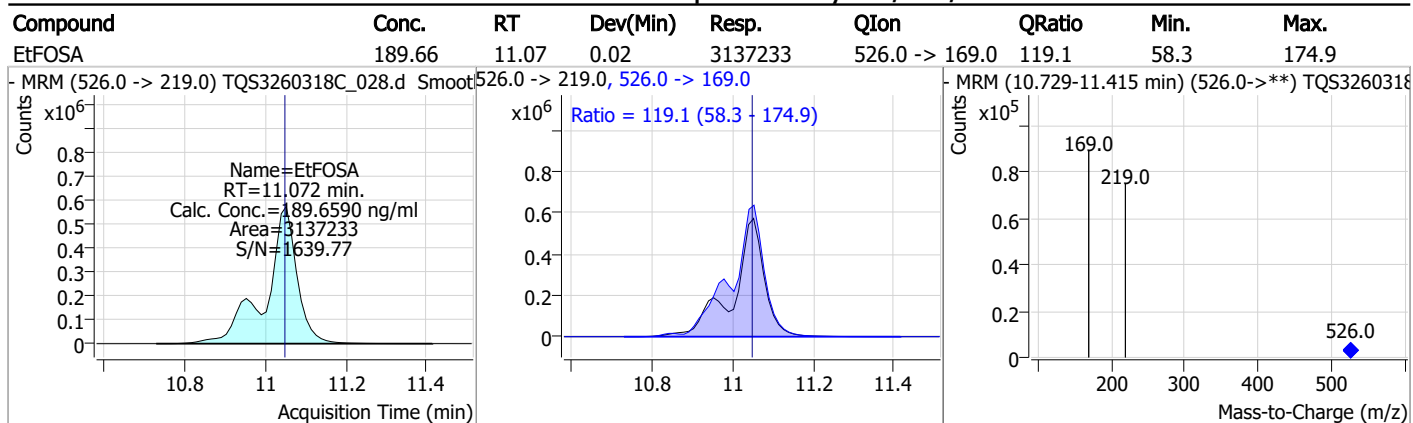


Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS





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 Operator :
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 12:42:50 AM
 Sample Name : IB
 Vial : P3-A2
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3913_ICAL_C_1633.batch.bin
 Sample Information : AXYS ICAL0 INSTRUMENT BLK

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Internal Standards					
13C2-PFDA	8.385	515.1 -> 470.1	129697	1.25 ng/ml	0.000
13C2-PFHxA	5.870	315.1 -> 270.0	265955	2.50 ng/ml	0.008
13C3-PFBA	3.177	216.0 -> 172.0	418290	5.00 ng/ml	0.004
13C4-PFOA	7.369	417.1 -> 372.0	433897	2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	49398	2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	173592	1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	43478	2.50 ng/ml	0.002
M2-4:2FTS	5.520	329.1 -> 80.9	13423	5.00 ng/ml	0.011
M2-6:2FTS	7.130	429.1 -> 80.9	19494	5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	20418	5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	149897	1.25 ng/ml	0.003
M2-PFTeDA	9.988	715.2 -> 670.0	59648	1.25 ng/ml	-0.009
M3-HFPO-DA	6.235	286.9 -> 168.9	320847	10.00 ng/ml	0.000
M3-MeFOSA	10.830	515.0 -> 219.0	56322	2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	103921	5.00 ng/ml	-0.004
M3-PFBS	5.848	302.1 -> 79.9	94711	2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	73695	2.50 ng/ml	0.002
M4-PFBA	3.173	216.8 -> 171.9	1003665	10.00 ng/ml	0.000
M4-PFHpA	6.751	367.1 -> 322.0	274057	2.50 ng/ml	0.002
M5-EtFOSA	11.038	531.1 -> 219.0	53204	2.50 ng/ml	-0.004
M5-EtFOSAA	8.625	589.2 -> 419.0	78809	5.00 ng/ml	-0.001
M5-PFHxA	5.868	318.0 -> 273.0	307076	2.50 ng/ml	0.006
M5-PFPeA	4.637	268.3 -> 223.0	442464	5.00 ng/ml	-0.005
M6-PFDA	8.385	519.1 -> 474.1	120221	1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	356842	25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	170939	1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	108065	2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	412694	2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	58763	2.50 ng/ml	0.002
M9-EtFOSE	11.083	639.2 -> 58.9	427326	25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	173568	1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.520	329.1 -> 80.9	13423	5.69 ng/ml	0.011
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 113.8%	
13C2-6:2FTS	7.130	429.1 -> 80.9	19494	5.29 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 105.9%	
13C2-8:2FTS	8.160	529.1 -> 80.9	20418	5.10 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 101.9%	
13C2-PFDoDA	9.284	615.1 -> 570.0	149897	1.28 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 102.7%	
13C2-PFTeDA	9.988	715.2 -> 670.0	59648	1.29 ng/ml	-0.008
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 103.1%	
13C3-HFPO-DA	6.235	286.9 -> 168.9	320847	9.69 ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 96.9%	
d3-MeFOSA	10.830	515.0 -> 219.0	56322	2.55 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 101.8%	
d3-MeFOSAA	8.417	573.2 -> 419.0	103921		5.33 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 106.5%	
13C3-PFBS	5.848	302.1 -> 79.9	94711		2.47 ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 98.7%	
13C3-PFHxS	7.523	402.1 -> 79.9	73695		2.56 ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 102.2%	
13C4-PFBA	3.174	216.8 -> 171.9	1010440		10.23 ng/ml	0.002
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 102.3%	
13C4-PFHpA	6.751	367.1 -> 322.0	274057		2.57 ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 102.8%	
d5-EtFOSA	11.038	531.1 -> 219.0	53204		2.71 ng/ml	-0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 108.4%	
d5-EtFOSAA	8.625	589.2 -> 419.0	78809		5.25 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 105.1%	
13C5-PFHxA	5.868	318.0 -> 273.0	307076		2.55 ng/ml	0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 102.0%	
13C5-PFPeA	4.637	268.3 -> 223.0	442464		5.11 ng/ml	-0.003
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 102.2%	
13C6-PFDA	8.385	519.1 -> 474.1	120221		1.30 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 104.2%	
d7-MeFOSE	10.861	623.2 -> 58.9	357109		27.76 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 111.1%	
13C7-PFUnDA	8.852	570.0 -> 525.1	170939		1.32 ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 105.5%	
13C8-FOSA	9.713	506.1 -> 77.8	108065		2.73 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 109.1%	
13C8-PFOA	7.369	421.1 -> 376.0	412694		2.57 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 102.7%	
13C8-PFOS	8.586	507.1 -> 79.9	58763		2.53 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 101.3%	
d9-EtFOSE	11.083	639.2 -> 58.9	427326		27.53 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 110.1%	
13C9-PFNA	7.899	472.1 -> 427.0	173568		1.27 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 101.6%	

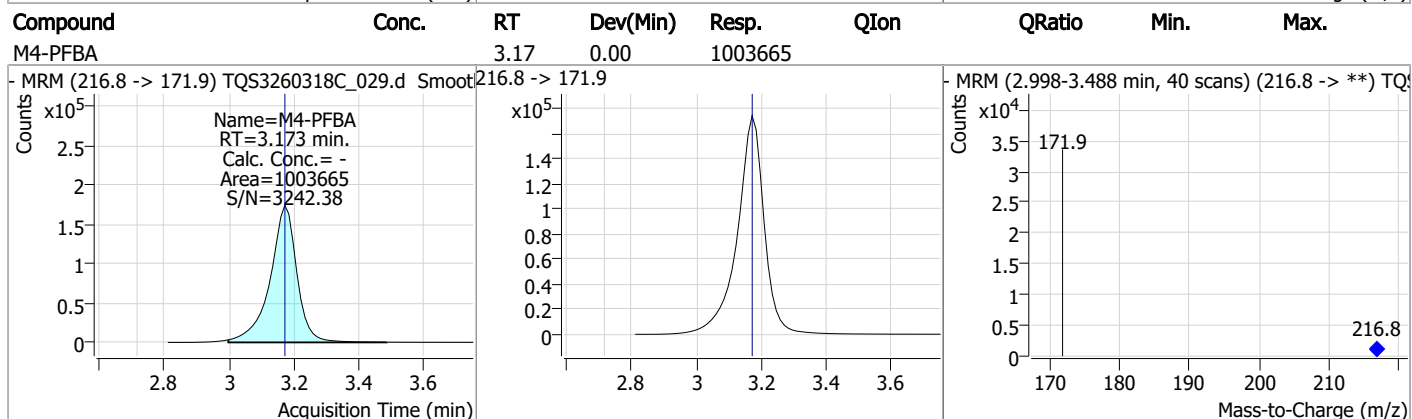
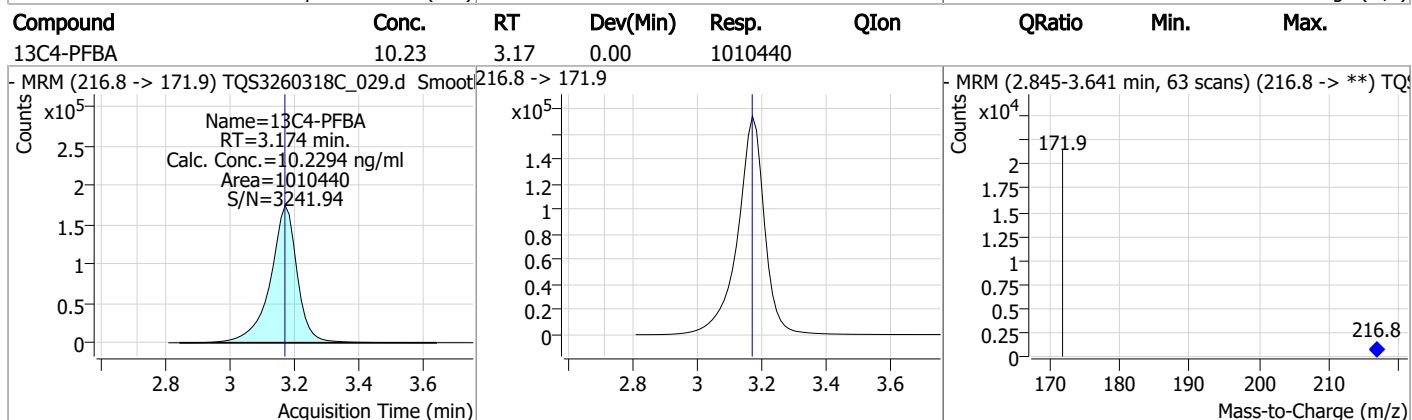
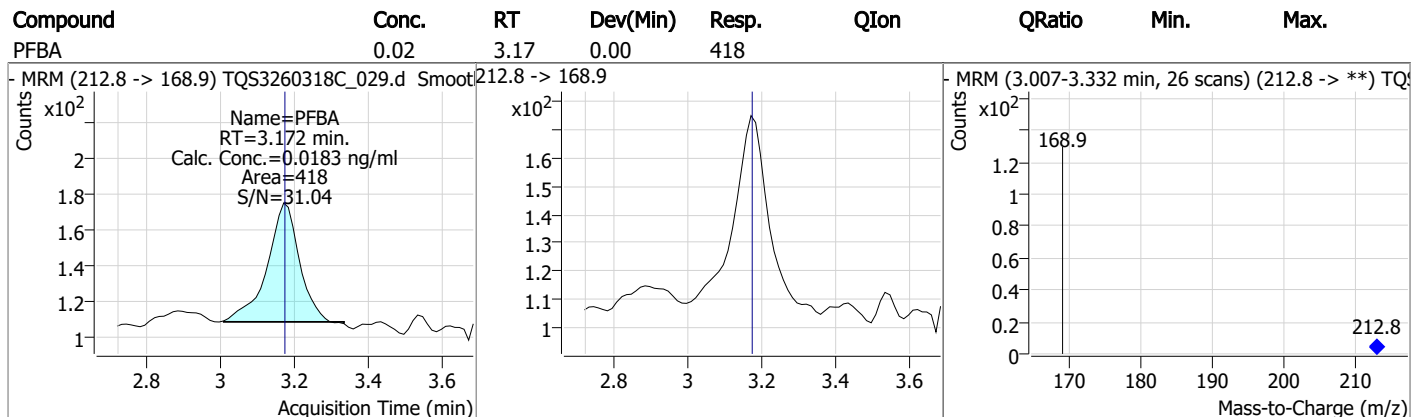
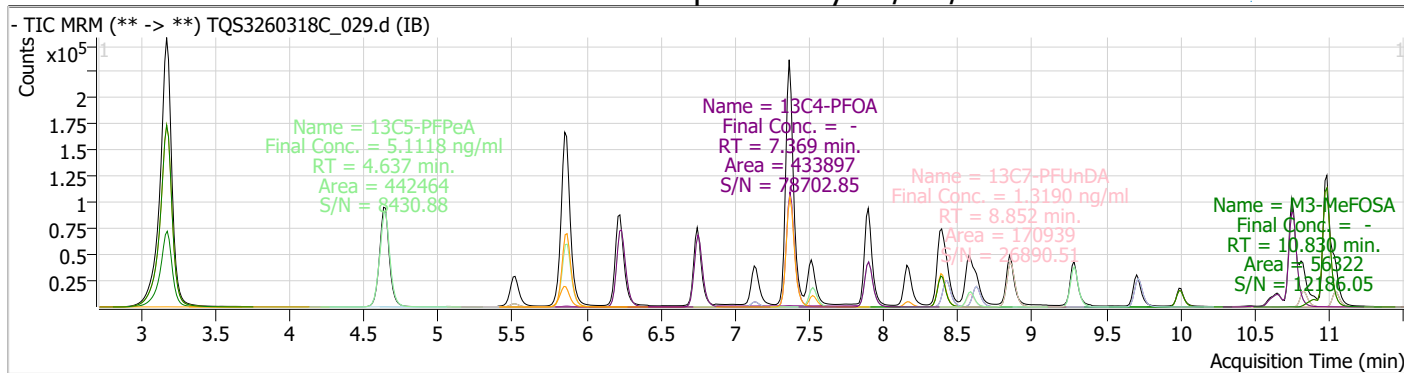
Target Compounds

						QValue
11CI-PF3OUdS	9.721	630.9 -> 450.9	1580		0.02 ng/ml	98
TDCA	-	498.9 -> 79.9	-	-	N.D.	
3:3 FTCA	-	241.0 -> 177.0	-	-	N.D.	
4:2FTS	-	327.1 -> 307.0	-	-	N.D.	
5:3 FTCA	6.402	341.0 -> 237.1	725		0.05 ng/ml	94
6:2FTS	7.106	427.1 -> 407.0	218		0.01 ng/ml	39
7:3 FTCA	7.766	441.0 -> 316.9	644		0.10 ng/ml	76
8:2FTS	8.160	527.1 -> 507.0	280		0.01 ng/ml	46
9CI-PF3ONS	8.930	530.8 -> 351.0	1020		0.01 ng/ml	# 1
ADONA	6.999	376.9 -> 250.9	875		0.00 ng/ml	90
EtFOSA	11.072	526.0 -> 219.0	1566		0.08 ng/ml	95
EtFOSAA	-	584.2 -> 419.1	-	-	N.D.	
EtFOSE	10.979	630.0 -> 58.9	4462		0.30 ng/ml	100
FOSA	9.721	498.1 -> 77.9	408		0.01 ng/ml	85
HFPO-DA	6.211	284.9 -> 168.9	141		0.00 ng/ml	73
MeFOSA	10.845	511.9 -> 219.0	367		0.02 ng/ml	95
MeFOSAA	8.418	570.1 -> 419.0	190		0.01 ng/ml	43
MeFOSE	10.783	616.1 -> 58.9	3271		0.23 ng/ml	100
NFDHA	5.740	295.0 -> 201.0	105		0.01 ng/ml	47
PFBA	3.172	212.8 -> 168.9	418		0.02 ng/ml	100

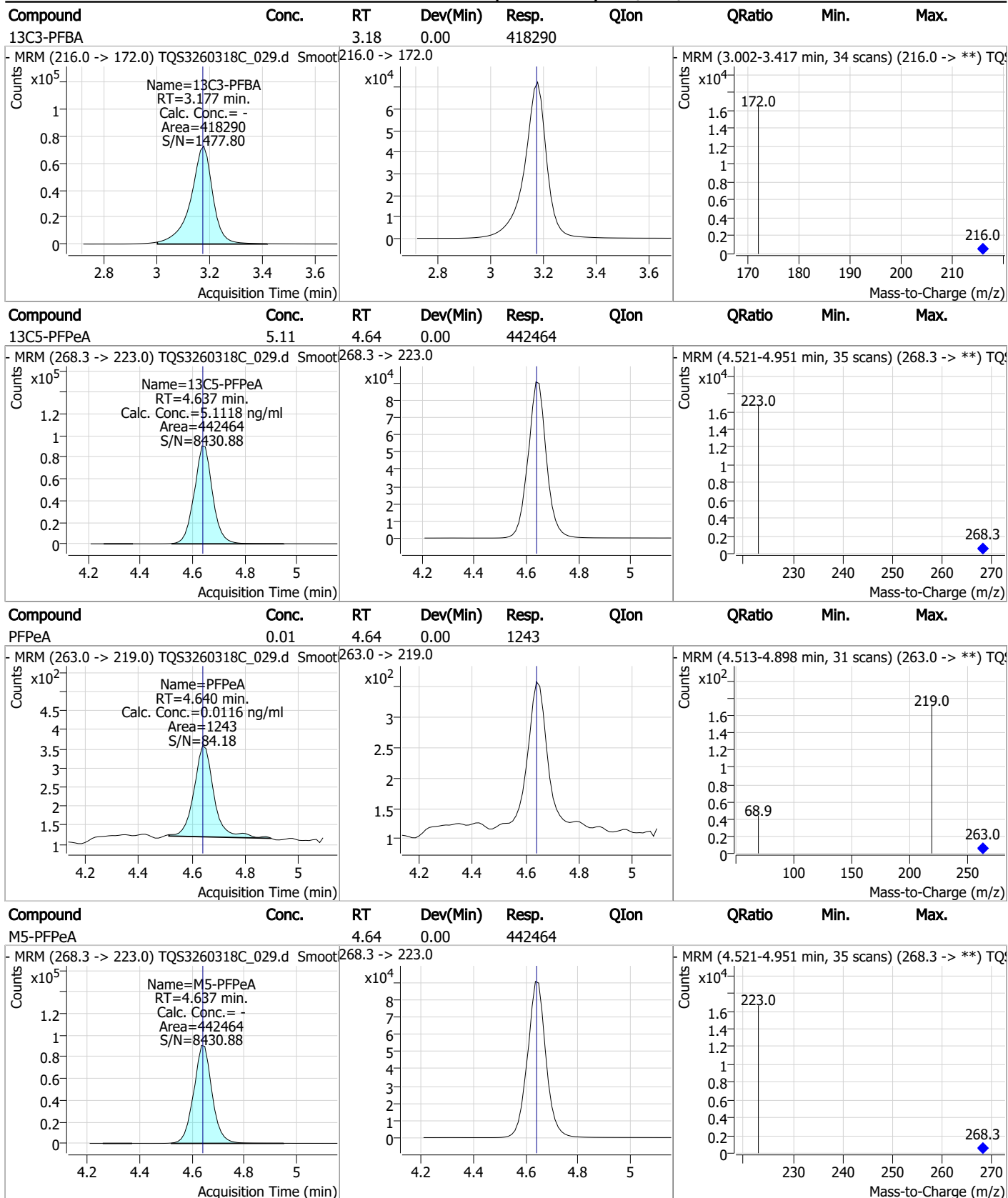
Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
PFBS	-	298.7 -> 79.9	-	-	N.D.	
PFDA	8.386	512.9 -> 469.0	290		0.00 ng/ml	57
PFDoDA	9.284	613.1 -> 569.0	857		0.01 ng/ml	66
PFDoDS	-	699.1 -> 79.9	-	-	N.D.	
PFDS	-	599.0 -> 79.9	-	-	N.D.	
PFEESA	-	314.8 -> 134.9	-	-	N.D.	
PFHpA	6.751	363.1 -> 319.0	1045		0.00 ng/ml	89
PFHpS	-	449.0 -> 79.9	-	-	N.D.	
PFHxA	5.871	313.0 -> 269.0	3434		0.02 ng/ml	91
PFHxS	7.504	398.7 -> 79.9	308		0.01 ng/ml	68
PFMBA	-	279.0 -> 85.1	-	-	N.D.	
PFMPA	-	229.0 -> 84.9	-	-	N.D.	
PFNA	7.900	463.0 -> 419.0	848		0.01 ng/ml	85
PFNS	-	548.8 -> 79.9	-	-	N.D.	
PFOA	7.358	413.0 -> 369.0	1638		0.01 ng/ml	92
PFOS	8.568	498.9 -> 79.9	226		0.01 ng/ml	29
PFPeA	4.640	263.0 -> 219.0	1243		0.01 ng/ml	100
PFPeS	-	349.1 -> 79.9	-	-	N.D.	
PFTeDA	9.989	713.1 -> 669.0	945		0.01 ng/ml	99
PFTTrDA	9.668	663.0 -> 619.0	560		0.01 ng/ml	73
PFUnDA	8.853	563.1 -> 519.0	483		0.00 ng/ml	57

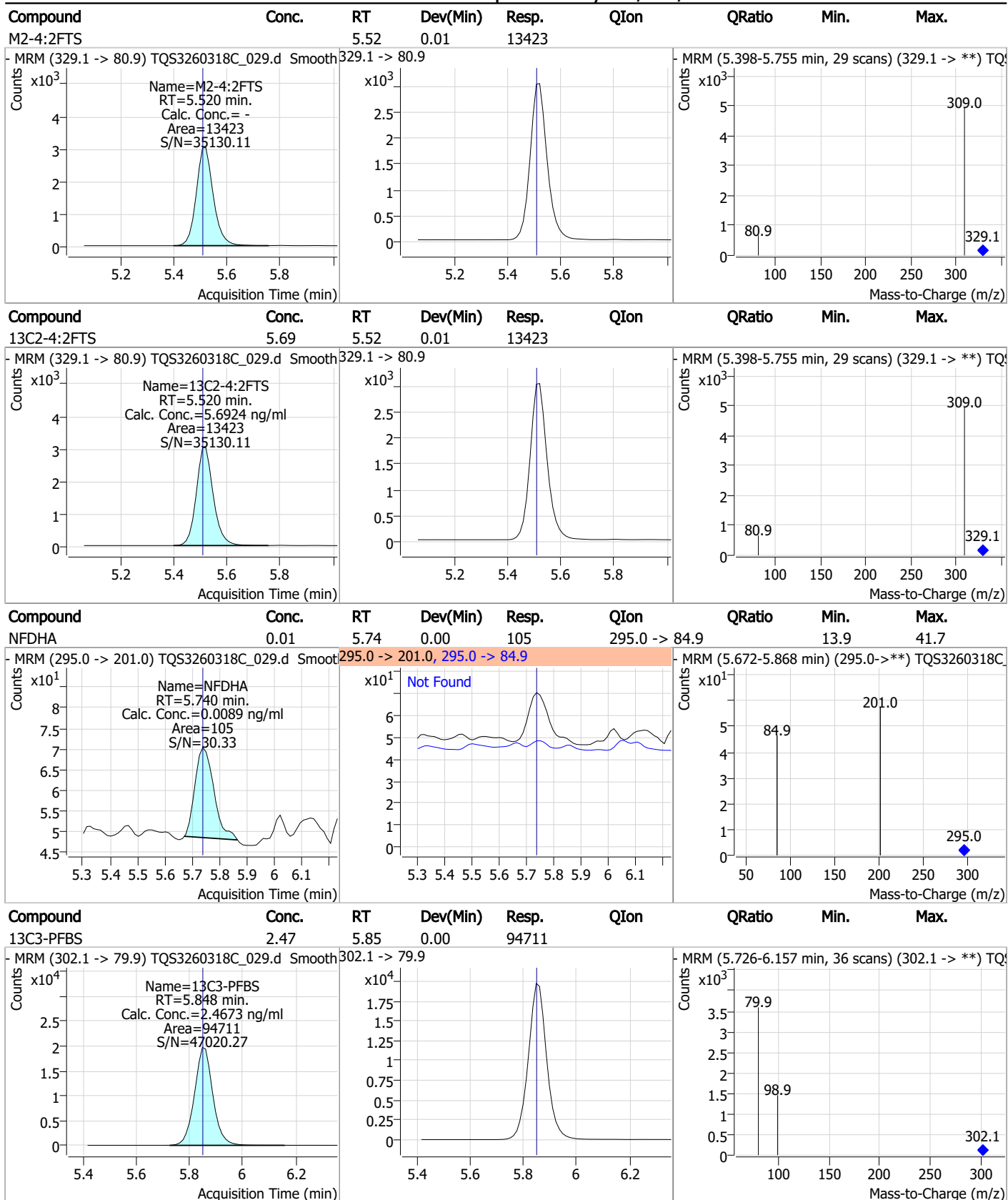
= Qualifier out of range, m = manually integrated, + = Area summed

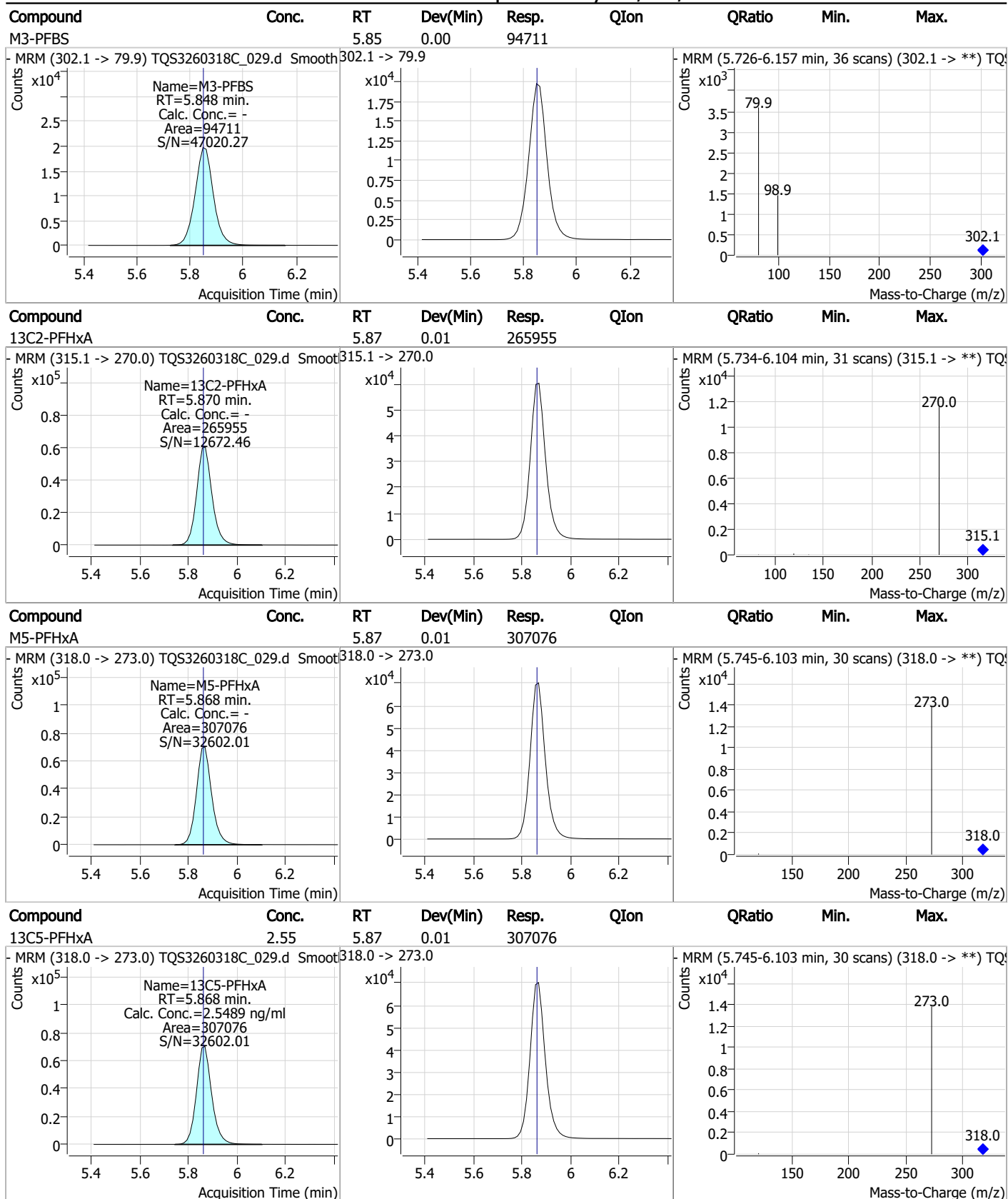


Perfluorinated Compounds by LC/MS/MS

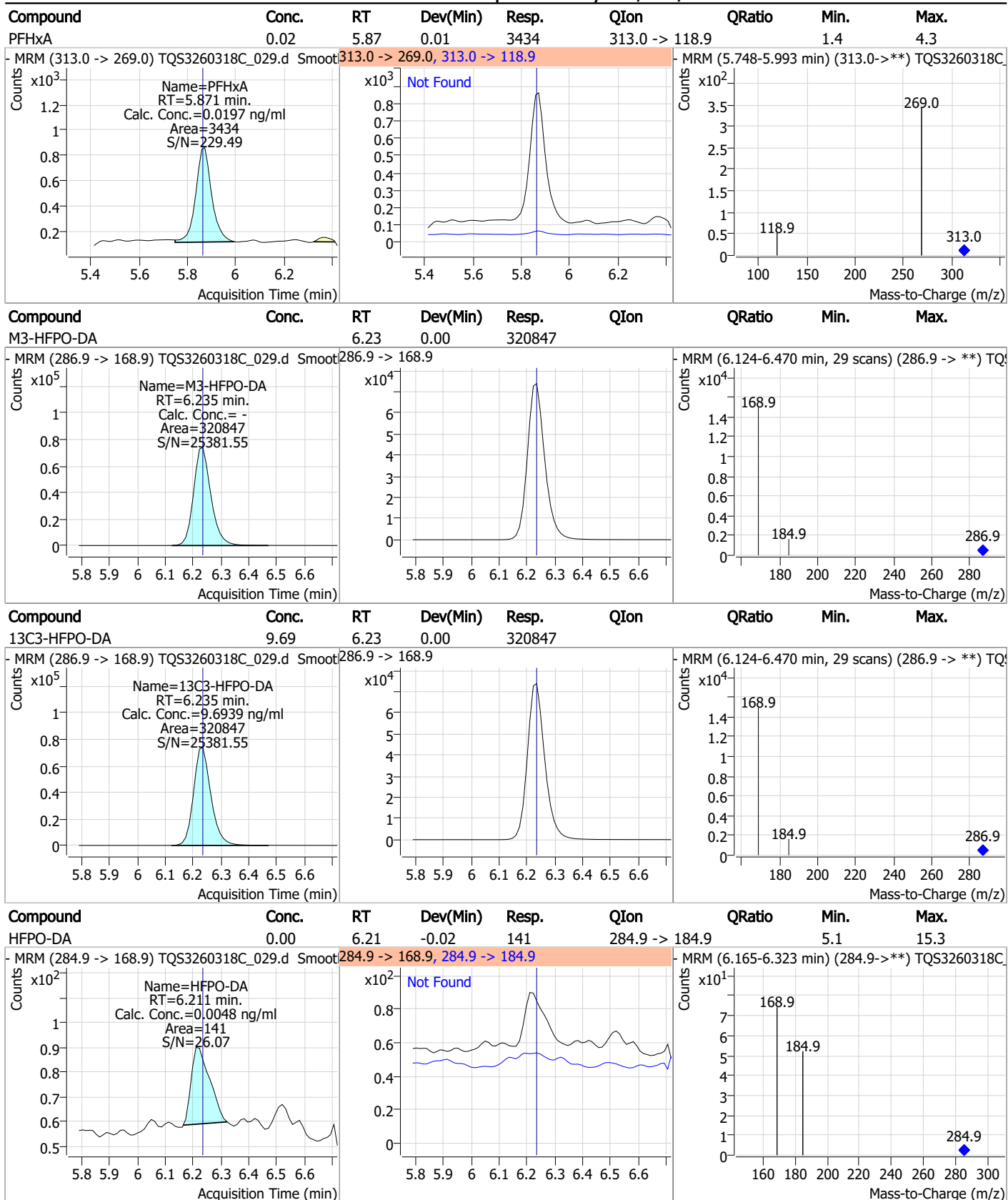


Perfluorinated Compounds by LC/MS/MS

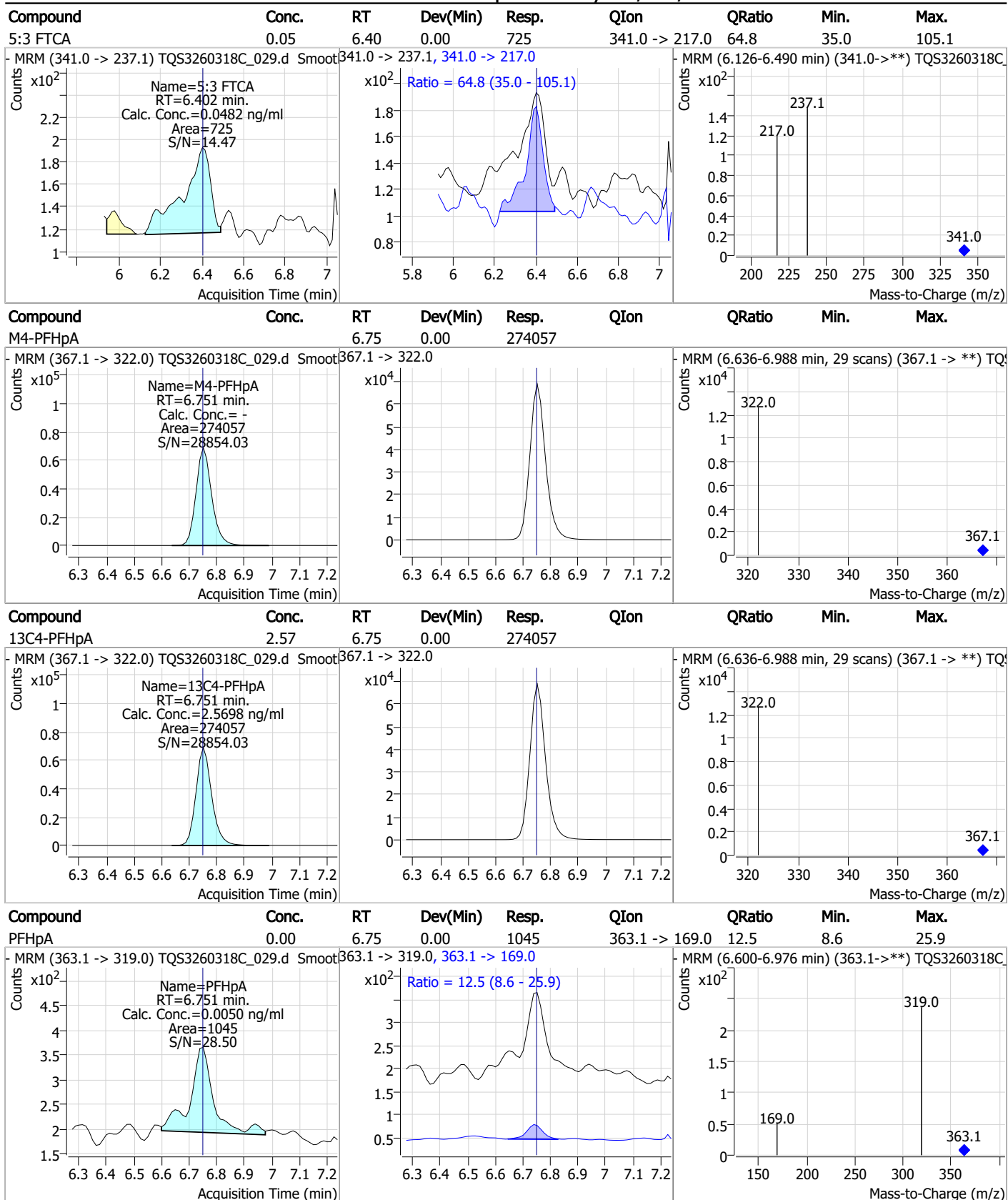




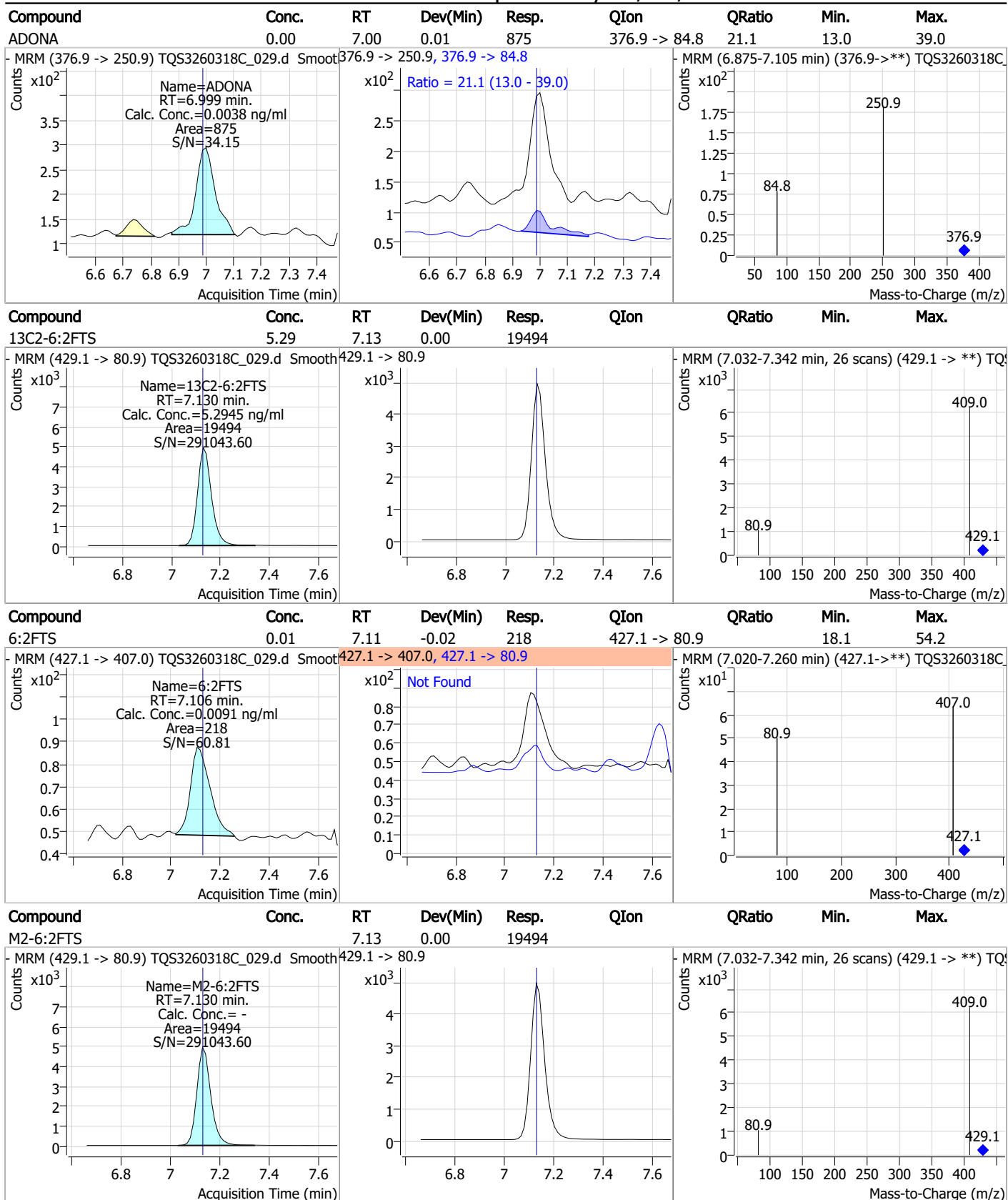
Perfluorinated Compounds by LC/MS/MS



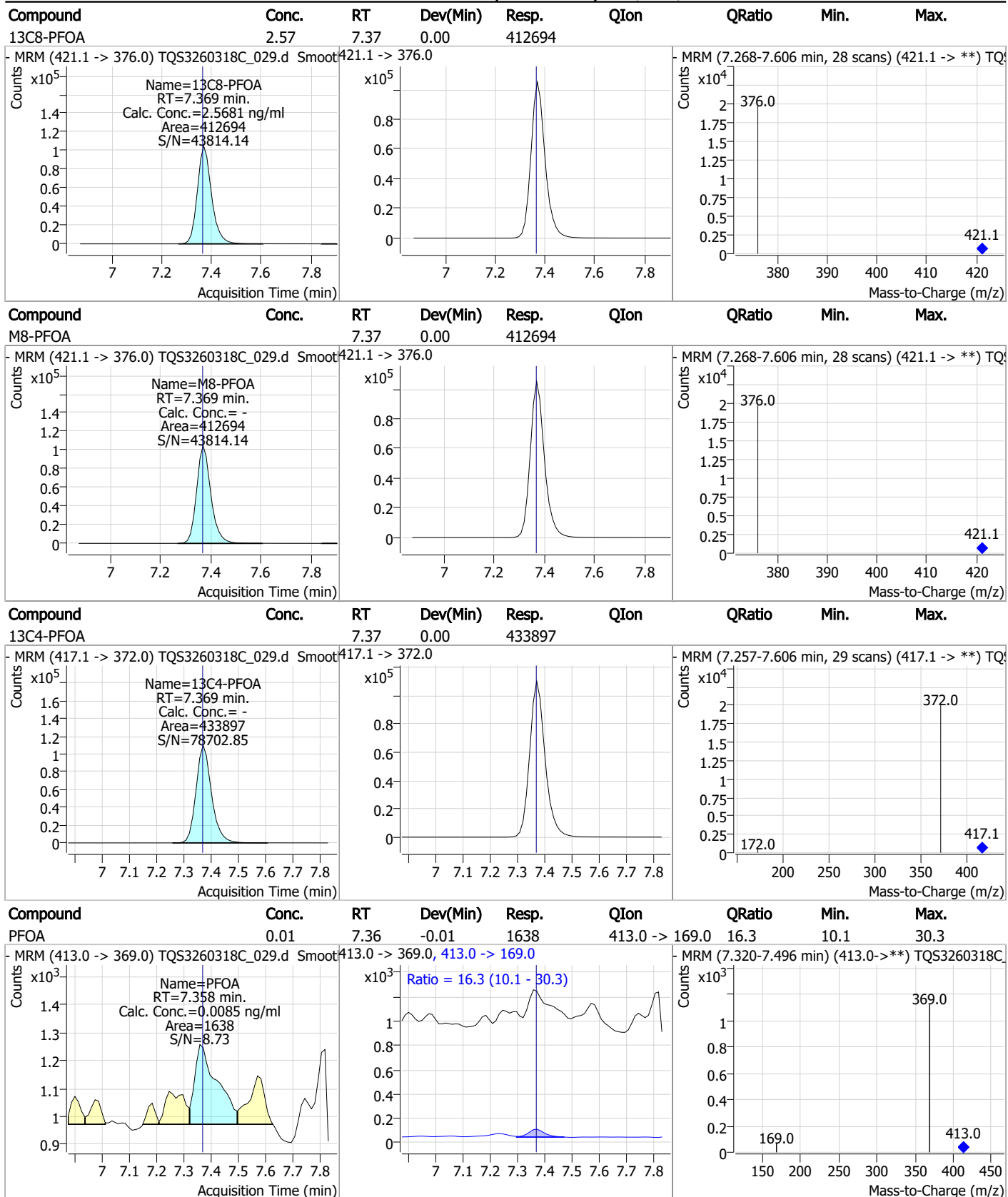
Perfluorinated Compounds by LC/MS/MS



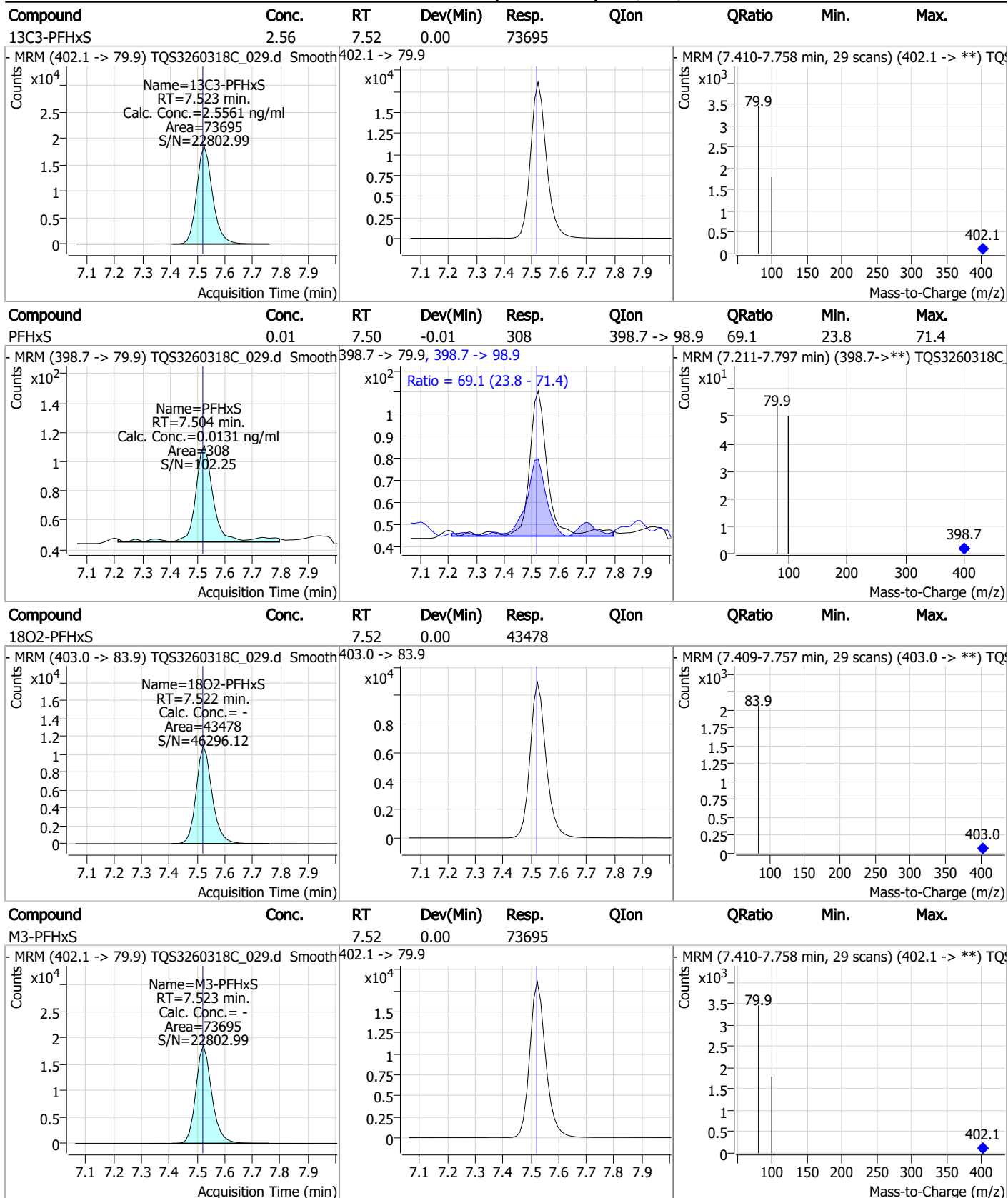
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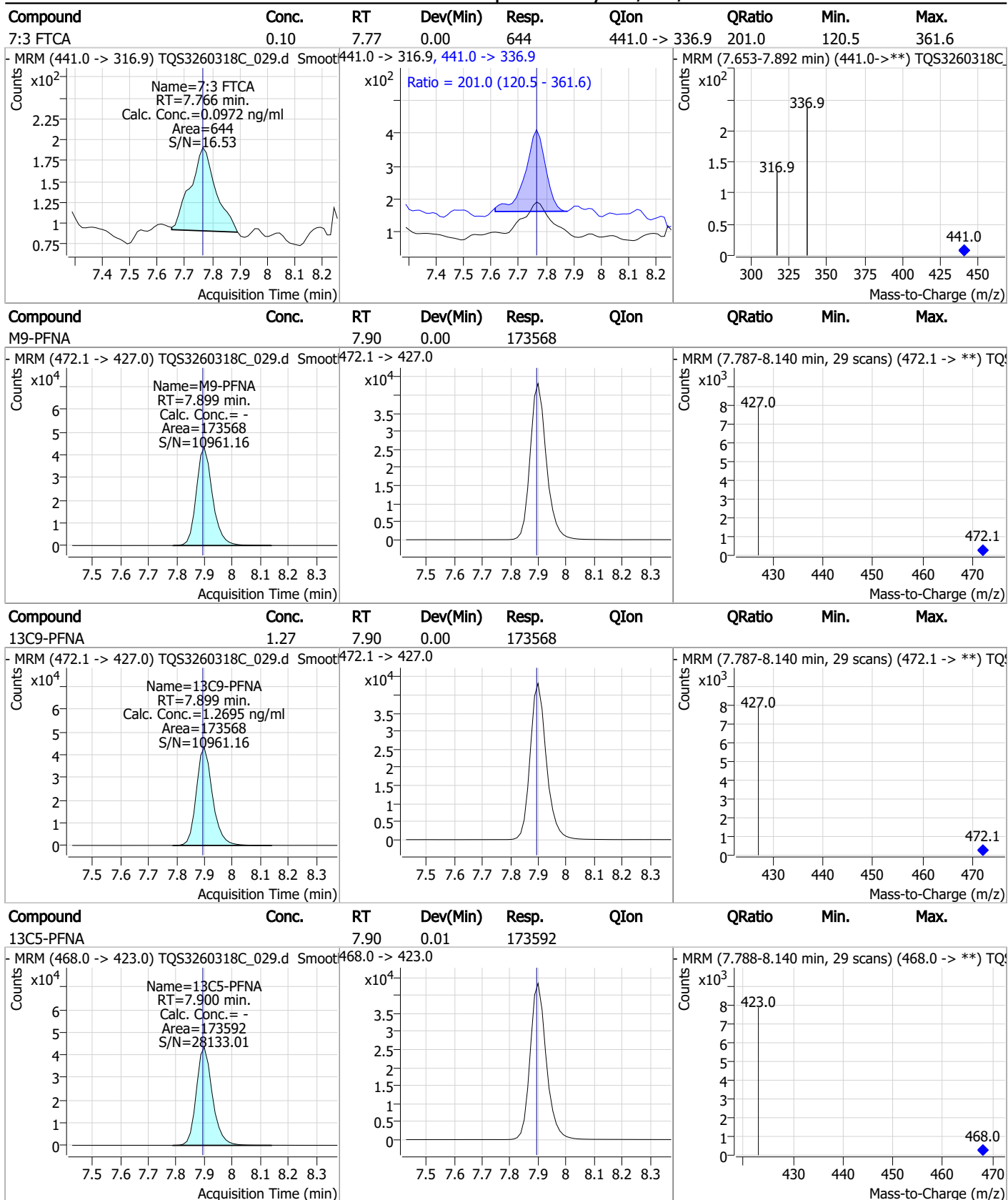
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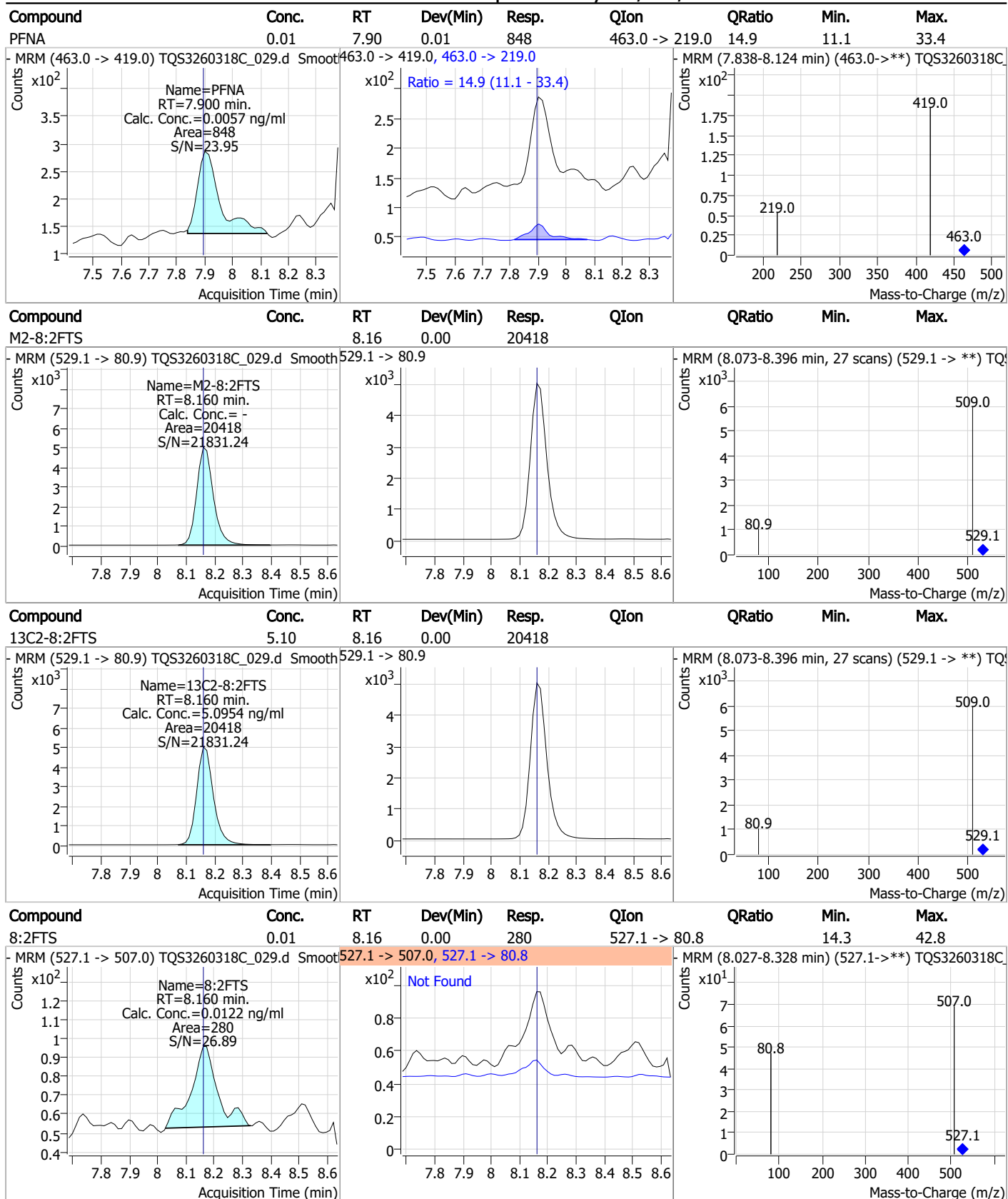
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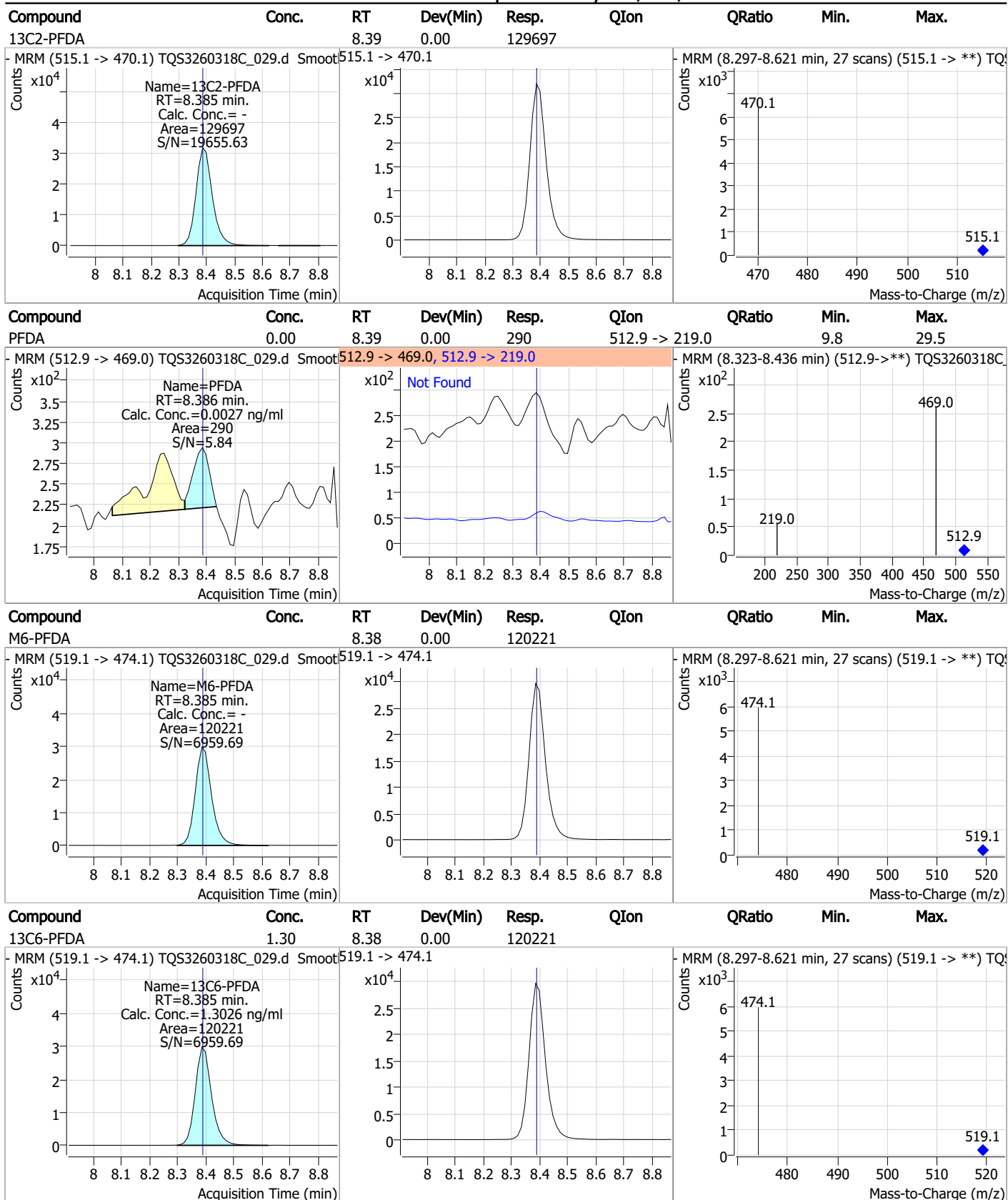
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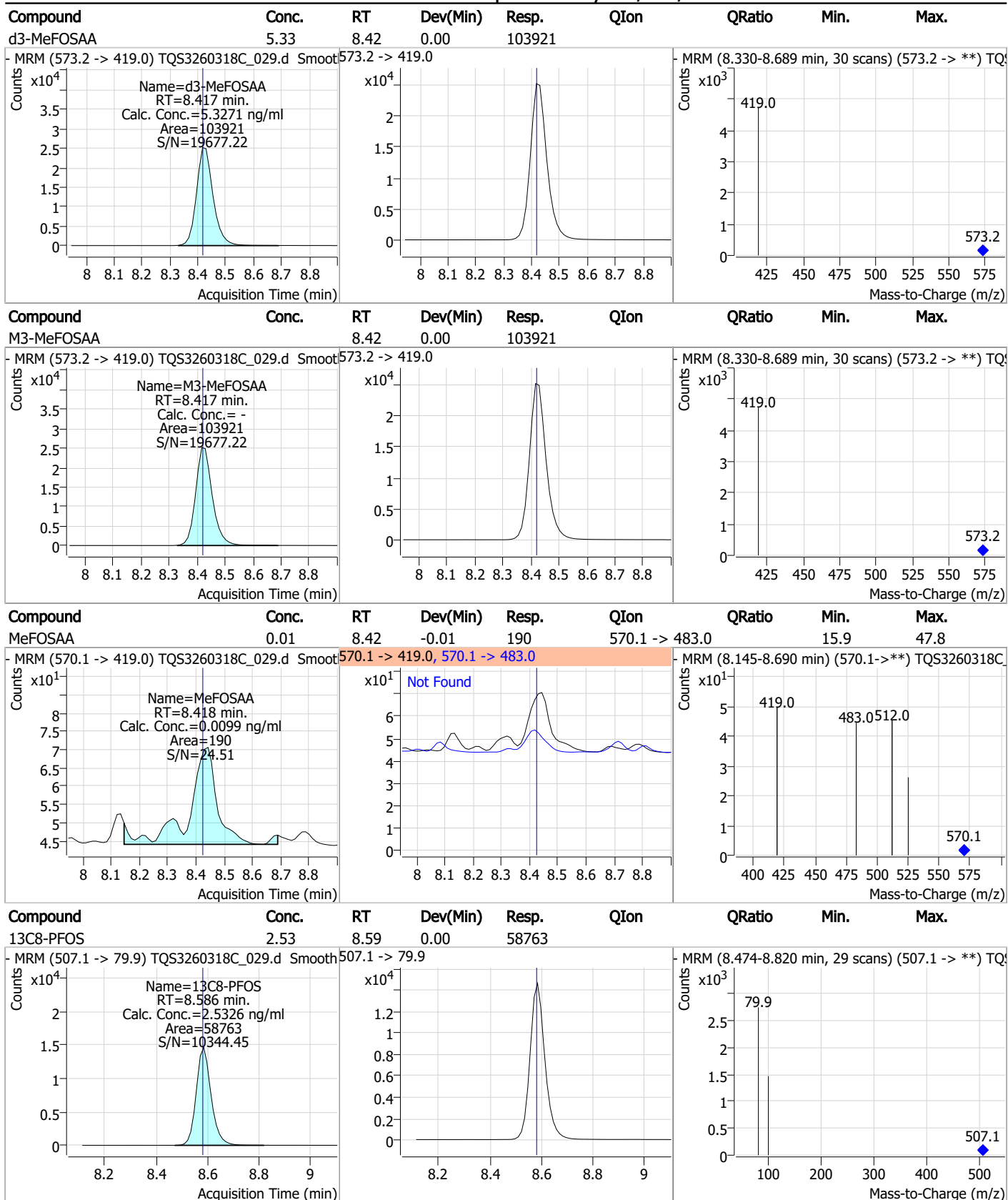
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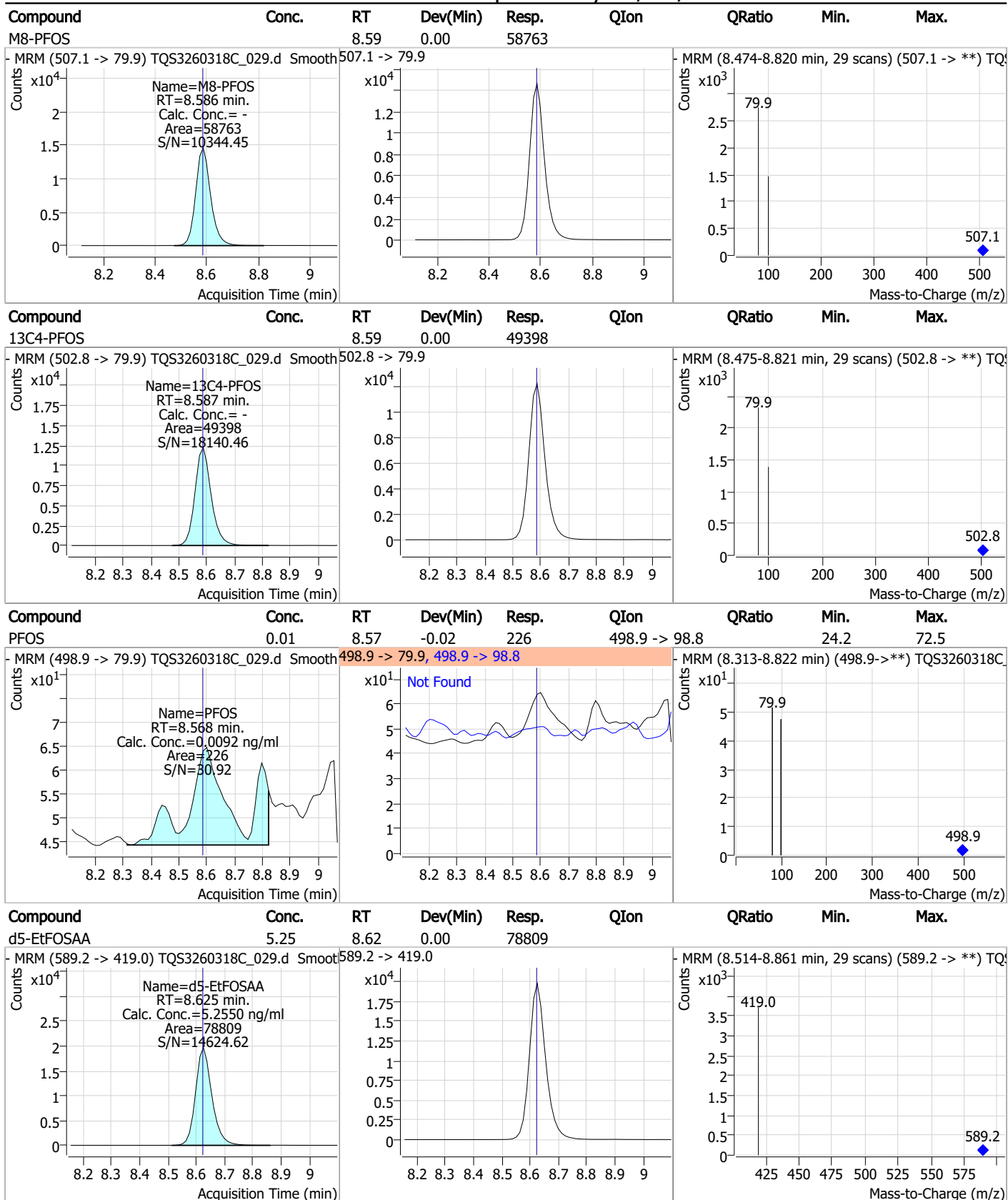
Perfluorinated Compounds by LC/MS/MS



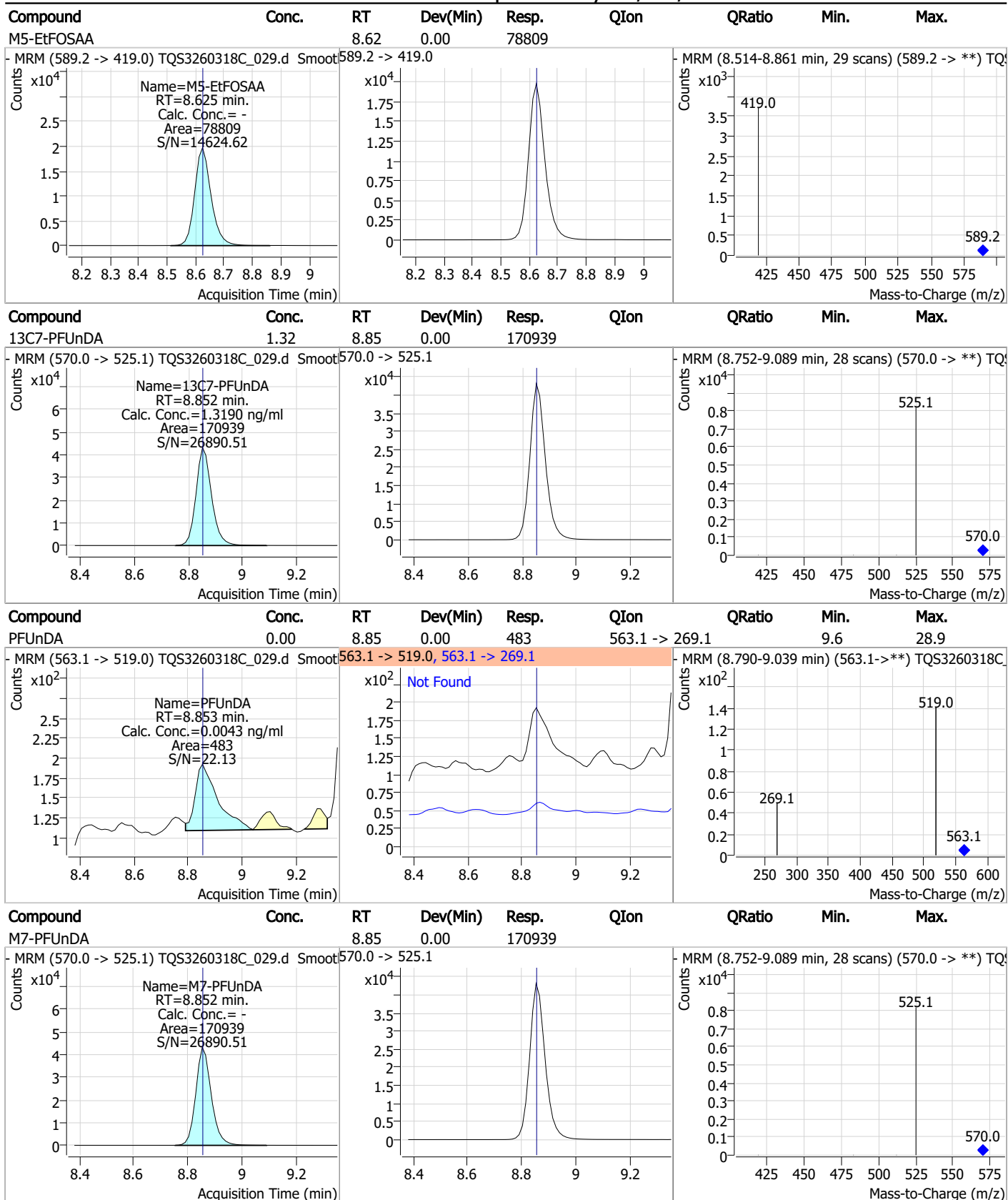
Perfluorinated Compounds by LC/MS/MS



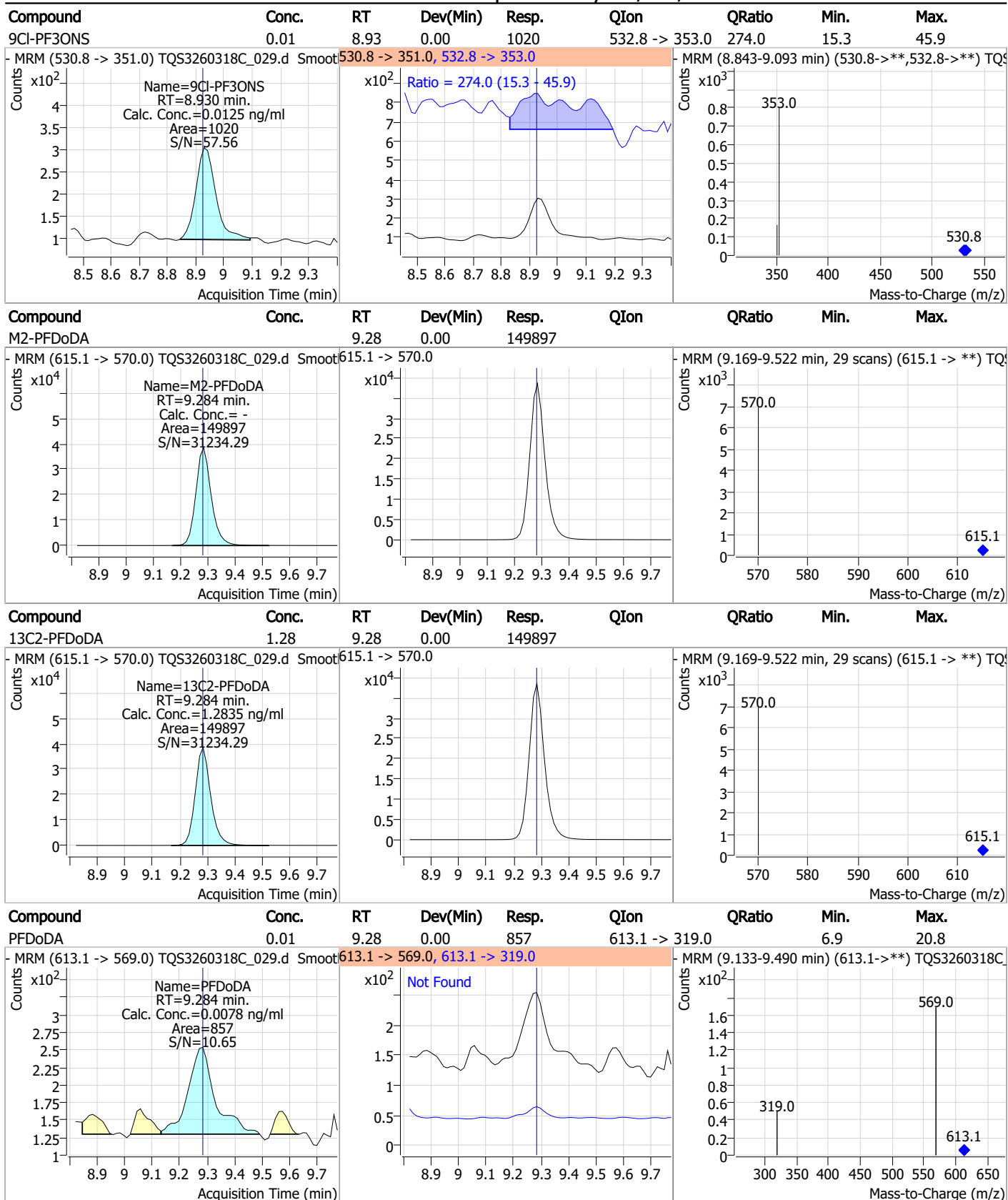
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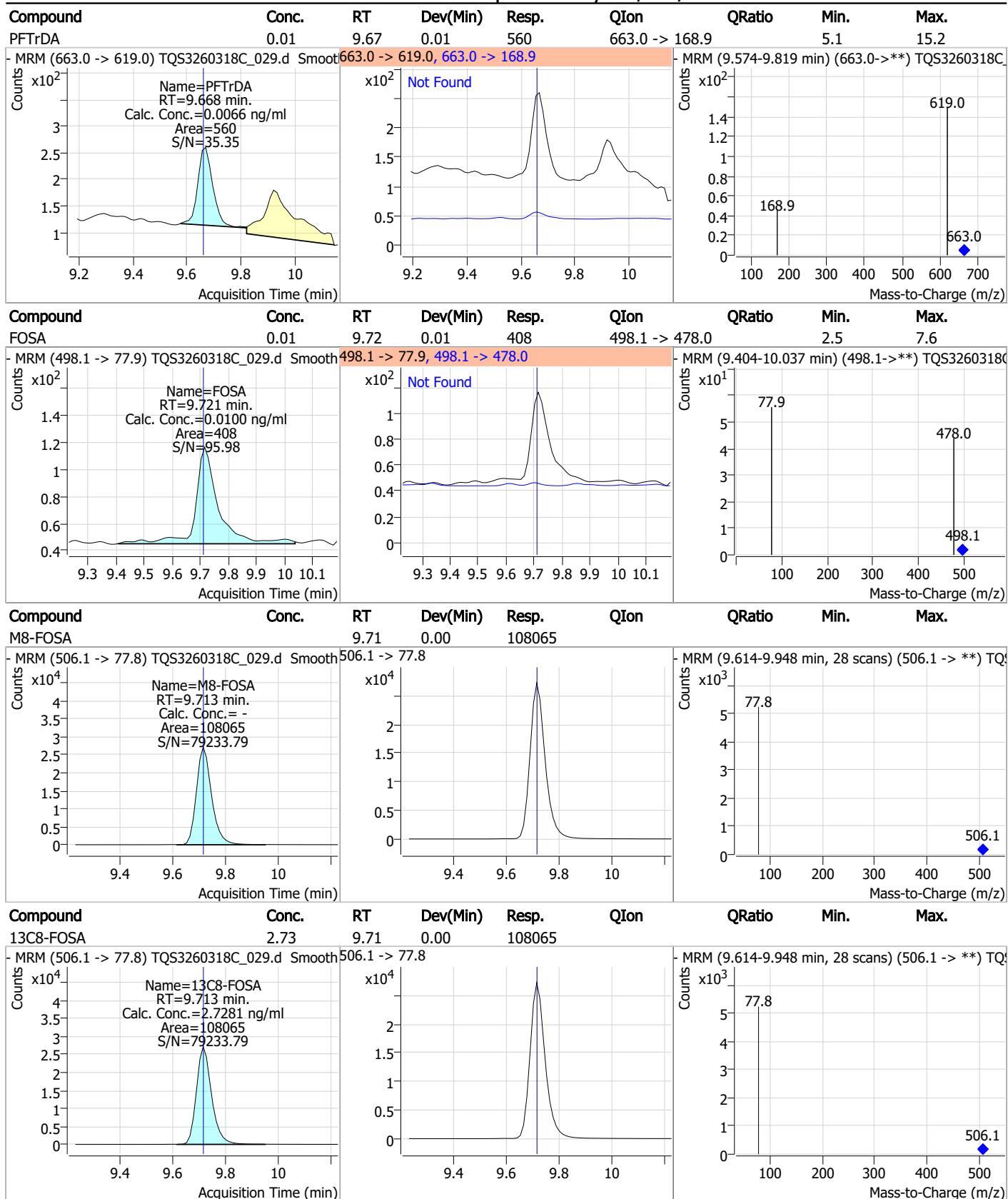
Perfluorinated Compounds by LC/MS/MS



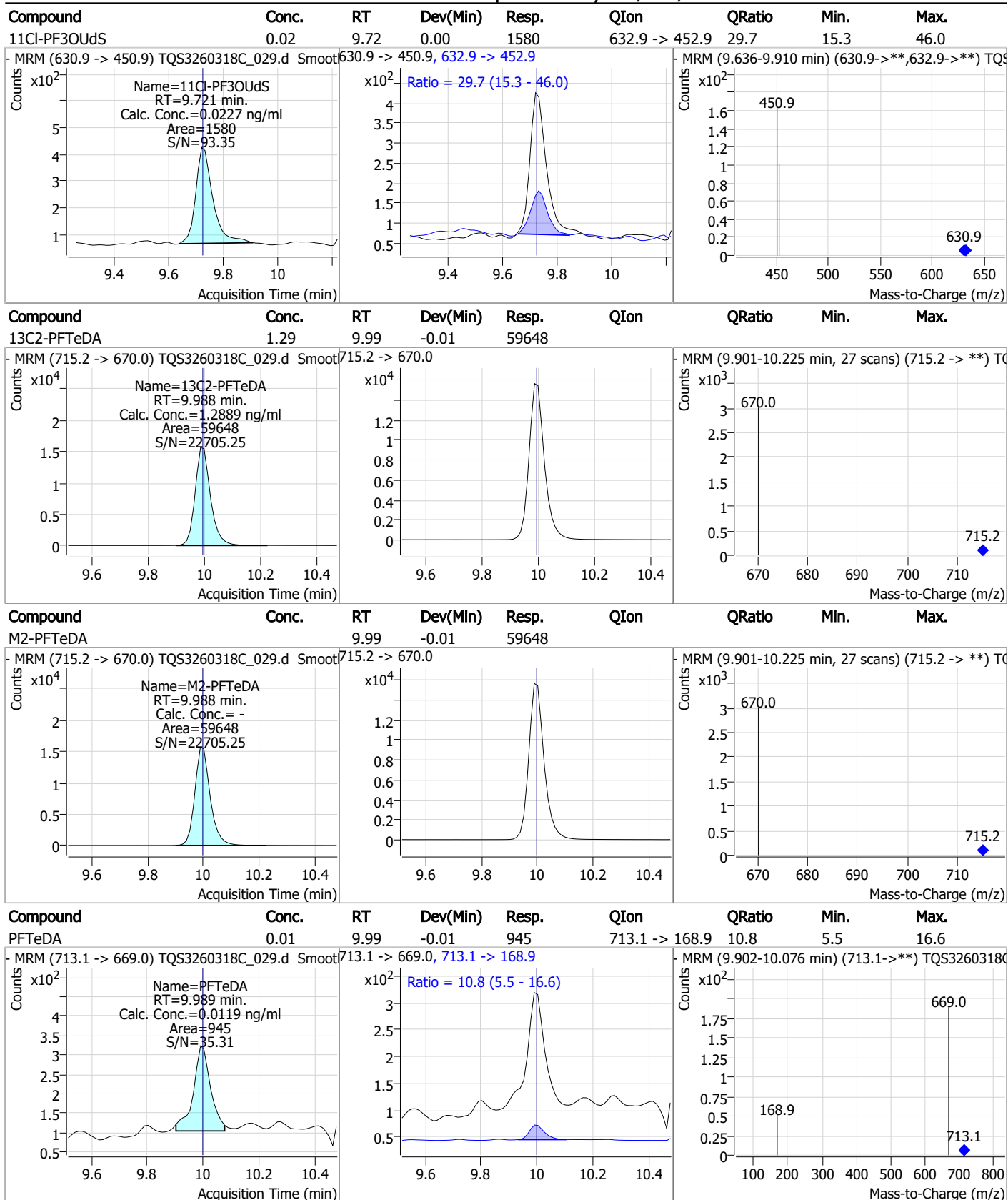
Perfluorinated Compounds by LC/MS/MS



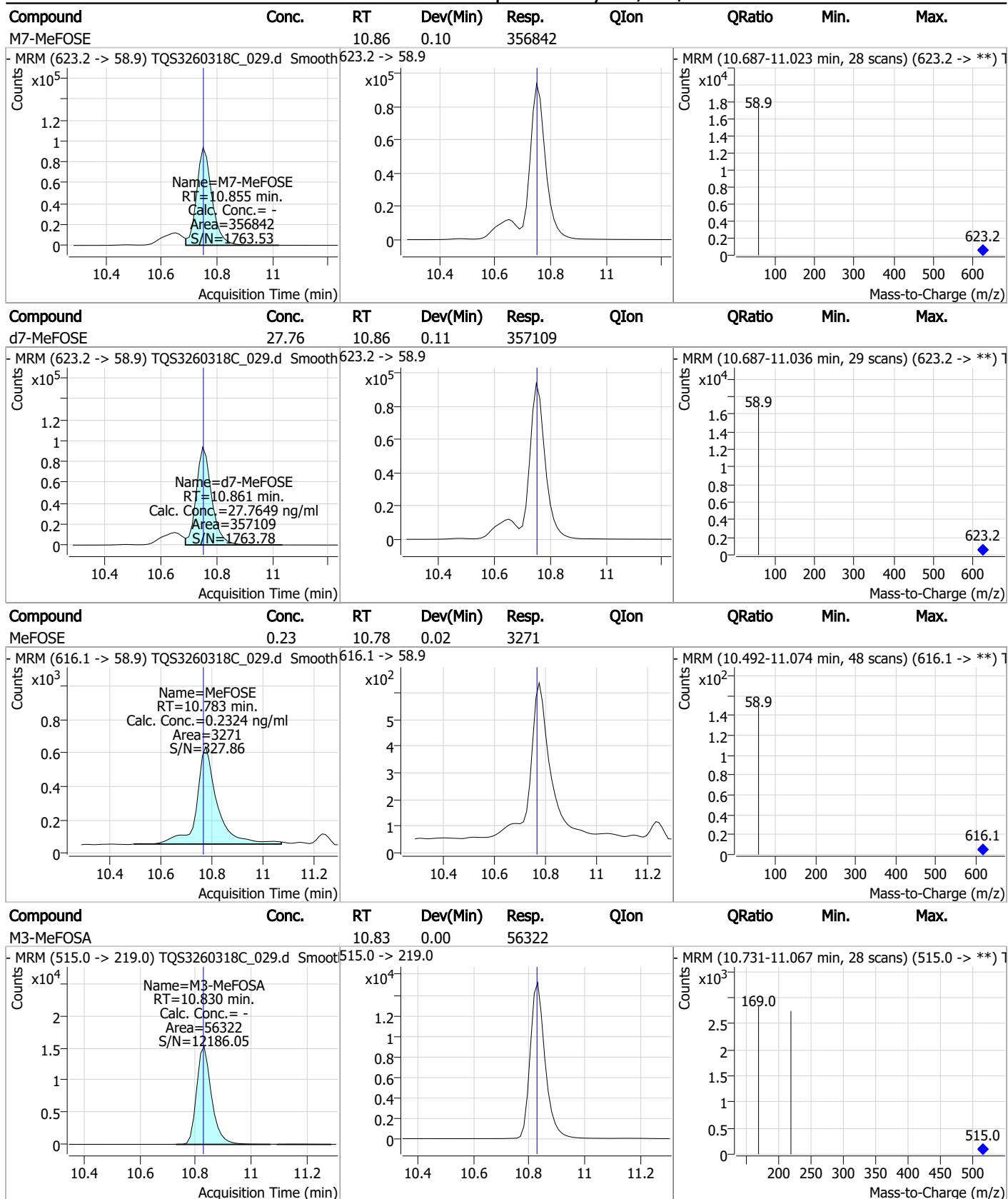
Perfluorinated Compounds by LC/MS/MS



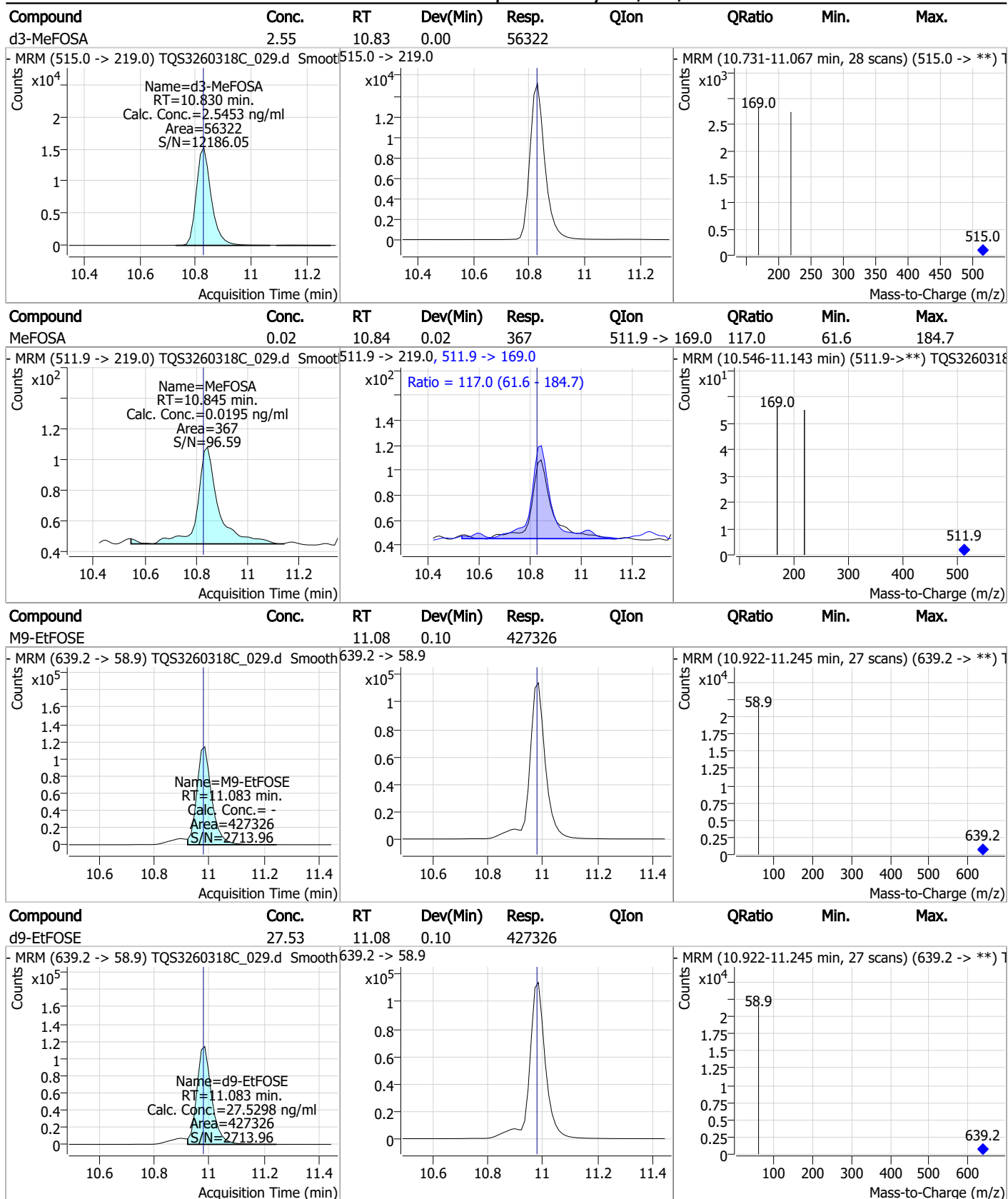
Perfluorinated Compounds by LC/MS/MS



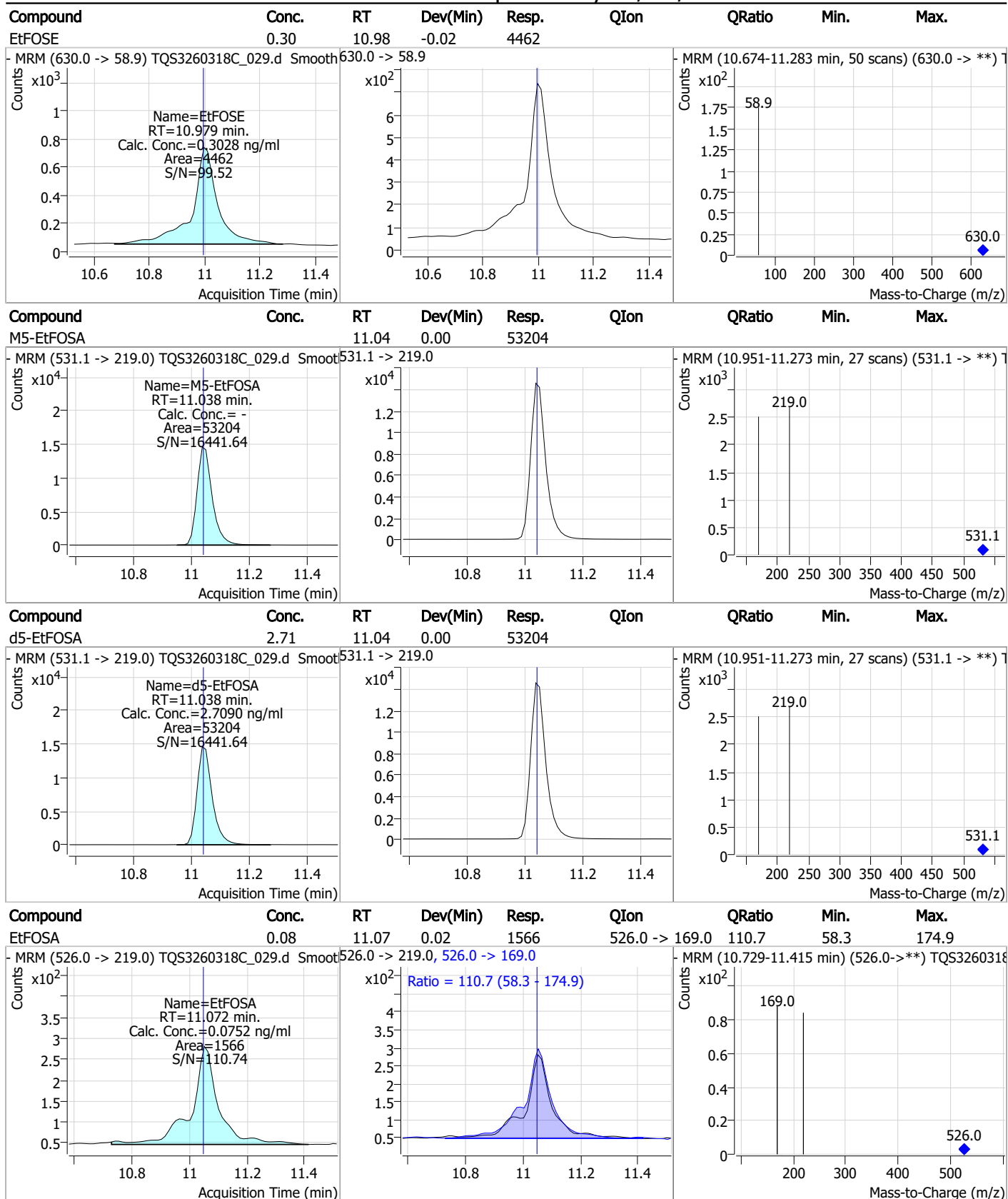
Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Data File : TQS3260318C_030.d
 Operator :
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 12:57:55 AM
 Sample Name : ICV
 Vial : P3-B3
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3913_ICAL_C_1633.batch.bin
 Sample Information : AXYS E 1.25ng/mL (MLA110 CCV)

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Internal Standards						
13C2-PFDA	8.385	515.1 -> 470.1	205158		1.25 ng/ml	0.000
13C2-PFHxA	5.857	315.1 -> 270.0	434671		2.50 ng/ml	-0.004
13C3-PFBA	3.177	216.0 -> 172.0	662248		5.00 ng/ml	0.004
13C4-PFOA	7.369	417.1 -> 372.0	677554		2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	72580		2.50 ng/ml	0.002
13C5-PFNA	7.887	468.0 -> 423.0	278092		1.25 ng/ml	-0.007
18O2-PFHxS	7.522	403.0 -> 83.9	67825		2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	17644		5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	27505		5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	27440		5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	229900		1.25 ng/ml	0.003
M2-PFTeDA	9.988	715.2 -> 670.0	90748		1.25 ng/ml	-0.009
M3-HFPO-DA	6.235	286.9 -> 168.9	496268		10.00 ng/ml	0.000
M3-MeFOSA	10.830	515.0 -> 219.0	85753		2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	157919		5.00 ng/ml	-0.004
M3-PFBS	5.848	302.1 -> 79.9	150855		2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	112391		2.50 ng/ml	0.002
M4-PFBA	3.186	216.8 -> 171.9	1551305		10.00 ng/ml	0.012
M4-PFHpA	6.751	367.1 -> 322.0	429552		2.50 ng/ml	0.002
M5-EtFOSA	11.050	531.1 -> 219.0	80796		2.50 ng/ml	0.009
M5-EtFOSAA	8.625	589.2 -> 419.0	127166		5.00 ng/ml	-0.001
M5-PFHxA	5.856	318.0 -> 273.0	485429		2.50 ng/ml	-0.006
M5-PFPeA	4.649	268.3 -> 223.0	697638		5.00 ng/ml	0.008
M6-PFDA	8.385	519.1 -> 474.1	186276		1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	550588		25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	271411		1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	164807		2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	619303		2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	85488		2.50 ng/ml	0.002
M9-EtFOSE	11.083	639.2 -> 58.9	581315		25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	265721		1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	17644		4.80 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 95.9%	
13C2-6:2FTS	7.130	429.1 -> 80.9	27505		4.79 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 95.8%	
13C2-8:2FTS	8.160	529.1 -> 80.9	27440		4.39 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 87.8%	
13C2-PFDoDA	9.284	615.1 -> 570.0	229900		1.24 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 99.6%	
13C2-PFTeDA	9.988	715.2 -> 670.0	90748		1.24 ng/ml	-0.008
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 99.2%	
13C3-HFPO-DA	6.235	286.9 -> 168.9	496268		9.17 ng/ml	0.000
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 91.7%	
d3-MeFOSA	10.830	515.0 -> 219.0	85753		2.64 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 105.5%	
d3-MeFOSAA	8.417	573.2 -> 419.0	157919		5.51 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 110.2%	
13C3-PFBS	5.848	302.1 -> 79.9	150855		2.52 ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.8%	
13C3-PFHxS	7.523	402.1 -> 79.9	112391		2.50 ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.0%	
13C4-PFBA	3.179	216.8 -> 171.9	1555742		9.95 ng/ml	0.007
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 99.5%	
13C4-PFHpA	6.751	367.1 -> 322.0	429552		2.46 ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 98.6%	
d5-EtFOSA	11.050	531.1 -> 219.0	80796		2.80 ng/ml	0.009
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 112.0%	
d5-EtFOSAA	8.625	589.2 -> 419.0	127166		5.77 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 115.4%	
13C5-PFHxA	5.856	318.0 -> 273.0	485429		2.47 ng/ml	-0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 98.6%	
13C5-PFPeA	4.649	268.3 -> 223.0	697638		4.93 ng/ml	0.010
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 98.6%	
13C6-PFDA	8.385	519.1 -> 474.1	186276		1.28 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 102.1%	
d7-MeFOSE	10.861	623.2 -> 58.9	550828		29.15 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 116.6%	
13C7-PFUnDA	8.852	570.0 -> 525.1	271411		1.32 ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 105.9%	
13C8-FOSA	9.713	506.1 -> 77.8	164807		2.83 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 113.3%	
13C8-PFOA	7.369	421.1 -> 376.0	619303		2.47 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 98.7%	
13C8-PFOS	8.586	507.1 -> 79.9	85488		2.51 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.3%	
d9-EtFOSE	11.083	639.2 -> 58.9	581315		25.49 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 102.0%	
13C9-PFNA	7.899	472.1 -> 427.0	265721		1.21 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 97.1%	

Target Compounds

QValue

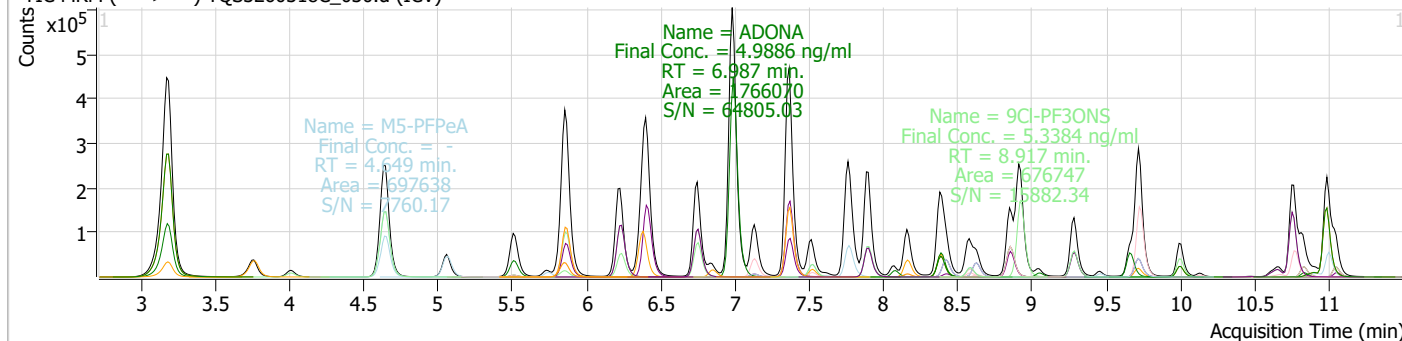
11Cl-PF3OUdS	9.721	630.9 -> 450.9	599715		5.58 ng/ml	100
TDCA	-	498.9 -> 79.9	-	-	N.D.	
3:3 FTCA	4.009	241.0 -> 177.0	41581		6.19 ng/ml	99
4:2FTS	5.508	327.1 -> 307.0	160010		5.08 ng/ml	96
5:3 FTCA	6.402	341.0 -> 237.1	689831		28.99 ng/ml	98
6:2FTS	7.131	427.1 -> 407.0	163982		4.84 ng/ml	100
7:3 FTCA	7.766	441.0 -> 316.9	301146		28.77 ng/ml	99
8:2FTS	8.160	527.1 -> 507.0	151967		4.92 ng/ml	97
9Cl-PF3ONS	8.917	530.8 -> 351.0	676747		5.34 ng/ml	100
ADONA	6.987	376.9 -> 250.9	1766070		4.99 ng/ml	99
EtFOSA	11.072	526.0 -> 219.0	39629		1.25 ng/ml	100
EtFOSAA	8.596	584.2 -> 419.1	24000		1.16 ng/ml	99
EtFOSE	10.979	630.0 -> 58.9	248492		12.40 ng/ml	100
FOSA	9.721	498.1 -> 77.9	80219		1.29 ng/ml	98
HFPO-DA	6.236	284.9 -> 168.9	222734		4.91 ng/ml	99
MeFOSA	10.845	511.9 -> 219.0	35930		1.25 ng/ml	99
MeFOSAA	8.418	570.1 -> 419.0	33640		1.15 ng/ml	99
MeFOSE	10.783	616.1 -> 58.9	252440		11.62 ng/ml	100
NFDHA	5.740	295.0 -> 201.0	44140		2.36 ng/ml	100
PFBA	3.181	212.8 -> 168.9	187146		5.31 ng/ml	100

Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	65893	1.20 ng/ml	99
PFDA	8.386	512.9 -> 469.0	216368	1.28 ng/ml	98
PFDoDA	9.284	613.1 -> 569.0	217056	1.29 ng/ml	99
PFDoDS	10.129	699.1 -> 79.9	16241	1.37 ng/ml	100
PFDS	9.462	599.0 -> 79.9	27022	1.41 ng/ml	100
PFEESA	6.381	314.8 -> 134.9	442519	2.34 ng/ml	100
PFHpA	6.751	363.1 -> 319.0	307962	0.94 ng/ml	99
PFHpS	8.080	449.0 -> 79.9	56620	1.40 ng/ml	99
PFHxA	5.859	313.0 -> 269.0	323077	1.17 ng/ml	100
PFHxS	7.504	398.7 -> 79.9	45614	1.27 ng/ml	97
PFMBA	5.065	279.0 -> 85.1	215496	2.43 ng/ml	100
PFMPA	3.768	229.0 -> 84.9	189820	2.36 ng/ml	100
PFNA	7.900	463.0 -> 419.0	280778	1.24 ng/ml	100
PFNS	9.053	548.8 -> 79.9	35859	1.35 ng/ml	99
PFOA	7.371	413.0 -> 369.0	339030	1.17 ng/ml	98
PFOS	8.568	498.9 -> 79.9	46331	1.29 ng/ml	99
PFPeA	4.640	263.0 -> 219.0	432110	2.56 ng/ml	100
PFPeS	6.853	349.1 -> 79.9	65161	1.33 ng/ml	98
PFTeDA	9.989	713.1 -> 669.0	156546	1.30 ng/ml	99
PFTrDA	9.656	663.0 -> 619.0	207573	1.60 ng/ml	98
PFUnDA	8.853	563.1 -> 519.0	227466	1.27 ng/ml	99

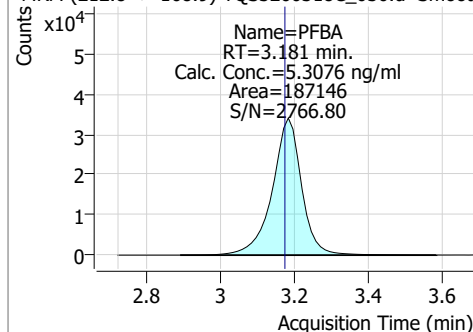
= Qualifier out of range, m = manually integrated, + = Area summed

- TIC MRM (** -> **) TQS3260318C_030.d (ICV)



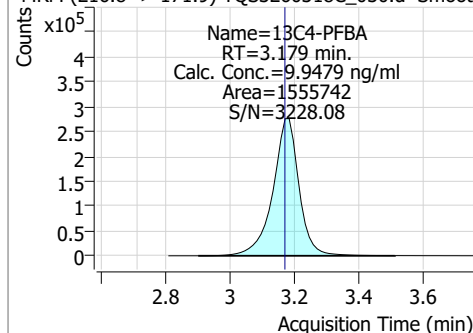
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Min.	Max.
PFBA	5.31	3.18	0.01	187146				

- MRM (212.8 -> 168.9) TQS3260318C_030.d Smooth 212.8 -> 168.9



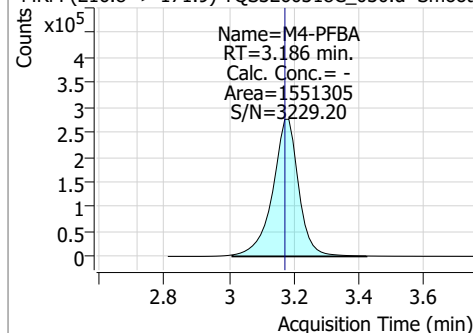
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Min.	Max.
13C4-PFBA	9.95	3.18	0.01	1555742				

- MRM (216.8 -> 171.9) TQS3260318C_030.d Smooth 216.8 -> 171.9

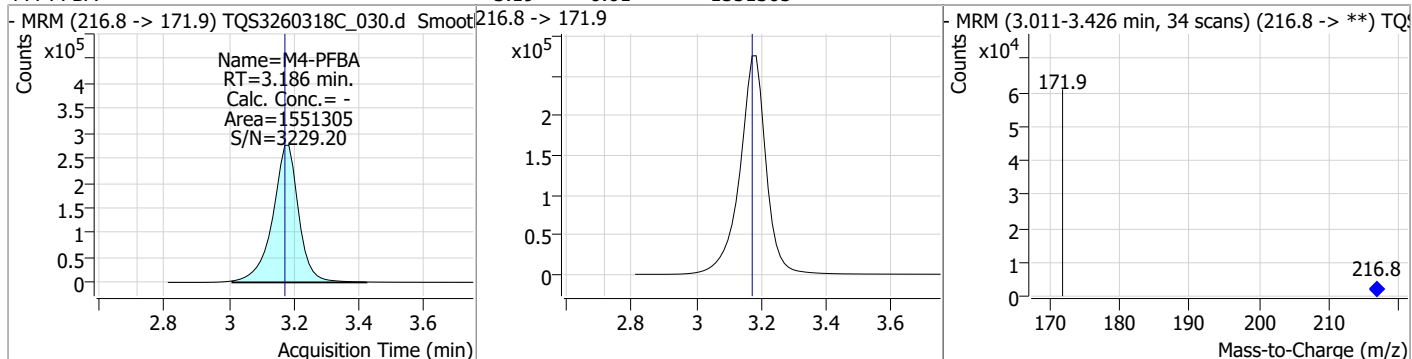


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Min.	Max.
M4-PFBA		3.19	0.01	1551305				

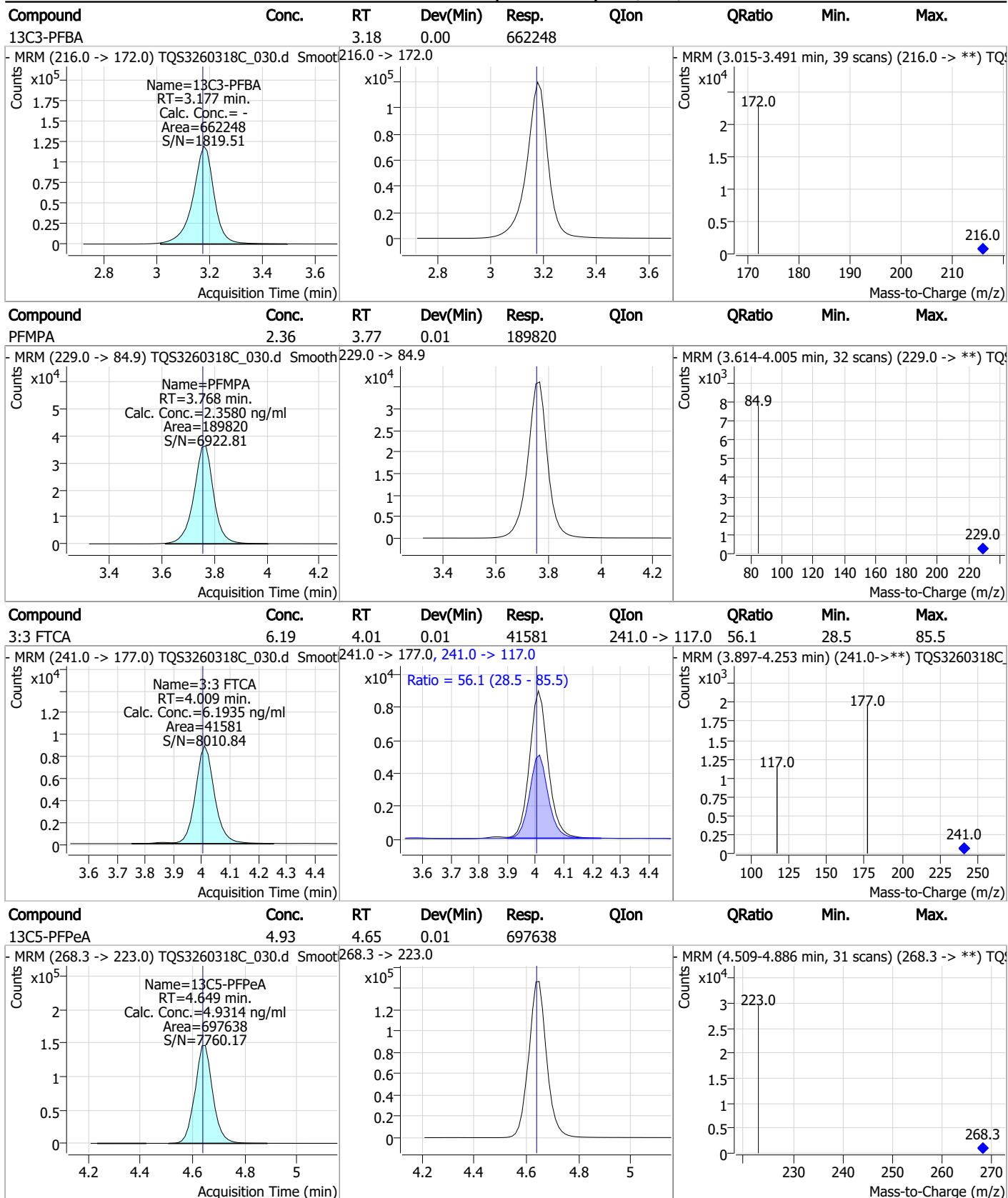
- MRM (216.8 -> 171.9) TQS3260318C_030.d Smooth 216.8 -> 171.9



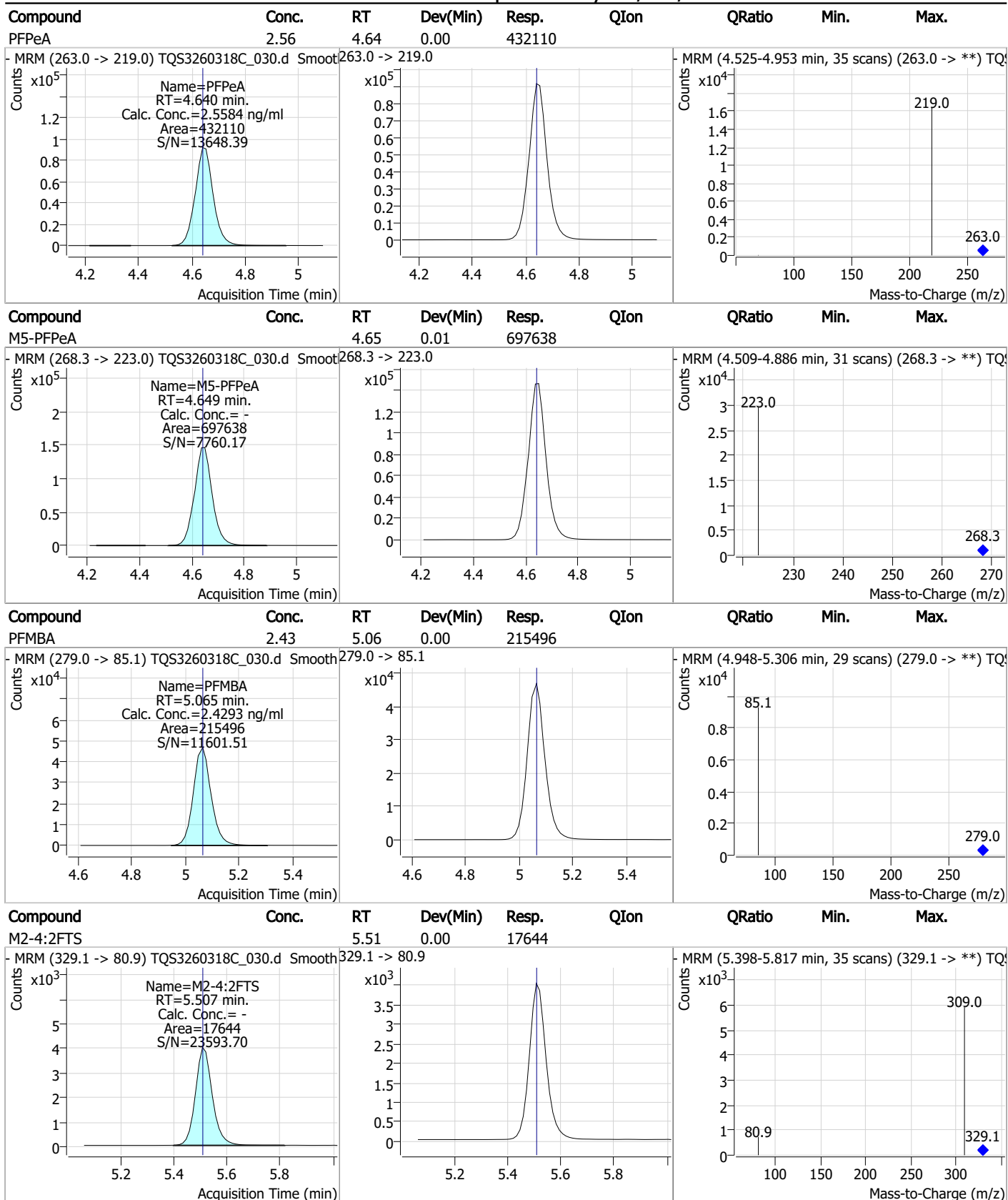
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Min.	Max.



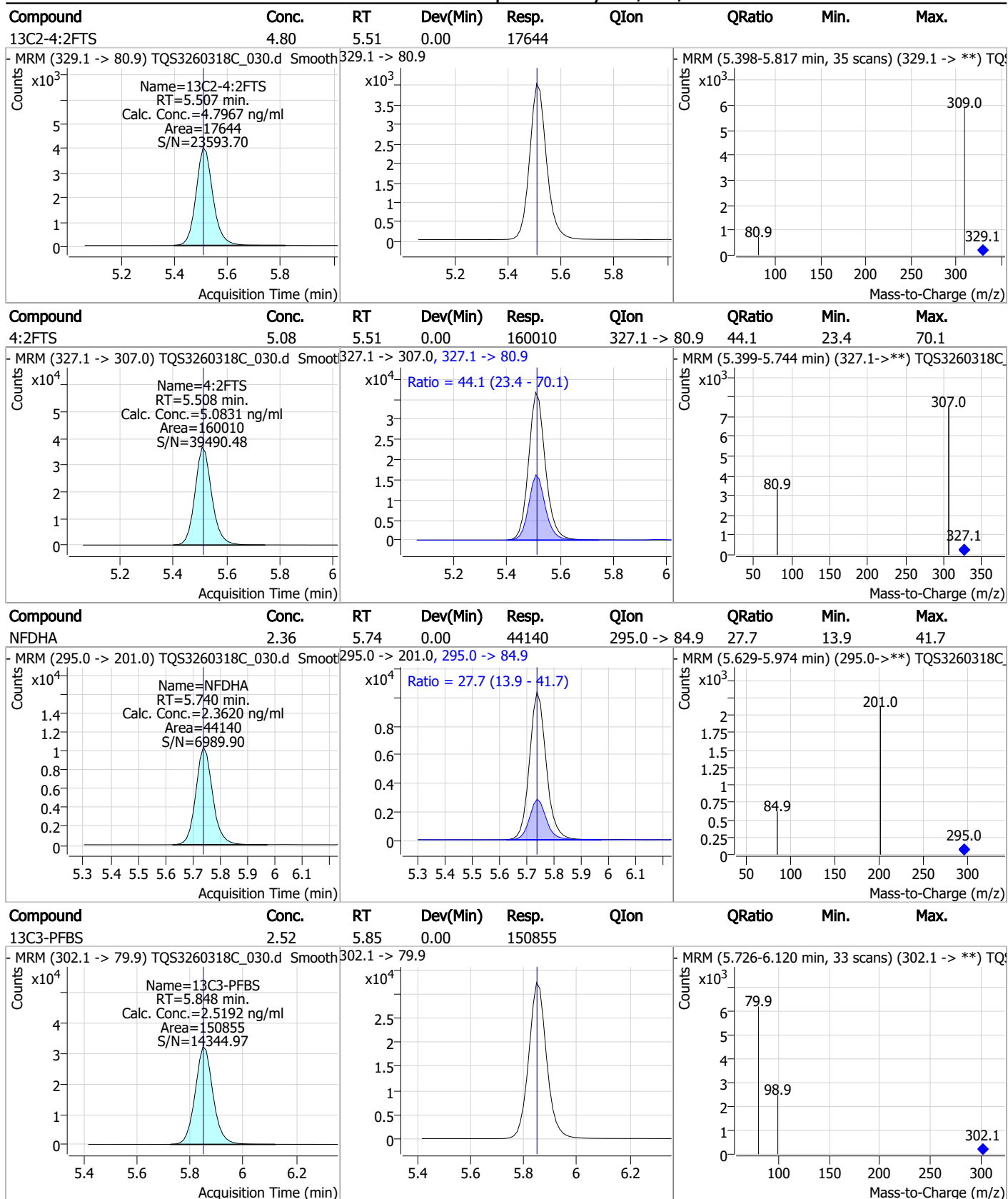
Perfluorinated Compounds by LC/MS/MS



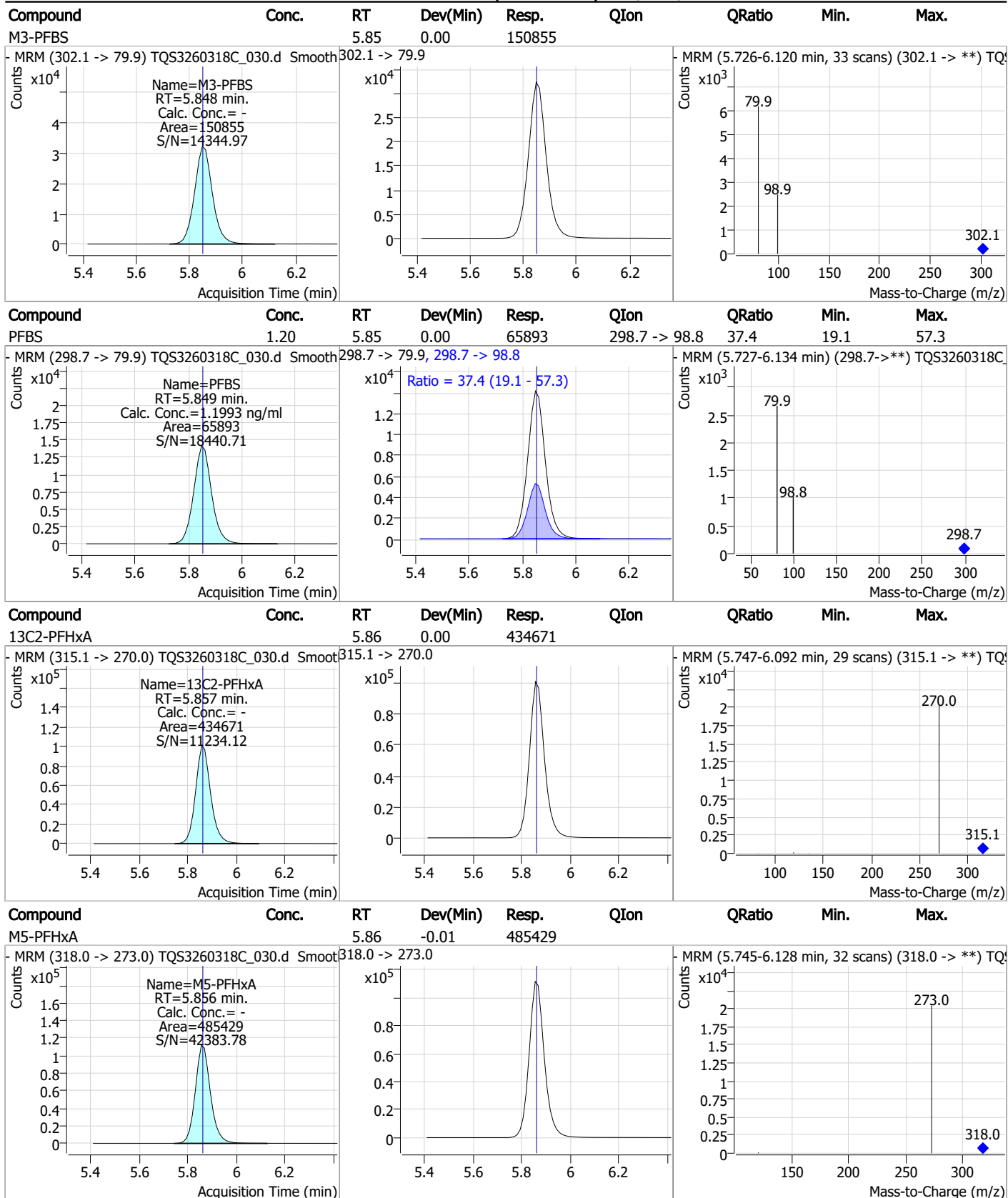
Perfluorinated Compounds by LC/MS/MS



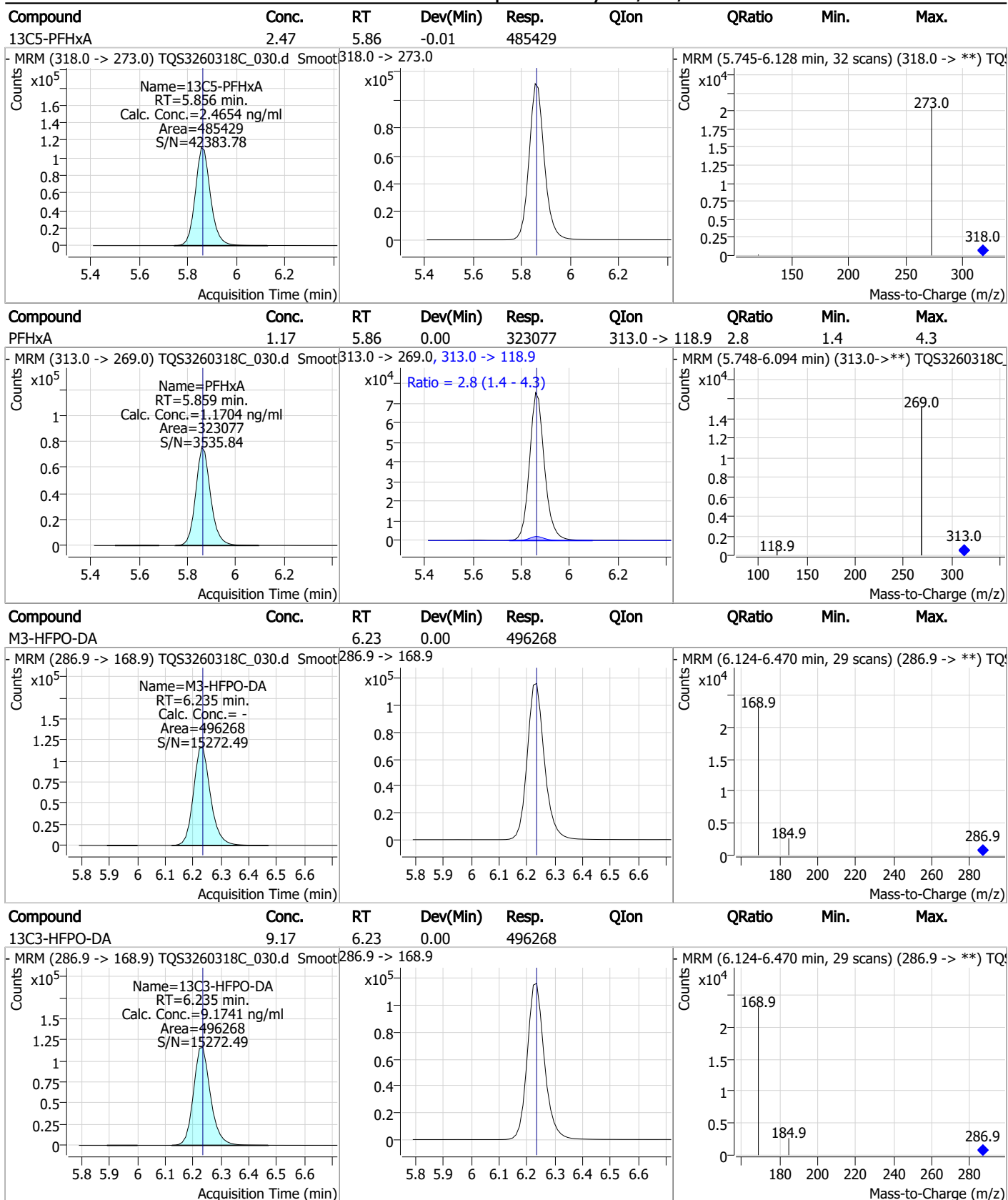
Perfluorinated Compounds by LC/MS/MS



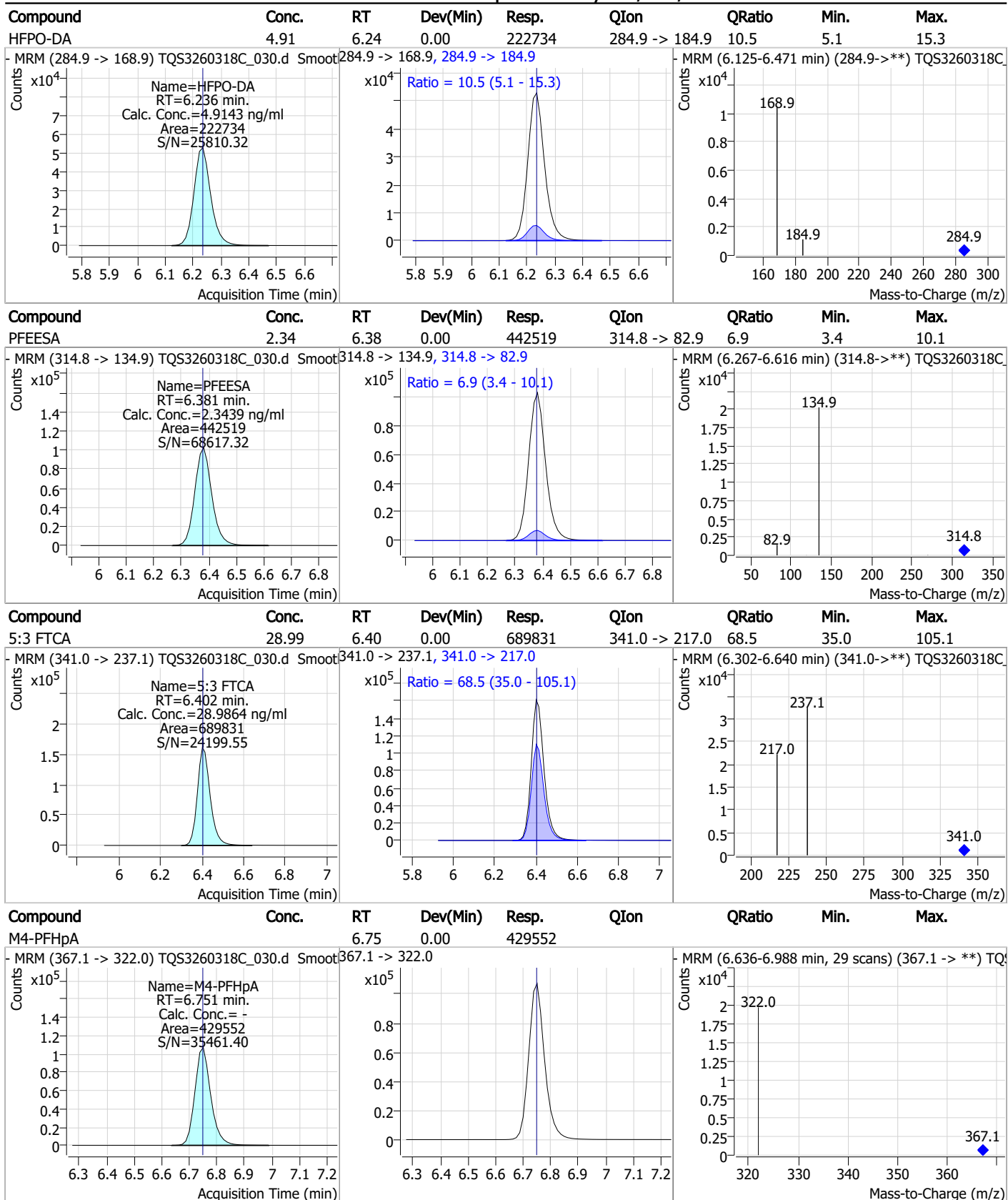
Perfluorinated Compounds by LC/MS/MS



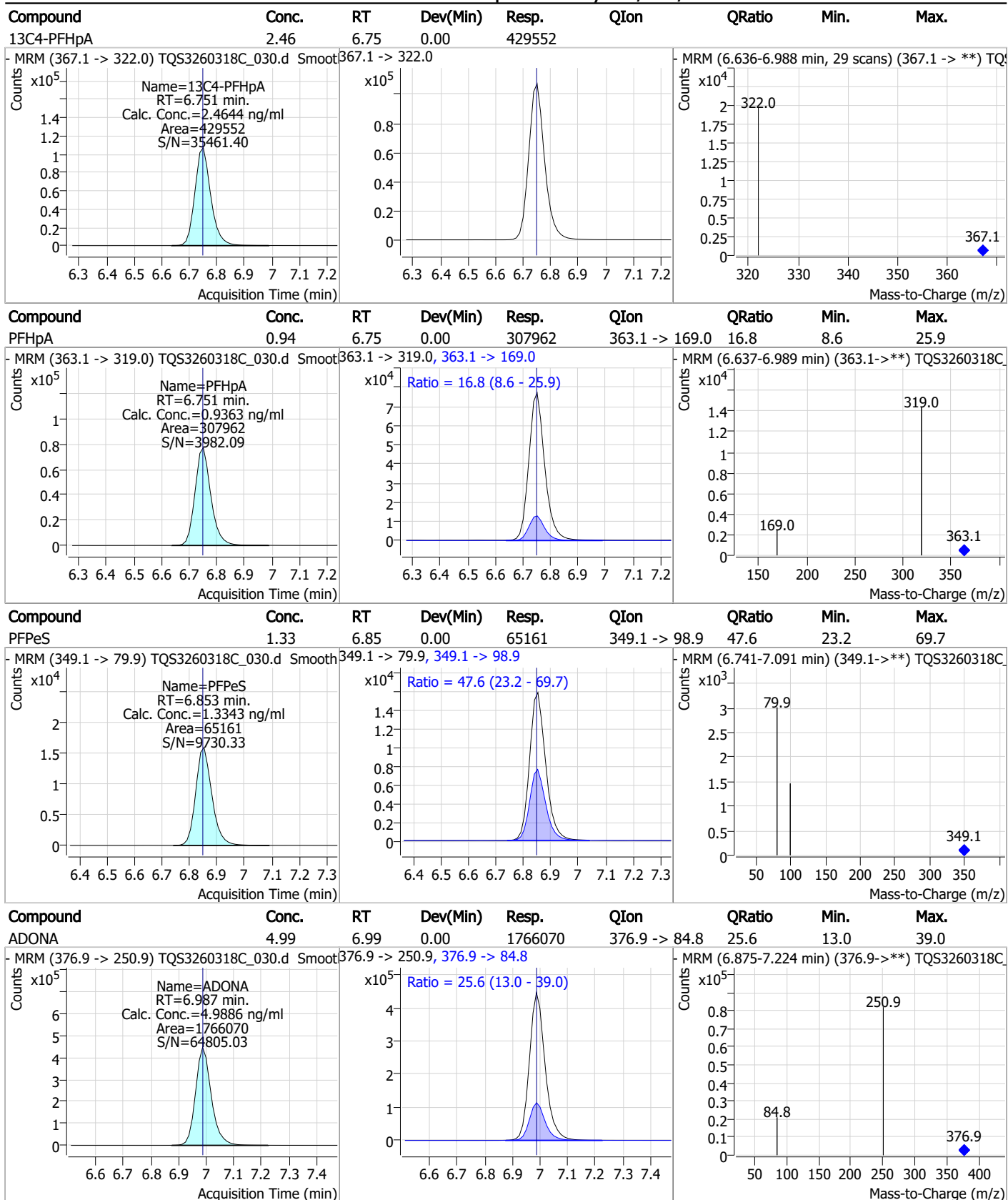
Perfluorinated Compounds by LC/MS/MS



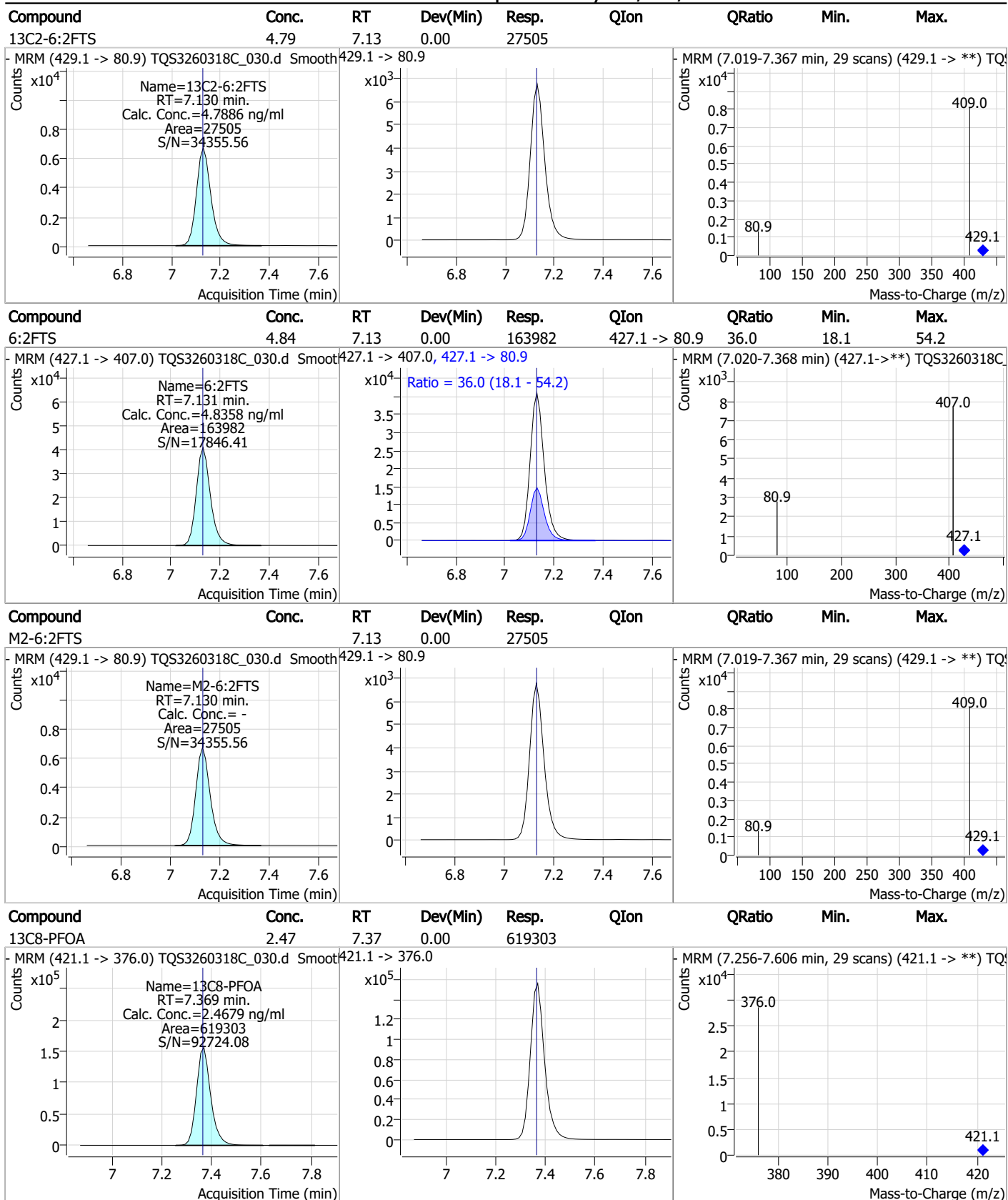
Perfluorinated Compounds by LC/MS/MS



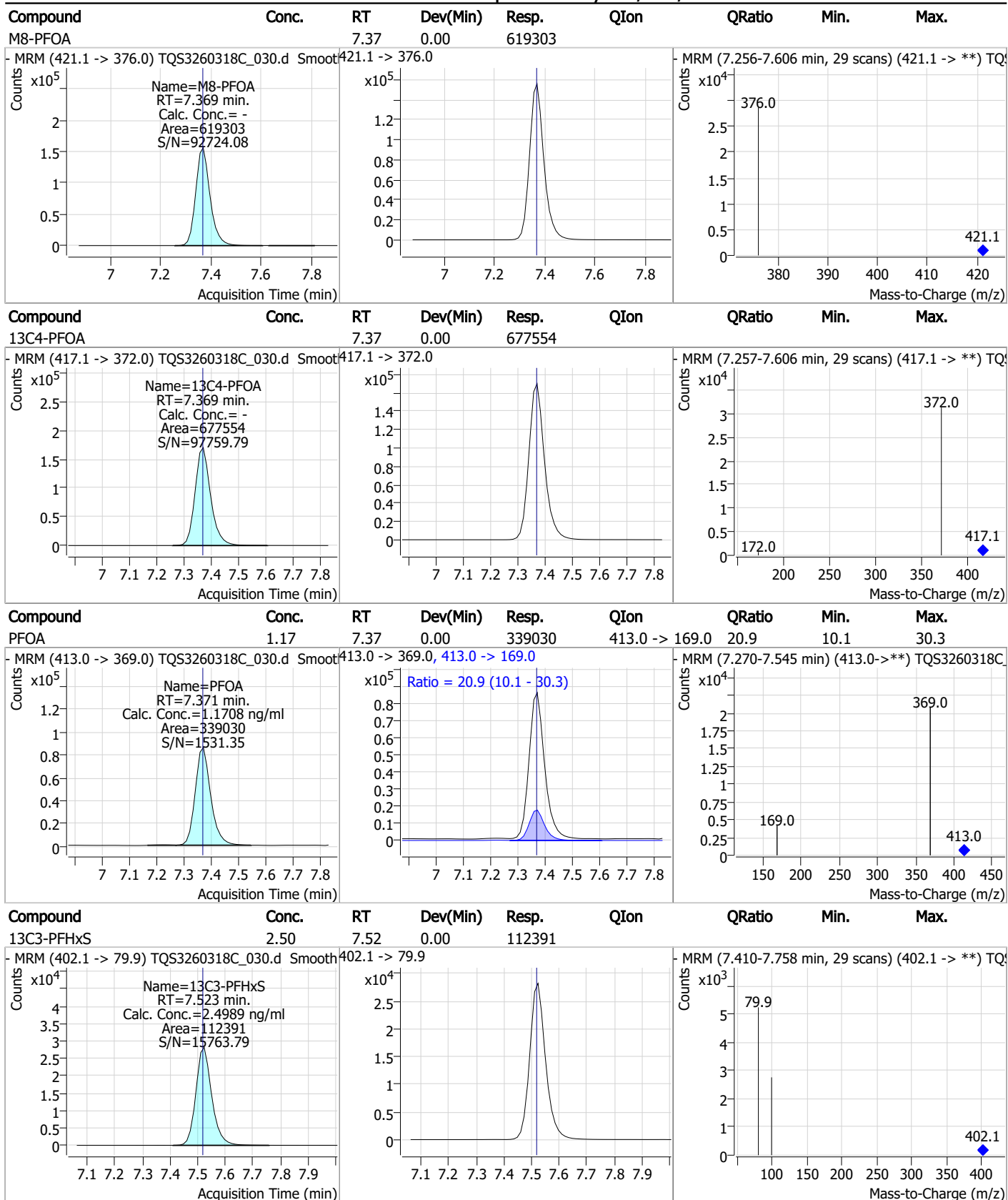
Perfluorinated Compounds by LC/MS/MS



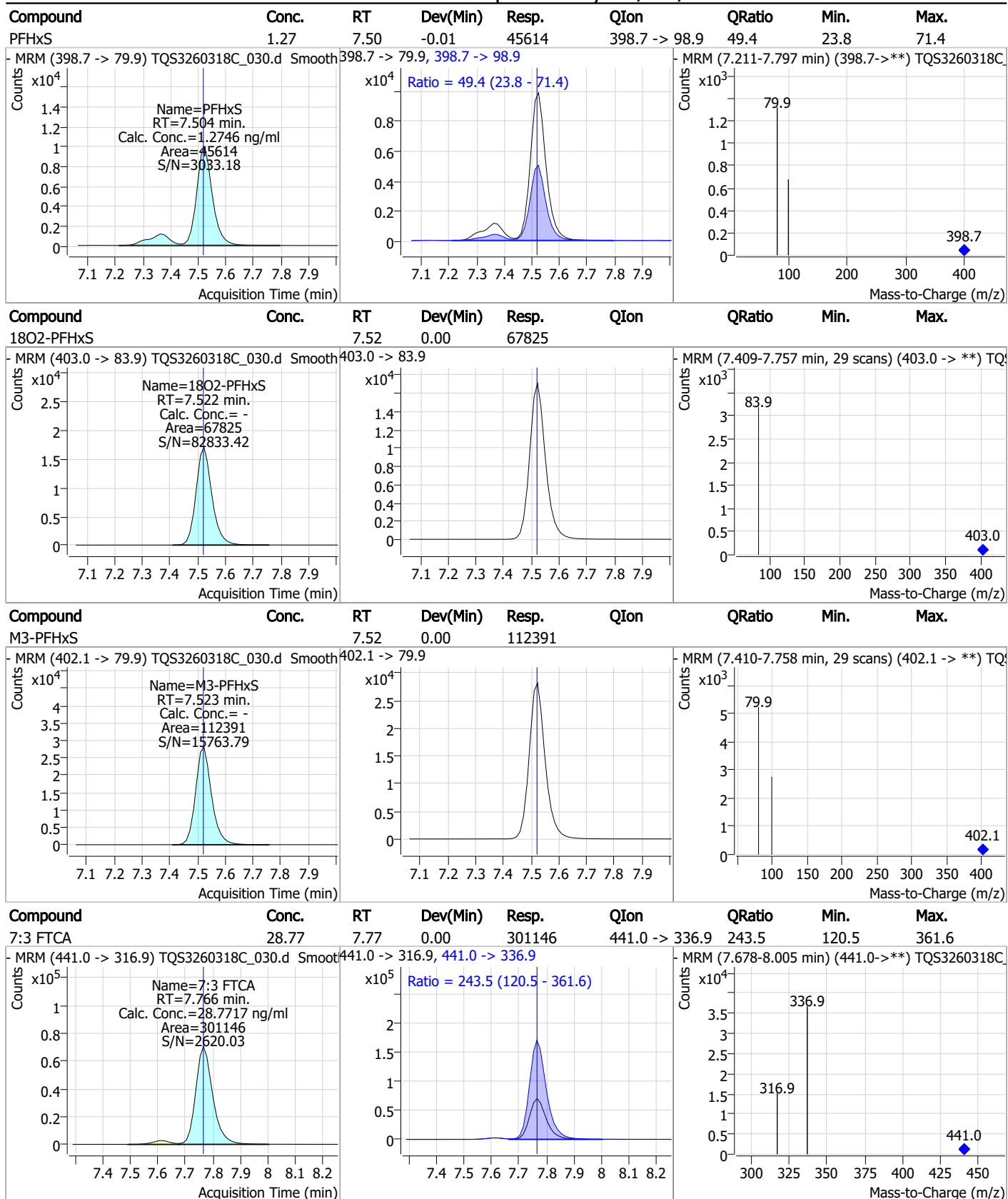
Perfluorinated Compounds by LC/MS/MS



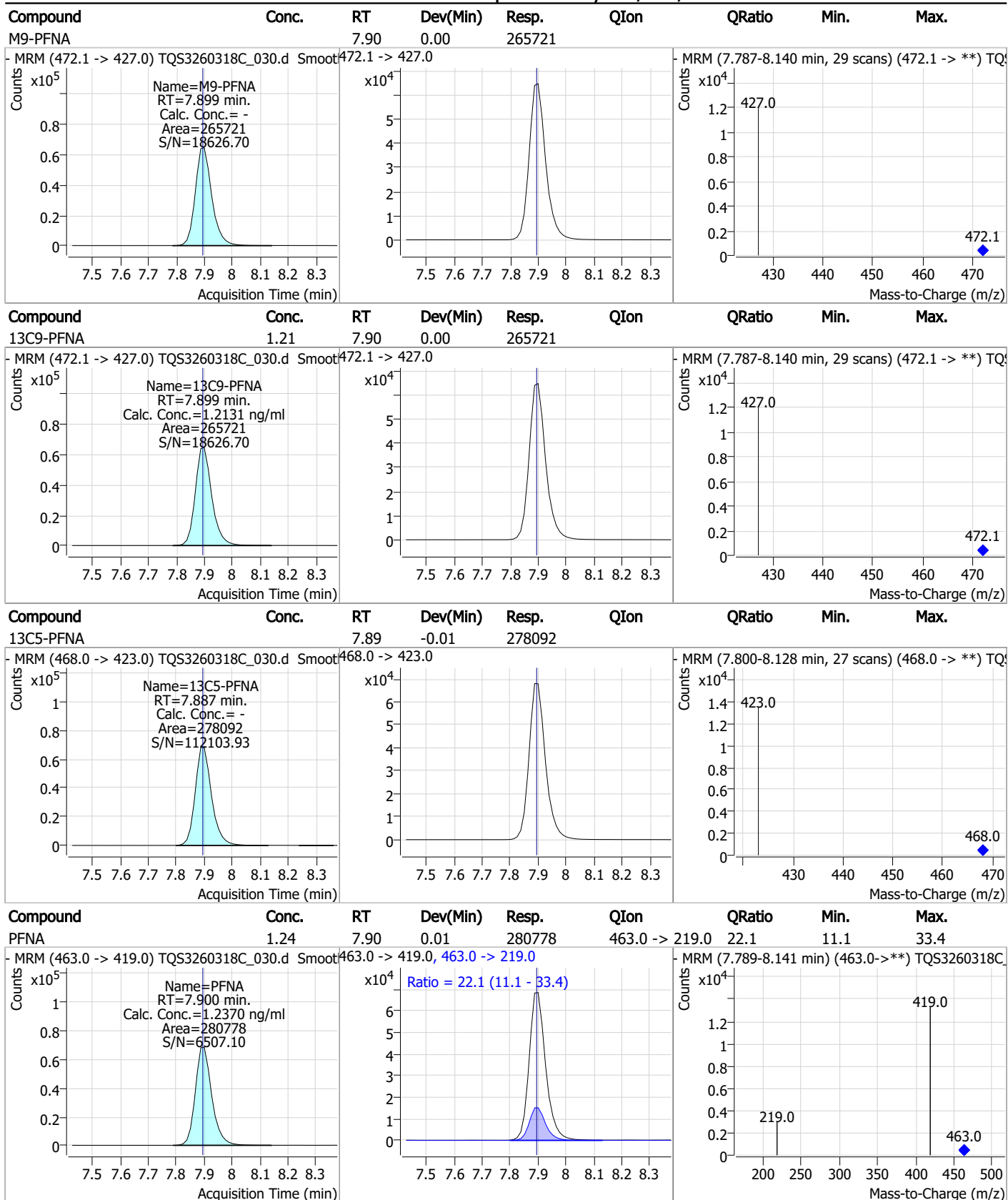
Perfluorinated Compounds by LC/MS/MS



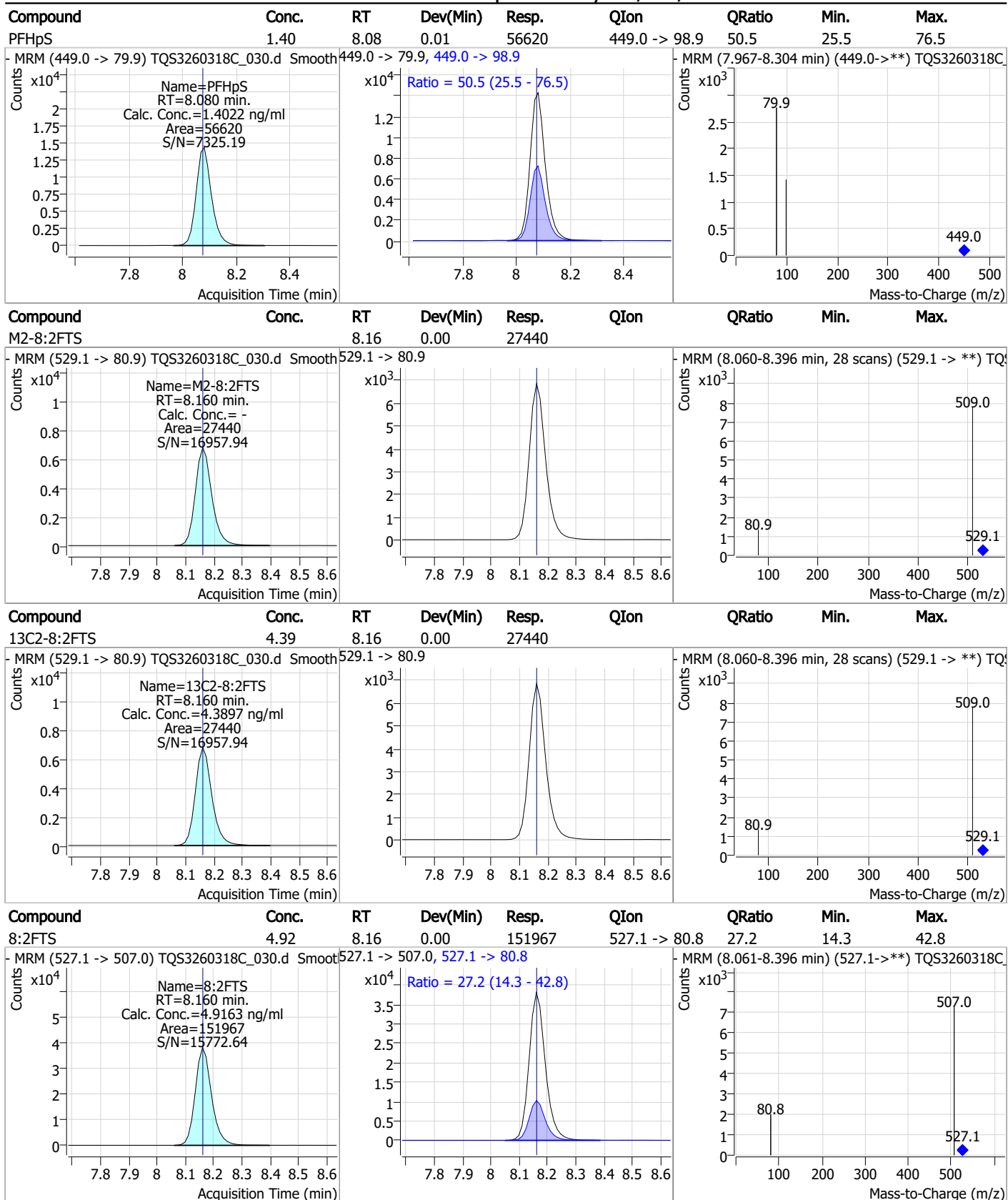
Perfluorinated Compounds by LC/MS/MS



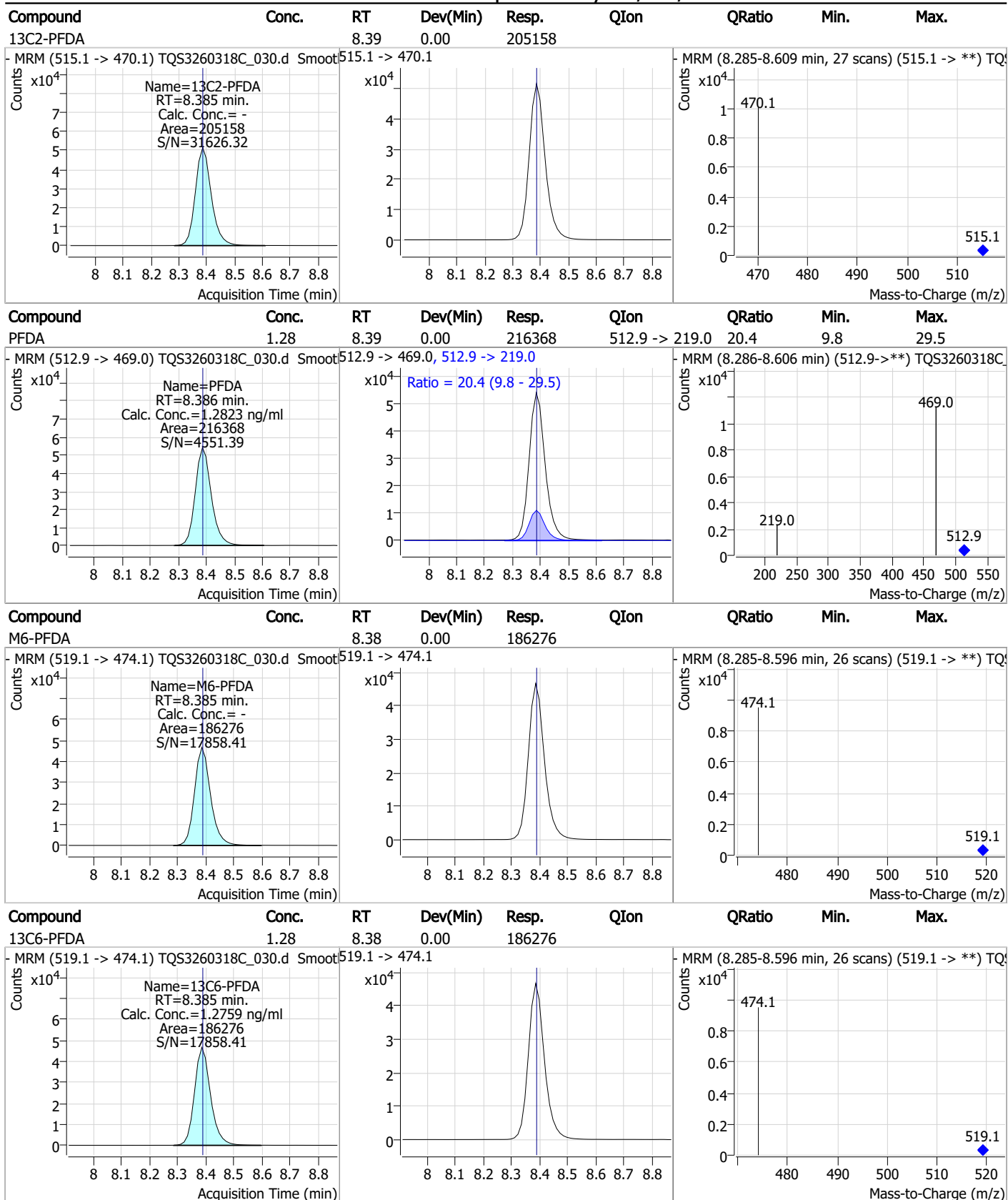
Perfluorinated Compounds by LC/MS/MS



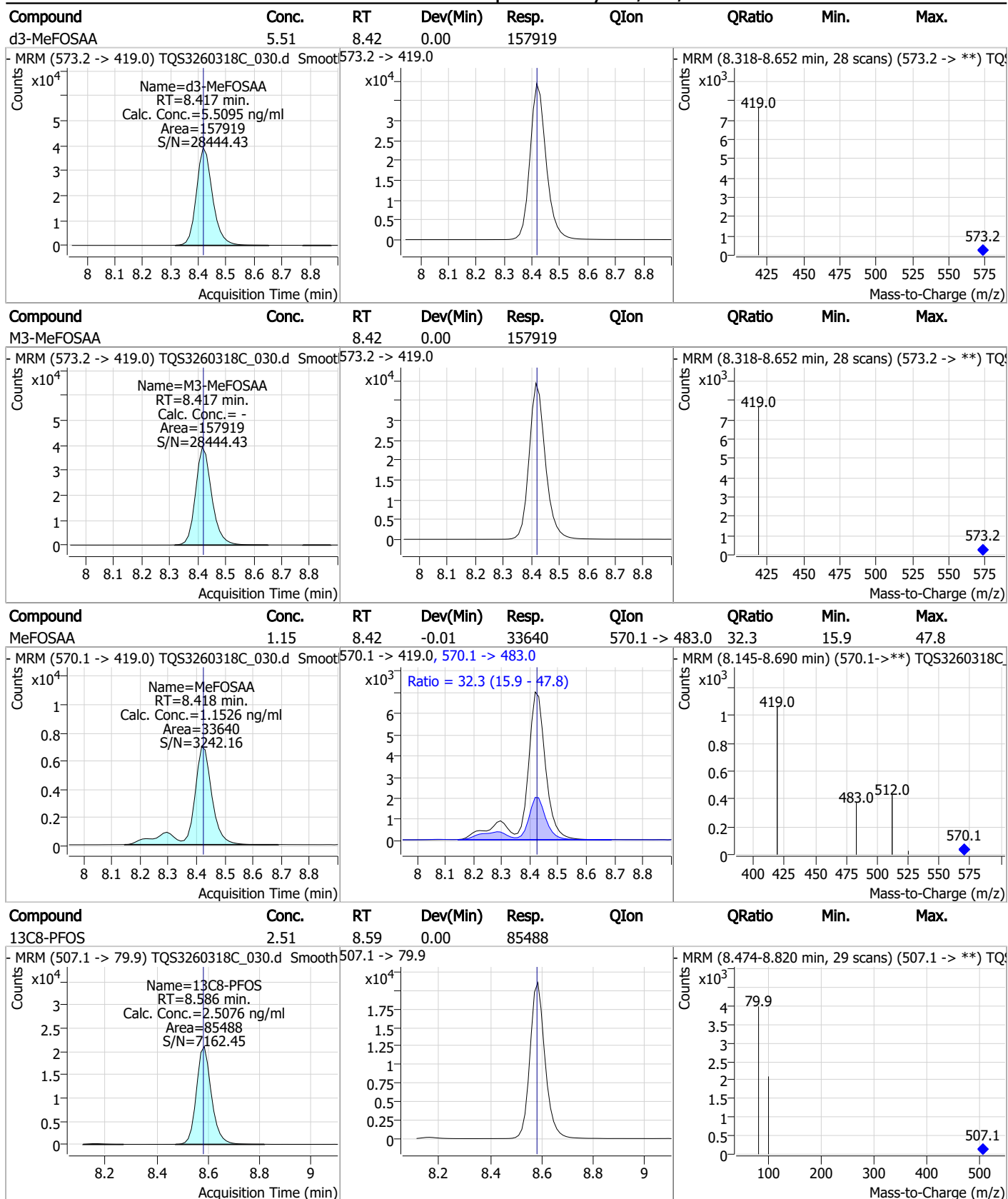
Perfluorinated Compounds by LC/MS/MS



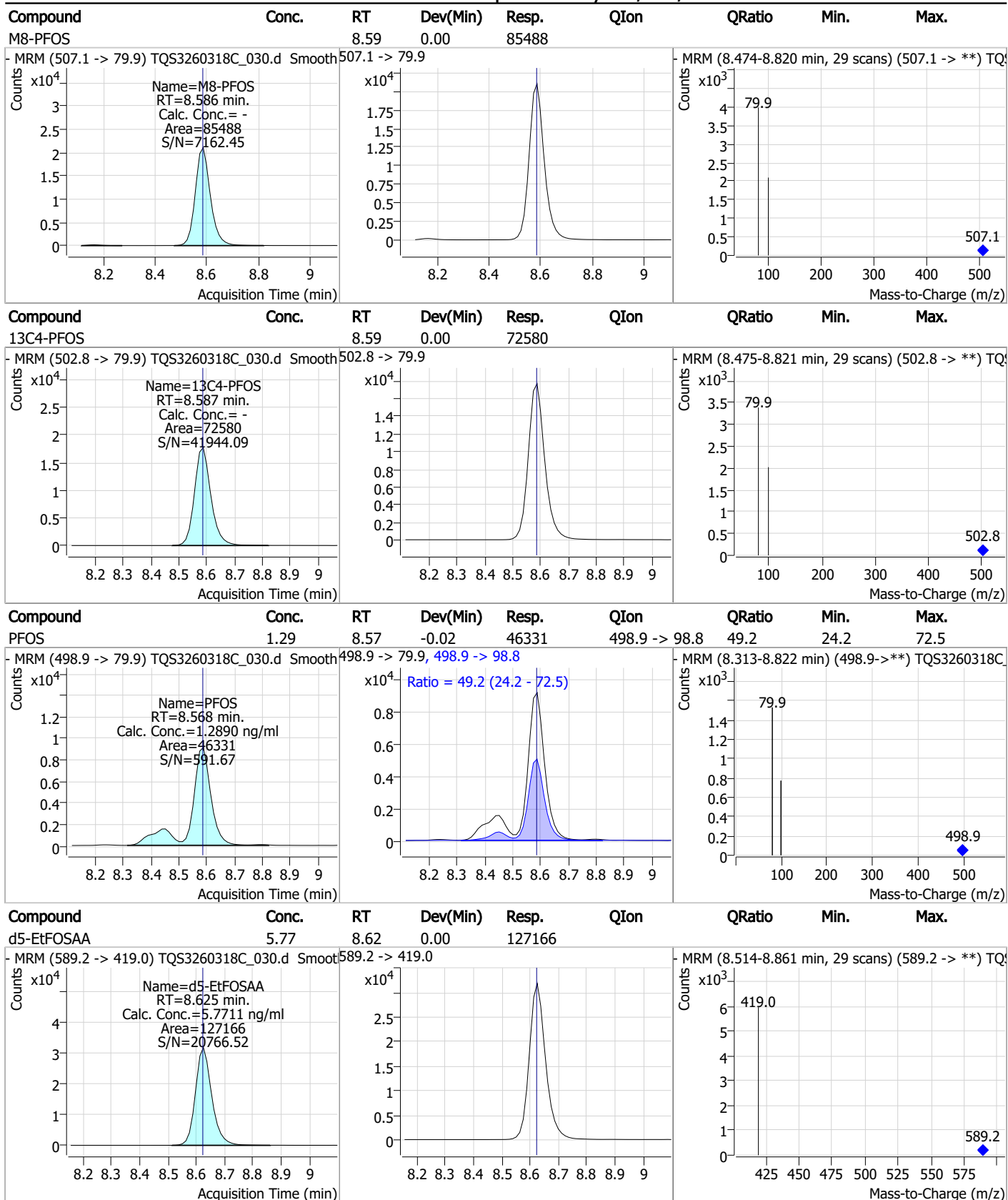
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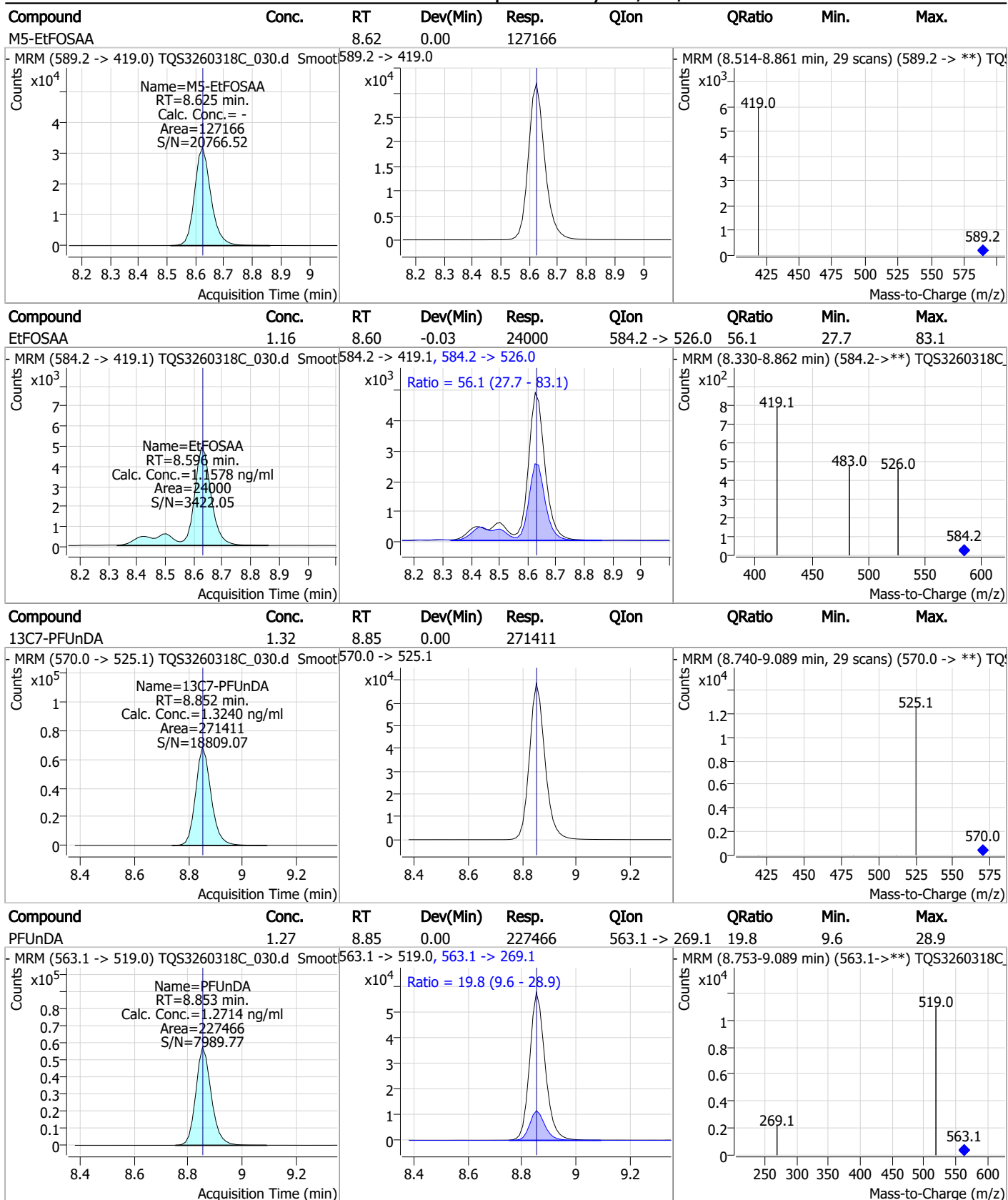
Perfluorinated Compounds by LC/MS/MS



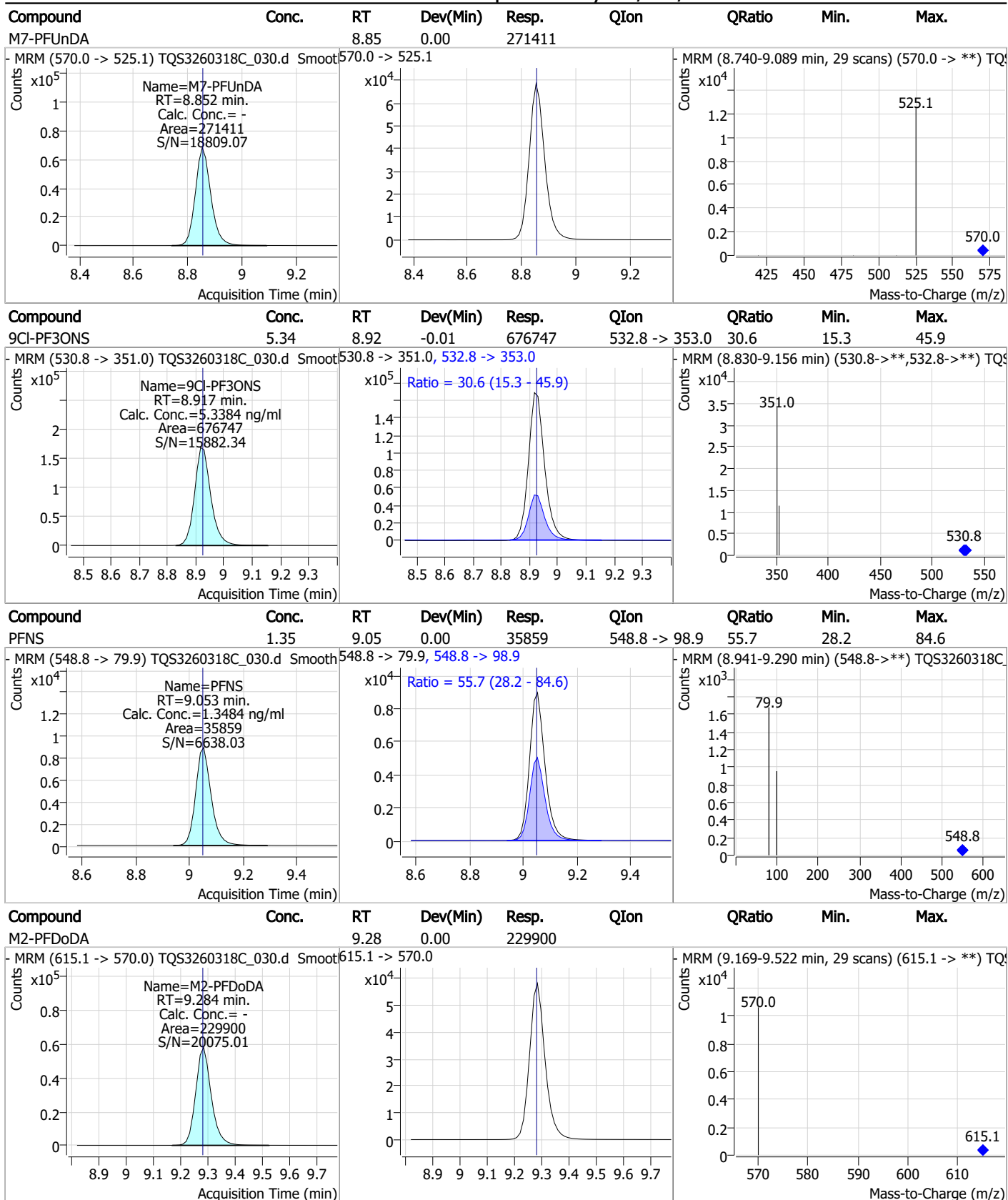
Perfluorinated Compounds by LC/MS/MS



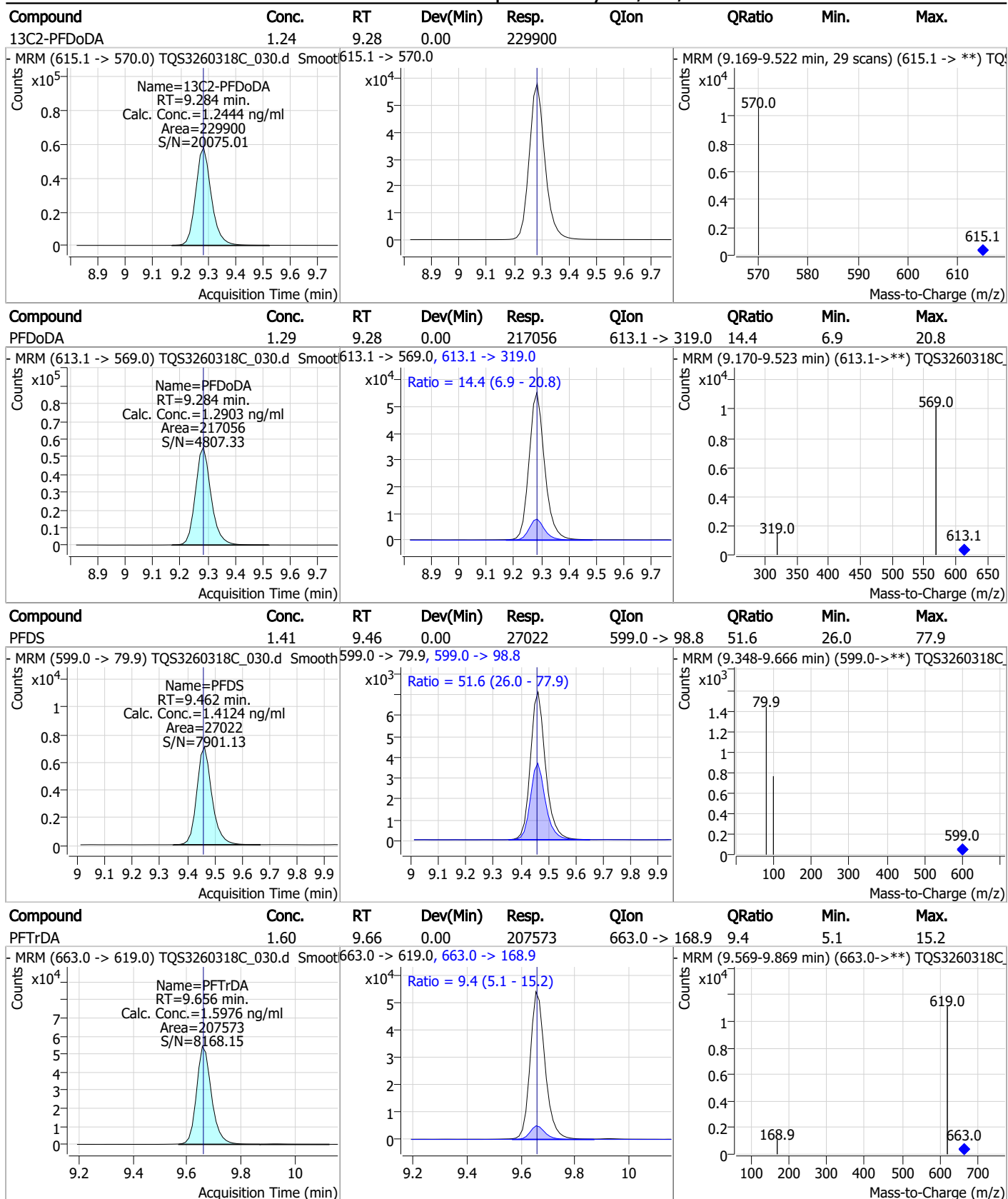
Perfluorinated Compounds by LC/MS/MS



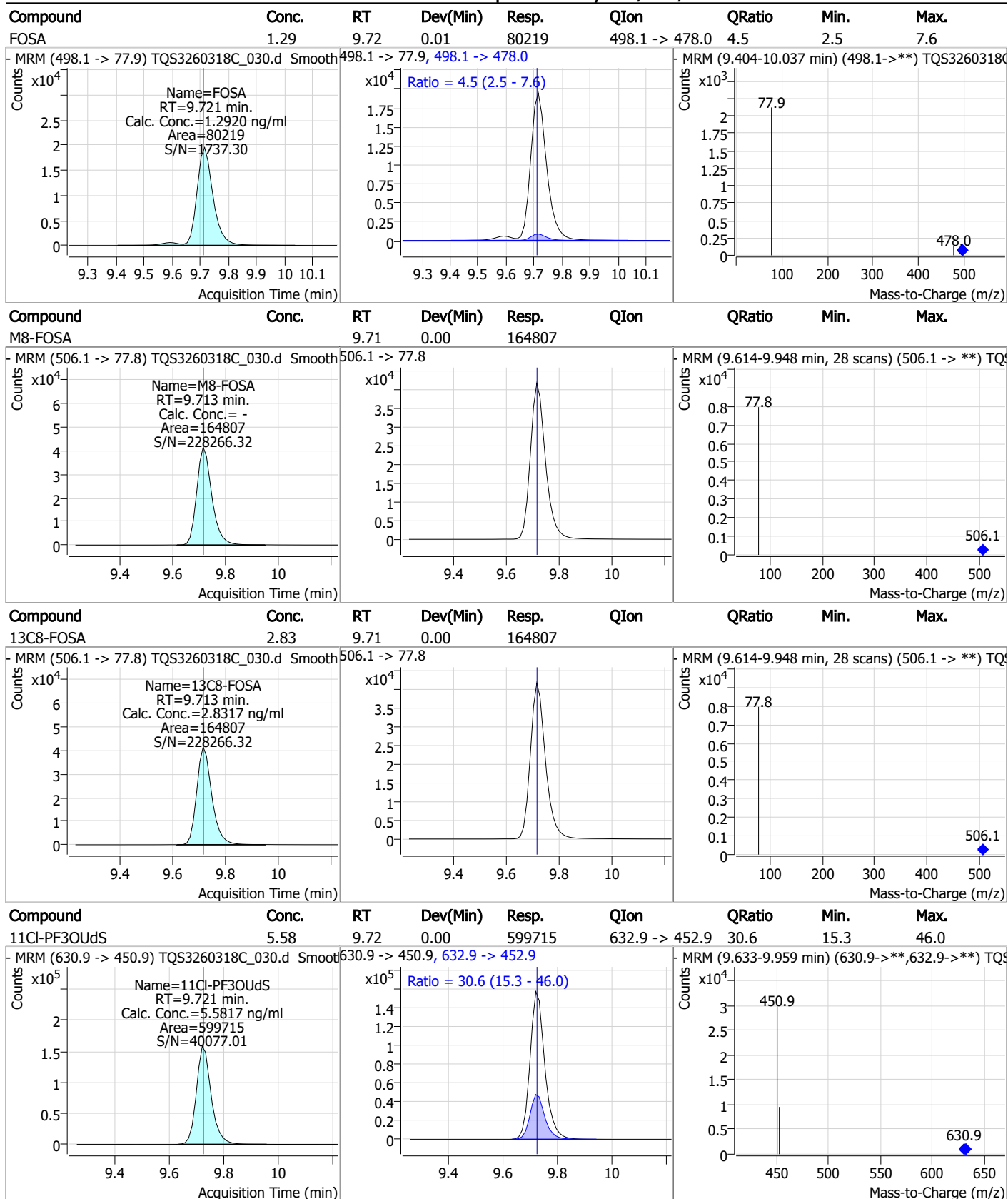
Perfluorinated Compounds by LC/MS/MS



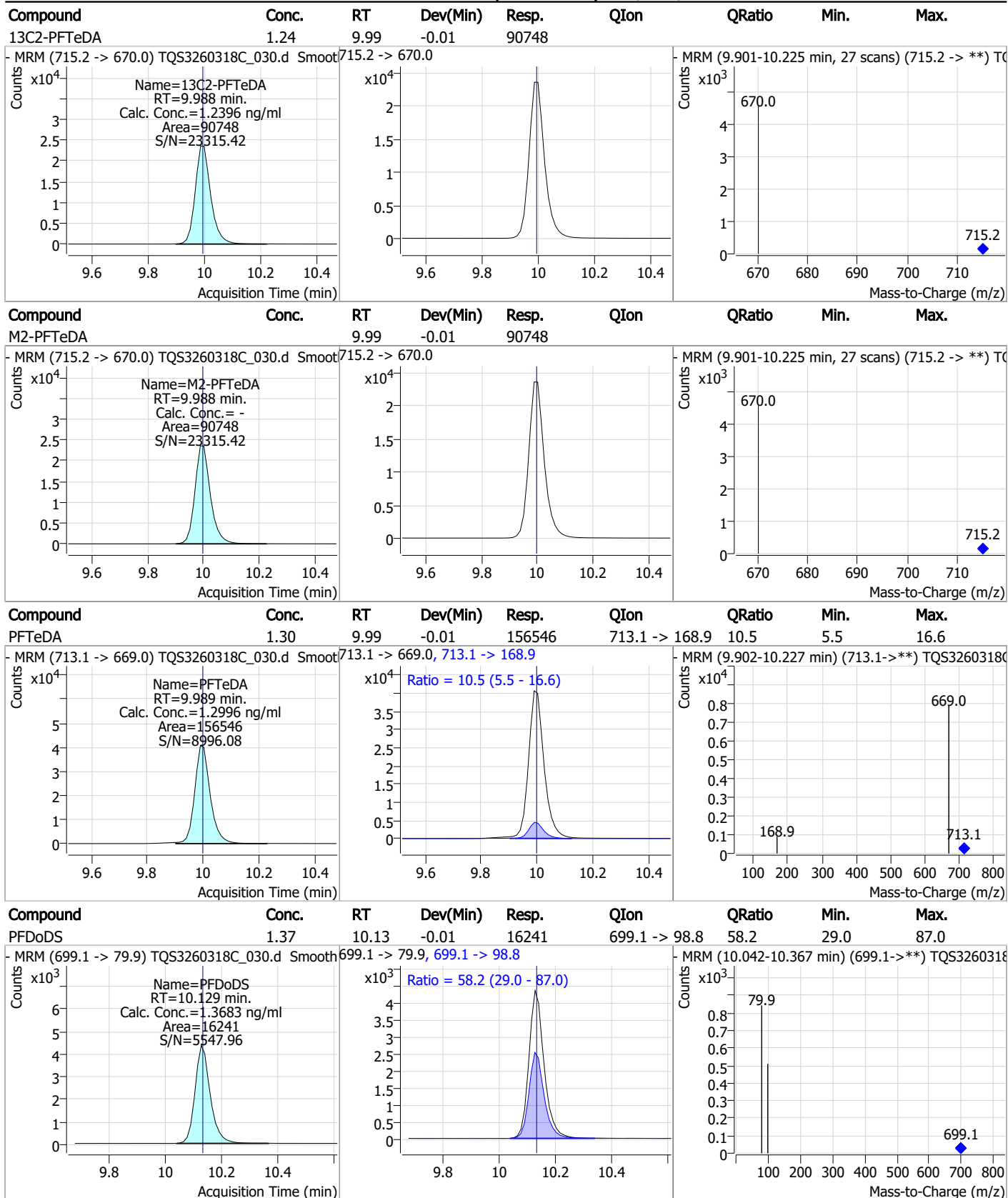
Perfluorinated Compounds by LC/MS/MS



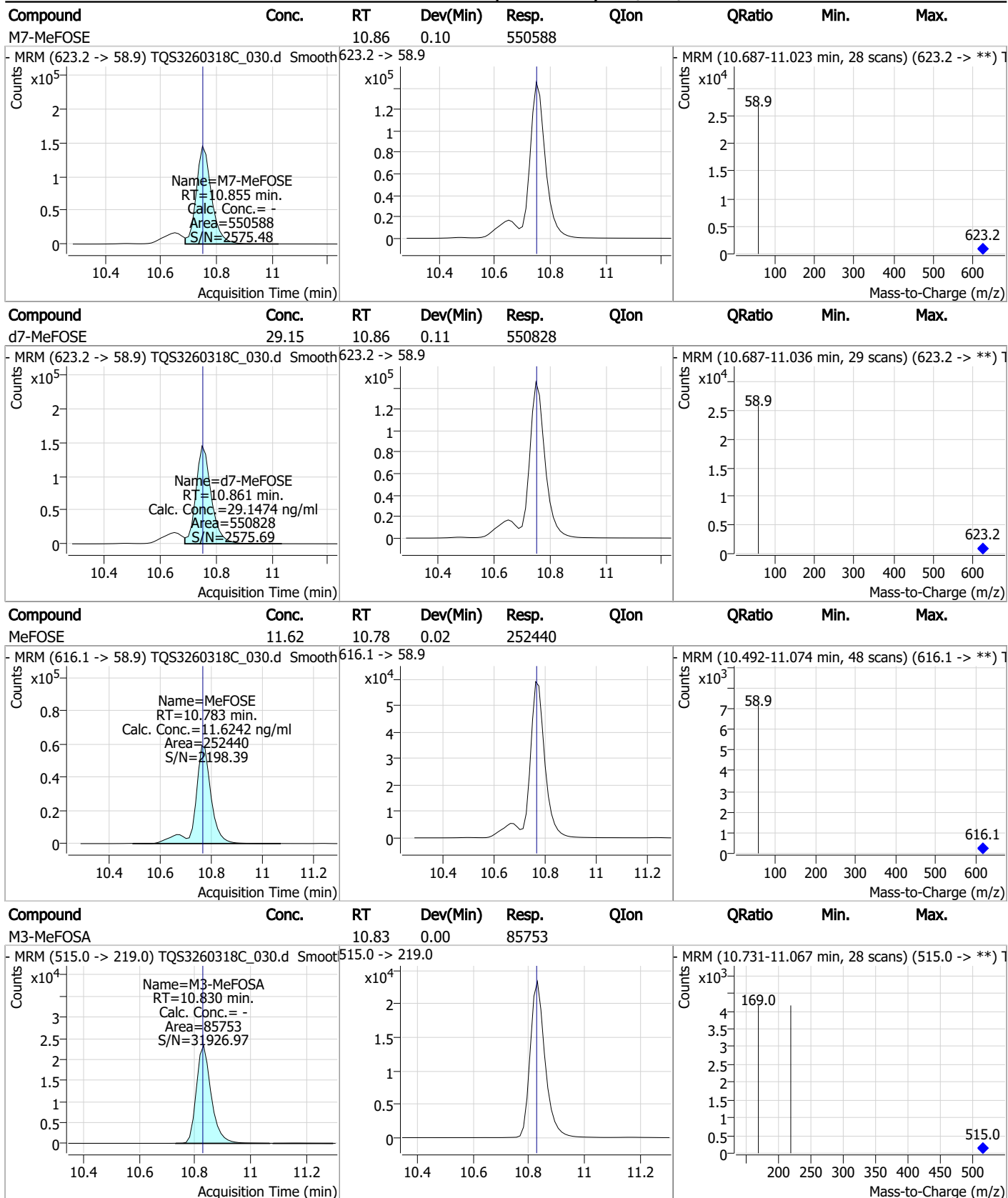
Perfluorinated Compounds by LC/MS/MS



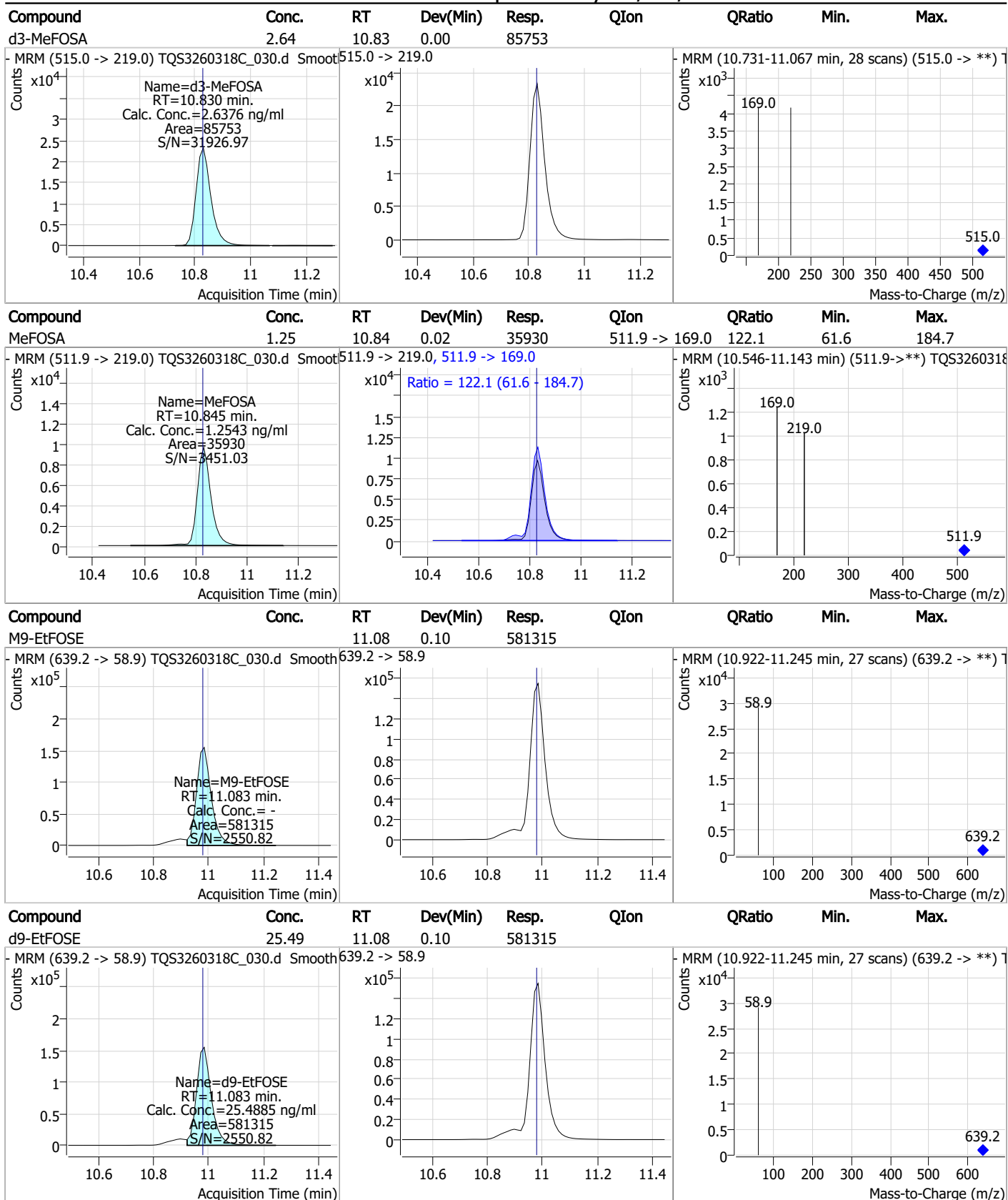
Perfluorinated Compounds by LC/MS/MS



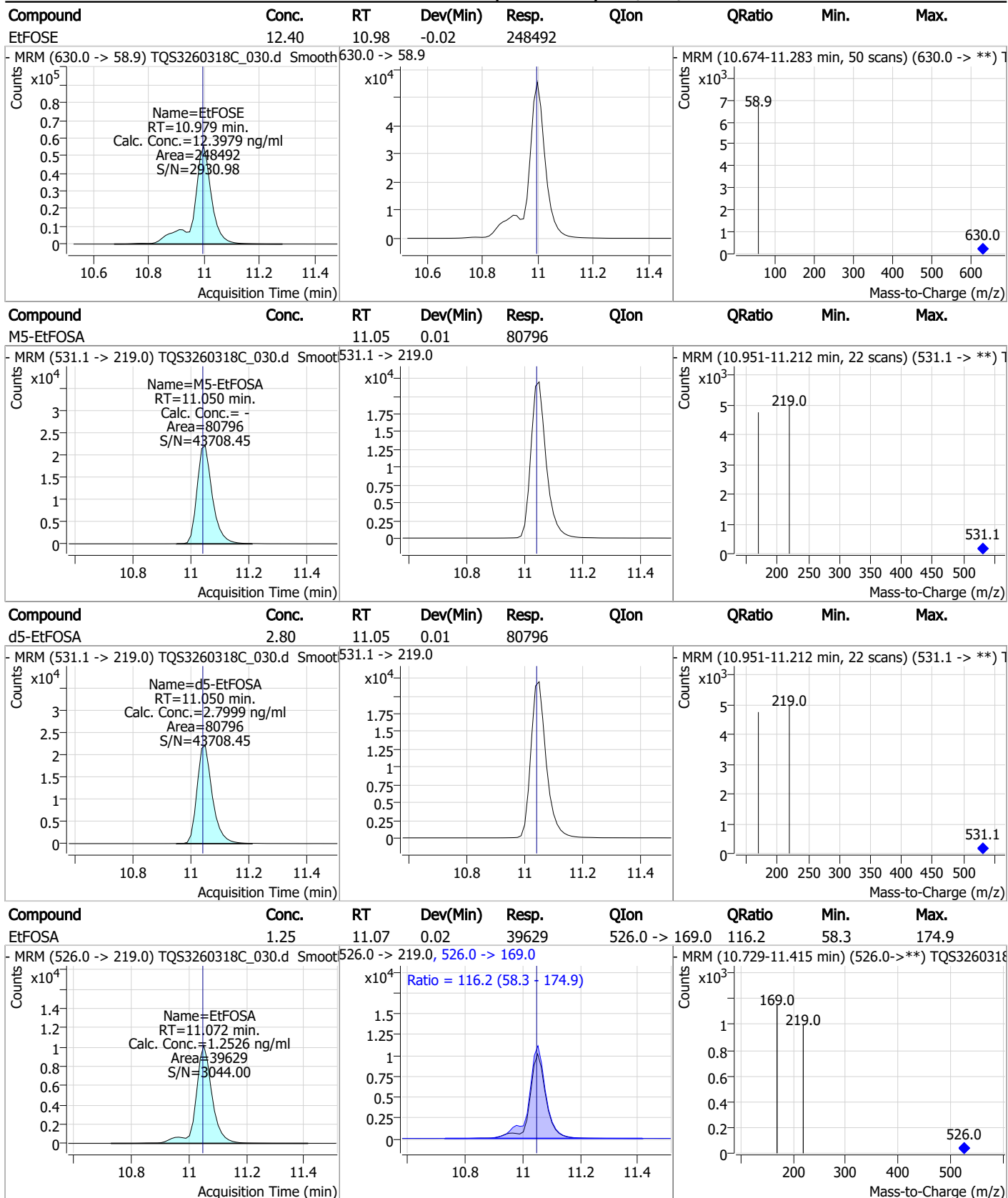
Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Data File : TQS3260318C_031.d
 Operator
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 1:13:00 AM
 Sample Name : Qualitative ID
 Vial : P3-B4
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3913_ICAL_C_1633.batch.bin
 Sample Information : RT Check

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Internal Standards					
13C2-PFDA	8.385	515.1 -> 470.1	148104	1.25 ng/ml	0.000
13C2-PFHxA	5.857	315.1 -> 270.0	299040	2.50 ng/ml	-0.004
13C3-PFBA	3.177	216.0 -> 172.0	464542	5.00 ng/ml	0.004
13C4-PFOA	7.369	417.1 -> 372.0	487710	2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	53292	2.50 ng/ml	0.002
13C5-PFNA	7.887	468.0 -> 423.0	191808	1.25 ng/ml	-0.007
18O2-PFHxS	7.522	403.0 -> 83.9	48091	2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	12754	5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	19677	5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	21884	5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	149405	1.25 ng/ml	0.003
M2-PFTeDA	10.001	715.2 -> 670.0	57625	1.25 ng/ml	0.004
M3-HFPO-DA	6.223	286.9 -> 168.9	356253	10.00 ng/ml	-0.012
M3-MeFOSA	10.830	515.0 -> 219.0	55688	2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	109766	5.00 ng/ml	-0.004
M3-PFBS	5.848	302.1 -> 79.9	97617	2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	76171	2.50 ng/ml	0.002
M4-PFBA	3.173	216.8 -> 171.9	1023435	10.00 ng/ml	0.000
M4-PFHpA	6.751	367.1 -> 322.0	279016	2.50 ng/ml	0.002
M5-EtFOSA	11.050	531.1 -> 219.0	52412	2.50 ng/ml	0.009
M5-EtFOSAA	8.625	589.2 -> 419.0	86085	5.00 ng/ml	-0.001
M5-PFHxA	5.856	318.0 -> 273.0	318195	2.50 ng/ml	-0.006
M5-PFPeA	4.637	268.3 -> 223.0	457981	5.00 ng/ml	-0.005
M6-PFDA	8.385	519.1 -> 474.1	126941	1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	353406	25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	179730	1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	113267	2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	419353	2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	59166	2.50 ng/ml	0.002
M9-EtFOSE	11.083	639.2 -> 58.9	350940	25.00 ng/ml	0.105
M9-PFNA	7.887	472.1 -> 427.0	180652	1.25 ng/ml	-0.007

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	12754	4.89 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 97.8%	
13C2-6:2FTS	7.130	429.1 -> 80.9	19677	4.83 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 96.6%	
13C2-8:2FTS	8.160	529.1 -> 80.9	21884	4.94 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 98.7%	
13C2-PFDoDA	9.284	615.1 -> 570.0	149405	1.12 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 89.6%	
13C2-PFTeDA	10.001	715.2 -> 670.0	57625	1.09 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 87.2%	
13C3-HFPO-DA	6.223	286.9 -> 168.9	356253	9.57 ng/ml	-0.012
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 95.7%	
d3-MeFOSA	10.830	515.0 -> 219.0	55688	2.33 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 93.3%	
d3-MeFOSAA	8.417	573.2 -> 419.0	109766		5.22 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 104.3%	
13C3-PFBs	5.848	302.1 -> 79.9	97617		2.30 ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 92.0%	
13C3-PFHxS	7.523	402.1 -> 79.9	76171		2.39 ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 95.5%	
13C4-PFBA	3.175	216.8 -> 171.9	1032954		9.42 ng/ml	0.002
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 94.2%	
13C4-PFHpA	6.751	367.1 -> 322.0	279016		2.33 ng/ml	0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 93.1%	
d5-EtFOSA	11.050	531.1 -> 219.0	52412		2.47 ng/ml	0.009
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 98.9%	
d5-EtFOSAA	8.625	589.2 -> 419.0	86085		5.32 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 106.4%	
13C5-PFHxA	5.856	318.0 -> 273.0	318195		2.35 ng/ml	-0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 94.0%	
13C5-PFPeA	4.637	268.3 -> 223.0	457981		4.71 ng/ml	-0.003
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 94.1%	
13C6-PFDA	8.385	519.1 -> 474.1	126941		1.20 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 96.4%	
d7-MeFOSE	10.861	623.2 -> 58.9	353552		25.48 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 101.9%	
13C7-PFUnDA	8.852	570.0 -> 525.1	179730		1.21 ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 97.2%	
13C8-FOSA	9.713	506.1 -> 77.8	113267		2.65 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 106.0%	
13C8-PFOA	7.369	421.1 -> 376.0	419353		2.32 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 92.9%	
13C8-PFOS	8.586	507.1 -> 79.9	59166		2.36 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 94.5%	
d9-EtFOSE	11.083	639.2 -> 58.9	350940		20.96 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 83.8%	
13C9-PFNA	7.887	472.1 -> 427.0	180652		1.20 ng/ml	-0.007
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 95.7%	

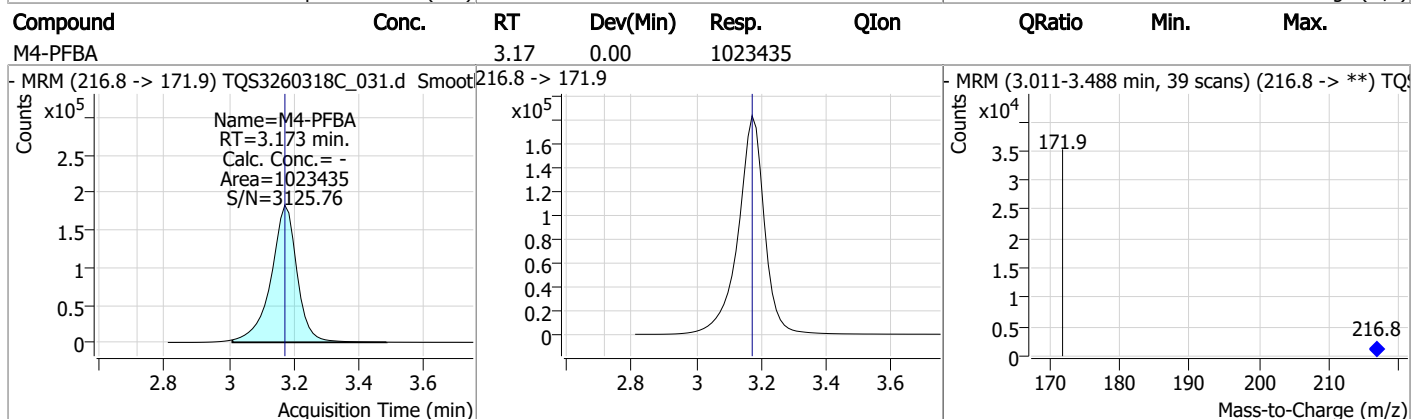
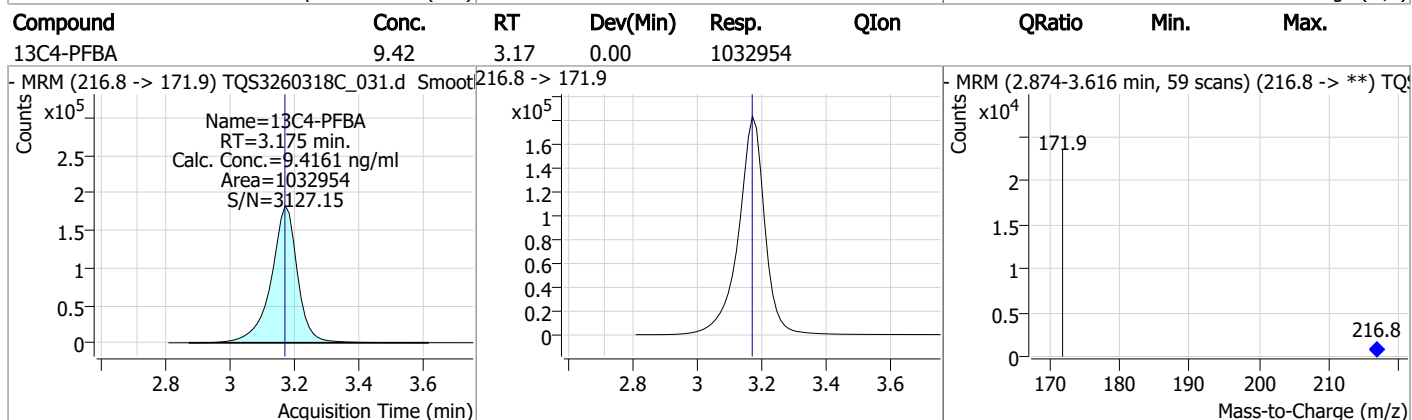
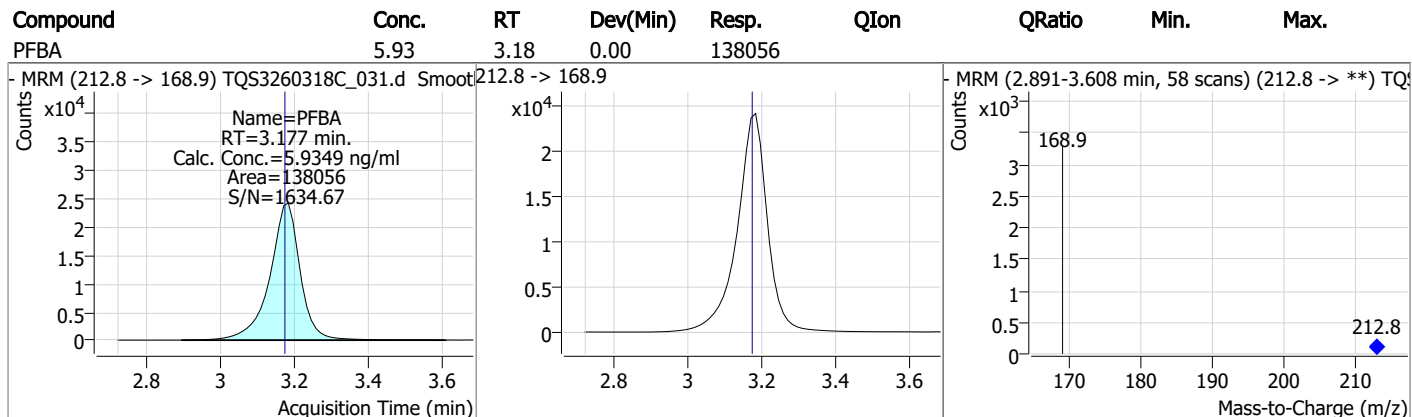
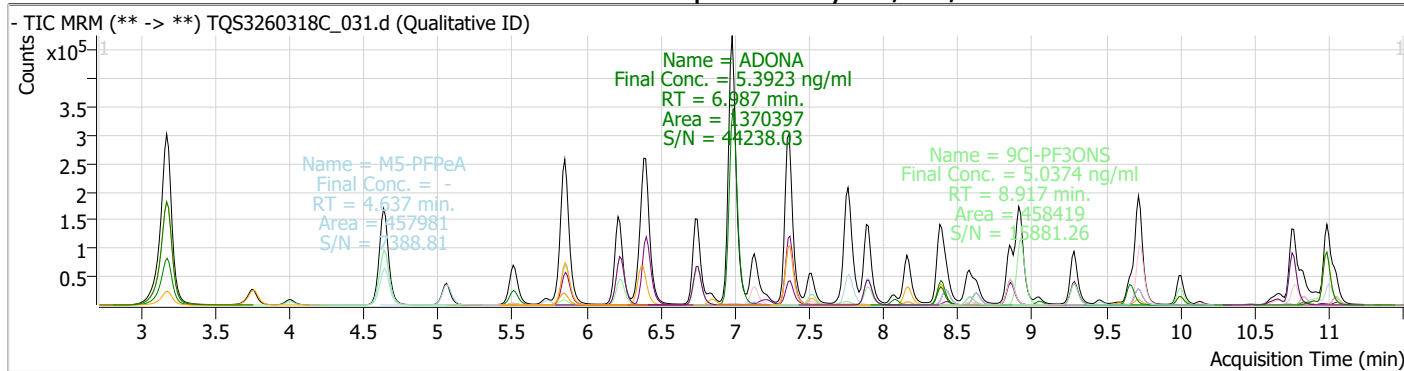
Target Compounds

						QValue
11CI-PF3OUdS	9.721	630.9 -> 450.9	405867		5.26 ng/ml	98
TDCA	-	498.9 -> 79.9	-	-	N.D.	
3:3 FTCA	4.009	241.0 -> 177.0	27729		6.29 ng/ml	100
4:2FTS	5.508	327.1 -> 307.0	110581		4.86 ng/ml	98
5:3 FTCA	6.402	341.0 -> 237.1	509619		32.67 ng/ml	99
6:2FTS	7.131	427.1 -> 407.0	130371		5.37 ng/ml	98
7:3 FTCA	7.766	441.0 -> 316.9	229554		33.46 ng/ml	98
8:2FTS	8.160	527.1 -> 507.0	129609		5.26 ng/ml	96
9CI-PF3ONS	8.917	530.8 -> 351.0	458419		5.04 ng/ml	99
ADONA	6.987	376.9 -> 250.9	1370397		5.39 ng/ml	99
EtFOSA	11.072	526.0 -> 219.0	29682		1.45 ng/ml	88
EtFOSAA	8.596	584.2 -> 419.1	18466		1.32 ng/ml	98
EtFOSE	10.979	630.0 -> 58.9	206083		17.03 ng/ml	100
FOSA	9.721	498.1 -> 77.9	55553		1.30 ng/ml	100
HFPO-DA	6.224	284.9 -> 168.9	191902		5.90 ng/ml	99
MeFOSA	10.845	511.9 -> 219.0	27309		1.47 ng/ml	80
MeFOSAA	8.418	570.1 -> 419.0	27776		1.37 ng/ml	99
MeFOSE	10.783	616.1 -> 58.9	185854		13.33 ng/ml	100
NFDHA	5.740	295.0 -> 201.0	33133		2.70 ng/ml	99
PFBA	3.177	212.8 -> 168.9	138056		5.93 ng/ml	100

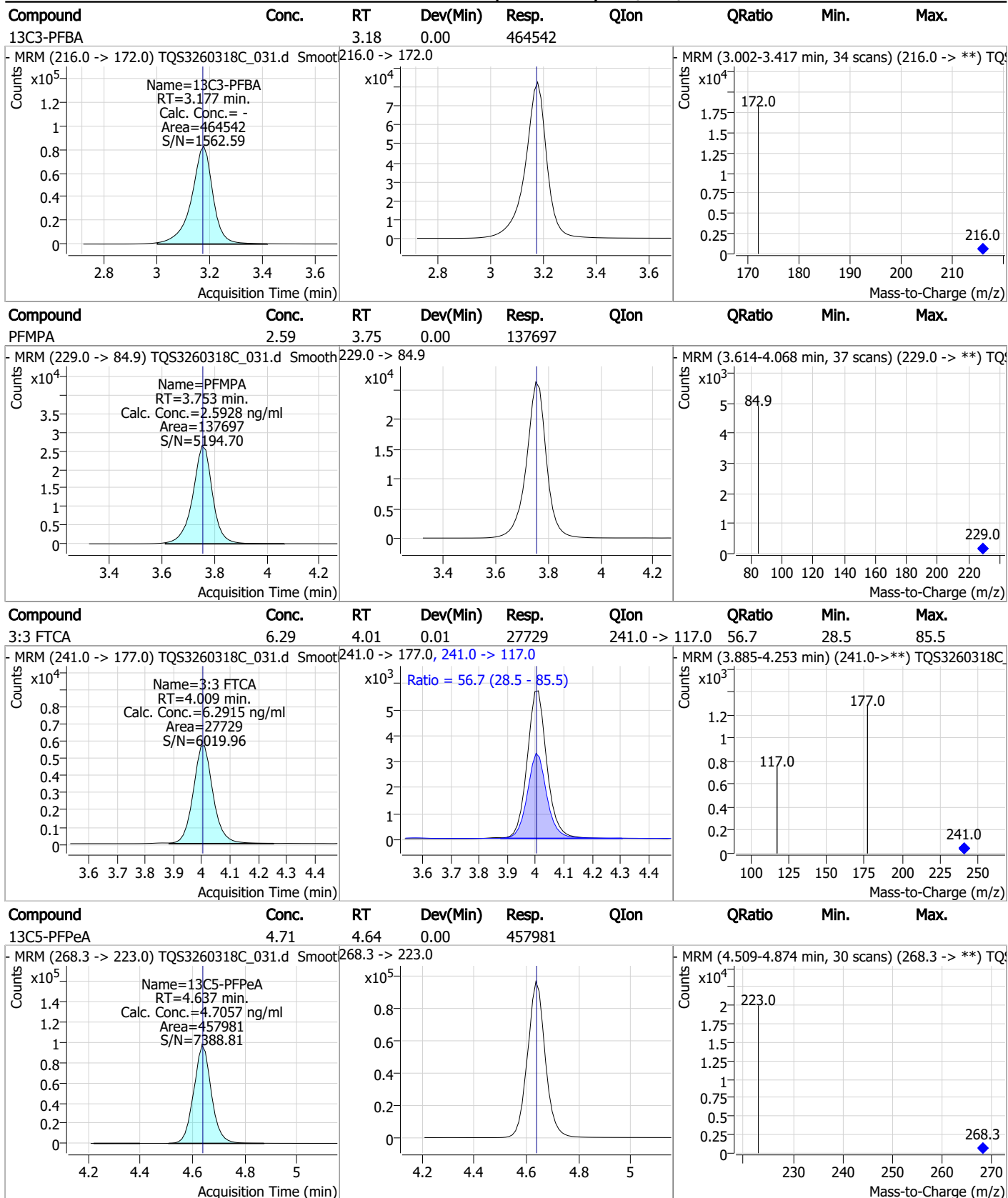
Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc.	Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	41934		1.18	ng/ml	100
PFDA	8.386	512.9 -> 469.0	171387		1.49	ng/ml	99
PFDoDA	9.284	613.1 -> 569.0	162606		1.49	ng/ml	99
PFDoDS	10.129	699.1 -> 79.9	11579		1.41	ng/ml	99
PFDS	9.462	599.0 -> 79.9	18652		1.41	ng/ml	98
PFEESA	6.368	314.8 -> 134.9	307669		2.49	ng/ml	99
PFHpA	6.751	363.1 -> 319.0	255230		1.19	ng/ml	99
PFHpS	8.080	449.0 -> 79.9	39085		1.40	ng/ml	100
PFHxA	5.859	313.0 -> 269.0	246387		1.36	ng/ml	100
PFHxS	7.504	398.7 -> 79.9	29995		1.24	ng/ml	100
PFMBA	5.065	279.0 -> 85.1	166766		2.86	ng/ml	100
PFMPA	3.753	229.0 -> 84.9	137697		2.59	ng/ml	100
PFNA	7.888	463.0 -> 419.0	163531		1.06	ng/ml	m 84
PFNS	9.053	548.8 -> 79.9	25801		1.40	ng/ml	100
PFOA	7.371	413.0 -> 369.0	213122		1.09	ng/ml	m 94
PFOS	8.568	498.9 -> 79.9	33462		1.35	ng/ml	96
PFPeA	4.640	263.0 -> 219.0	304223		2.74	ng/ml	100
PFPeS	6.853	349.1 -> 79.9	42580		1.29	ng/ml	96
PFTeDA	10.002	713.1 -> 669.0	113536		1.48	ng/ml	99
PFTTrDA	9.656	663.0 -> 619.0	141766		1.68	ng/ml	100
PFUnDA	8.853	563.1 -> 519.0	158704		1.34	ng/ml	100

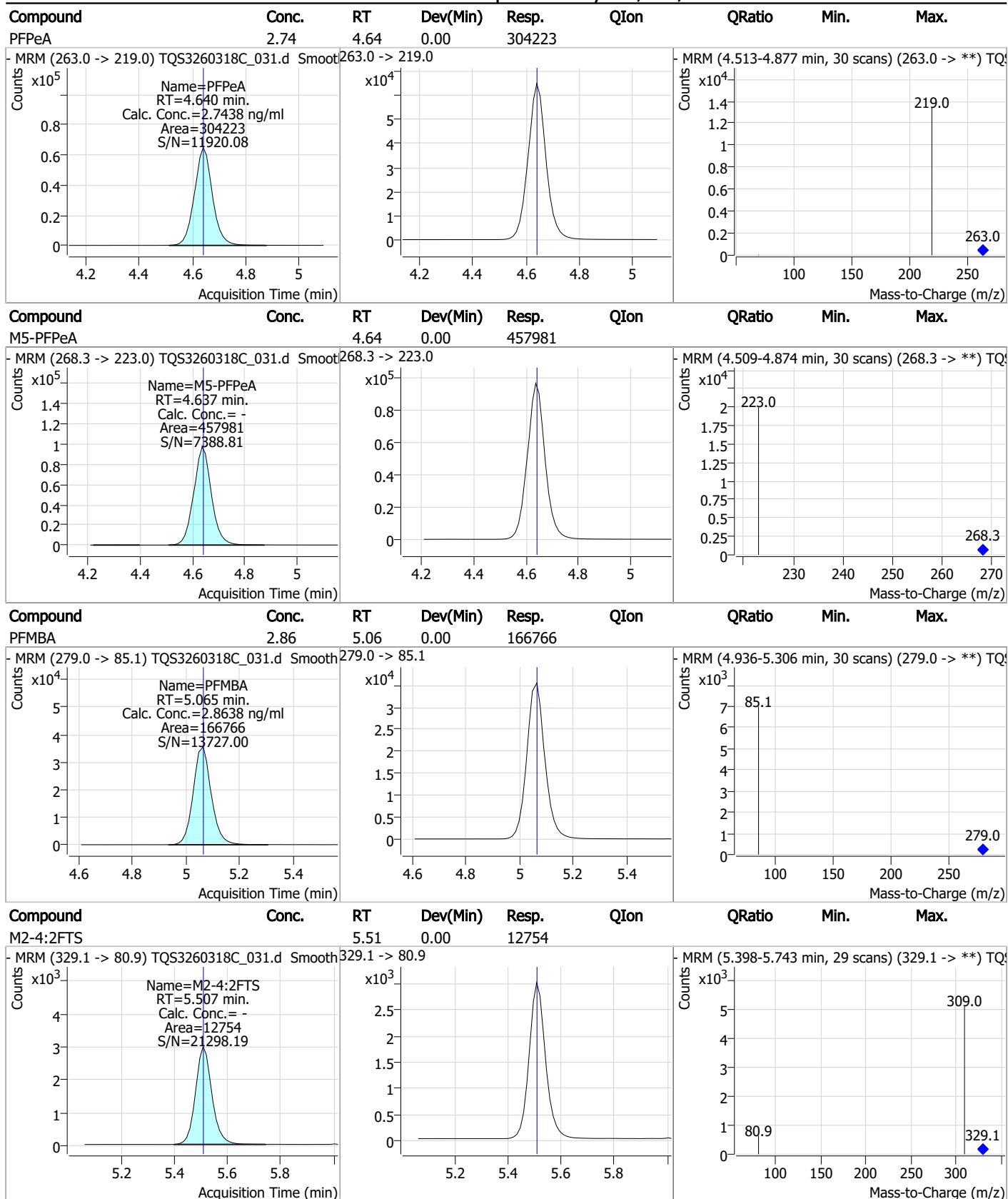
= Qualifier out of range, m = manually integrated, + = Area summed



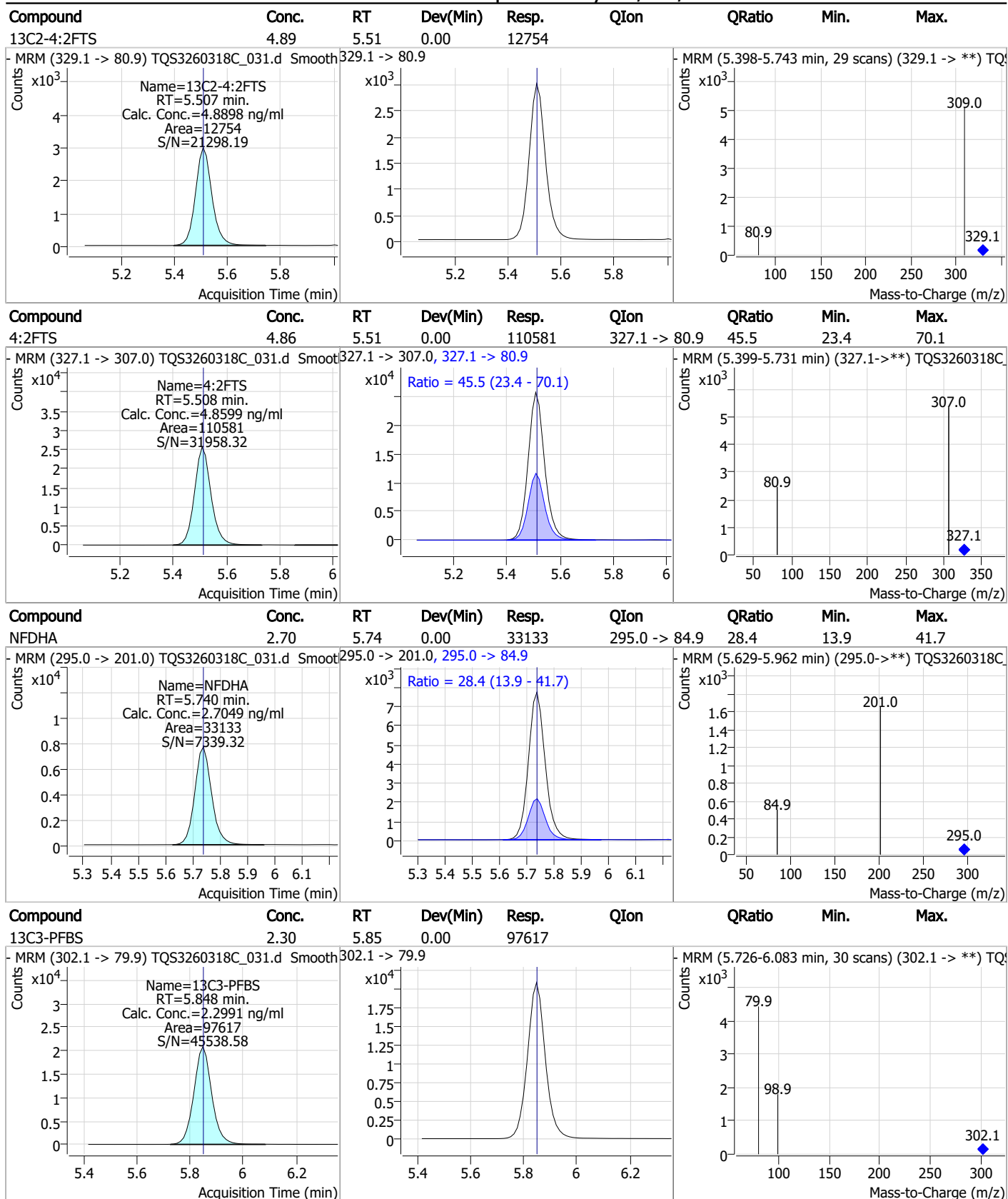
Perfluorinated Compounds by LC/MS/MS



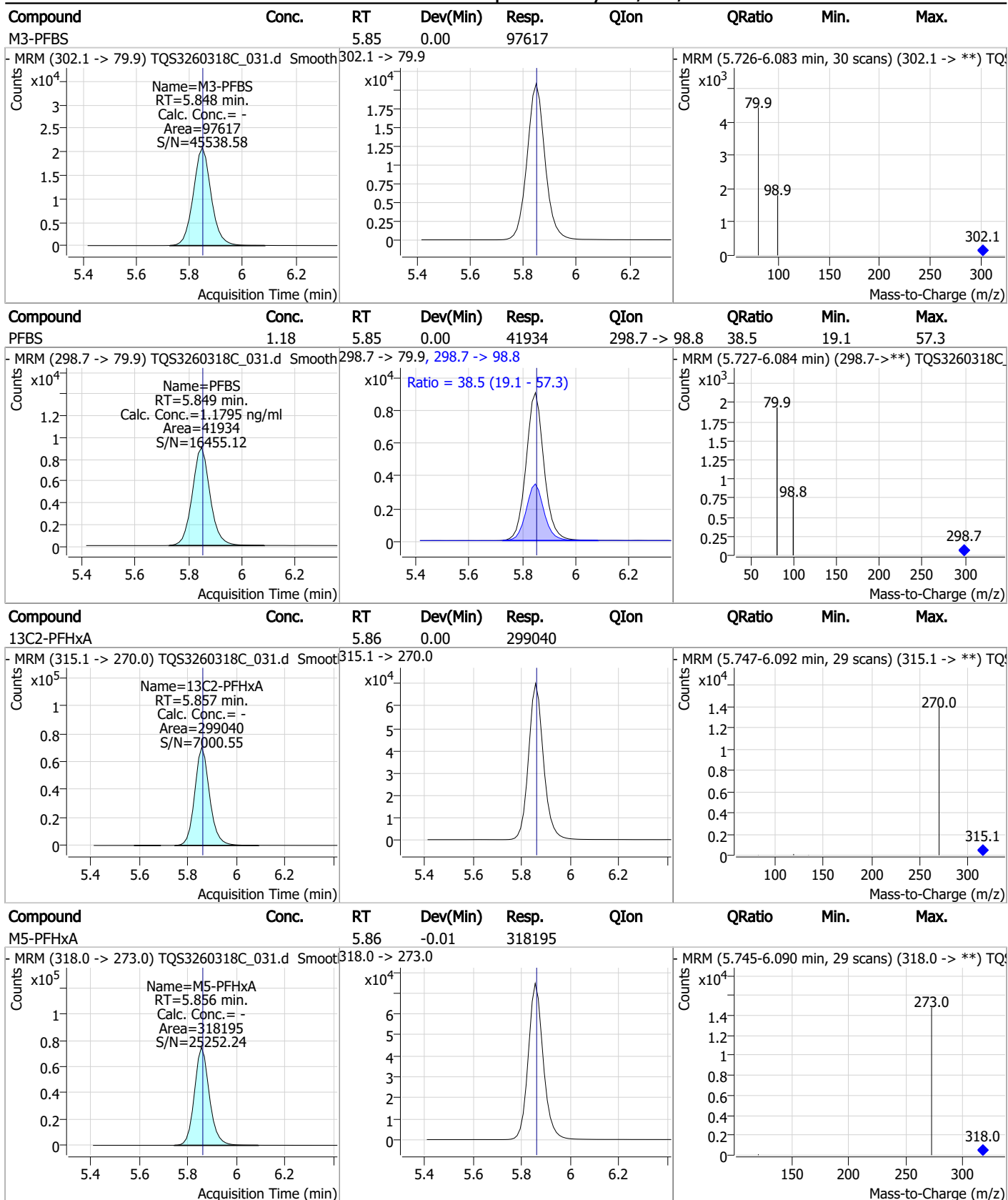
Perfluorinated Compounds by LC/MS/MS



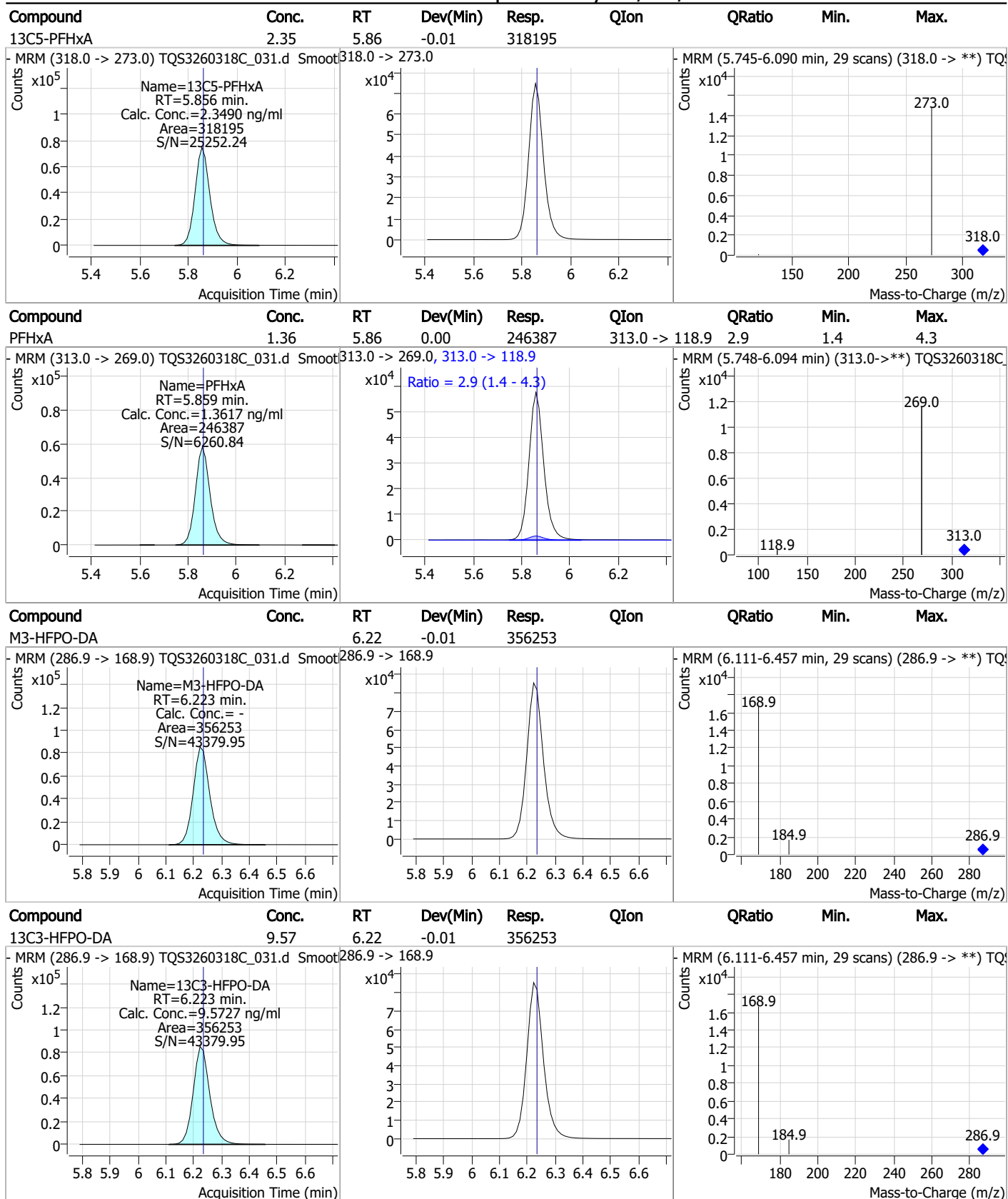
Perfluorinated Compounds by LC/MS/MS



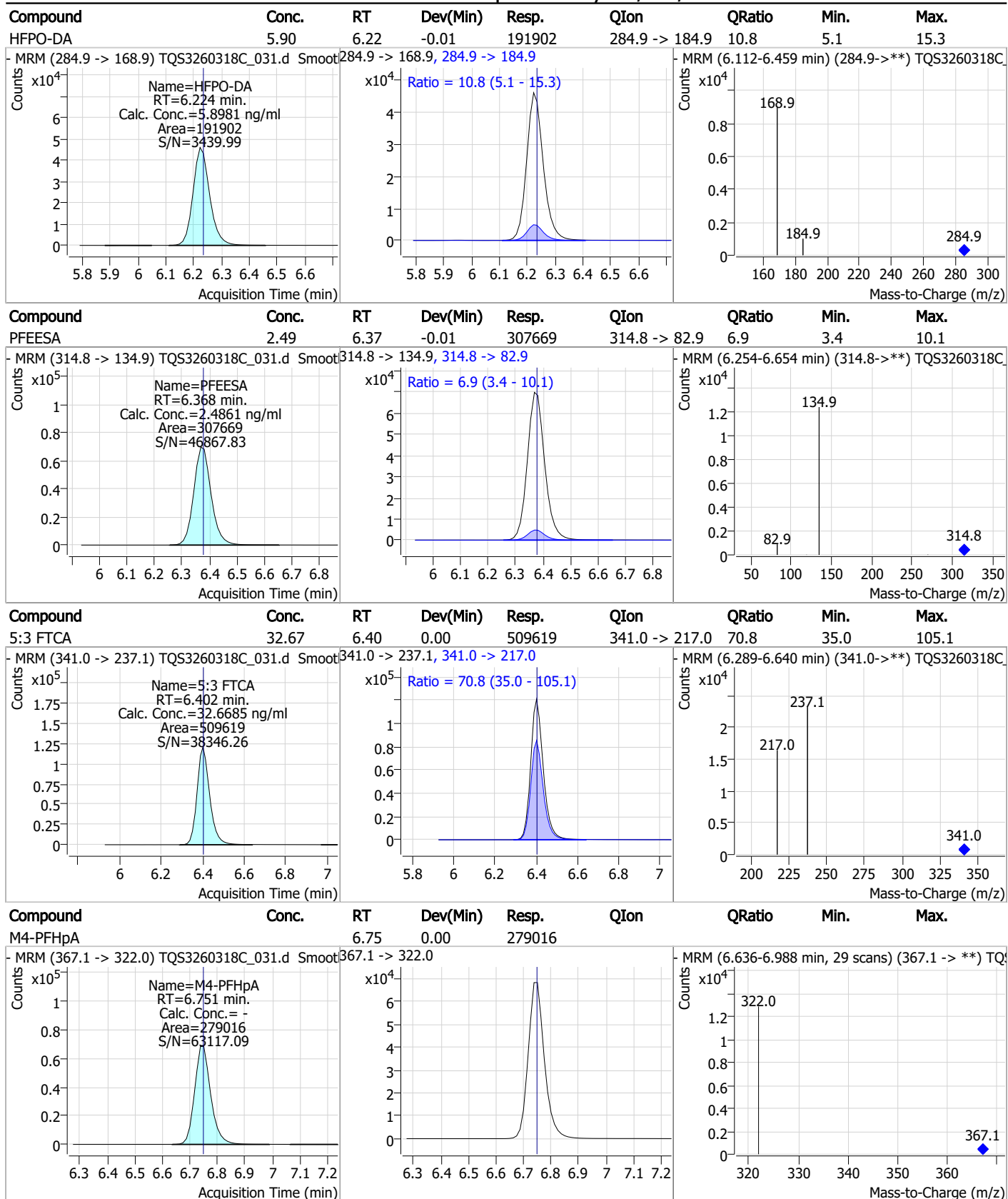
Perfluorinated Compounds by LC/MS/MS



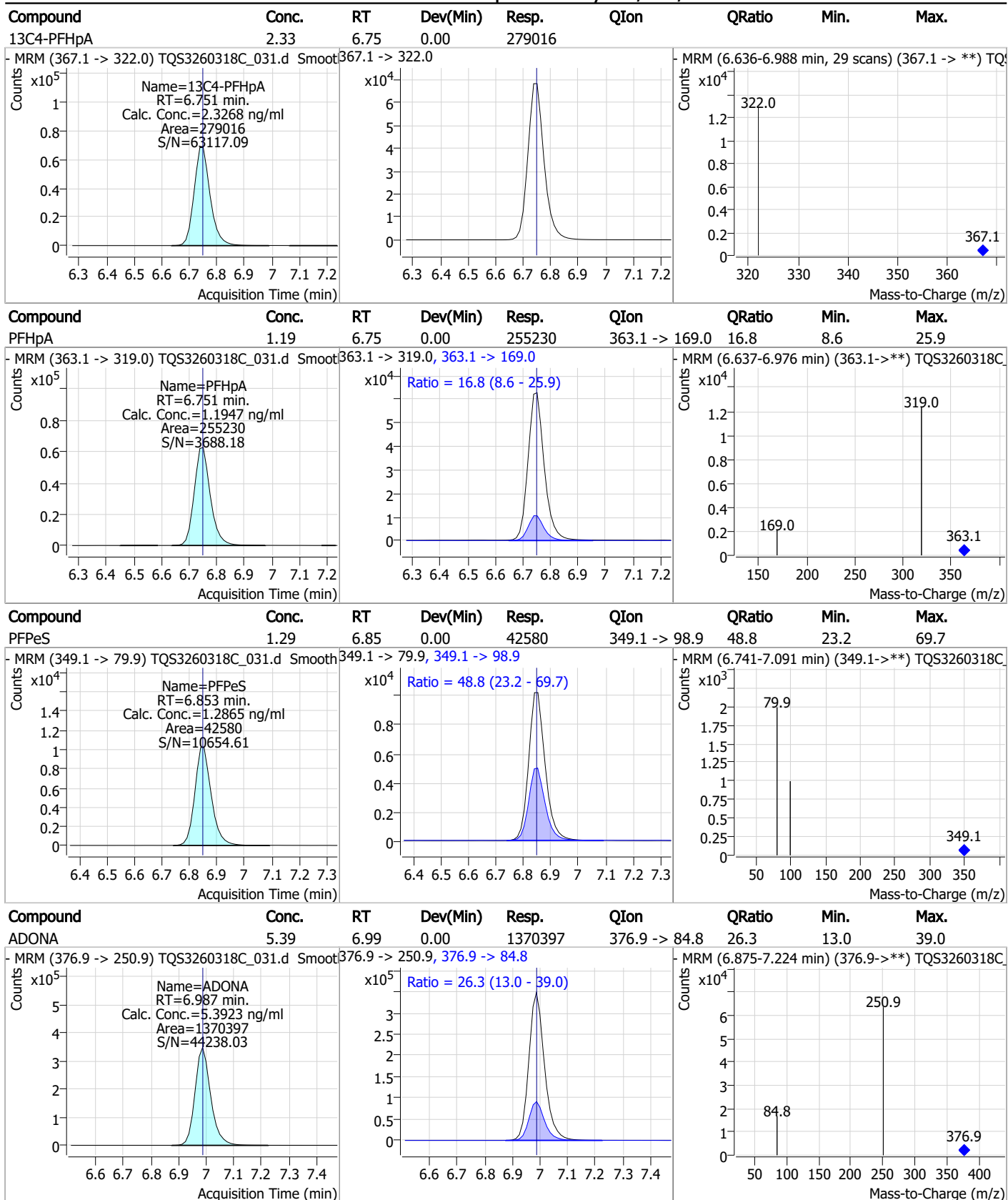
Perfluorinated Compounds by LC/MS/MS



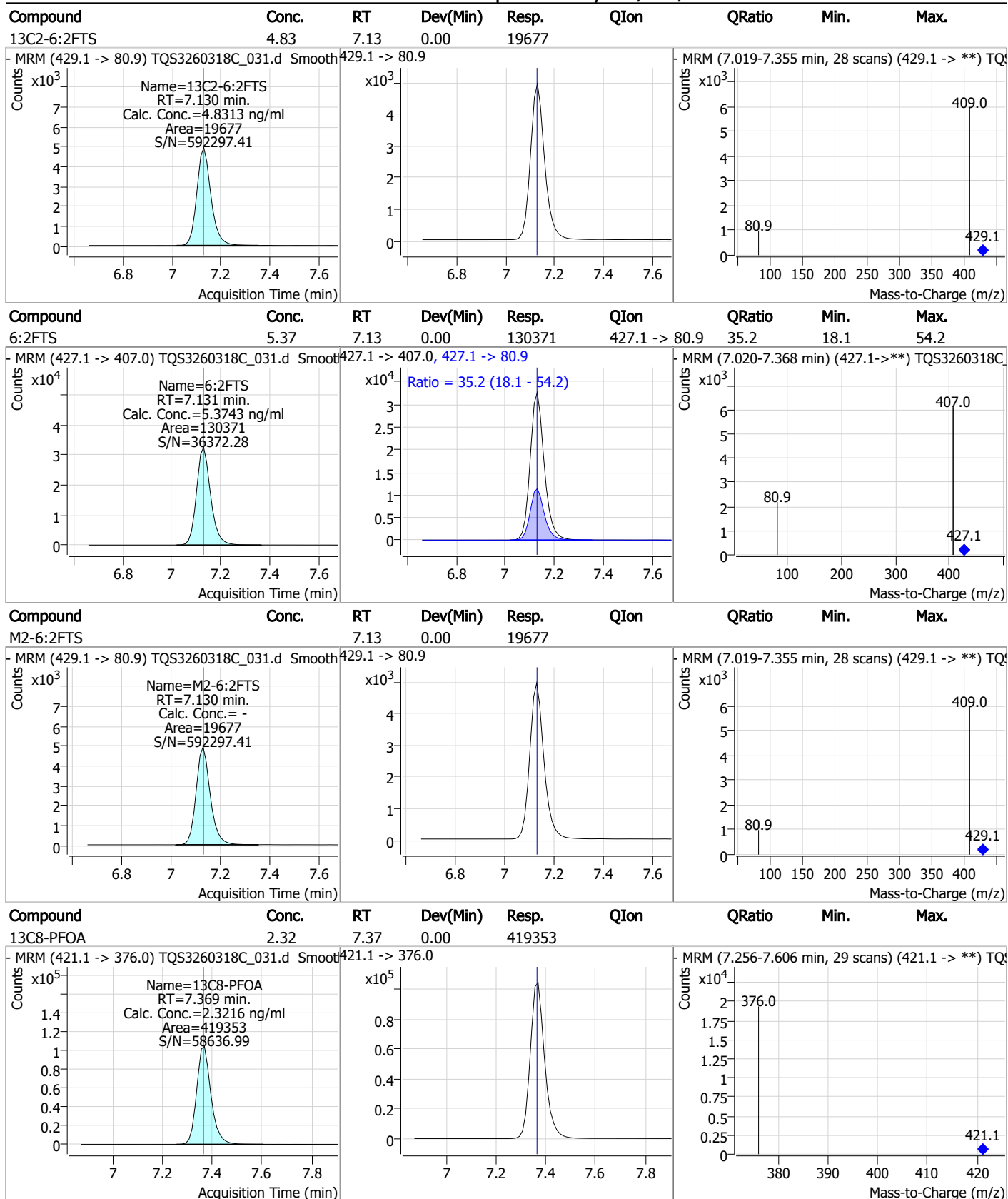
Perfluorinated Compounds by LC/MS/MS



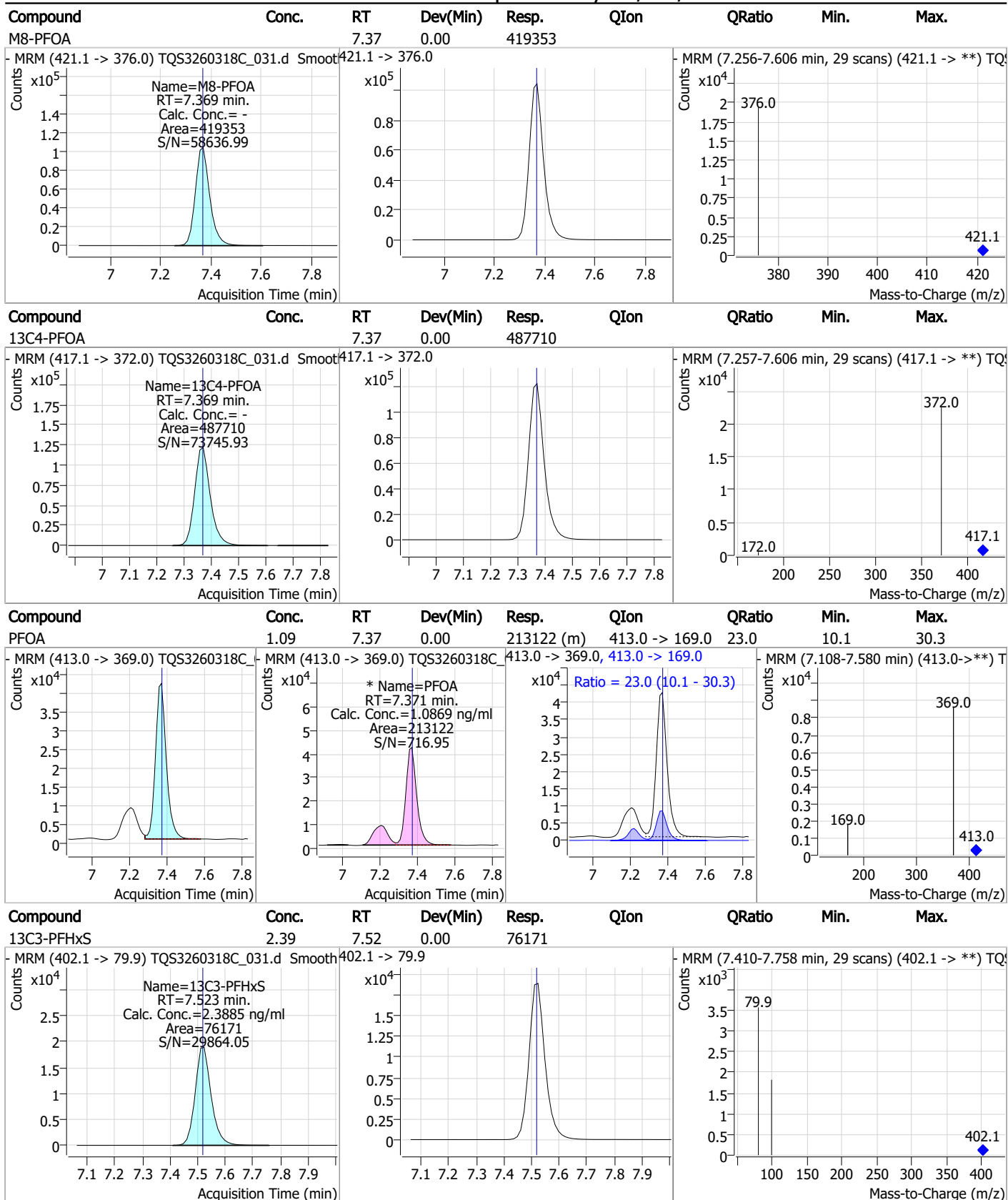
Perfluorinated Compounds by LC/MS/MS



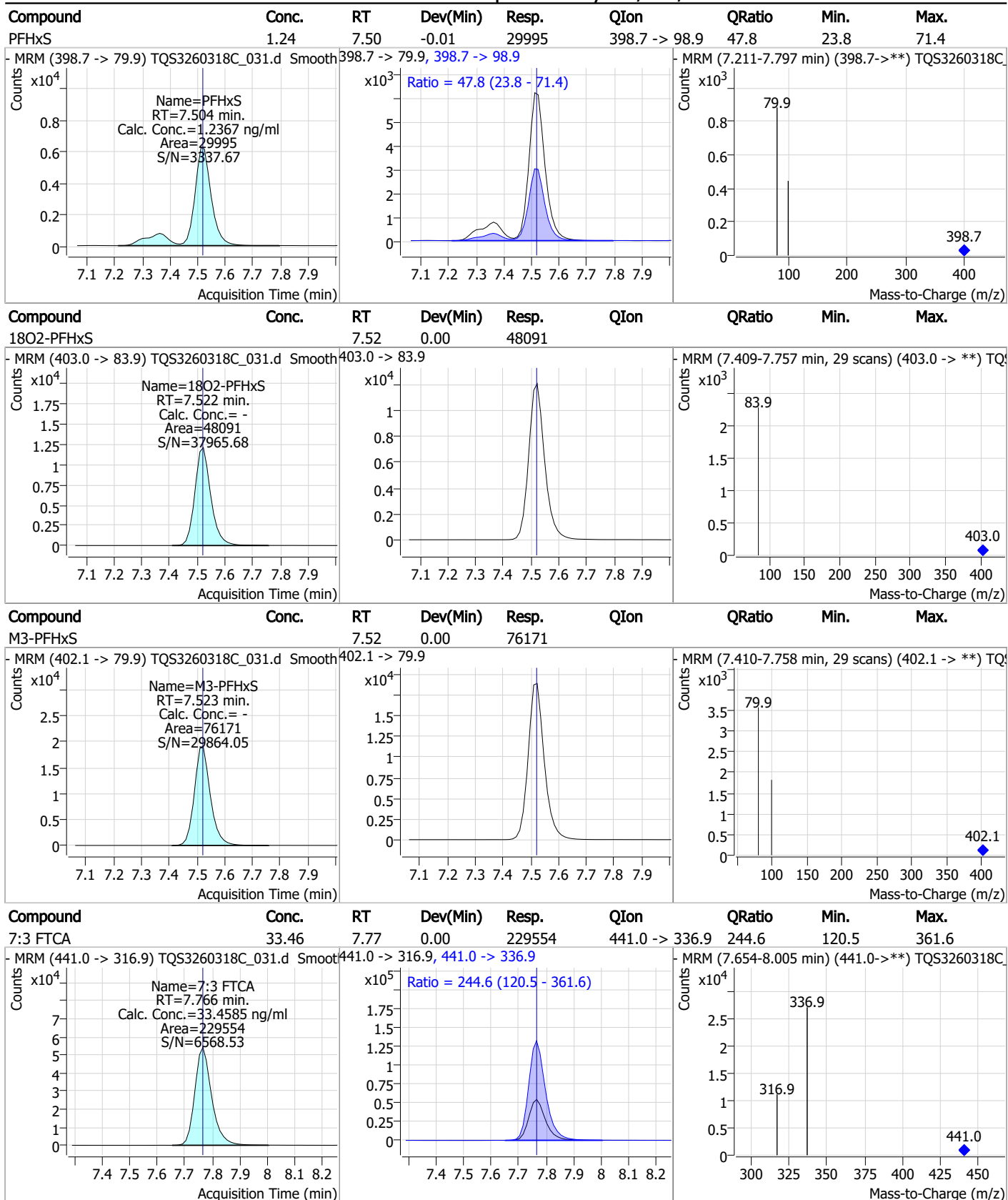
Perfluorinated Compounds by LC/MS/MS



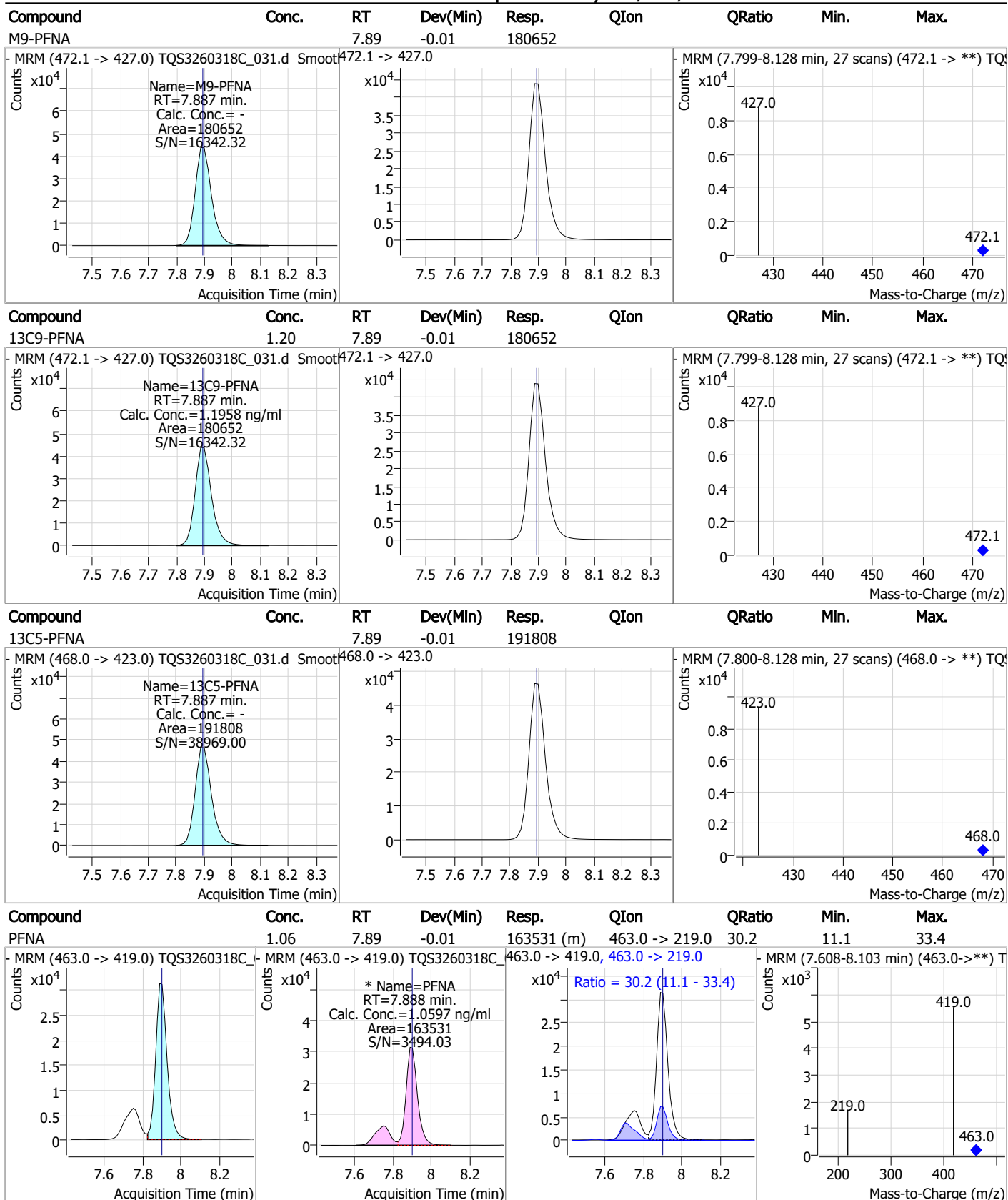
Perfluorinated Compounds by LC/MS/MS



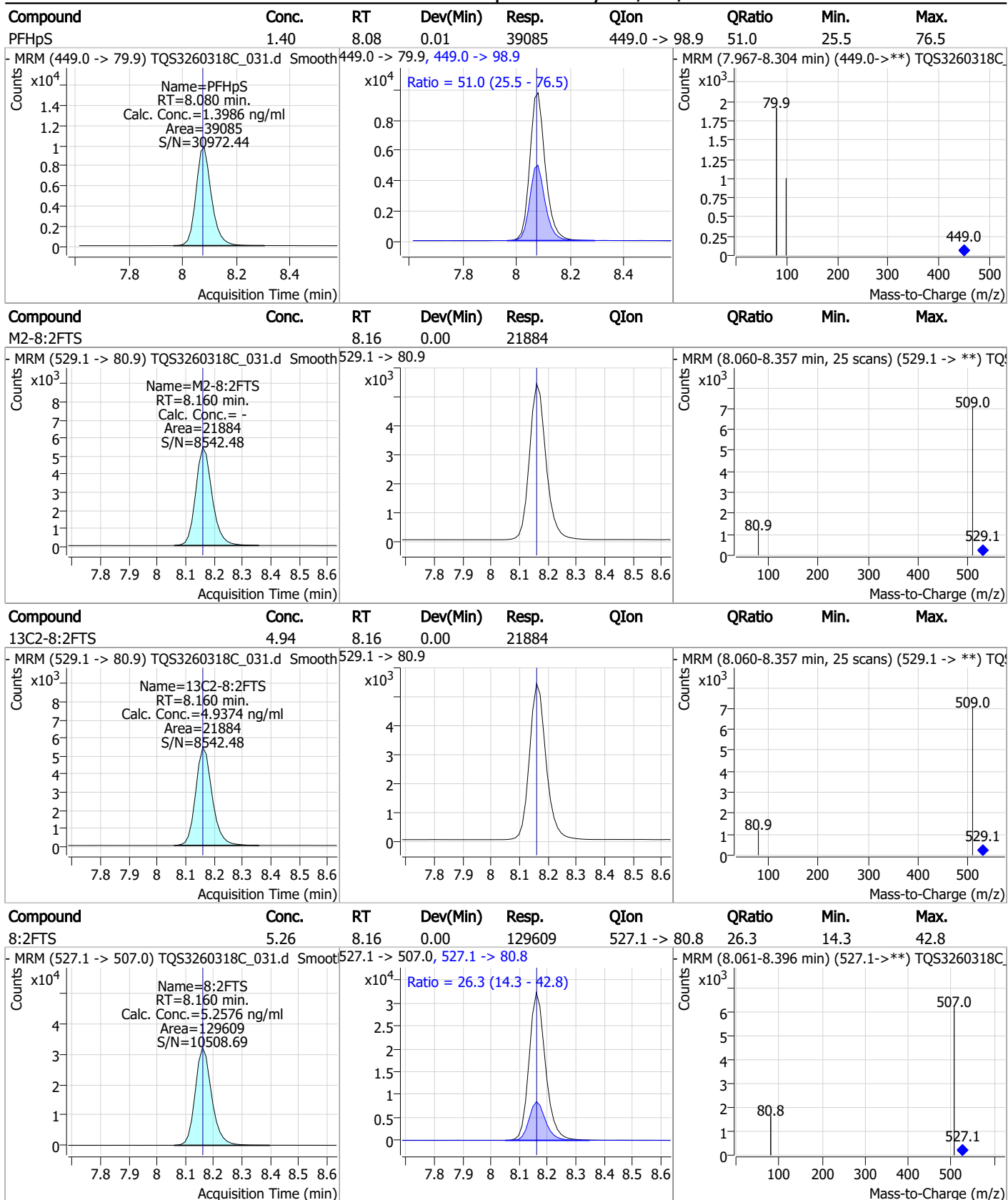
Perfluorinated Compounds by LC/MS/MS



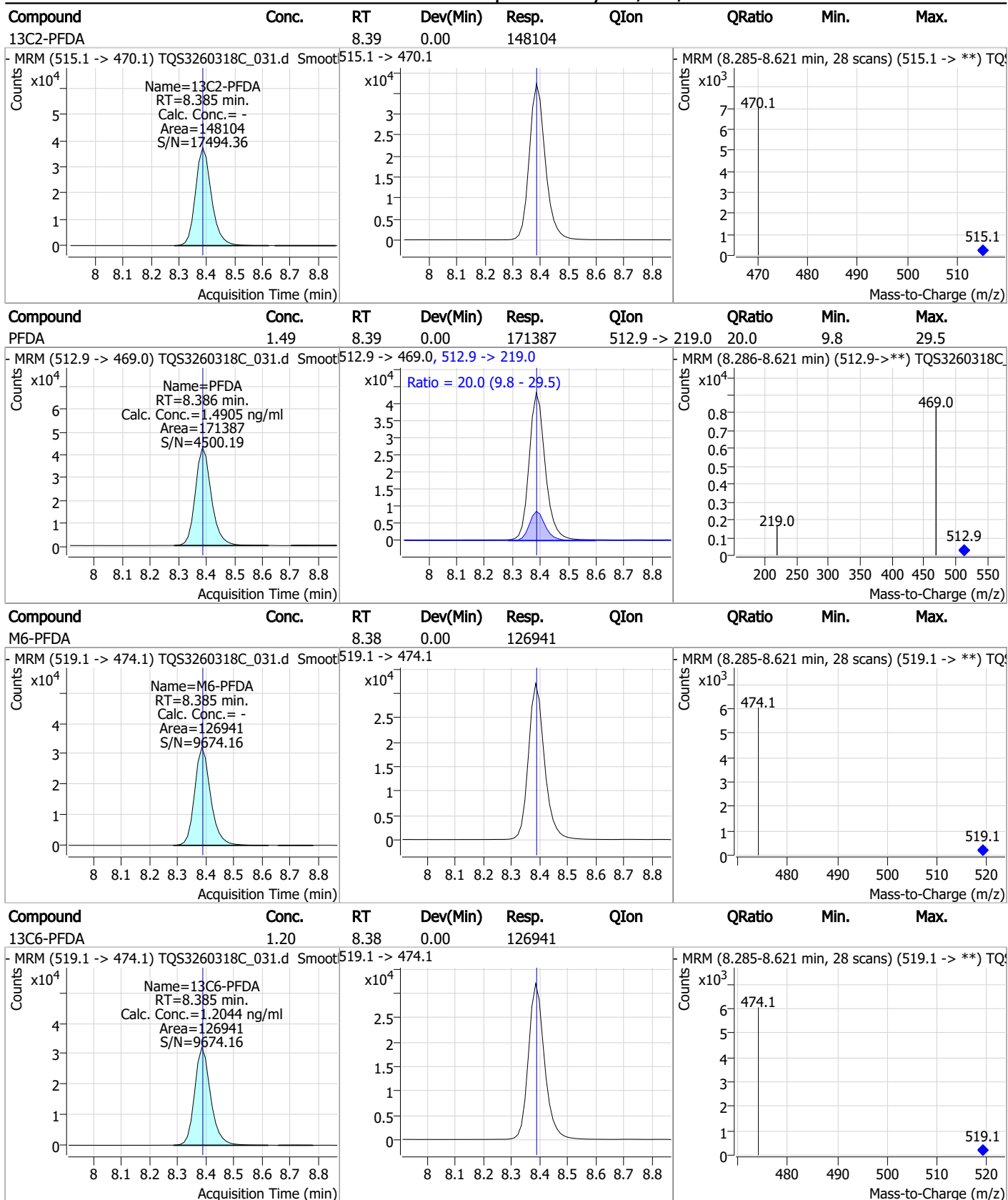
Perfluorinated Compounds by LC/MS/MS



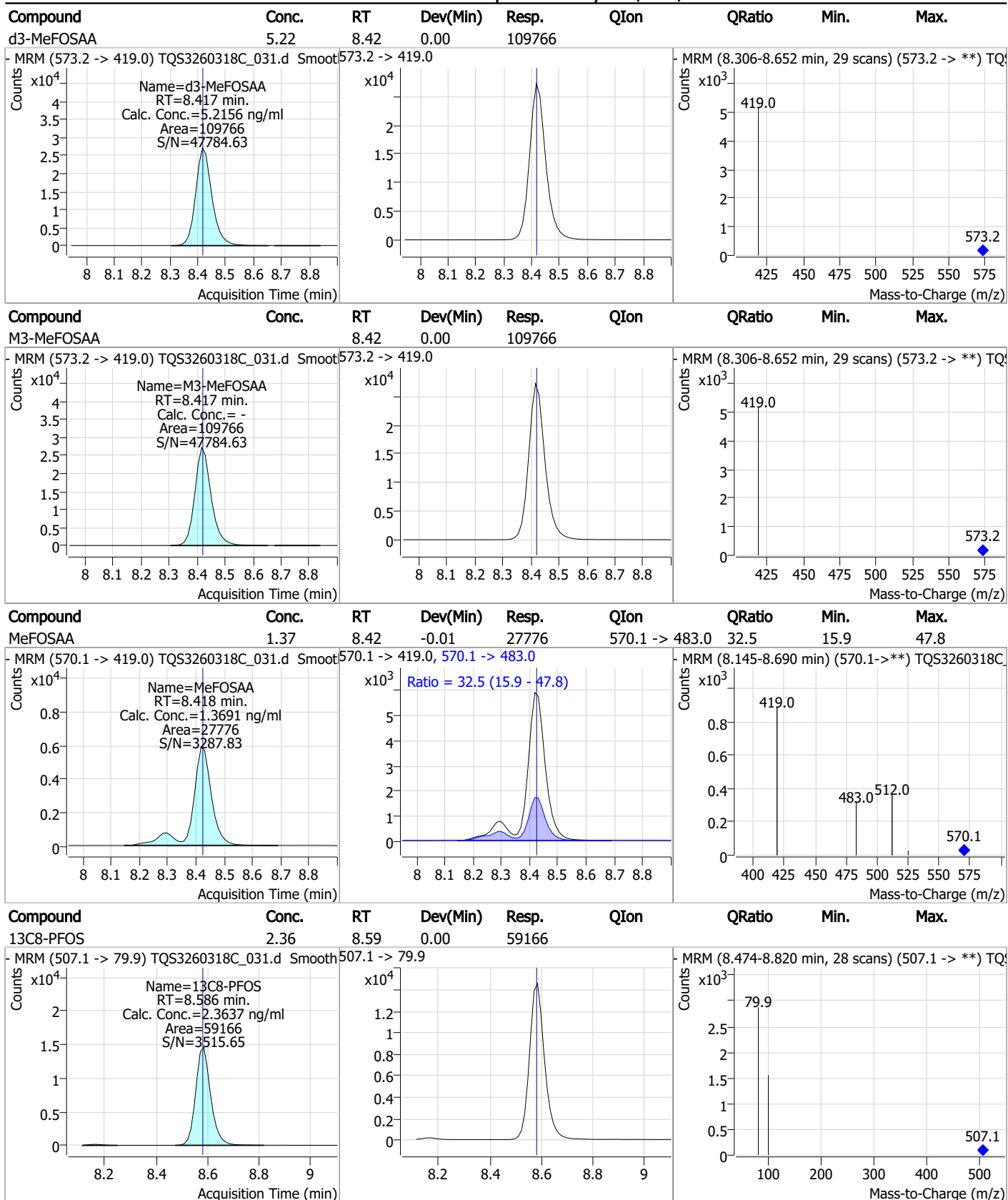
Perfluorinated Compounds by LC/MS/MS



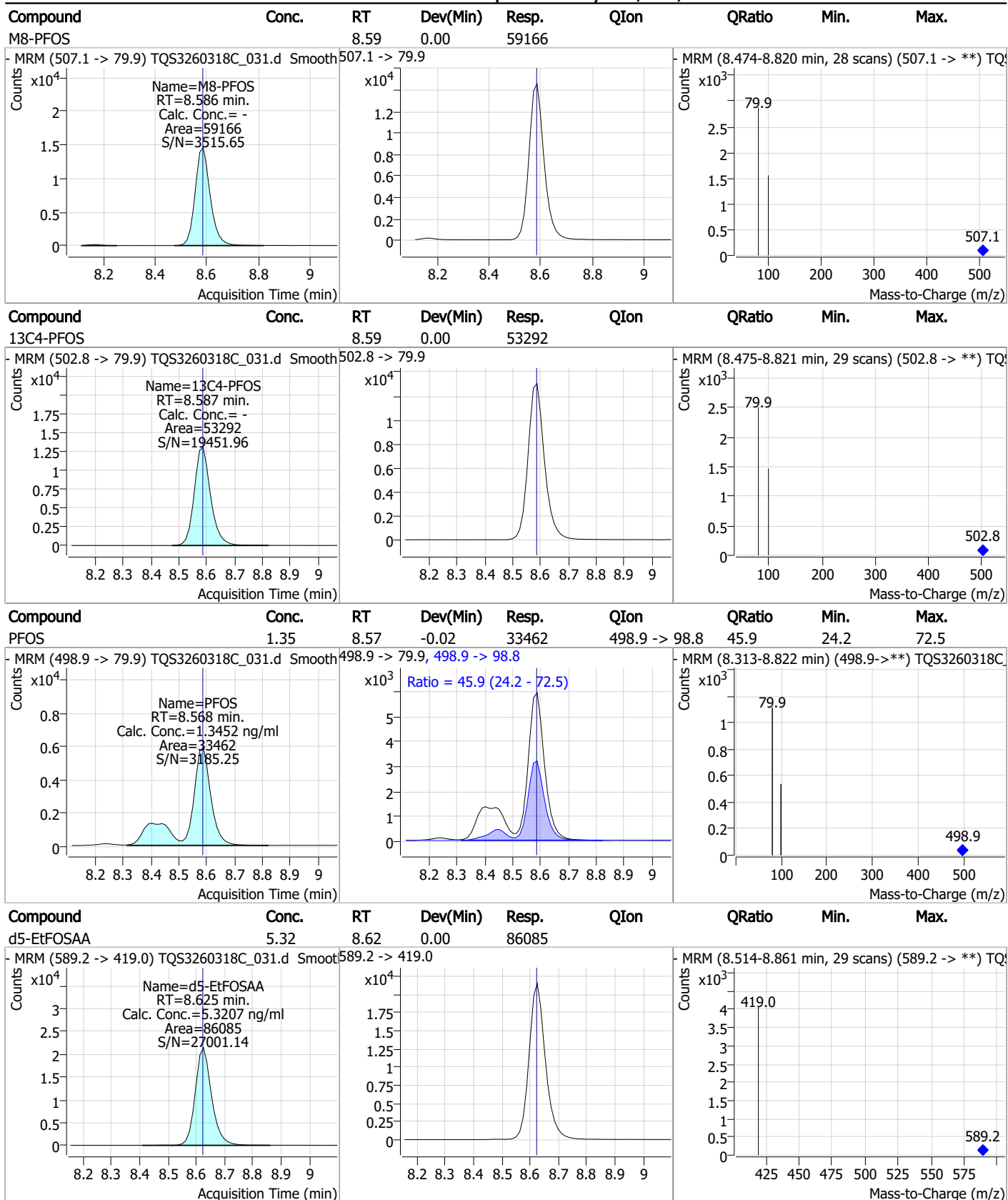
Perfluorinated Compounds by LC/MS/MS



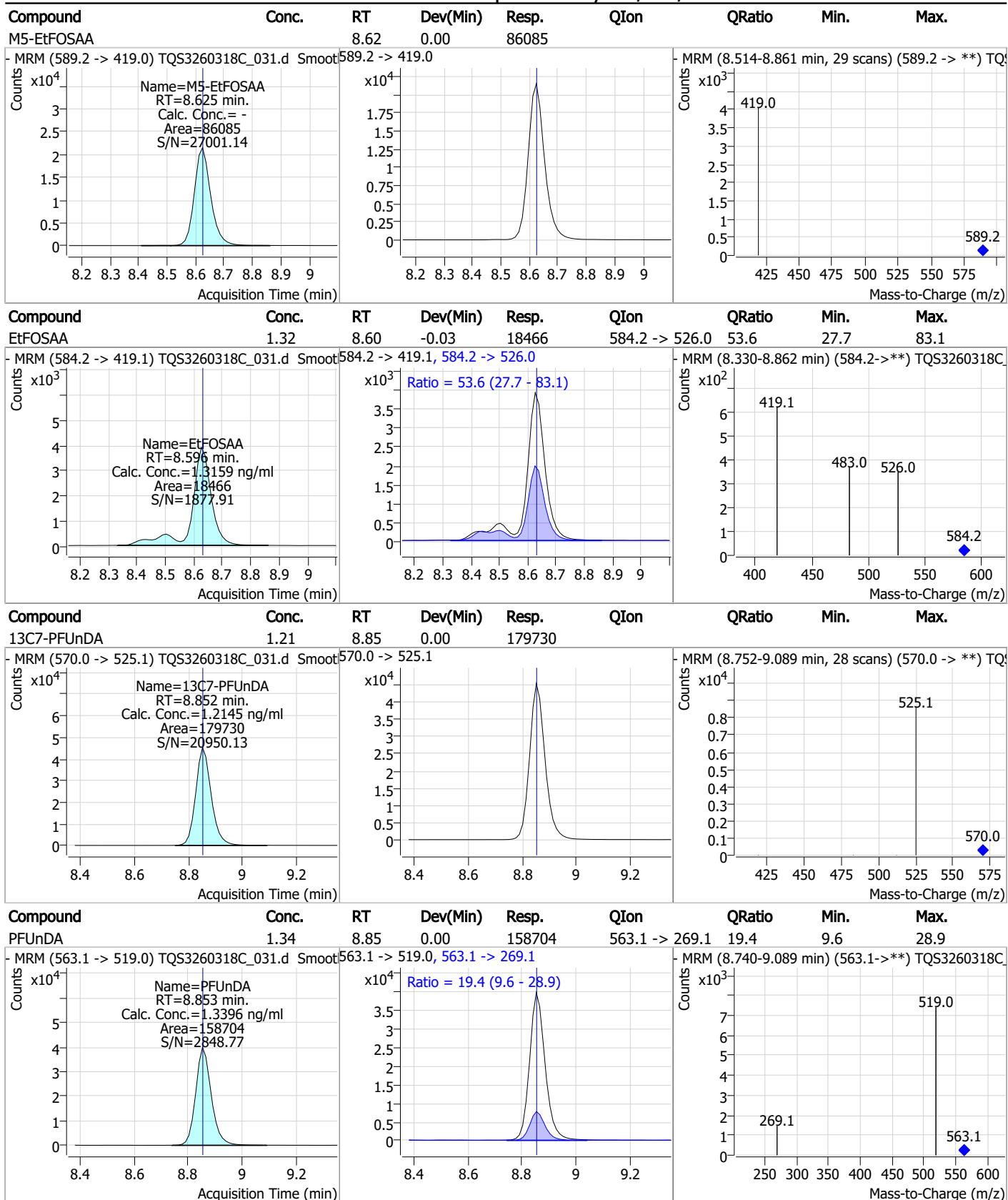
Perfluorinated Compounds by LC/MS/MS



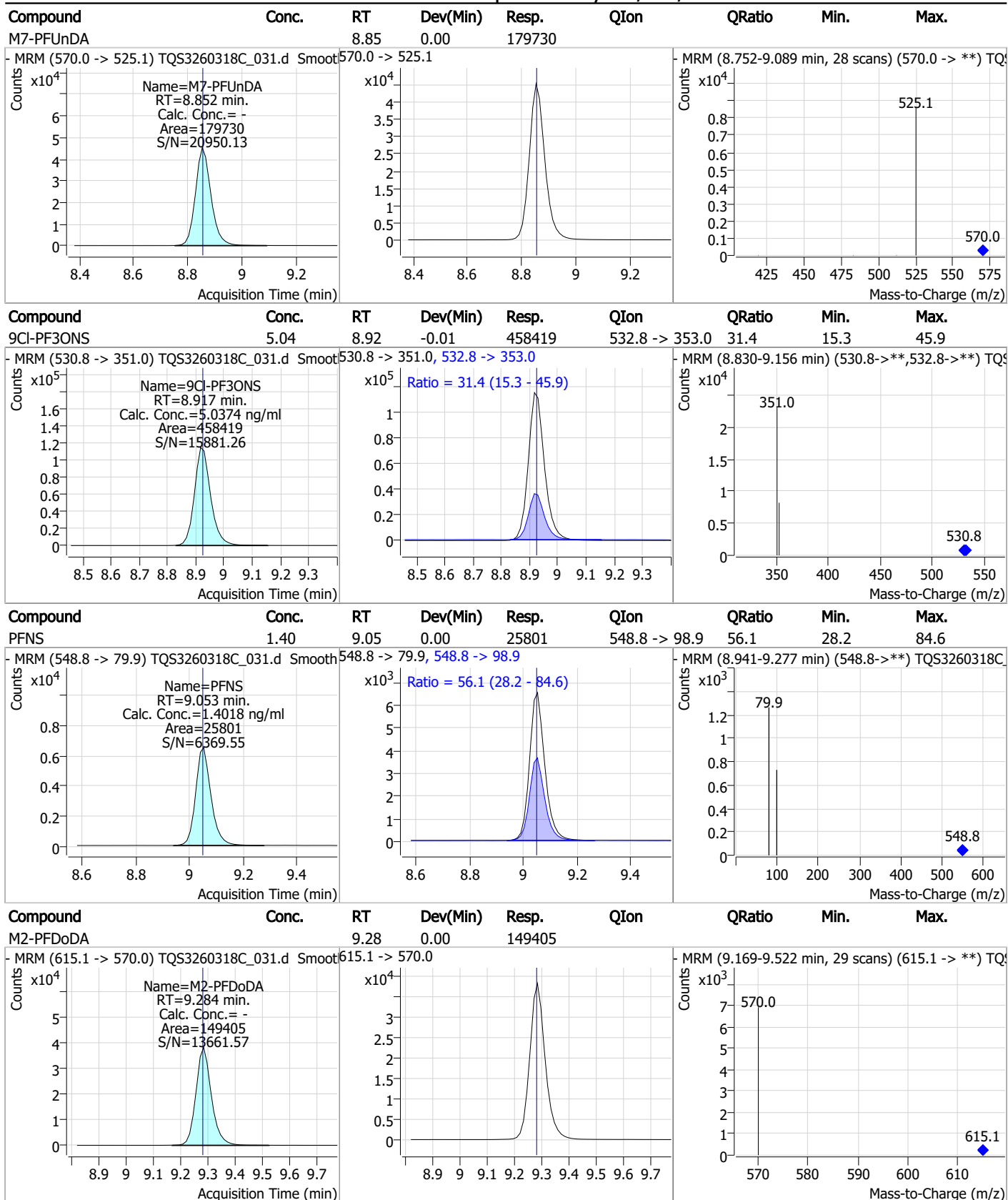
Perfluorinated Compounds by LC/MS/MS



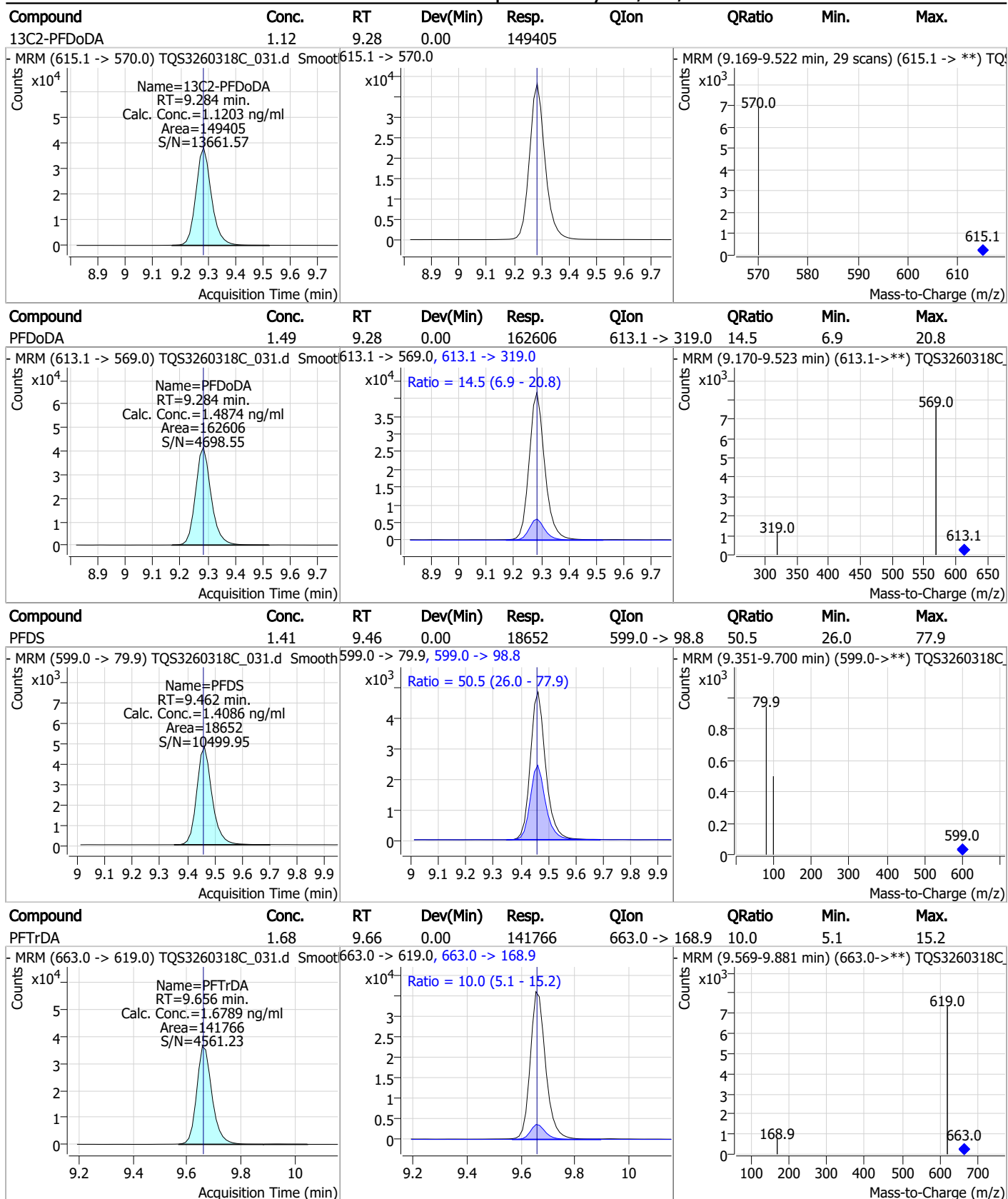
Perfluorinated Compounds by LC/MS/MS



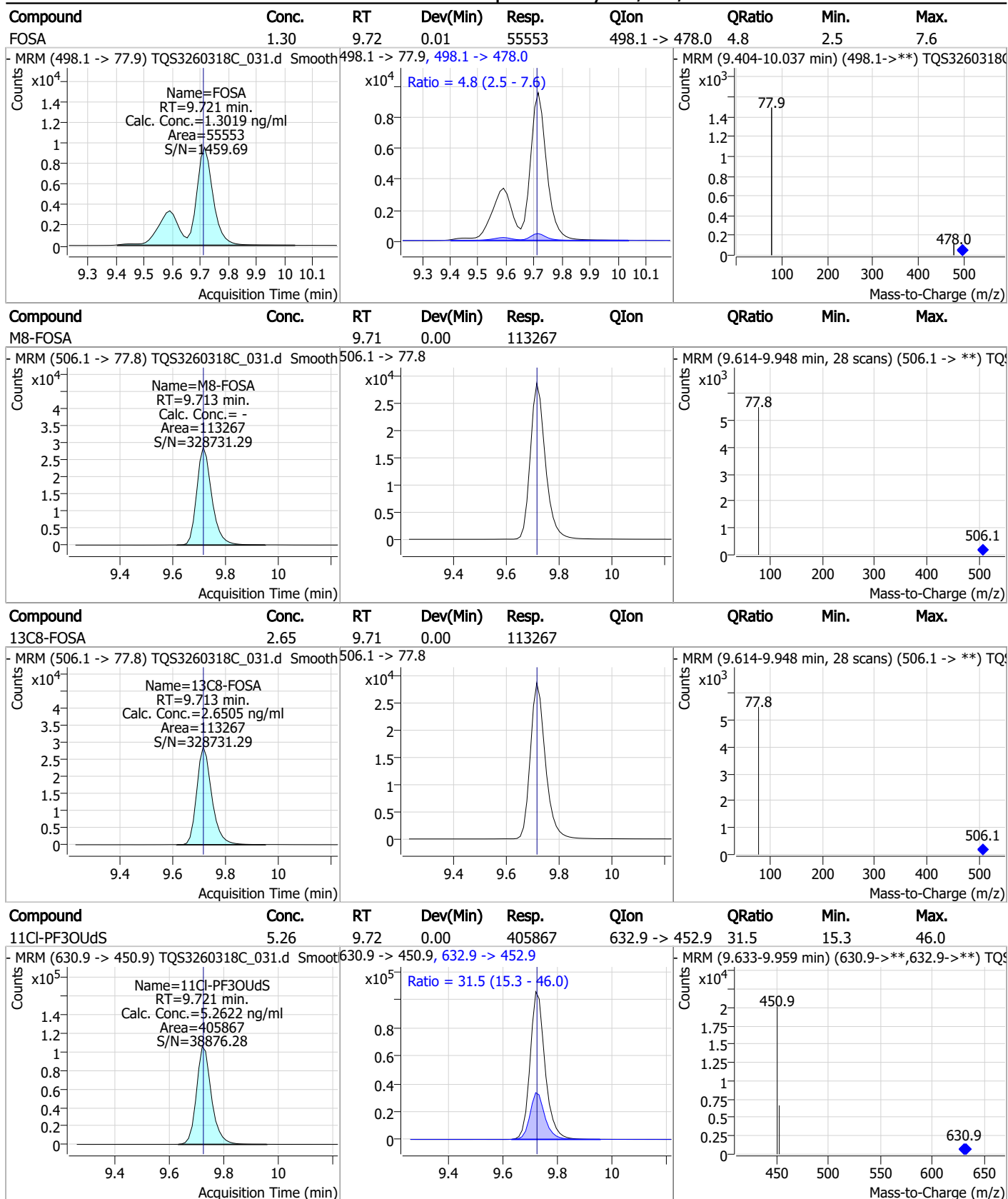
Perfluorinated Compounds by LC/MS/MS



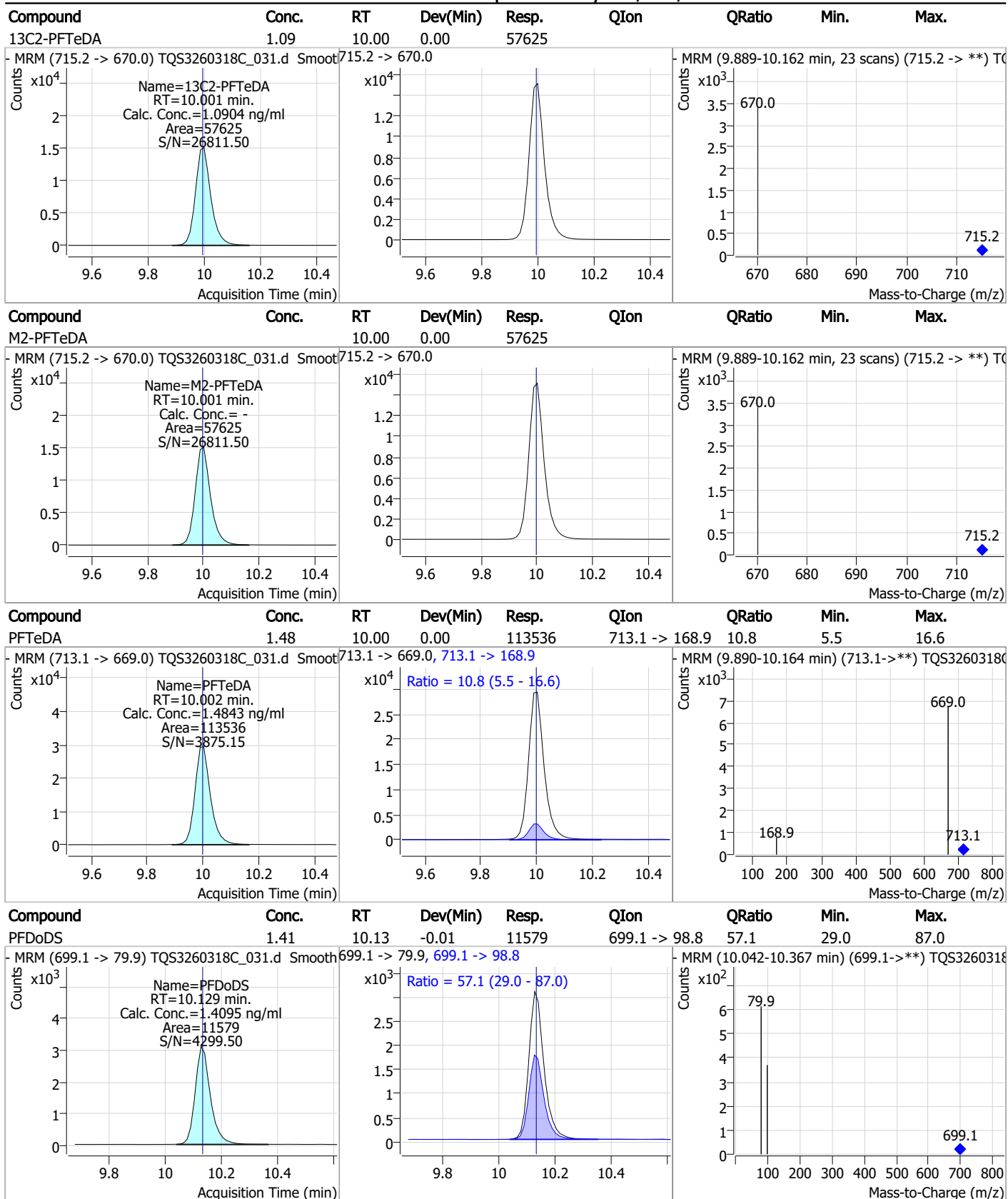
Perfluorinated Compounds by LC/MS/MS



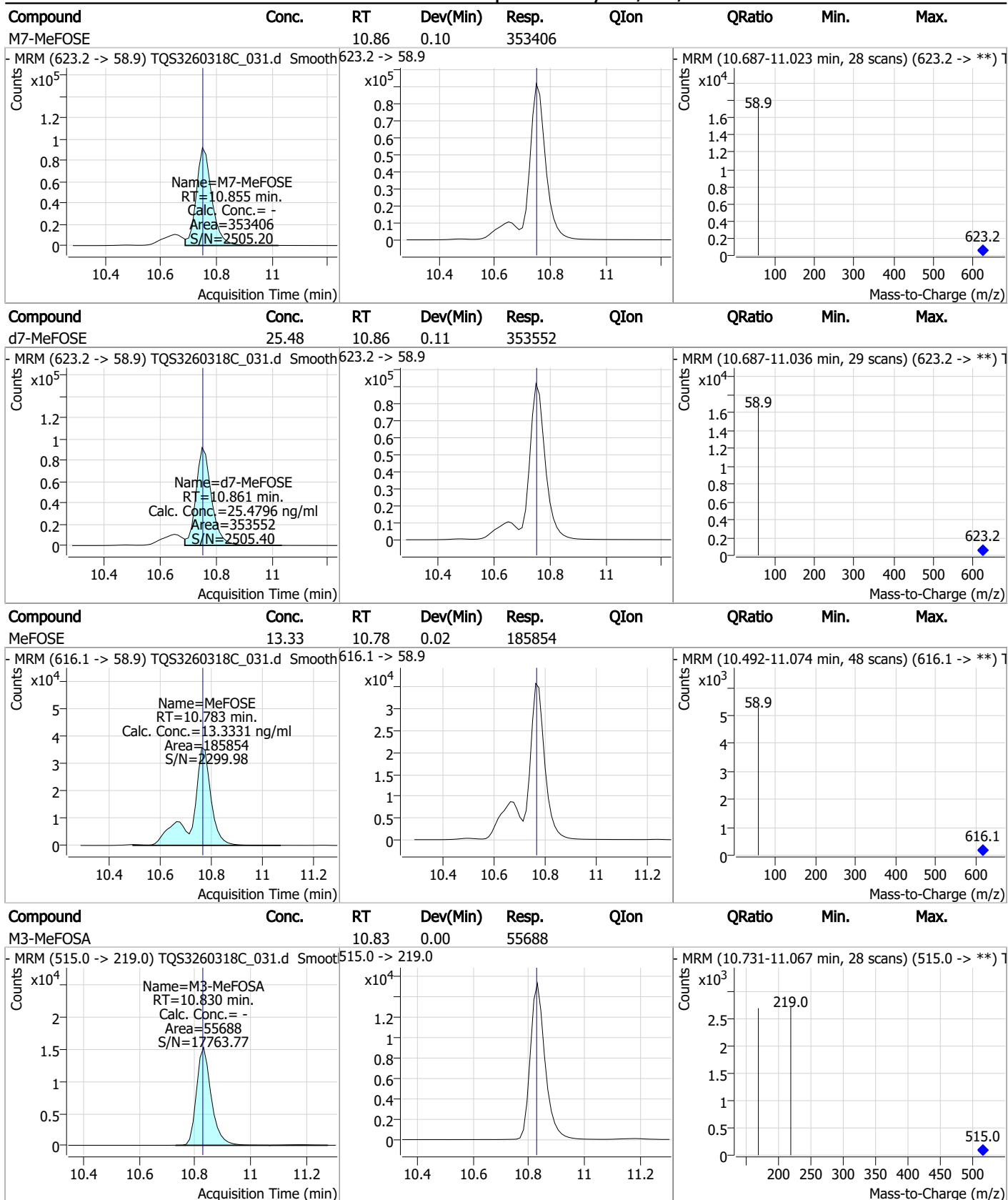
Perfluorinated Compounds by LC/MS/MS



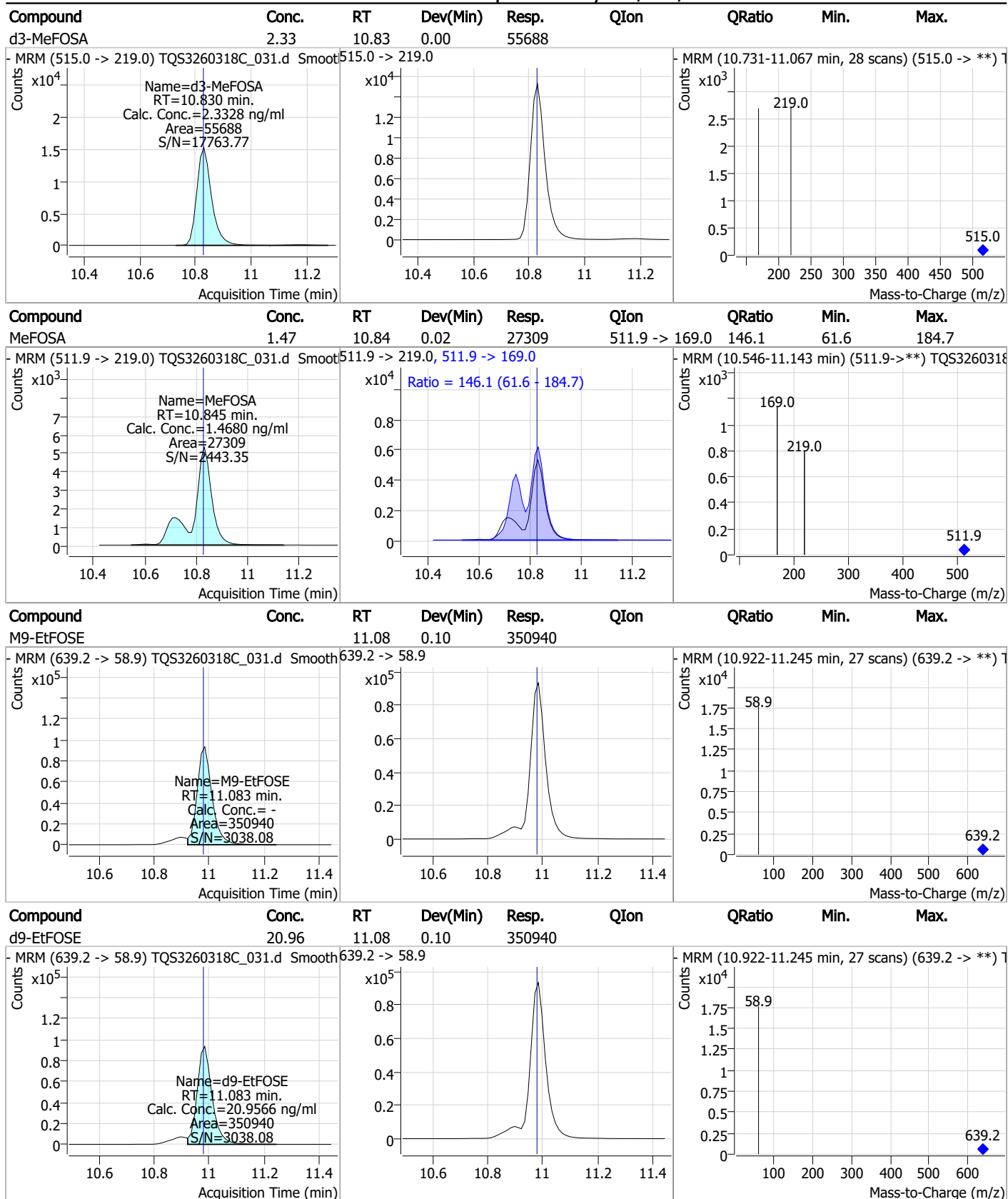
Perfluorinated Compounds by LC/MS/MS



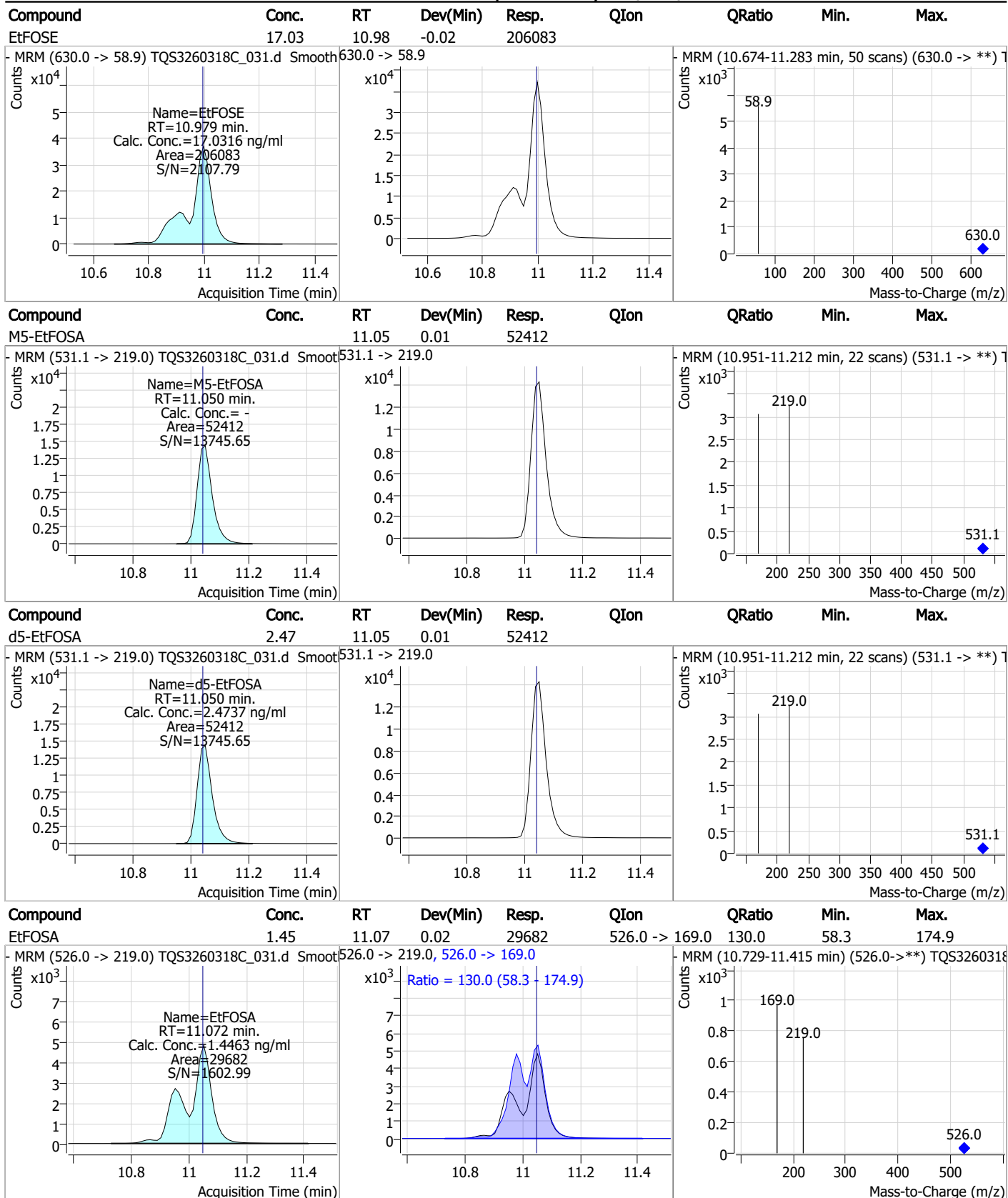
Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Data File : TQS3260318C_032.d
 Operator :
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 1:28:06 AM
 Sample Name : Bile Salt check
 Vial : P3-B5
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3913_ICAL_C_1633.batch.bin
 Sample Information :

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Internal Standards						
13C2-PFDA	-	515.1 -> 470.1	-	-	N.D.	
13C2-PFHxA	-	315.1 -> 270.0	-	-	N.D.	
13C3-PFBA	-	216.0 -> 172.0	-	-	N.D.	
13C4-PFOA	-	417.1 -> 372.0	-	-	N.D.	
13C4-PFOS	-	502.8 -> 79.9	-	-	N.D.	
13C5-PFNA	-	468.0 -> 423.0	-	-	N.D.	
18O2-PFHxS	-	403.0 -> 83.9	-	-	N.D.	
M2-4:2FTS	-	329.1 -> 80.9	-	-	N.D.	
M2-6:2FTS	-	429.1 -> 80.9	-	-	N.D.	
M2-8:2FTS	-	529.1 -> 80.9	-	-	N.D.	
M2-PFDoDA	-	615.1 -> 570.0	-	-	N.D.	
M2-PFTeDA	-	715.2 -> 670.0	-	-	N.D.	
M3-HFPO-DA	-	286.9 -> 168.9	-	-	N.D.	
M3-MeFOSA	11.154	515.0 -> 219.0	413		2.50 ng/ml	0.326
M3-MeFOSAA	-	573.2 -> 419.0	-	-	N.D.	
M3-PFBS	-	302.1 -> 79.9	-	-	N.D.	
M3-PFHxS	-	402.1 -> 79.9	-	-	N.D.	
M4-PFBA	-	216.8 -> 171.9	-	-	N.D.	
M4-PFHpA	-	367.1 -> 322.0	-	-	N.D.	
M5-EtFOSA	-	531.1 -> 219.0	-	-	N.D.	
M5-EtFOSAA	-	589.2 -> 419.0	-	-	N.D.	
M5-PFHxA	-	318.0 -> 273.0	-	-	N.D.	
M5-PFPeA	-	268.3 -> 223.0	-	-	N.D.	
M6-PFDA	8.260	519.1 -> 474.1	94		1.25 ng/ml	-0.128
M7-MeFOSE	10.855	623.2 -> 58.9	195		25.00 ng/ml	0.105
M7-PFUnDA	-	570.0 -> 525.1	-	-	N.D.	
M8-FOSA	-	506.1 -> 77.8	-	-	N.D.	
M8-PFOA	-	421.1 -> 376.0	-	-	N.D.	
M8-PFOS	-	507.1 -> 79.9	-	-	N.D.	
M9-EtFOSE	11.083	639.2 -> 58.9	356		25.00 ng/ml	0.105
M9-PFNA	8.351	472.1 -> 427.0	37		1.25 ng/ml	0.457

System Monitoring Compounds

13C2-4:2FTS	-	329.1 -> 80.9	-	-	N.D.	
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = NA%	
13C2-6:2FTS	-	429.1 -> 80.9	-	-	N.D.	
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = NA%	
13C2-8:2FTS	-	529.1 -> 80.9	-	-	N.D.	
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = NA%	
13C2-PFDoDA	-	615.1 -> 570.0	-	-	N.D.	
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = NA%	
13C2-PFTeDA	-	715.2 -> 670.0	-	-	N.D.	
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = NA%	
13C3-HFPO-DA	-	286.9 -> 168.9	-	-	N.D.	
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = NA%	
d3-MeFOSA	11.154	515.0 -> 219.0	413		ng/ml	0.325

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Perfluorinated Compounds by LC/MS/MS

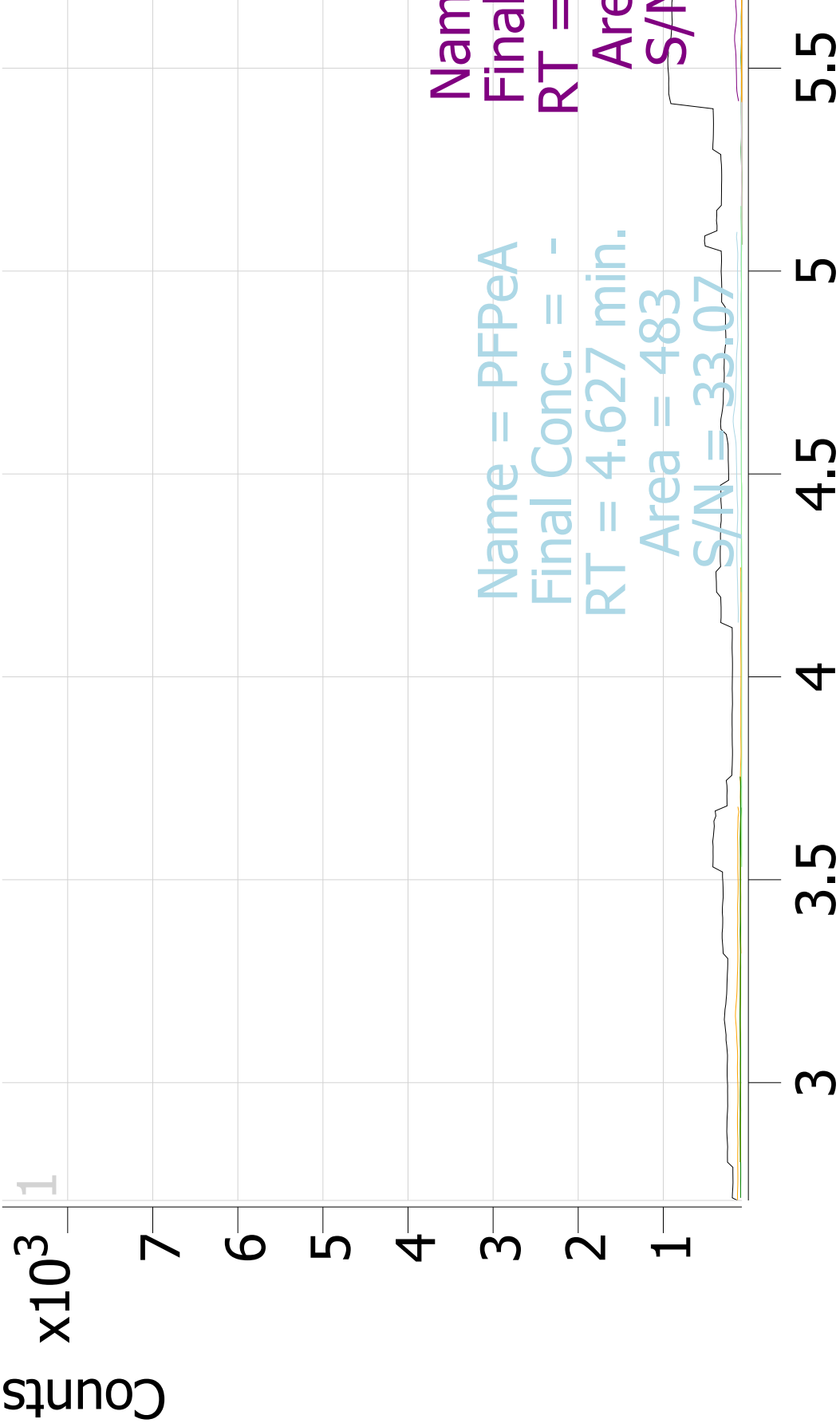
Compound	RT		QIon	Resp.	Symmetry	Conc. Units		Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%					Recovery = NA%		
d3-MeFOSAA	-	573.2 -> 419.0		-	-	N.D.		
Spiked Amount: 5.00	Range: 70.0 - 130.0%					Recovery = NA%		
13C3-PFBS	-	302.1 -> 79.9		-	-	N.D.		
Spiked Amount: 2.50	Range: 70.0 - 130.0%					Recovery = NA%		
13C3-PFHxS	-	402.1 -> 79.9		-	-	N.D.		
Spiked Amount: 2.50	Range: 70.0 - 130.0%					Recovery = NA%		
13C4-PFBA	-	216.8 -> 171.9		-	-	N.D.		
Spiked Amount: 10.00	Range: 70.0 - 130.0%					Recovery = NA%		
13C4-PFHpA	-	367.1 -> 322.0		-	-	N.D.		
Spiked Amount: 2.50	Range: 70.0 - 130.0%					Recovery = NA%		
d5-EtFOSA	-	531.1 -> 219.0		-	-	N.D.		
Spiked Amount: 2.50	Range: 70.0 - 130.0%					Recovery = NA%		
d5-EtFOSAA	-	589.2 -> 419.0		-	-	N.D.		
Spiked Amount: 5.00	Range: 70.0 - 130.0%					Recovery = NA%		
13C5-PFHxA	-	318.0 -> 273.0		-	-	N.D.		
Spiked Amount: 2.50	Range: 70.0 - 130.0%					Recovery = NA%		
13C5-PFPeA	-	268.3 -> 223.0		-	-	N.D.		
Spiked Amount: 5.00	Range: 70.0 - 130.0%					Recovery = NA%		
13C6-PFDA	8.260	519.1 -> 474.1		94		ng/ml		-0.128
Spiked Amount: 1.25	Range: 70.0 - 130.0%					Recovery = NA%		
d7-MeFOSE	10.861	623.2 -> 58.9		199		ng/ml		0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%					Recovery = NA%		
13C7-PFUnDA	-	570.0 -> 525.1		-	-	N.D.		
Spiked Amount: 1.25	Range: 70.0 - 130.0%					Recovery = NA%		
13C8-FOSA	-	506.1 -> 77.8		-	-	N.D.		
Spiked Amount: 2.50	Range: 70.0 - 130.0%					Recovery = NA%		
13C8-PFOA	-	421.1 -> 376.0		-	-	N.D.		
Spiked Amount: 2.50	Range: 70.0 - 130.0%					Recovery = NA%		
13C8-PFOS	-	507.1 -> 79.9		-	-	N.D.		
Spiked Amount: 2.50	Range: 70.0 - 130.0%					Recovery = NA%		
d9-EtFOSE	11.083	639.2 -> 58.9		356		ng/ml		0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%					Recovery = NA%		
13C9-PFNA	8.351	472.1 -> 427.0		37		ng/ml		0.457
Spiked Amount: 1.25	Range: 70.0 - 130.0%					Recovery = NA%		
Target Compounds								QValue
11Cl-PF3OUdS	9.721	630.9 -> 450.9		182		ng/ml	#	71
TDCA	7.018	498.9 -> 79.9		13258		ng/ml		100
3:3 FTCA	-	241.0 -> 177.0		-	-	N.D.		
4:2FTS	-	327.1 -> 307.0		-	-	N.D.		
5:3 FTCA	-	341.0 -> 237.1		-	-	N.D.		
6:2FTS	7.131	427.1 -> 407.0		137		ng/ml		39
7:3 FTCA	-	441.0 -> 316.9		-	-	N.D.		
8:2FTS	-	527.1 -> 507.0		-	-	N.D.		
9Cl-PF3ONS	8.930	530.8 -> 351.0		153		ng/ml		44
ADONA	6.987	376.9 -> 250.9		179		ng/ml		49
EtFOSA	11.072	526.0 -> 219.0		97		ng/ml		54
EtFOSAA	-	584.2 -> 419.1		-	-	N.D.		
EtFOSE	10.979	630.0 -> 58.9		464		37.85 ng/ml		100
FOSA	-	498.1 -> 77.9		-	-	N.D.		
HFPO-DA	-	284.9 -> 168.9		-	-	N.D.		
MeFOSA	-	511.9 -> 219.0		-	-	N.D.		
MeFOSAA	-	570.1 -> 419.0		-	-	N.D.		
MeFOSE	10.783	616.1 -> 58.9		295		38.42 ng/ml		100
NFDHA	-	295.0 -> 201.0		-	-	N.D.		
PFBA	3.172	212.8 -> 168.9		164		ng/ml		100

Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc.	Units	Dev(Min)
PFBS	-	298.7 -> 79.9	-	-	N.D.		
PFDA	8.398	512.9 -> 469.0	142		1.67	ng/ml	57
PFDoDA	9.272	613.1 -> 569.0	341			ng/ml	66
PFDoDS	-	699.1 -> 79.9	-	-	N.D.		
PFDS	-	599.0 -> 79.9	-	-	N.D.		
PFEESA	-	314.8 -> 134.9	-	-	N.D.		
PFHpA	6.739	363.1 -> 319.0	552			ng/ml	60
PFHpS	-	449.0 -> 79.9	-	-	N.D.		
PFHxA	5.859	313.0 -> 269.0	2582			ng/ml	91
PFHxS	-	398.7 -> 79.9	-	-	N.D.		
PFMBA	-	279.0 -> 85.1	-	-	N.D.		
PFMPA	-	229.0 -> 84.9	-	-	N.D.		
PFNA	7.888	463.0 -> 419.0	190		6.07	ng/ml	53
PFNS	-	548.8 -> 79.9	-	-	N.D.		
PFOA	7.320	413.0 -> 369.0	8044			ng/ml	56
PFOS	-	498.9 -> 79.9	-	-	N.D.		
PFPeA	4.627	263.0 -> 219.0	483			ng/ml	100
PFPeS	-	349.1 -> 79.9	-	-	N.D.		
PFTeDA	9.989	713.1 -> 669.0	226			ng/ml	71
PFTTrDA	9.405	663.0 -> 619.0	290			ng/ml	73
PFUnDA	8.840	563.1 -> 519.0	157			ng/ml	57

= Qualifier out of range, m = manually integrated, + = Area summed

- TIC MRM (** -> **) TQS3260318C_032.d (Bile Salt check)



Compound

Conc.

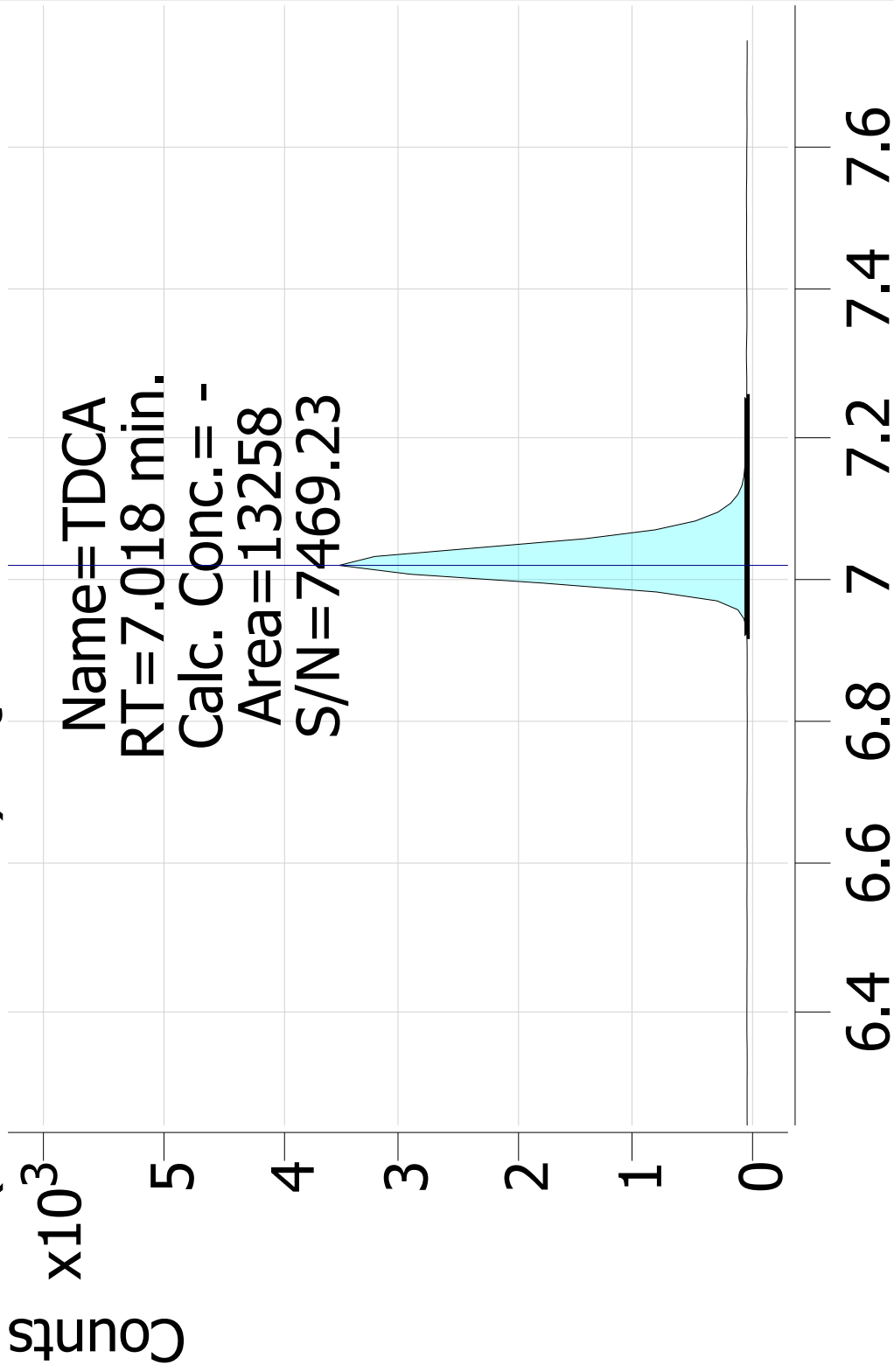
RT

TDCA

7.02

- MRM (498.9 -> 79.9) TQS3260318C_032.d Smooth

498.9 -> 79.9



EPA 1633A

Continuing Calibration Raw Data

Data File : TQS3260318C_037.d
 Operator
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 2:43:34 AM
 Sample Name : CCV1
 Vial : P3-A5
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3914_1633.batch.bin
 Sample Information : AXYS C 0.2ng/mL (1633 LOQ)

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Internal Standards						
13C2-PFDA	8.385	515.1 -> 470.1	134625		1.25 ng/ml	0.000
13C2-PFHxA	5.857	315.1 -> 270.0	278232		2.50 ng/ml	-0.004
13C3-PFBA	3.177	216.0 -> 172.0	430229		5.00 ng/ml	0.004
13C4-PFOA	7.369	417.1 -> 372.0	457011		2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	53468		2.50 ng/ml	0.002
13C5-PFNA	7.900	468.0 -> 423.0	183604		1.25 ng/ml	0.005
18O2-PFHxS	7.522	403.0 -> 83.9	45014		2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	12954		5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	20248		5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	22345		5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	153338		1.25 ng/ml	0.003
M2-PFTeDA	9.988	715.2 -> 670.0	62278		1.25 ng/ml	-0.009
M3-HFPO-DA	6.223	286.9 -> 168.9	331033		10.00 ng/ml	-0.012
M3-MeFOSA	10.830	515.0 -> 219.0	56247		2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	106787		5.00 ng/ml	-0.004
M3-PFBS	5.848	302.1 -> 79.9	96075		2.50 ng/ml	-0.002
M3-PFHxS	7.523	402.1 -> 79.9	76075		2.50 ng/ml	0.002
M4-PFBA	3.173	216.8 -> 171.9	1010087		10.00 ng/ml	0.000
M4-PFHpA	6.738	367.1 -> 322.0	275378		2.50 ng/ml	-0.011
M5-EtFOSA	11.050	531.1 -> 219.0	50672		2.50 ng/ml	0.009
M5-EtFOSAA	8.625	589.2 -> 419.0	82291		5.00 ng/ml	-0.001
M5-PFHxA	5.856	318.0 -> 273.0	317040		2.50 ng/ml	-0.006
M5-PFPeA	4.637	268.3 -> 223.0	453024		5.00 ng/ml	-0.005
M6-PFDA	8.385	519.1 -> 474.1	123418		1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	340382		25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	177458		1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	111229		2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	424249		2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	63751		2.50 ng/ml	0.001
M9-EtFOSE	11.083	639.2 -> 58.9	444457		25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	178448		1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	12954		5.31 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 106.1%	
13C2-6:2FTS	7.130	429.1 -> 80.9	20248		5.31 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 106.2%	
13C2-8:2FTS	8.160	529.1 -> 80.9	22345		5.39 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 107.7%	
13C2-PFDoDA	9.284	615.1 -> 570.0	153338		1.26 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 101.2%	
13C2-PFTeDA	9.988	715.2 -> 670.0	62278		1.30 ng/ml	-0.008
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 103.7%	
13C3-HFPO-DA	6.223	286.9 -> 168.9	331033		9.56 ng/ml	-0.012
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 95.6%	
d3-MeFOSA	10.830	515.0 -> 219.0	56247		2.35 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 93.9%	
d3-MeFOSAA	8.417	573.2 -> 419.0	106787		5.06 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 101.1%	
13C3-PFBS	5.848	302.1 -> 79.9	96075		2.42 ng/ml	-0.002
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 96.7%	
13C3-PFHxS	7.523	402.1 -> 79.9	76075		2.55 ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 101.9%	
13C4-PFBA	3.171	216.8 -> 171.9	1018984		10.03 ng/ml	-0.001
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 100.3%	
13C4-PFHpA	6.738	367.1 -> 322.0	275378		2.47 ng/ml	-0.011
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 98.7%	
d5-EtFOSA	11.050	531.1 -> 219.0	50672		2.38 ng/ml	0.009
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 95.3%	
d5-EtFOSAA	8.625	589.2 -> 419.0	82291		5.07 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 101.4%	
13C5-PFHxA	5.856	318.0 -> 273.0	317040		2.52 ng/ml	-0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.6%	
13C5-PFPeA	4.637	268.3 -> 223.0	453024		5.00 ng/ml	-0.003
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 100.1%	
13C6-PFDA	8.385	519.1 -> 474.1	123418		1.29 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 103.1%	
d7-MeFOSE	10.861	623.2 -> 58.9	340745		24.48 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 97.9%	
13C7-PFUnDA	8.852	570.0 -> 525.1	177458		1.32 ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 105.5%	
13C8-FOSA	9.713	506.1 -> 77.8	111229		2.59 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 103.8%	
13C8-PFOA	7.369	421.1 -> 376.0	424249		2.51 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.3%	
13C8-PFOS	8.586	507.1 -> 79.9	63751		2.54 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 101.5%	
d9-EtFOSE	11.083	639.2 -> 58.9	444457		26.45 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 105.8%	
13C9-PFNA	7.899	472.1 -> 427.0	178448		1.23 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 98.7%	

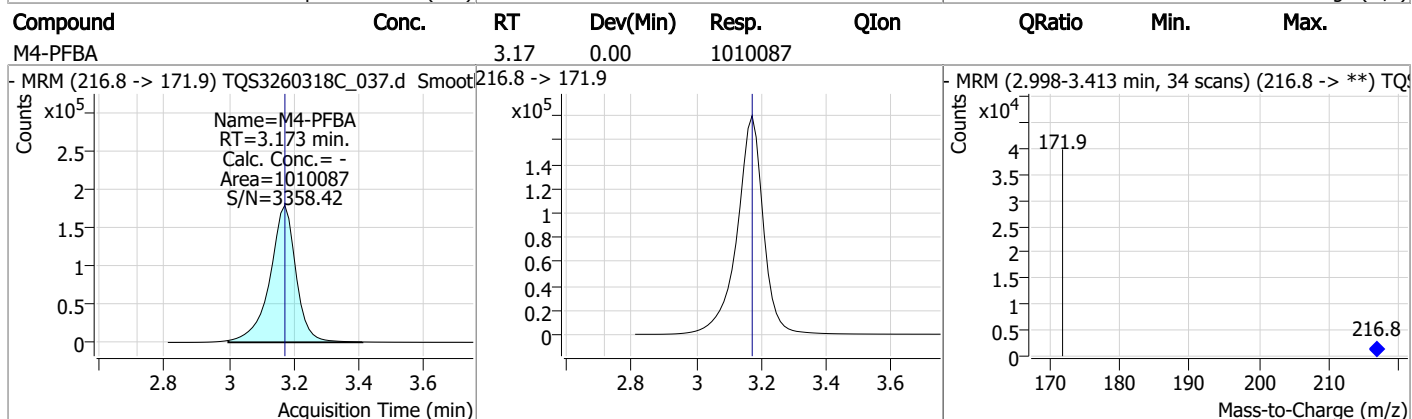
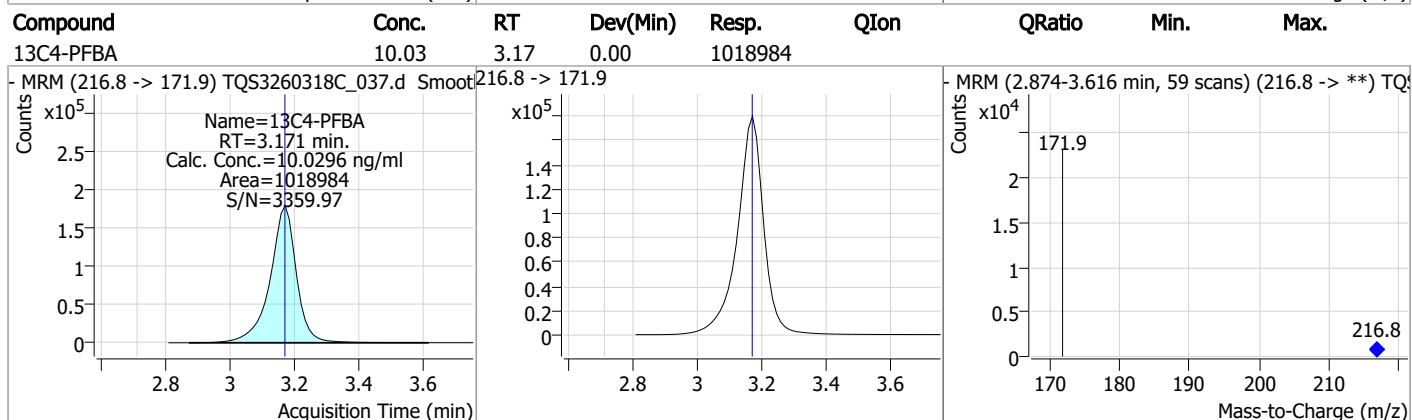
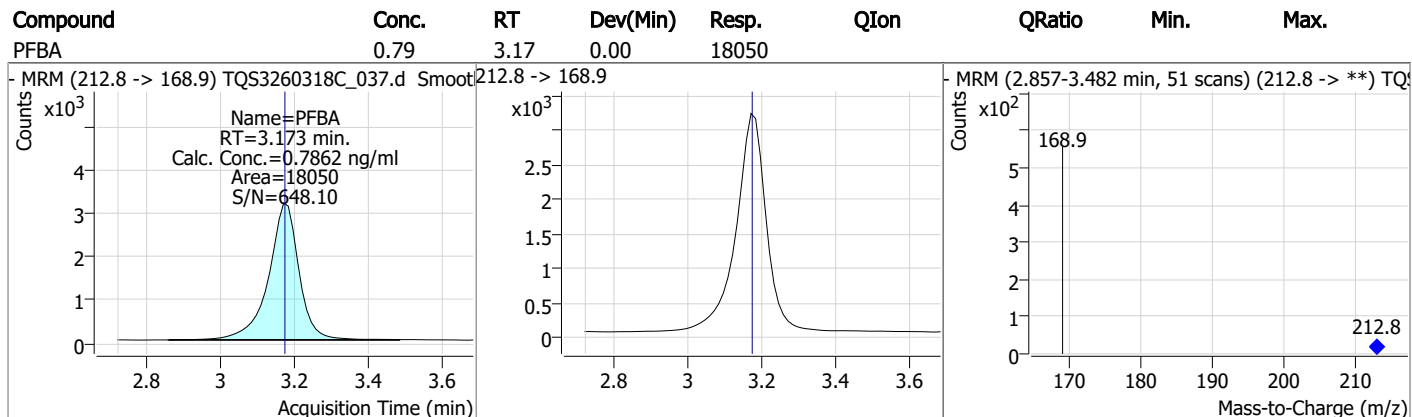
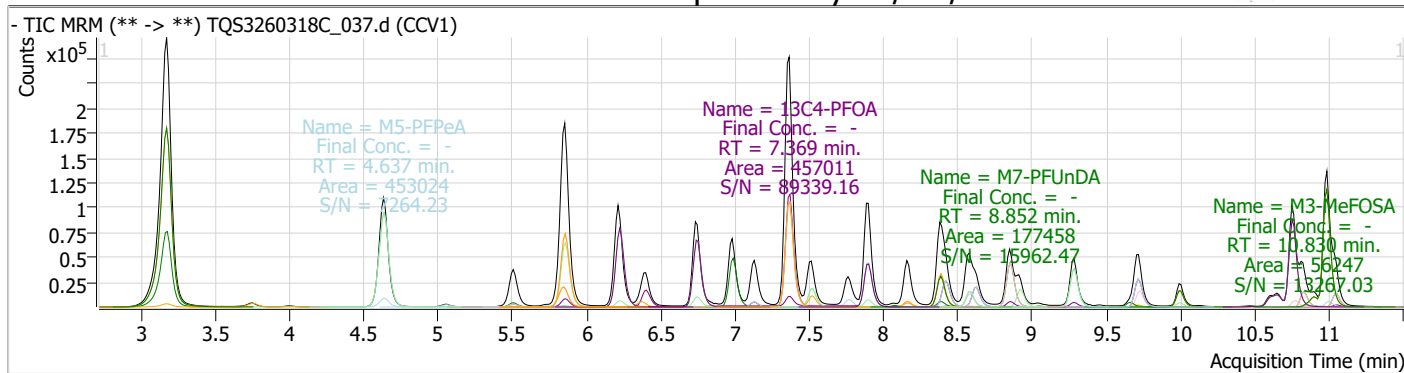
Target Compounds

						QValue
11CI-PF3OUdS	9.721	630.9 -> 450.9	60713		0.85 ng/ml	100
TDCA	-	498.9 -> 79.9	-	-	N.D.	
3:3 FTCA	3.997	241.0 -> 177.0	3202		0.73 ng/ml	98
4:2FTS	5.508	327.1 -> 307.0	18398		0.80 ng/ml	98
5:3 FTCA	6.402	341.0 -> 237.1	72690		4.68 ng/ml	98
6:2FTS	7.131	427.1 -> 407.0	17884		0.72 ng/ml	100
7:3 FTCA	7.766	441.0 -> 316.9	32307		4.73 ng/ml	94
8:2FTS	8.160	527.1 -> 507.0	16499		0.66 ng/ml	98
9CI-PF3ONS	8.917	530.8 -> 351.0	68414		0.81 ng/ml	98
ADONA	6.987	376.9 -> 250.9	194437		0.82 ng/ml	100
EtFOSA	11.072	526.0 -> 219.0	10480		0.53 ng/ml	99
EtFOSAA	8.596	584.2 -> 419.1	2749		0.20 ng/ml	99
EtFOSE	10.979	630.0 -> 58.9	29484		1.92 ng/ml	100
FOSA	9.721	498.1 -> 77.9	8126		0.19 ng/ml	99
HFPO-DA	6.224	284.9 -> 168.9	26266		0.87 ng/ml	99
MeFOSA	10.845	511.9 -> 219.0	3587		0.19 ng/ml	98
MeFOSAA	8.418	570.1 -> 419.0	3866		0.20 ng/ml	98
MeFOSE	10.783	616.1 -> 58.9	27423		2.04 ng/ml	100
NFDHA	5.740	295.0 -> 201.0	4836		0.40 ng/ml	100
PFBA	3.173	212.8 -> 168.9	18050		0.79 ng/ml	100

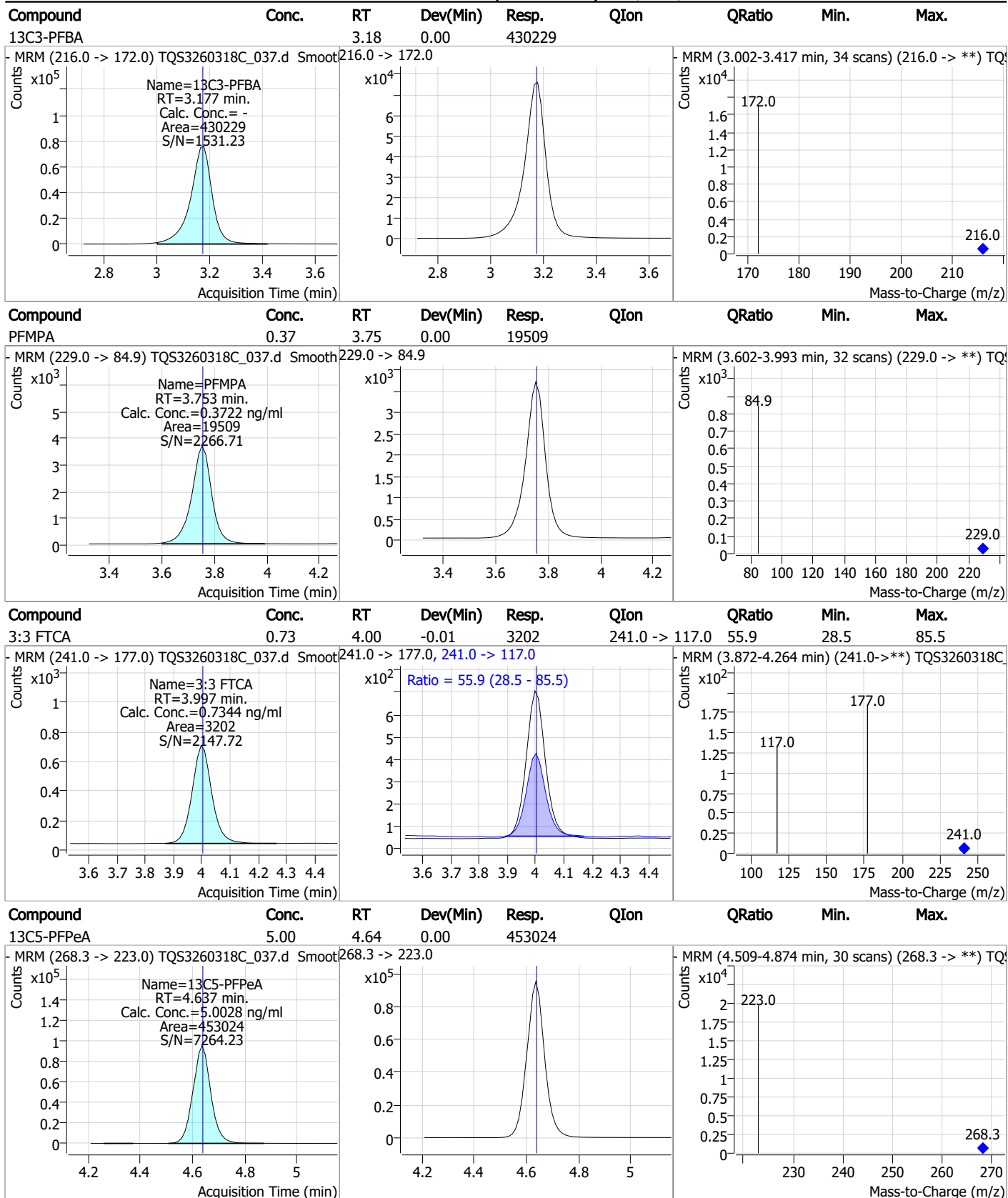
Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.849	298.7 -> 79.9	6755	0.19 ng/ml	97
PFDA	8.386	512.9 -> 469.0	20803	0.19 ng/ml	94
PFDoDA	9.284	613.1 -> 569.0	17652	0.16 ng/ml	99
PFDoDS	10.129	699.1 -> 79.9	1546	0.17 ng/ml	93
PFDS	9.462	599.0 -> 79.9	2578	0.18 ng/ml	97
PFEESA	6.368	314.8 -> 134.9	23143	0.19 ng/ml	100
PFHpA	6.739	363.1 -> 319.0	40800	0.19 ng/ml	99
PFHpS	8.080	449.0 -> 79.9	5853	0.19 ng/ml	98
PFHxA	5.859	313.0 -> 269.0	35163	0.20 ng/ml	100
PFHxS	7.504	398.7 -> 79.9	5334	0.22 ng/ml	98
PFMBA	5.048	279.0 -> 85.1	10601	0.18 ng/ml	100
PFMPA	3.753	229.0 -> 84.9	19509	0.37 ng/ml	100
PFNA	7.900	463.0 -> 419.0	28690	0.19 ng/ml	98
PFNS	9.053	548.8 -> 79.9	3649	0.18 ng/ml	96
PFOA	7.371	413.0 -> 369.0	39345	0.20 ng/ml	99
PFOS	8.568	498.9 -> 79.9	5161	0.19 ng/ml	98
PFPeA	4.640	263.0 -> 219.0	41768	0.38 ng/ml	100
PFPeS	6.840	349.1 -> 79.9	6025	0.18 ng/ml	89
PFTeDA	9.989	713.1 -> 669.0	15606	0.19 ng/ml	97
PFTrDA	9.656	663.0 -> 619.0	18108	0.21 ng/ml	96
PFUnDA	8.853	563.1 -> 519.0	21387	0.18 ng/ml	98

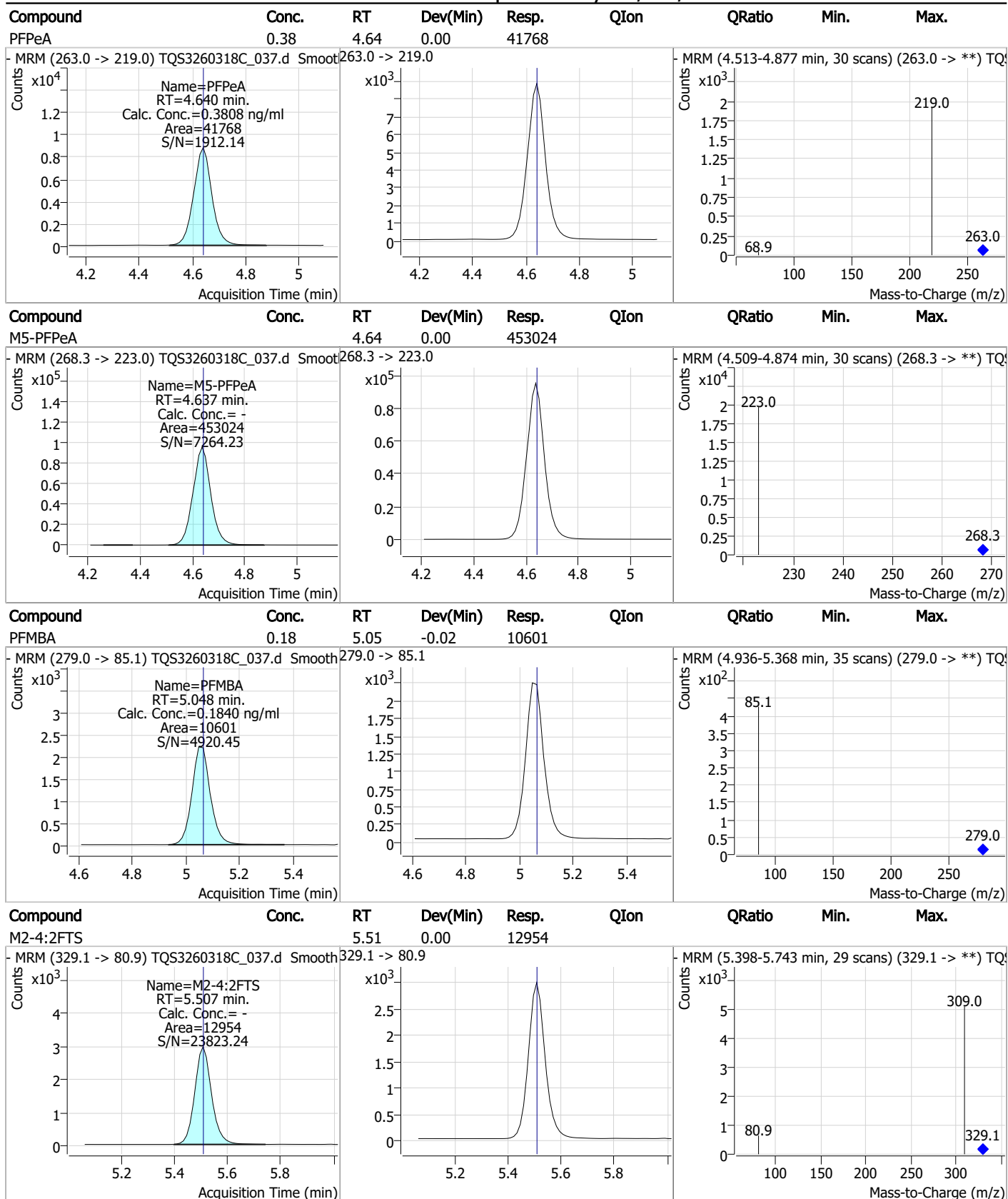
= Qualifier out of range, m = manually integrated, + = Area summed



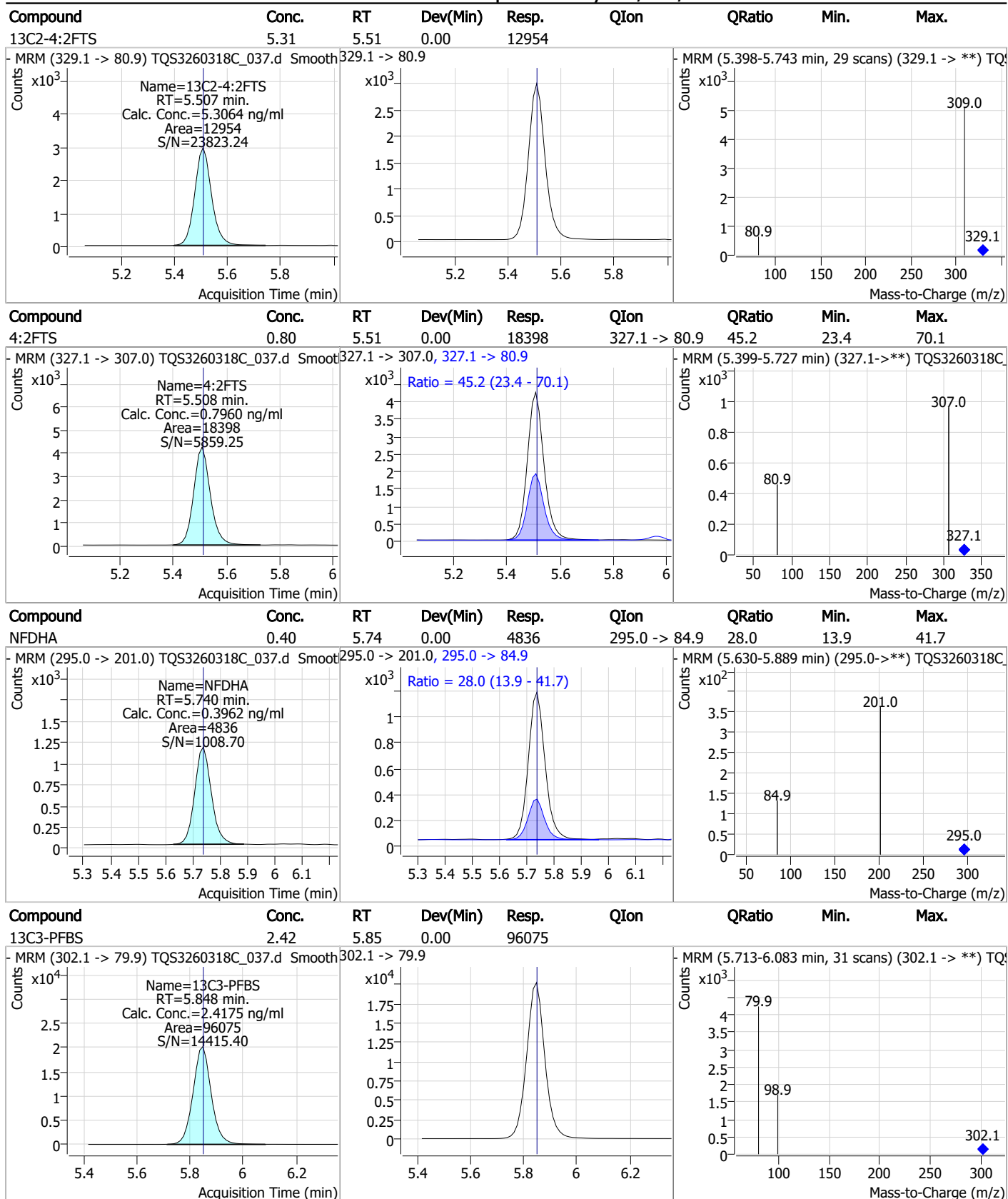
Perfluorinated Compounds by LC/MS/MS



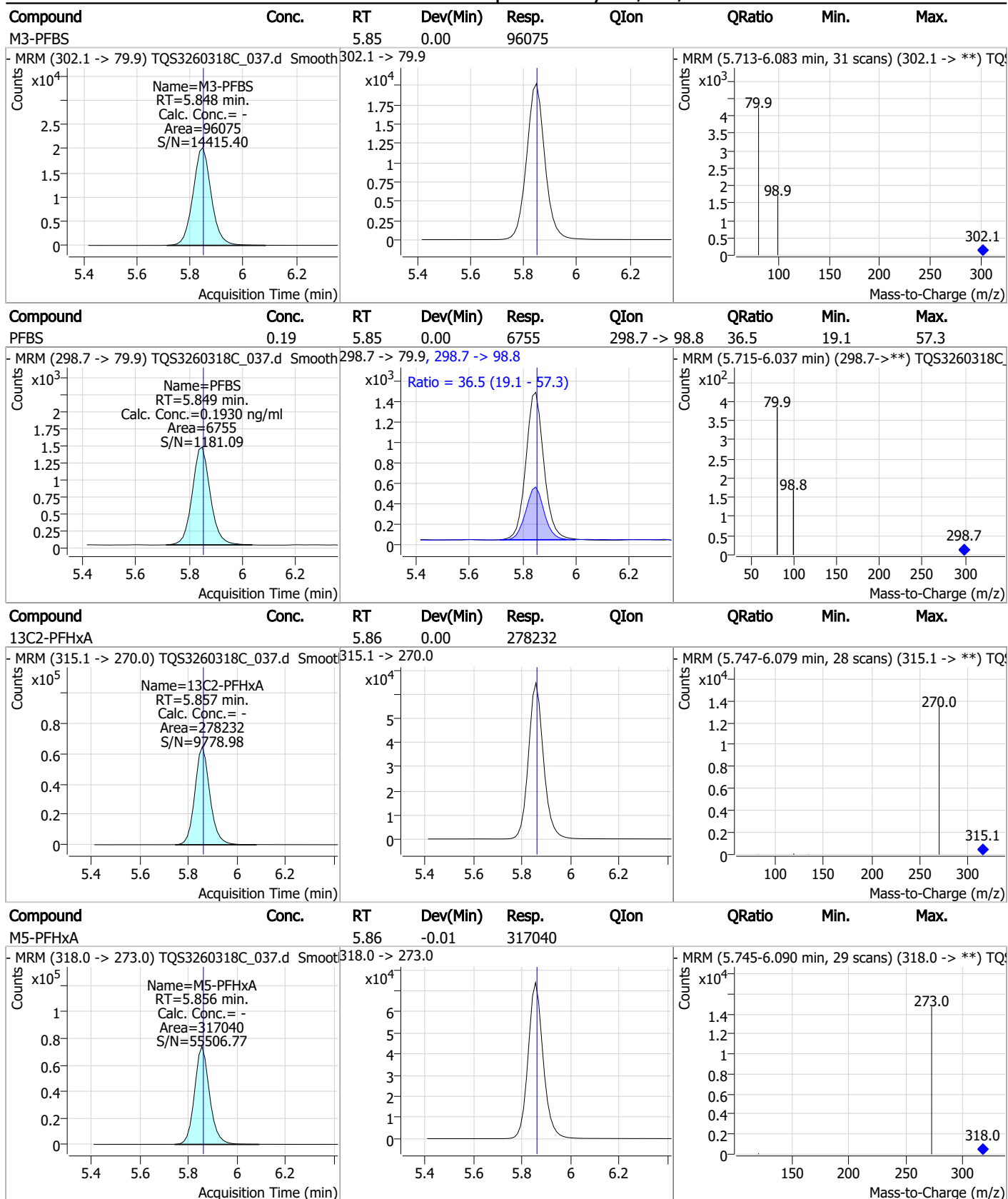
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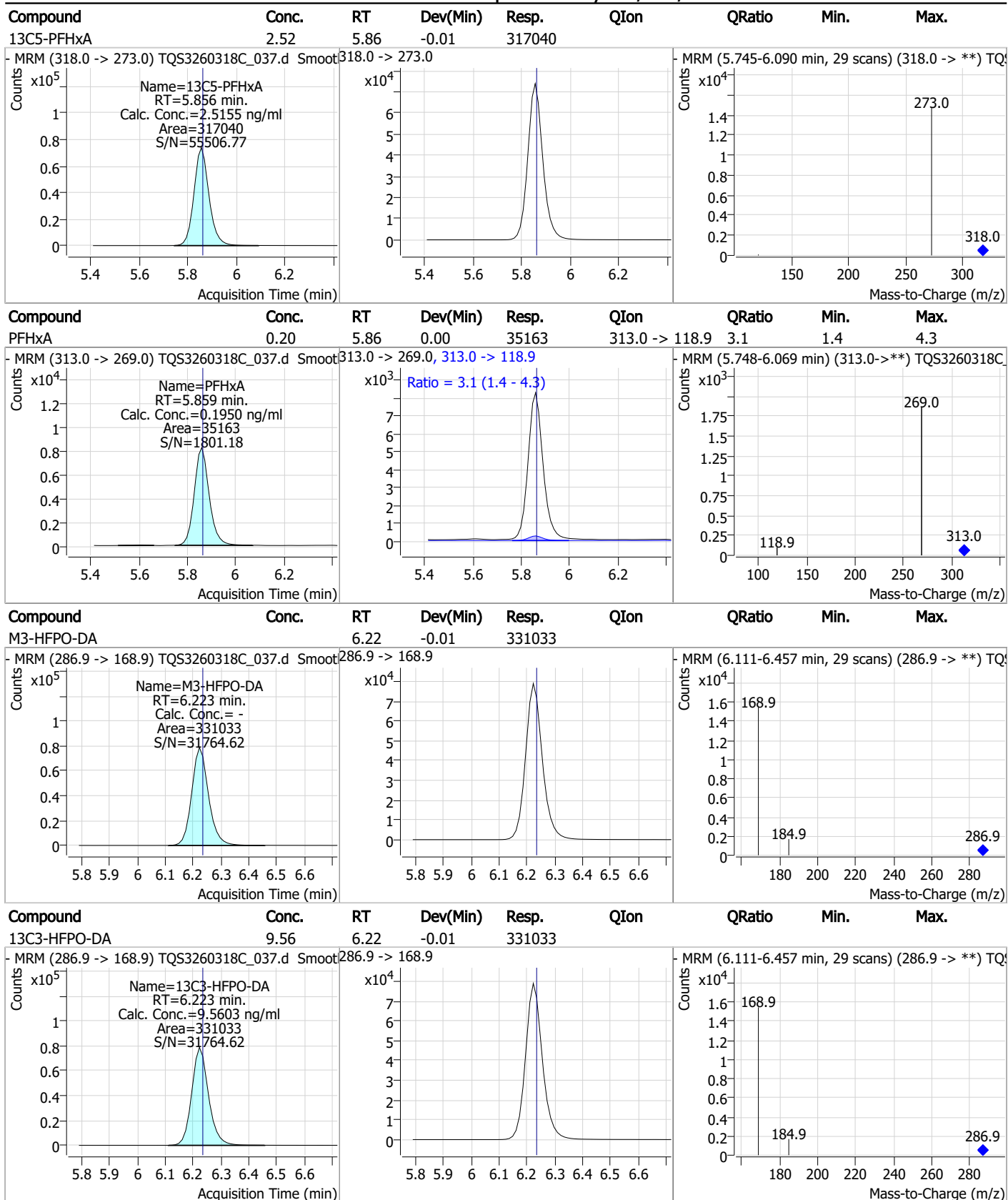
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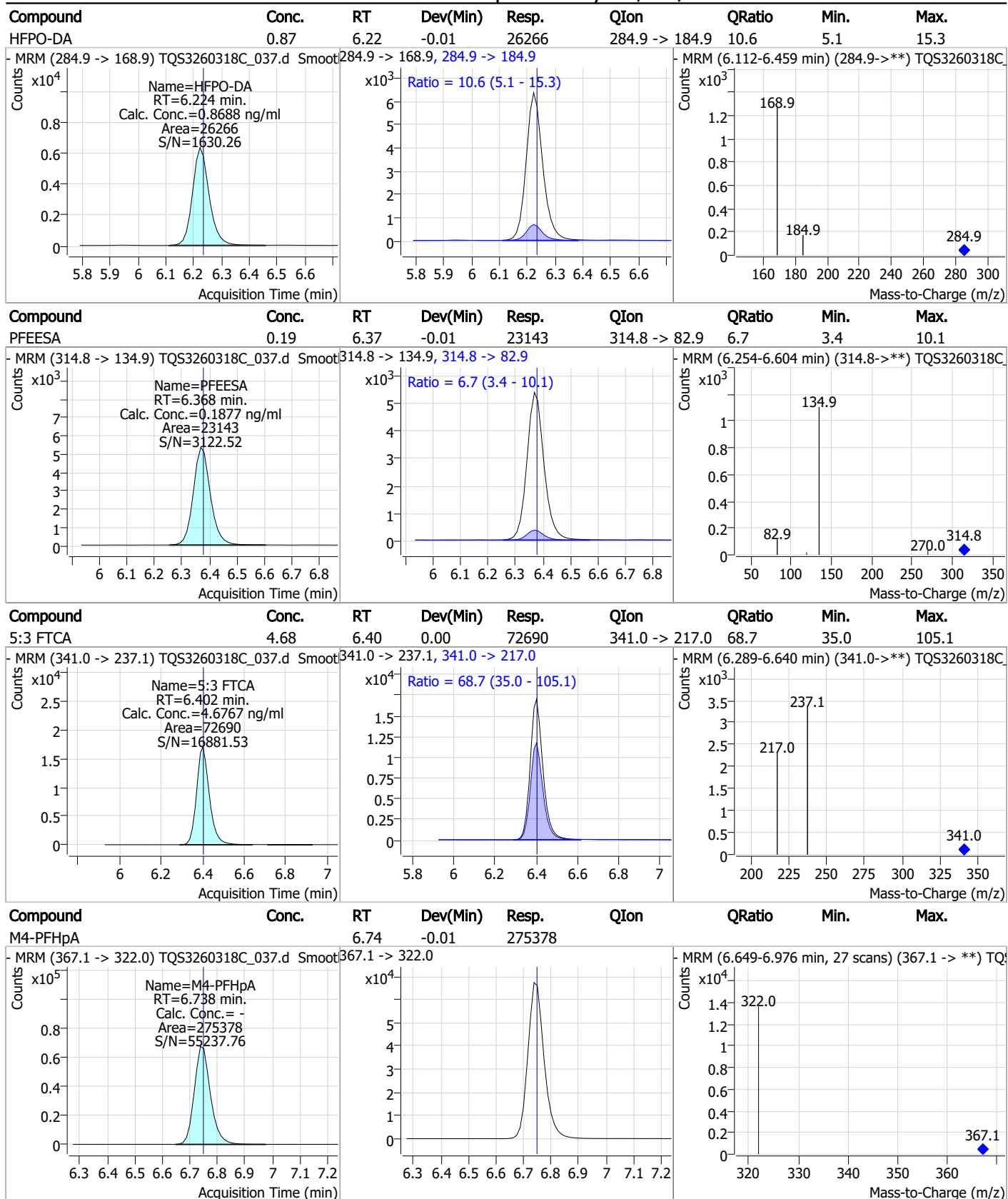
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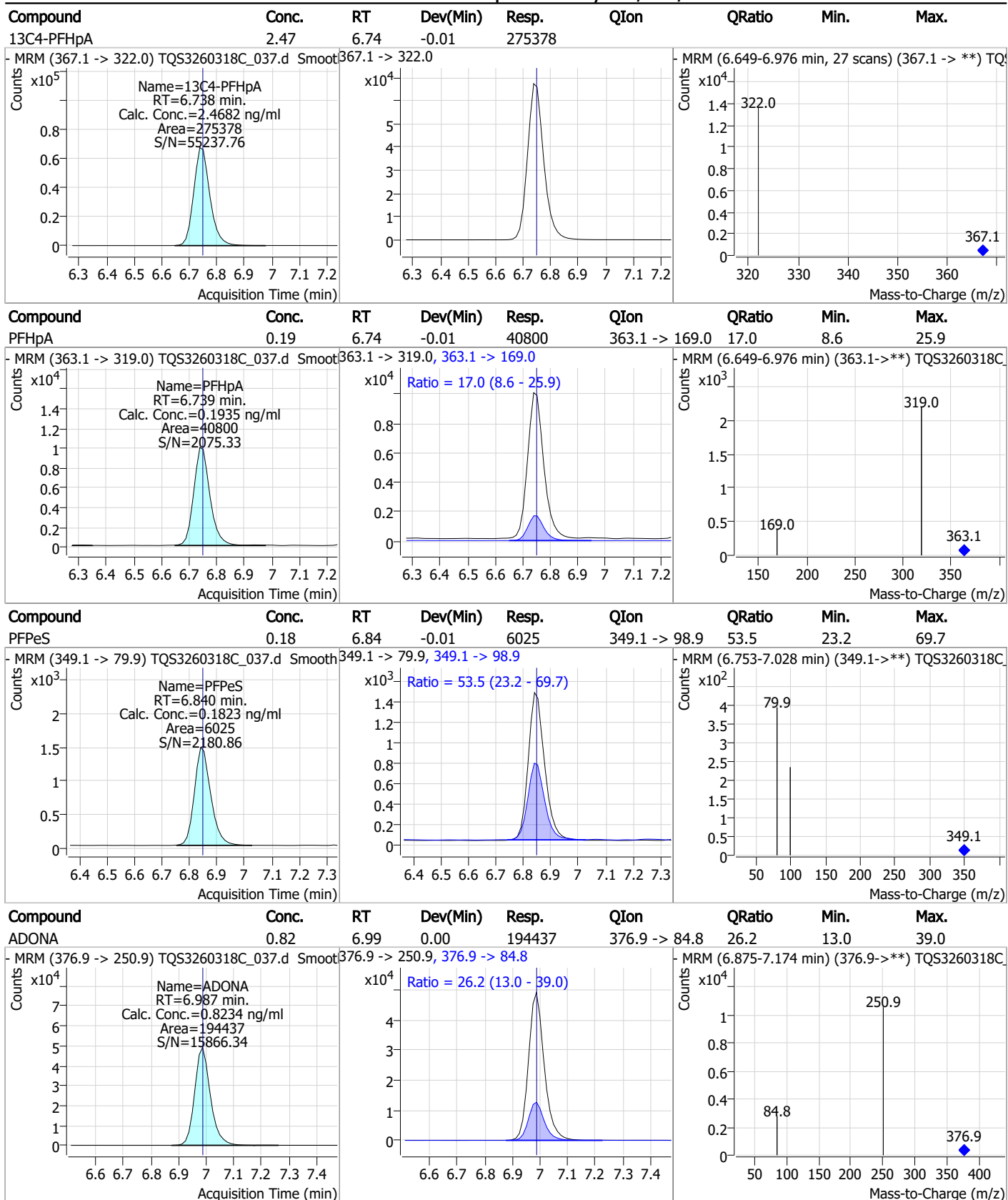
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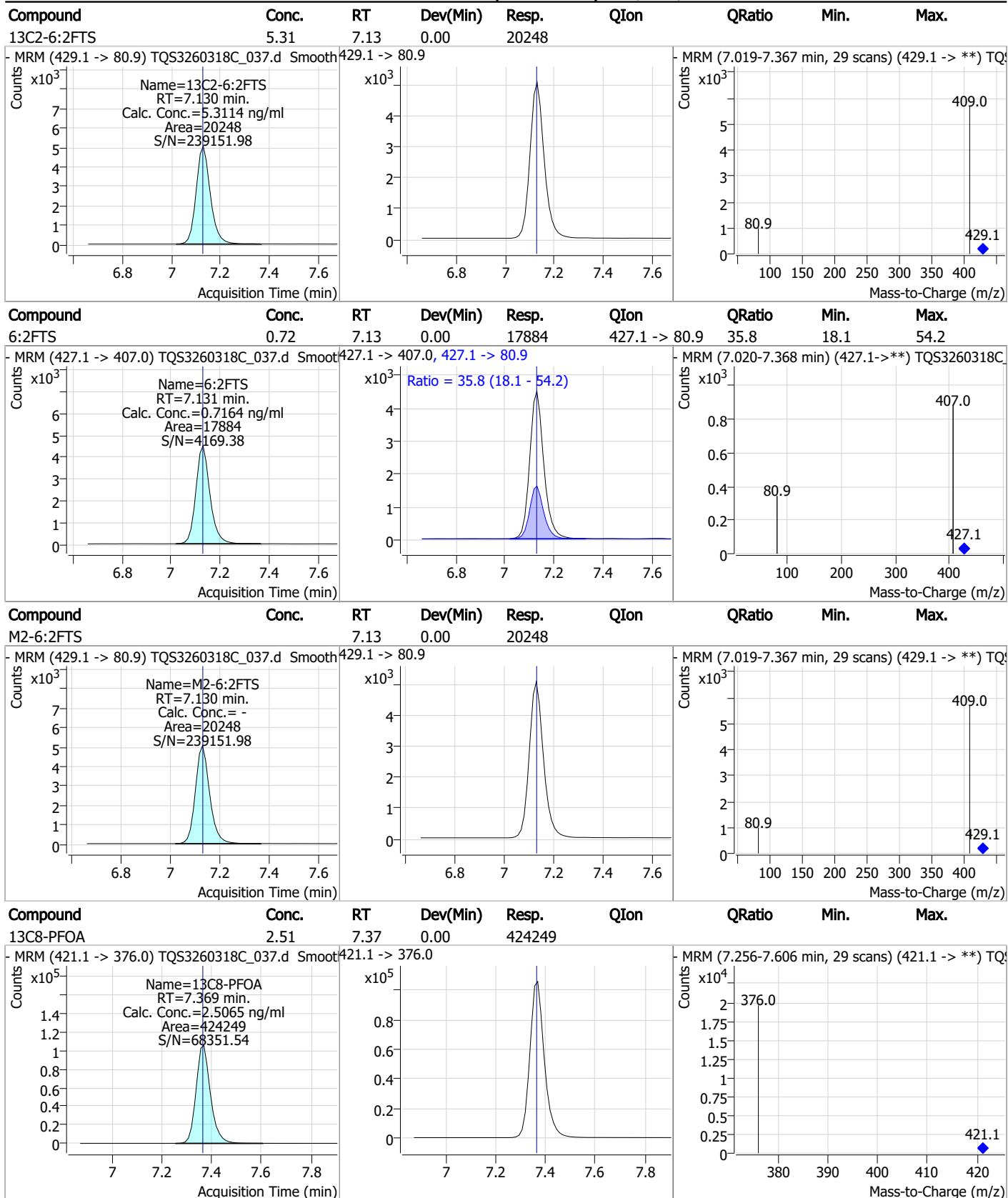
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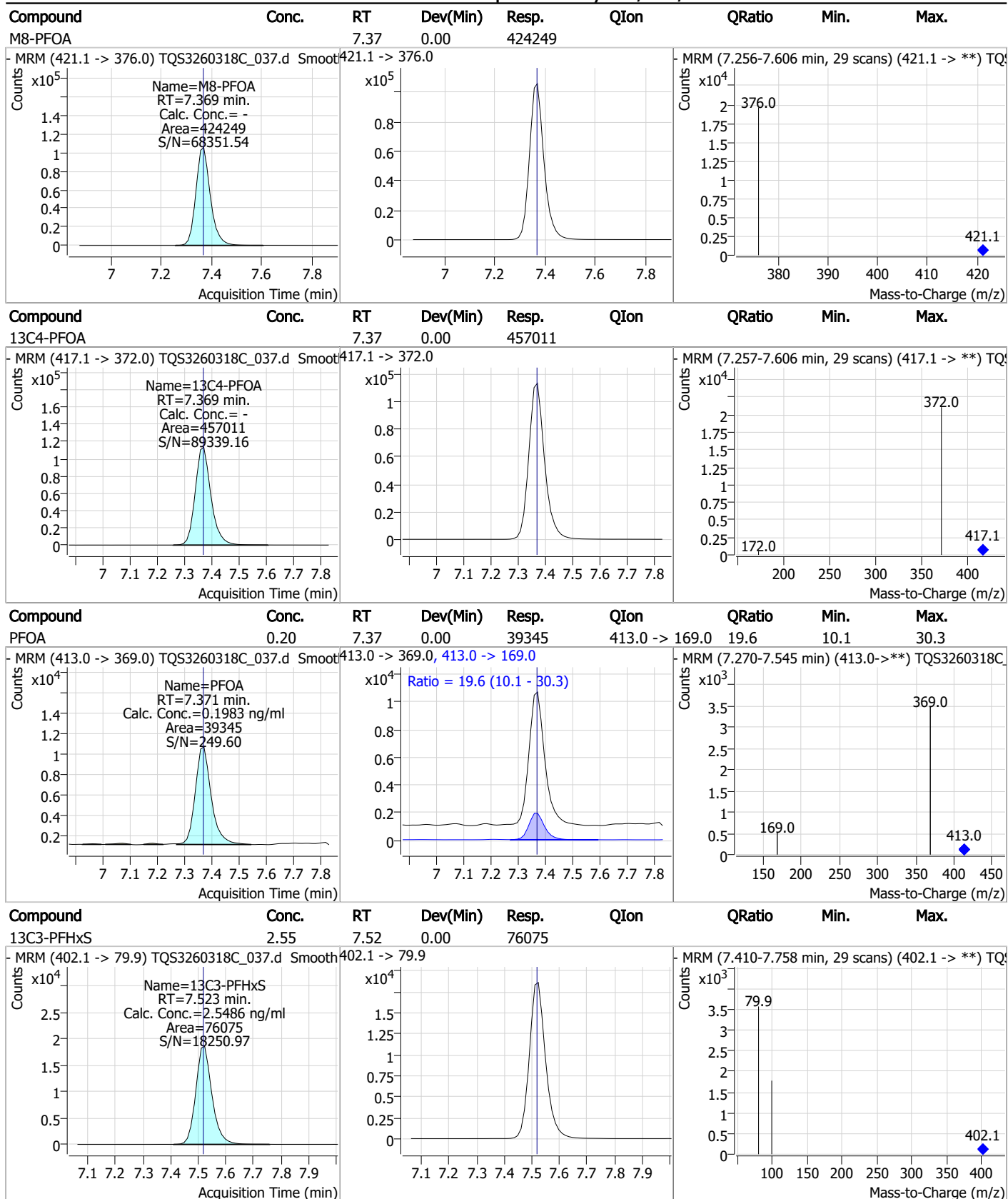


Perfluorinated Compounds by LC/MS/MS

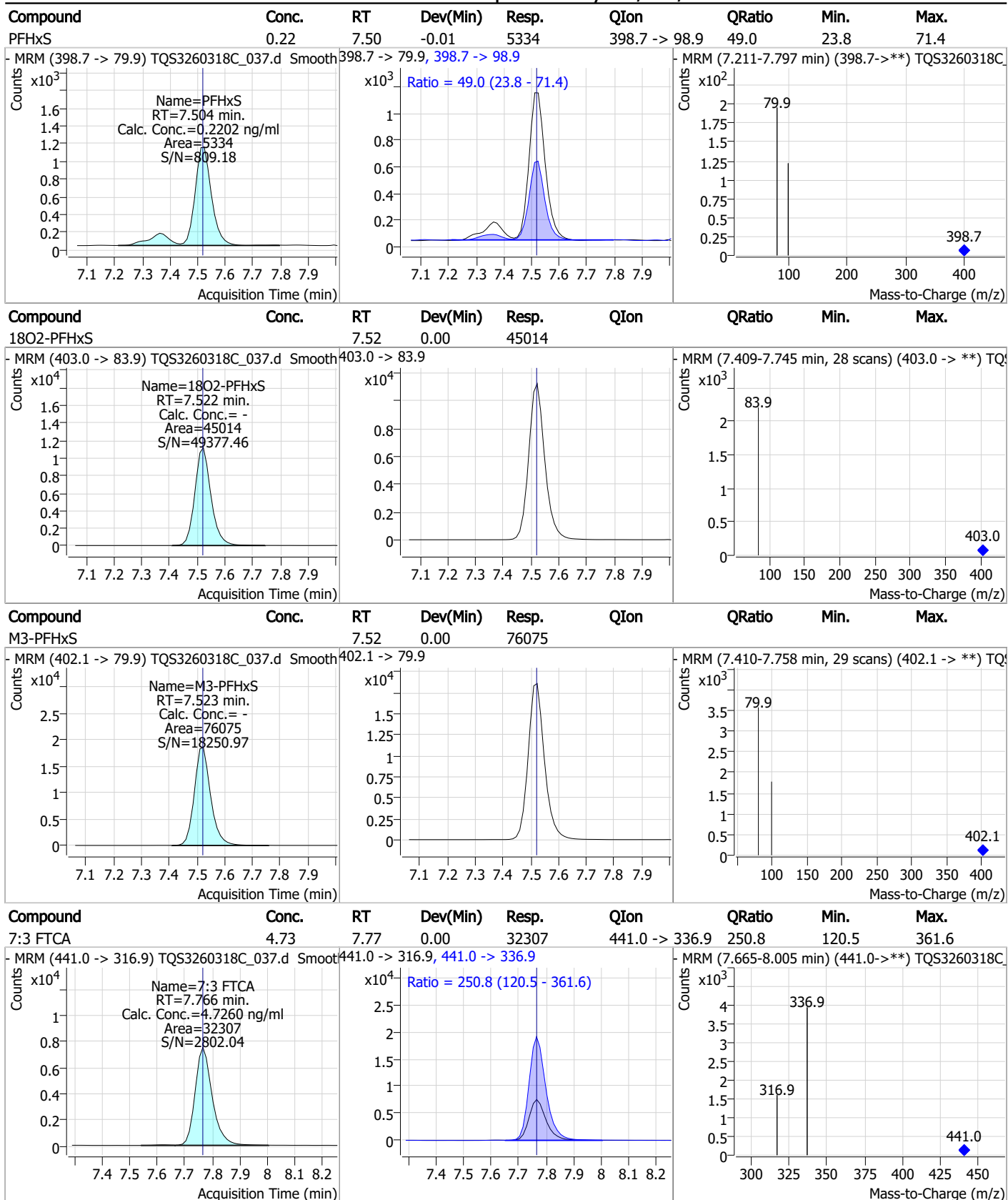


Perfluorinated Compounds by LC/MS/MS

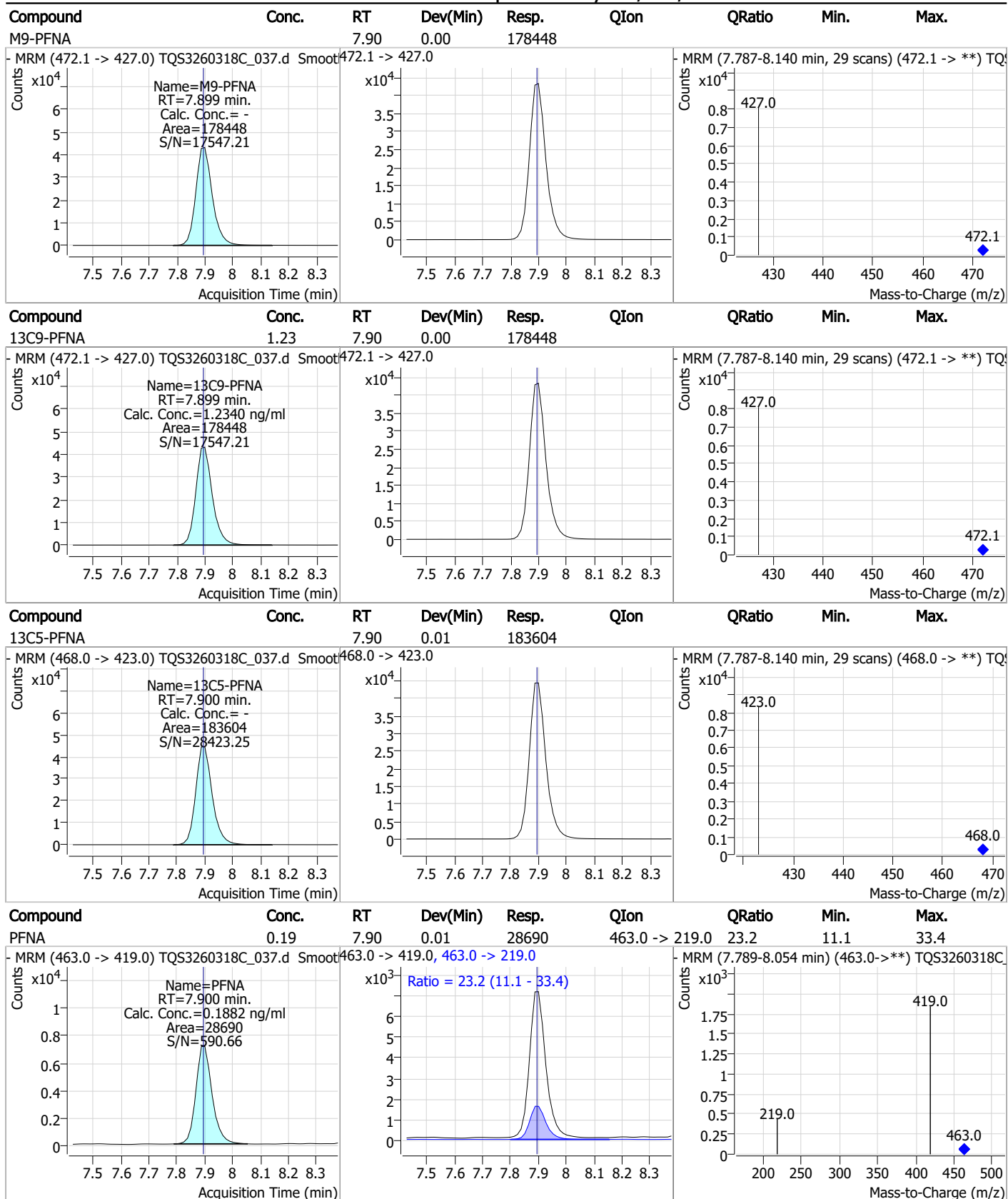




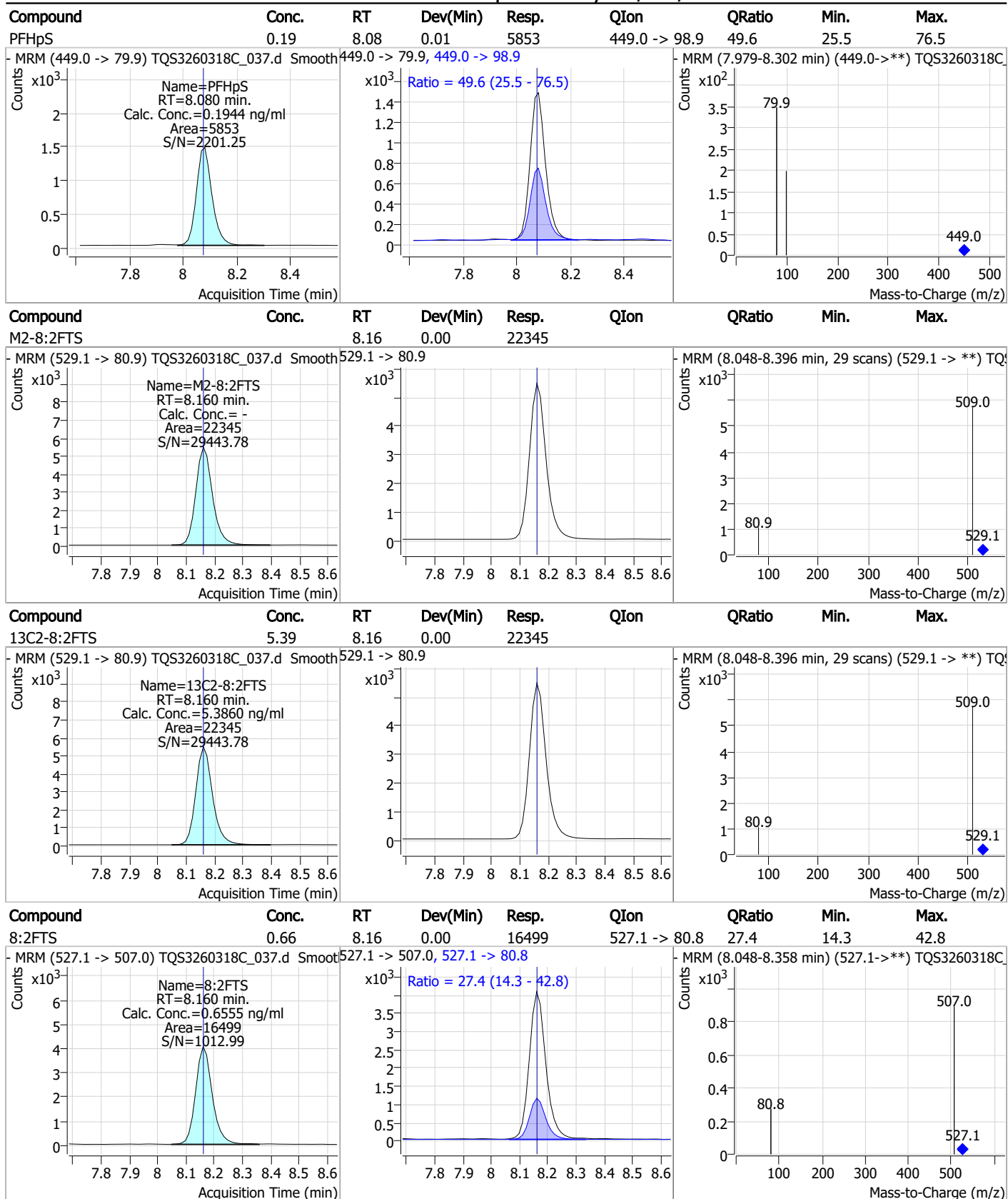
Perfluorinated Compounds by LC/MS/MS



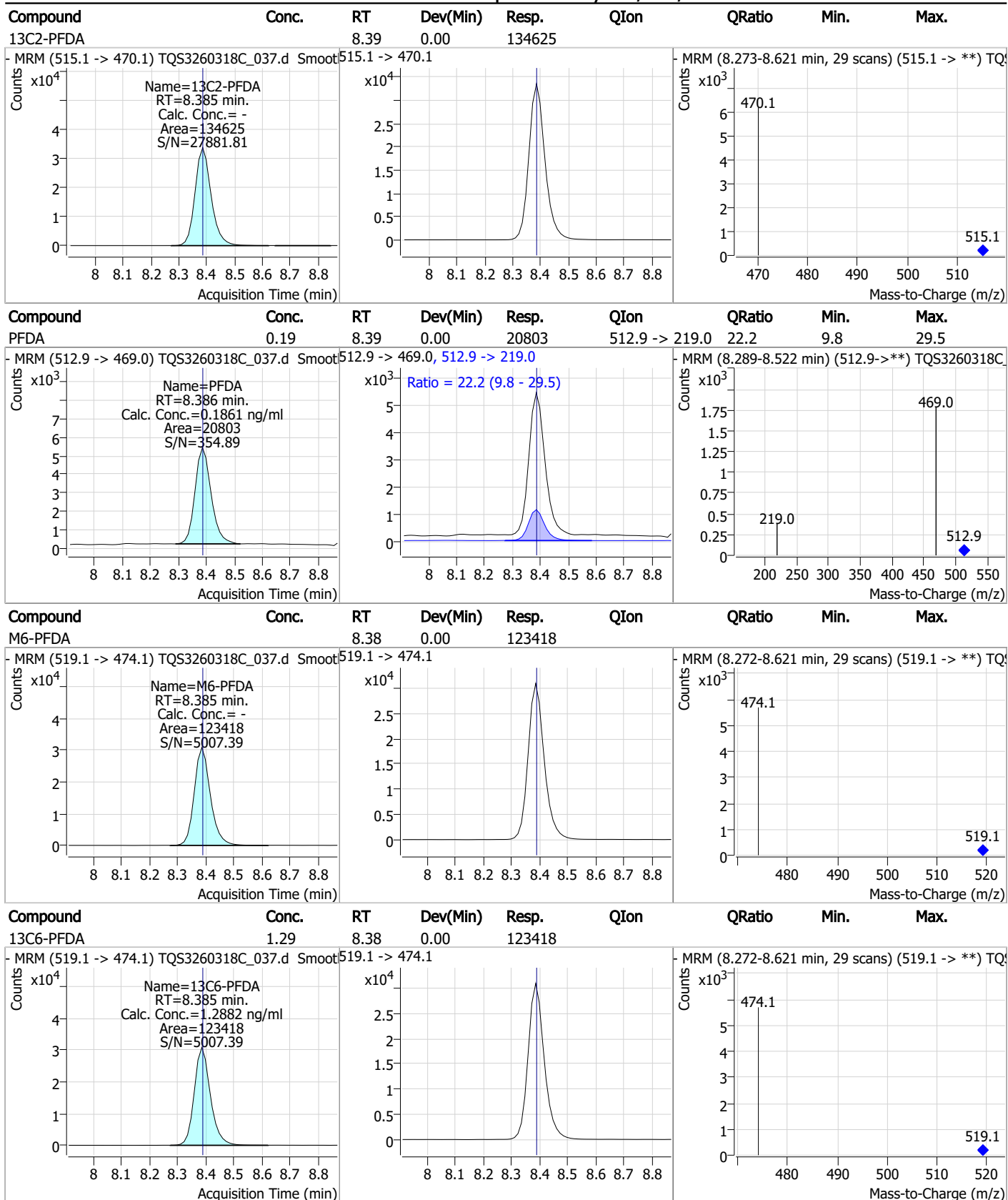
Perfluorinated Compounds by LC/MS/MS



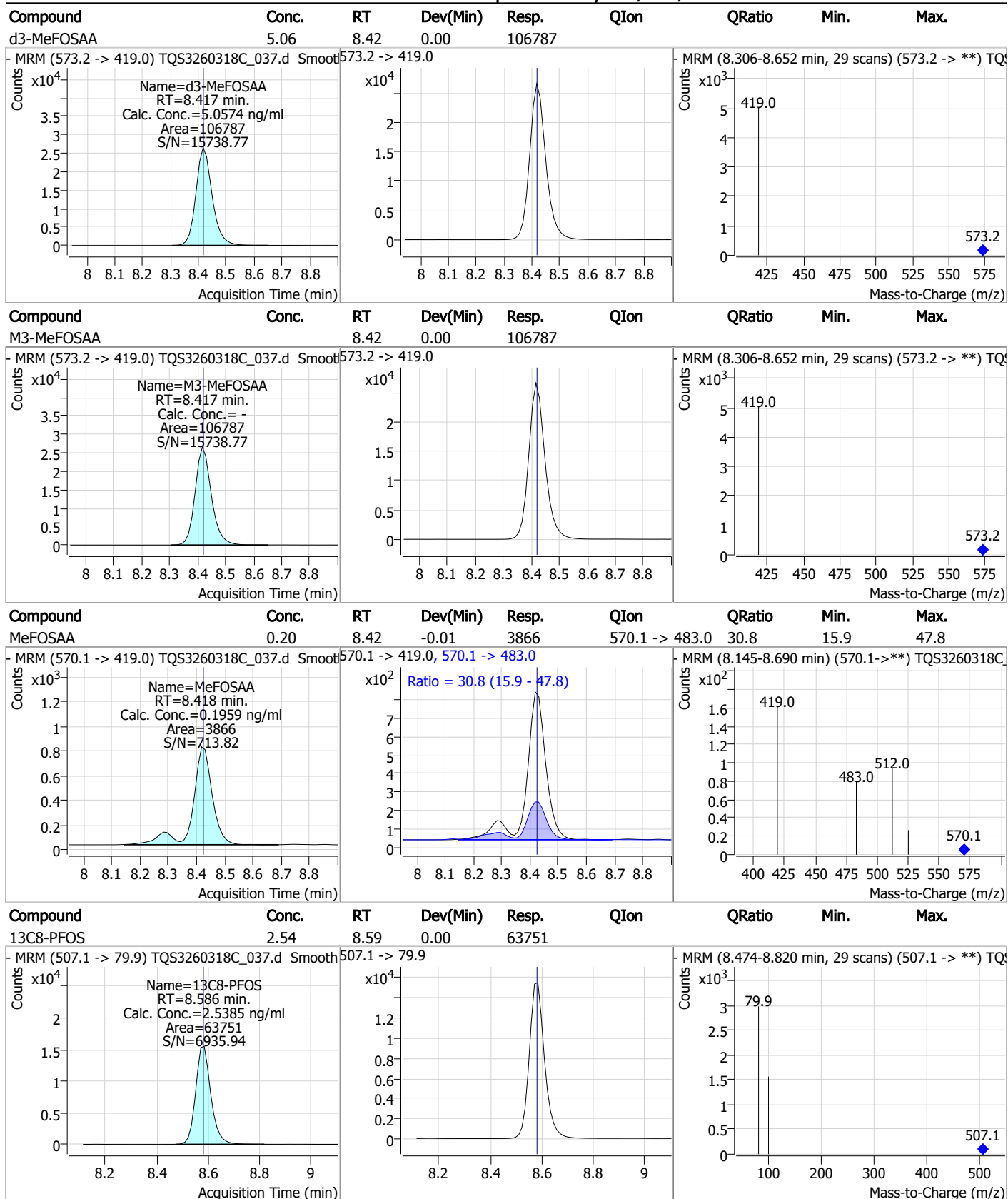
Perfluorinated Compounds by LC/MS/MS



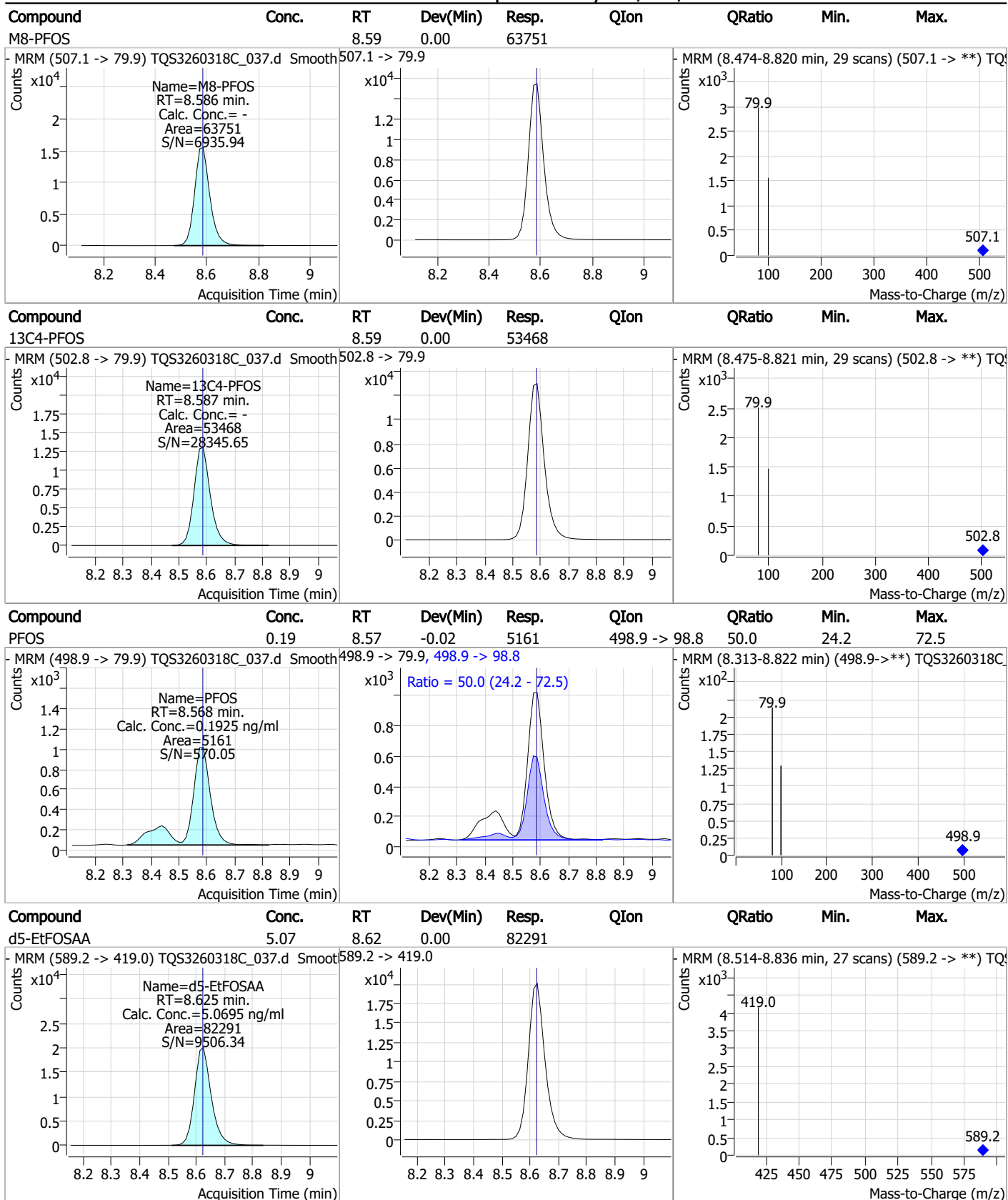
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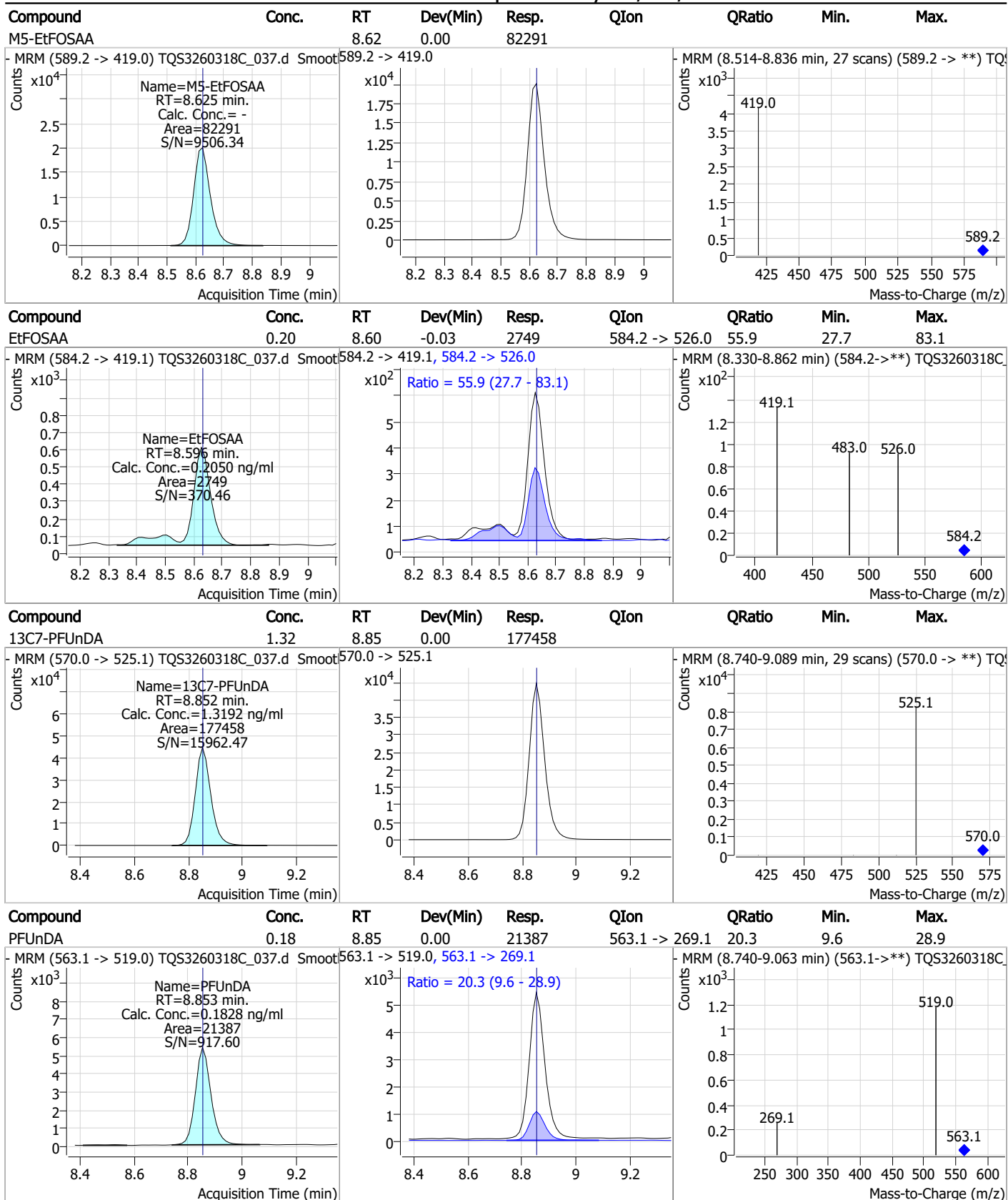
Perfluorinated Compounds by LC/MS/MS



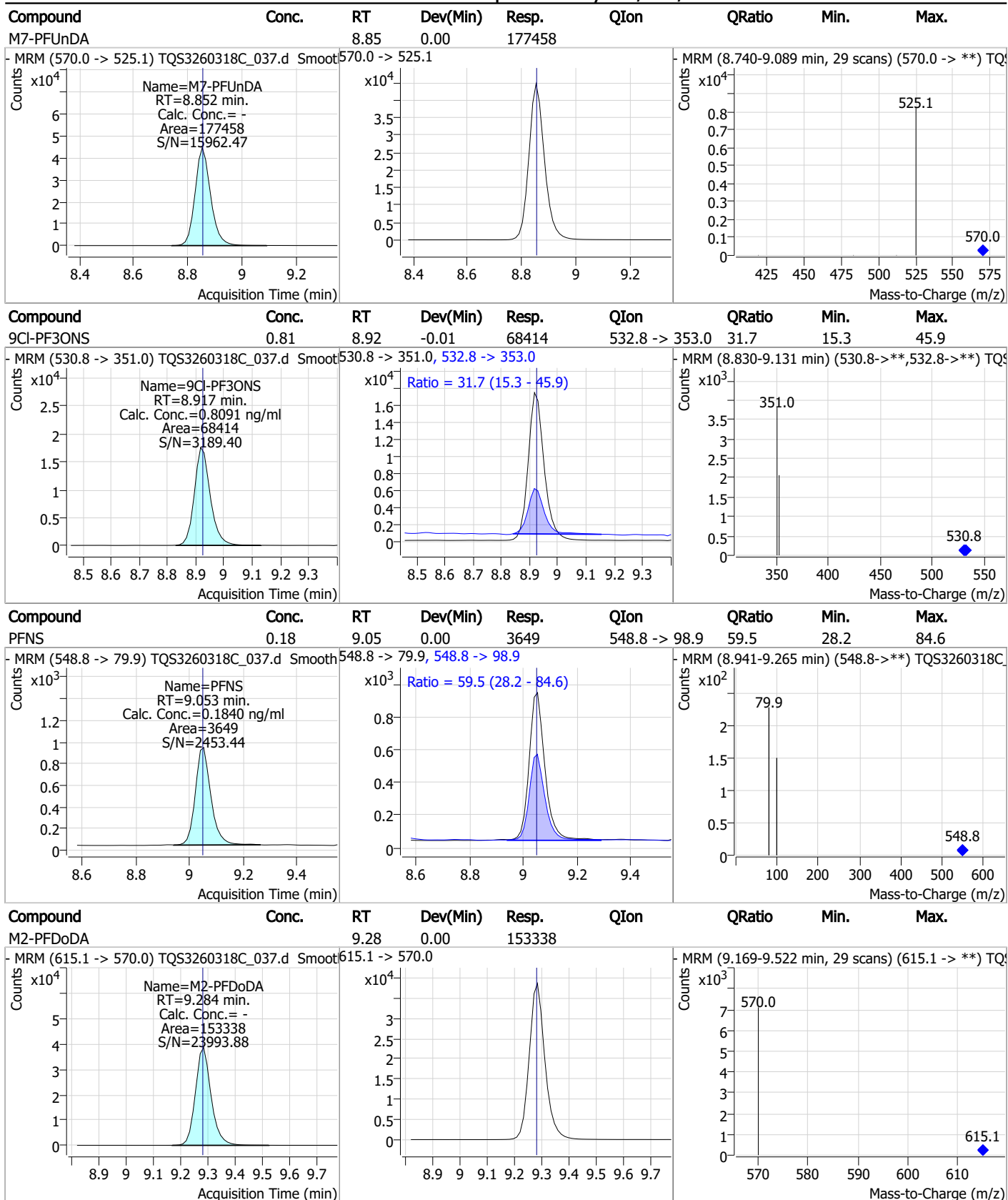
Perfluorinated Compounds by LC/MS/MS



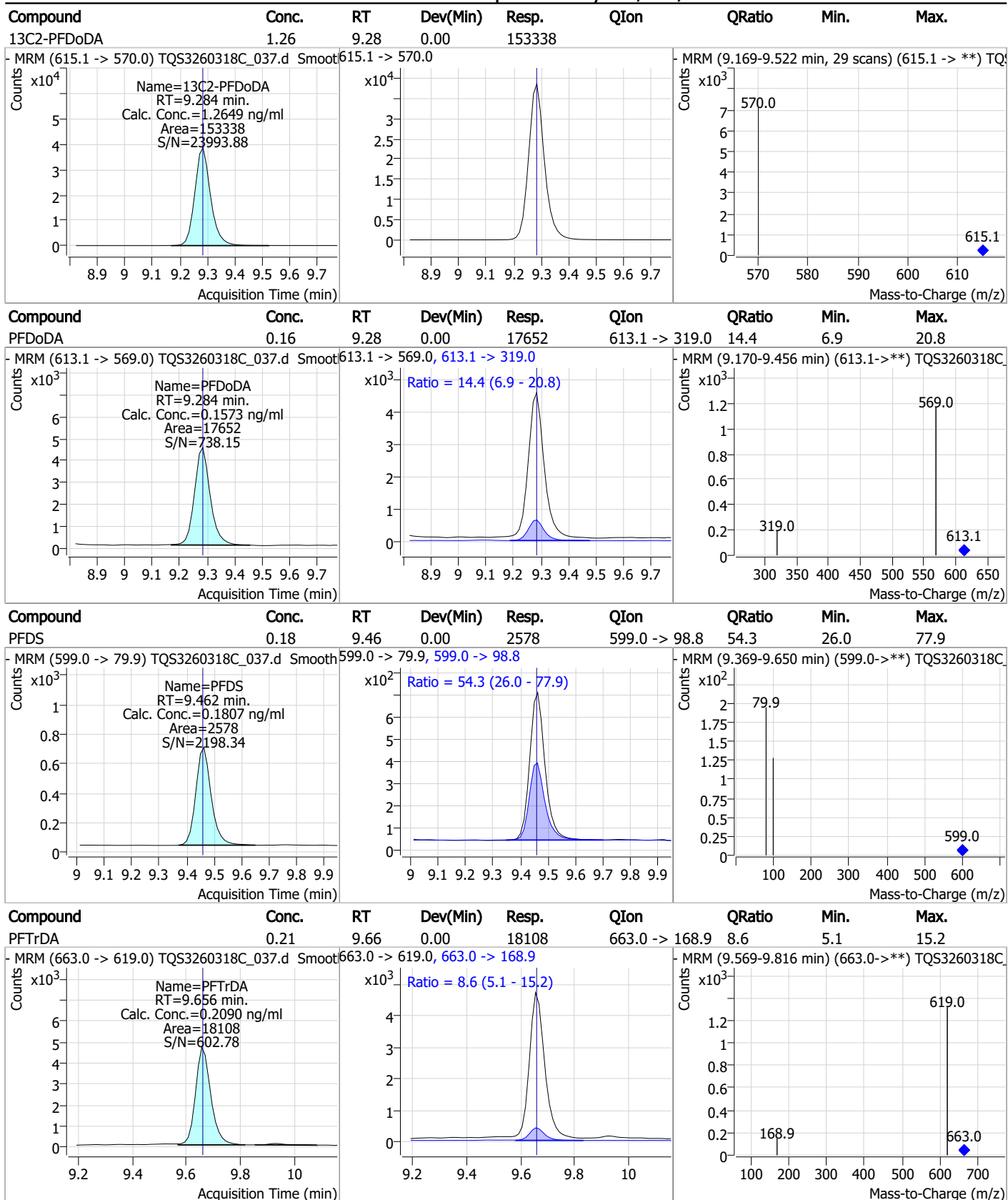
Perfluorinated Compounds by LC/MS/MS



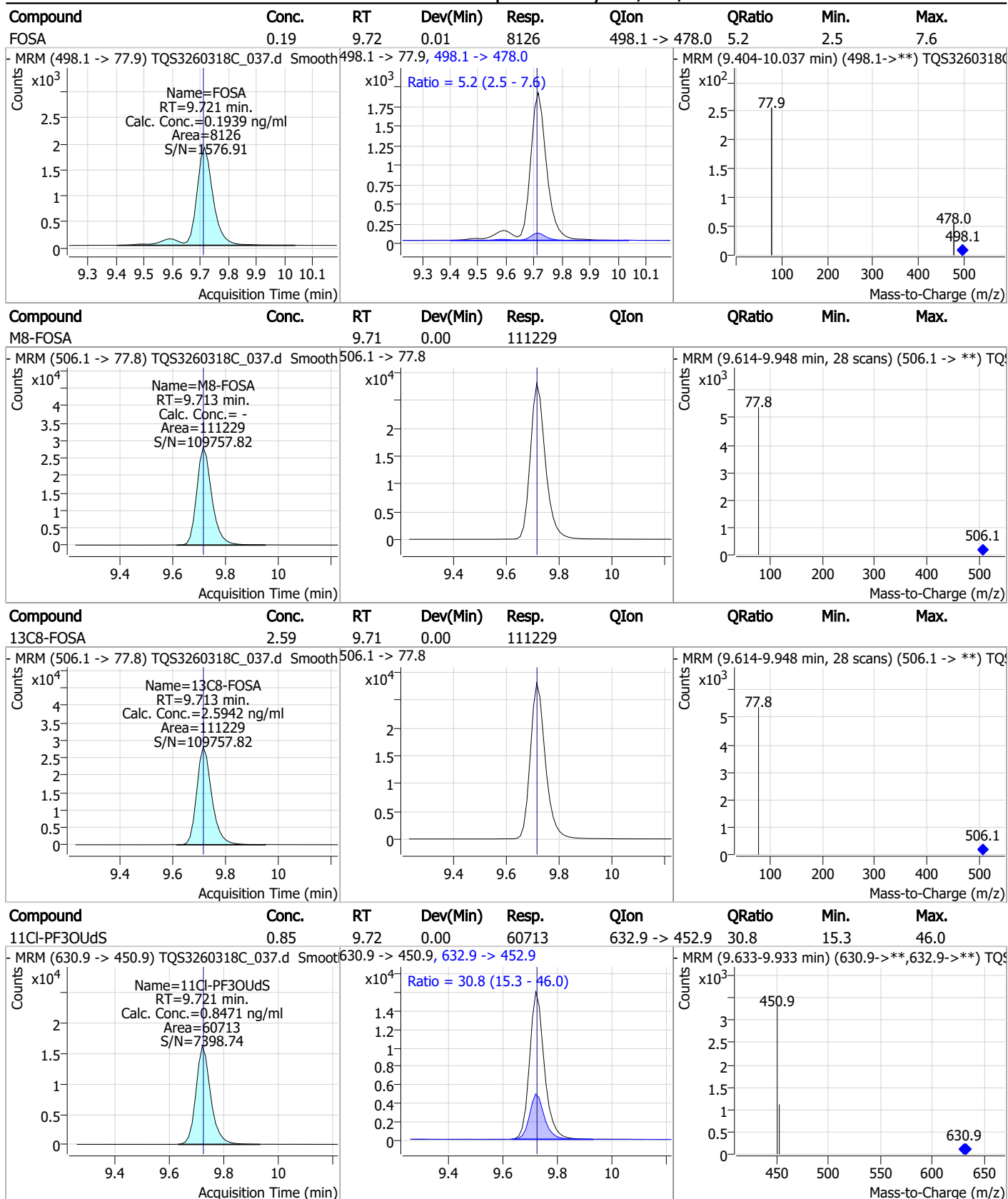
Perfluorinated Compounds by LC/MS/MS



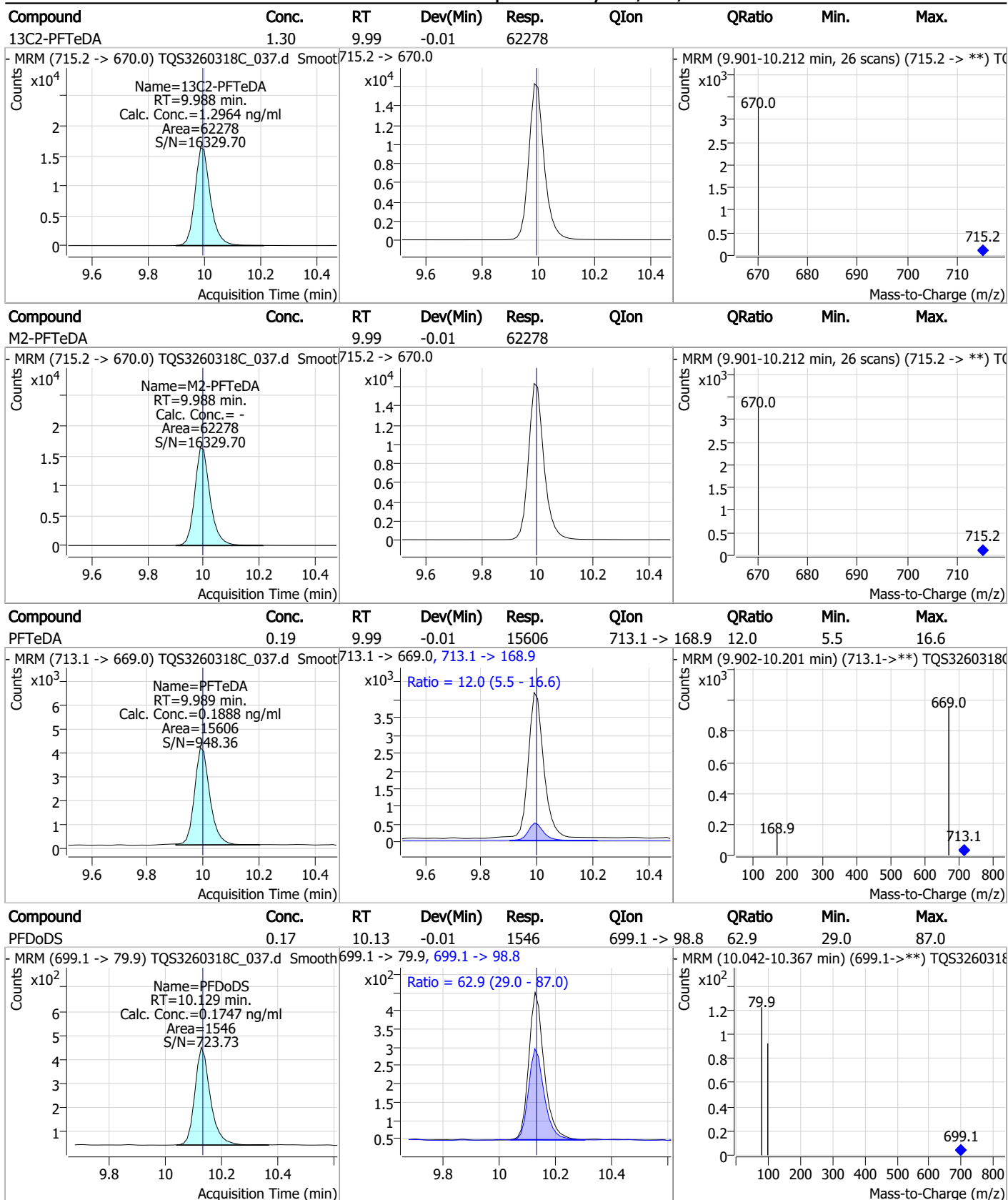
Perfluorinated Compounds by LC/MS/MS



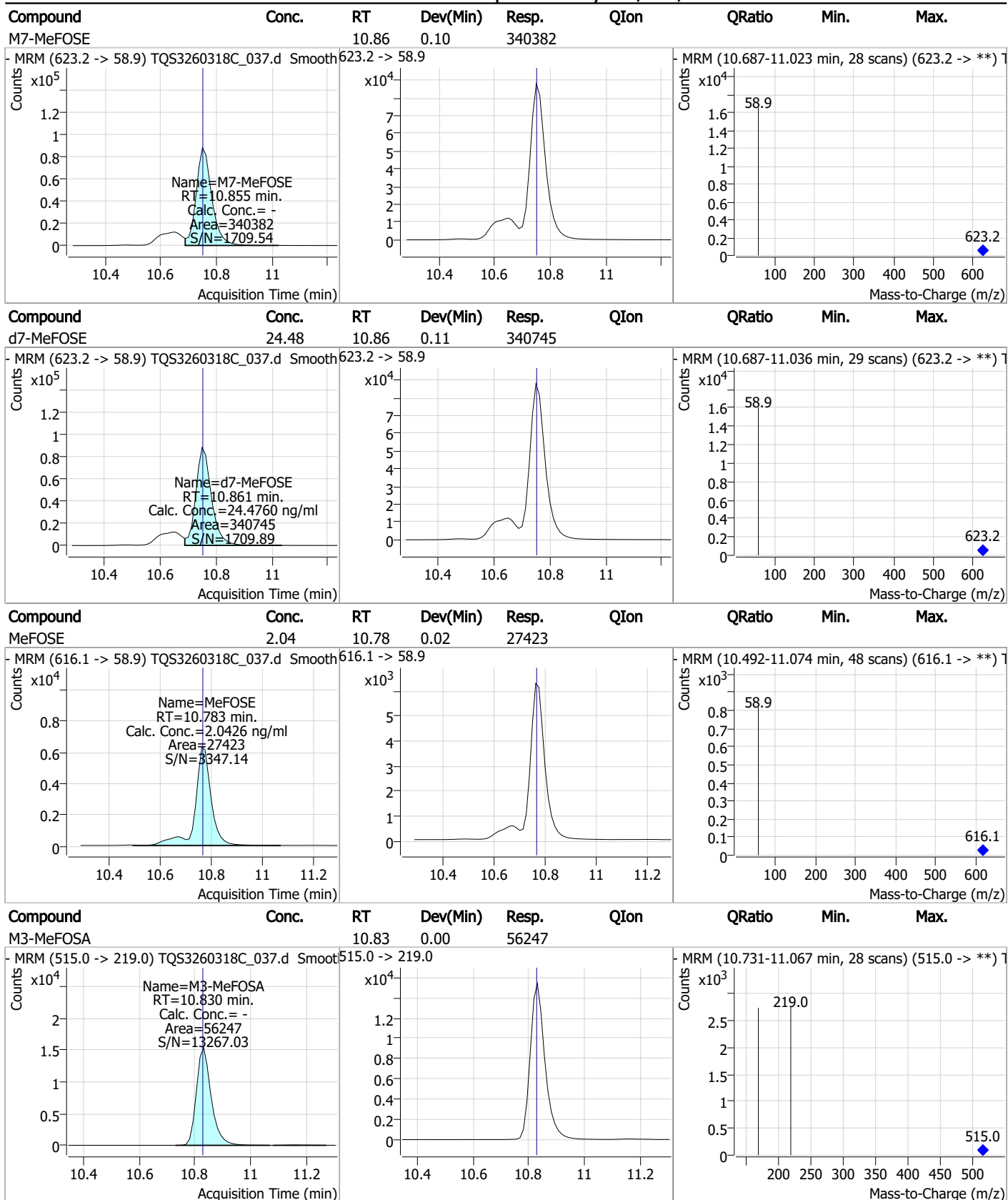
Perfluorinated Compounds by LC/MS/MS



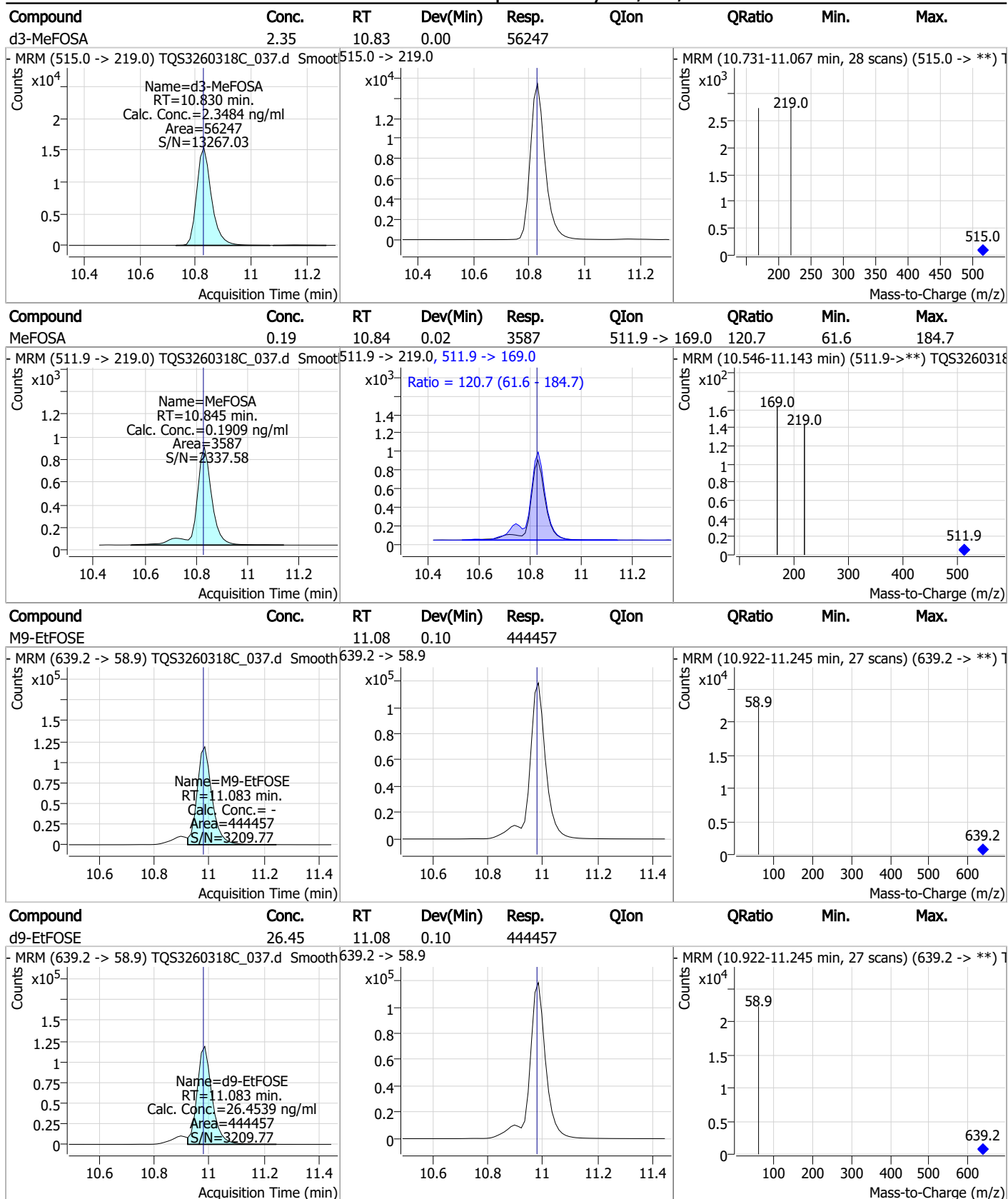
Perfluorinated Compounds by LC/MS/MS



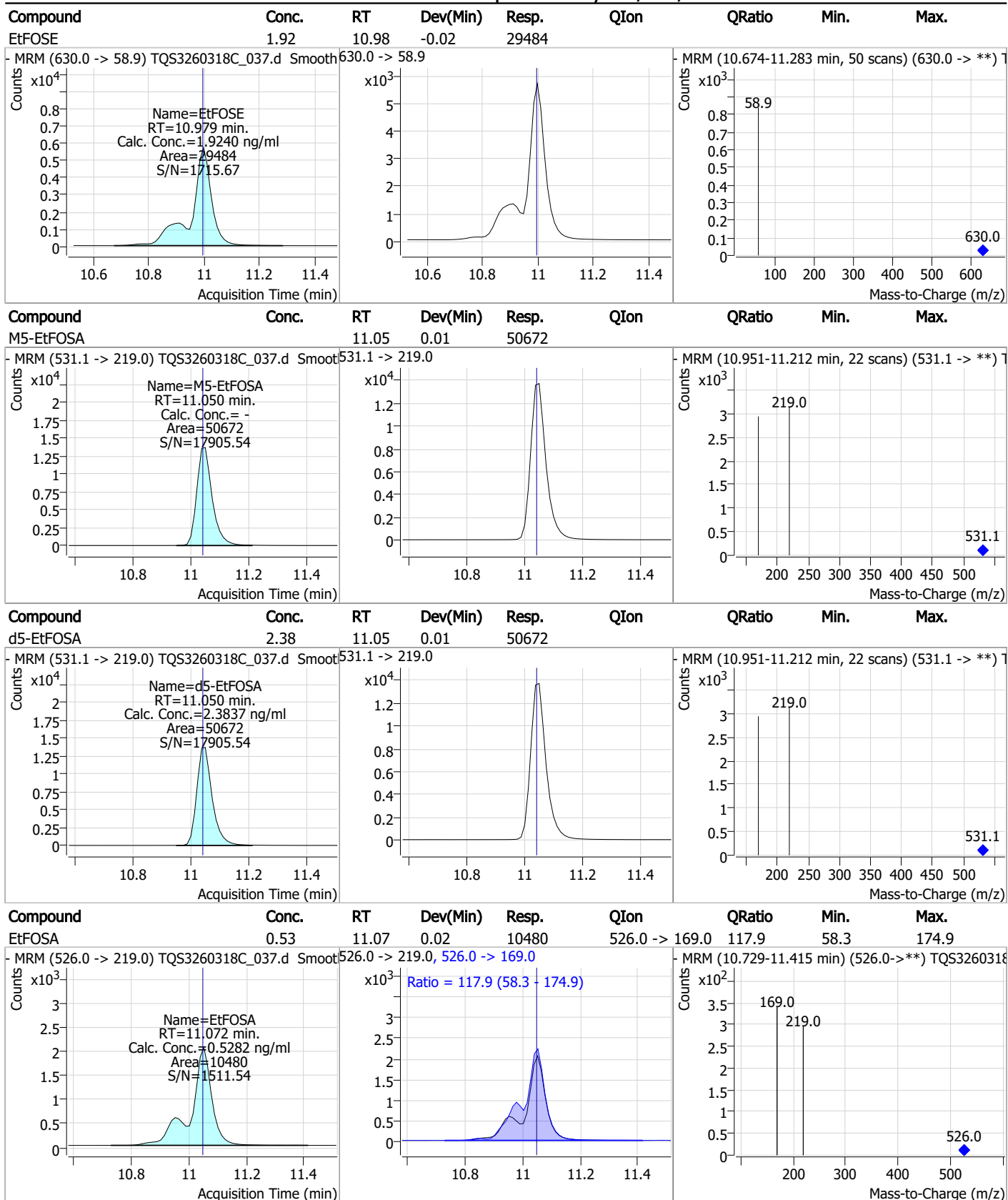
Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Data File : TQS3260318C_038.d
 Operator :
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 2:58:40 AM
 Sample Name : CCV2
 Vial : P3-A7
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3914_1633.batch.bin
 Sample Information : AXYS E 1.25ng/mL

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Internal Standards					
13C2-PFDA	8.385	515.1 -> 470.1	137491	1.25 ng/ml	0.000
13C2-PFHxA	5.857	315.1 -> 270.0	282385	2.50 ng/ml	-0.004
13C3-PFBA	3.165	216.0 -> 172.0	438322	5.00 ng/ml	-0.009
13C4-PFOA	7.369	417.1 -> 372.0	450839	2.50 ng/ml	0.001
13C4-PFOS	8.587	502.8 -> 79.9	53197	2.50 ng/ml	0.002
13C5-PFNA	7.887	468.0 -> 423.0	180065	1.25 ng/ml	-0.007
18O2-PFHxS	7.522	403.0 -> 83.9	44192	2.50 ng/ml	0.002
M2-4:2FTS	5.507	329.1 -> 80.9	12552	5.00 ng/ml	-0.001
M2-6:2FTS	7.130	429.1 -> 80.9	19187	5.00 ng/ml	-0.001
M2-8:2FTS	8.160	529.1 -> 80.9	21084	5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	158355	1.25 ng/ml	0.003
M2-PFTeDA	9.988	715.2 -> 670.0	59214	1.25 ng/ml	-0.009
M3-HFPO-DA	6.223	286.9 -> 168.9	326283	10.00 ng/ml	-0.012
M3-MeFOSA	10.830	515.0 -> 219.0	56049	2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	105953	5.00 ng/ml	-0.004
M3-PFBS	5.836	302.1 -> 79.9	96999	2.50 ng/ml	-0.014
M3-PFHxS	7.523	402.1 -> 79.9	74183	2.50 ng/ml	0.002
M4-PFBA	3.161	216.8 -> 171.9	1010861	10.00 ng/ml	-0.013
M4-PFHpA	6.738	367.1 -> 322.0	282552	2.50 ng/ml	-0.011
M5-EtFOSA	11.038	531.1 -> 219.0	49058	2.50 ng/ml	-0.004
M5-EtFOSAA	8.625	589.2 -> 419.0	81667	5.00 ng/ml	-0.001
M5-PFHxA	5.856	318.0 -> 273.0	313047	2.50 ng/ml	-0.006
M5-PFPeA	4.637	268.3 -> 223.0	449021	5.00 ng/ml	-0.005
M6-PFDA	8.385	519.1 -> 474.1	125548	1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	316096	25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	178183	1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	110249	2.50 ng/ml	-0.001
M8-PFOA	7.369	421.1 -> 376.0	409072	2.50 ng/ml	0.001
M8-PFOS	8.586	507.1 -> 79.9	60179	2.50 ng/ml	0.002
M9-EtFOSE	11.083	639.2 -> 58.9	403319	25.00 ng/ml	0.105
M9-PFNA	7.899	472.1 -> 427.0	181997	1.25 ng/ml	0.005

System Monitoring Compounds

13C2-4:2FTS	5.507	329.1 -> 80.9	12552	5.24 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 104.7%	
13C2-6:2FTS	7.130	429.1 -> 80.9	19187	5.13 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 102.5%	
13C2-8:2FTS	8.160	529.1 -> 80.9	21084	5.18 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 103.5%	
13C2-PFDoDA	9.284	615.1 -> 570.0	158355	1.28 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 102.3%	
13C2-PFTeDA	9.988	715.2 -> 670.0	59214	1.21 ng/ml	-0.008
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 96.6%	
13C3-HFPO-DA	6.223	286.9 -> 168.9	326283	9.28 ng/ml	-0.012
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 92.8%	
d3-MeFOSA	10.830	515.0 -> 219.0	56049	2.35 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 94.1%	
d3-MeFOSAA	8.417	573.2 -> 419.0	105953	5.04 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 100.9%	
13C3-PFBs	5.836	302.1 -> 79.9	96999	2.49 ng/ml	-0.014
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 99.4%	
13C3-PFHxS	7.523	402.1 -> 79.9	74183	2.53 ng/ml	0.005
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 101.3%	
13C4-PFBA	3.165	216.8 -> 171.9	1020866	9.86 ng/ml	-0.007
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 98.6%	
13C4-PFHpA	6.738	367.1 -> 322.0	282552	2.50 ng/ml	-0.011
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 99.8%	
d5-EtFOSA	11.038	531.1 -> 219.0	49058	2.32 ng/ml	-0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 92.8%	
d5-EtFOSAA	8.625	589.2 -> 419.0	81667	5.06 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 101.1%	
13C5-PFHxA	5.856	318.0 -> 273.0	313047	2.45 ng/ml	-0.006
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 97.9%	
13C5-PFPeA	4.637	268.3 -> 223.0	449021	4.89 ng/ml	-0.003
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 97.7%	
13C6-PFDA	8.385	519.1 -> 474.1	125548	1.28 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 102.7%	
d7-MeFOSE	10.861	623.2 -> 58.9	316302	22.84 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%			Recovery = 91.3%	
13C7-PFUnDA	8.852	570.0 -> 525.1	178183	1.30 ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 103.8%	
13C8-FOSA	9.713	506.1 -> 77.8	110249	2.58 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 103.4%	
13C8-PFOA	7.369	421.1 -> 376.0	409072	2.45 ng/ml	0.004
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 98.0%	
13C8-PFOS	8.586	507.1 -> 79.9	60179	2.41 ng/ml	0.003
Spiked Amount: 2.50	Range: 70.0 - 130.0%			Recovery = 96.3%	
d9-EtFOSE	11.083	639.2 -> 58.9	403319	24.13 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%			Recovery = 96.5%	
13C9-PFNA	7.899	472.1 -> 427.0	181997	1.28 ng/ml	0.005
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 102.7%	

Target Compounds

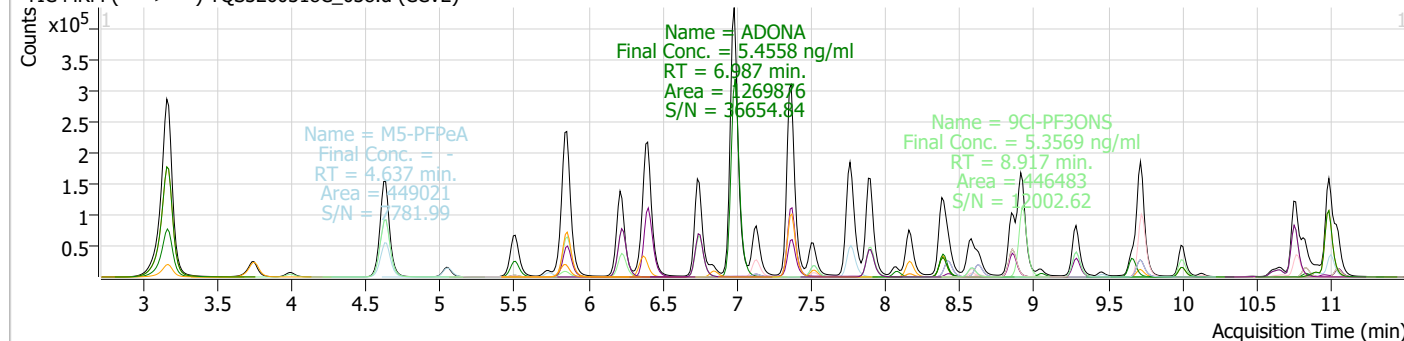
					QValue
11CI-PF3OUdS	9.721	630.9 -> 450.9	385460	5.46 ng/ml	99
TDCA	-	498.9 -> 79.9	-	N.D.	
3:3 FTCA	3.997	241.0 -> 177.0	21103	4.88 ng/ml	100
4:2FTS	5.508	327.1 -> 307.0	113787	5.08 ng/ml	98
5:3 FTCA	6.402	341.0 -> 237.1	479620	31.25 ng/ml	99
6:2FTS	7.131	427.1 -> 407.0	111186	4.70 ng/ml	99
7:3 FTCA	7.766	441.0 -> 316.9	215283	31.89 ng/ml	100
8:2FTS	8.160	527.1 -> 507.0	102634	4.32 ng/ml	98
9CI-PF3ONS	8.917	530.8 -> 351.0	446483	5.36 ng/ml	99
ADONA	6.987	376.9 -> 250.9	1269876	5.46 ng/ml	100
EtFOSA	11.072	526.0 -> 219.0	67510	3.51 ng/ml	98
EtFOSAA	8.596	584.2 -> 419.1	16481	1.24 ng/ml	98
EtFOSE	10.979	630.0 -> 58.9	175684	12.63 ng/ml	100
FOSA	9.721	498.1 -> 77.9	52666	1.27 ng/ml	99
HFPO-DA	6.224	284.9 -> 168.9	158627	5.32 ng/ml	97
MeFOSA	10.845	511.9 -> 219.0	23953	1.28 ng/ml	97
MeFOSAA	8.418	570.1 -> 419.0	24545	1.25 ng/ml	98
MeFOSE	10.783	616.1 -> 58.9	155943	12.51 ng/ml	100
NFDHA	5.728	295.0 -> 201.0	30017	2.49 ng/ml	98
PFBA	3.167	212.8 -> 168.9	114527	4.98 ng/ml	100

Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.837	298.7 -> 79.9	43563	1.23 ng/ml	99
PFDA	8.386	512.9 -> 469.0	145845	1.28 ng/ml	98
PFDoDA	9.284	613.1 -> 569.0	118391	1.02 ng/ml	97
PFDoDS	10.129	699.1 -> 79.9	10508	1.26 ng/ml	98
PFDS	9.462	599.0 -> 79.9	16430	1.22 ng/ml	99
PFEESA	6.368	314.8 -> 134.9	147797	1.21 ng/ml	100
PFHpA	6.739	363.1 -> 319.0	266865	1.23 ng/ml	99
PFHpS	8.080	449.0 -> 79.9	36477	1.28 ng/ml	99
PFHxA	5.859	313.0 -> 269.0	214635	1.21 ng/ml	100
PFHxS	7.504	398.7 -> 79.9	32265	1.37 ng/ml	98
PFMBA	5.048	279.0 -> 85.1	68566	1.20 ng/ml	100
PFMPA	3.741	229.0 -> 84.9	126494	2.41 ng/ml	100
PFNA	7.900	463.0 -> 419.0	196736	1.27 ng/ml	99
PFNS	9.053	548.8 -> 79.9	22800	1.22 ng/ml	97
PFOA	7.371	413.0 -> 369.0	239190	1.25 ng/ml	100
PFOS	8.568	498.9 -> 79.9	31605	1.25 ng/ml	97
PFPeA	4.627	263.0 -> 219.0	266615	2.45 ng/ml	100
PFPeS	6.840	349.1 -> 79.9	39675	1.23 ng/ml	97
PFTeDA	9.989	713.1 -> 669.0	106800	1.36 ng/ml	100
PFTrDA	9.656	663.0 -> 619.0	116182	1.30 ng/ml	99
PFUnDA	8.853	563.1 -> 519.0	151995	1.29 ng/ml	100

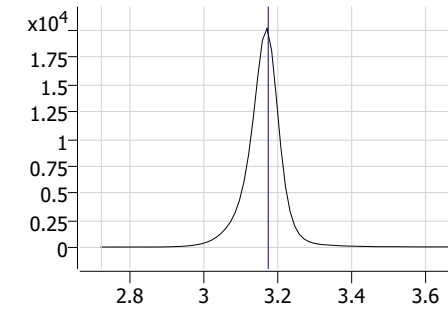
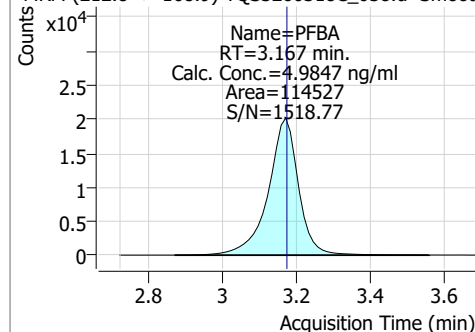
= Qualifier out of range, m = manually integrated, + = Area summed

- TIC MRM (** -> **) TQS3260318C_038.d (CCV2)

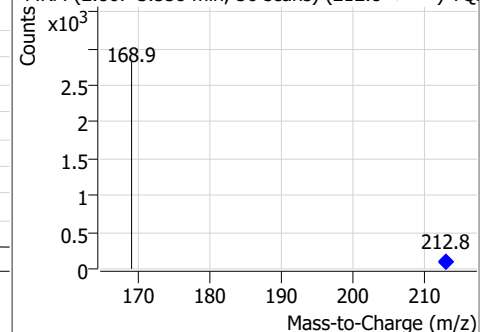


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Min.	Max.
PFBA	4.98	3.17	-0.01	114527				

- MRM (212.8 -> 168.9) TQS3260318C_038.d Smoothed 212.8 -> 168.9

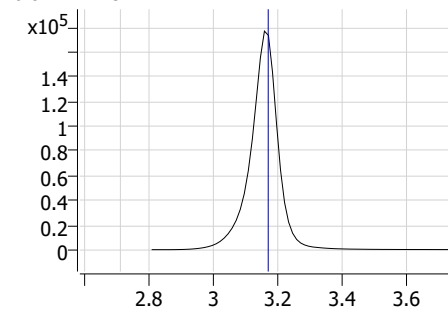
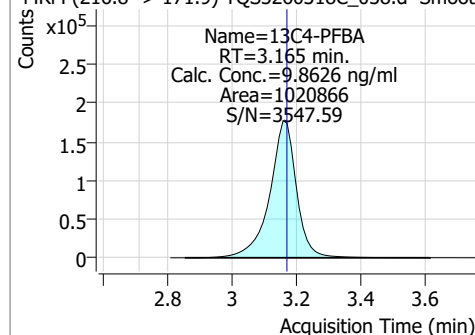


- MRM (2.867-3.558 min, 56 scans) (212.8 -> **) TQS3260318C_038.d

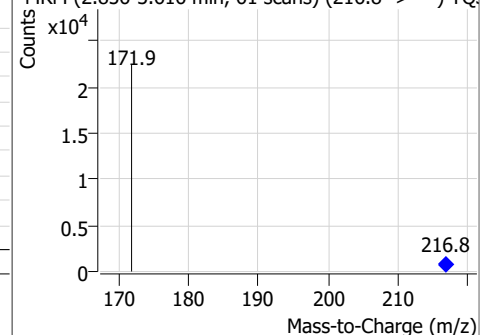


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Min.	Max.
13C4-PFBA	9.86	3.17	-0.01	1020866				

- MRM (216.8 -> 171.9) TQS3260318C_038.d Smoothed 216.8 -> 171.9

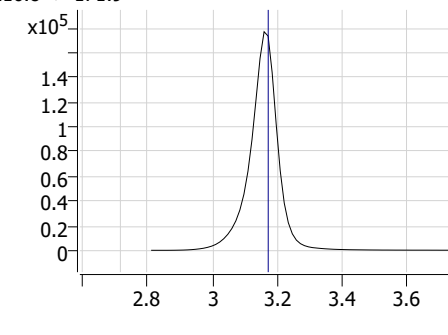
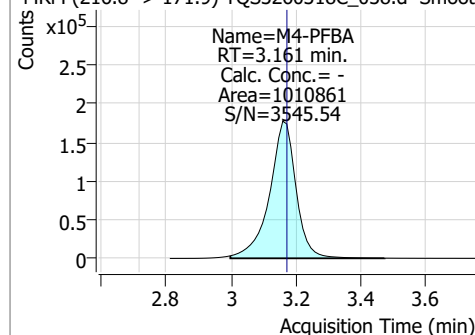


- MRM (2.856-3.616 min, 61 scans) (216.8 -> **) TQS3260318C_038.d

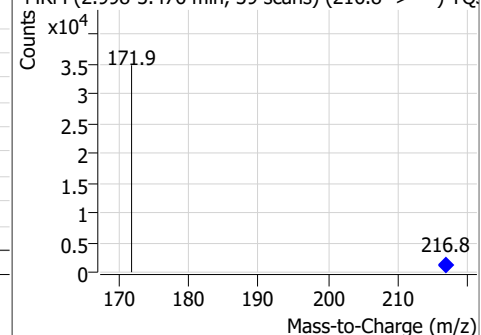


Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Min.	Max.
M4-PFBA		3.16	-0.01	1010861				

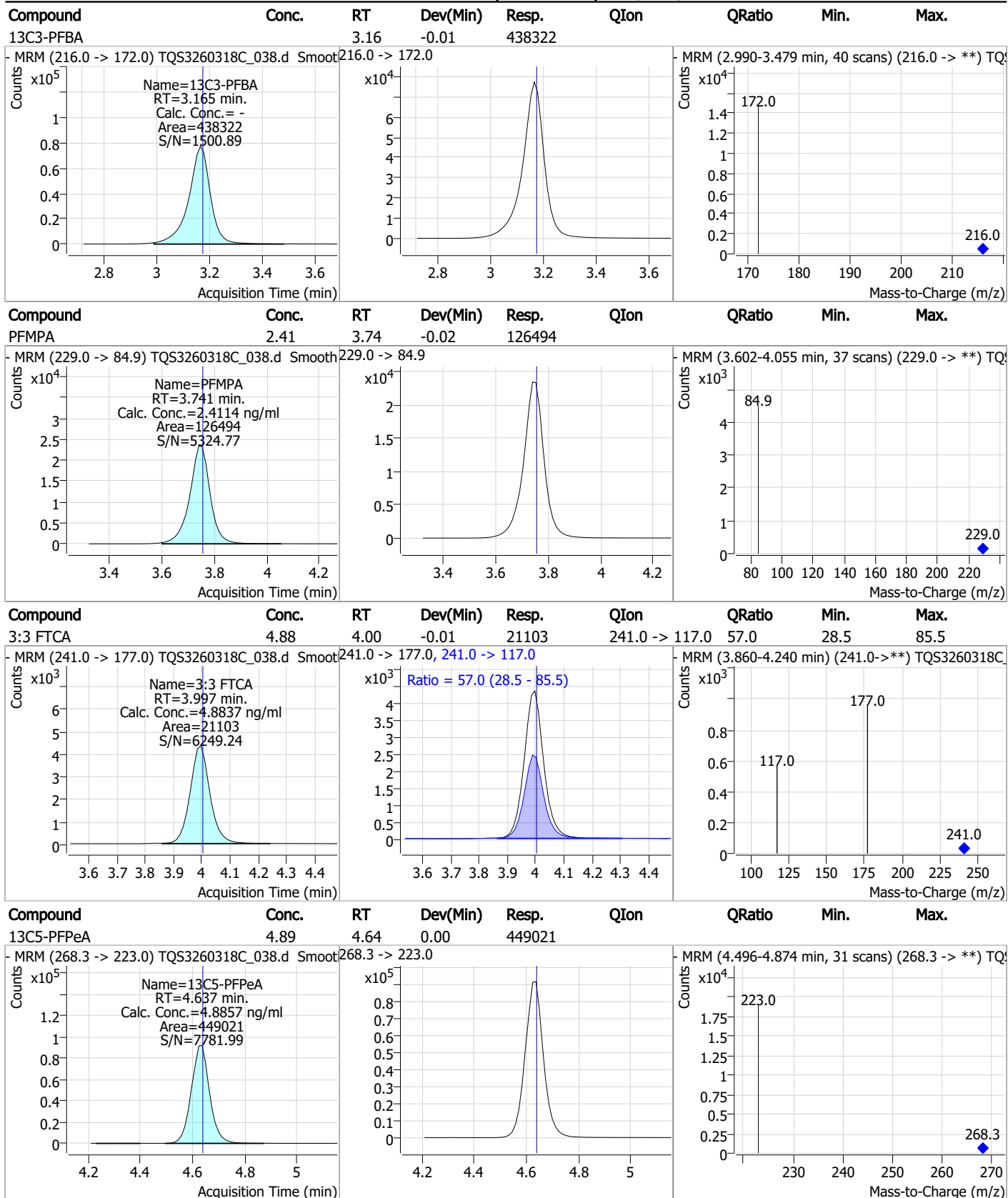
- MRM (216.8 -> 171.9) TQS3260318C_038.d Smoothed 216.8 -> 171.9



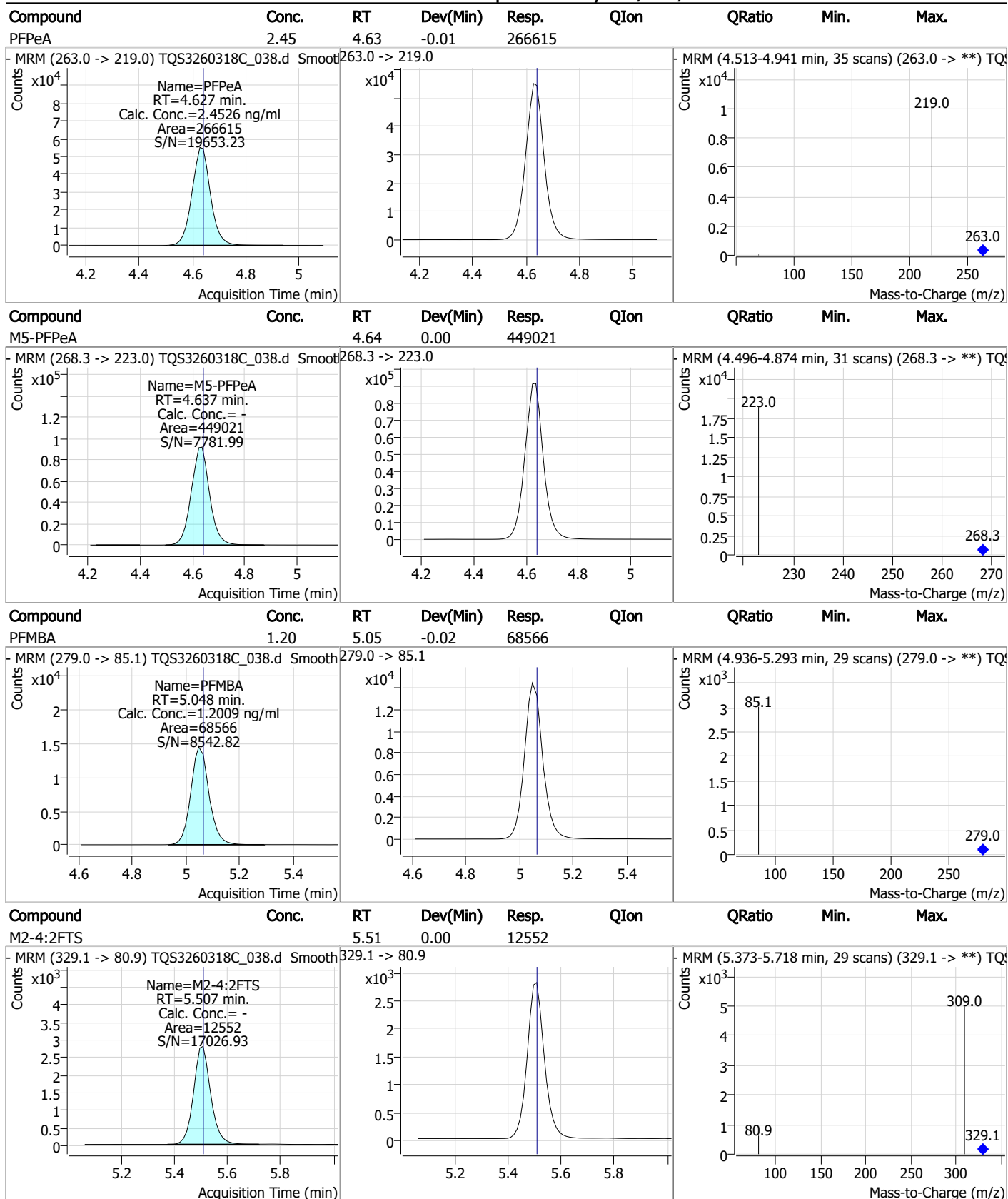
- MRM (2.998-3.476 min, 39 scans) (216.8 -> **) TQS3260318C_038.d



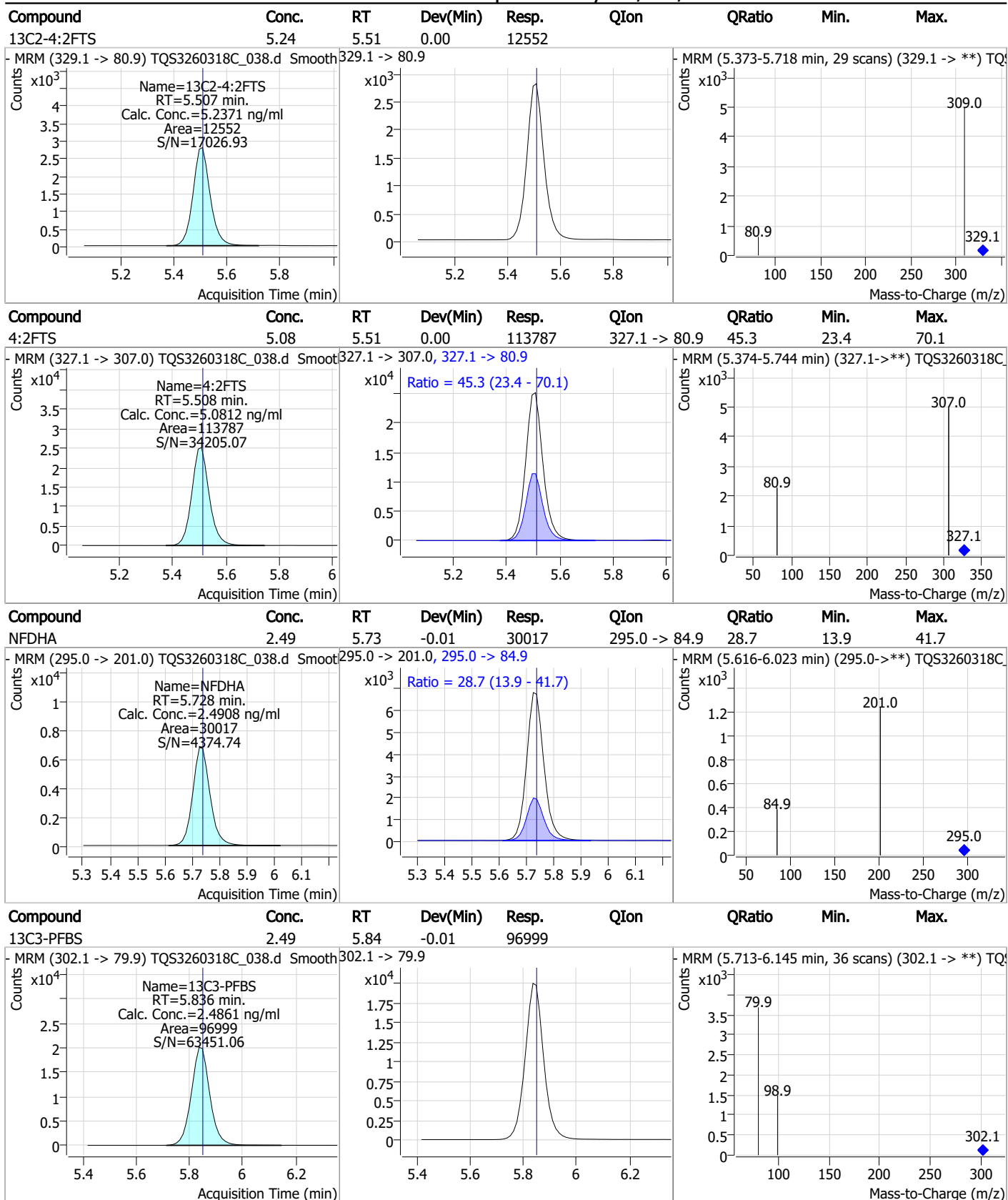
Perfluorinated Compounds by LC/MS/MS



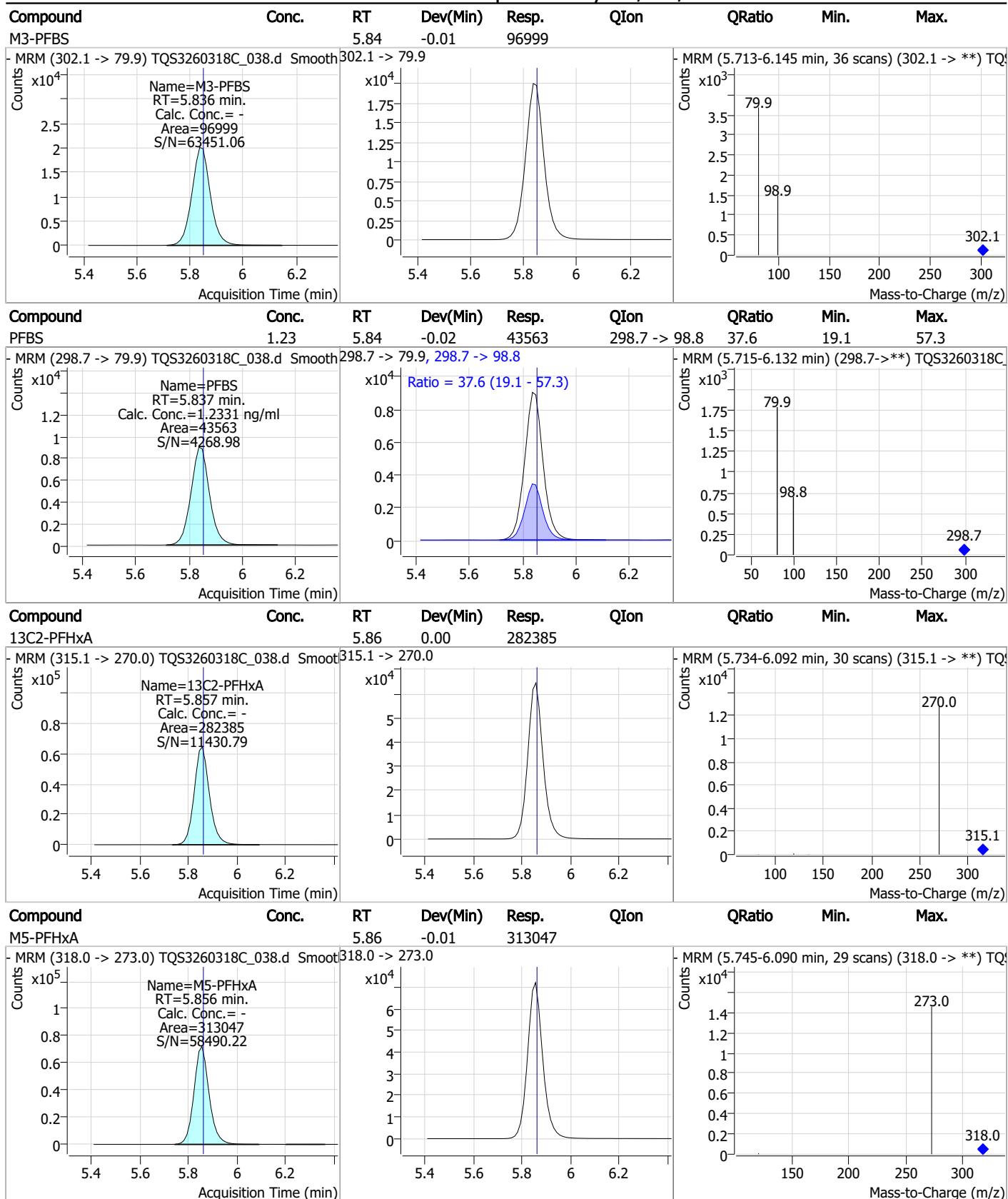
Perfluorinated Compounds by LC/MS/MS



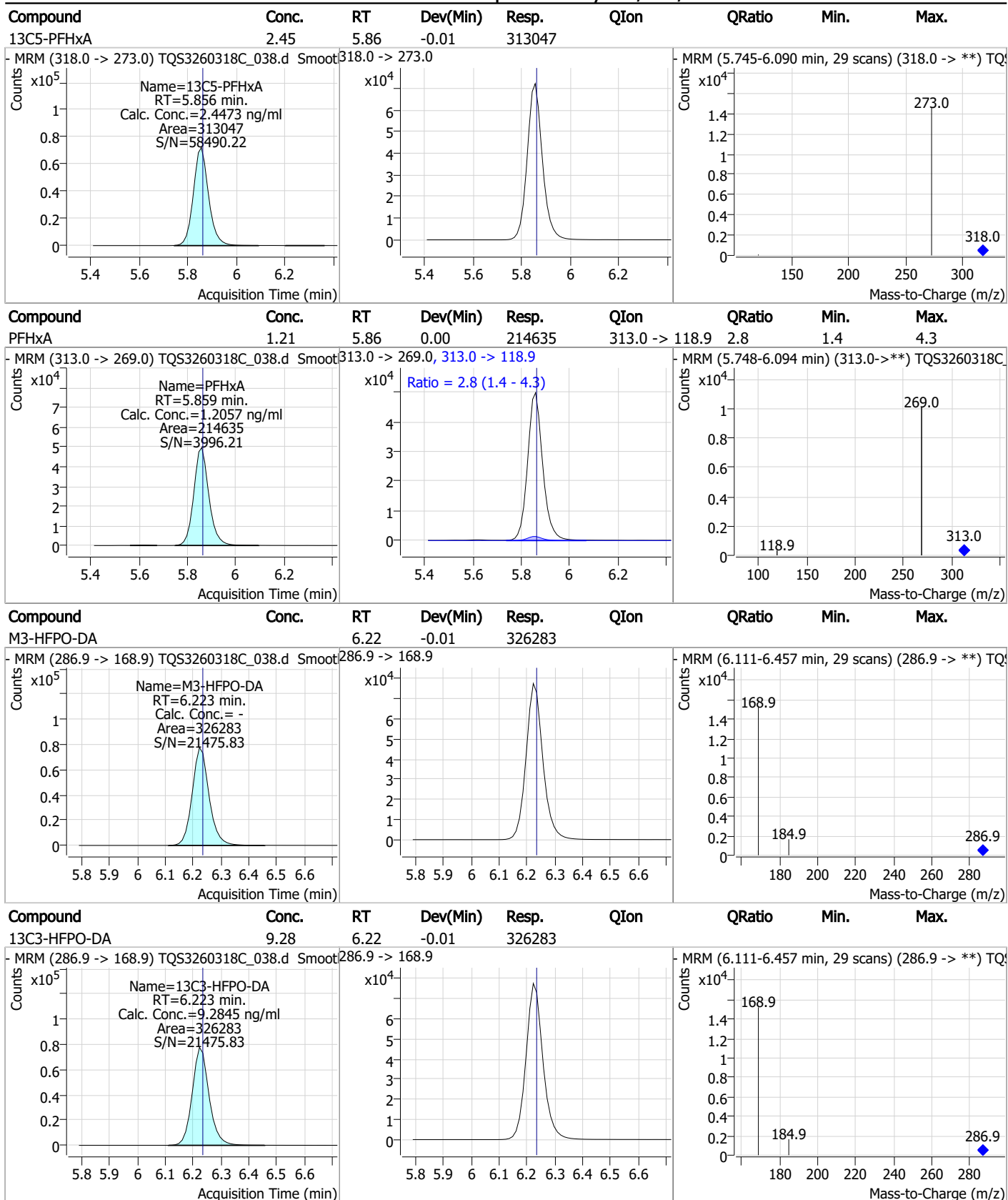
Perfluorinated Compounds by LC/MS/MS



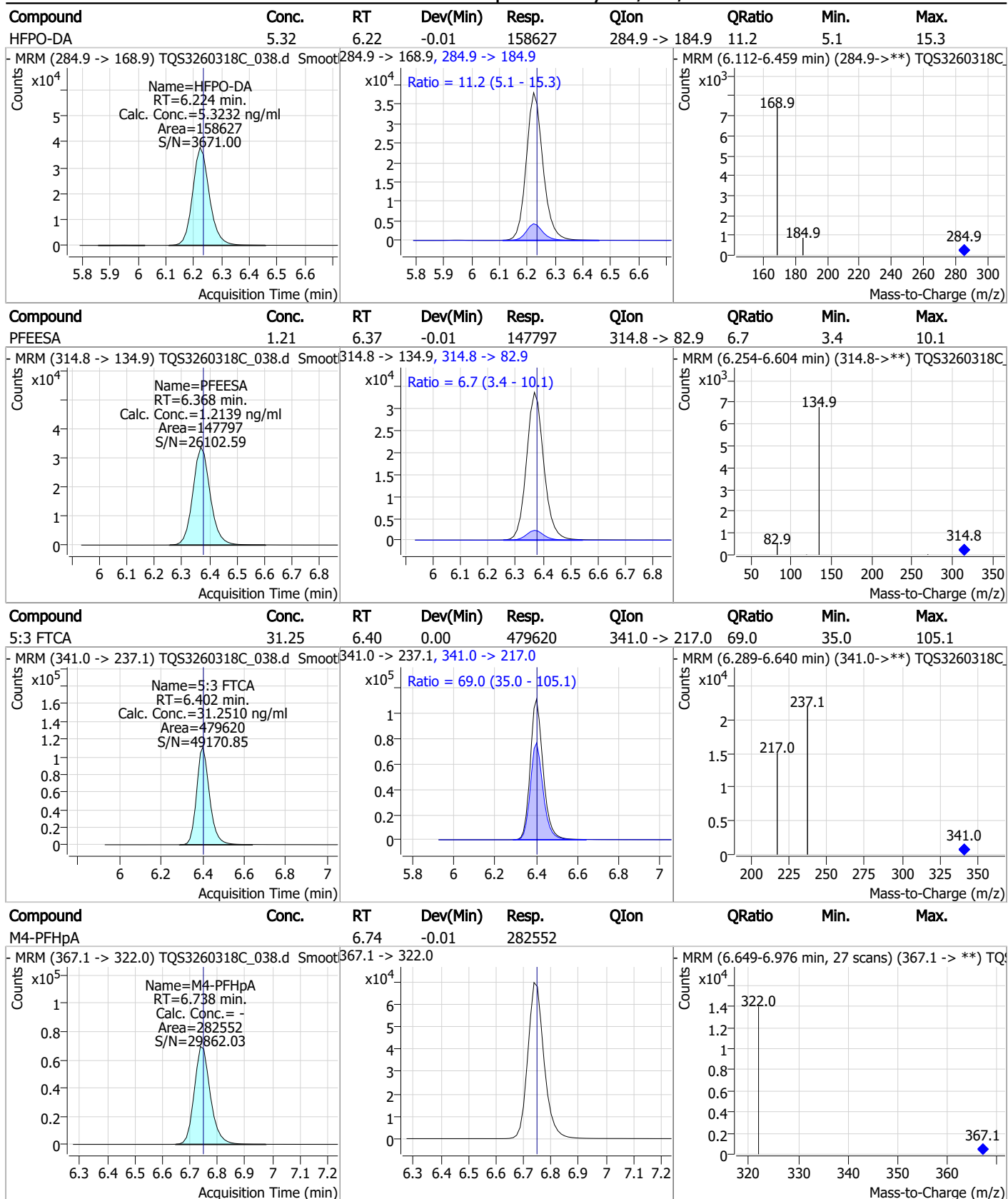
Perfluorinated Compounds by LC/MS/MS



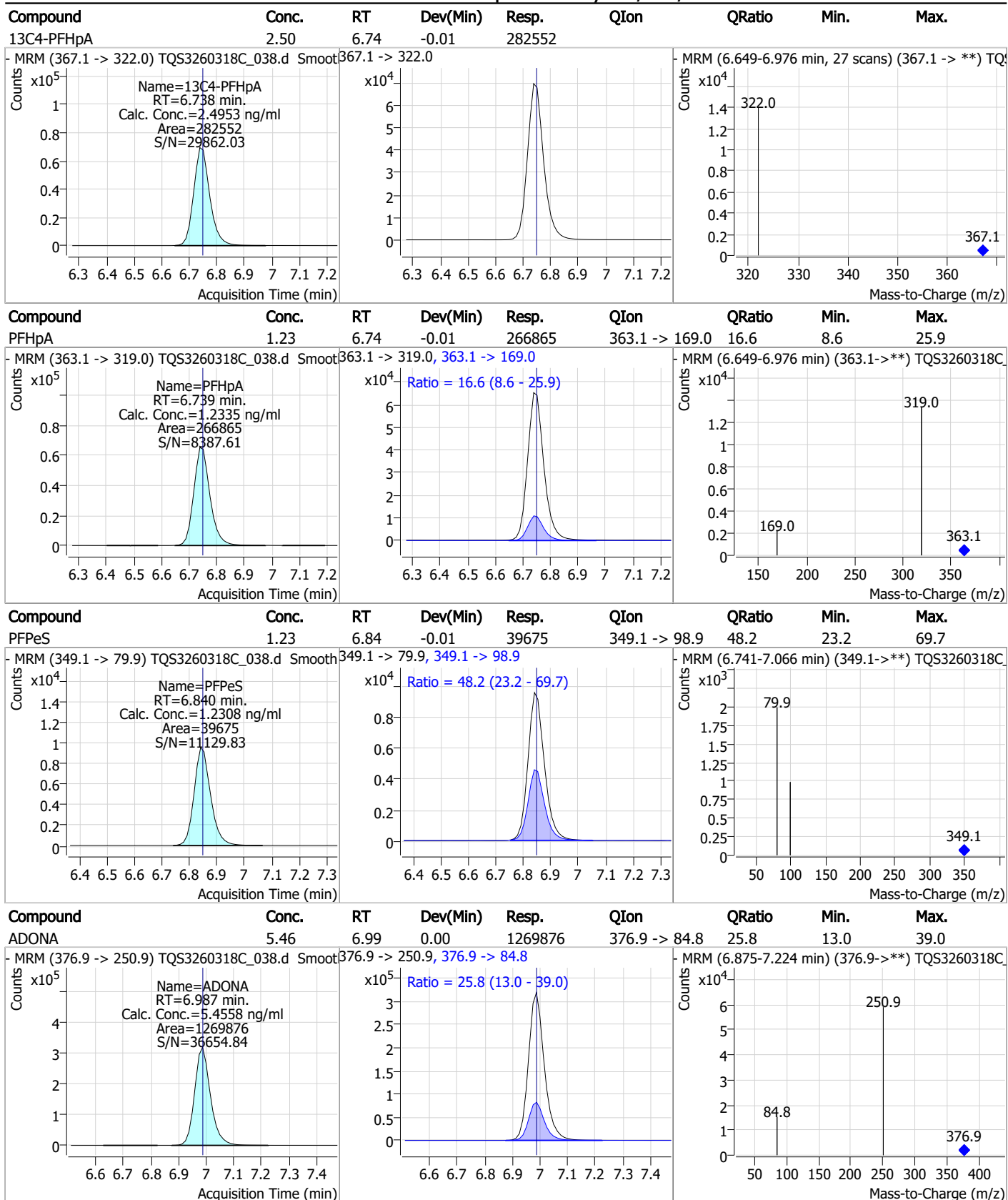
Perfluorinated Compounds by LC/MS/MS



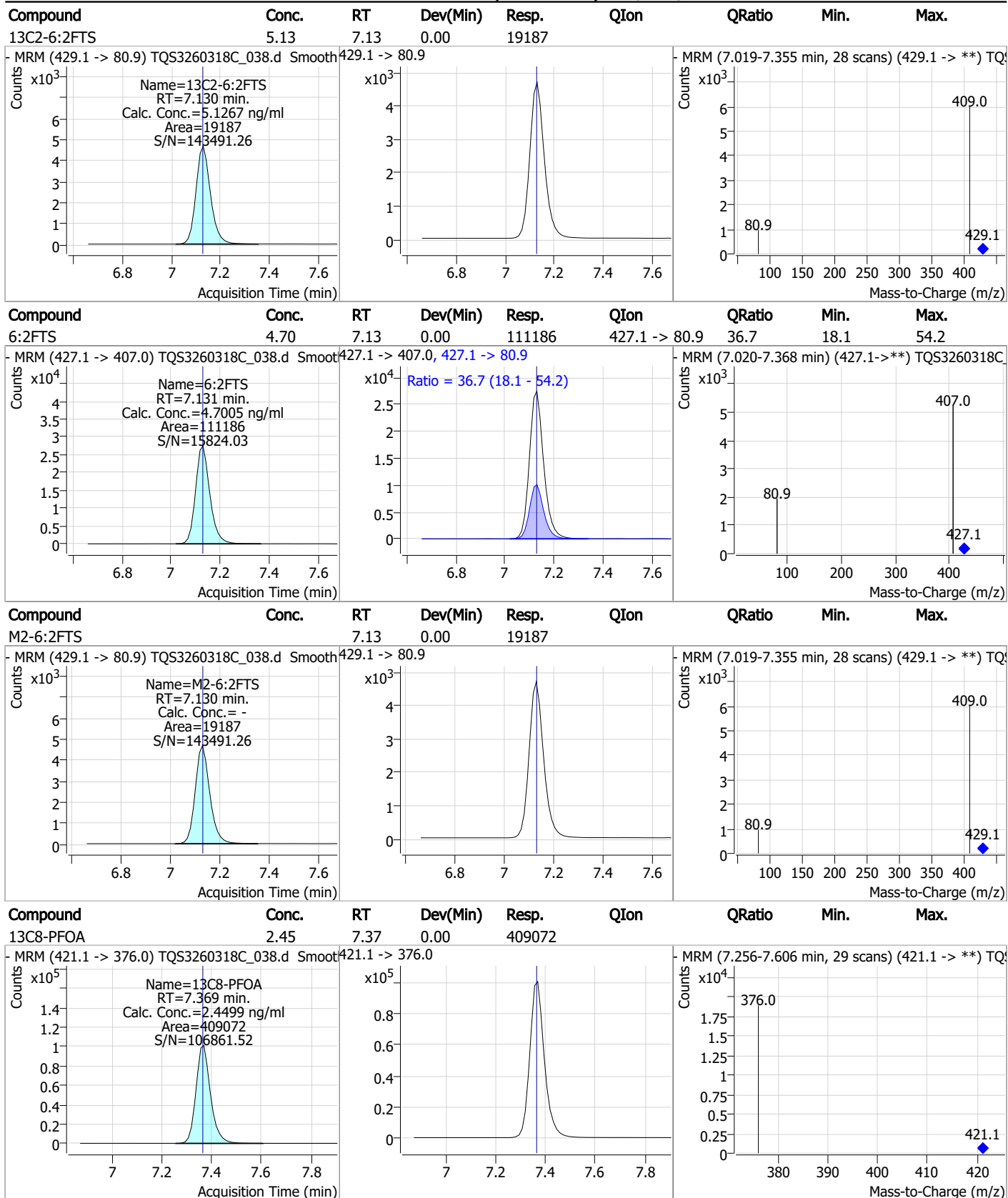
Perfluorinated Compounds by LC/MS/MS

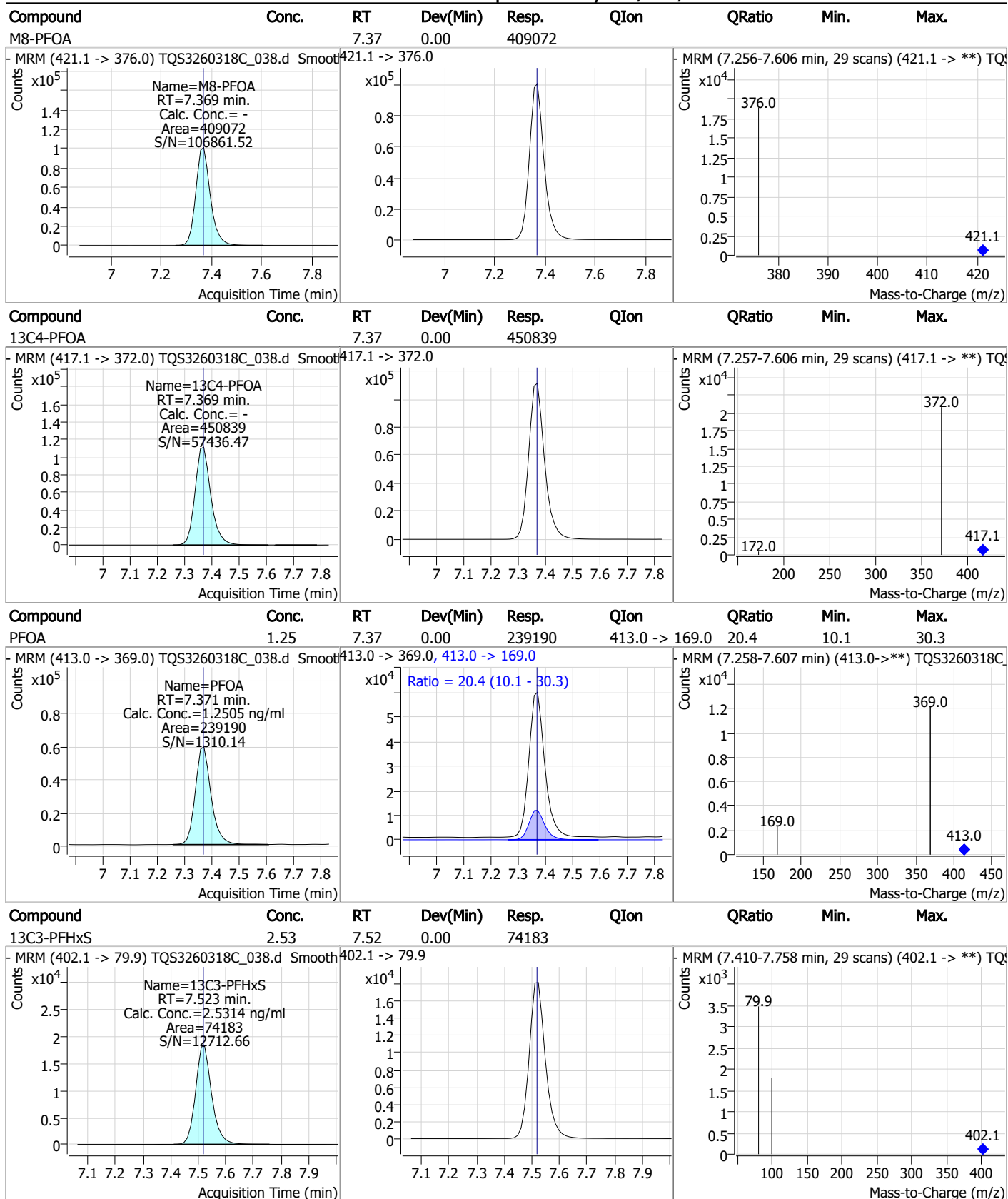


Perfluorinated Compounds by LC/MS/MS

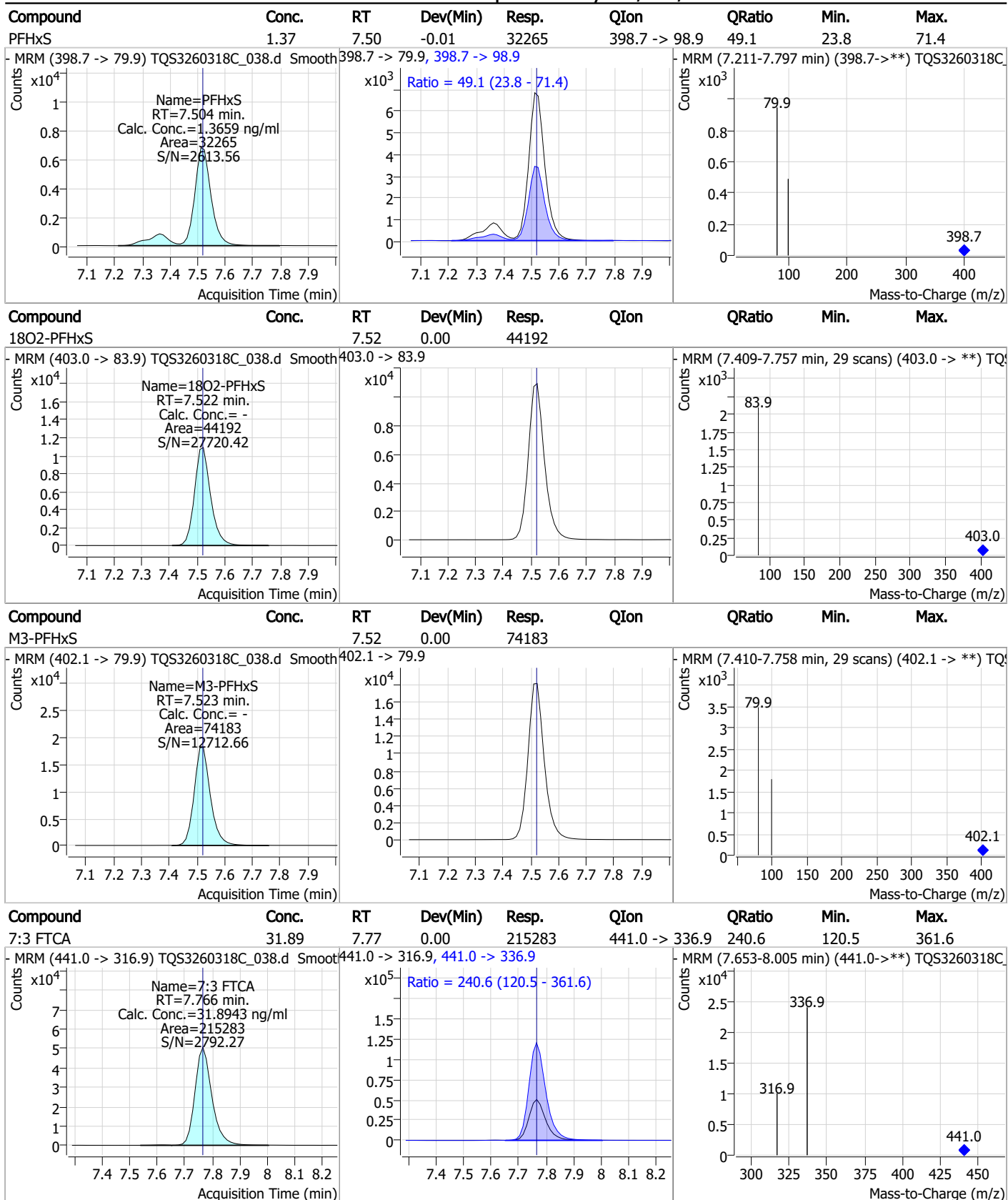


Perfluorinated Compounds by LC/MS/MS

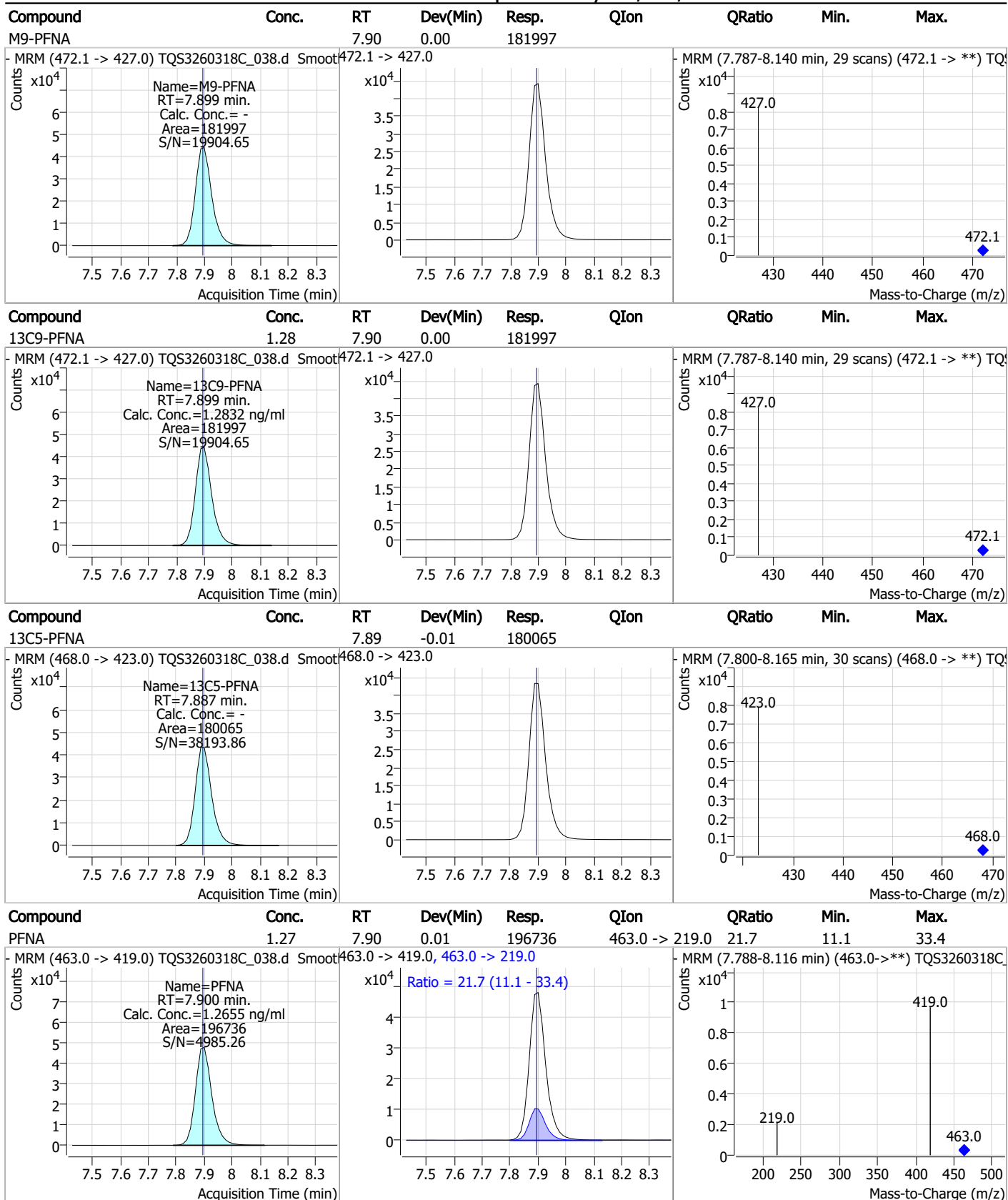




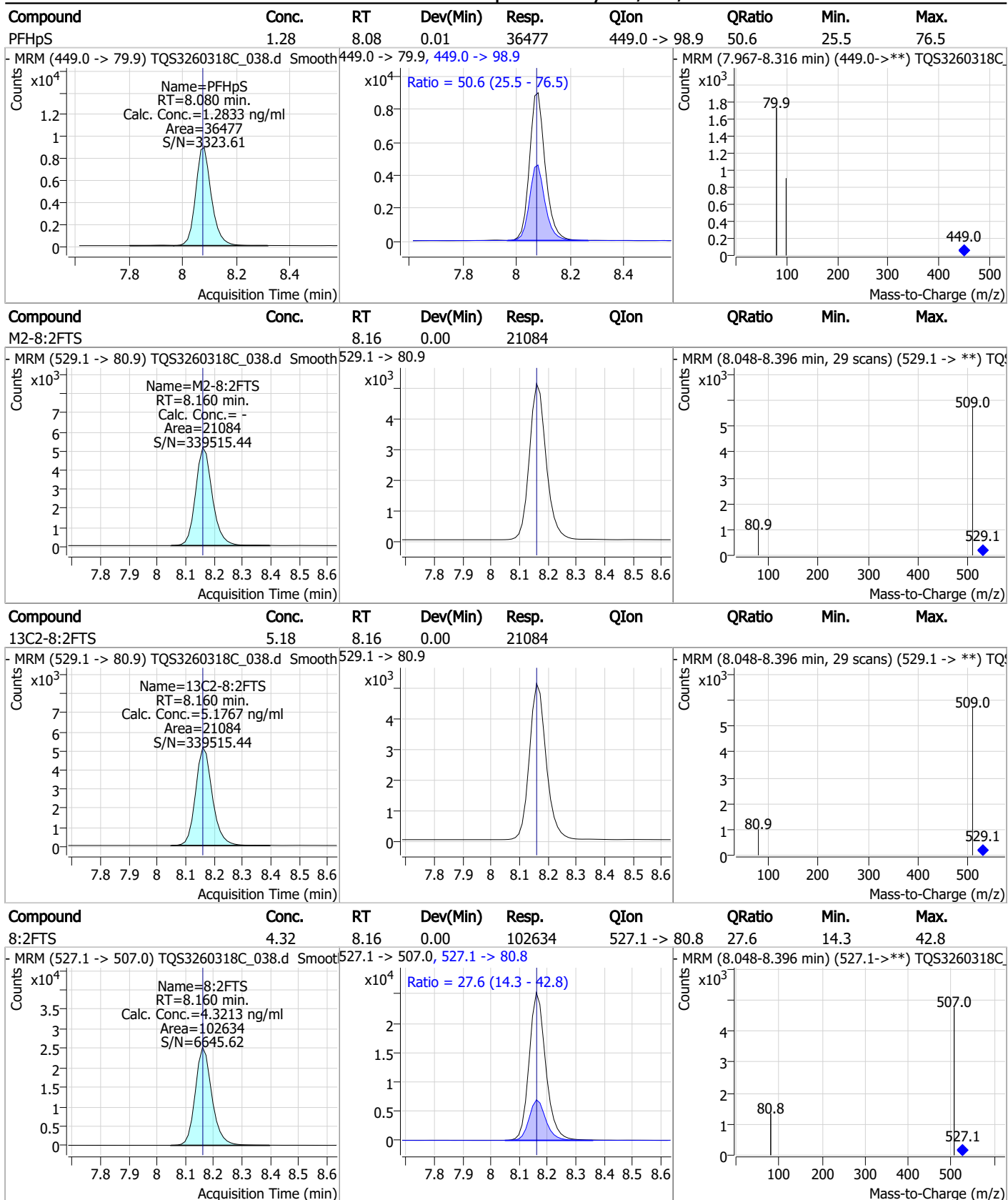
Perfluorinated Compounds by LC/MS/MS



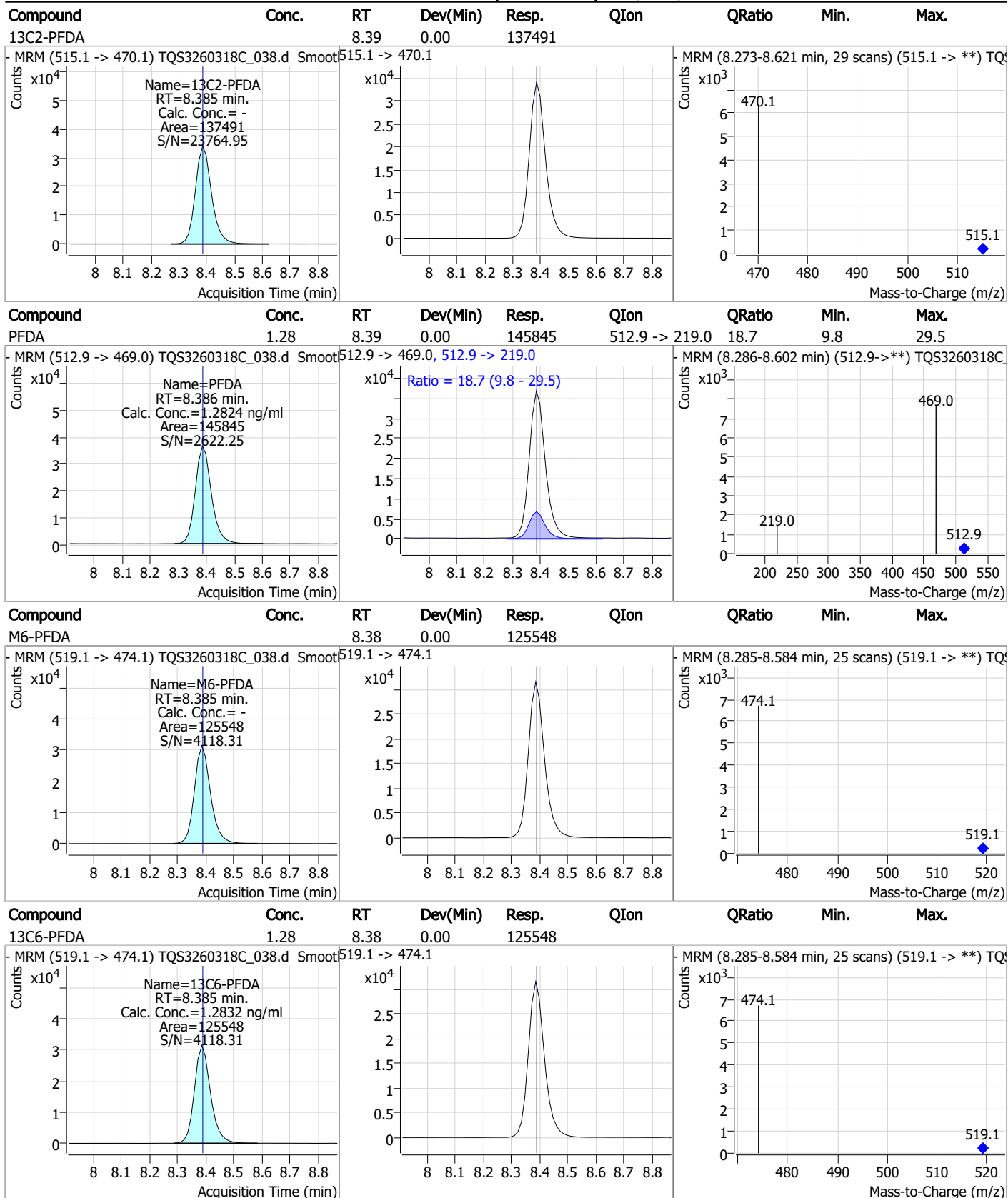
Perfluorinated Compounds by LC/MS/MS



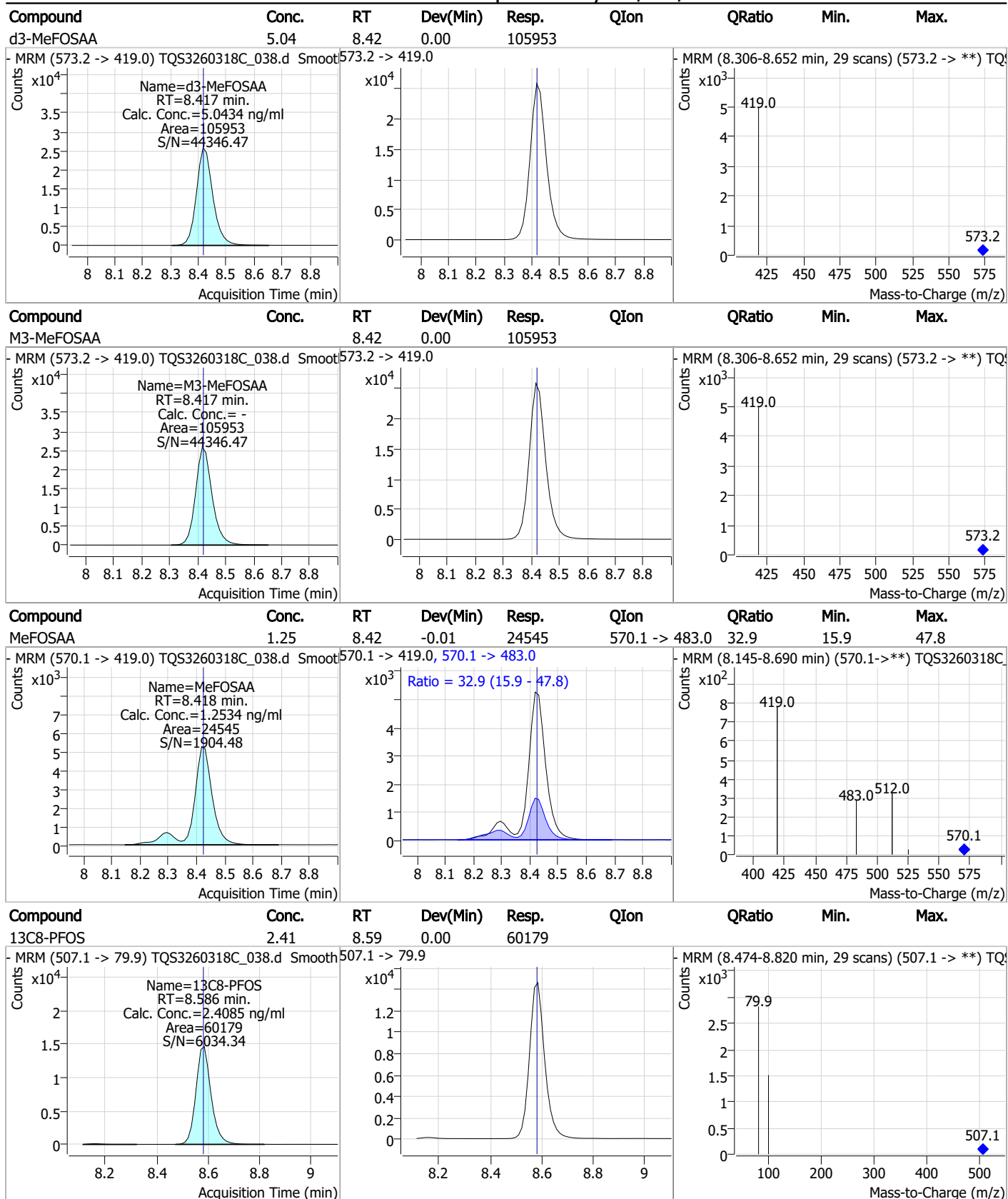
Perfluorinated Compounds by LC/MS/MS



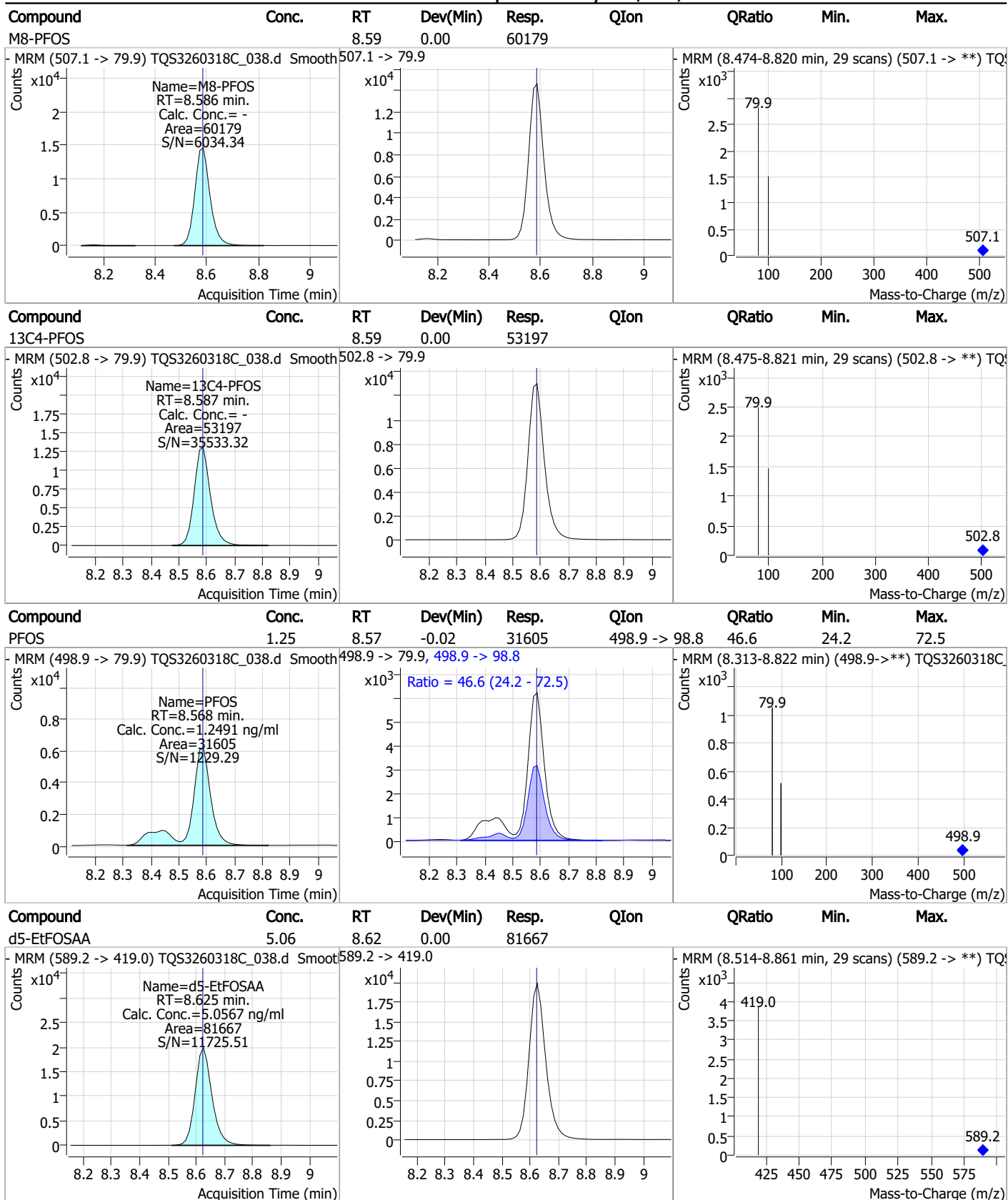
Perfluorinated Compounds by LC/MS/MS



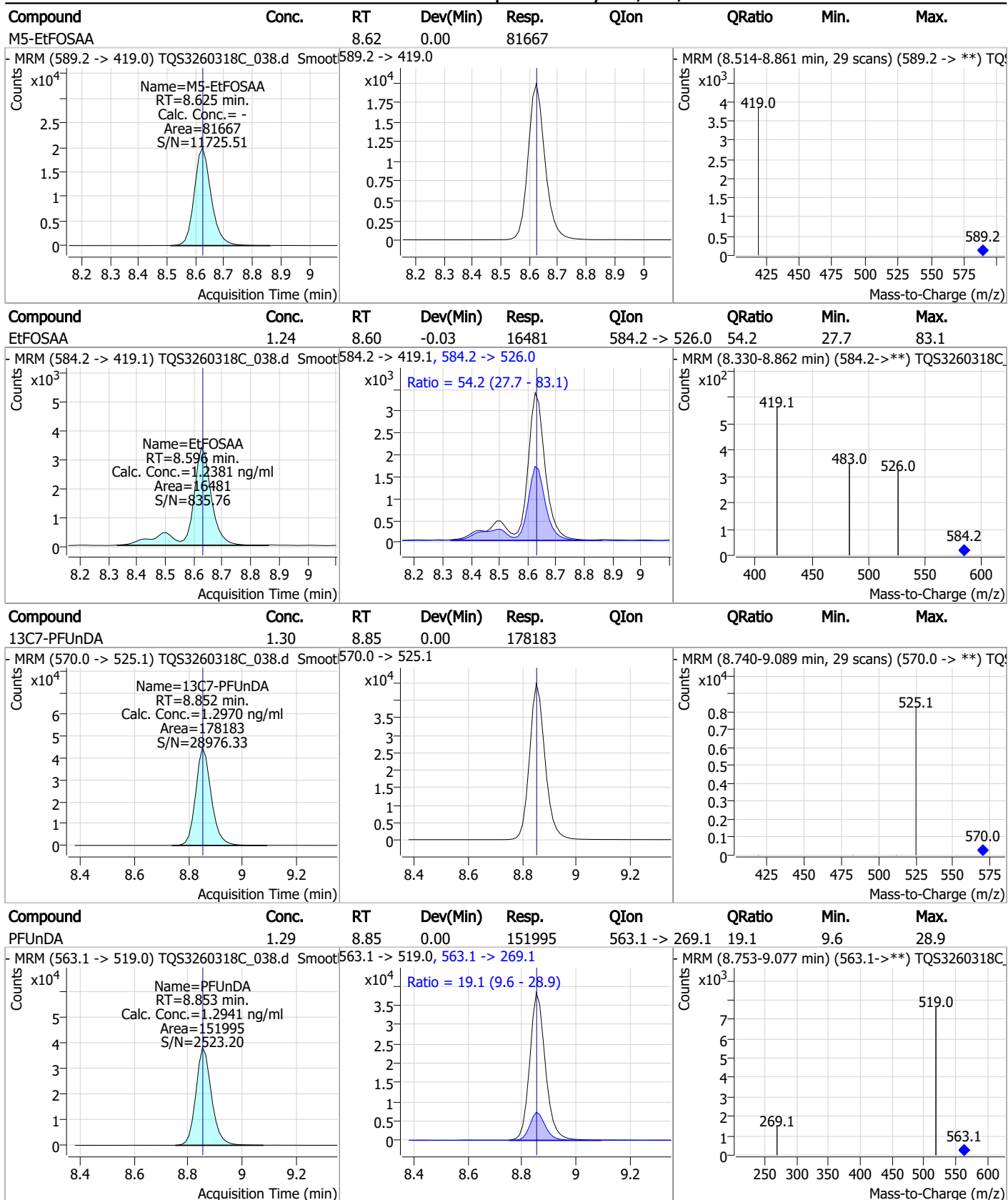
Perfluorinated Compounds by LC/MS/MS



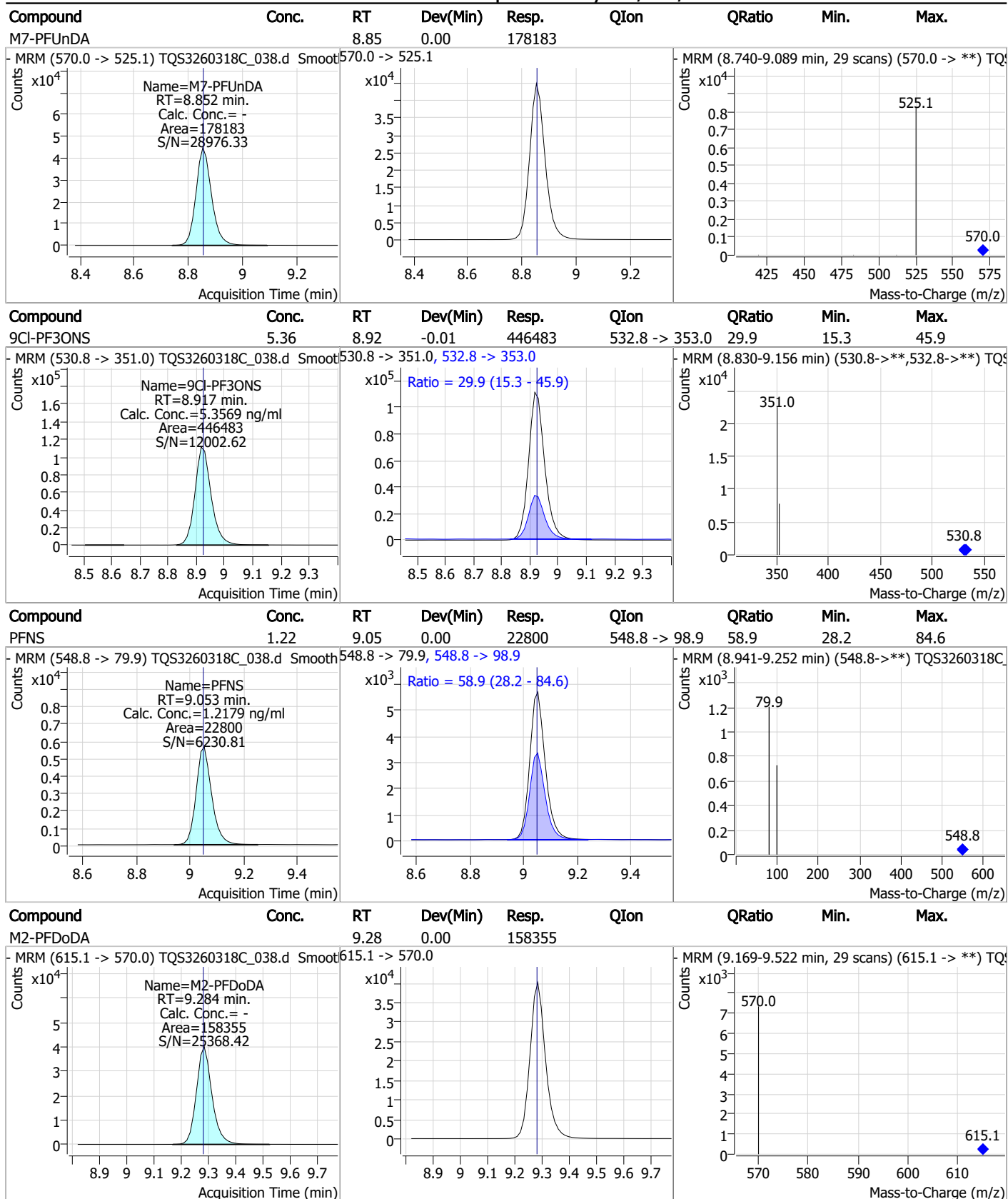
Perfluorinated Compounds by LC/MS/MS



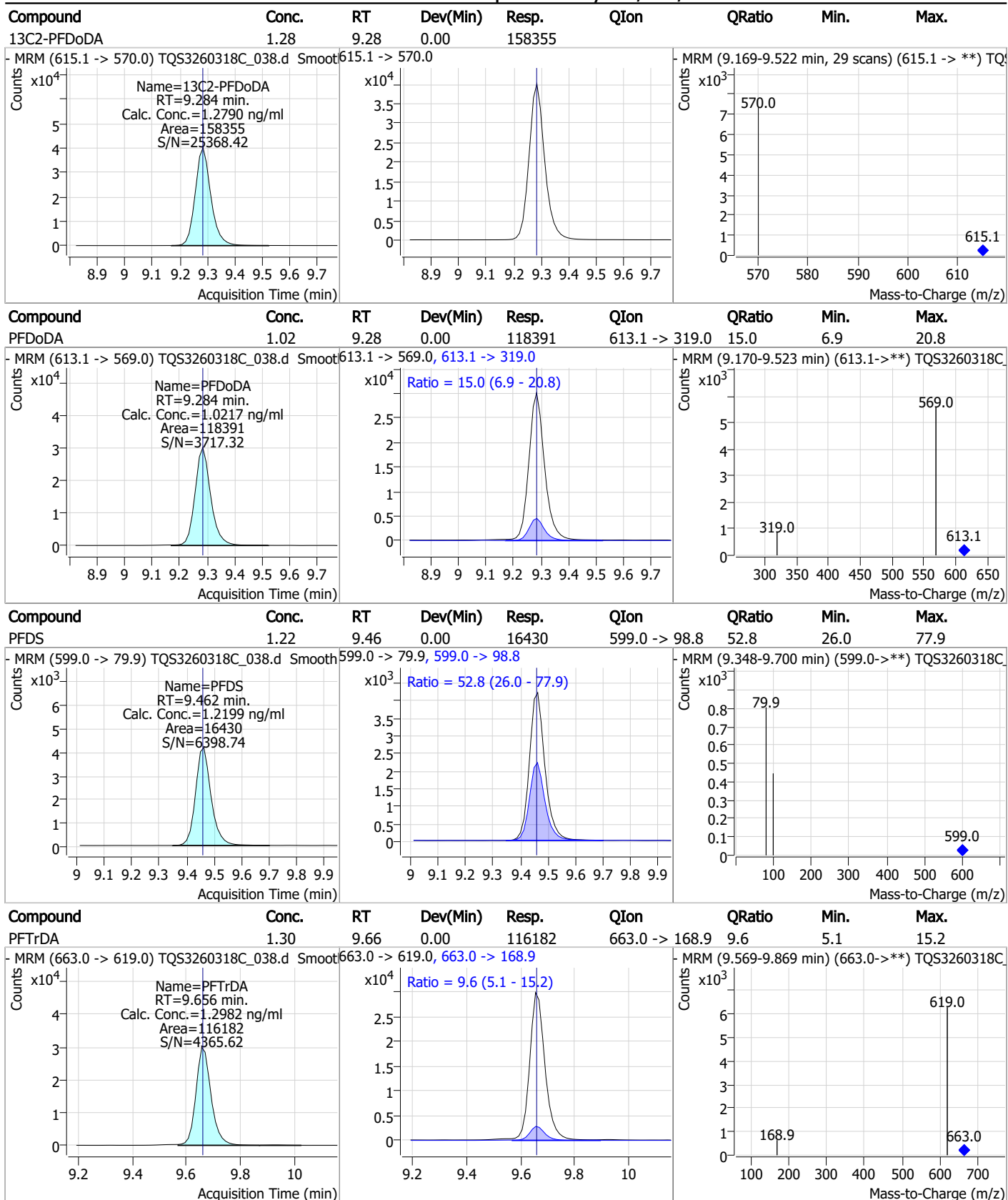
Perfluorinated Compounds by LC/MS/MS

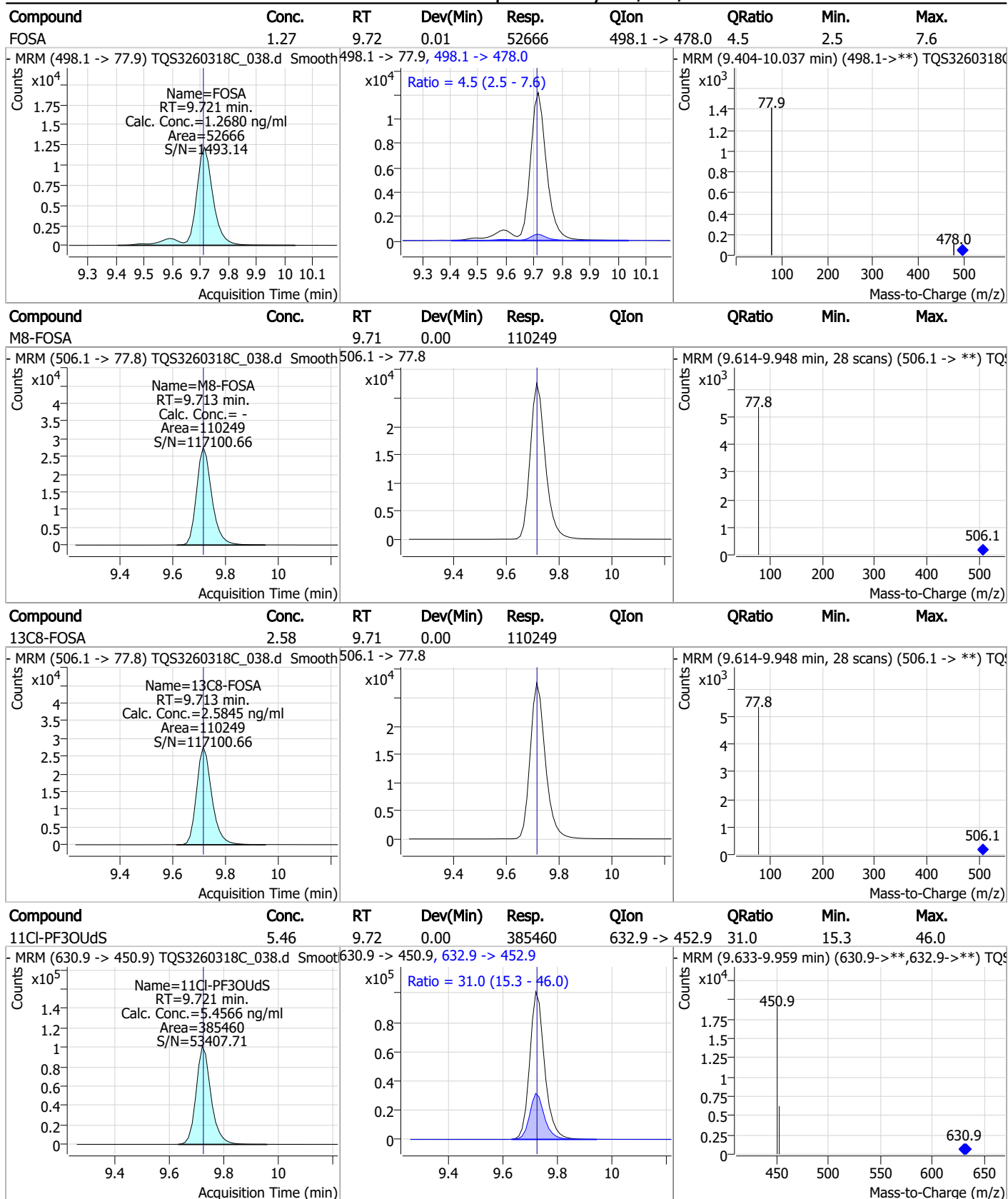


Perfluorinated Compounds by LC/MS/MS

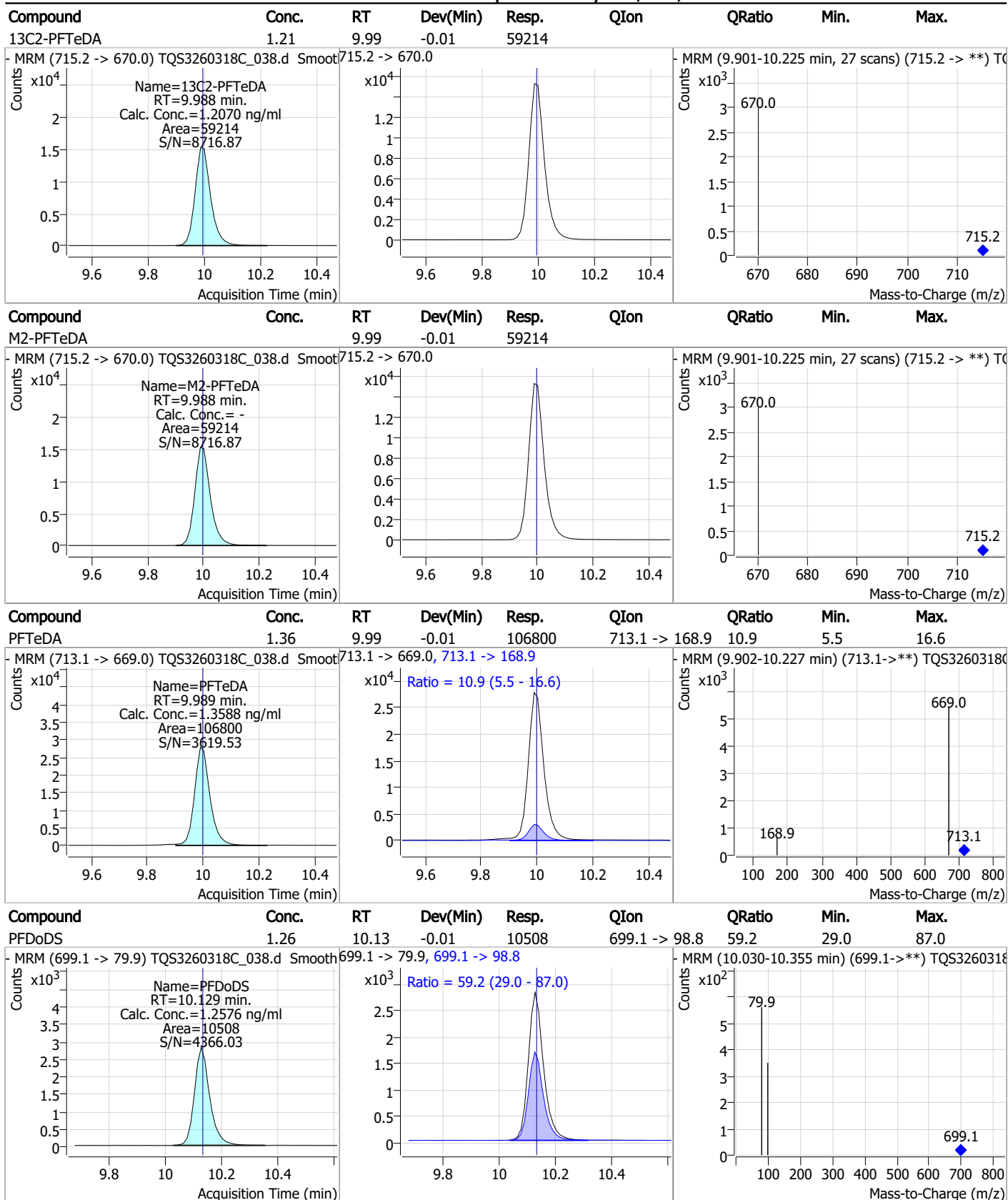


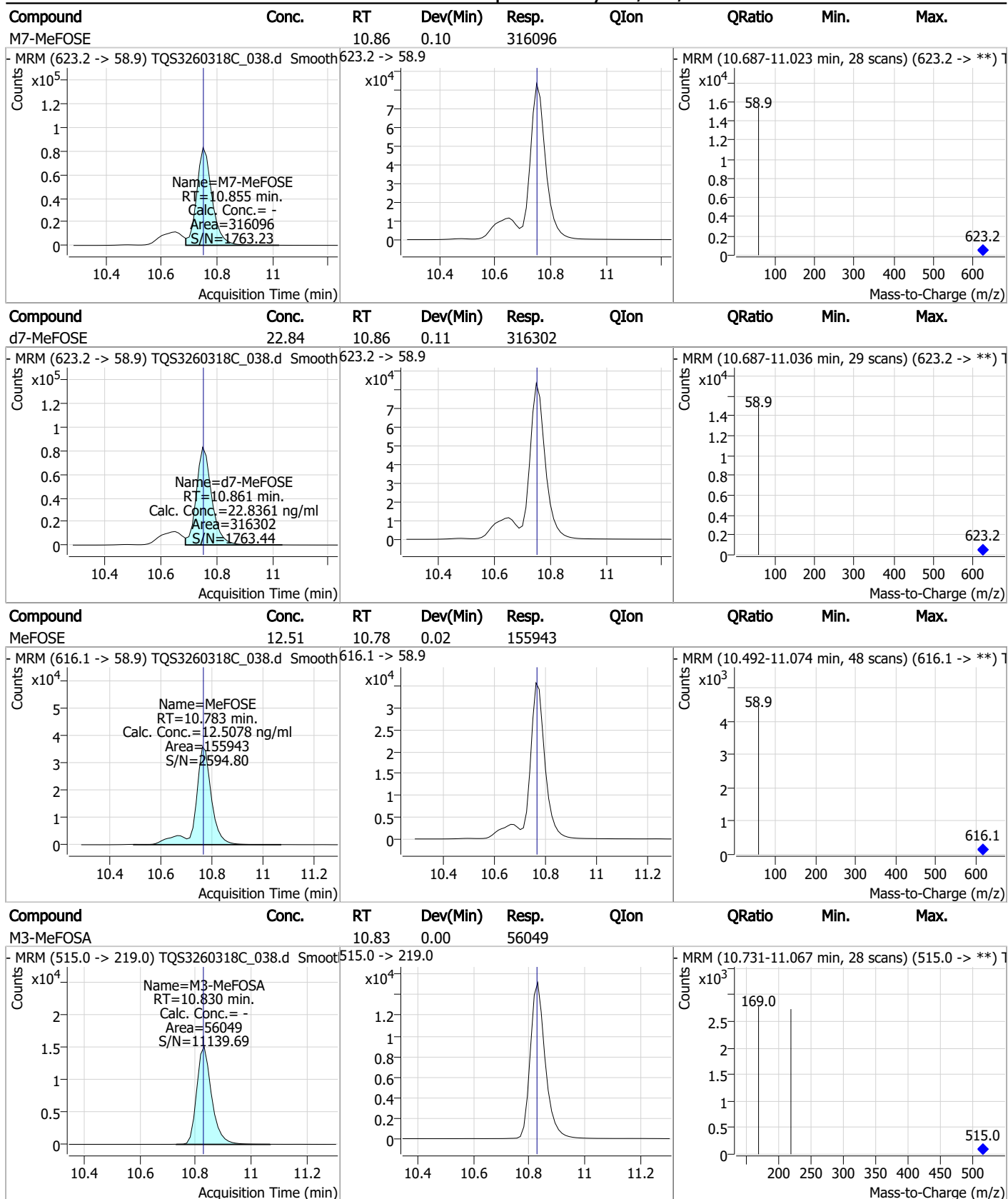
Perfluorinated Compounds by LC/MS/MS



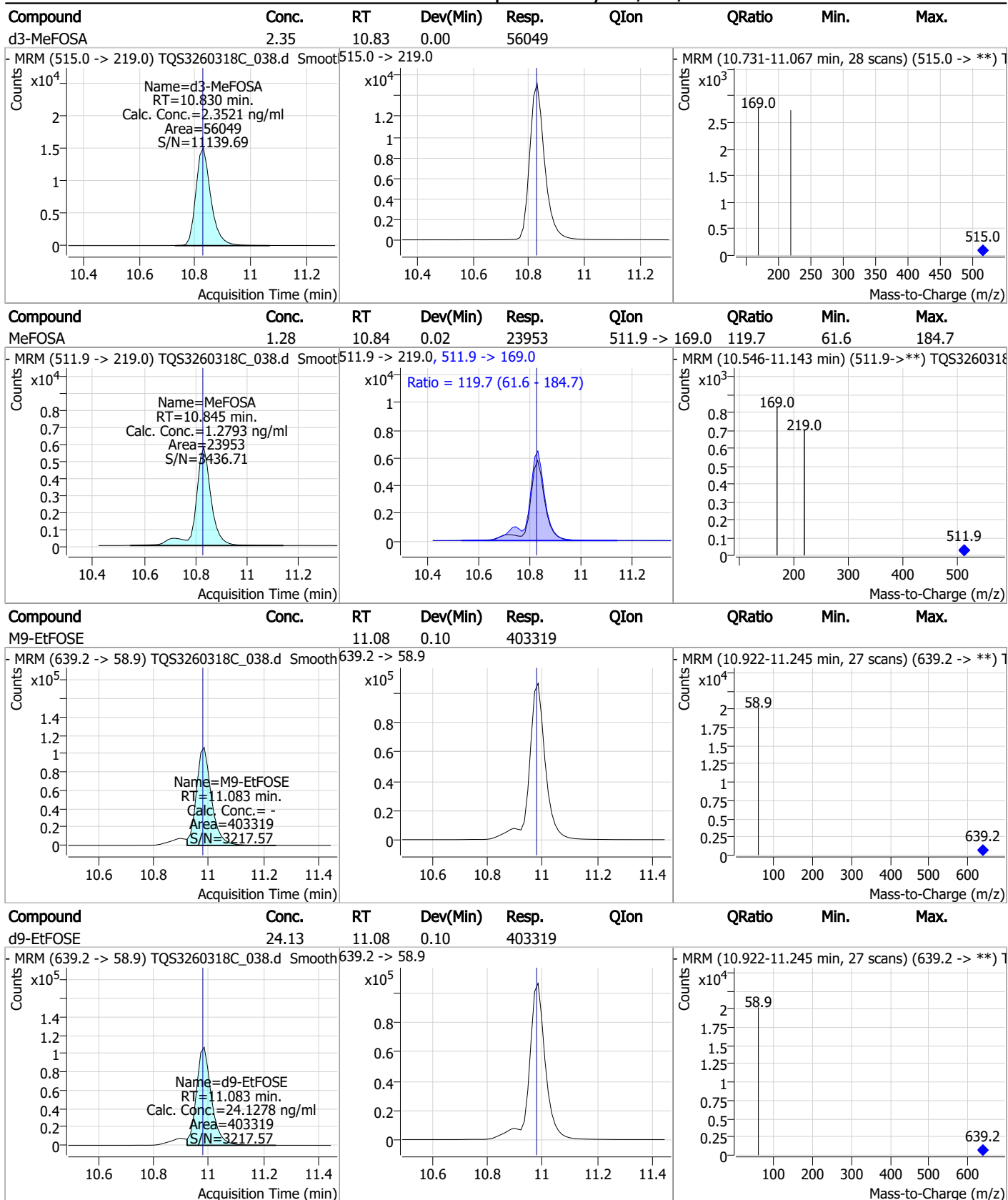


Perfluorinated Compounds by LC/MS/MS

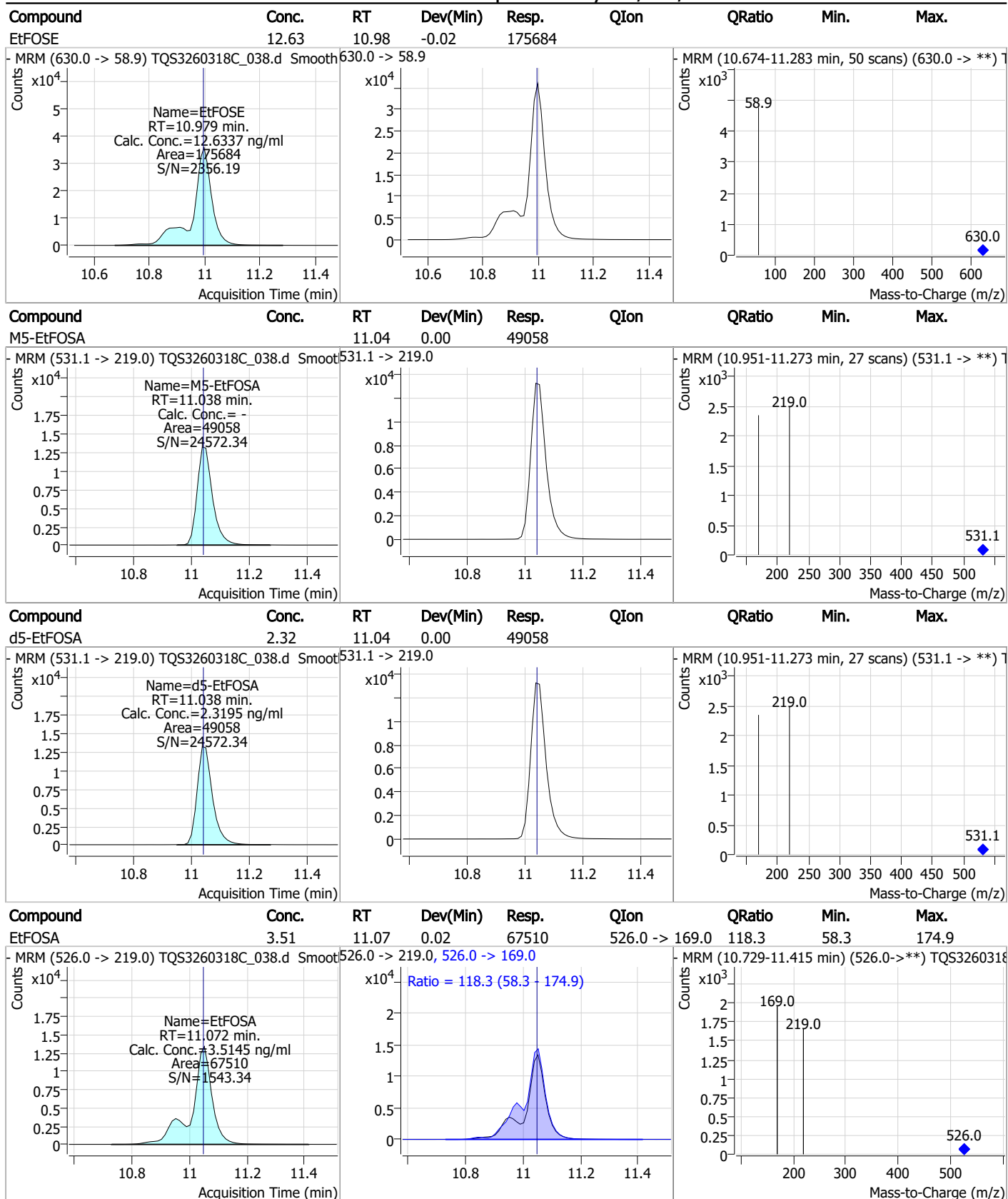




Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Data File : TQS3260318C_053.d
 Operator
 Acq. Method : EPA 1633.m
 Acq. Date-Time : 3/19/2026 11:40:44 AM
 Sample Name : CCV2
 Vial : P3-A7
 DA Method File : XLC3913 ICAL 1633 DATA ANALYSIS.m
 Batch Name : XLC3914_1633.batch.bin
 Sample Information : AXYS E 1.25ng/mL

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
Internal Standards					
13C2-PFDA	8.385	515.1 -> 470.1	137967	1.25 ng/ml	0.000
13C2-PFHxA	5.845	315.1 -> 270.0	283232	2.50 ng/ml	-0.017
13C3-PFBA	3.165	216.0 -> 172.0	435068	5.00 ng/ml	-0.009
13C4-PFOA	7.357	417.1 -> 372.0	466270	2.50 ng/ml	-0.011
13C4-PFOS	8.573	502.8 -> 79.9	53080	2.50 ng/ml	-0.012
13C5-PFNA	7.887	468.0 -> 423.0	190058	1.25 ng/ml	-0.007
18O2-PFHxS	7.510	403.0 -> 83.9	44888	2.50 ng/ml	-0.010
M2-4:2FTS	5.495	329.1 -> 80.9	12104	5.00 ng/ml	-0.013
M2-6:2FTS	7.118	429.1 -> 80.9	19440	5.00 ng/ml	-0.014
M2-8:2FTS	8.160	529.1 -> 80.9	21683	5.00 ng/ml	0.000
M2-PFDoDA	9.284	615.1 -> 570.0	154031	1.25 ng/ml	0.003
M2-PFTeDA	9.988	715.2 -> 670.0	64624	1.25 ng/ml	-0.009
M3-HFPO-DA	6.223	286.9 -> 168.9	308315	10.00 ng/ml	-0.012
M3-MeFOSA	10.830	515.0 -> 219.0	55490	2.50 ng/ml	0.003
M3-MeFOSAA	8.417	573.2 -> 419.0	113411	5.00 ng/ml	-0.004
M3-PFBS	5.836	302.1 -> 79.9	96518	2.50 ng/ml	-0.014
M3-PFHxS	7.511	402.1 -> 79.9	74889	2.50 ng/ml	-0.010
M4-PFBA	3.173	216.8 -> 171.9	1008587	10.00 ng/ml	0.000
M4-PFHpA	6.738	367.1 -> 322.0	278596	2.50 ng/ml	-0.011
M5-EtFOSA	11.050	531.1 -> 219.0	53598	2.50 ng/ml	0.009
M5-EtFOSAA	8.625	589.2 -> 419.0	88389	5.00 ng/ml	-0.001
M5-PFHxA	5.844	318.0 -> 273.0	316704	2.50 ng/ml	-0.018
M5-PFPeA	4.624	268.3 -> 223.0	454545	5.00 ng/ml	-0.017
M6-PFDA	8.385	519.1 -> 474.1	121279	1.25 ng/ml	-0.003
M7-MeFOSE	10.855	623.2 -> 58.9	284427	25.00 ng/ml	0.105
M7-PFUnDA	8.852	570.0 -> 525.1	174154	1.25 ng/ml	-0.002
M8-FOSA	9.713	506.1 -> 77.8	114623	2.50 ng/ml	-0.001
M8-PFOA	7.356	421.1 -> 376.0	431443	2.50 ng/ml	-0.011
M8-PFOS	8.572	507.1 -> 79.9	60812	2.50 ng/ml	-0.012
M9-EtFOSE	11.083	639.2 -> 58.9	393363	25.00 ng/ml	0.105
M9-PFNA	7.887	472.1 -> 427.0	180965	1.25 ng/ml	-0.007

System Monitoring Compounds

13C2-4:2FTS	5.495	329.1 -> 80.9	12104	4.97 ng/ml	-0.013
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 99.4%	
13C2-6:2FTS	7.118	429.1 -> 80.9	19440	5.11 ng/ml	-0.011
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 102.3%	
13C2-8:2FTS	8.160	529.1 -> 80.9	21683	5.24 ng/ml	0.000
Spiked Amount: 5.00	Range: 70.0 - 130.0%			Recovery = 104.8%	
13C2-PFDoDA	9.284	615.1 -> 570.0	154031	1.24 ng/ml	0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 99.2%	
13C2-PFTeDA	9.988	715.2 -> 670.0	64624	1.31 ng/ml	-0.008
Spiked Amount: 1.25	Range: 70.0 - 130.0%			Recovery = 105.0%	
13C3-HFPO-DA	6.223	286.9 -> 168.9	308315	8.75 ng/ml	-0.012
Spiked Amount: 10.00	Range: 70.0 - 130.0%			Recovery = 87.5%	
d3-MeFOSA	10.830	515.0 -> 219.0	55490	2.33 ng/ml	0.002

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Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp.	Symmetry	Conc. Units	Dev(Min)
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 93.4%	
d3-MeFOSAA	8.417	573.2 -> 419.0	113411		5.41 ng/ml	-0.001
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 108.2%	
13C3-PFBS	5.836	302.1 -> 79.9	96518		2.44 ng/ml	-0.014
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 97.4%	
13C3-PFHxS	7.511	402.1 -> 79.9	74889		2.52 ng/ml	-0.007
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 100.6%	
13C4-PFBA	3.168	216.8 -> 171.9	1017808		9.91 ng/ml	-0.004
Spiked Amount: 10.00	Range: 70.0 - 130.0%				Recovery = 99.1%	
13C4-PFHpA	6.738	367.1 -> 322.0	278596		2.45 ng/ml	-0.011
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 98.1%	
d5-EtFOSA	11.050	531.1 -> 219.0	53598		2.54 ng/ml	0.009
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 101.6%	
d5-EtFOSAA	8.625	589.2 -> 419.0	88389		5.48 ng/ml	0.002
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 109.7%	
13C5-PFHxA	5.844	318.0 -> 273.0	316704		2.47 ng/ml	-0.018
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 98.7%	
13C5-PFPeA	4.624	268.3 -> 223.0	454545		4.93 ng/ml	-0.015
Spiked Amount: 5.00	Range: 70.0 - 130.0%				Recovery = 98.6%	
13C6-PFDA	8.385	519.1 -> 474.1	121279		1.24 ng/ml	-0.003
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 98.8%	
d7-MeFOSE	10.861	623.2 -> 58.9	284636		20.60 ng/ml	0.110
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 82.4%	
13C7-PFUnDA	8.852	570.0 -> 525.1	174154		1.26 ng/ml	-0.001
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 101.1%	
13C8-FOSA	9.713	506.1 -> 77.8	114623		2.69 ng/ml	-0.001
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 107.7%	
13C8-PFOA	7.356	421.1 -> 376.0	431443		2.50 ng/ml	-0.008
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 99.9%	
13C8-PFOS	8.572	507.1 -> 79.9	60812		2.44 ng/ml	-0.010
Spiked Amount: 2.50	Range: 70.0 - 130.0%				Recovery = 97.6%	
d9-EtFOSE	11.083	639.2 -> 58.9	393363		23.58 ng/ml	0.105
Spiked Amount: 25.00	Range: 70.0 - 130.0%				Recovery = 94.3%	
13C9-PFNA	7.887	472.1 -> 427.0	180965		1.21 ng/ml	-0.007
Spiked Amount: 1.25	Range: 70.0 - 130.0%				Recovery = 96.7%	

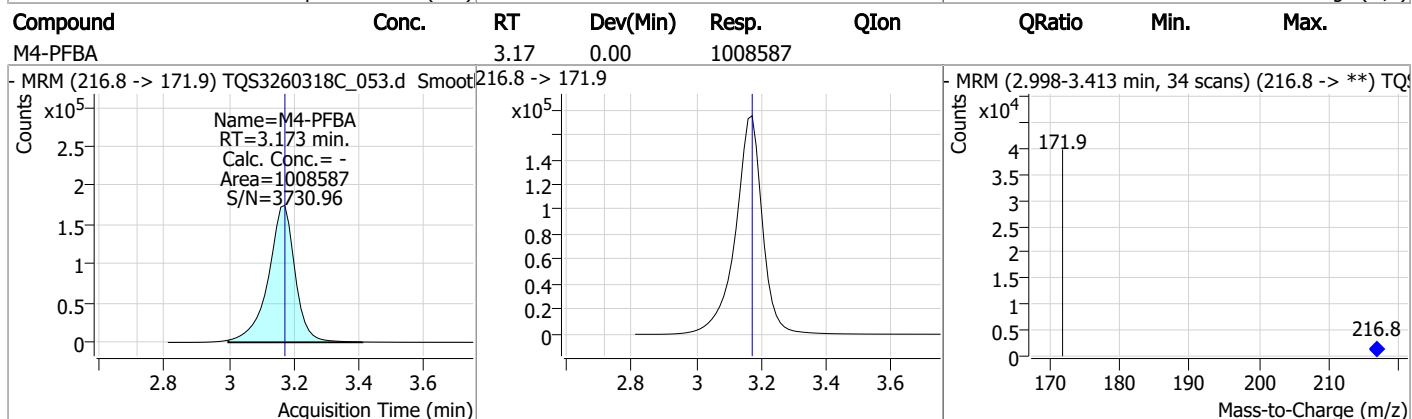
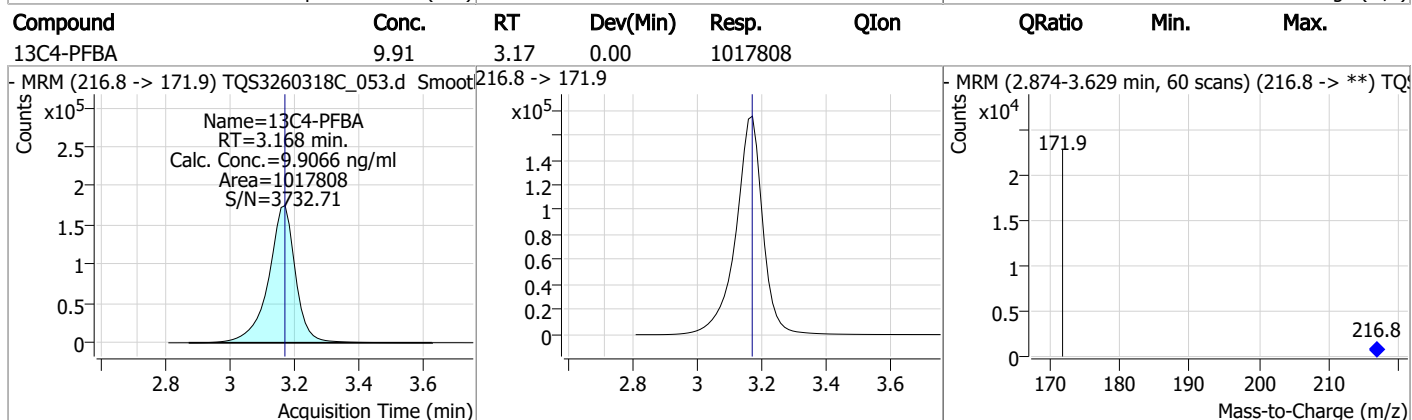
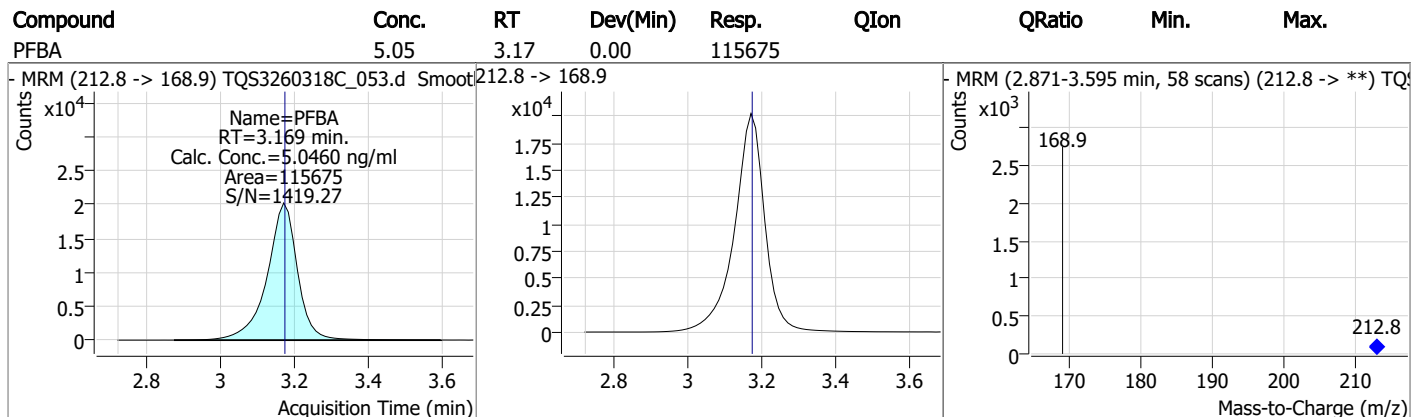
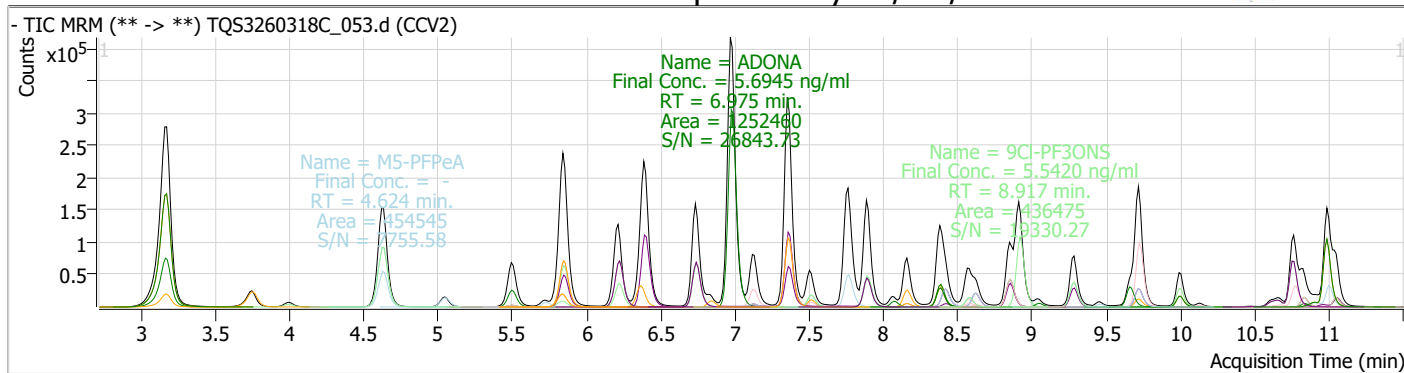
Target Compounds

						QValue
11CI-PF3OUdS	9.721	630.9 -> 450.9	385652		5.78 ng/ml	100
TDCA	-	498.9 -> 79.9	-	-	N.D.	
3:3 FTCA	3.997	241.0 -> 177.0	21160		4.84 ng/ml	100
4:2FTS	5.496	327.1 -> 307.0	114631		5.31 ng/ml	98
5:3 FTCA	6.390	341.0 -> 237.1	487289		31.38 ng/ml	99
6:2FTS	7.118	427.1 -> 407.0	112325		4.69 ng/ml	99
7:3 FTCA	7.766	441.0 -> 316.9	218039		31.93 ng/ml	99
8:2FTS	8.160	527.1 -> 507.0	105995		4.34 ng/ml	95
9CI-PF3ONS	8.917	530.8 -> 351.0	436475		5.54 ng/ml	99
ADONA	6.975	376.9 -> 250.9	1252460		5.69 ng/ml	100
EtFOSA	11.072	526.0 -> 219.0	72847		3.47 ng/ml	97
EtFOSAA	8.596	584.2 -> 419.1	17083		1.19 ng/ml	95
EtFOSE	10.979	630.0 -> 58.9	167739		12.37 ng/ml	100
FOSA	9.721	498.1 -> 77.9	54668		1.27 ng/ml	98
HFPO-DA	6.224	284.9 -> 168.9	154076		5.47 ng/ml	100
MeFOSA	10.845	511.9 -> 219.0	23245		1.25 ng/ml	98
MeFOSAA	8.418	570.1 -> 419.0	24568		1.17 ng/ml	96
MeFOSE	10.783	616.1 -> 58.9	144717		12.90 ng/ml	100
NFDHA	5.728	295.0 -> 201.0	30432		2.50 ng/ml	100
PFBA	3.169	212.8 -> 168.9	115675		5.05 ng/ml	100

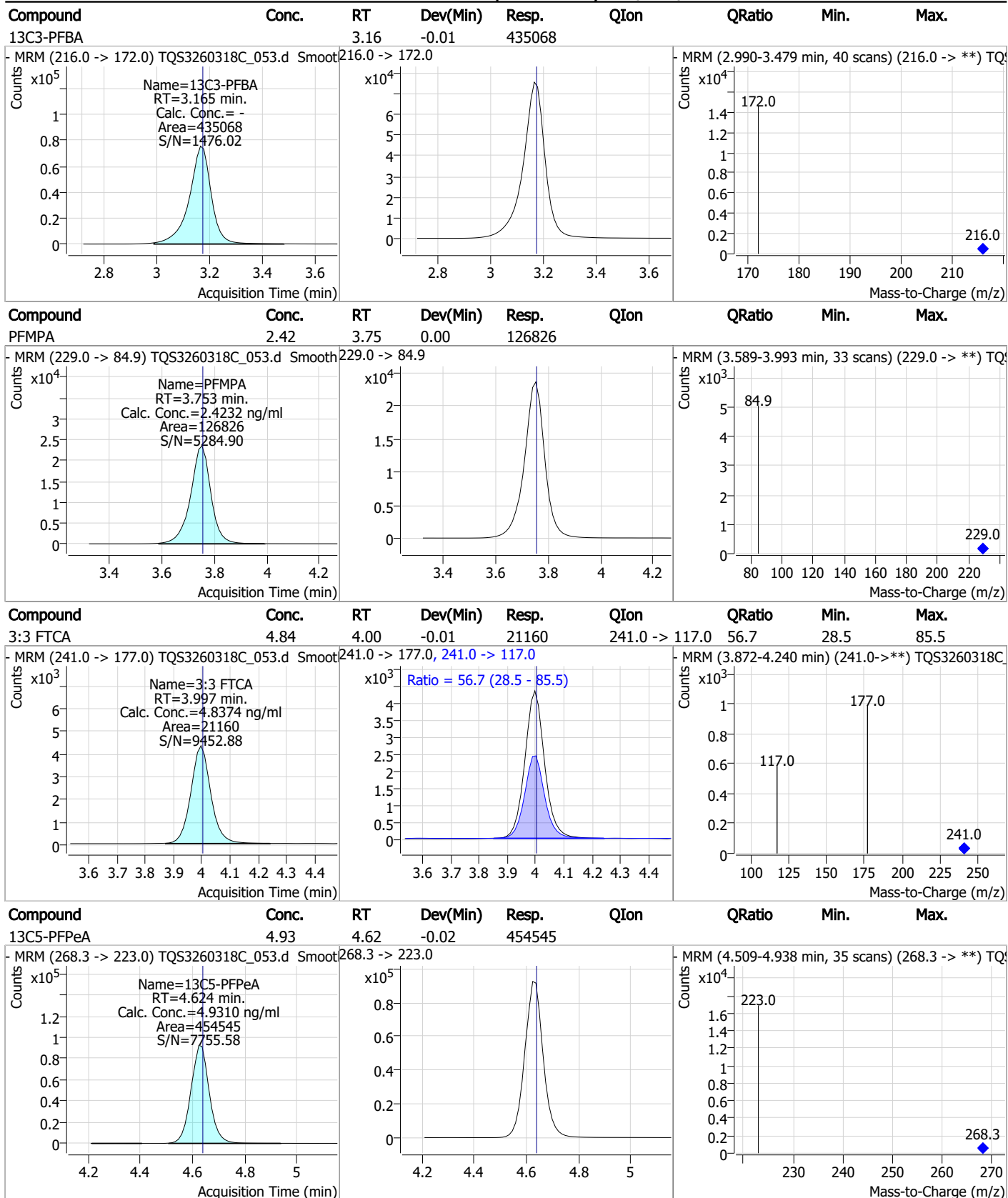
Perfluorinated Compounds by LC/MS/MS

Compound	RT	QIon	Resp. Symmetry	Conc. Units	Dev(Min)
PFBS	5.837	298.7 -> 79.9	43894	1.25 ng/ml	98
PFDA	8.386	512.9 -> 469.0	141649	1.29 ng/ml	100
PFDoDA	9.284	613.1 -> 569.0	117551	1.04 ng/ml	100
PFDoDS	10.129	699.1 -> 79.9	10544	1.25 ng/ml	96
PFDS	9.462	599.0 -> 79.9	16907	1.24 ng/ml	99
PFEESA	6.368	314.8 -> 134.9	145071	1.18 ng/ml	99
PFHpA	6.739	363.1 -> 319.0	272448	1.28 ng/ml	98
PFHpS	8.068	449.0 -> 79.9	36280	1.26 ng/ml	99
PFHxA	5.846	313.0 -> 269.0	215876	1.20 ng/ml	100
PFHxS	7.504	398.7 -> 79.9	33269	1.40 ng/ml	100
PFMBA	5.048	279.0 -> 85.1	68481	1.18 ng/ml	100
PFMPA	3.753	229.0 -> 84.9	126826	2.42 ng/ml	100
PFNA	7.888	463.0 -> 419.0	195317	1.26 ng/ml	99
PFNS	9.040	548.8 -> 79.9	23260	1.23 ng/ml	97
PFOA	7.358	413.0 -> 369.0	248000	1.23 ng/ml	99
PFOS	8.568	498.9 -> 79.9	30547	1.19 ng/ml	99
PFPeA	4.627	263.0 -> 219.0	266300	2.42 ng/ml	100
PFPeS	6.840	349.1 -> 79.9	38984	1.20 ng/ml	98
PFTeDA	9.989	713.1 -> 669.0	110906	1.29 ng/ml	100
PFTTrDA	9.656	663.0 -> 619.0	122135	1.40 ng/ml	99
PFUnDA	8.853	563.1 -> 519.0	148840	1.30 ng/ml	100

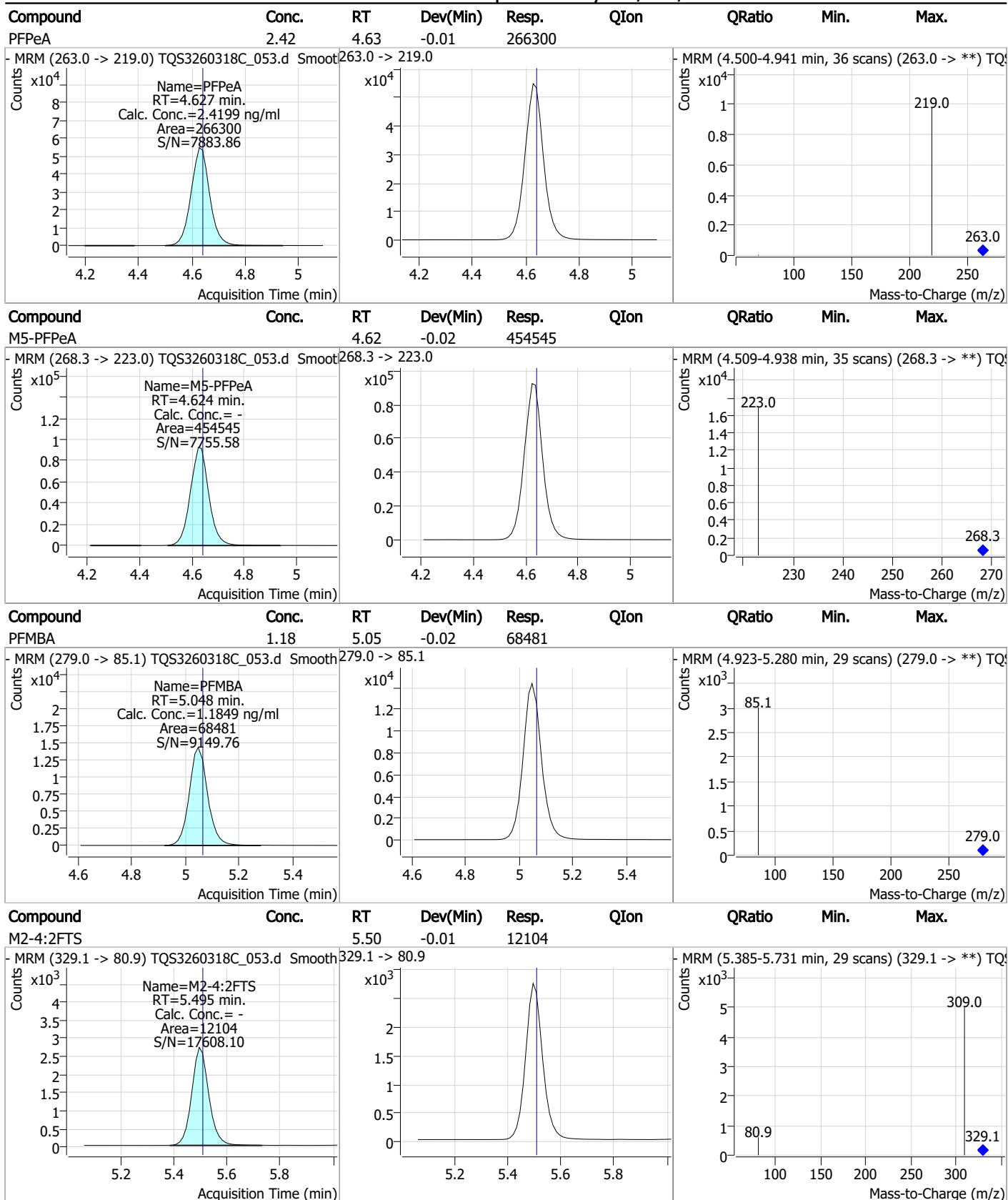
= Qualifier out of range, m = manually integrated, + = Area summed



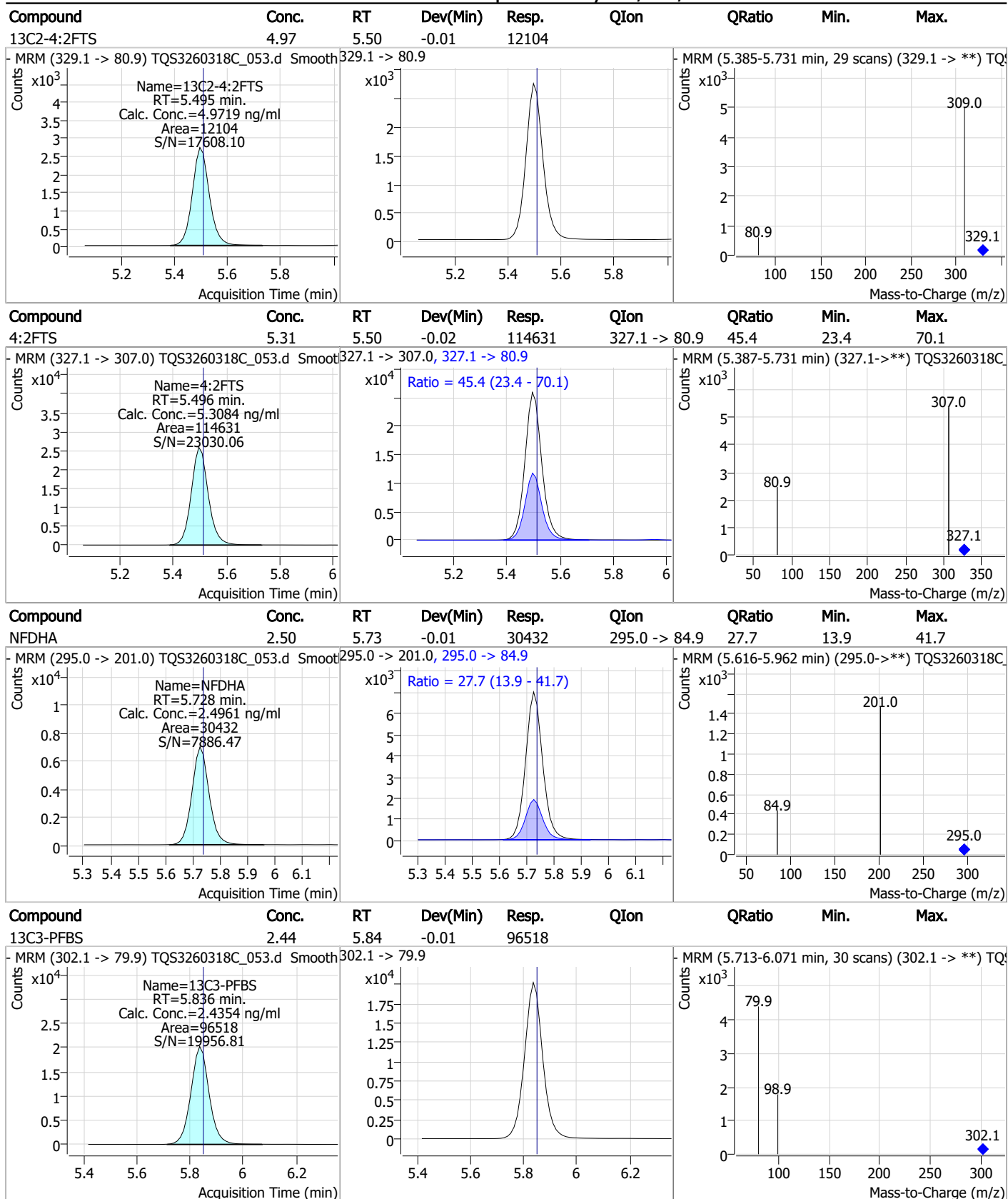
Perfluorinated Compounds by LC/MS/MS

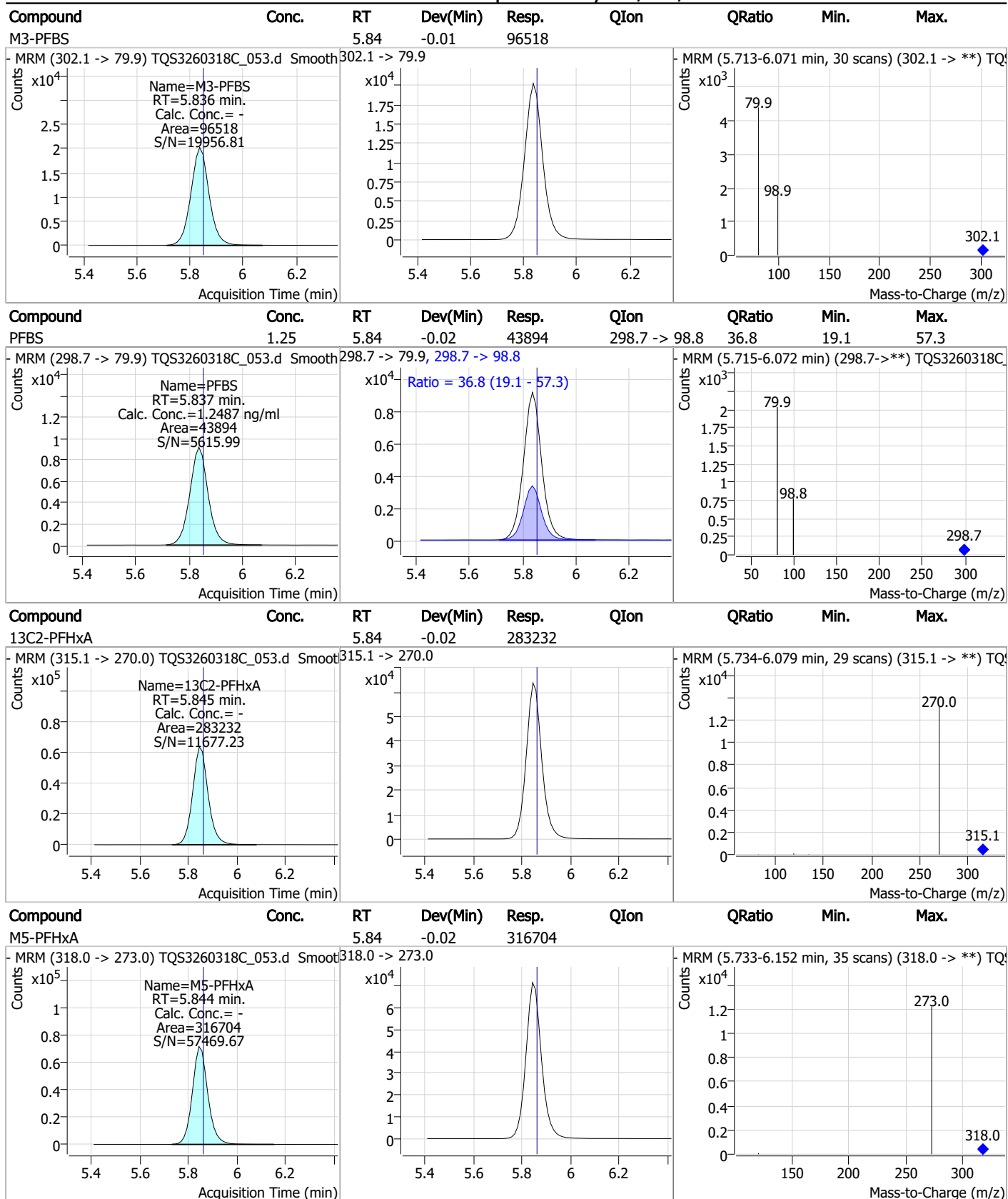


Perfluorinated Compounds by LC/MS/MS

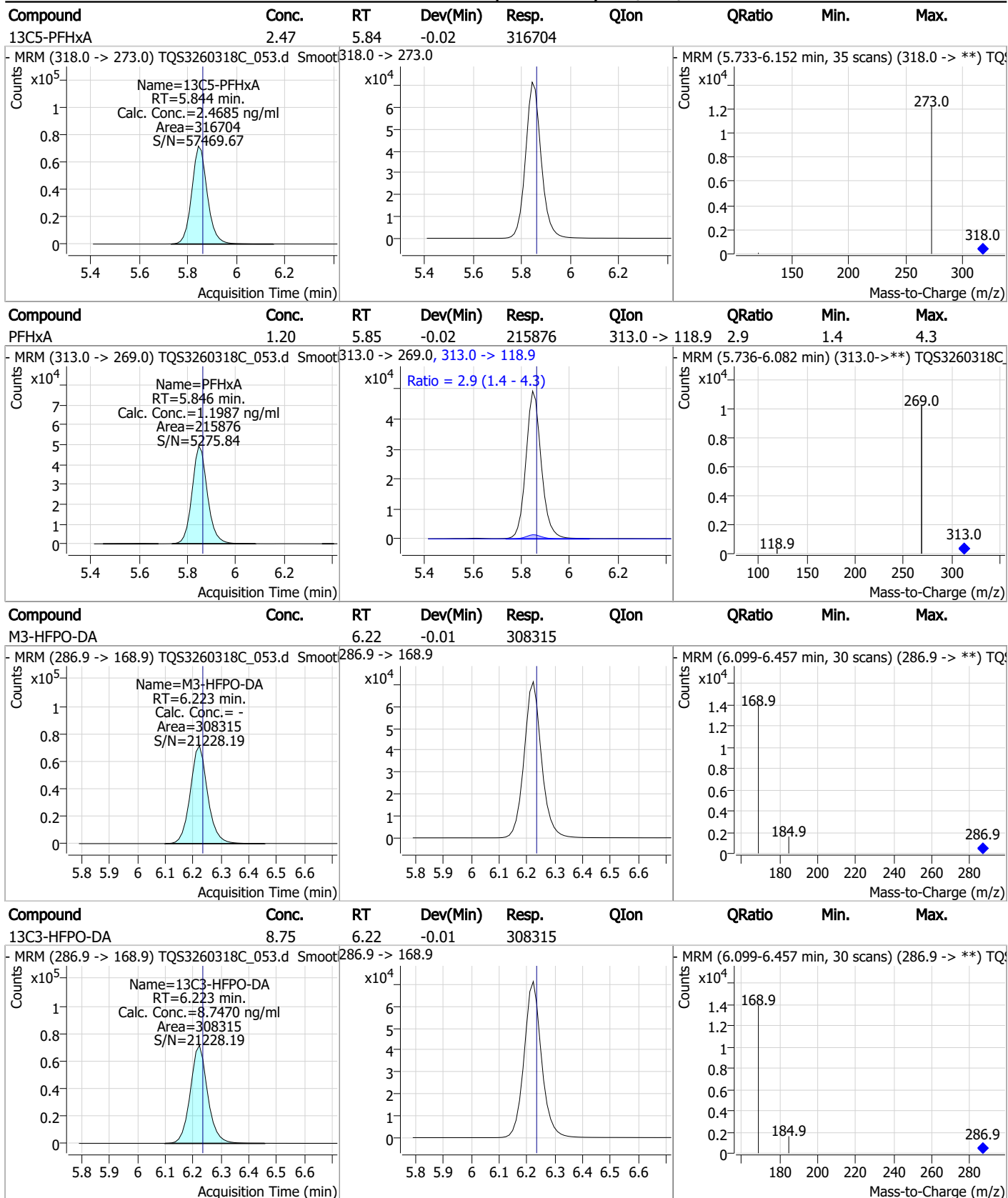


Perfluorinated Compounds by LC/MS/MS

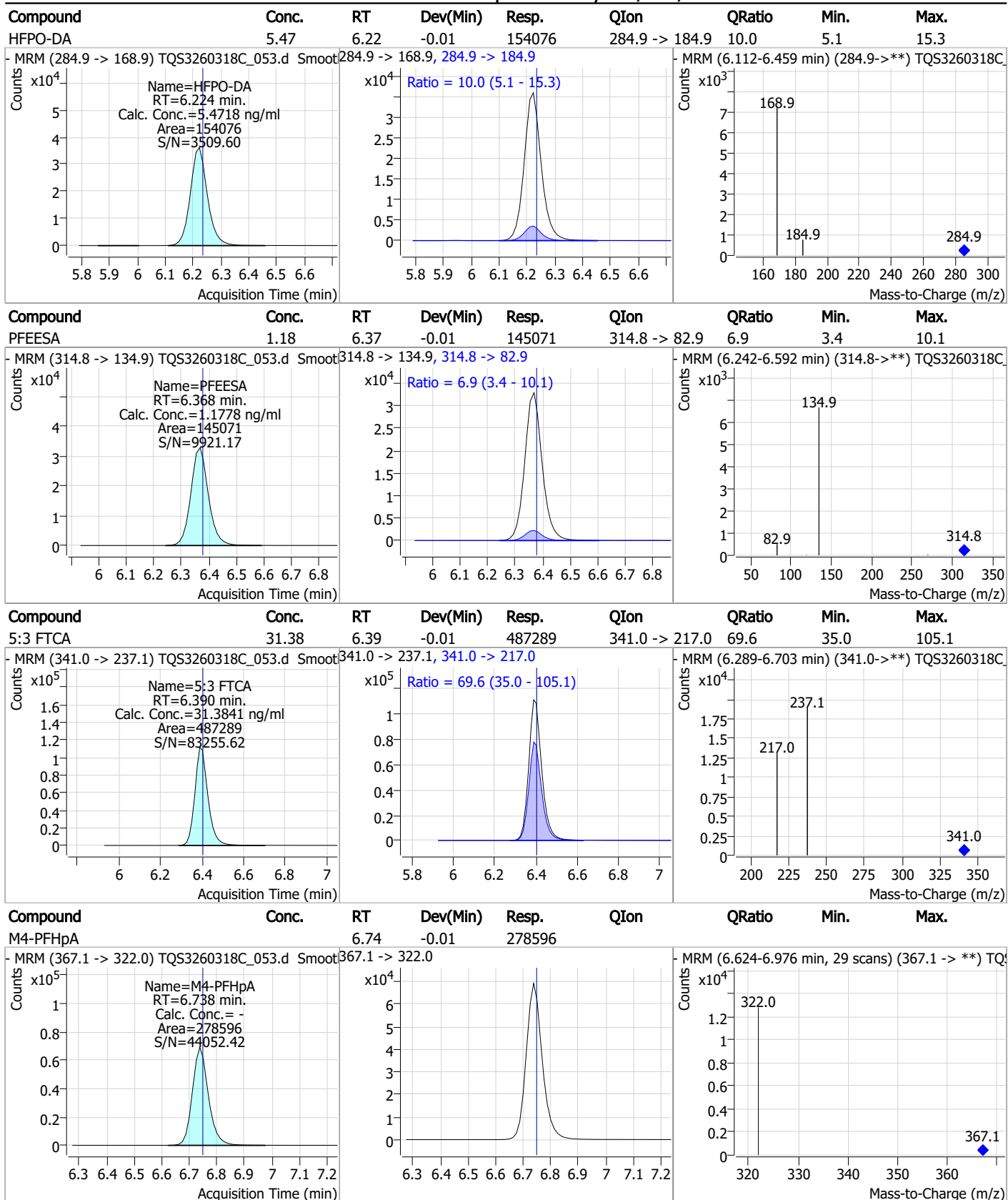




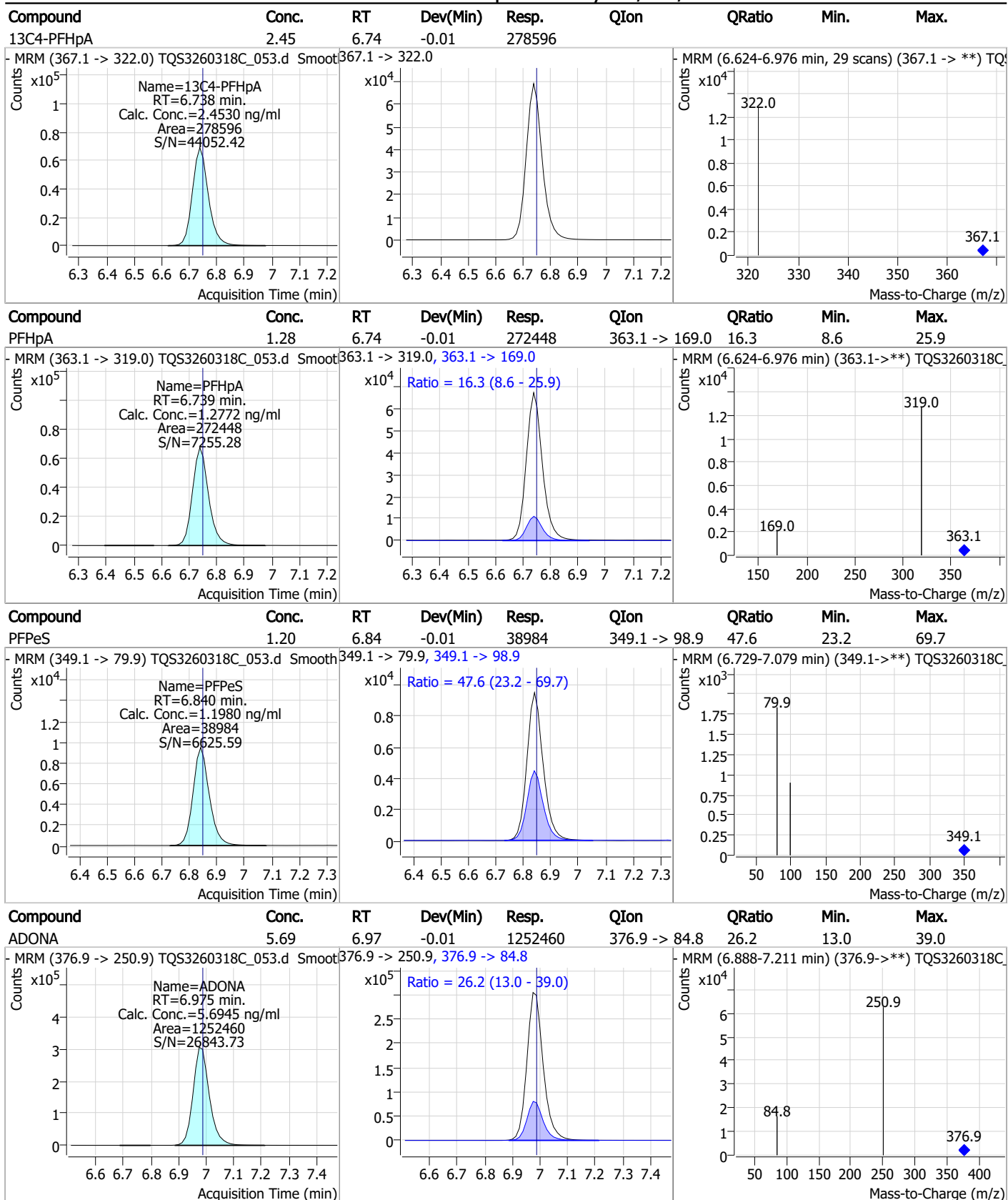
Perfluorinated Compounds by LC/MS/MS



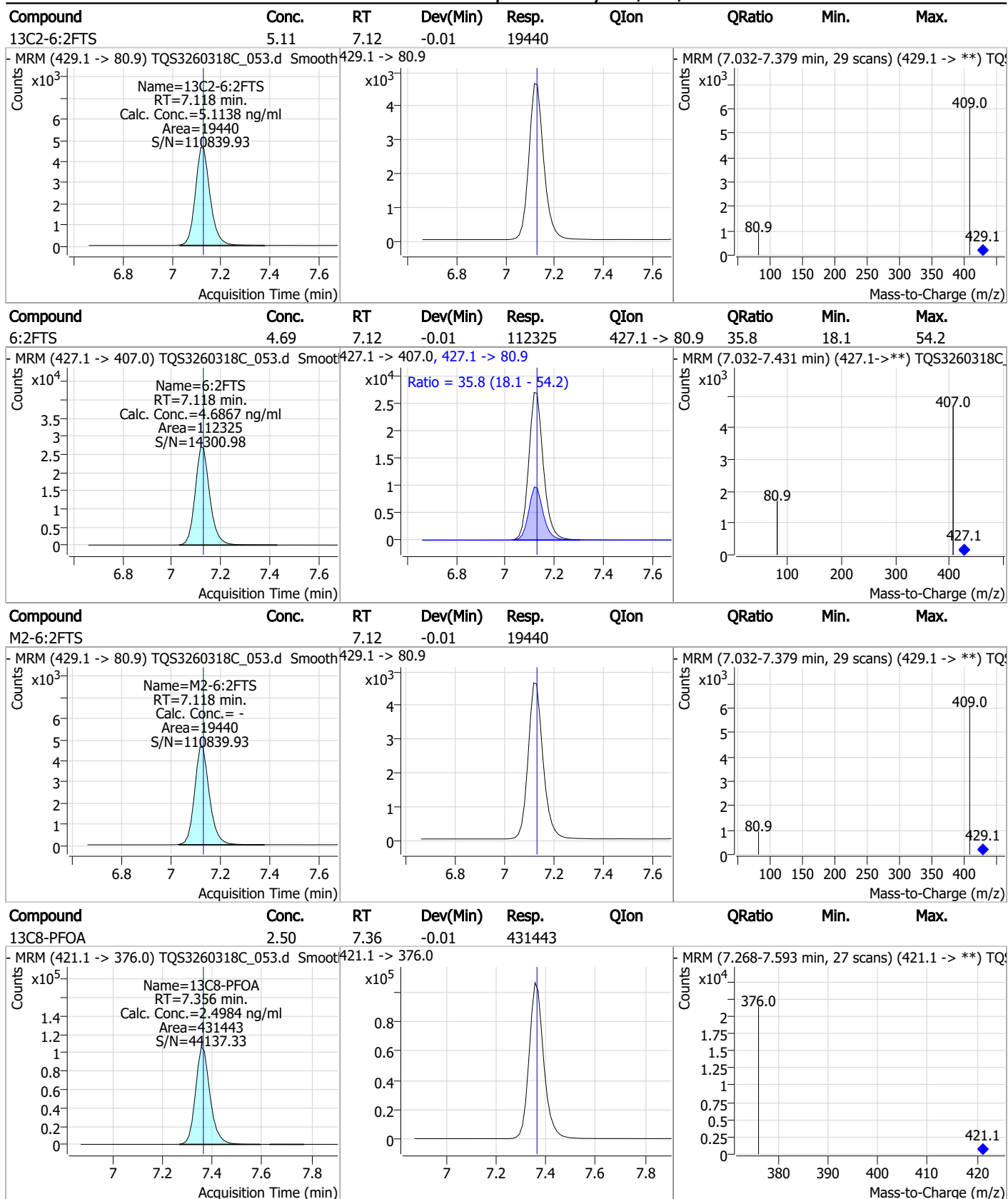
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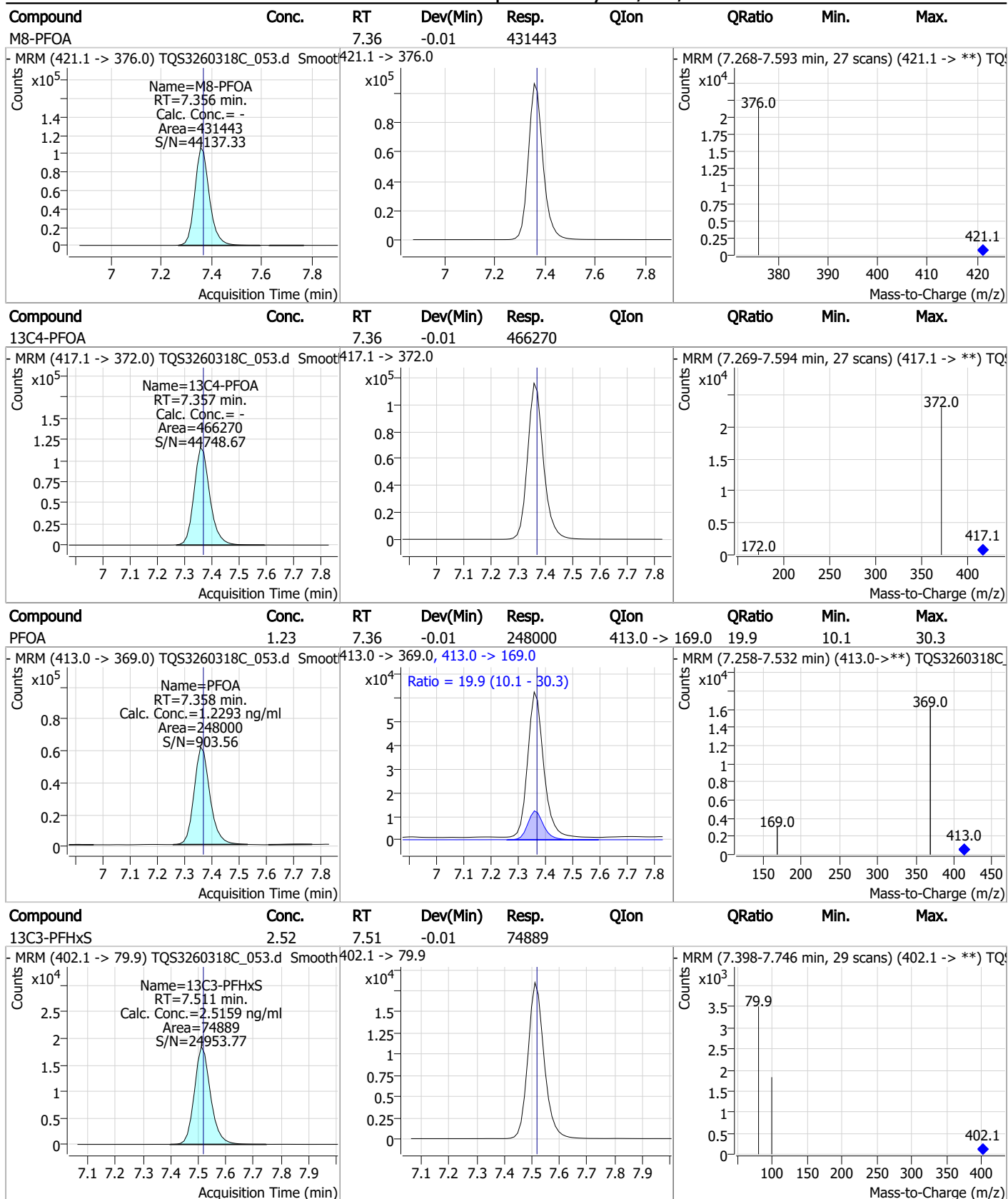


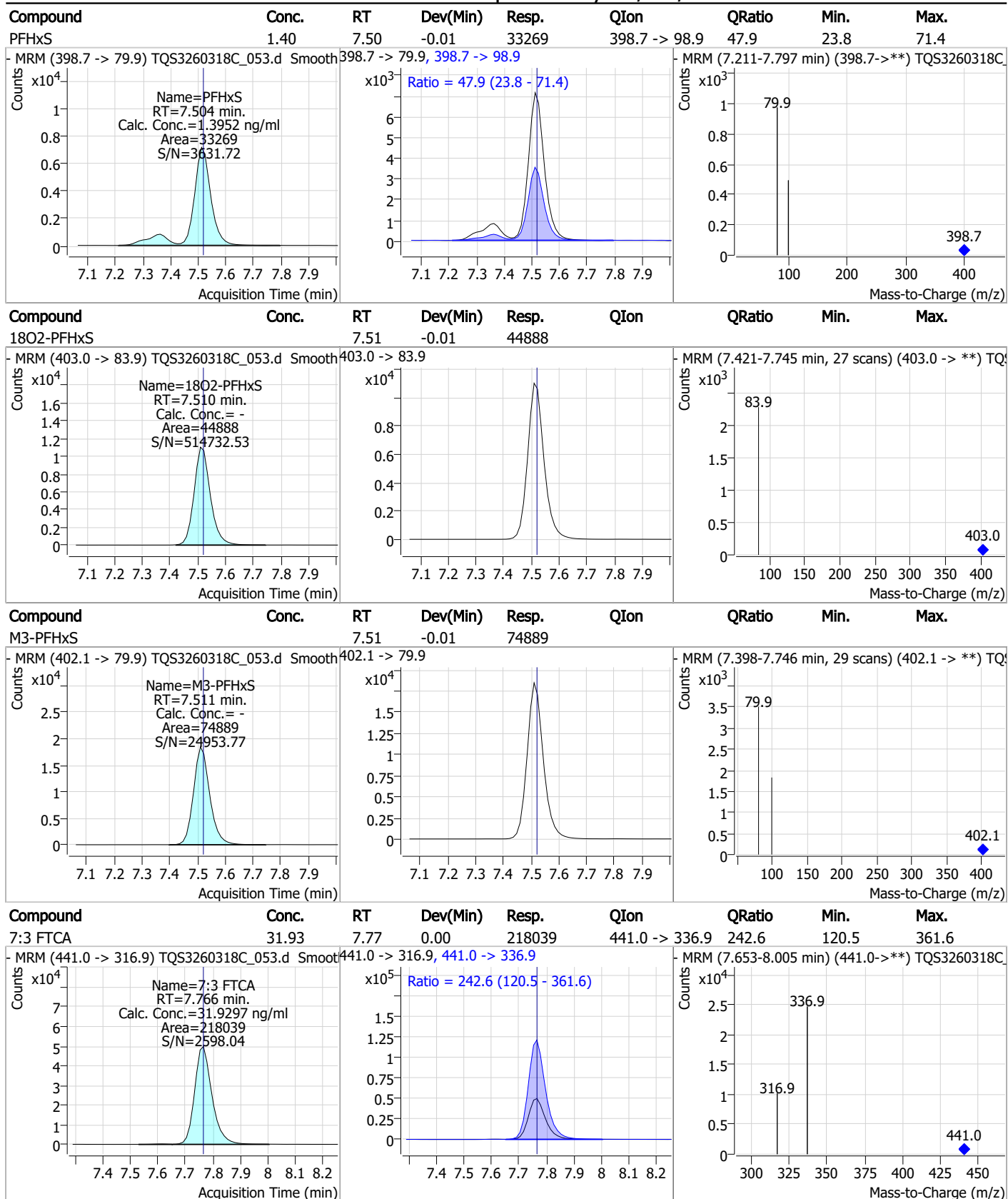
Perfluorinated Compounds by LC/MS/MS



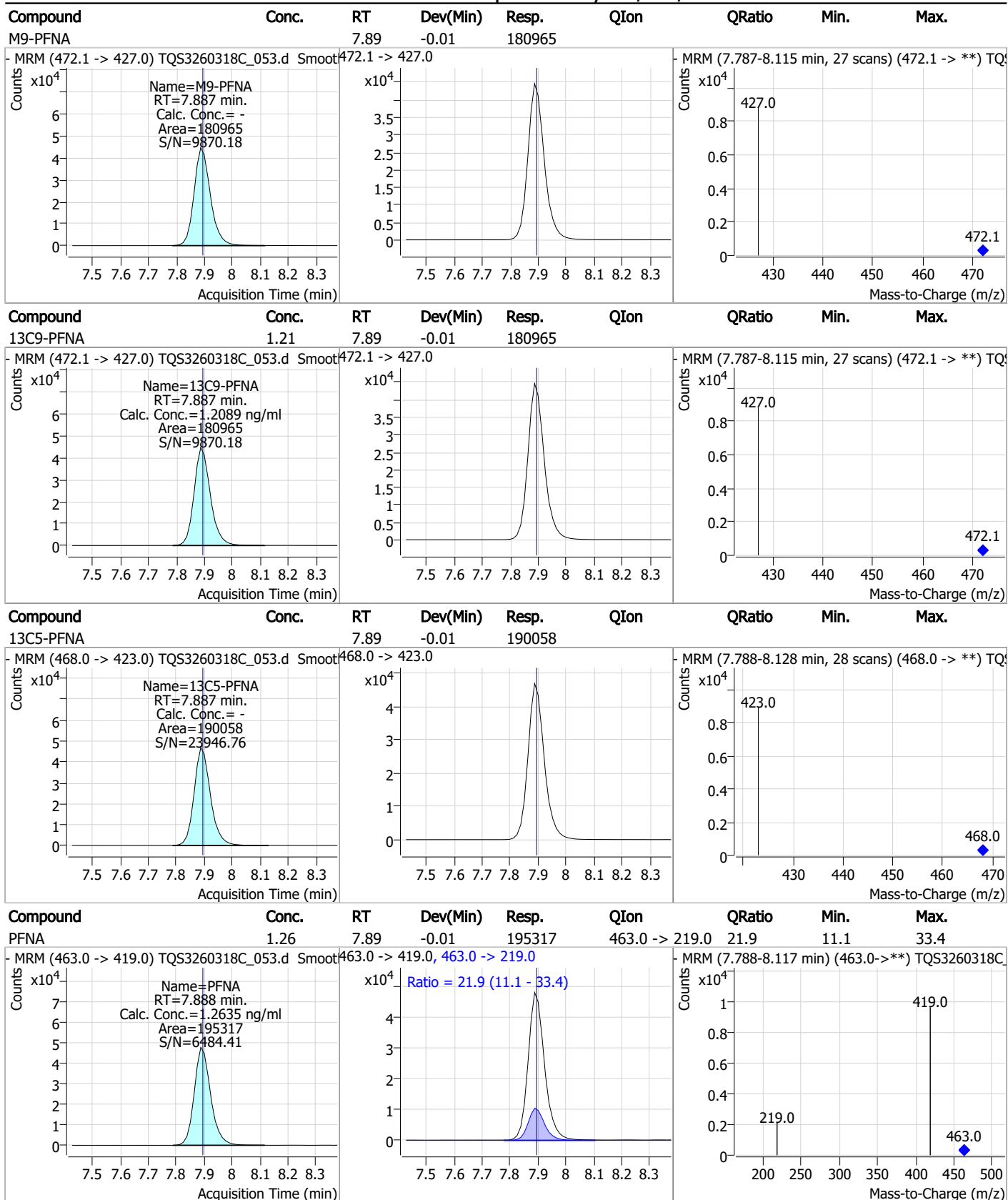
Perfluorinated Compounds by LC/MS/MS

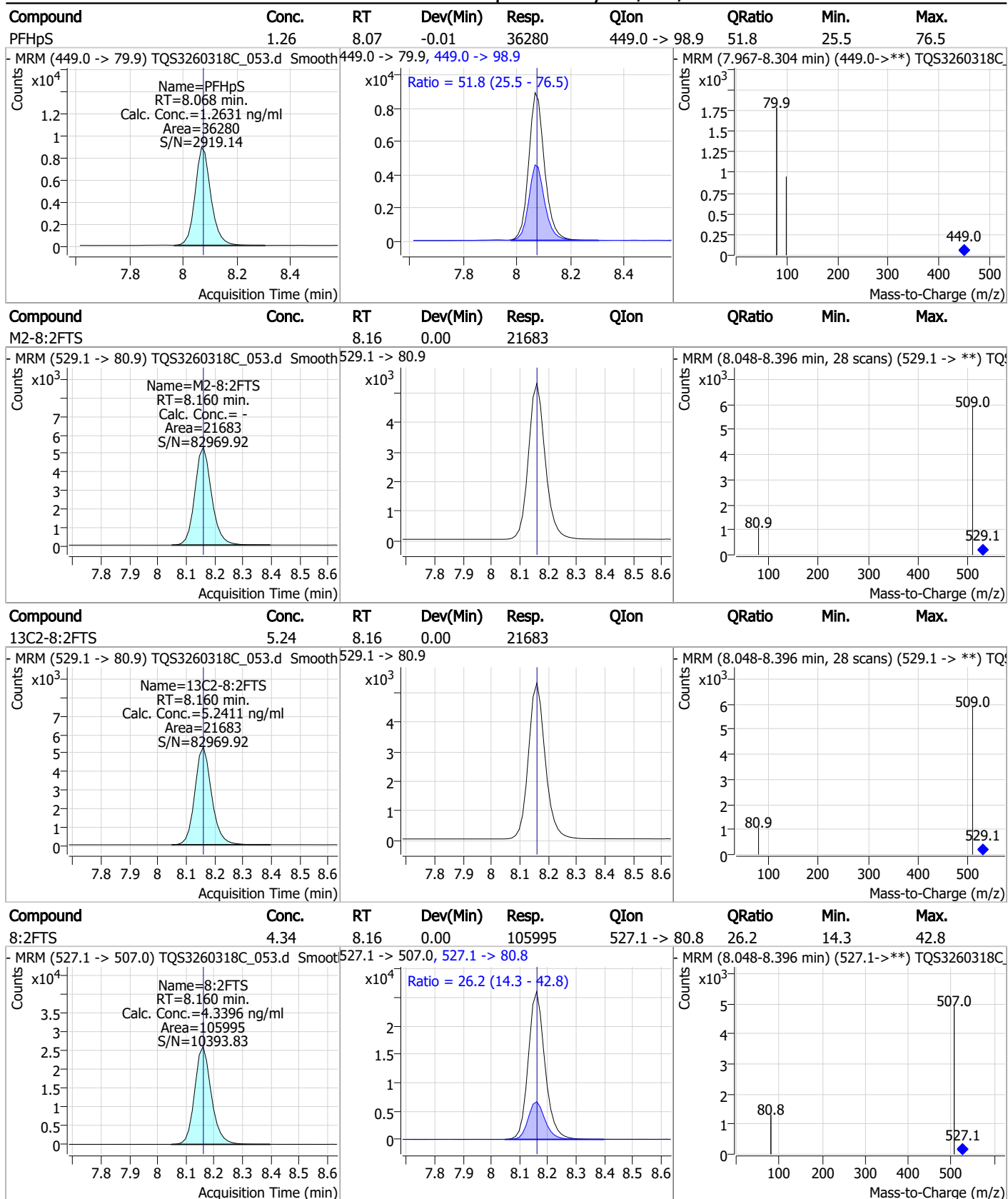




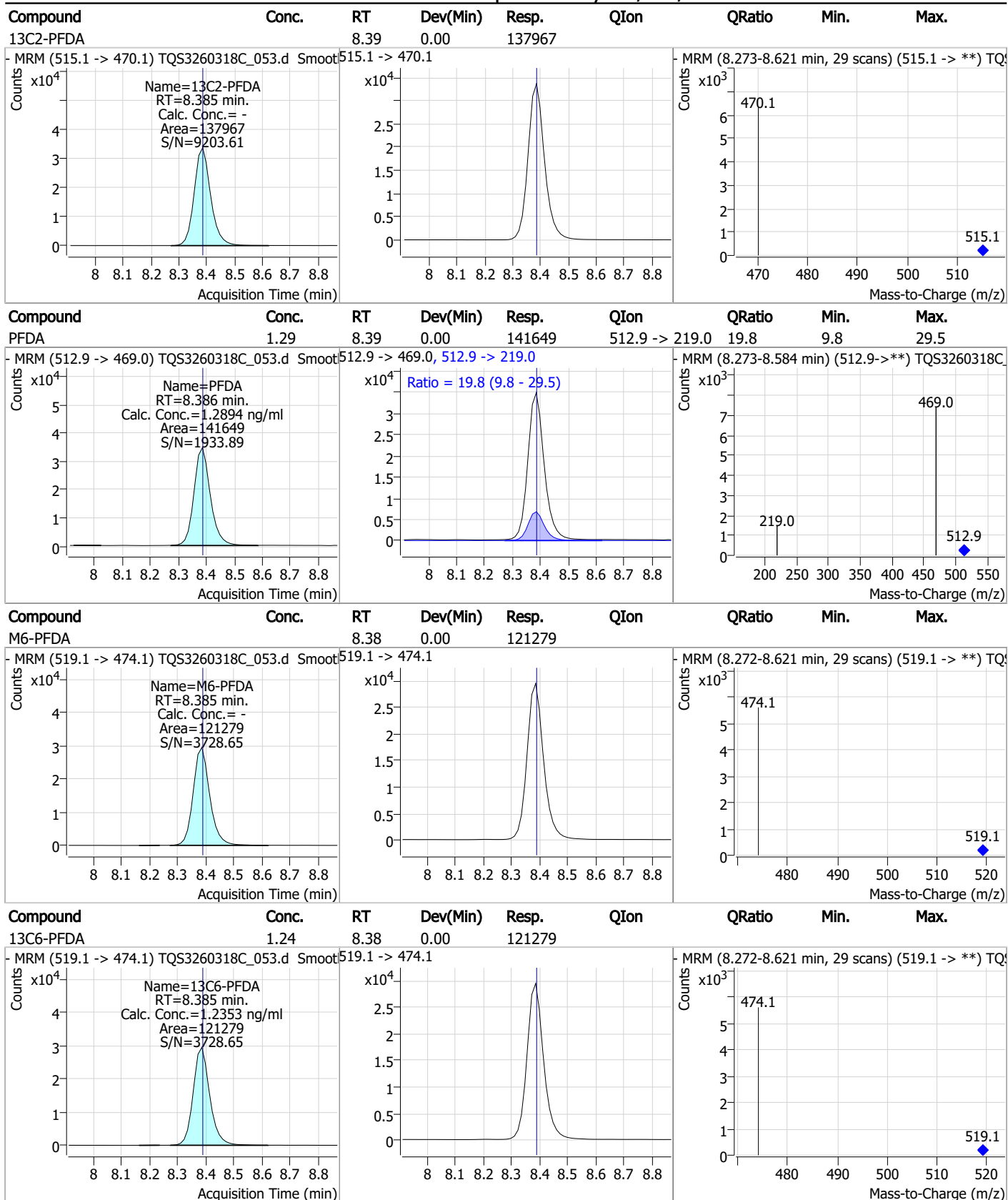


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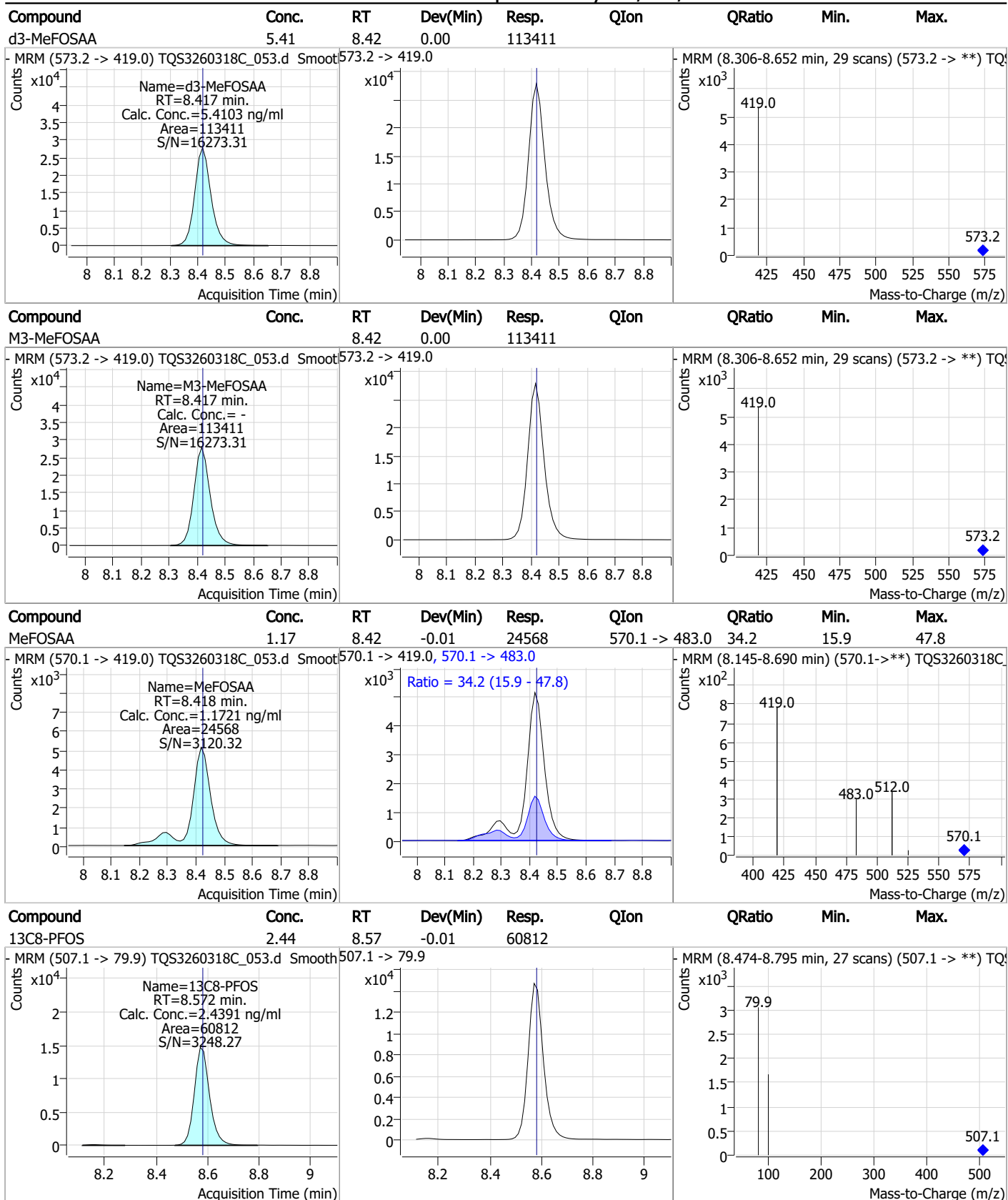


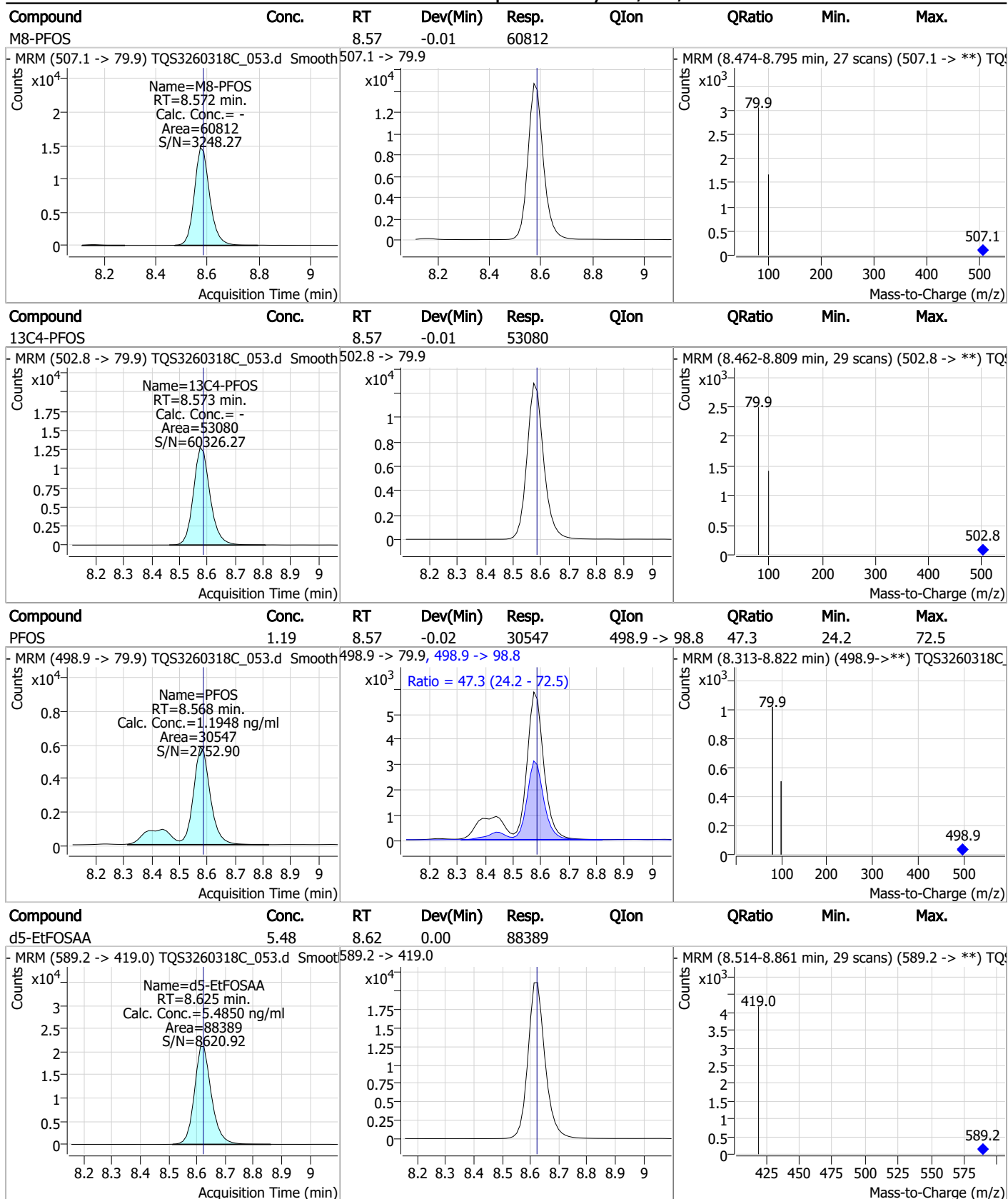


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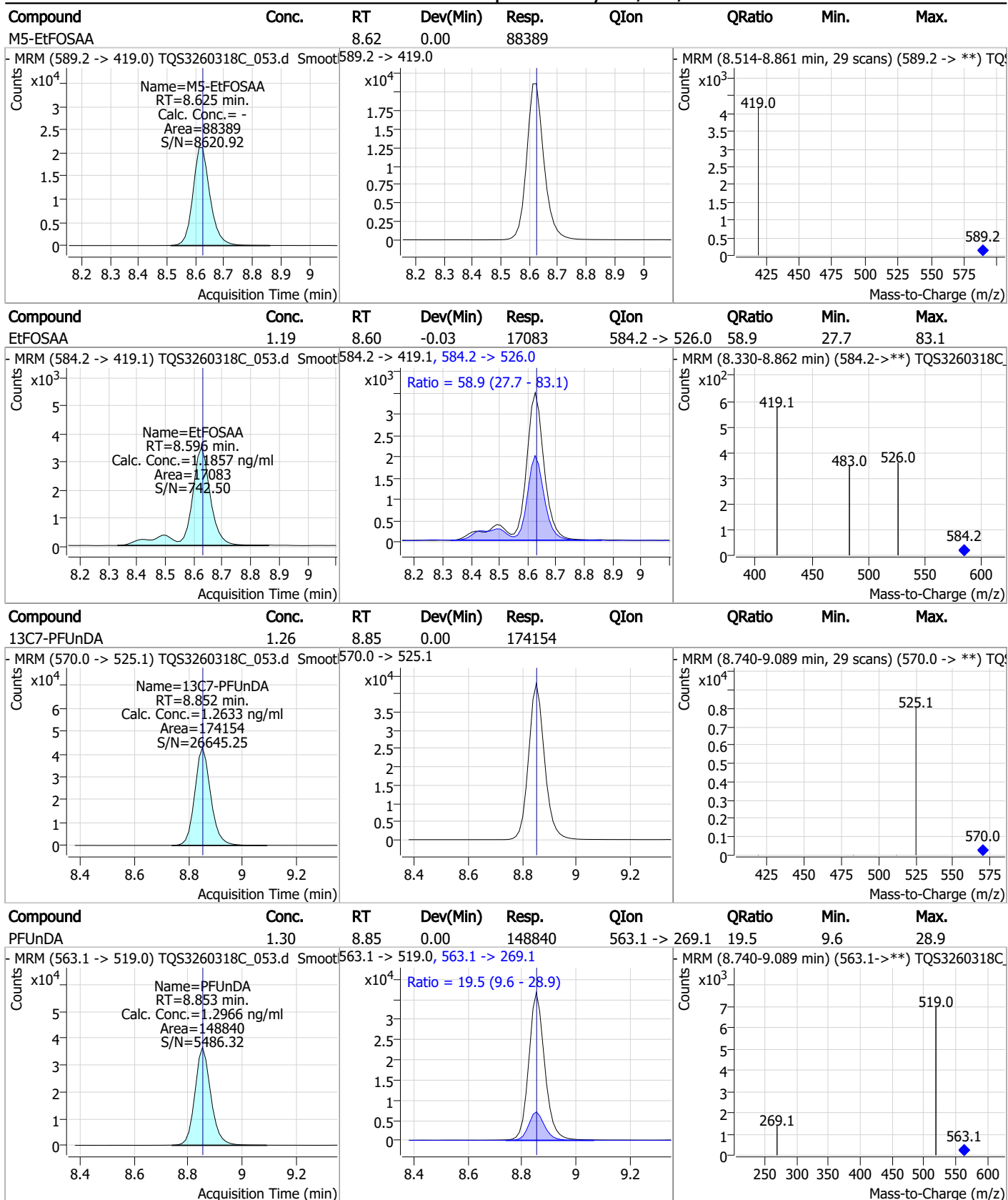


Perfluorinated Compounds by LC/MS/MS

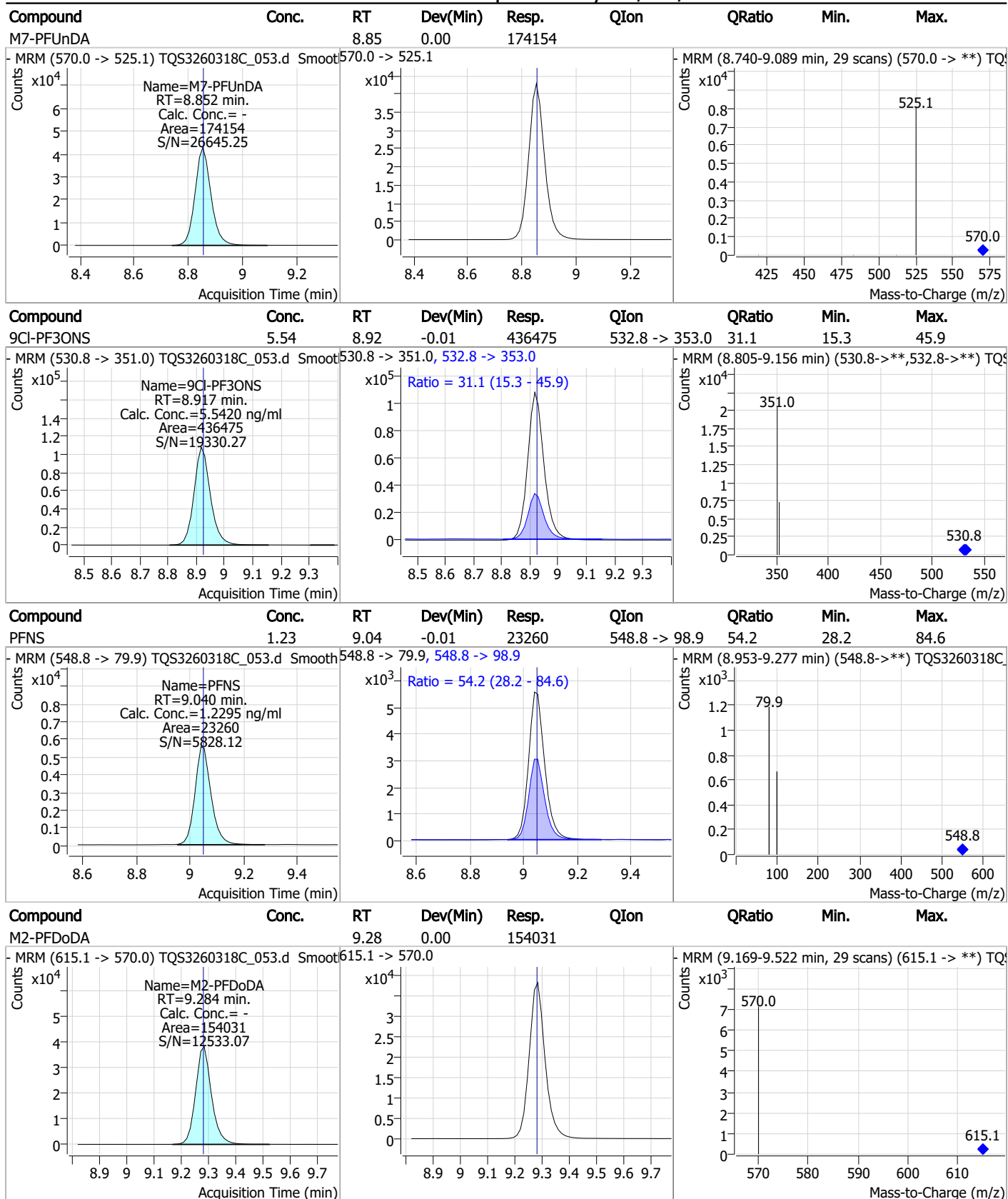




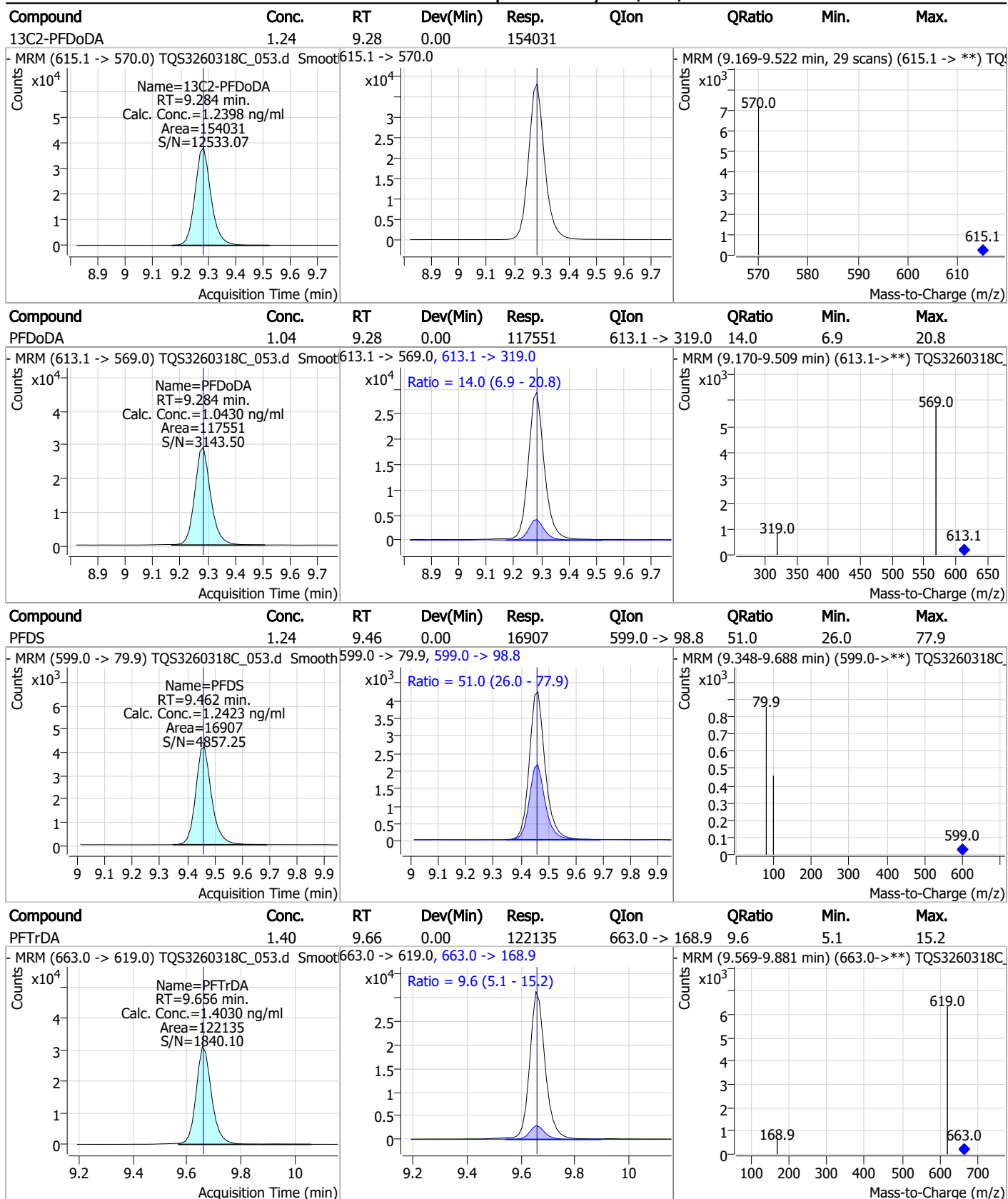
Perfluorinated Compounds by LC/MS/MS

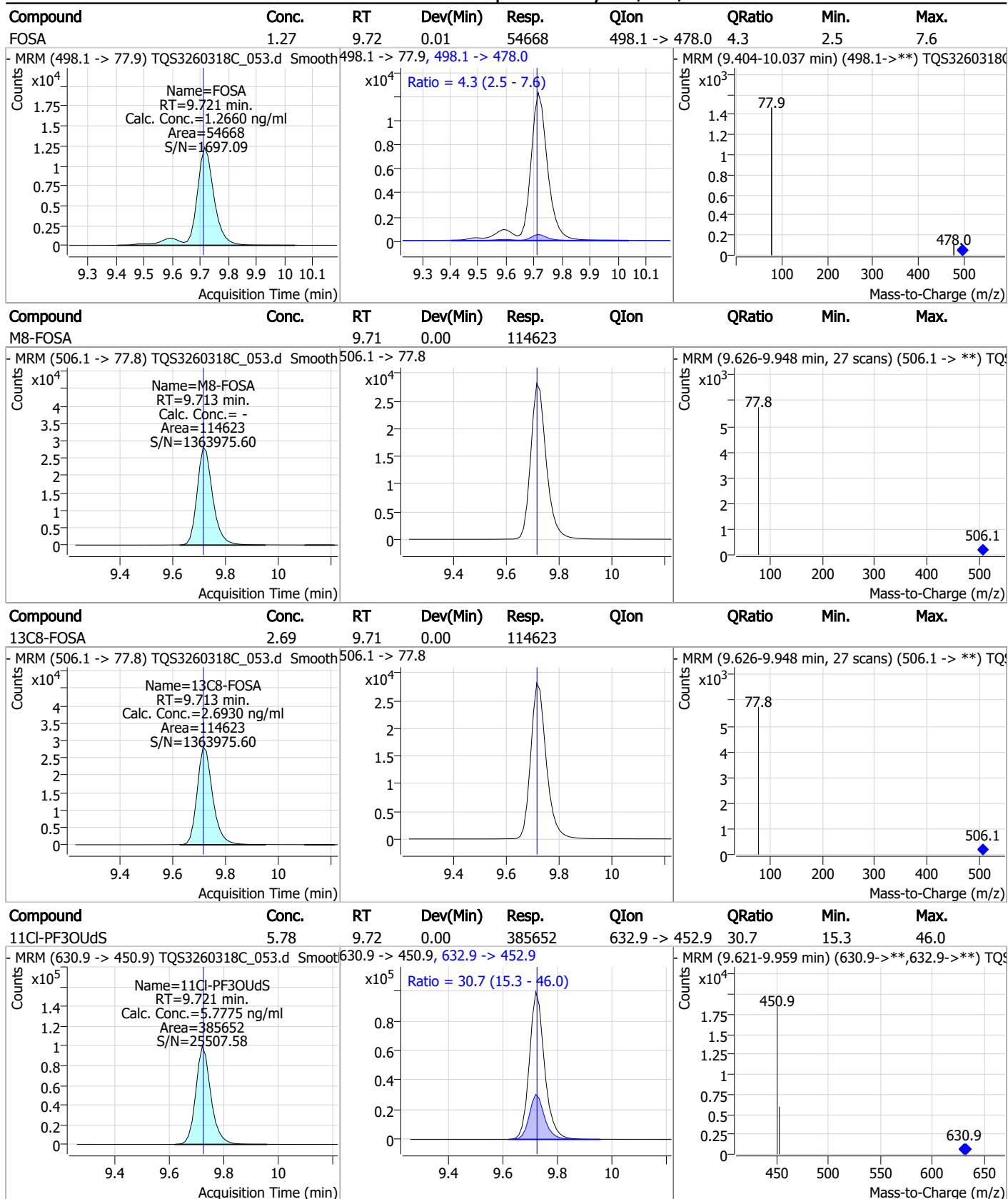


Perfluorinated Compounds by LC/MS/MS

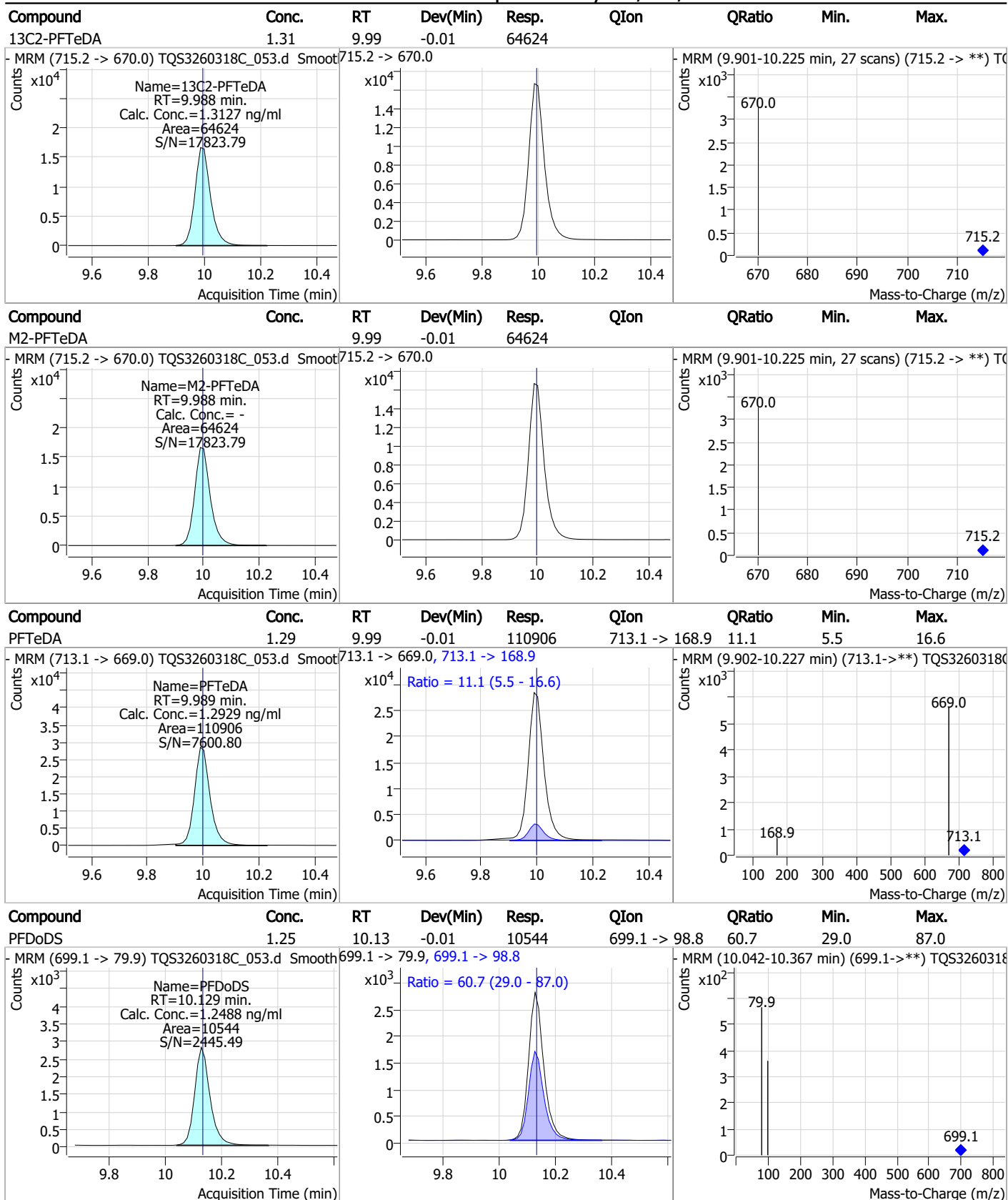


Perfluorinated Compounds by LC/MS/MS

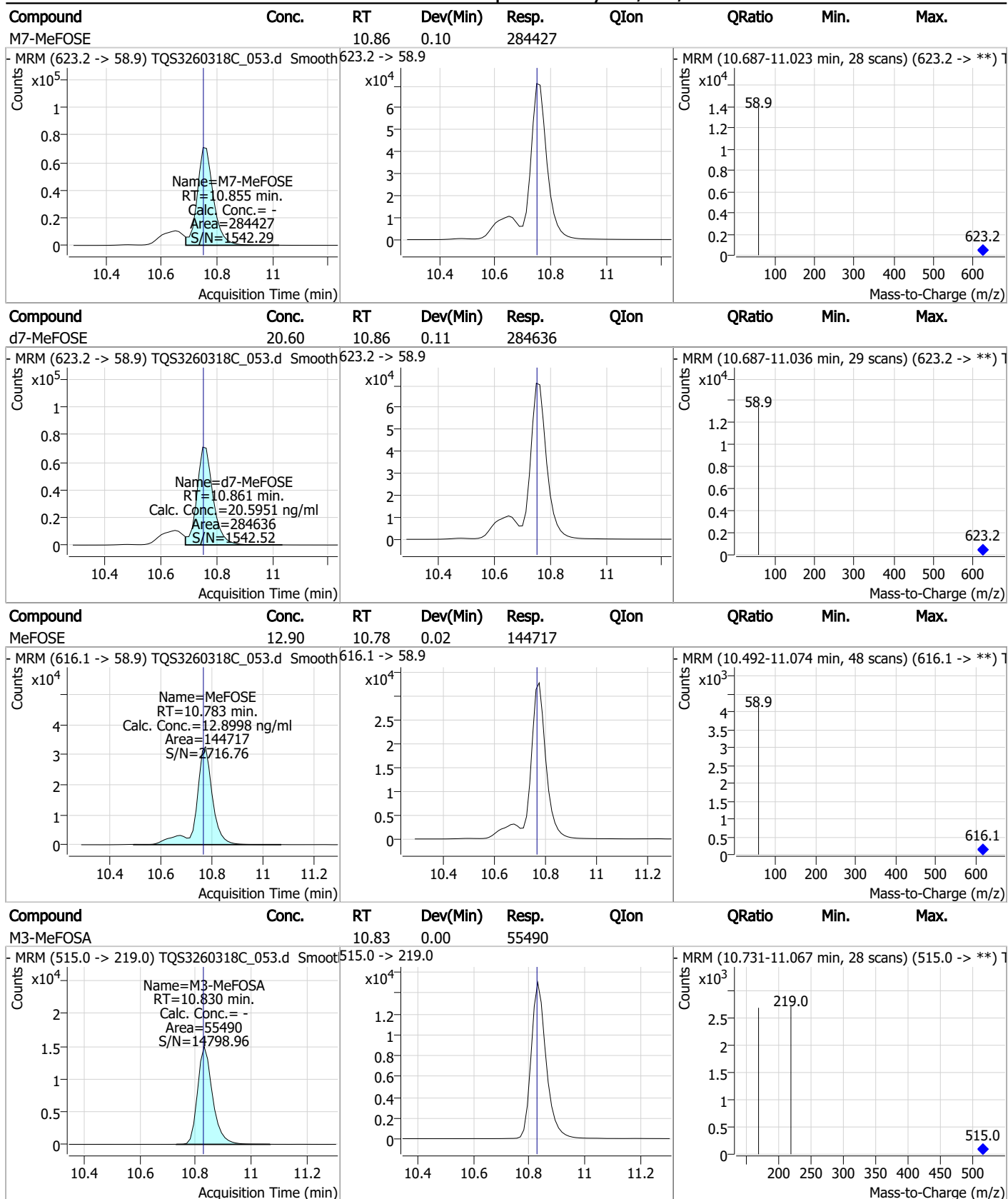




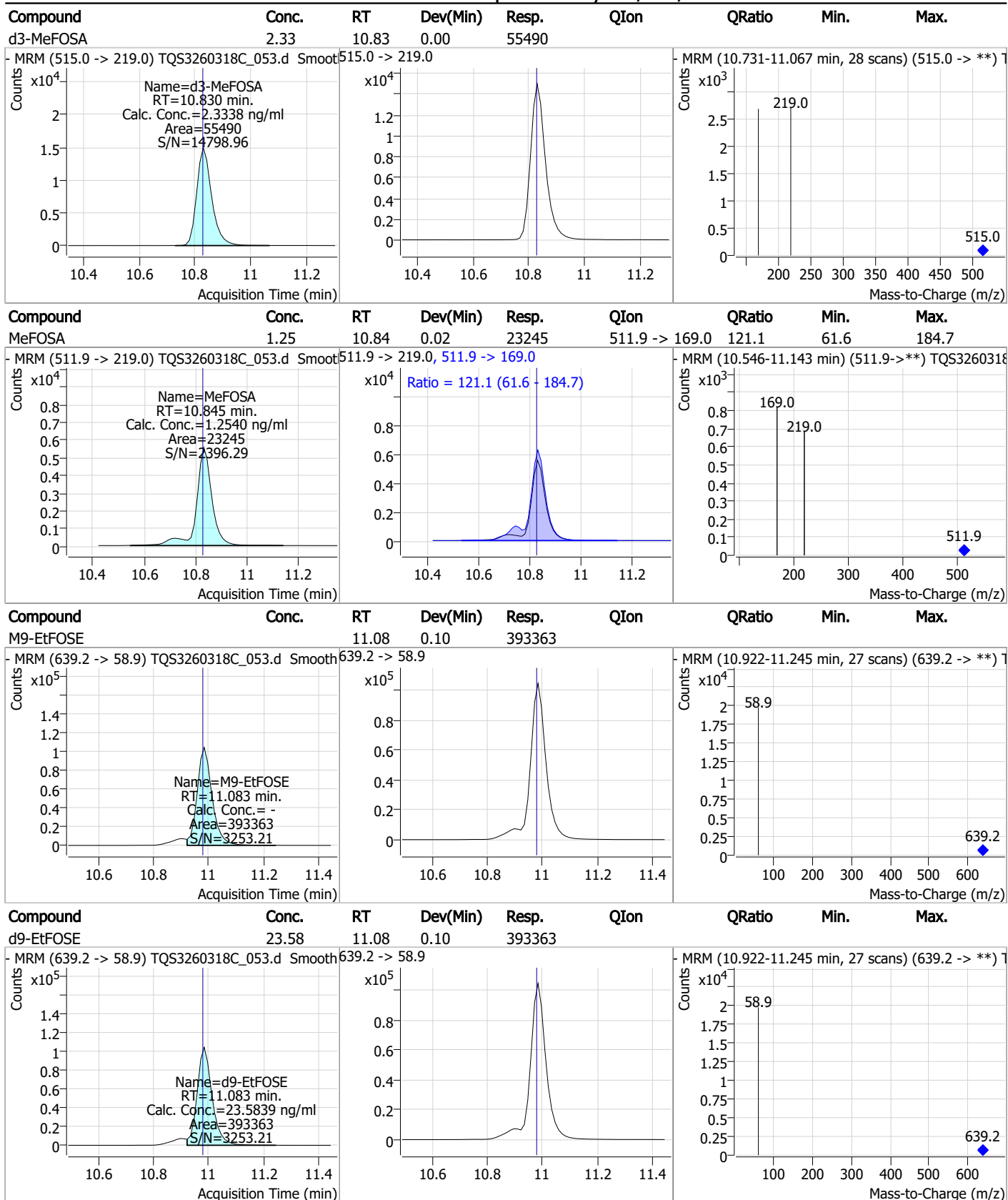
Perfluorinated Compounds by LC/MS/MS



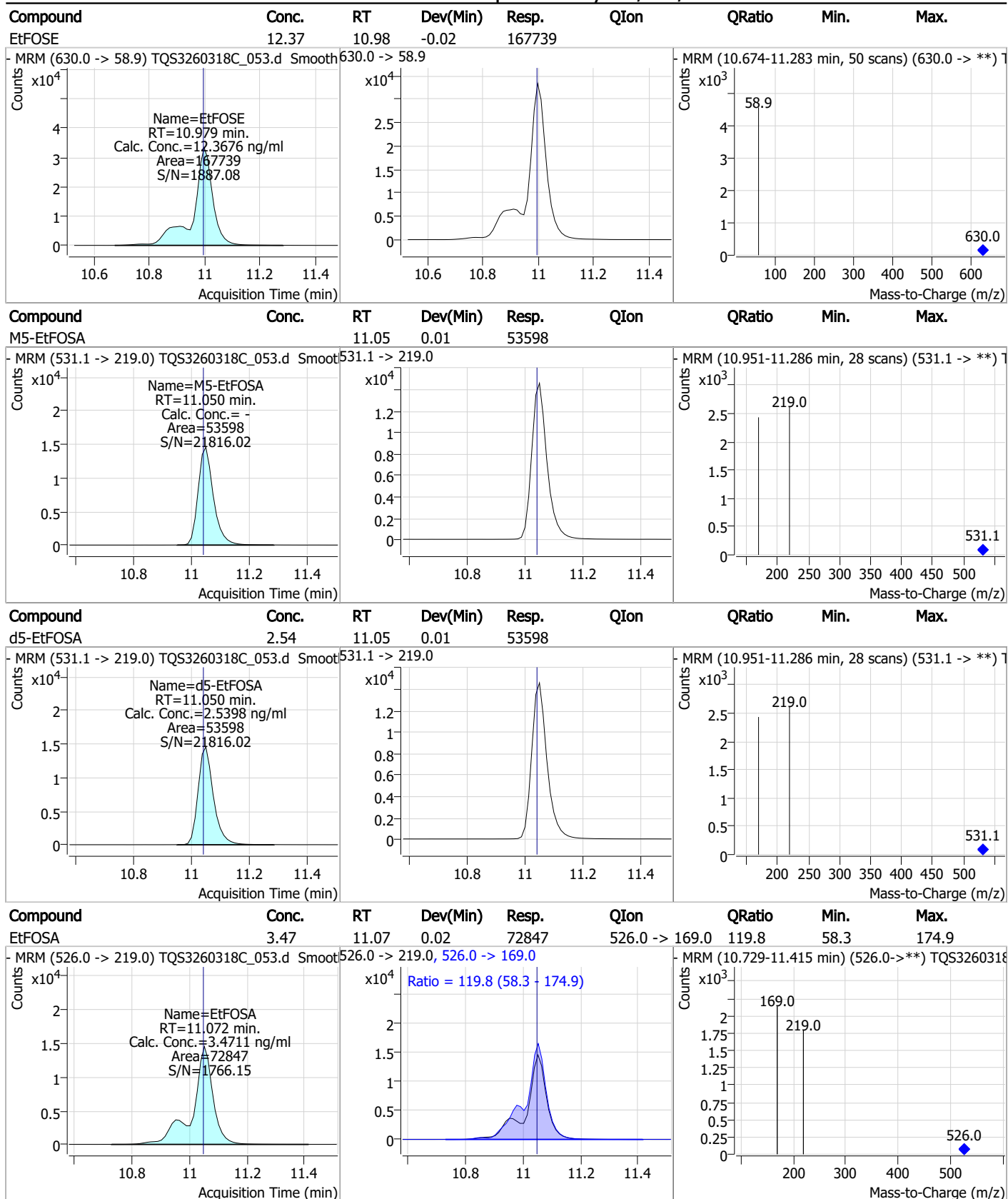
Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



Perfluorinated Compounds by LC/MS/MS



EPA 1633A

Prep and Run Logs



Extraction Batch Checklist

Methods: 1633 Aqueous/Solid/Tissue Extraction

SGS North America Inc.

HXX: 5921

03/10/26 CB
Extraction: 5 1633-W

- Extraction "Pull" Sheet included?
Extraction start date and time correct?
Method Blank (MB) prepared?
Low-level Laboratory Control Sample (LCS1) prepared?
Laboratory Control Sample (LCS2) prepared?
Were any aqueous samples subsampled?
If yes for subsampling, are subsamples clearly identified in extraction log?

Data Review Items:

- Was SPE cartridge conditioned?
Spike amounts verified?
Pipette IDs recorded?
Lots recorded?
Container IDs verified?
All analysis sample aliquots syringe filtered?
Sample(s) expire date met?
LIMS weights verified?
Appropriate Sample Comments in LIMS?

Analyst Review			Peer
☒	N	N/A	Verified
☒	N	N/A	Verified
☒	N	N/A	Verified
☒	N	N/A	Verified
☒	N	N/A	Verified
☒	N	N/A	Verified
☒	N	N/A	Verified
☒	N	N/A	Verified
☒	N	N/A	Verified
☒	N	N/A	Verified
☒	N	N/A	Verified
☒	N	N/A	Verified

Notes:

03/10/26 CB
Volume reduced for samples 32600557 -001 TSS being 0.7%,
-002 TSS being 1.3%, + -003 TSS being 0.9%.

I certify that, except as specifically noted in this report, all statements and data appearing in this report are in conformance with the provisions of the Quality Assurance Plan (QAP) prepared by this laboratory.

Analyst's Signature:

Clarissa Buonomano

Printed Name:

Clarissa Buonomano

Date:

03/10/26

Reviewer's Signature:

Alex Cornella

Printed Name:

Alex Cornella

Date:

3-11-26

Batch Information			Sample #	Initial wt. (ml, g)	Final wt. (ml, g)	Standards circle applicable	pH	TSS Assessments*/ Comments
Batch Number:	HX5921		307285 MB	010	0	(ES) Ax (JS)	6.5	
Date / Time Extracted:	03/09/26 13:45		307286 LCS1	503	0	(ES) Ax (JS)	6.5	
Method:	EPA 1633A		307287 LCS2	504	0	(ES) Ax (JS)	6.5	
Matrix:	Aqueous		0557-1	10	0	(ES) Ax (JS)	8.5	Added 80mL 5% Formic Acid
Analyst:	CB		0557-2	10	0	(ES) Ax (JS)	8.5	Added 80mL 5% Formic Acid
Balance IDs:	4		0557-3	11	0	(ES) Ax (JS)	8.5	Added 60mL 5% Formic Acid
Evaporator ID, temperature (only for 2 cartridge extracts)	N/A							
Solvent / Reagents and Lot #								
MB/LCS1/2 bottle lot	446825000							
PFAS-free water	Fisher 253590							
SPE Cartridge:	601194 Conditioned? (N)							
Glass wool	N/A							
0.3 M formic (aqueous)	PIN102N-W							
0.1 M formic (1:1 MeOH/aq)	PIN105E-F							
1% methanolic NH ₄ OH	PIN106E-F							
Acetic acid	Fisher 243702							
Syringes	2202108							
Syringe filters	325031259							
pH strips	Whitman 25000261							
Other: 5% Formic Acid	PIN157E-F							
Final Volume (µL)	4000 µL							
Standards	Lot #	Amt. (µL)						
ES working	30-17-11	50						
Ax working	30-17-10	16 / 50						
JS working	30-13-12	50						
Pipette IDs:	CH40080, Q444395							
ES/Ax Spike Witness			JS Spike Witness					
Initials: BP			Date: 03/09/26			Time: 12:49		
Initials: BP			Date: 03/10/26			Time: 1134		

*TSS assessment: enter "V>50" or "V<50" for visual assessment, "P>50" or "P<50" for pouring into beaker, "TSS" followed by a number for TSS procedure results

Reviewed by: *Ally Corbett* Date/Time: 3-11-26 / 14:55

SGS Environment, Health and Safety 5500 Business Drive Wilmington NC 28405 Phone: 910-350-1903
32600557 Page 636 of 638

DC_630.2

Method: EPA 1633
Matrix: Water
Inst Batch: XLC3914 1633
ICAL Batch ID: XLC3913

ICAL Lot No. 30-7-11 30-8-15
CCV Lot No. 30-8-3/30-8-7
ICV Lot No. 30-9-1
Qualitative Std ID SIL31-248-1

Standards							
File name	Sample ID / Dilution	Date / Time	Comments	RERUN	OPR	LIMS Batch	
TQS3260318C_036.d	IB	3/19/26 2:28			AH	XLC3914	
TQS3260318C_037.d	CCV1	3/19/26 2:43			AH	XLC3914	
TQS3260318C_038.d	CCV2	3/19/26 2:58			AH	XLC3914	
TQS3260318C_039.d	Qualitative ID standard	3/19/26 3:13			AH	XLC3914	
TQS3260318C_040.d	IB	3/19/26 3:28			AH	XLC3914	
TQS3260318C_041.d	307285	3/19/26 3:43			AH	XLC3914	
TQS3260318C_042.d	307286	3/19/26 3:59			AH	XLC3914	
TQS3260318C_043.d	307287	3/19/26 4:14			AH	XLC3914	
TQS3260318C_044.d	Bile Salt check	3/19/26 4:29			AH	XLC3914	
TQS3260318C_045.d	0557_1	3/19/26 4:44			AH	XLC3914	
TQS3260318C_046.d	0557_2	3/19/26 4:59			AH	XLC3914	
TQS3260318C_047.d	0557_3	3/19/26 5:14			AH	XLC3914	
TQS3260318C_048.d	307302	3/19/26 5:29			AH	XLC3914	
TQS3260318C_049.d	307303	3/19/26 5:44			AH	XLC3914	
TQS3260318C_050.d	307304	3/19/26 5:59			AH	XLC3914	
TQS3260318C_051.d	0618_1	3/19/26 11:10			AH	XLC3914	
TQS3260318C_052.d	0665_1	3/19/26 11:25			AH	XLC3914	
TQS3260318C_053.d	CCV2	3/19/26 11:40			AH	XLC3914	
TQS3260318C_054.d	307425	3/19/26 11:55			AH	XLC3914	
TQS3260318C_055.d	307426	3/19/26 12:14			AH	XLC3914	
TQS3260318C_056.d	307427	3/19/26 12:29			AH	XLC3914	

Analyst:

Reviewed by

Method: EPA 1633
Matrix: Water
Inst Batch: XLC3914 1633
ICAL Batch ID: XLC3913

ICAL Lot No. 30-7-11 30-8-15
CCV Lot No. 30-8-3/30-8-7
ICV Lot No. 30-9-1
Qualitative Std ID SIL31-248-1

File name	Sample ID / Dilution	Date / Time	Comments	RERUN	OPR	LIMS Batch
TQS3260318C_057.d	0619_1	3/19/26 12:44			AH	XLC3914
TQS3260318C_058.d	307463	3/19/26 12:59			AH	XLC3914
TQS3260318C_059.d	307464	3/19/26 13:14			AH	XLC3914
TQS3260318C_060.d	307465	3/19/26 13:29			AH	XLC3914
TQS3260318C_061.d	0698_3	3/19/26 14:08			AH	XLC3914
TQS3260318C_062.d	0698_4	3/19/26 14:23			AH	XLC3914
TQS3260318C_063.d	CCV2	3/19/26 14:38			AH	XLC3914
TQS3260318C_064.d	IB	3/19/26 14:53			AH	XLC3914

Analyst:

Reviewed by

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Client / Reporting Information						Project Information								Analysis Requested												Matrix Code(s)
Company Name: Sesi Consulting						Project Name: Peeckskill Phase II																				DW - Drinking Water GW - Ground Water WW - Wastewater SW - Surface Water SO - Soil SL - Sludge SED - Sediment OI - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Waste FB - Field Blank EB-Equipment Blank RB - Rinse Blank TB - Trip Blank
Street Address: 154 US-46 #3 Sub 300						Billing Information (if different from Report to) Company Name:								XTEL 20 + SLC1D1G33N421												
City: Parsippany NJ 07054 State: NJ Zip: 07054						Project #																				
Project Contact: Mary Kate Chorzak E-mail: mchorzak@sesi.org						Street Address																				
Phone #						City								State												Zip
Sampler(s) Name(s): Favonte, Lamphere						Project Manager								Attention:												
SGS Sample #						Field ID / Point of Collection								MECH/DI Vial #												pH Check (Lab Use Only)
Date						Time								Collection												
Sampled by						Grab (G) Comp (C)								Source Chlorinated (Y/N)												
Matrix						# of bottles								HCl NaOH HNO ₃ H ₂ SO ₄ NONE DI Water MEQH ENCORE												
1 SB-1 4-4.5						260227 1350 FAV G								GW 12 4 1 1 6 X X												E33
2 SB-2 6-6.5						260227 1149 FAV G								GW 12 4 1 1 6 X X												AU
3 SB-3 14-15						260227 1335 FAV G								GW 12 4 1 1 6 X X												G30 T2
4 SB-4 8-8.5						260227 1157 FAV G								GW 12 4 1 1 6 X X												PF7
5 SB-5 11-11.5						260227 1140 FAV G								GW 12 4 1 1 6 X X												M54 TB
6 SB-6 14-14.5						260227 1213 FAV G								GW 12 4 1 1 6 X X												V680
7 SB-7 4-4.5						260227 124 FAV G								GW 12 4 1 1 6 X X												D42
8 SB-8 7.5-10						260227 1513 DEL G								GW 12 4 1 1 6 X X												L40/S
9 SB-9 11-11.5						260227 1449 DEL G								GW 12 4 1 1 6 X X												4080
10 SB-10 13-13.5						260227 1413 DEL G								GW 12 4 1 1 6 X X												
11 TWP-5						2/29/06 12:45								12												
12 TWP-6						2/29/06 1:02								12												
Turn Around Time (Business Days)						Deliverable								Comments / Special Instructions												
Approved By (SGS PM) / Date:						Commercial "A" (Level 1)								NYASP Category A								* Added to Coc in SCA				
☒ 10 Business Days						☒ Commercial "B" (Level 2)								☐ NYASP Category B												
☒ 5 Business Days						☐ NJ Reduced (Level 3)								☐ MA MCP Criteria												
☐ 3 Business Days*						☐ Full Tier I (Level 4)								☐ CT RCP Criteria												
☐ 2 Business Days*						☐ Commercial "C"								☐ State Forms												
☐ 1 Business Day*						☐ NJ DKQP								☐ EDO Format												
☐ Other _____						☐ NJGW Criteria 2025 "new"																				
All data available via SGS Engage						Approval needed for 1-3 BD TAT								Commercial "A" = Results only; Commercial "B" = Results + QC Summary								http://www.sgs.com/en/terms-and-conditions				
Sample Custody must be documented below each time samples change possession, including courier delivery.						Commercial "C" = Results + QC Summary + Partial Raw data																				
Relinquished By: FAV						Date / Time: 260227 1641								Received By: Fel Ex								Date / Time: 2/29/06 10:00				
Relinquished By:						Date / Time:								Received By:								Date / Time:				
Relinquished By:						Date / Time:								Received By:								Date / Time:				
Relinquished By:						Date / Time:								Received By:								Date / Time:				
Custody Seal #						☐ Intact ☐ Not intact ☐ Absent								Therm ID: On Ice Cooler Temp. °C												
						See Sample Receipt Summary																				

[illegible]

SGS Sample Receipt Summary

Job Number: je29061

Client: SESI CONSULTING ENGINEERS

Project: 14373, PEEKSILL, NY

Date / Time Received: 2/28/2026 10:00:00 AM

Delivery Method: FED EX

Airbill #'s:

Cooler Temps (Raw Measured) °C: Cooler 1: (4.7);

Cooler Temps (Corrected) °C: Cooler 1: (3.7);

Cooler Security

Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

3. COC Present: ☒ ☐
4. Smpl Dates/Time OK: ☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved: ☒ ☐
2. Cooler temp verification: IR-50
3. Cooler media: Ice (Bag)
4. No. Coolers: 1

Quality Control Preservation

Y or N N/A

1. Trip Blank present / cooler: ☐ ☒ ☐
2. Trip Blank listed on COC: ☐ ☒ ☐
3. Samples preserved properly: ☒ ☐ ☐
4. VOCs headspace free: ☒ ☐ ☐

Sample Integrity - Documentation

Y or N

1. Sample labels present on bottles: ☒ ☐
2. Container labeling complete: ☒ ☐
3. Sample container label / COC agree: ☒ ☐

Sample Integrity - Condition

Y or N

1. Sample recvd within HT: ☒ ☐
2. All containers accounted for: ☒ ☐
3. Condition of sample: Intact

Sample Integrity - Instructions

Y or N N/A

1. Analysis requested is clear: ☒ ☐
2. Bottles received for unspecified tests: ☐ ☒
3. Sufficient volume recvd for analysis: ☒ ☐
4. Compositing instructions clear: ☐ ☐ ☒
5. Filtering instructions clear: ☐ ☐ ☒

Test Strip Lot #s:

pH 1-12: 231619

pH 12+: 203117A

Other: (Specify)

Comments

- 1) -1 to -10 Matrix and analyses on COC do not match bottles rec'd. Please verify matrix and analyses.
- 2) Additional samples, TWP-5, TWP-6, and TWP-10, added to COC in SM. Please confirm analysis needed.

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-1 through -10 matrix is SO, analyze only for XTCL20+. Analyze -11 through -13 for XTCL20+, SLCID1633NY21.

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