Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120424\
Data File : BM048827.D
Acq On : 04 Dec 2024 10:52
Operator : RC/JU
Sample : P4776-02
Misc : MDL-WATER-QT4-2024
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2024-08

Quant Time: Dec 04 11:37:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 00:22:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.602	152	3444	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	9059	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.234	164	5140	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.989	188	8781	0.400	ng/ul	0.00
17) Chrysene-d12	21.181	240	4967	0.400	ng/ul	0.00
23) Perylene-d12	23.352	264	6359	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	2983	0.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.976	152	4635	0.425	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	7908m	0.516	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.206	88	661	0.127	ng/ul#	79
5) Naphthalene	10.420	128	1771	0.077	ng/ul#	79
7) 2-Methylnaphthalene	12.047	142	1034	0.078	ng/ul	95
8) 1-Methylnaphthalene	12.267	142	1010	0.072	ng/ul	93
10) Acenaphthylene	13.956	152	1625	0.072	ng/ul#	89
11) Acenaphthene	14.299	153	1257	0.077	ng/ul	98
12) Fluorene	15.302	166	1136	0.067	ng/ul#	95
14) Pentachlorophenol	16.698	266	91m	0.120	ng/ul	
15) Phenanthrene	17.027	178	1558	0.070	ng/ul#	84
16) Anthracene	17.124	178	1320	0.067	ng/ul#	82
19) Fluoranthene	19.044	202	1933	0.085	ng/ul#	83
20) Pyrene	19.411	202	2034	0.086	ng/ul#	86
21) Benzo(a)anthracene	21.166	228	934	0.067	ng/ul#	90
22) Chrysene	21.219	228	1864	0.084	ng/ul#	89
24) Benzo(b)fluoranthene	22.712	252	1250	0.070	ng/ul#	48
25) Benzo(k)fluoranthene	22.756	252	2045	0.082	ng/ul#	47
26) Benzo(a)pyrene	23.264	252	1414	0.077	ng/ul#	26
27) Indeno(1,2,3-cd)pyrene	25.531	276	1791	0.074	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.554	278	1312	0.073	ng/ul#	40
29) Benzo(g,h,i)perylene	26.175	276	1563	0.074	ng/ul#	79

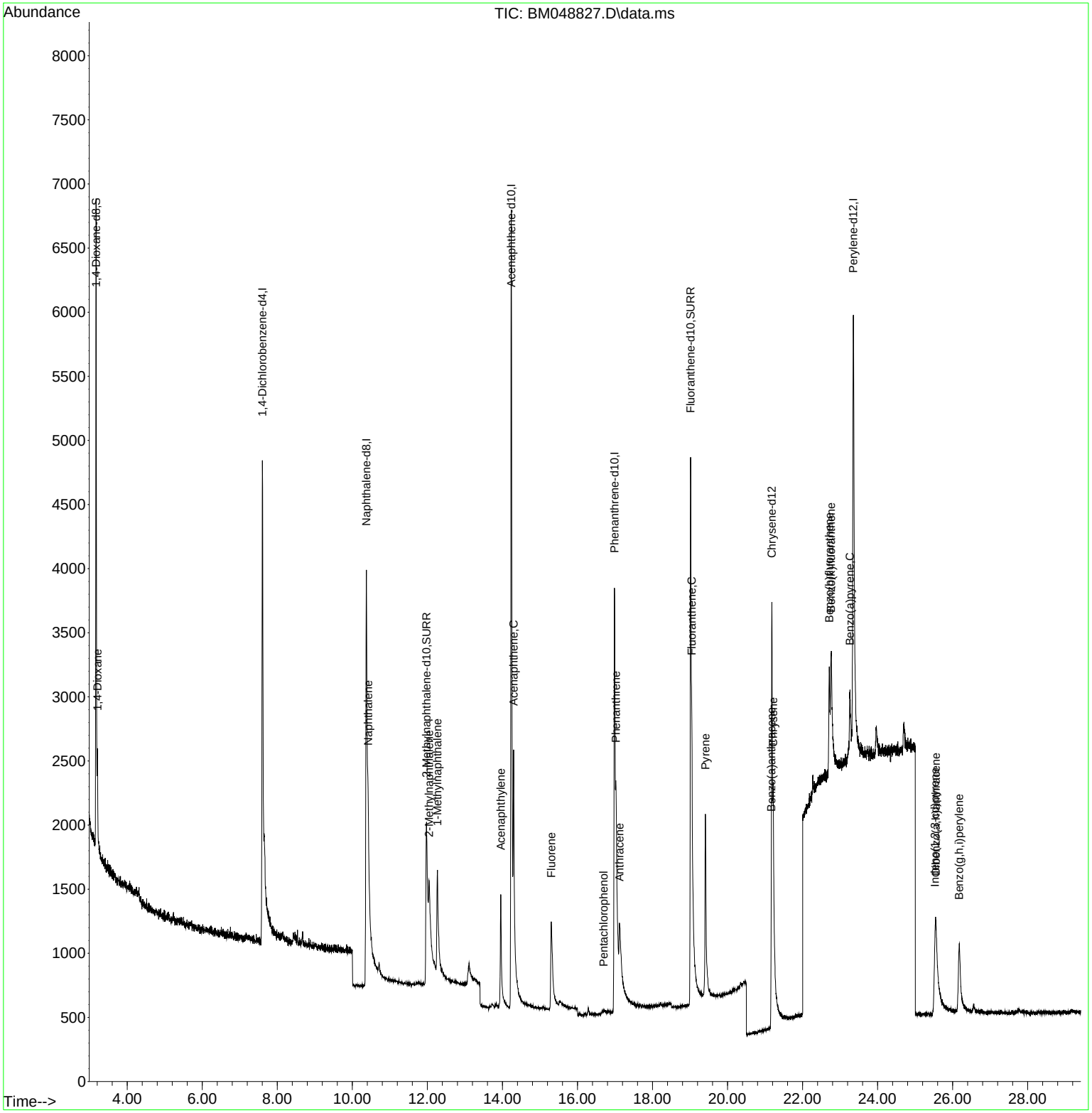
(#) = qualifier out of range (m) = manual integration (+) = signals summed

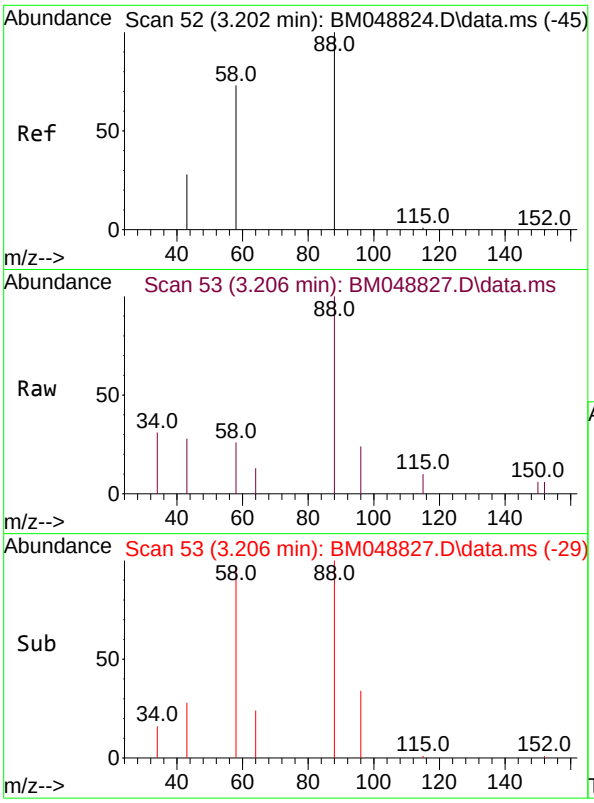
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120424\
Data File : BM048827.D
Acq On : 04 Dec 2024 10:52
Operator : RC/JU
Sample : P4776-02
Misc : MDL-WATER-QT4-2024
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2024-08

Quant Time: Dec 04 11:37:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM120324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 03 00:22:16 2024
Response via : Initial Calibration



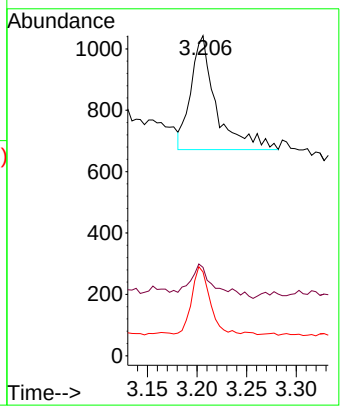


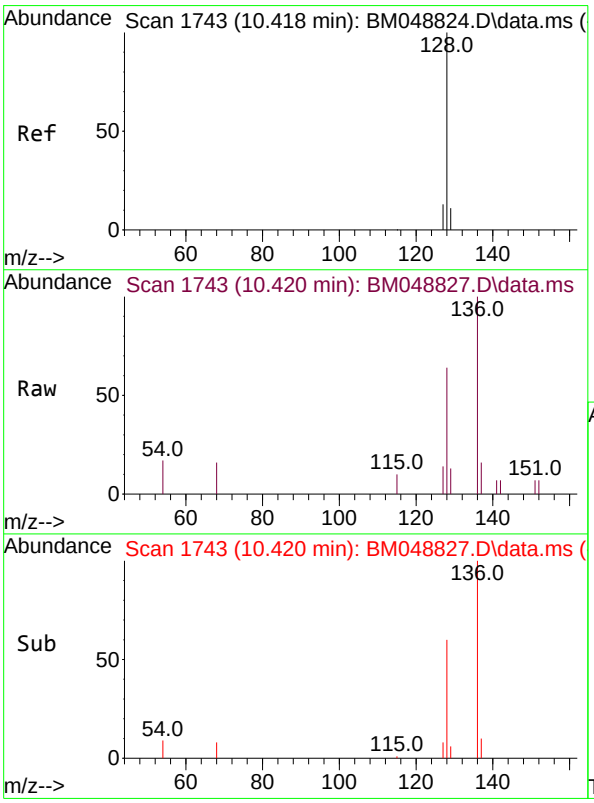
#2
1,4-Dioxane
Concen: 0.127 ng/ul
RT: 3.206 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion: 88 Resp: 661

Ion	Ratio	Lower	Upper
88	100		
43	27.6	20.6	30.8
58	26.2	37.6	56.4#

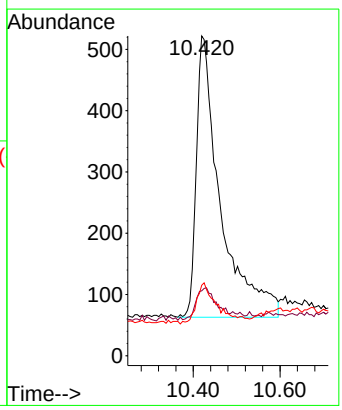


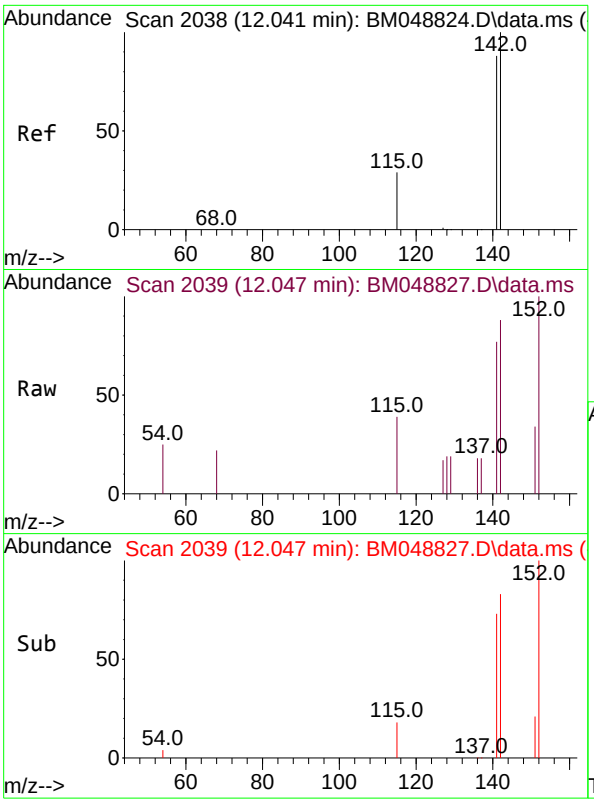


#5
Naphthalene
Concen: 0.077 ng/ul
RT: 10.420 min Scan# 1743
Delta R.T. -0.005 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Tgt Ion:128 Resp: 1771

Ion	Ratio	Lower	Upper
128	100		
129	20.3	9.6	14.4#
127	22.0	10.7	16.1#



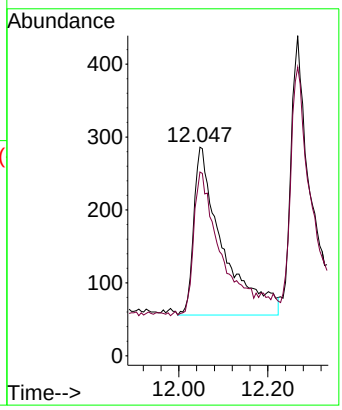


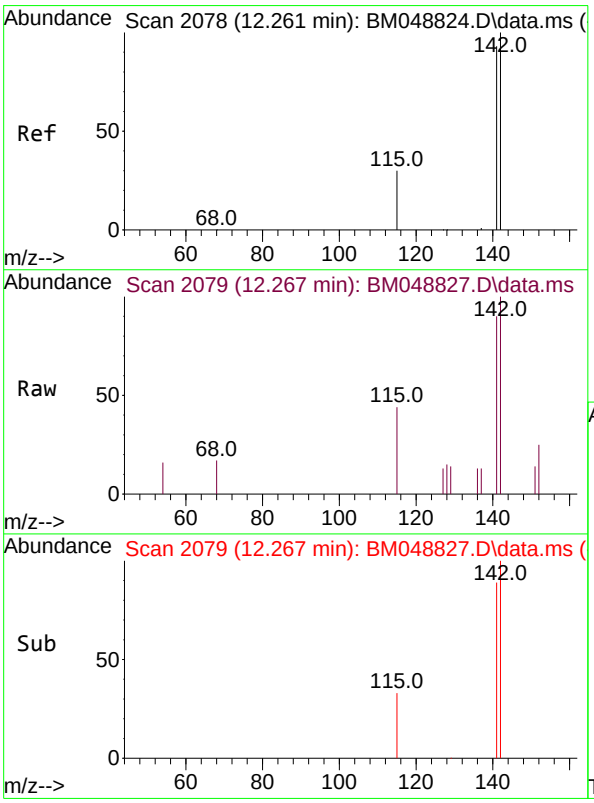
#7
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.047 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:142 Resp: 1034

Ion	Ratio	Lower	Upper
142	100		
141	86.2	73.0	109.6

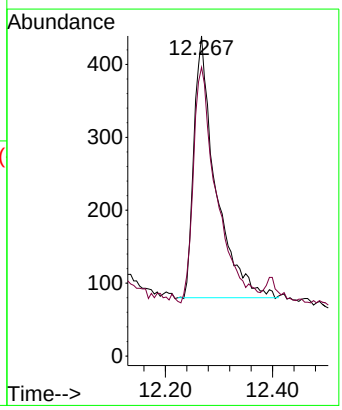


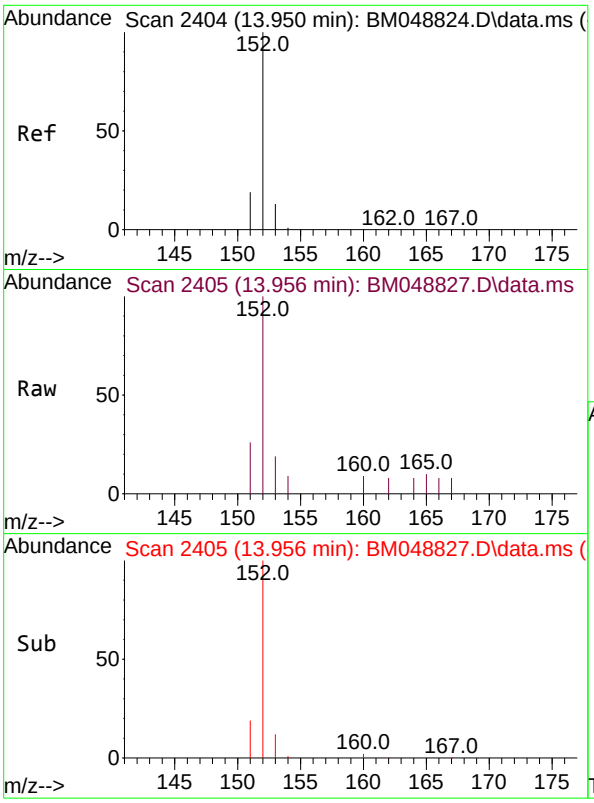


#8
1-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.267 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Tgt Ion:142 Resp: 1010

Ion	Ratio	Lower	Upper
142	100		
141	97.3	72.5	108.7



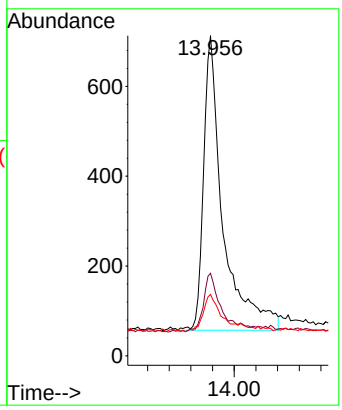


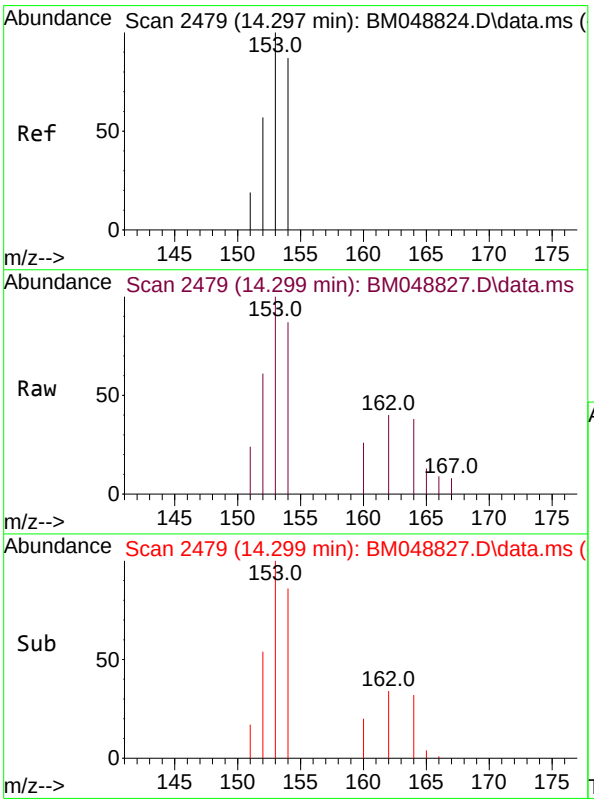
#10
Acenaphthylene
Concen: 0.072 ng/ul
RT: 13.956 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:152 Resp: 1625

Ion	Ratio	Lower	Upper
152	100		
151	25.8	16.3	24.5#
153	19.2	11.7	17.5#

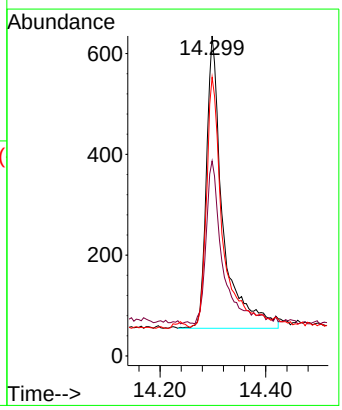


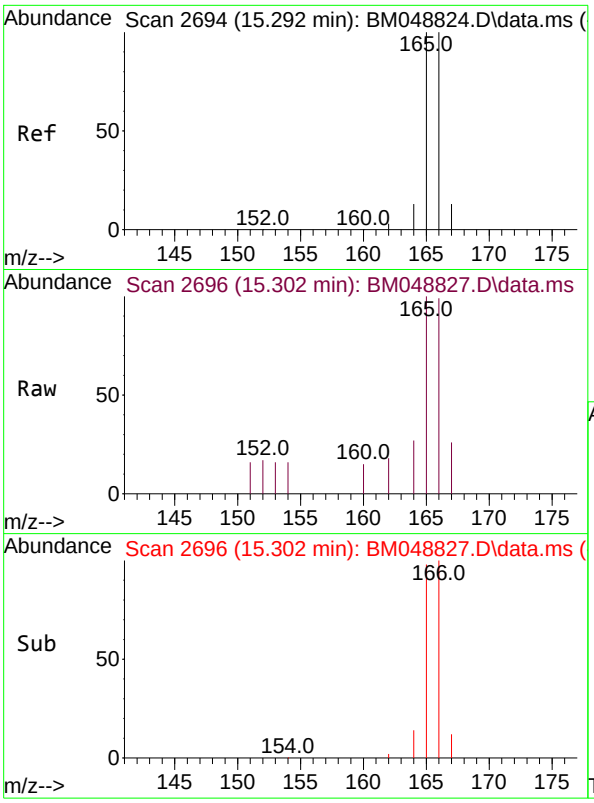


#11
Acenaphthene
Concen: 0.077 ng/ul
RT: 14.299 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Tgt Ion:153 Resp: 1257

Ion	Ratio	Lower	Upper
153	100		
152	60.9	46.5	69.7
154	87.1	68.7	103.1



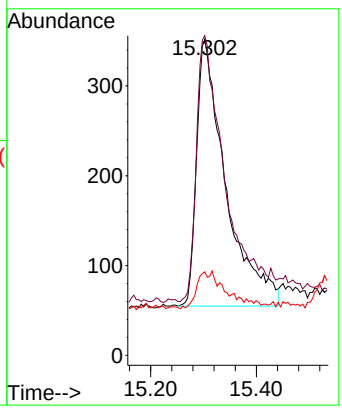


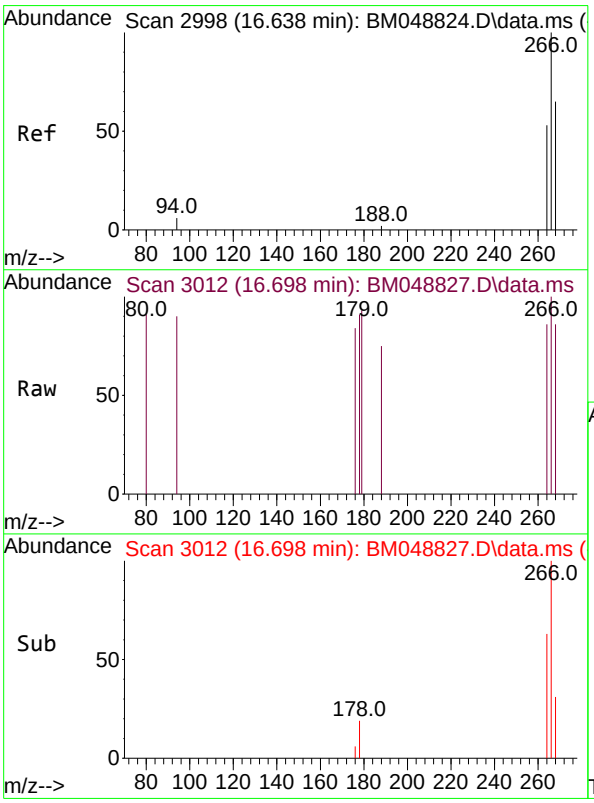
#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.302 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:166 Resp: 1136

Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.8	119.6
167	26.4	12.2	18.2#

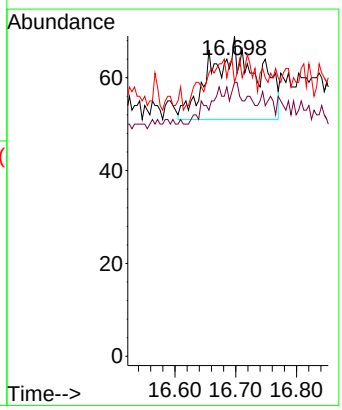


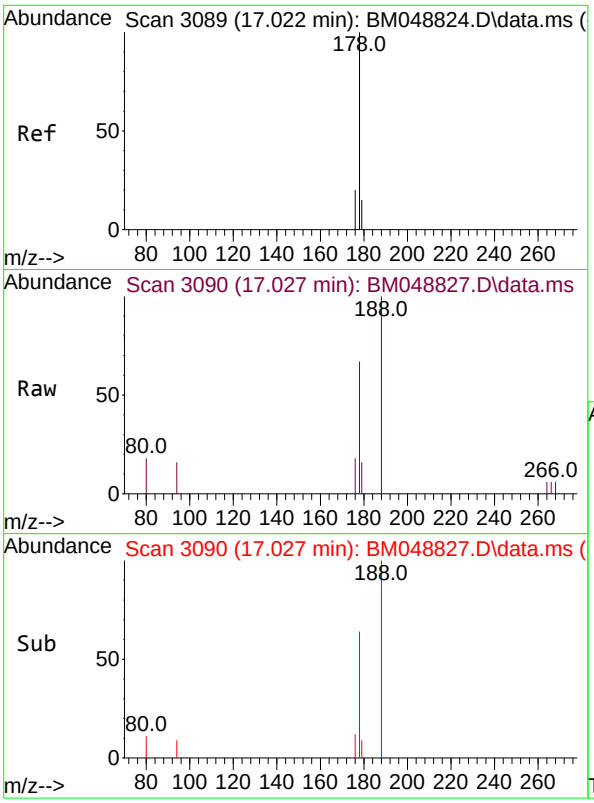


#14
Pentachlorophenol
Concen: 0.120 ng/ul m
RT: 16.698 min Scan# 3012
Delta R.T. 0.042 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Tgt Ion:266 Resp: 91

Ion	Ratio	Lower	Upper
266	100		
264	6.6	15.3	22.9#
268	0.0	0.0	0.0



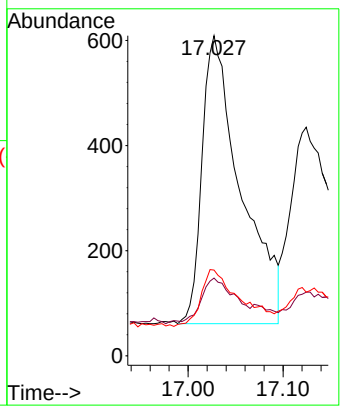


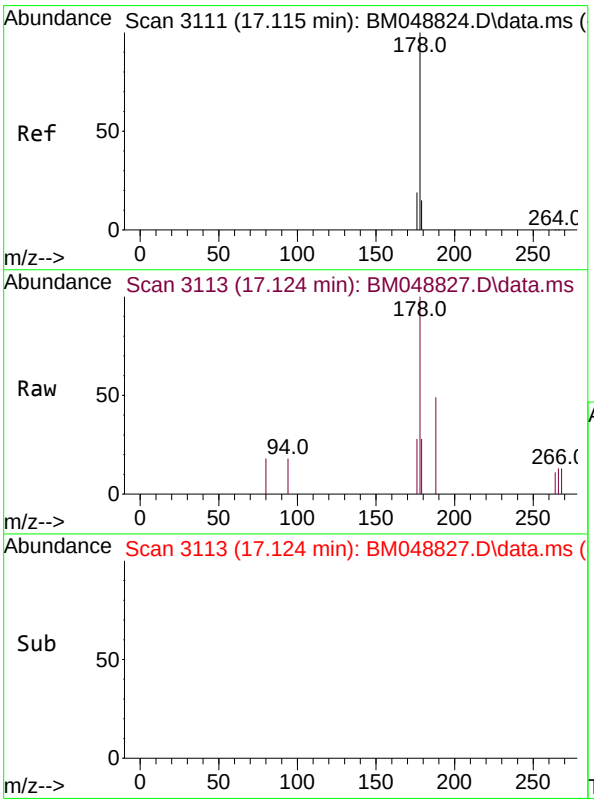
#15
Phenanthrene
Concen: 0.070 ng/ul
RT: 17.027 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:178 Resp: 1558

Ion	Ratio	Lower	Upper
178	100		
179	24.3	13.4	20.0#
176	26.8	16.2	24.4#

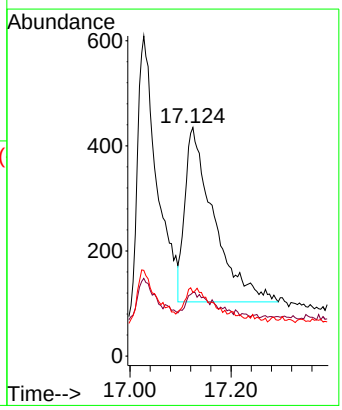


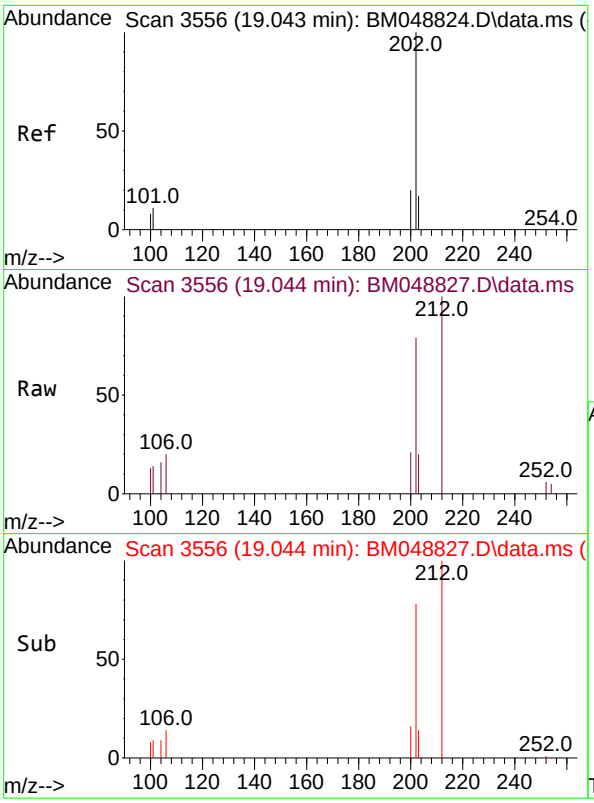


#16
Anthracene
Concen: 0.067 ng/ul
RT: 17.124 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Tgt Ion:178 Resp: 1320

Ion	Ratio	Lower	Upper
178	100		
179	27.8	14.0	21.0#
176	27.8	17.0	25.4#



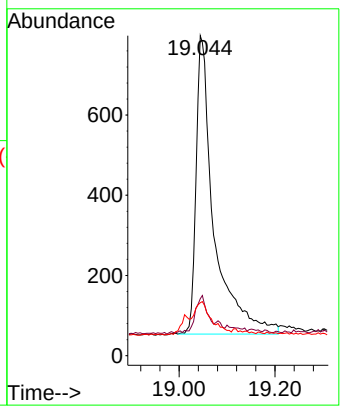


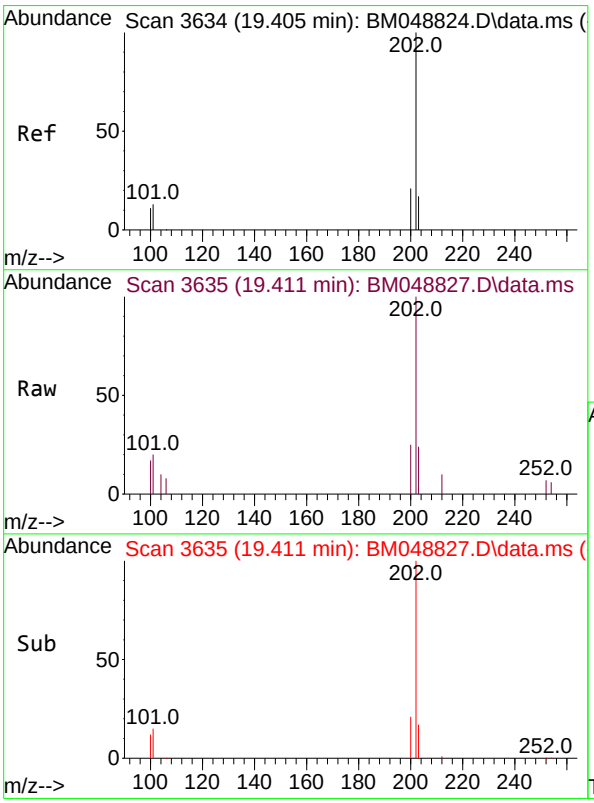
#19
Fluoranthene
Concen: 0.085 ng/ul
RT: 19.044 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:202 Resp: 1933

Ion	Ratio	Lower	Upper
202	100		
101	17.8	9.7	14.5#
100	16.5	7.5	11.3#

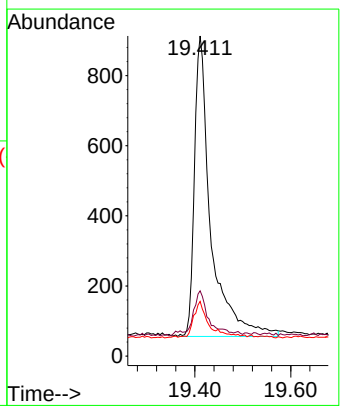


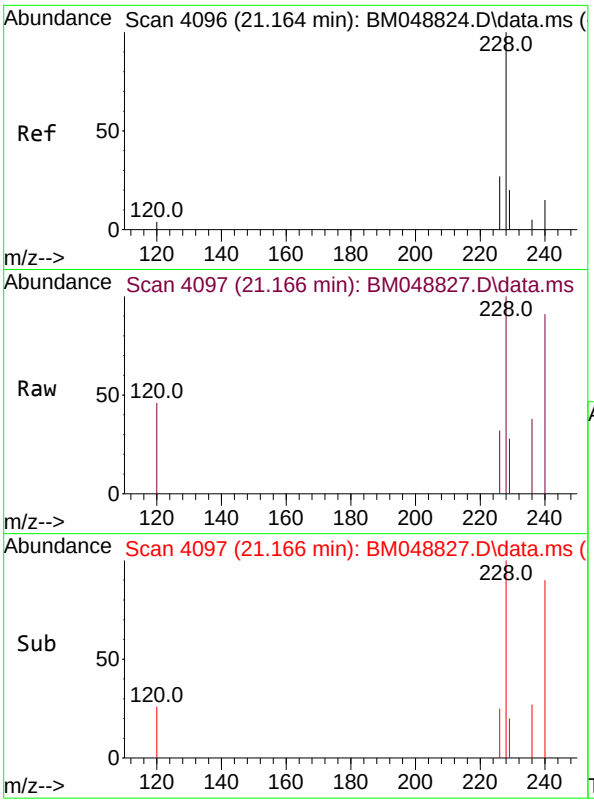


#20
Pyrene
Concen: 0.086 ng/ul
RT: 19.411 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Tgt Ion:202 Resp: 2034

Ion	Ratio	Lower	Upper
202	100		
101	20.4	11.6	17.4#
100	17.1	9.4	14.0#



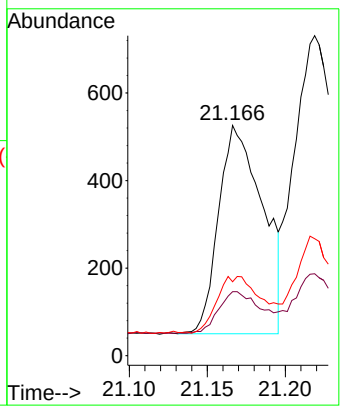


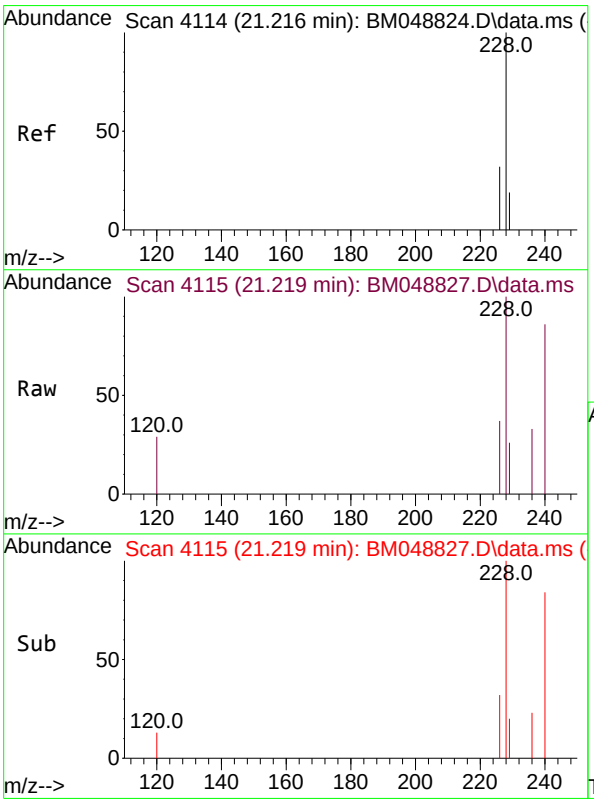
#21
Benzo(a)anthracene
Concen: 0.067 ng/ul
RT: 21.166 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:228 Resp: 934

Ion	Ratio	Lower	Upper
228	100		
229	27.8	17.0	25.6#
226	32.1	22.5	33.7

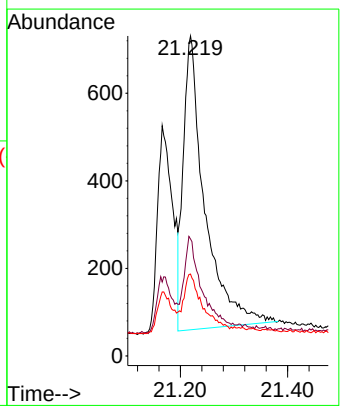


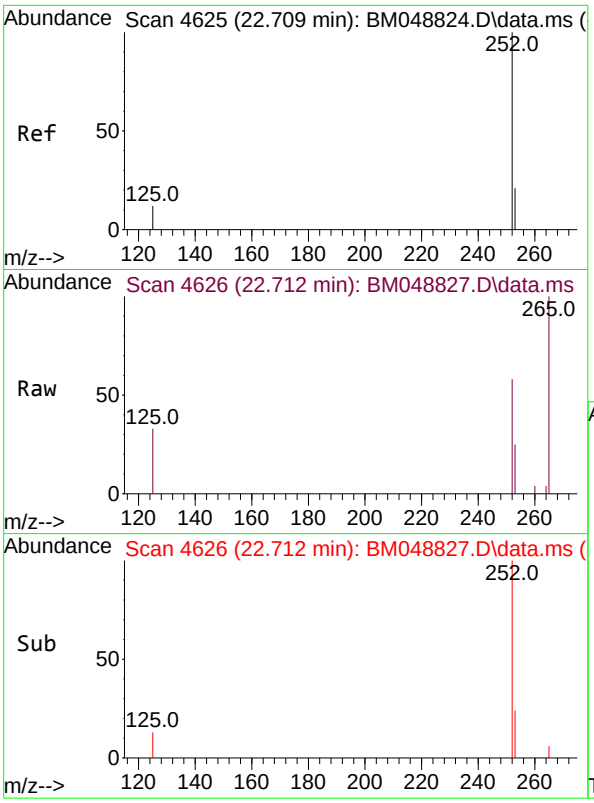


#22
Chrysene
Concen: 0.084 ng/ul
RT: 21.219 min Scan# 4115
Delta R.T. -0.003 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Tgt Ion:228 Resp: 1864

Ion	Ratio	Lower	Upper
228	100		
226	36.5	24.6	37.0
229	25.6	16.1	24.1#



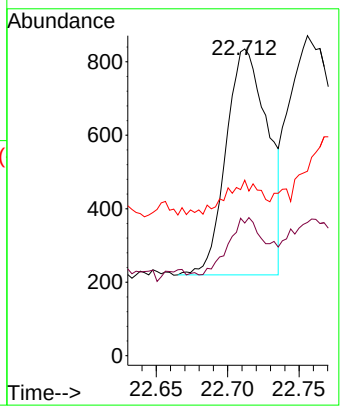


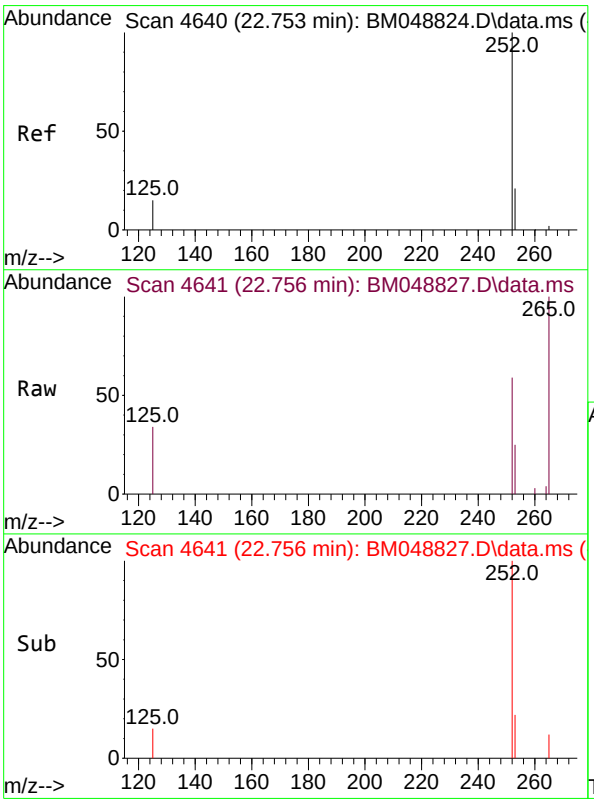
#24
Benzo(b)fluoranthene
Concen: 0.070 ng/ul
RT: 22.712 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:252 Resp: 1250

Ion	Ratio	Lower	Upper
252	100		
253	43.2	0.0	54.2
125	57.2	0.0	41.4#

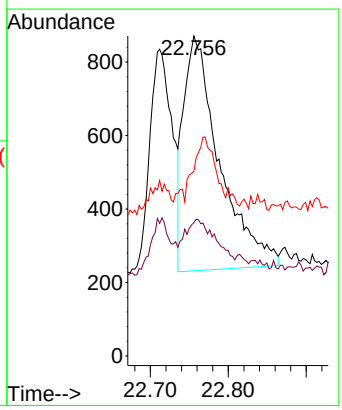


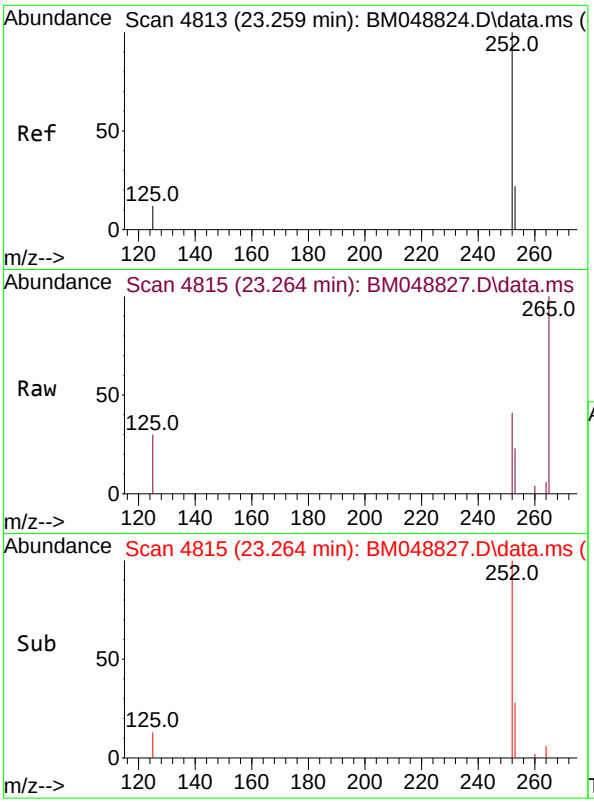


#25
Benzo(k)fluoranthene
Concen: 0.082 ng/ul
RT: 22.756 min Scan# 4641
Delta R.T. -0.009 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Tgt Ion:252 Resp: 2045

Ion	Ratio	Lower	Upper
252	100		
253	41.7	20.8	31.2#
125	57.6	16.2	24.4#



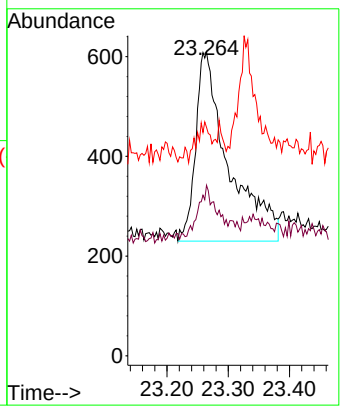


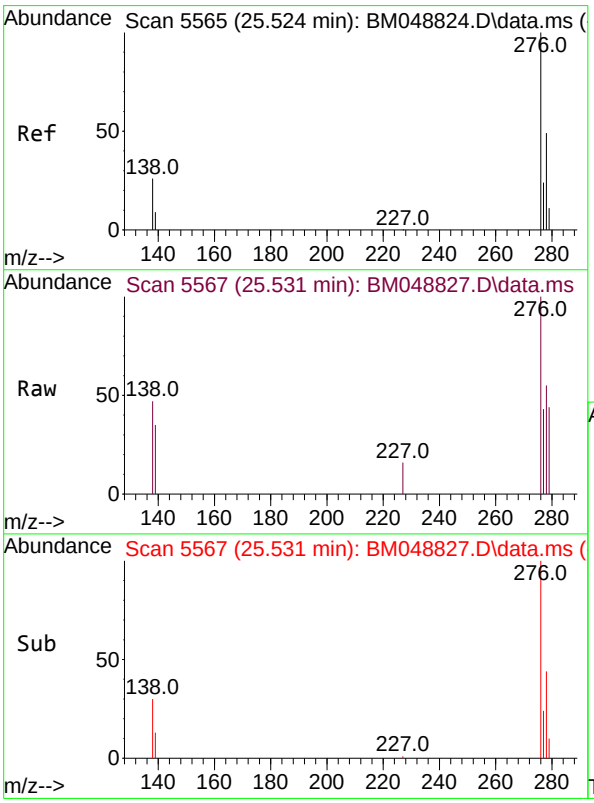
#26
Benzo(a)pyrene
Concen: 0.077 ng/ul
RT: 23.264 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:252 Resp: 1414

Ion	Ratio	Lower	Upper
252	100		
253	56.2	22.5	33.7#
125	75.2	20.6	30.8#

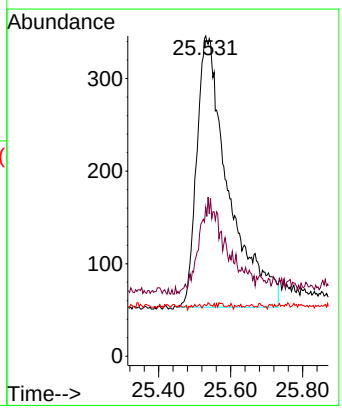


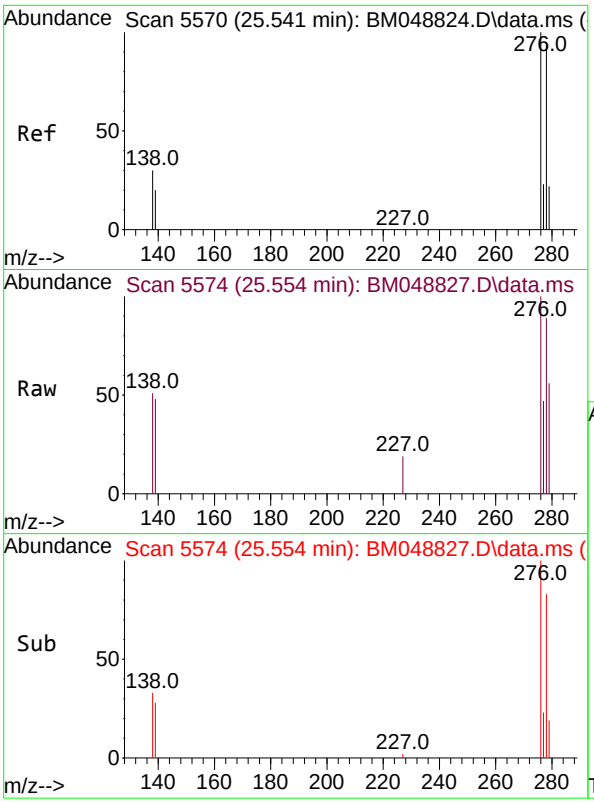


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.074 ng/ul
RT: 25.531 min Scan# 5567
Delta R.T. -0.017 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Tgt Ion:276 Resp: 1791

Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.3	34.9
227	0.4	0.1	0.1#



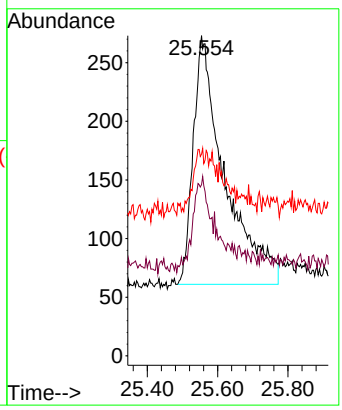


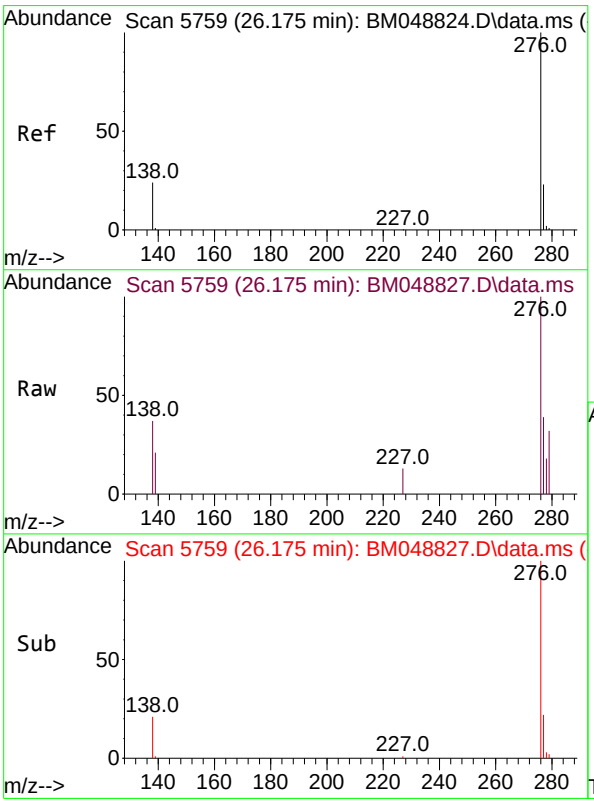
#28
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul
RT: 25.554 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT4-2024-08

Tgt Ion:278 Resp: 1312

Ion	Ratio	Lower	Upper
278	100		
139	53.5	18.6	27.8#
279	63.0	24.7	37.1#





#29
Benzo(g,h,i)perylene
Concen: 0.074 ng/ul
RT: 26.175 min Scan# 5759
Delta R.T. -0.020 min
Lab File: BM048827.D
Acq: 04 Dec 2024 10:52

Tgt Ion:276 Resp: 1563

Ion	Ratio	Lower	Upper
276	100		
138	37.0	22.2	33.2#
277	39.4	21.8	32.6#