Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120324\
Data File : BM048810.D
Acq On : 02 Dec 2024 18:07
Operator : RC/JU
Sample : SSTD0.219
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2049

Quant Time: Dec 03 00:12:27 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 00:10:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	3179	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	8788	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	4909	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.994	188	9125	0.400	ng/ul	0.00
17) Chrysene-d12	21.190	240	5723	0.400	ng/ul	0.00
23) Perylene-d12	23.370	264	6958	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	877	0.228	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	2097	0.182	ng/ul	0.00
18) Fluoranthene-d10	19.025	212	3674	0.192	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.210	88	1130	0.263	ng/ul#	88
5) Naphthalene	10.425	128	4521	0.201	ng/ul#	93
7) 2-Methylnaphthalene	12.058	142	2535	0.172	ng/ul	99
8) 1-Methylnaphthalene	12.273	142	2744	0.184	ng/ul	99
10) Acenaphthylene	13.961	152	4310	0.185	ng/ul	97
11) Acenaphthene	14.303	153	3085	0.195	ng/ul	99
12) Fluorene	15.302	166	3112	0.177	ng/ul#	93
14) Pentachlorophenol	16.656	266	19	0.007	ng/ul#	61
15) Phenanthrene	17.036	178	4441	0.170	ng/ul	96
16) Anthracene	17.129	178	3995	0.153	ng/ul	94
19) Fluoranthene	19.053	202	5558	0.191	ng/ul#	92
20) Pyrene	19.416	202	5854	0.188	ng/ul	95
21) Benzo(a)anthracene	21.175	228	3155	0.116	ng/ul	97
22) Chrysene	21.225	228	5458	0.211	ng/ul	99
24) Benzo(b)fluoranthene	22.721	252	3710	0.128	ng/ul	88
25) Benzo(k)fluoranthene	22.765	252	5559	0.192	ng/ul#	88
26) Benzo(a)pyrene	23.273	252	4080	0.152	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.547	276	5118	0.144	ng/ul	94
28) Dibenzo(a,h)anthracene	25.571	278	3824	0.144	ng/ul#	82
29) Benzo(g,h,i)perylene	26.198	276	4462	0.158	ng/ul	95

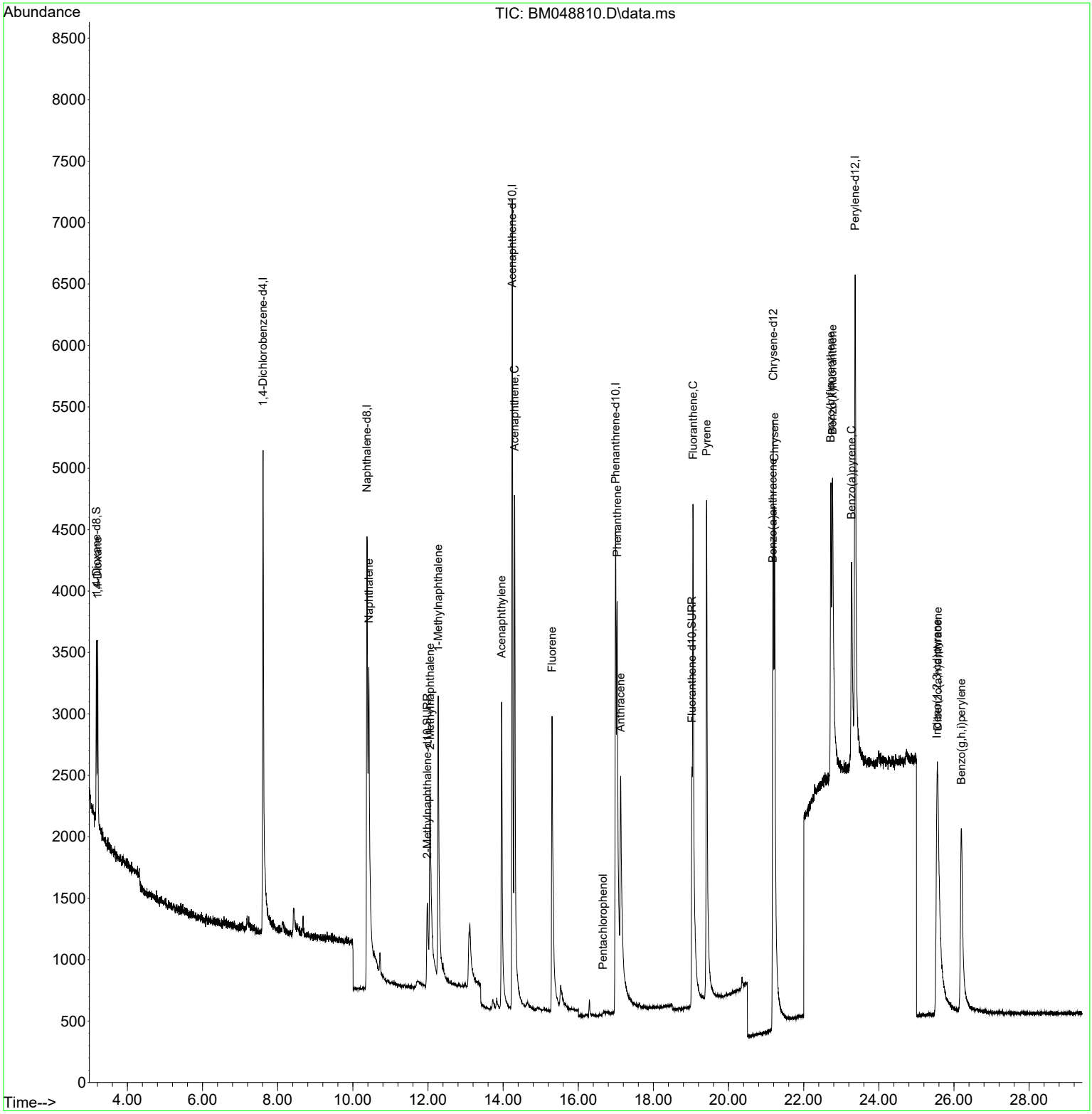
(#) = qualifier out of range (m) = manual integration (+) = signals summed

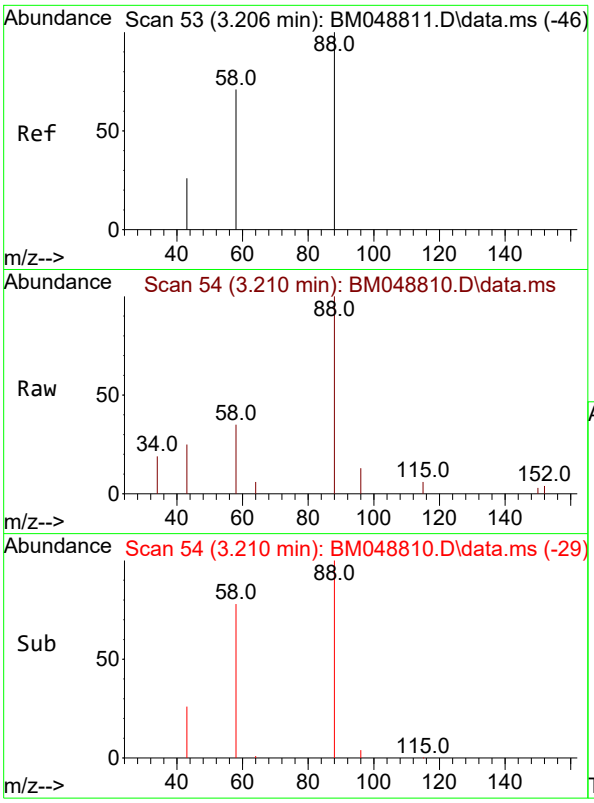
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120324\
Data File : BM048810.D
Acq On : 02 Dec 2024 18:07
Operator : RC/JU
Sample : SSTD0.219
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.2049

Quant Time: Dec 03 00:12:27 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 00:10:10 2024
Response via : Initial Calibration



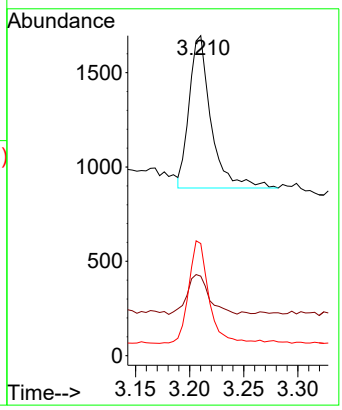


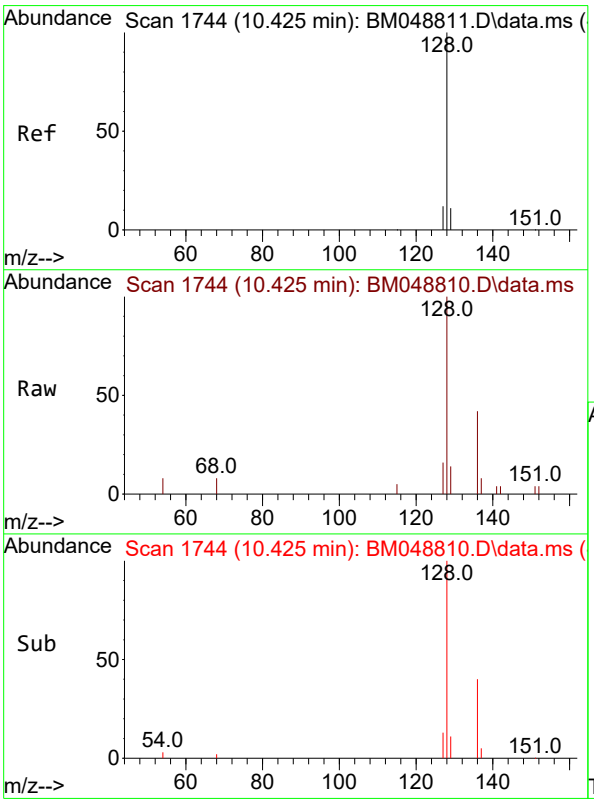
#2
1,4-Dioxane
Concen: 0.263 ng/ul
RT: 3.210 min Scan# 54
Delta R.T. 0.004 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.2049

Tgt Ion: 88 Resp: 1130

Ion	Ratio	Lower	Upper
88	100		
43	24.8	20.6	30.8
58	35.0	37.6	56.4#

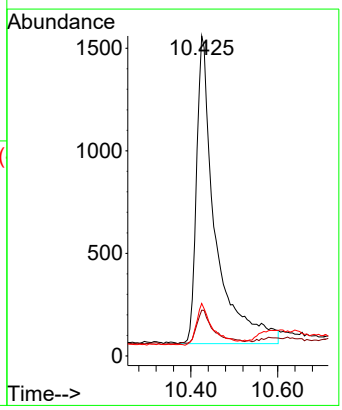


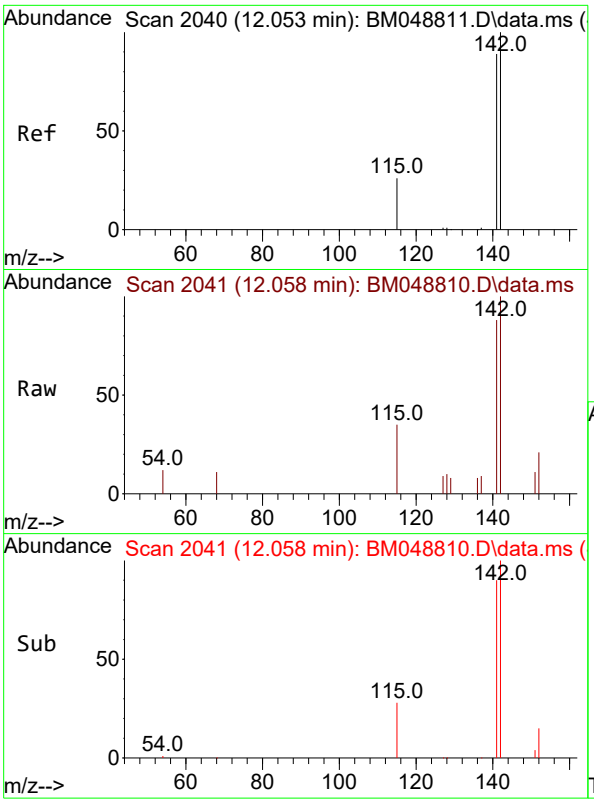


#5
Naphthalene
Concen: 0.201 ng/ul
RT: 10.425 min Scan# 1744
Delta R.T. 0.000 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Tgt Ion:128 Resp: 4521

Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.6	14.4
127	16.4	10.7	16.1#



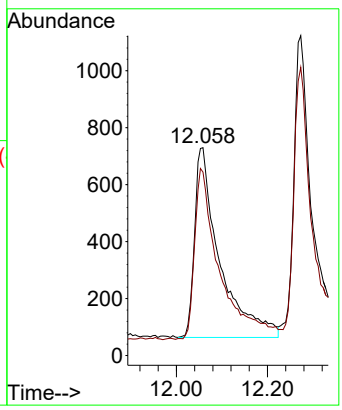


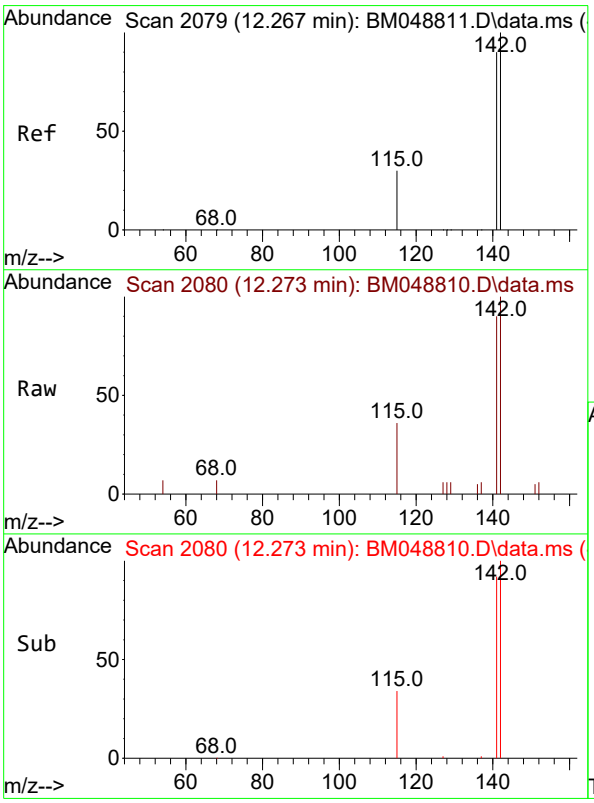
#7
2-Methylnaphthalene
Concen: 0.172 ng/ul
RT: 12.058 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.2049

Tgt Ion:142 Resp: 2535

Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.0	109.6

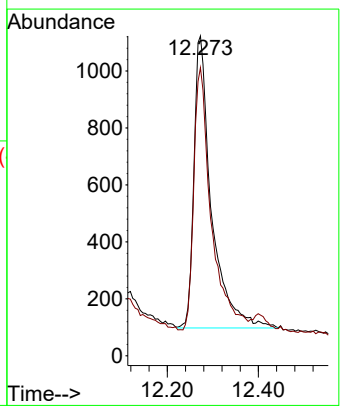


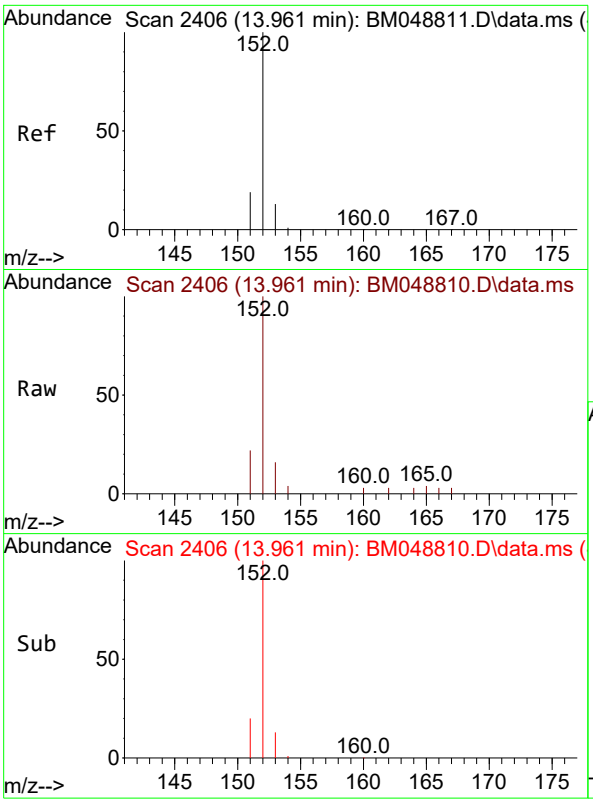


#8
1-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.273 min Scan# 2080
Delta R.T. 0.006 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Tgt Ion:142 Resp: 2744

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.5	108.7



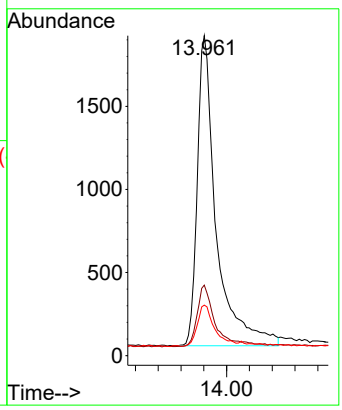


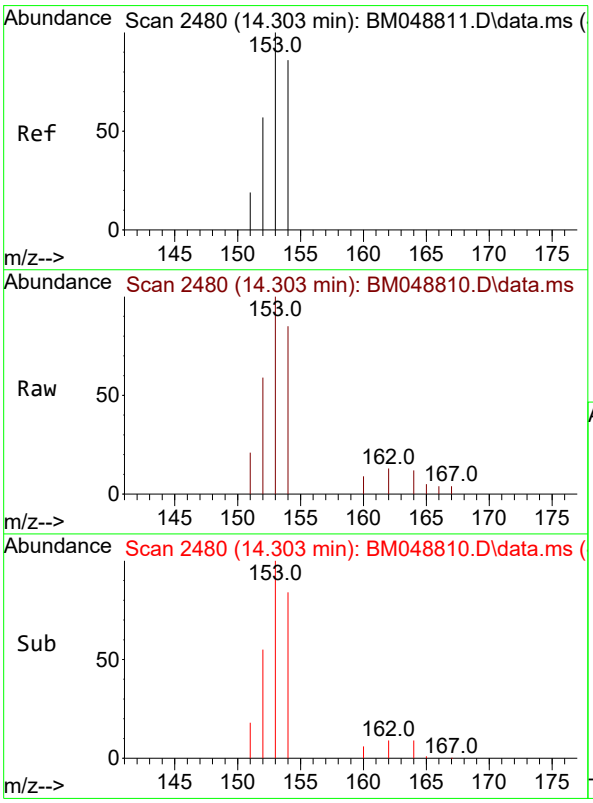
#10
Acenaphthylene
Concen: 0.185 ng/ul
RT: 13.961 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.2049

Tgt Ion:152 Resp: 4310

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.3	24.5
153	15.8	11.7	17.5

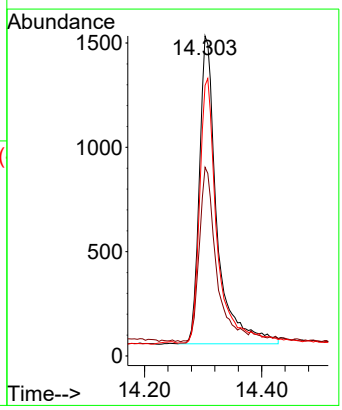


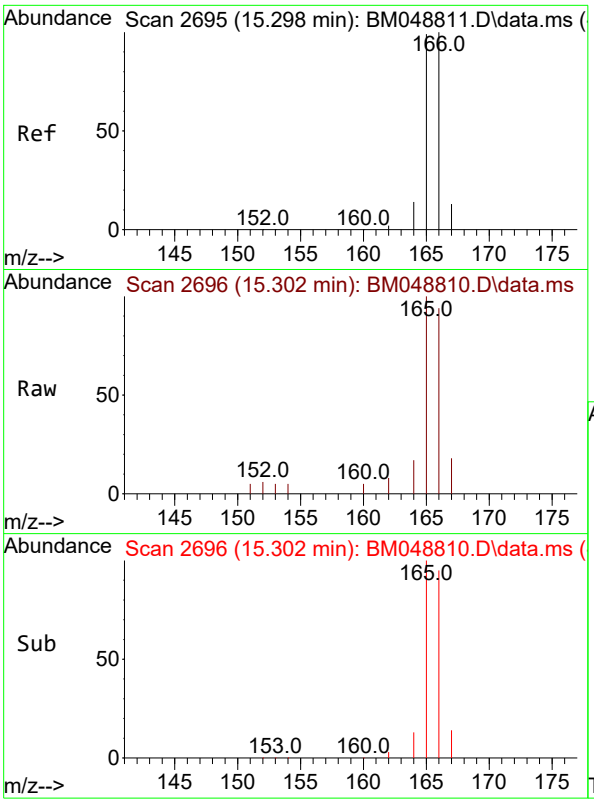


#11
Acenaphthene
Concen: 0.195 ng/ul
RT: 14.303 min Scan# 2480
Delta R.T. 0.000 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Tgt Ion:153 Resp: 3085

Ion	Ratio	Lower	Upper
153	100		
152	58.9	46.5	69.7
154	84.6	68.7	103.1



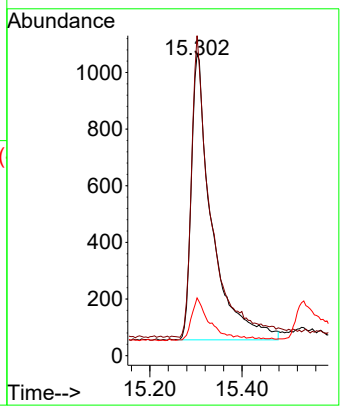


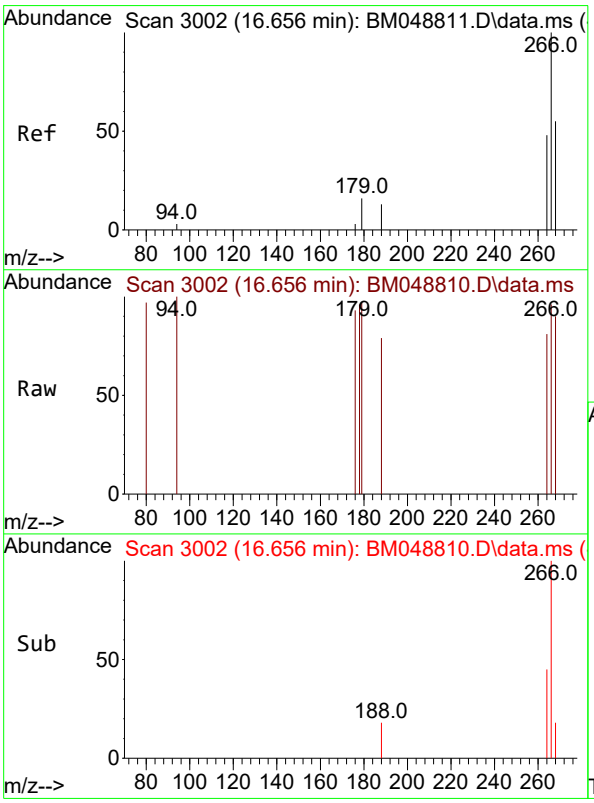
#12
Fluorene
Concen: 0.177 ng/ul
RT: 15.302 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.2049

Tgt Ion:166 Resp: 3112

Ion	Ratio	Lower	Upper
166	100		
165	106.1	79.8	119.6
167	19.2	12.2	18.2#

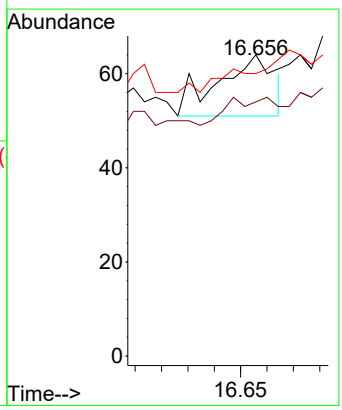


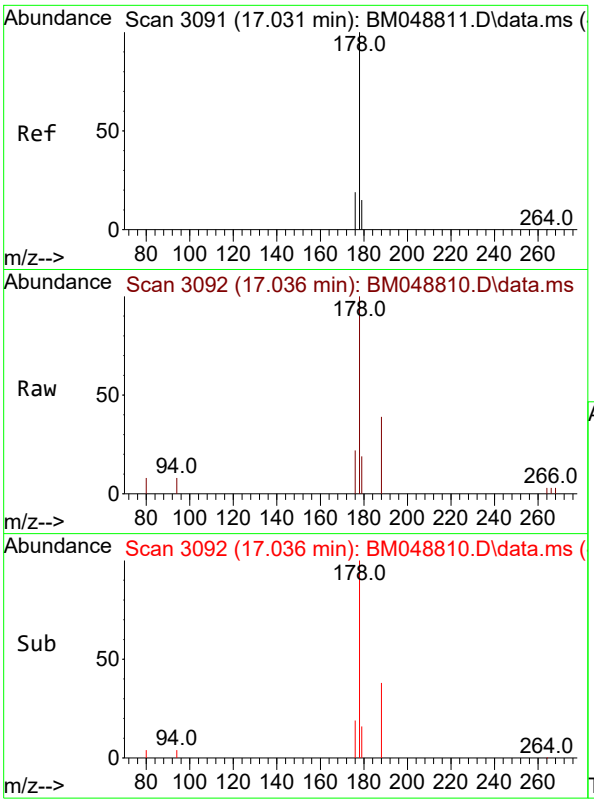


#14
Pentachlorophenol
Concen: 0.007 ng/ul
RT: 16.656 min Scan# 3002
Delta R.T. 0.000 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Tgt Ion:266 Resp: 19

Ion	Ratio	Lower	Upper
266	100		
264	36.8	15.3	22.9#
268	0.0	0.0	0.0



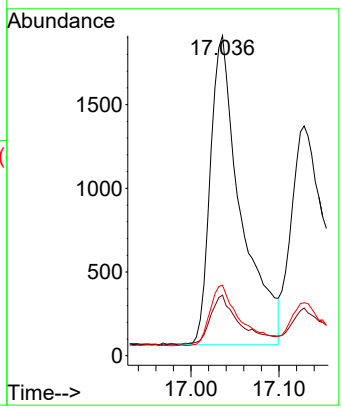


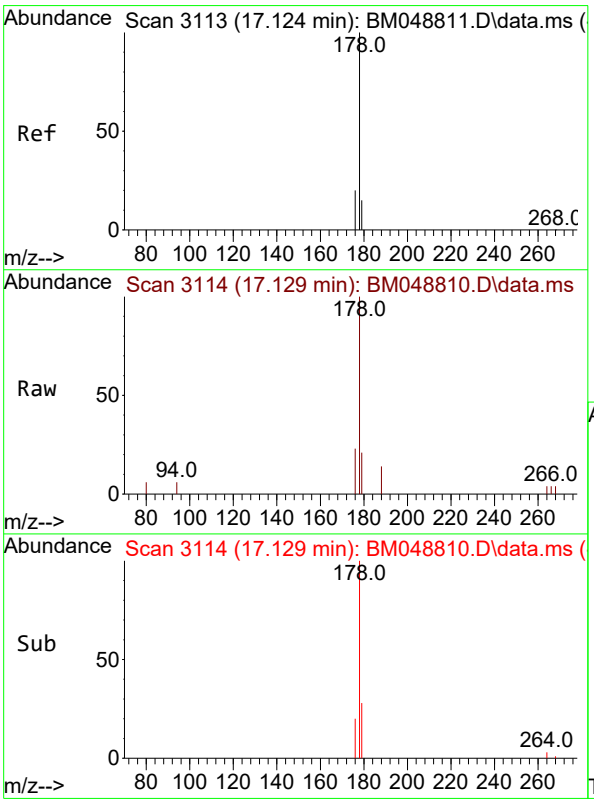
#15
Phenanthrene
Concen: 0.170 ng/ul
RT: 17.036 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.2049

Tgt Ion:178 Resp: 4441

Ion	Ratio	Lower	Upper
178	100		
179	18.9	13.4	20.0
176	22.1	16.2	24.4

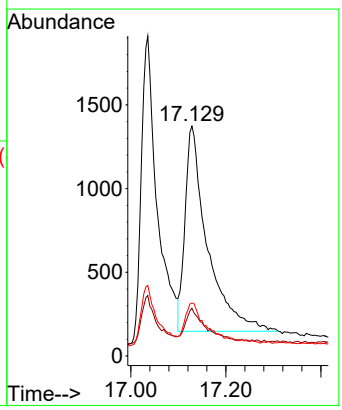


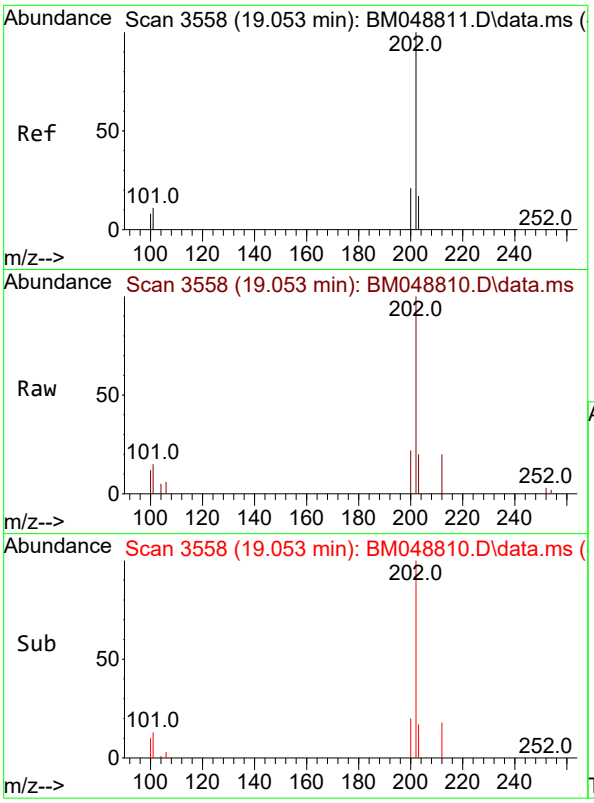


#16
Anthracene
Concen: 0.153 ng/ul
RT: 17.129 min Scan# 3114
Delta R.T. 0.004 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Tgt Ion:178 Resp: 3995

Ion	Ratio	Lower	Upper
178	100		
179	20.8	14.0	21.0
176	23.1	17.0	25.4



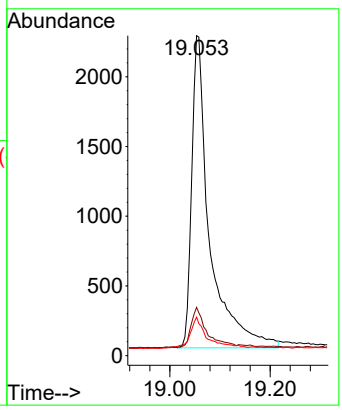


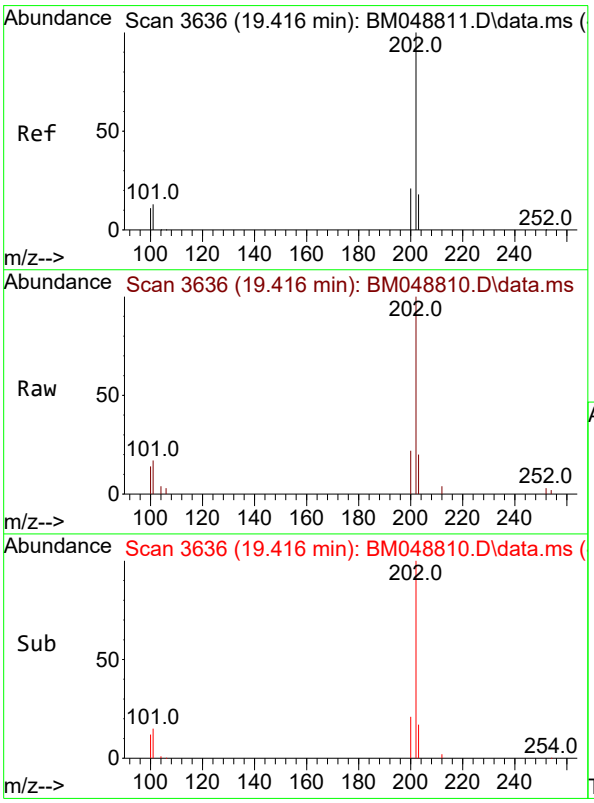
#19
Fluoranthene
Concen: 0.191 ng/ul
RT: 19.053 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.2049

Tgt Ion:202 Resp: 5558

Ion	Ratio	Lower	Upper
202	100		
101	15.1	9.7	14.5#
100	12.0	7.5	11.3#

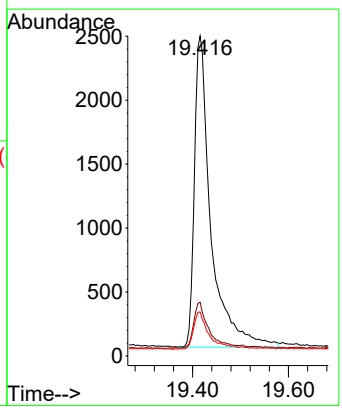


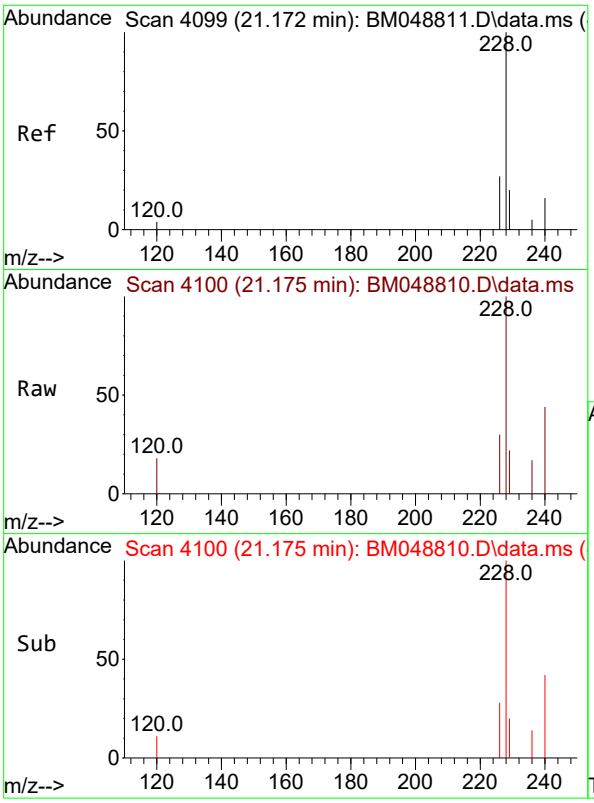


#20
Pyrene
Concen: 0.188 ng/ul
RT: 19.416 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Tgt Ion:202 Resp: 5854

Ion	Ratio	Lower	Upper
202	100		
101	16.8	11.6	17.4
100	13.7	9.4	14.0



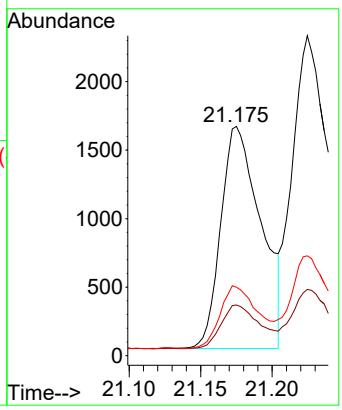


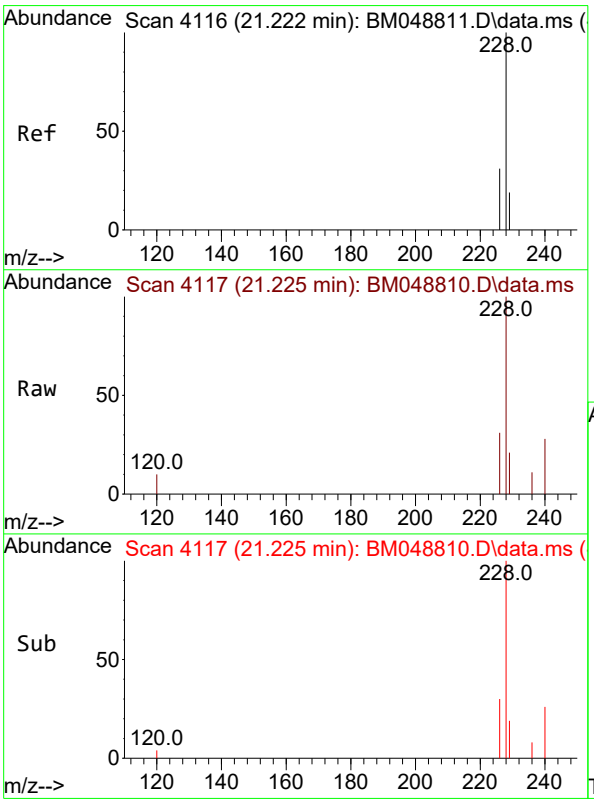
#21
Benzo(a)anthracene
Concen: 0.116 ng/ul
RT: 21.175 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.2049

Tgt Ion:228 Resp: 3155

Ion	Ratio	Lower	Upper
228	100		
229	22.1	17.0	25.6
226	29.9	22.5	33.7

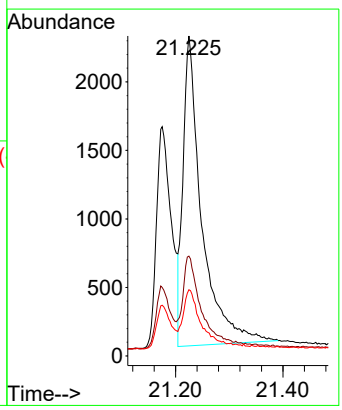


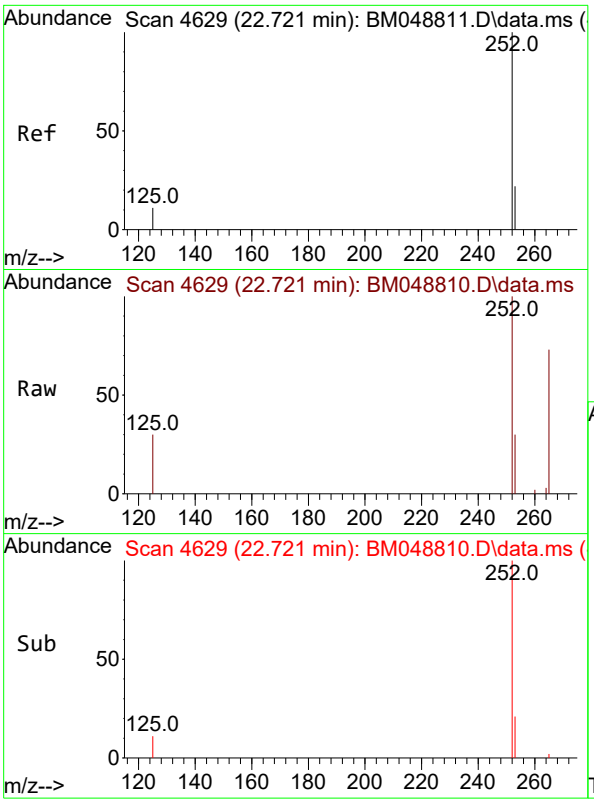


#22
Chrysene
Concen: 0.211 ng/ul
RT: 21.225 min Scan# 4117
Delta R.T. 0.003 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Tgt Ion:228 Resp: 5458

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.6	37.0
229	20.7	16.1	24.1



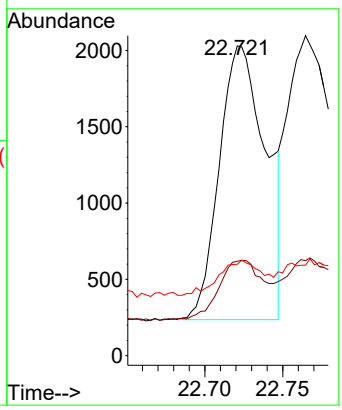


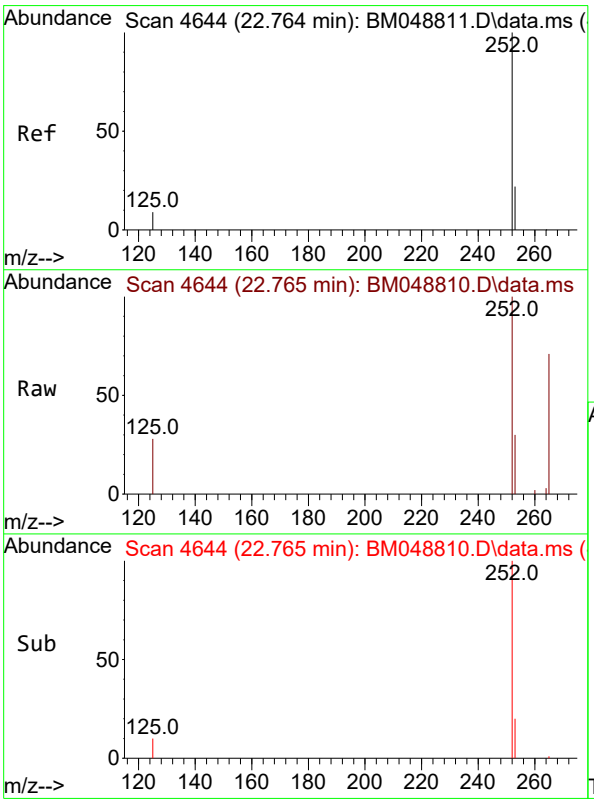
#24
Benzo(b)fluoranthene
Concen: 0.128 ng/ul
RT: 22.721 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.2049

Tgt Ion:252 Resp: 3710

Ion	Ratio	Lower	Upper
252	100		
253	30.5	0.0	54.2
125	29.5	0.0	41.4

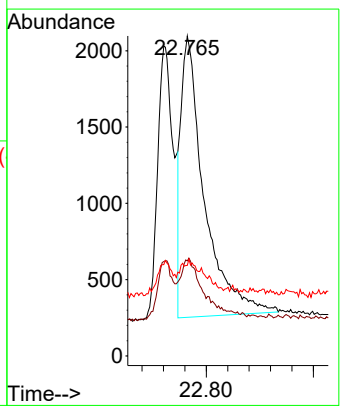


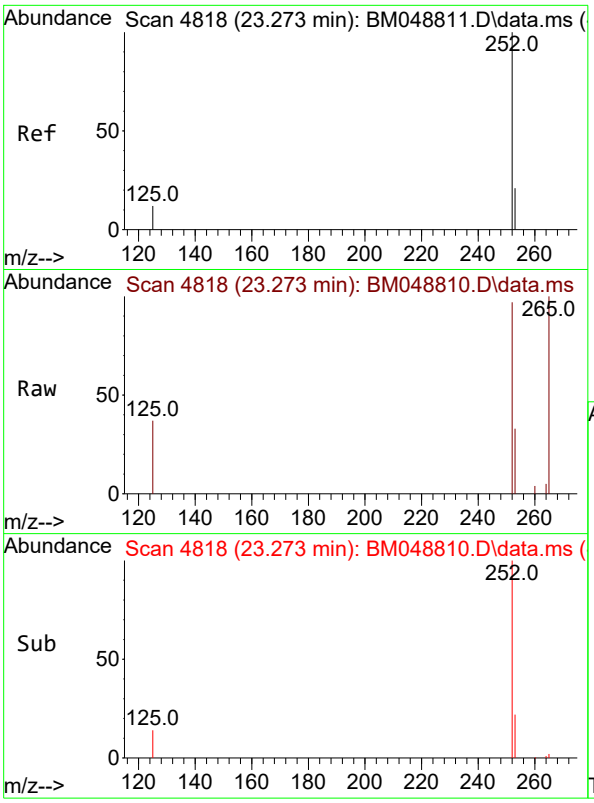


#25
Benzo(k)fluoranthene
Concen: 0.192 ng/ul
RT: 22.765 min Scan# 4644
Delta R.T. 0.000 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Tgt Ion:252 Resp: 5559

Ion	Ratio	Lower	Upper
252	100		
253	29.7	20.8	31.2
125	28.3	16.2	24.4#



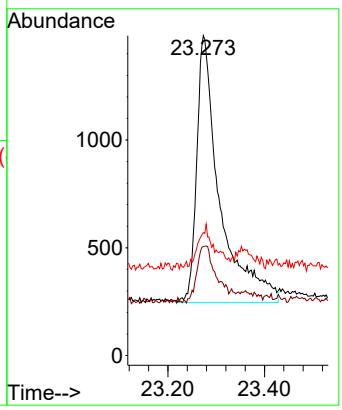


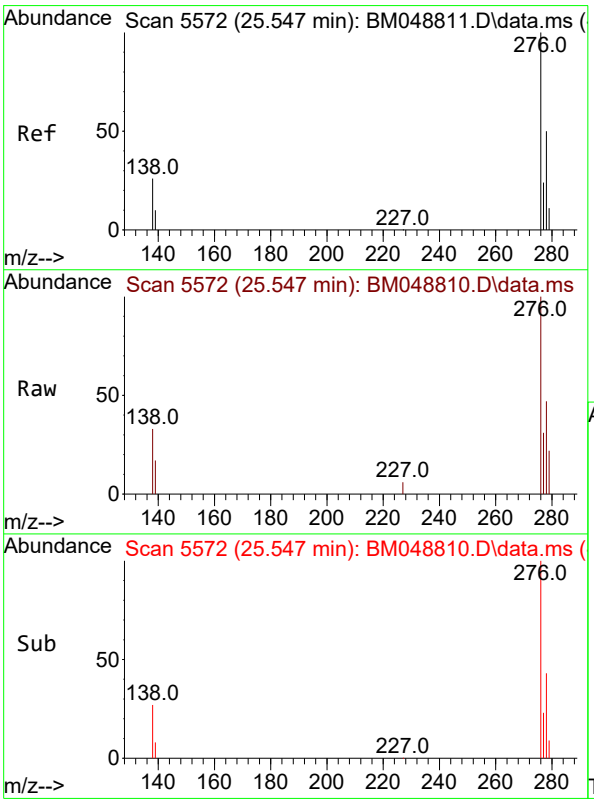
#26
Benzo(a)pyrene
Concen: 0.152 ng/ul
RT: 23.273 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.2049

Tgt Ion:252 Resp: 4080

Ion	Ratio	Lower	Upper
252	100		
253	34.1	22.5	33.7#
125	38.4	20.6	30.8#

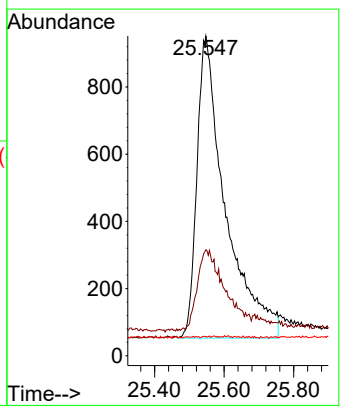


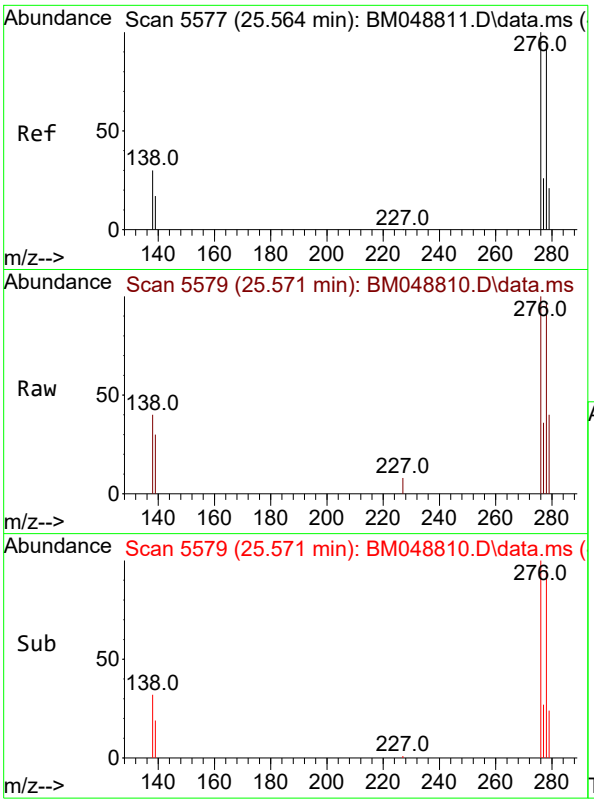


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.144 ng/ul
RT: 25.547 min Scan# 5572
Delta R.T. 0.000 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Tgt Ion:276 Resp: 5118

Ion	Ratio	Lower	Upper
276	100		
138	25.7	23.3	34.9
227	0.1	0.1	0.1



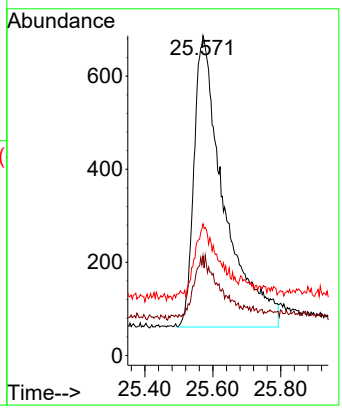


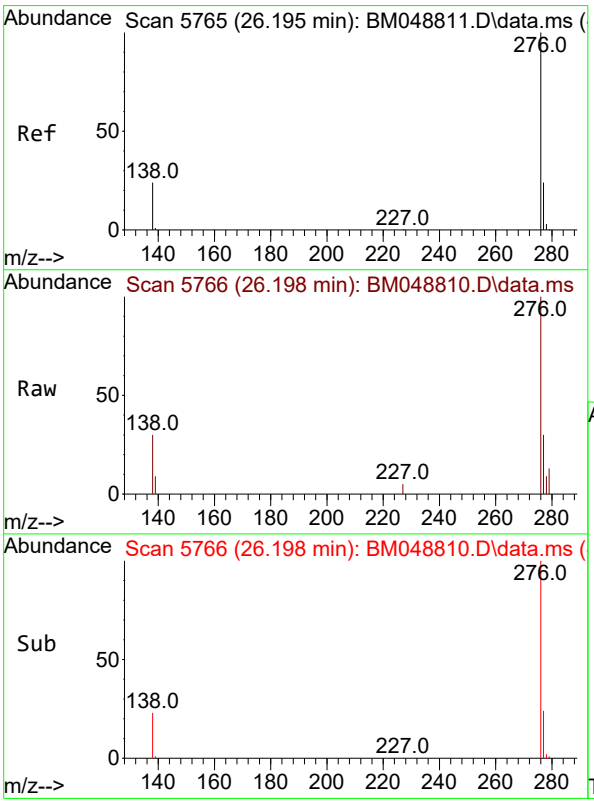
#28
Dibenzo(a,h)anthracene
Concen: 0.144 ng/ul
RT: 25.571 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Instrument :
BNA_M
ClientSampleId :
SSTD0.2049

Tgt Ion:278 Resp: 3824

Ion	Ratio	Lower	Upper
278	100		
139	31.1	18.6	27.8#
279	41.2	24.7	37.1#





#29
Benzo(g,h,i)perylene
Concen: 0.158 ng/ul
RT: 26.198 min Scan# 5766
Delta R.T. 0.004 min
Lab File: BM048810.D
Acq: 02 Dec 2024 18:07

Tgt Ion:276 Resp: 4462

Ion	Ratio	Lower	Upper
276	100		
138	29.5	22.2	33.2
277	30.3	21.8	32.6