Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045913.D
Acq On : 08 Jun 2024 13:14
Operator : MA/JU
Sample : P2640-05MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15MS

Quant Time: Jun 10 01:28:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	5	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.237	136	23	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.103	164	111	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	16.844	188	219	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.009	240	611	0.400	ng/ul	#-0.04
23) Perylene-d12	23.139	264	556	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	2689	472.180	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.837	152	6533	197.477	ng/ul	-0.01
18) Fluoranthene-d10	18.880	212	18064	9.873	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.092	88	6918	1061.587	ng/ul#	70
5) Naphthalene	10.292	128	31257	519.996	ng/ul	99
7) 2-Methylnaphthalene	11.908	142	15488	404.137	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	14200	340.728	ng/ul	99
10) Acenaphthylene	13.830	152	42581	84.352	ng/ul	99
11) Acenaphthene	14.172	153	43900	118.352	ng/ul	99
12) Fluorene	15.162	166	55507	133.864	ng/ul	100
14) Pentachlorophenol	16.532	266	2710	66.180	ng/ul	99
15) Phenanthrene	16.891	178	938814	1526.838	ng/ul	99
16) Anthracene	16.984	178	183403	349.705	ng/ul	99
19) Fluoranthene	18.912	202	1820438	747.181	ng/ul	98
20) Pyrene	19.275	202	1338954	526.821	ng/ul	97
21) Benzo(a)anthracene	21.026	228	773972	345.099	ng/ul	98
22) Chrysene	21.026	228	774387	317.160	ng/ul	98
24) Benzo(b)fluoranthene	22.531	252	1266477	686.758	ng/ul	84
25) Benzo(k)fluoranthene	22.689	252	65544	32.342	ng/ul	97
26) Benzo(a)pyrene	23.060	252	393353	214.482	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.216	276	328898	138.687	ng/ul	93
28) Dibenzo(a,h)anthracene	25.226	278	109984	58.016	ng/ul	94
29) Benzo(g,h,i)perylene	25.846	276	51906	25.379	ng/ul	98

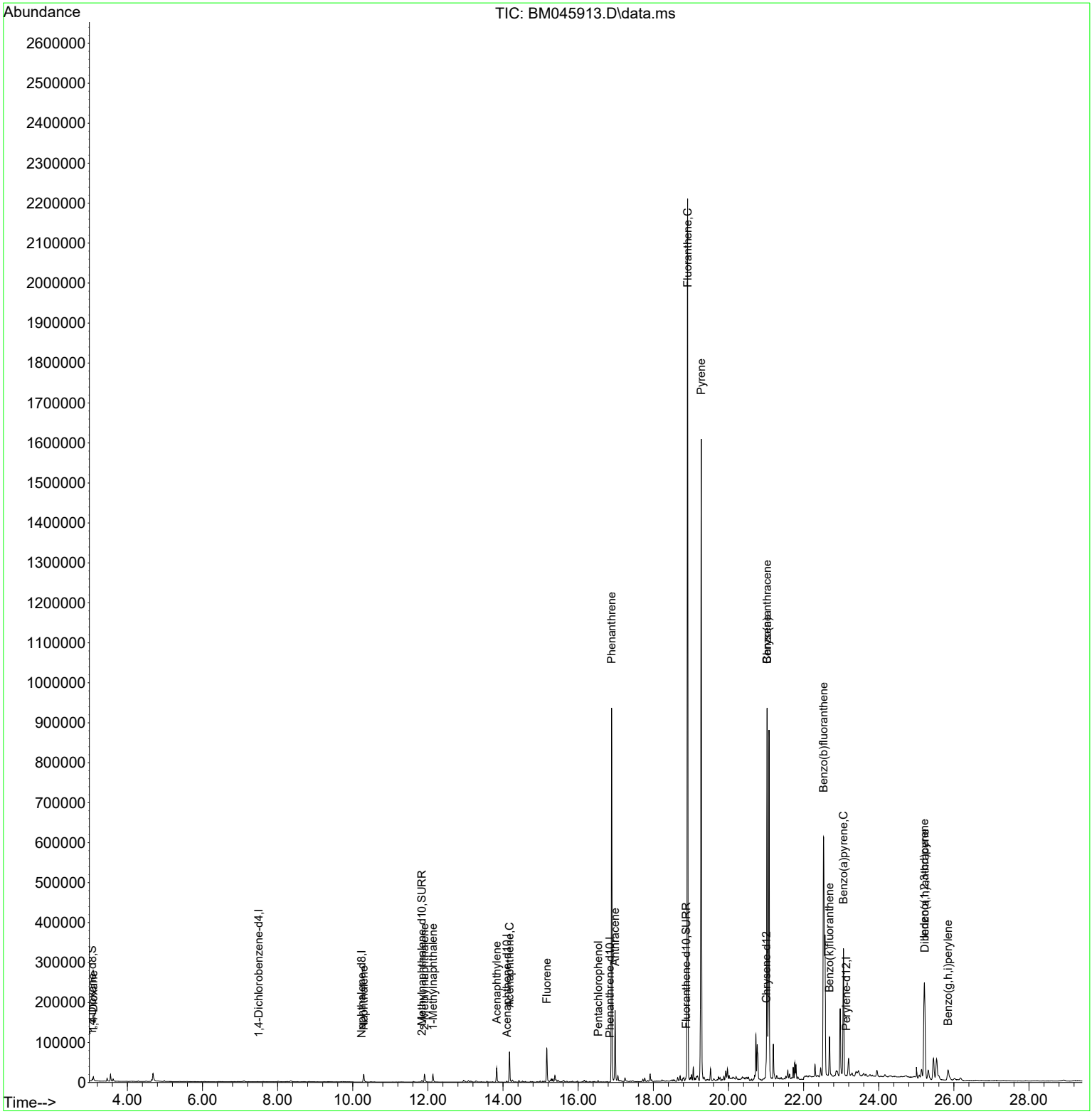
(#) = qualifier out of range (m) = manual integration (+) = signals summed

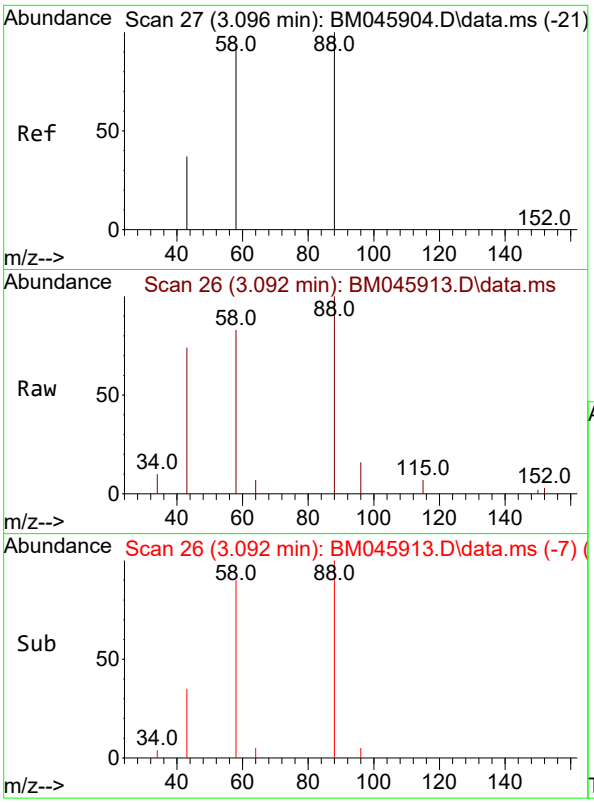
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045913.D
Acq On : 08 Jun 2024 13:14
Operator : MA/JU
Sample : P2640-05MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C15MS

Quant Time: Jun 10 01:28:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration



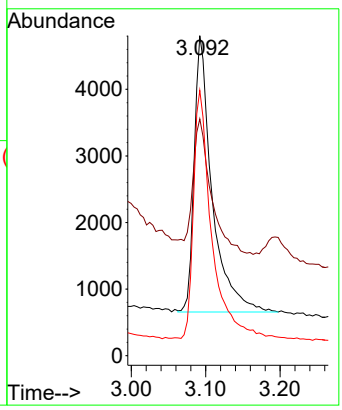


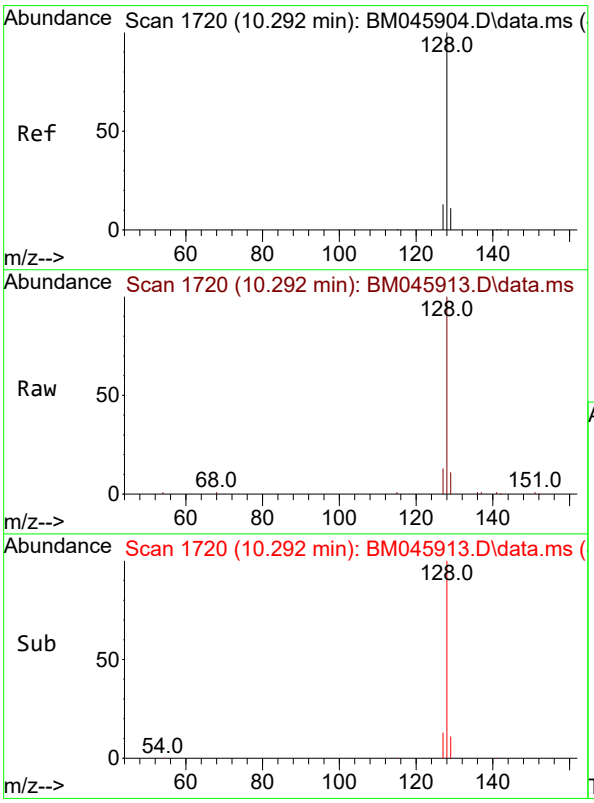
#2
1,4-Dioxane
Concen: 1061.587 ng/ul
RT: 3.092 min Scan# 2
Delta R.T. -0.021 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Instrument :
BNA_M
ClientSampleId :
A4C15MS

Tgt Ion: 88 Resp: 6918

Ion	Ratio	Lower	Upper
88	100		
43	74.0	87.4	131.2#
58	82.9	51.1	76.7#

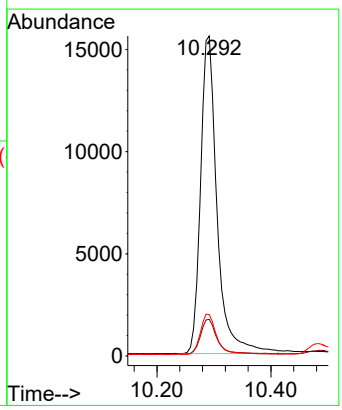


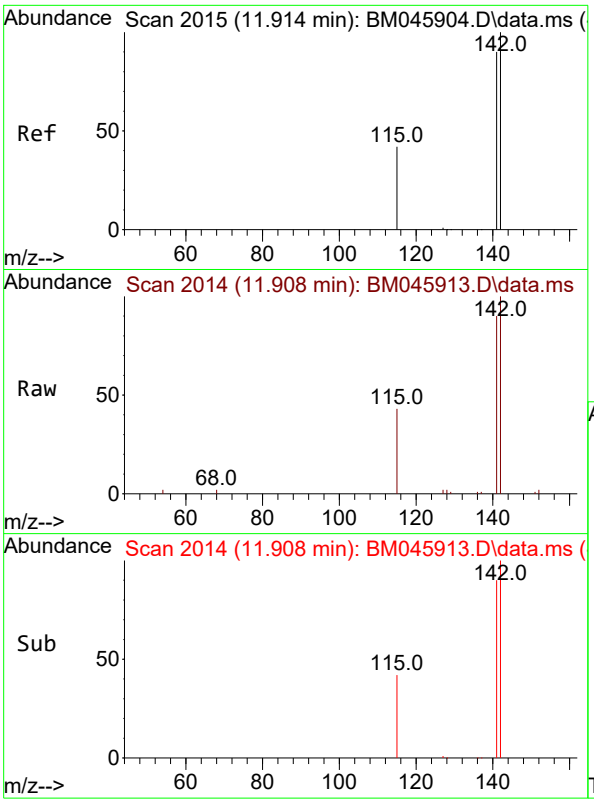


#5
Naphthalene
Concen: 519.996 ng/ul
RT: 10.292 min Scan# 1720
Delta R.T. -0.011 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Tgt Ion:128 Resp: 31257

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.4	14.0
127	12.9	10.6	15.8



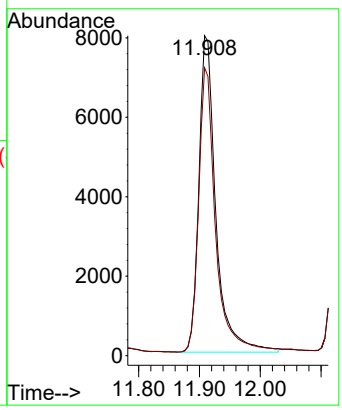


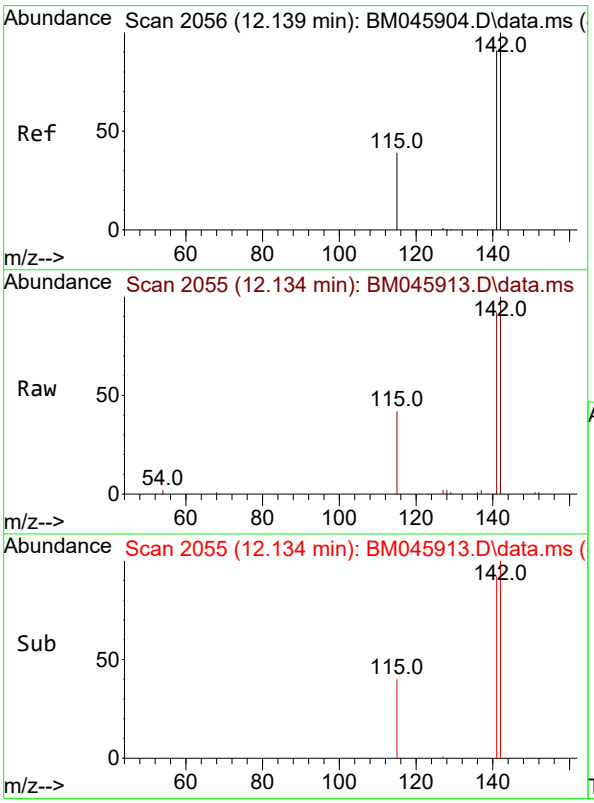
#7
2-Methylnaphthalene
Concen: 404.137 ng/ul
RT: 11.908 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Instrument :
BNA_M
ClientSampleId :
A4C15MS

Tgt Ion:142 Resp: 15488

Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.2	108.4

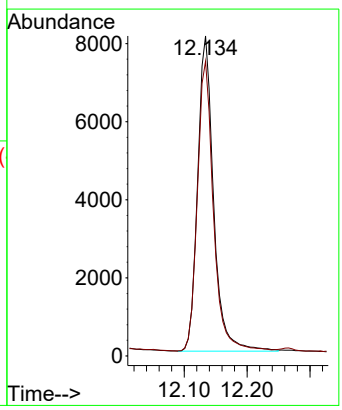


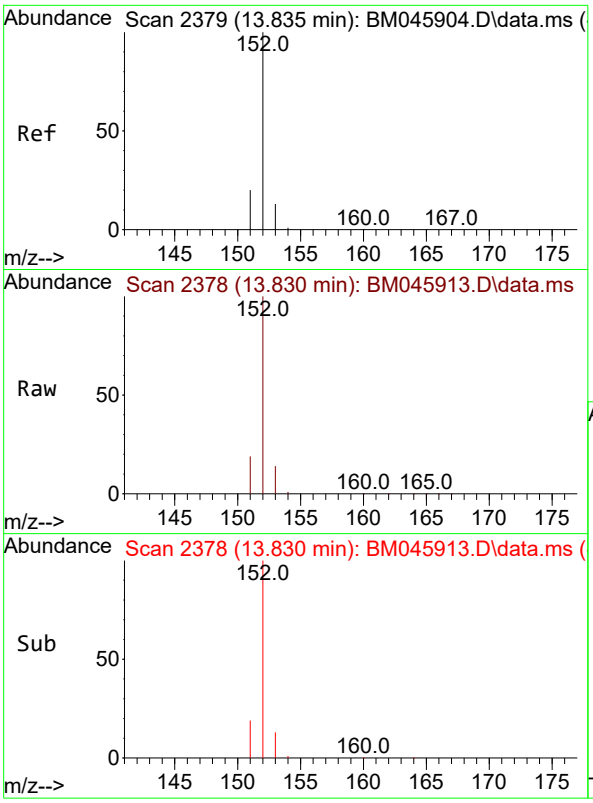


#8
1-Methylnaphthalene
Concen: 340.728 ng/ul
RT: 12.134 min Scan# 2055
Delta R.T. -0.011 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Tgt Ion:142 Resp: 14200

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.5	110.3



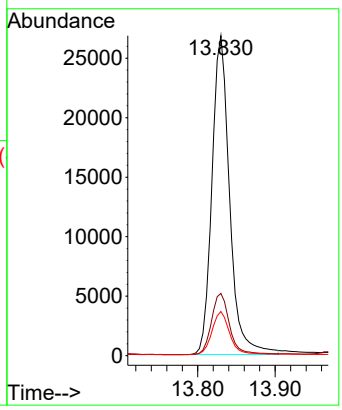


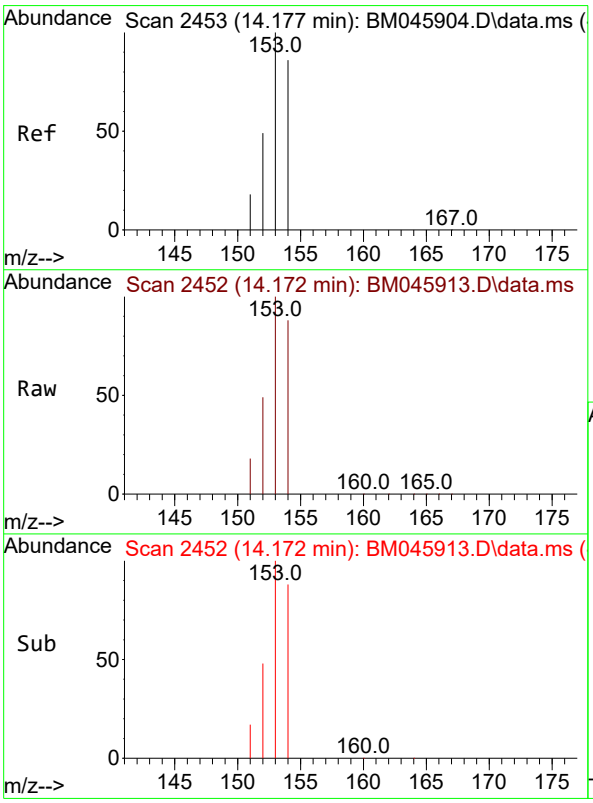
#10
Acenaphthylene
Concen: 84.352 ng/ul
RT: 13.830 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Instrument :
BNA_M
ClientSampleId :
A4C15MS

Tgt Ion:152 Resp: 42581

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.4	24.6
153	13.8	11.1	16.7

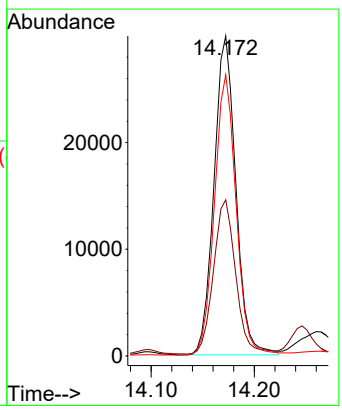


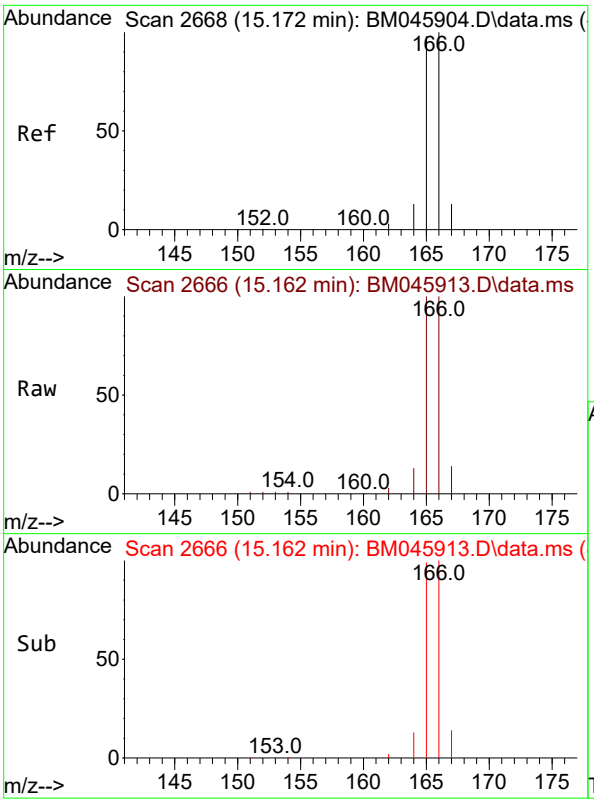


#11
Acenaphthene
Concen: 118.352 ng/ul
RT: 14.172 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Tgt Ion:153 Resp: 43900

Ion	Ratio	Lower	Upper
153	100		
152	48.8	39.0	58.4
154	87.9	69.4	104.2



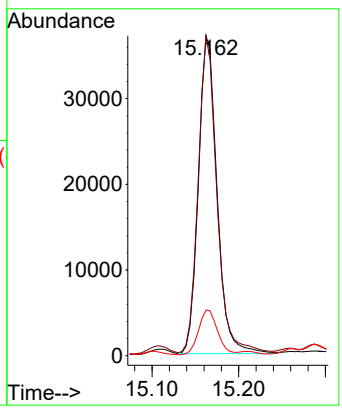


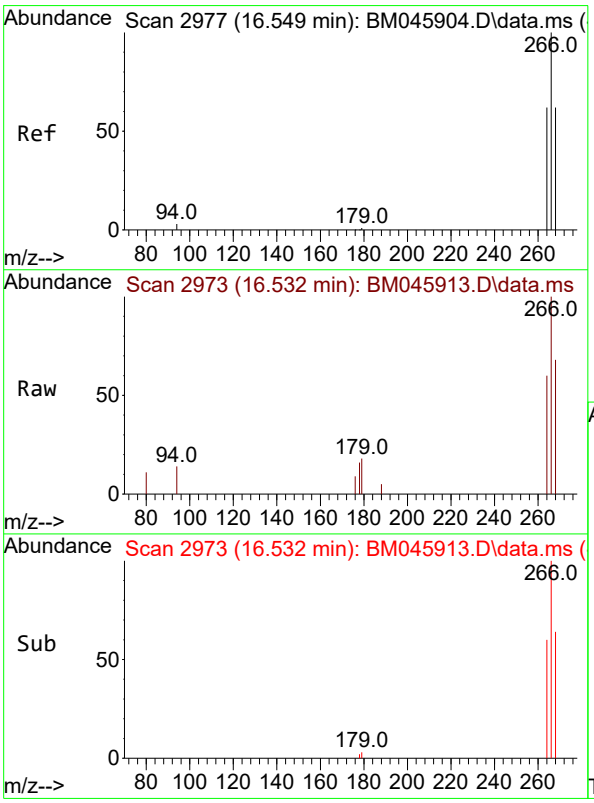
#12
Fluorene
Concen: 133.864 ng/ul
RT: 15.162 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Instrument :
BNA_M
ClientSampleId :
A4C15MS

Tgt Ion:166 Resp: 55507

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.7	119.5
167	14.3	11.3	16.9

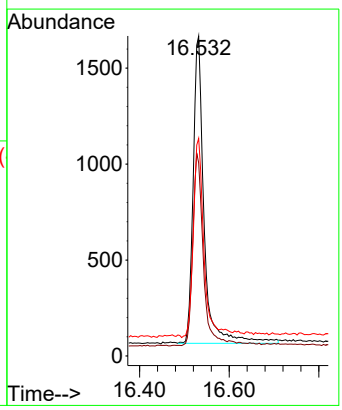


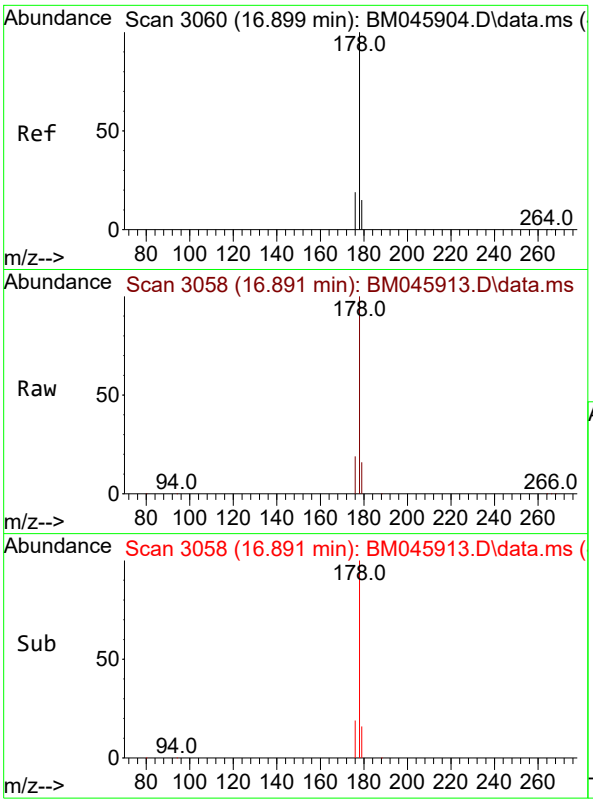


#14
Pentachlorophenol
Concen: 66.180 ng/ul
RT: 16.532 min Scan# 2973
Delta R.T. -0.021 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Tgt Ion:266 Resp: 2710

Ion	Ratio	Lower	Upper
266	100		
264	61.1	47.9	71.9
268	62.7	50.9	76.3



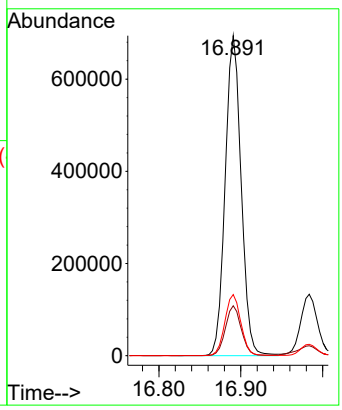


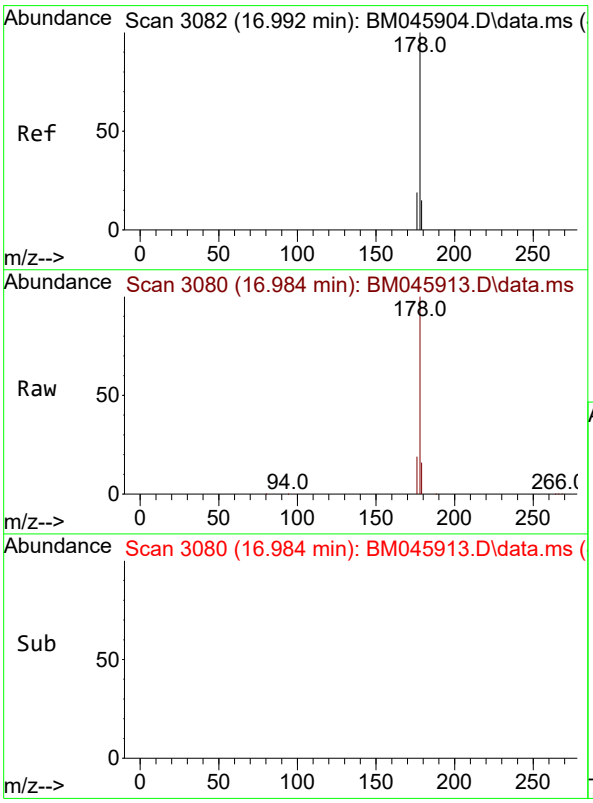
#15
Phenanthrene
Concen: 1526.838 ng/ul
RT: 16.891 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Instrument :
BNA_M
ClientSampleId :
A4C15MS

Tgt Ion:178 Resp: 938814

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.7	19.1
176	19.1	15.6	23.4

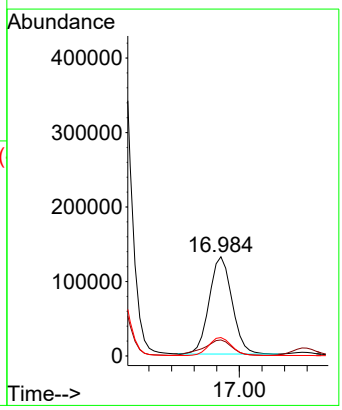


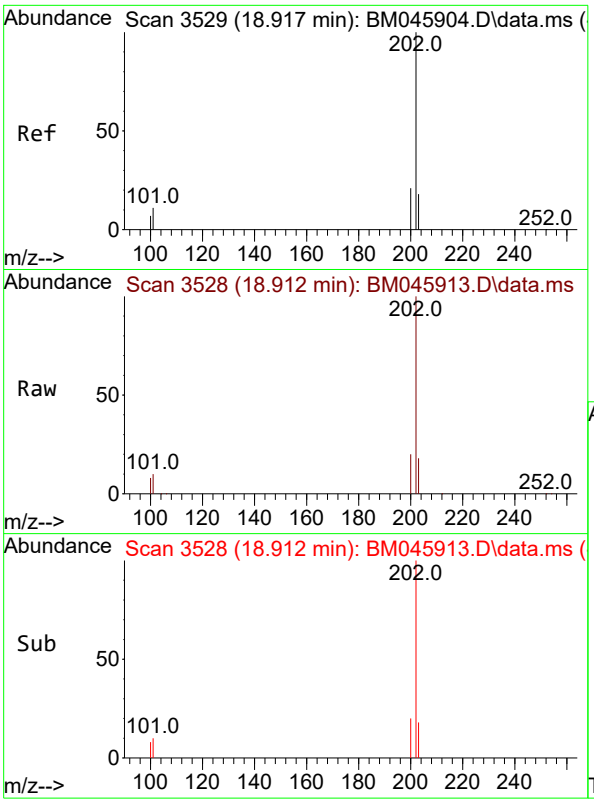


#16
Anthracene
Concen: 349.705 ng/ul
RT: 16.984 min Scan# 3080
Delta R.T. -0.013 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Tgt Ion:178 Resp: 183403

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.1	19.7
176	18.6	15.5	23.3



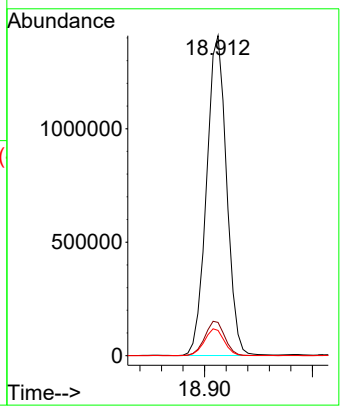


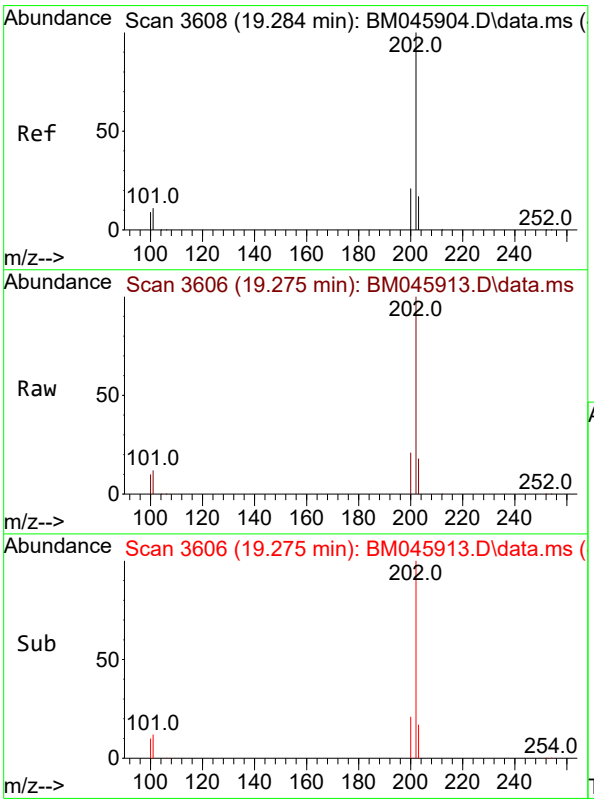
#19
Fluoranthene
Concen: 747.181 ng/ul
RT: 18.912 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Instrument :
BNA_M
ClientSampleId :
A4C15MS

Tgt Ion:202 Resp: 1820438

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.0	13.6
100	7.9	7.0	10.6

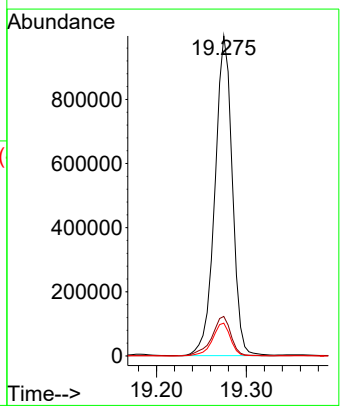


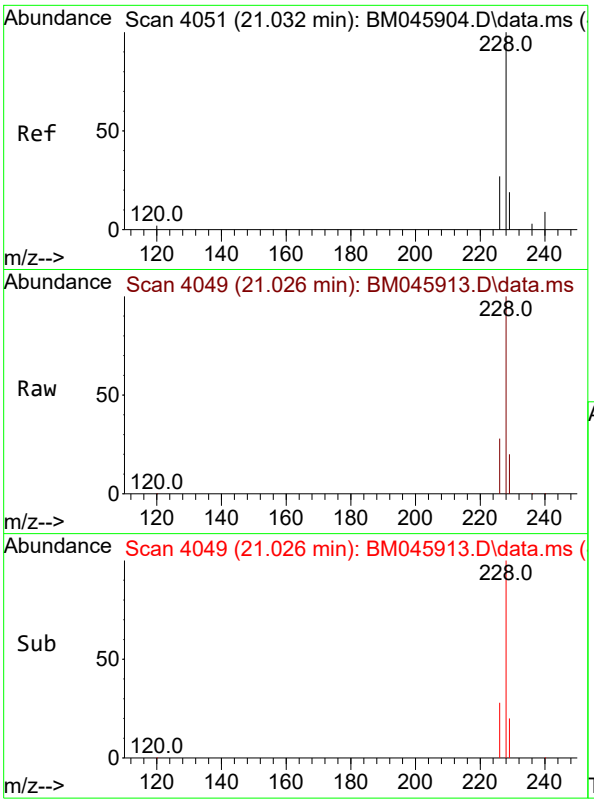


#20
Pyrene
Concen: 526.821 ng/ul
RT: 19.275 min Scan# 3606
Delta R.T. -0.009 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Tgt Ion:202 Resp: 1338954

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.6	16.0
100	10.3	9.1	13.7



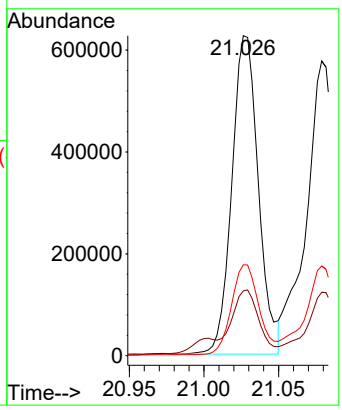


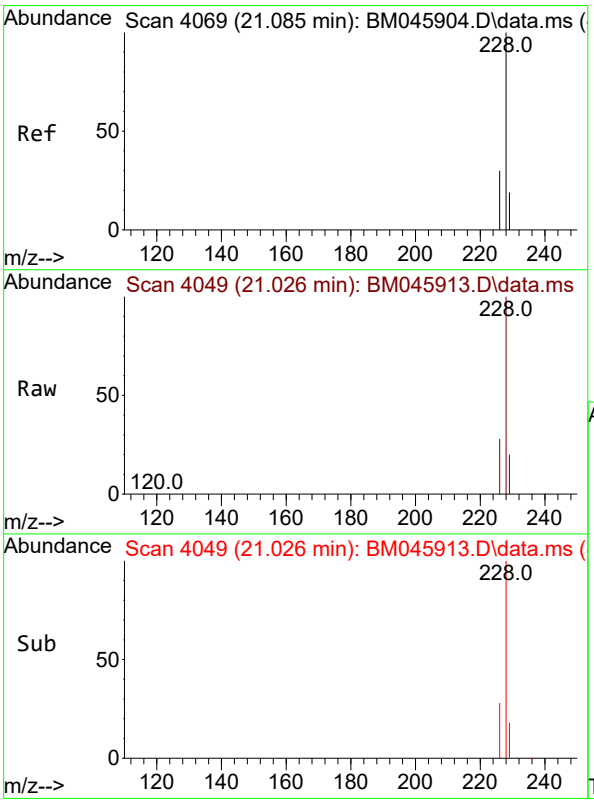
#21
Benzo(a)anthracene
Concen: 345.099 ng/ul
RT: 21.026 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Instrument :
BNA_M
ClientSampleId :
A4C15MS

Tgt Ion:228 Resp: 773972

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	28.4	22.0	33.0

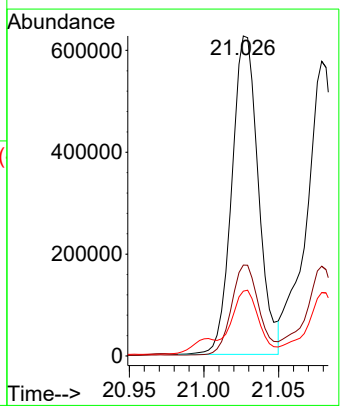


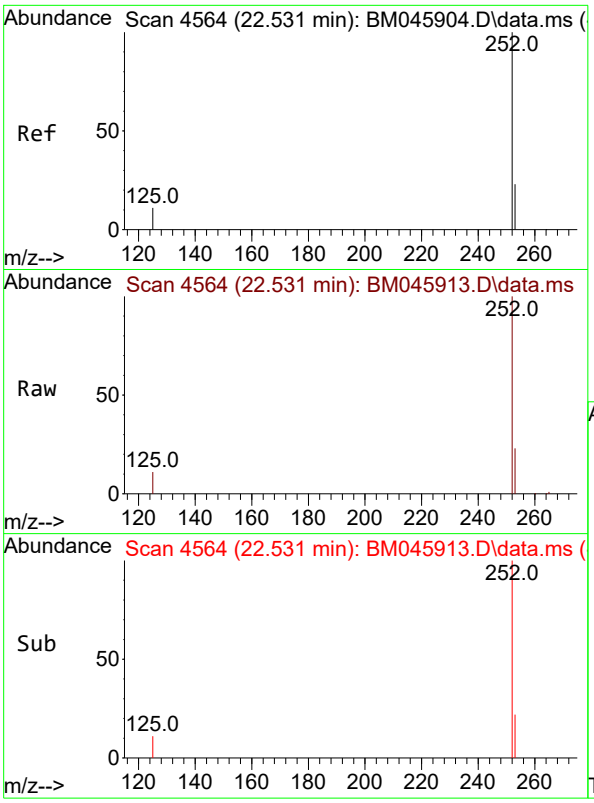


#22
Chrysene
Concen: 317.160 ng/ul
RT: 21.026 min Scan# 4049
Delta R.T. -0.061 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Tgt Ion:228 Resp: 774387

Ion	Ratio	Lower	Upper
228	100		
226	28.4	24.5	36.7
229	20.3	16.2	24.2



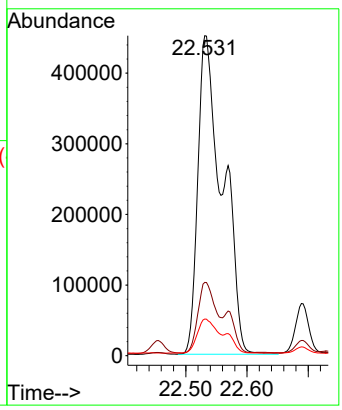


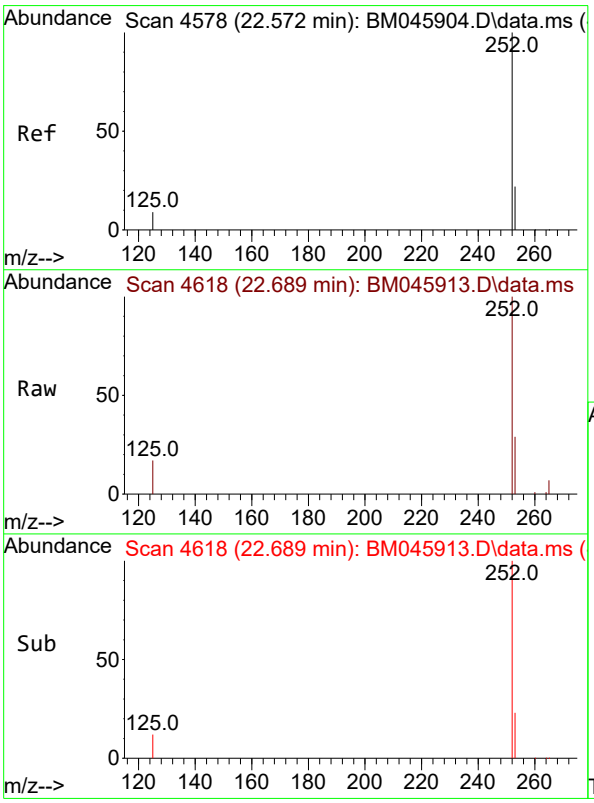
#24
Benzo(b)fluoranthene
Concen: 686.758 ng/ul
RT: 22.531 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Instrument :
BNA_M
ClientSampleId :
A4C15MS

Tgt Ion:252 Resp: 1266477

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	63.6
125	11.4	0.0	35.8

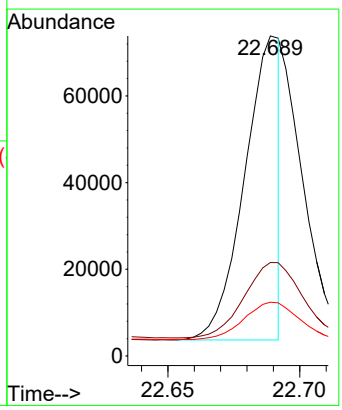


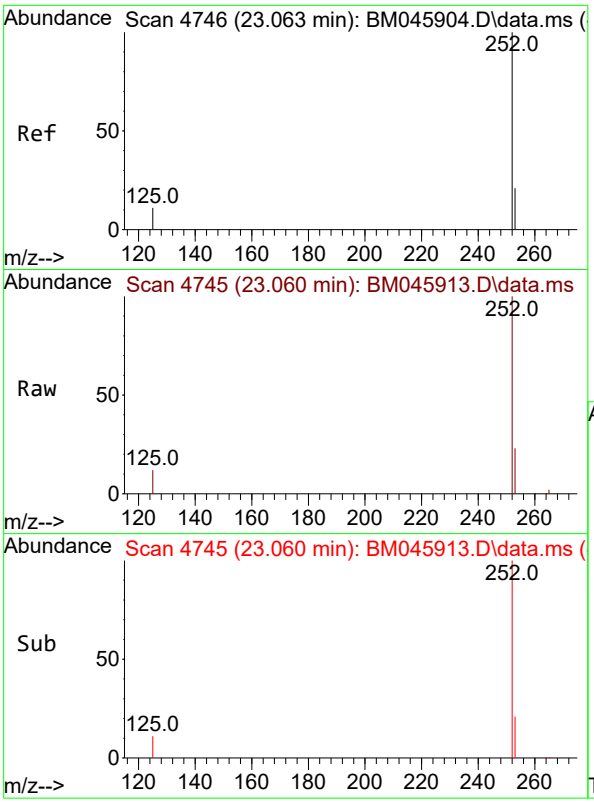


#25
Benzo(k)fluoranthene
Concen: 32.342 ng/ul
RT: 22.689 min Scan# 4618
Delta R.T. 0.108 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Tgt Ion:252 Resp: 65544

Ion	Ratio	Lower	Upper
252	100		
253	29.2	25.0	37.6
125	16.8	14.2	21.2



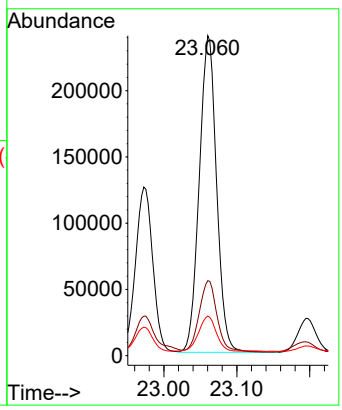


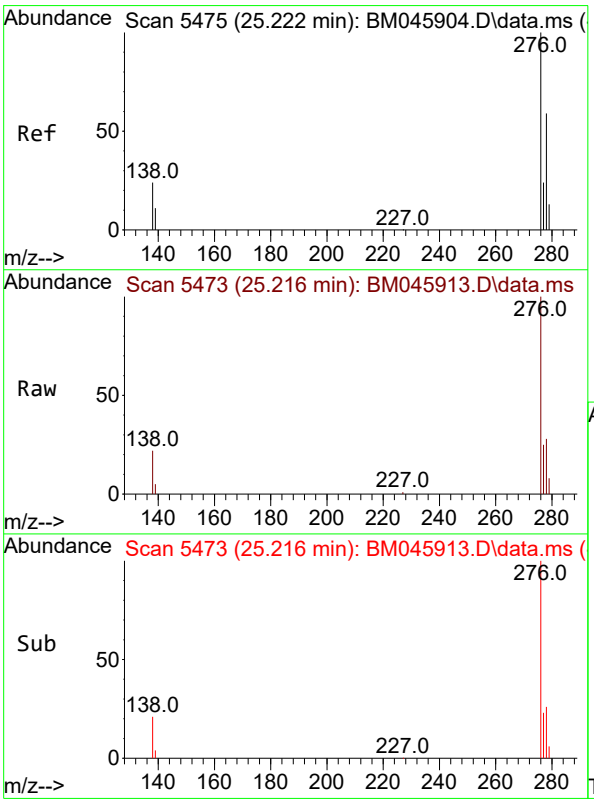
#26
Benzo(a)pyrene
Concen: 214.482 ng/ul
RT: 23.060 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Instrument :
BNA_M
ClientSampleId :
A4C15MS

Tgt Ion:252 Resp: 393353

Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.8	43.2#
125	12.4	17.3	25.9#

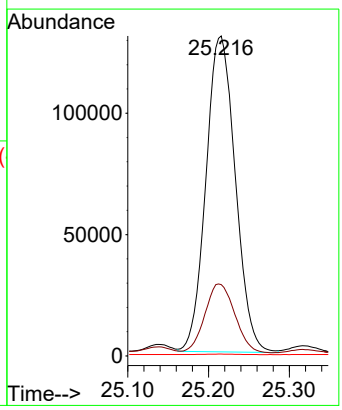


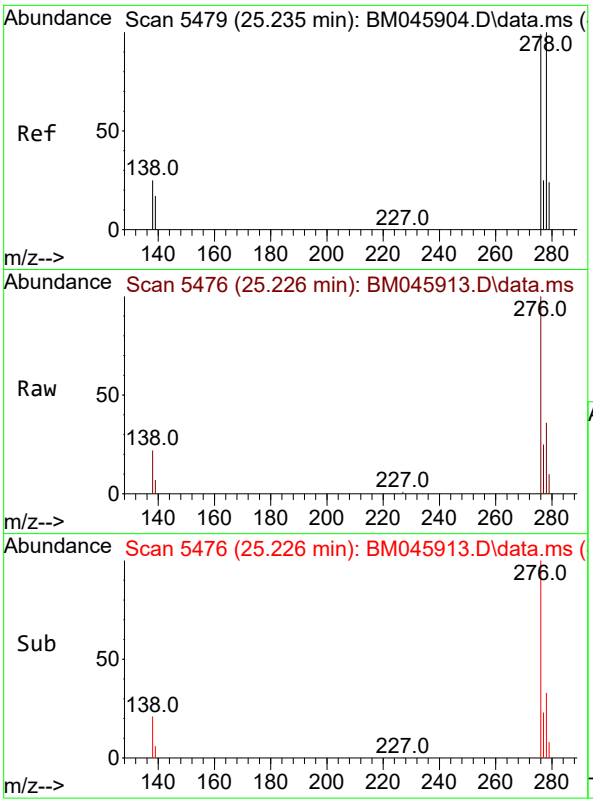


#27
Indeno(1,2,3-cd)pyrene
Concen: 138.687 ng/ul
RT: 25.216 min Scan# 5473
Delta R.T. -0.016 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Tgt Ion:276 Resp: 328898

Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.7	31.1
227	0.2	0.2	0.2



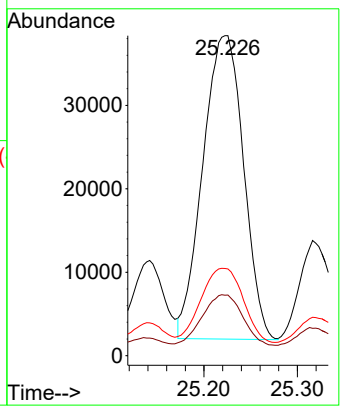


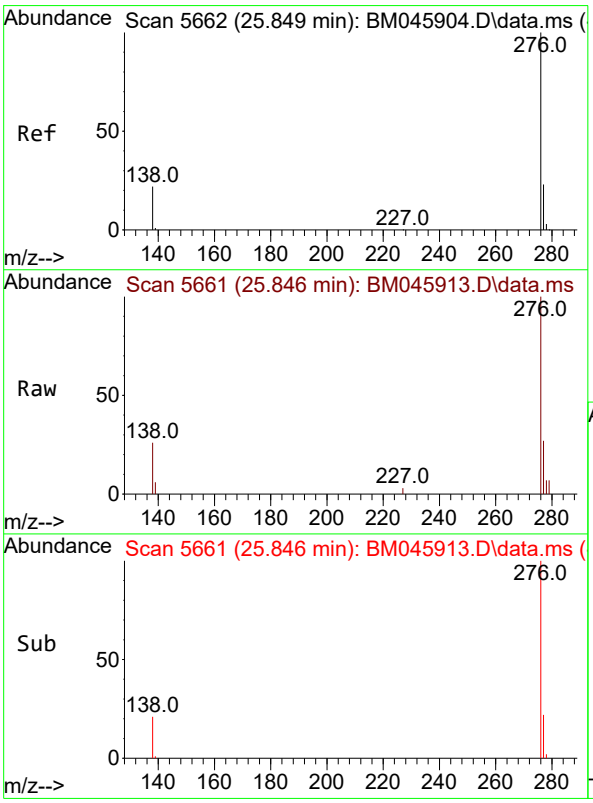
#28
Dibenzo(a,h)anthracene
Concen: 58.016 ng/ul
RT: 25.226 min Scan# 5
Delta R.T. -0.023 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Instrument :
BNA_M
ClientSampleId :
A4C15MS

Tgt Ion:278 Resp: 109984

Ion	Ratio	Lower	Upper
278	100		
139	18.9	16.6	25.0
279	27.1	24.6	37.0





#29
Benzo(g,h,i)perylene
Concen: 25.379 ng/ul
RT: 25.846 min Scan# 5661
Delta R.T. -0.016 min
Lab File: BM045913.D
Acq: 08 Jun 2024 13:14

Tgt Ion:276 Resp: 51906

Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.0	31.4
277	26.9	20.5	30.7