Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046812.D
Acq On : 25 Jul 2024 22:40
Operator : MA/JU
Sample : P3263-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BB2

Quant Time: Jul 26 00:31:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.472	152	4281	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	12744	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.118	164	8238	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.875	188	19066	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.085	240	10028	0.400	ng/ul	# 0.00
23) Perylene-d12	23.212	264	10209	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.097	96	10245	3.418	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	5231	0.258	ng/ul	0.00
18) Fluoranthene-d10	18.914	212	11966	0.366	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.277	128	63713	1.977	ng/ul	97
7) 2-Methylnaphthalene	11.904	142	22062	0.994	ng/ul	99
8) 1-Methylnaphthalene	12.130	142	15428	0.673	ng/ul	99
10) Acenaphthylene	13.836	152	20951	0.555	ng/ul	97
11) Acenaphthene	14.178	153	90358	3.528	ng/ul	100
12) Fluorene	15.178	166	122290	3.820	ng/ul	97
15) Phenanthrene	16.918	178	1641317	29.951	ng/ul	98
16) Anthracene	17.006	178	260843	5.113	ng/ul	99
19) Fluoranthene	18.946	202	1743540	39.589	ng/ul	100
20) Pyrene	19.309	202	1215966	26.690	ng/ul	99
21) Benzo(a)anthracene	21.067	228	578355	13.840	ng/ul	99
22) Chrysene	21.120	228	545058	12.840	ng/ul	98
24) Benzo(b)fluoranthene	22.586	252	706330	15.759	ng/ul	91
25) Benzo(k)fluoranthene	22.744	252	57609	1.275	ng/ul	99
26) Benzo(a)pyrene	23.121	252	189731	5.897	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.319	276	201058	4.060	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.326	278	79887	2.204	ng/ul	95
29) Benzo(g,h,i)perylene	25.957	276	31879	0.731	ng/ul#	89

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072524\
Data File : BM046812.D
Acq On : 25 Jul 2024 22:40
Operator : MA/JU
Sample : P3263-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Time: Jul 26 00:31:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 15:10:37 2024
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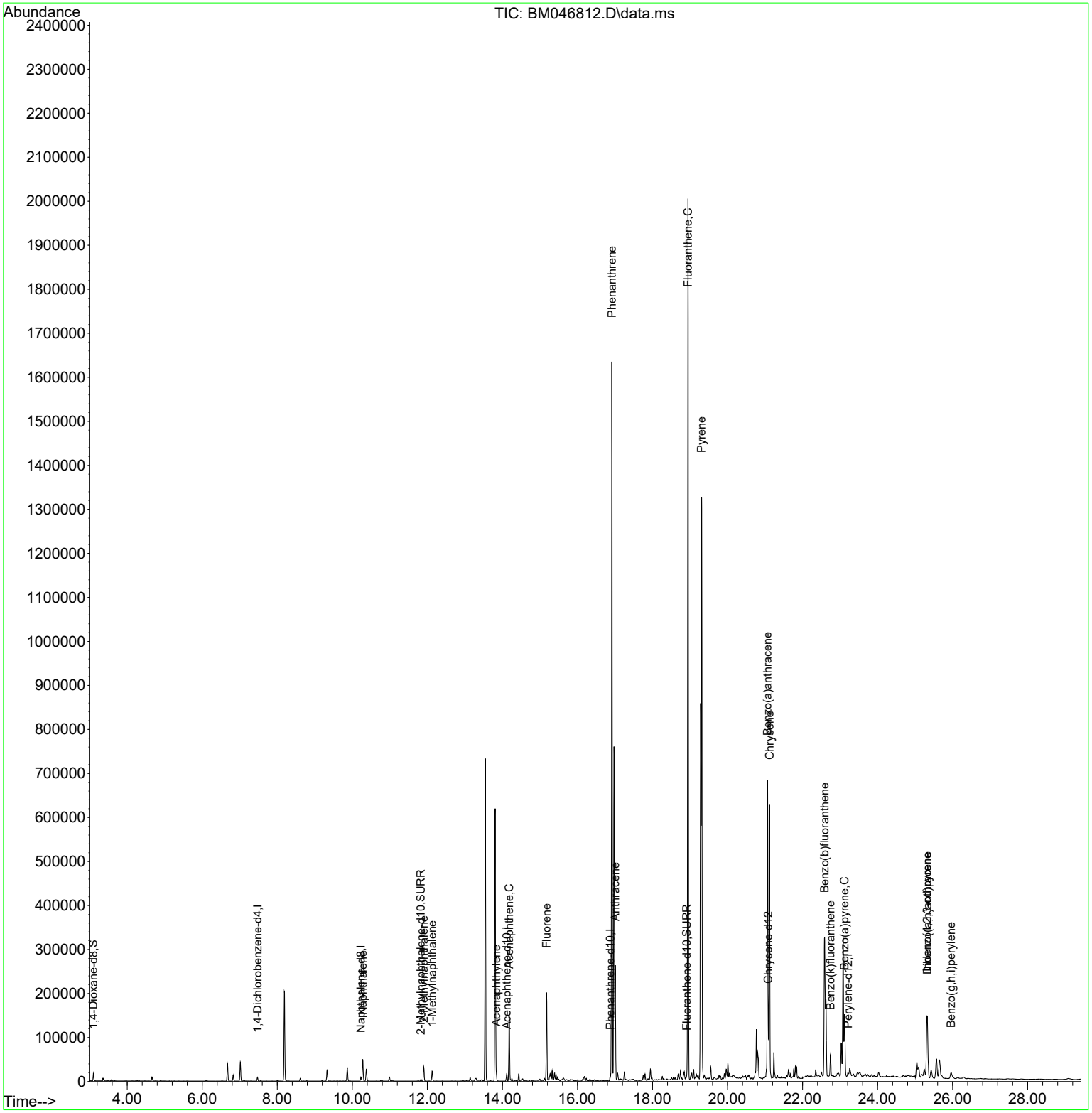
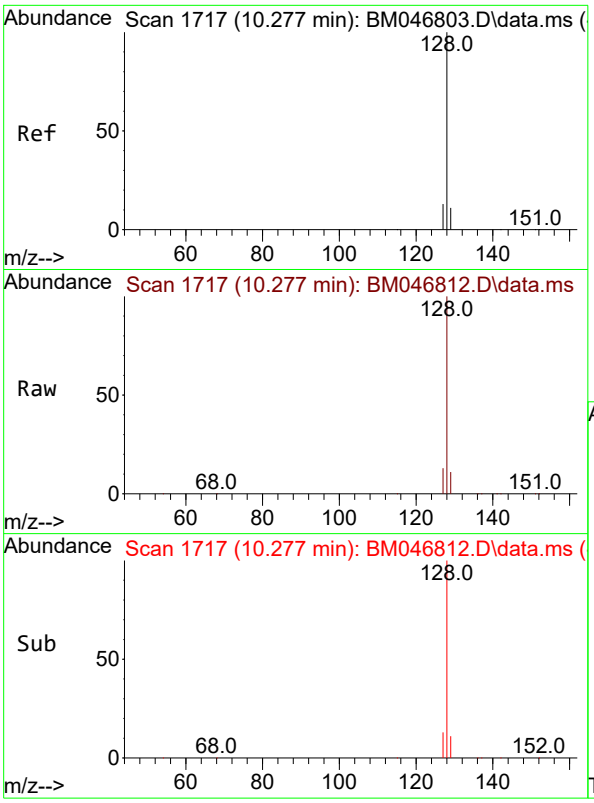


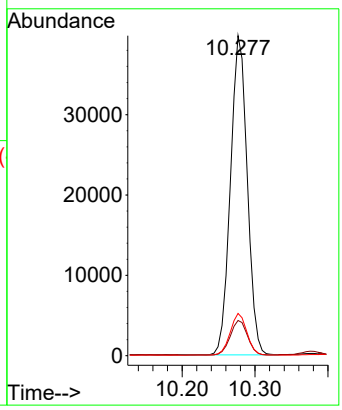


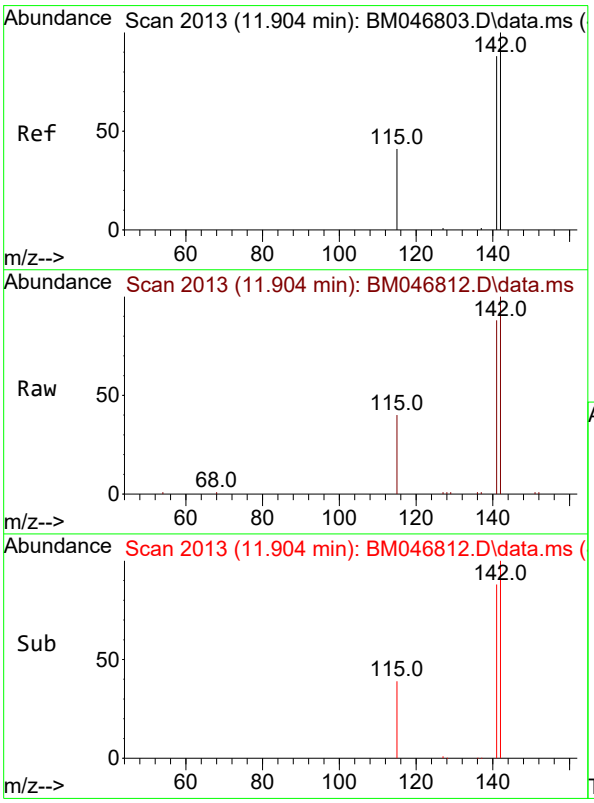
#5
Naphthalene
Concen: 1.977 ng/ul
RT: 10.277 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Instrument :
BNA_M
ClientSampleId :
A4BB2

Tgt Ion:128 Resp: 63713

Ion	Ratio	Lower	Upper
128	100		
129	11.0	10.1	15.1
127	13.2	11.5	17.3

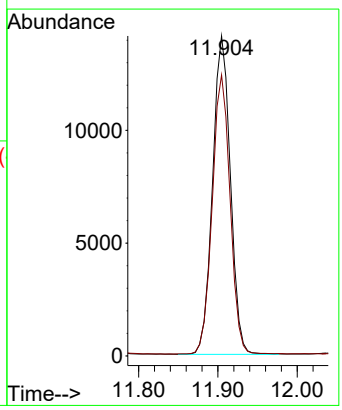


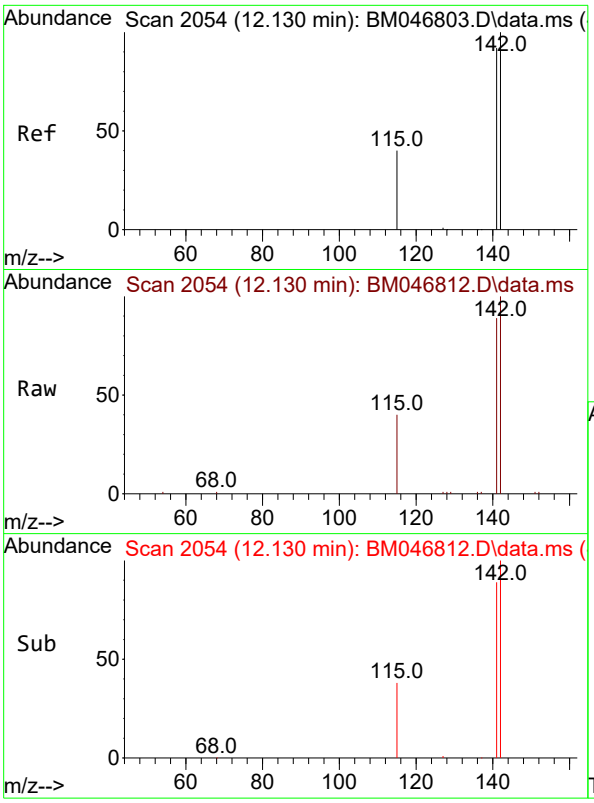


#7
2-Methylnaphthalene
Concen: 0.994 ng/ul
RT: 11.904 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Tgt Ion:142 Resp: 22062

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.5	105.7



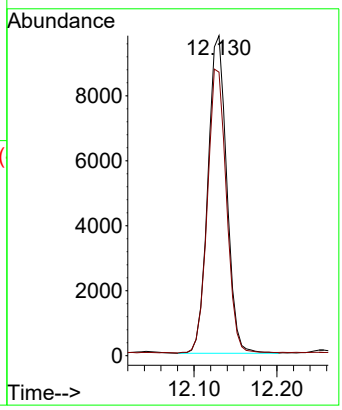


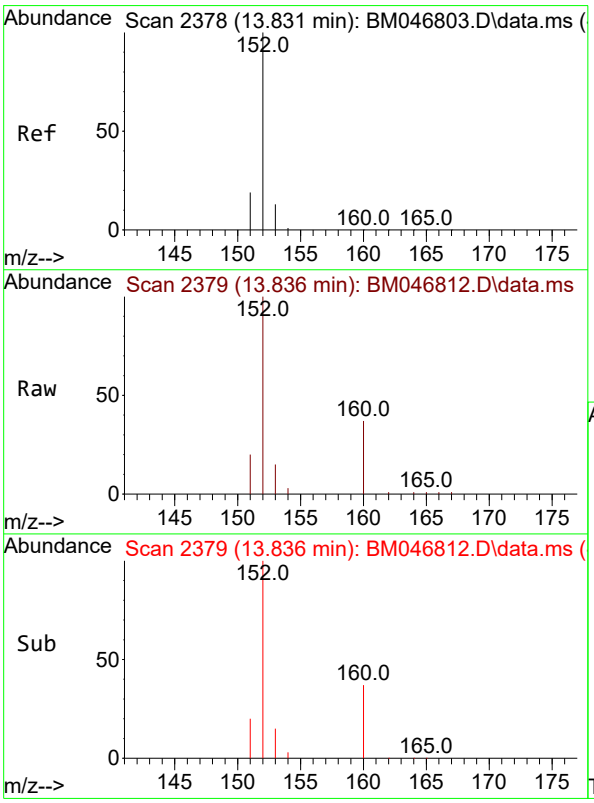
#8
1-Methylnaphthalene
Concen: 0.673 ng/ul
RT: 12.130 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Instrument :
BNA_M
ClientSampleId :
A4BB2

Tgt Ion:142 Resp: 15428

Ion	Ratio	Lower	Upper
142	100		
141	90.1	73.1	109.7

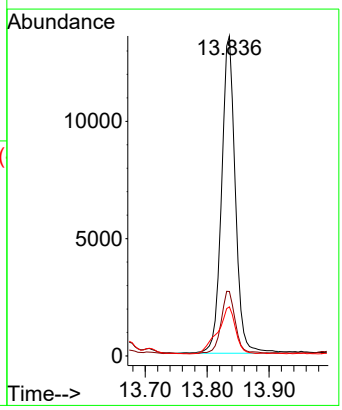


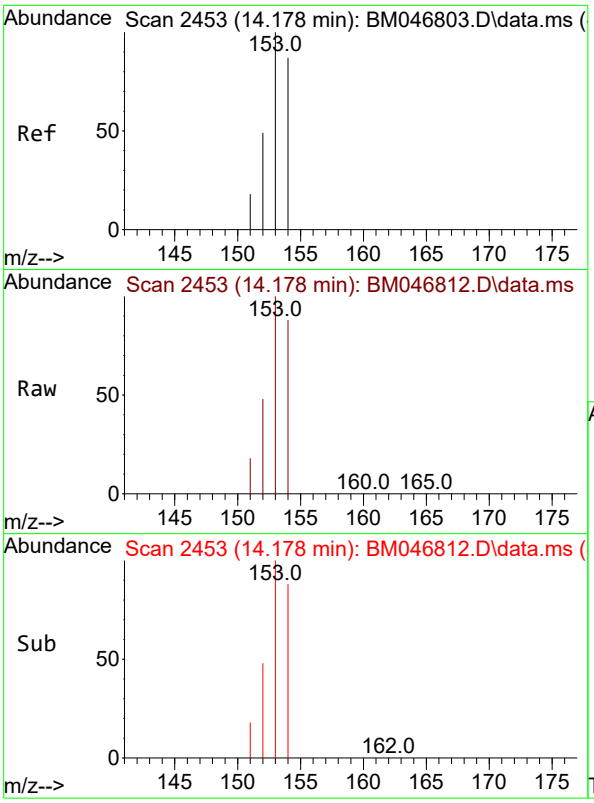


#10
Acenaphthylene
Concen: 0.555 ng/ul
RT: 13.836 min Scan# 2379
Delta R.T. 0.005 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Tgt Ion:152 Resp: 20951

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	15.4	11.0	16.6



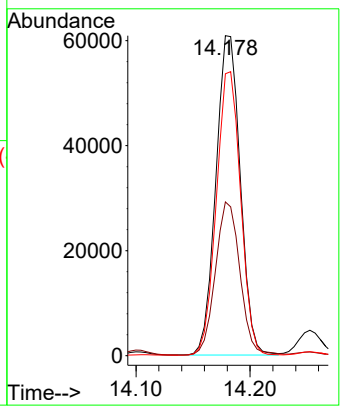


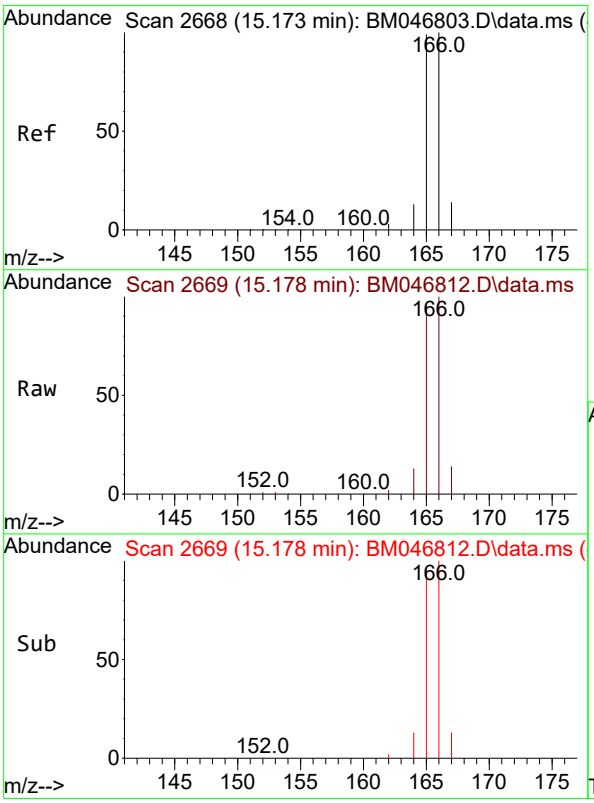
#11
Acenaphthene
Concen: 3.528 ng/ul
RT: 14.178 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Instrument :
BNA_M
ClientSampleId :
A4BB2

Tgt Ion:153 Resp: 90358

Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.6	57.8
154	88.1	70.8	106.2

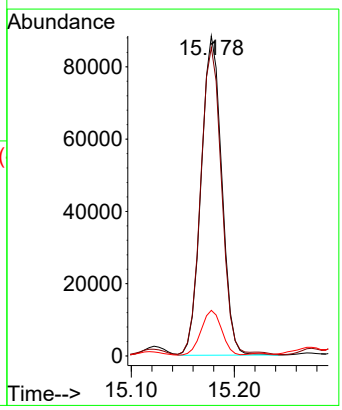


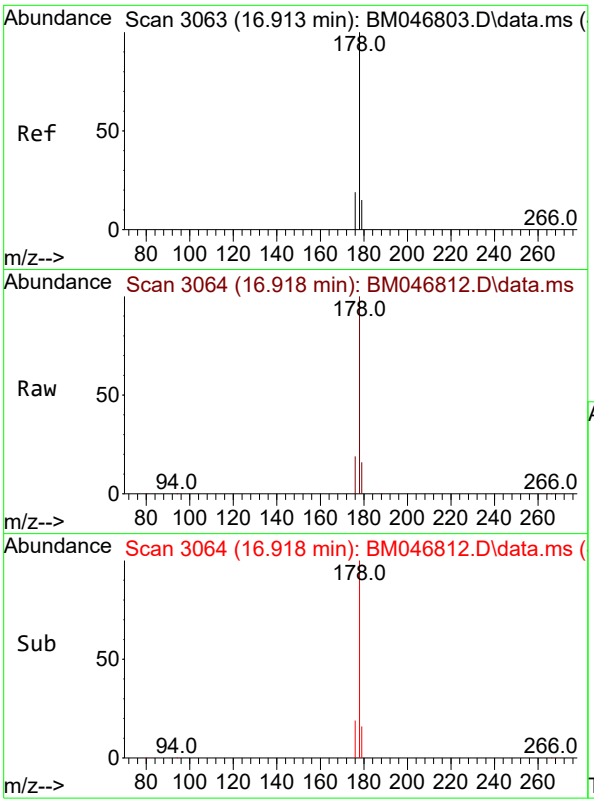


#12
Fluorene
Concen: 3.820 ng/ul
RT: 15.178 min Scan# 2669
Delta R.T. 0.000 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Tgt Ion:166 Resp: 122290

Ion	Ratio	Lower	Upper
166	100		
165	96.5	79.8	119.6
167	14.3	12.3	18.5



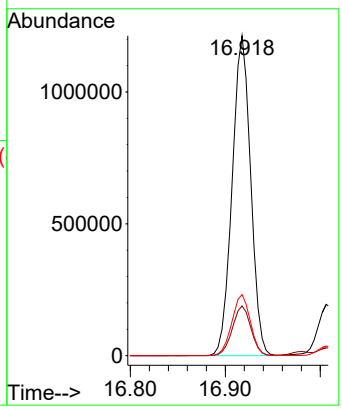


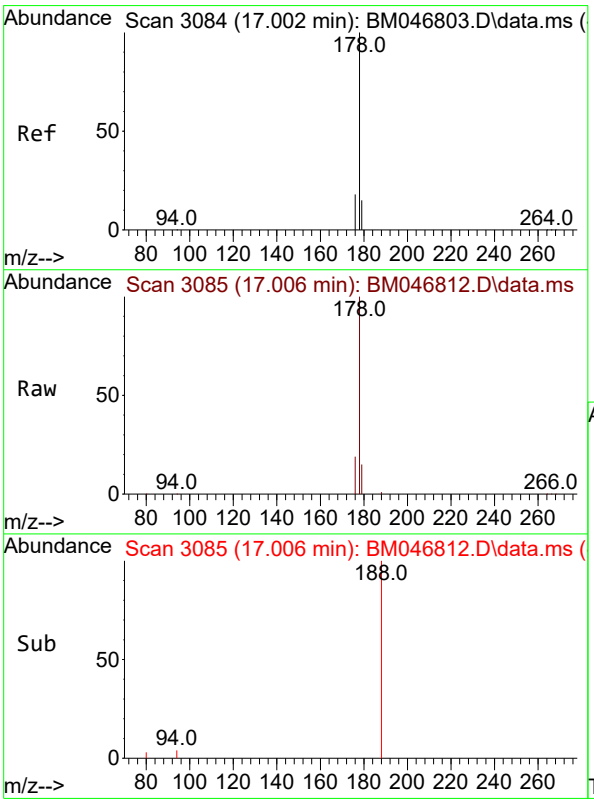
#15
Phenanthrene
Concen: 29.951 ng/ul
RT: 16.918 min Scan# 3
Delta R.T. 0.004 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Instrument :
BNA_M
ClientSampleId :
A4BB2

Tgt Ion:178 Resp: 1641317

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	19.1	16.1	24.1

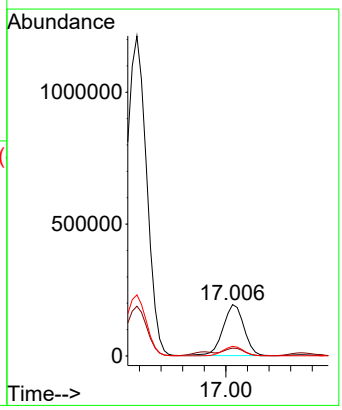


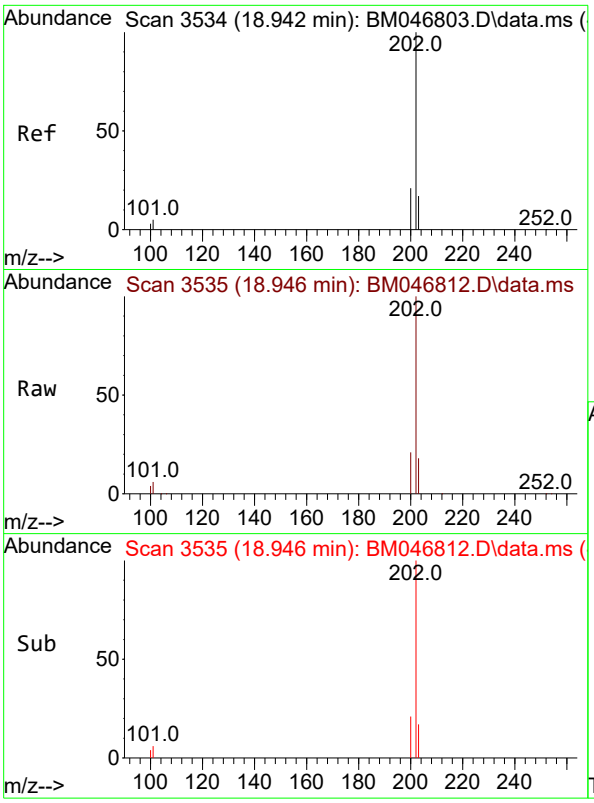


#16
Anthracene
Concen: 5.113 ng/ul
RT: 17.006 min Scan# 3085
Delta R.T. 0.000 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Tgt Ion:178 Resp: 260843

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.1	19.7
176	18.7	15.0	22.6



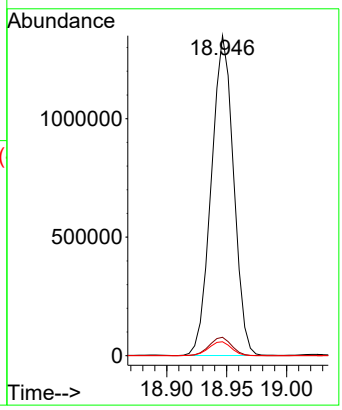


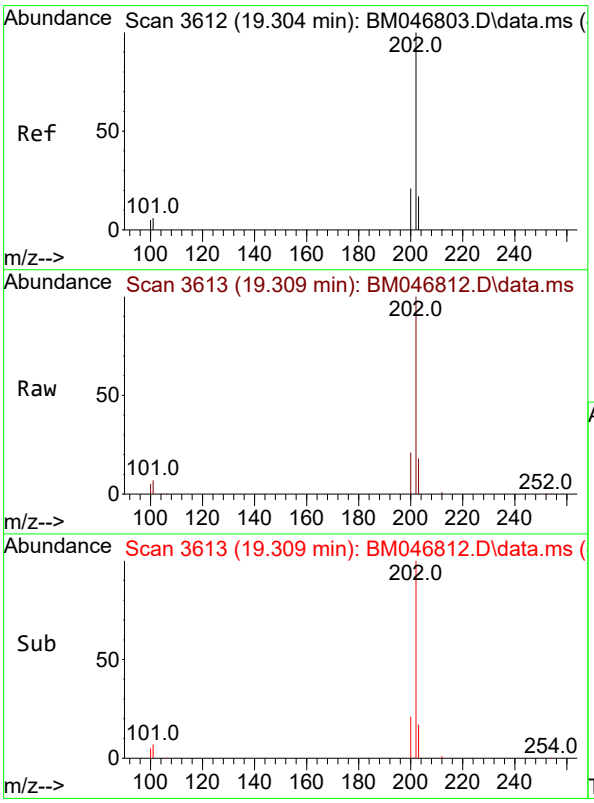
#19
Fluoranthene
Concen: 39.589 ng/ul
RT: 18.946 min Scan# 3
Delta R.T. 0.005 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Instrument :
BNA_M
ClientSampleId :
A4BB2

Tgt Ion:202 Resp: 1743540

Ion	Ratio	Lower	Upper
202	100		
101	5.8	4.7	7.1
100	4.3	3.4	5.2

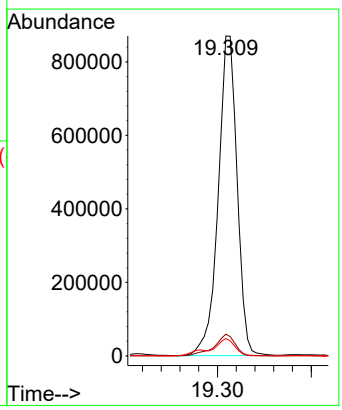


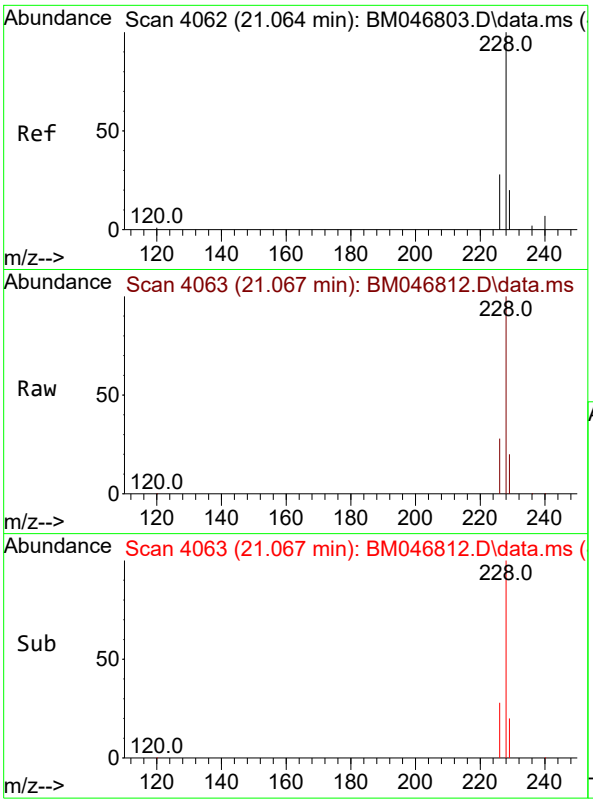


#20
Pyrene
Concen: 26.690 ng/ul
RT: 19.309 min Scan# 3613
Delta R.T. 0.005 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Tgt Ion:202 Resp: 1215966

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.2	7.8
100	5.5	4.3	6.5





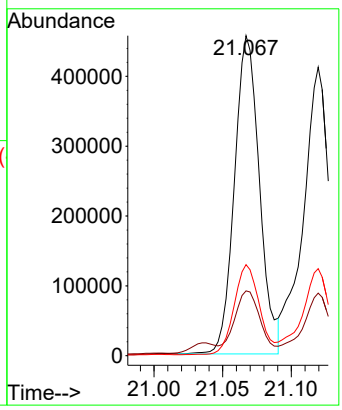
#21
Benzo(a)anthracene
Concen: 13.840 ng/ul
RT: 21.067 min Scan# 4

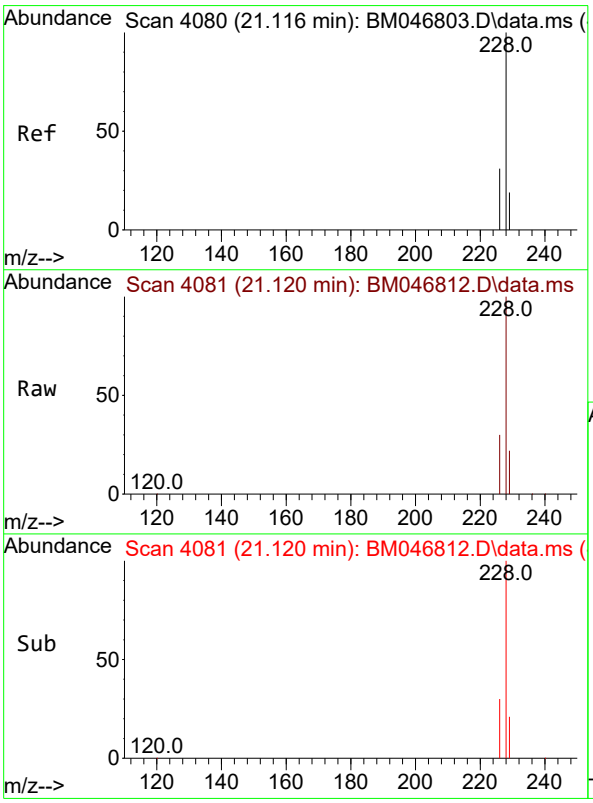
Instrument :
BNA_M
ClientSampleId :
A4BB2

Delta R.T. 0.003 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Tgt Ion:228 Resp: 578355

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.3	24.5
226	28.5	22.3	33.5

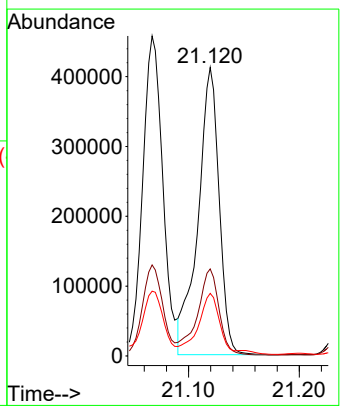


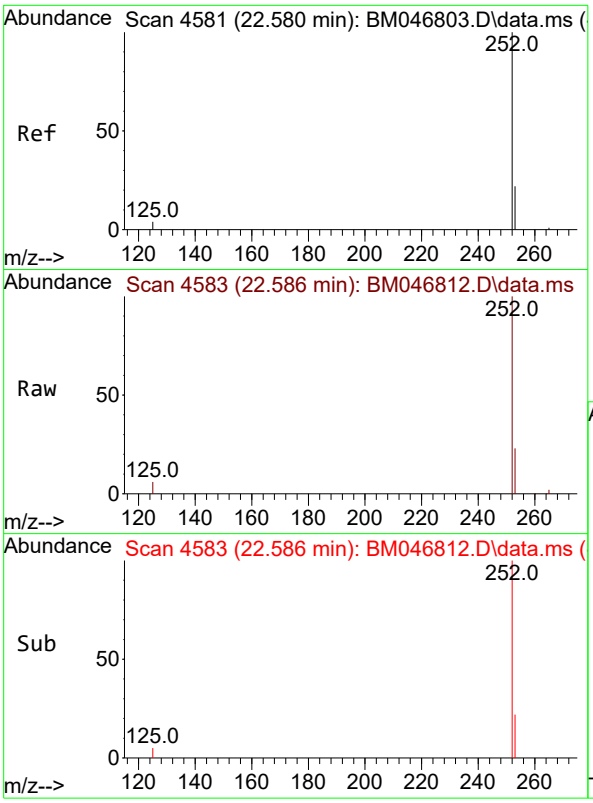


#22
Chrysene
Concen: 12.840 ng/ul
RT: 21.120 min Scan# 4081
Delta R.T. 0.003 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Tgt Ion:228 Resp: 545058

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.5	36.7
229	21.7	16.2	24.2



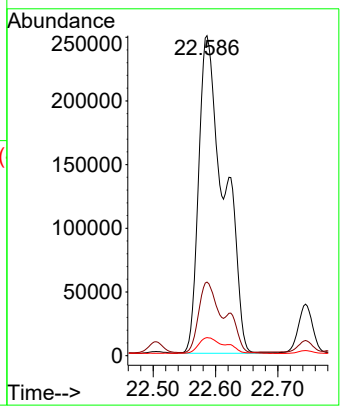


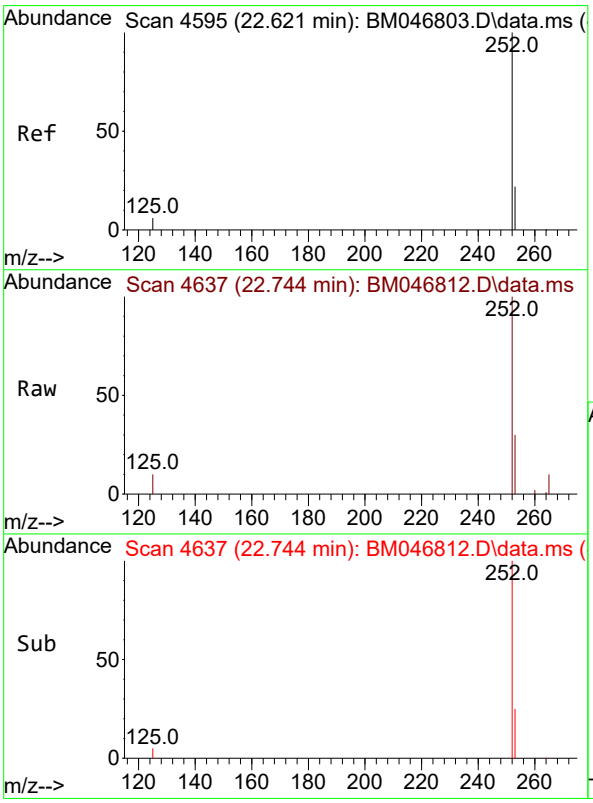
#24
Benzo(b)fluoranthene
Concen: 15.759 ng/ul
RT: 22.586 min Scan# 4
Delta R.T. 0.006 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Instrument :
BNA_M
ClientSampleId :
A4BB2

Tgt Ion:252 Resp: 706330

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	56.4
125	5.7	0.0	15.8

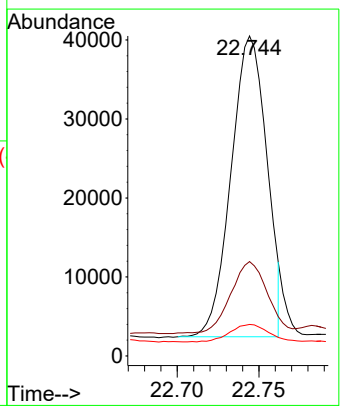


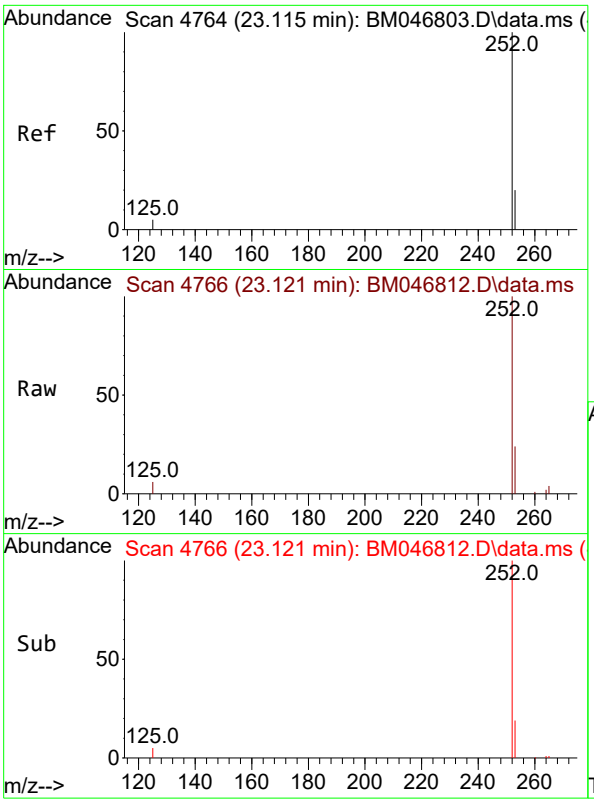


#25
Benzo(k)fluoranthene
Concen: 1.275 ng/ul
RT: 22.744 min Scan# 4637
Delta R.T. 0.123 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Tgt Ion:252 Resp: 57609

Ion	Ratio	Lower	Upper
252	100		
253	29.5	23.5	35.3
125	9.8	8.6	13.0



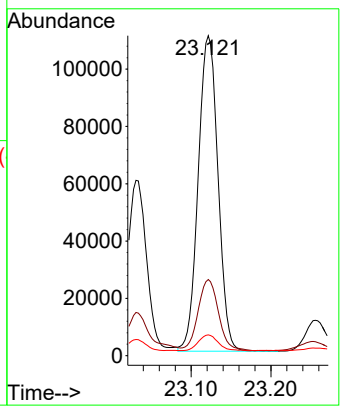


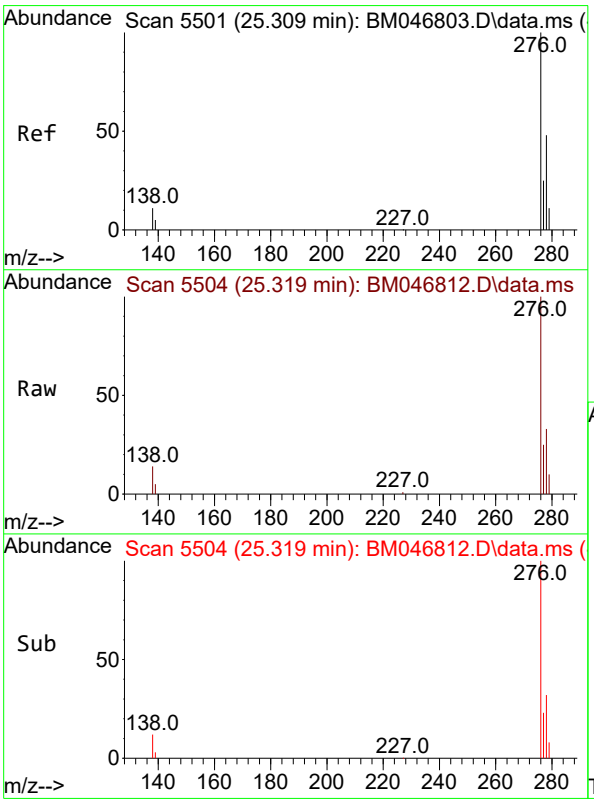
#26
Benzo(a)pyrene
Concen: 5.897 ng/ul
RT: 23.121 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Instrument :
BNA_M
ClientSampleId :
A4BB2

Tgt Ion:252 Resp: 189731

Ion	Ratio	Lower	Upper
252	100		
253	23.8	26.0	39.0#
125	6.5	7.8	11.8#

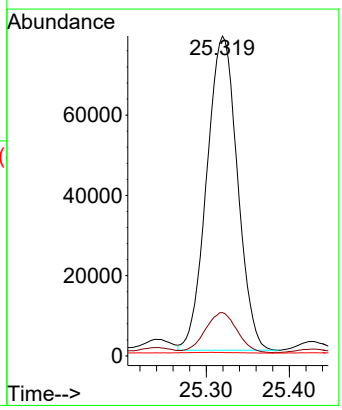


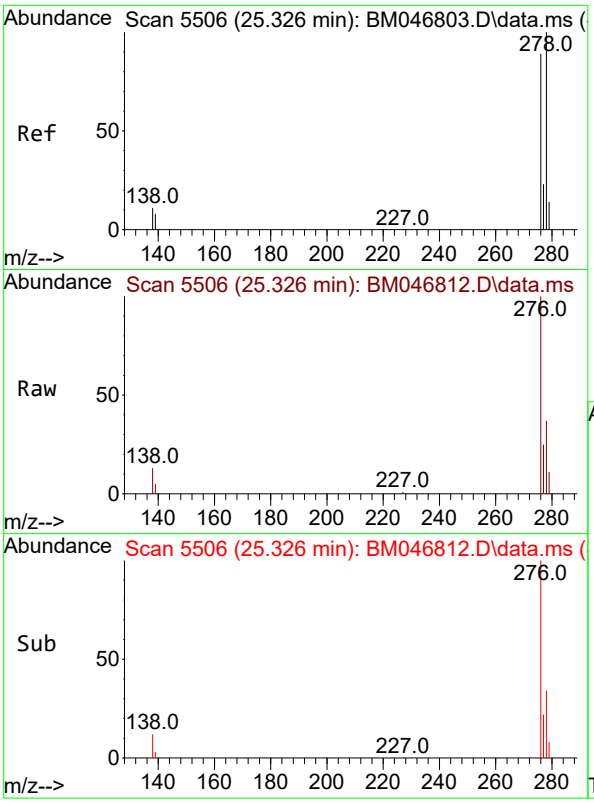


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.060 ng/ul
RT: 25.319 min Scan# 5504
Delta R.T. 0.003 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Tgt Ion:276 Resp: 201058

Ion	Ratio	Lower	Upper
276	100		
138	13.2	9.7	14.5
227	0.4	0.2	0.2#



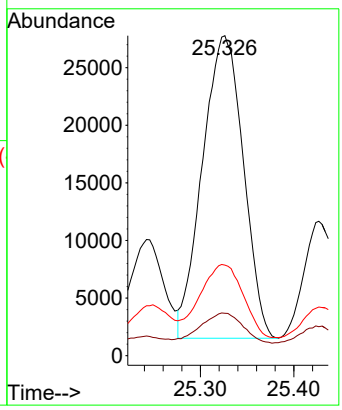


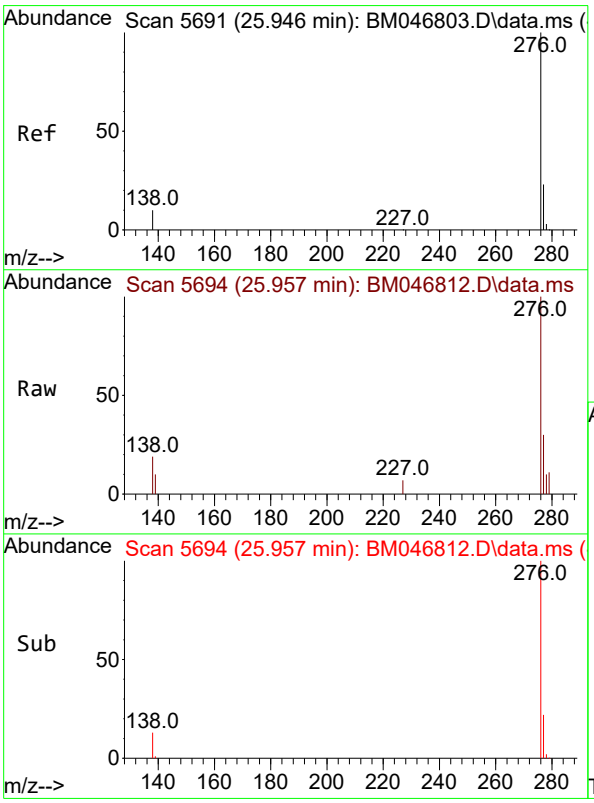
#28
Dibenzo(a,h)anthracene
Concen: 2.204 ng/ul
RT: 25.326 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Instrument :
BNA_M
ClientSampleId :
A4BB2

Tgt Ion:278 Resp: 79887

Ion	Ratio	Lower	Upper
278	100		
139	13.3	9.8	14.8
279	28.3	25.2	37.8





#29
Benzo(g,h,i)perylene
Concen: 0.731 ng/ul
RT: 25.957 min Scan# 5694
Delta R.T. 0.003 min
Lab File: BM046812.D
Acq: 25 Jul 2024 22:40

Tgt Ion:276 Resp: 31879

Ion	Ratio	Lower	Upper
276	100		
138	19.1	9.5	14.3#
277	30.3	20.9	31.3