Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046640.D
Acq On : 16 Jul 2024 19:27
Operator : MA/JU
Sample : P3177-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BS6

Quant Time: Jul 17 00:39:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.501	152	2580	0.400	ng/ul		0.00
4) Naphthalene-d8	10.260	136	7604	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.146	164	5398	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.900	188	12834	0.400	ng/ul		0.00
17) Chrysene-d12	21.108	240	10014	0.400	ng/ul	#	0.00
23) Perylene-d12	23.247	264	10340	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.113	96	5310	2.505	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.860	152	2607	0.213	ng/ul		0.00
18) Fluoranthene-d10	18.937	212	6961	0.228	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.309	128	713	0.037	ng/ul	#	75
7) 2-Methylnaphthalene	11.937	142	354	0.026	ng/ul		100
10) Acenaphthylene	13.864	152	1382	0.056	ng/ul	#	84
11) Acenaphthene	14.206	153	582	0.035	ng/ul		98
12) Fluorene	15.200	166	815	0.040	ng/ul	#	85
15) Phenanthrene	16.938	178	13327	0.364	ng/ul		99
16) Anthracene	17.031	178	3685	0.103	ng/ul	#	91
19) Fluoranthene	18.969	202	34642	0.842	ng/ul		99
20) Pyrene	19.332	202	32839	0.737	ng/ul		98
21) Benzo(a)anthracene	21.090	228	16008	0.361	ng/ul		94
22) Chrysene	21.090	228	15879	0.370	ng/ul		96
24) Benzo(b)fluoranthene	22.615	252	29010	0.702	ng/ul		91
25) Benzo(k)fluoranthene	22.615	252	29010	0.715	ng/ul	#	91
26) Benzo(a)pyrene	23.156	252	13806	0.406	ng/ul	#	94
27) Indeno(1,2,3-cd)pyrene	25.363	276	10750	0.208	ng/ul	#	100
28) Dibenzo(a,h)anthracene	25.376	278	2649	0.065	ng/ul	#	24
29) Benzo(g,h,i)perylene	26.013	276	10760	0.261	ng/ul	#	92

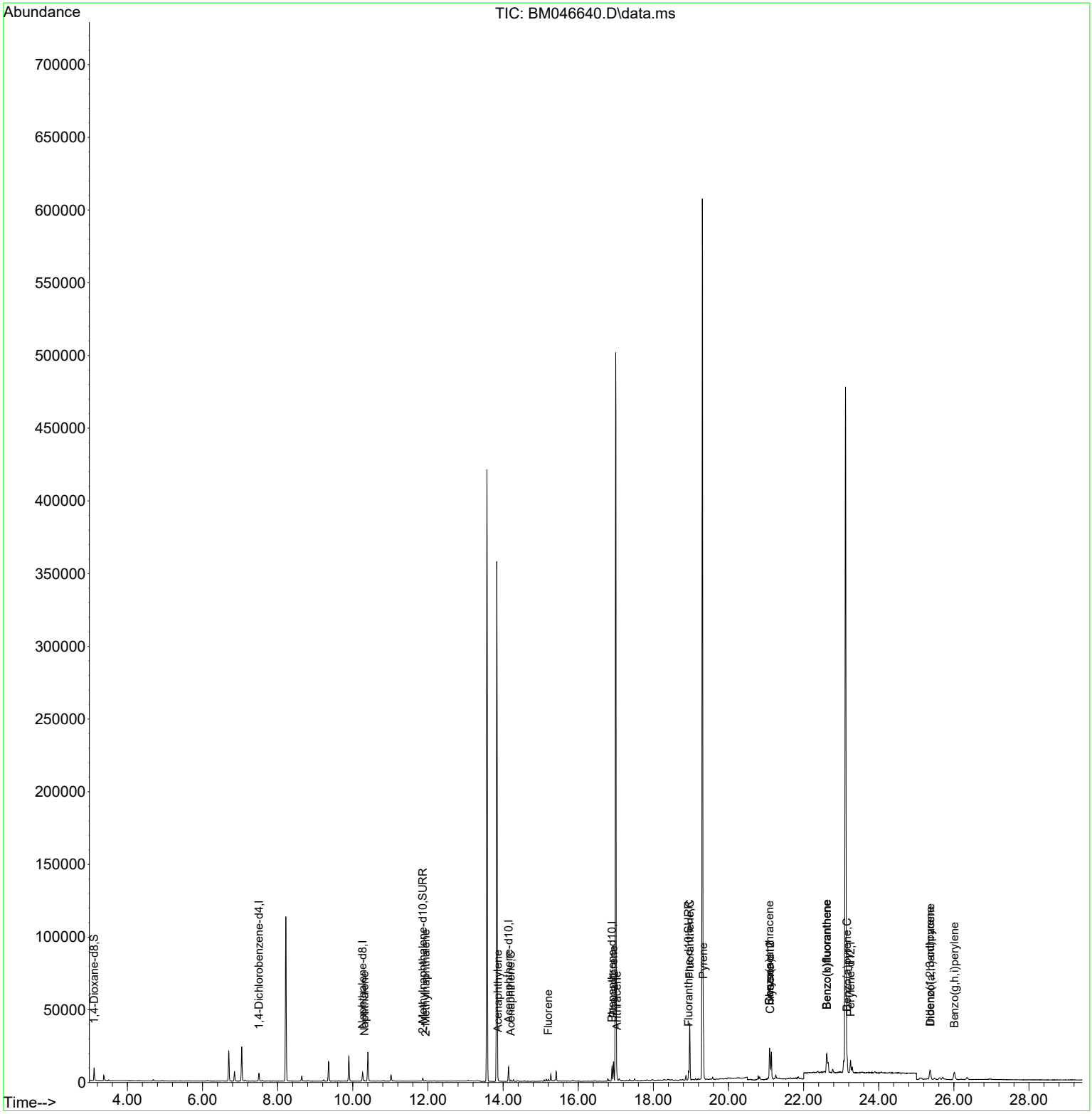
(#) = qualifier out of range (m) = manual integration (+) = signals summed

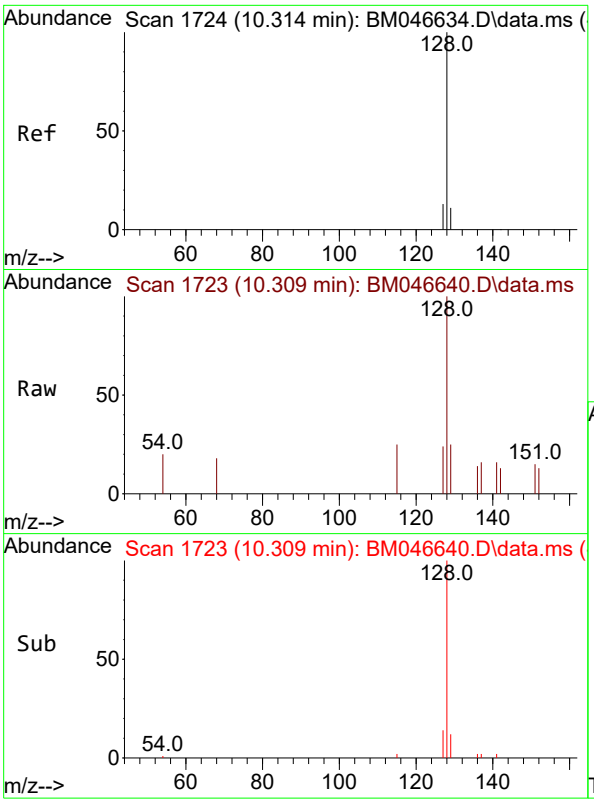
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046640.D
Acq On : 16 Jul 2024 19:27
Operator : MA/JU
Sample : P3177-08
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BS6

Quant Time: Jul 17 00:39:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration



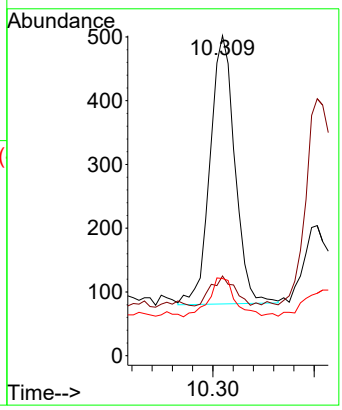


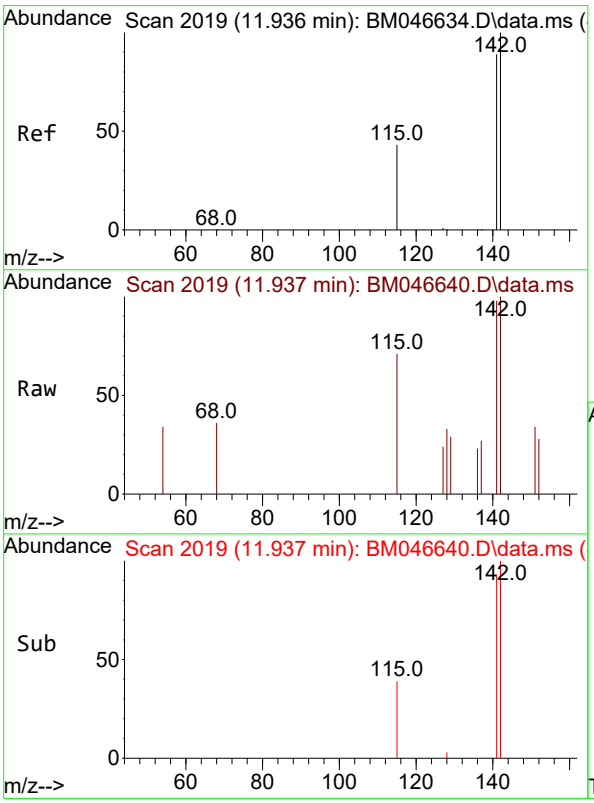
#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.309 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Instrument :
BNA_M
ClientSampleId :
A4BS6

Tgt Ion:128 Resp: 713

Ion	Ratio	Lower	Upper
128	100		
129	24.9	10.3	15.5#
127	24.1	12.2	18.4#

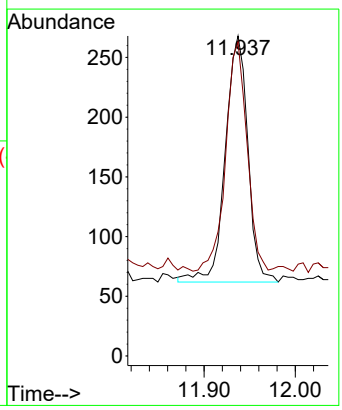


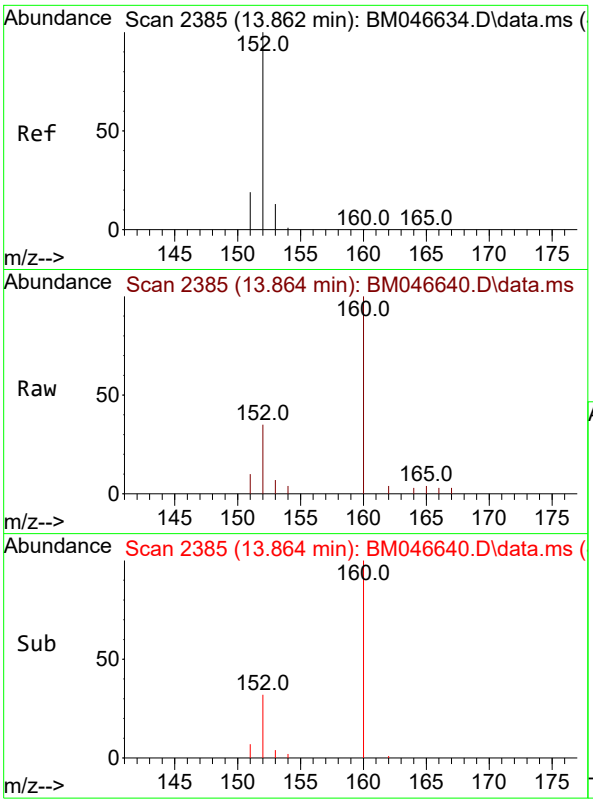


#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 11.937 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Tgt Ion:142 Resp: 354

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.3	105.5



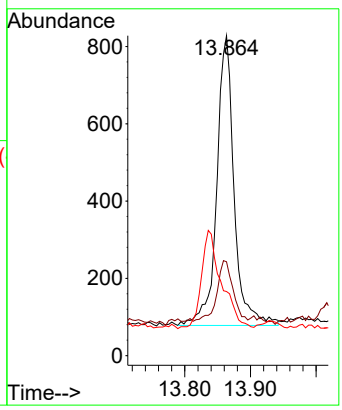


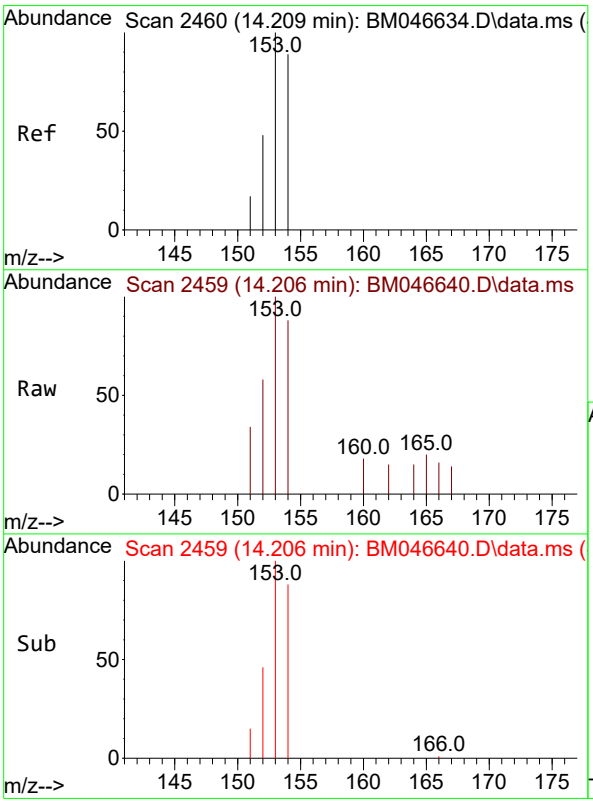
#10
Acenaphthylene
Concen: 0.056 ng/ul
RT: 13.864 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Instrument :
BNA_M
ClientSampleId :
A4BS6

Tgt Ion:152 Resp: 1382

Ion	Ratio	Lower	Upper
152	100		
151	29.3	16.4	24.6#
153	20.0	12.4	18.6#

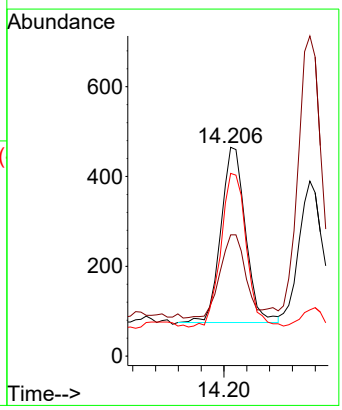


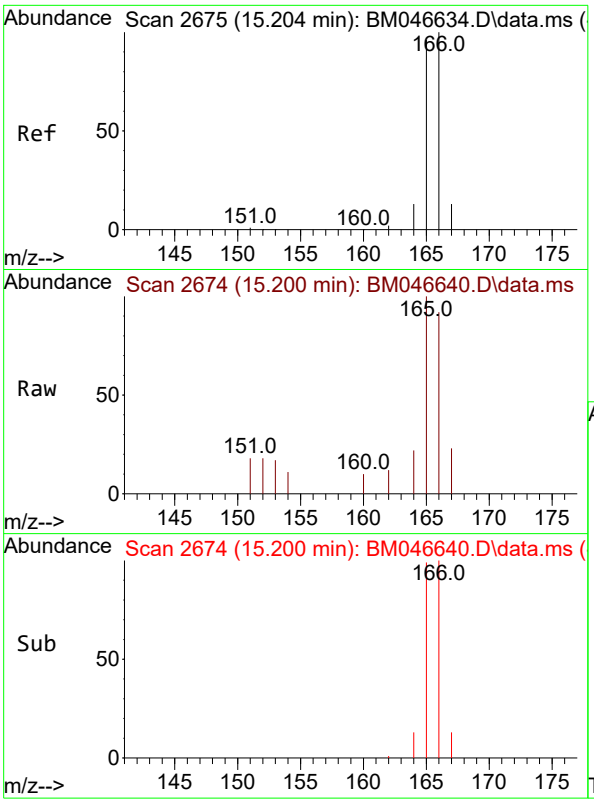


#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.206 min Scan# 2459
Delta R.T. -0.005 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Tgt Ion:153 Resp: 582

Ion	Ratio	Lower	Upper
153	100		
152	58.1	43.0	64.6
154	87.5	69.9	104.9



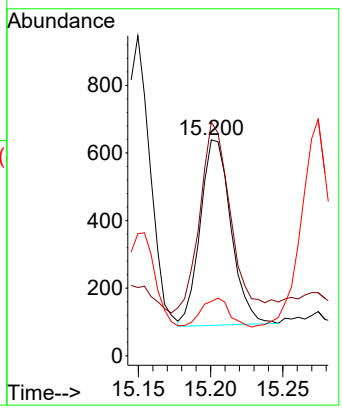


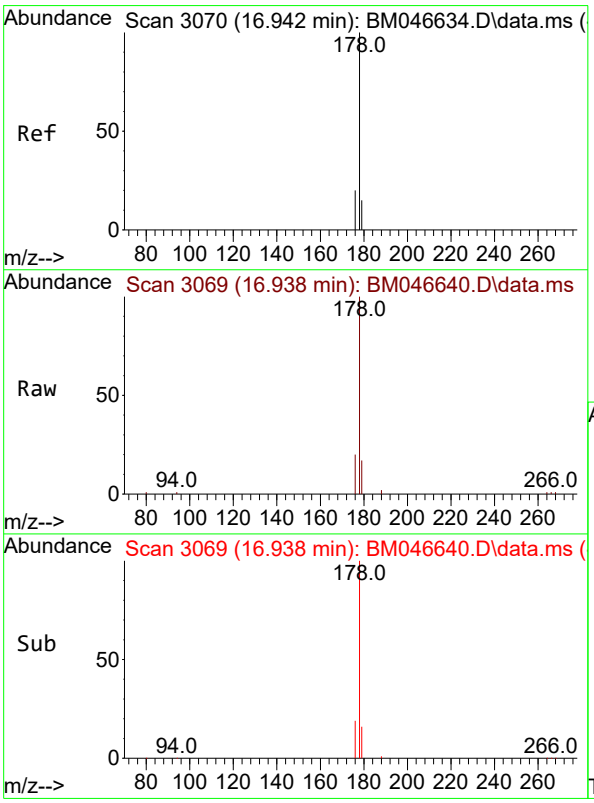
#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.200 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Instrument :
BNA_M
ClientSampleId :
A4BS6

Tgt Ion:166 Resp: 815

Ion	Ratio	Lower	Upper
166	100		
165	108.1	76.1	114.1
167	25.2	12.5	18.7#

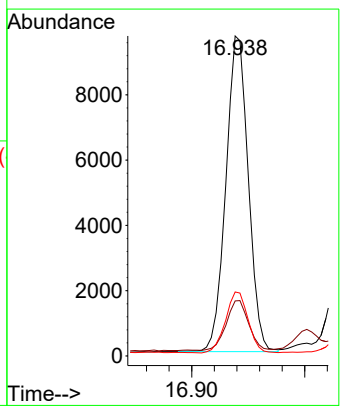


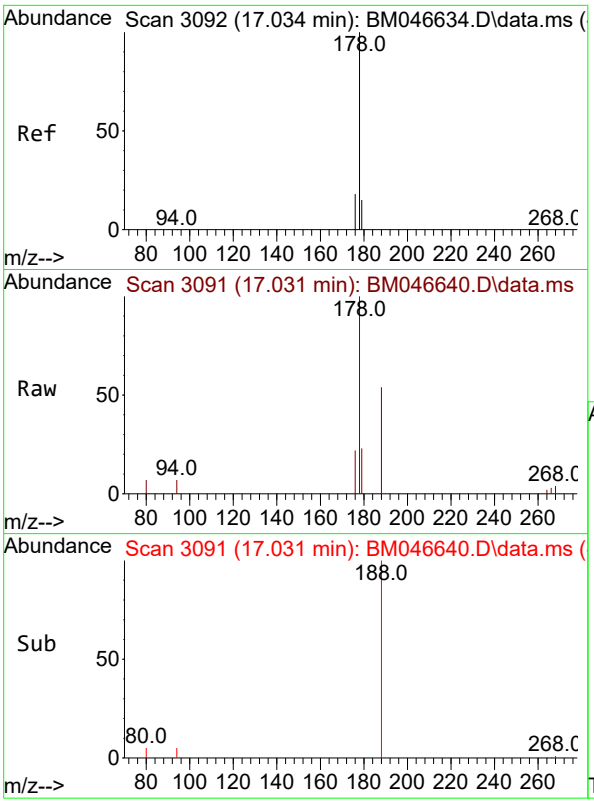


#15
Phenanthrene
Concen: 0.364 ng/ul
RT: 16.938 min Scan# 3069
Delta R.T. -0.005 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Tgt Ion:178 Resp: 13327

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.1	19.7
176	20.0	16.0	24.0



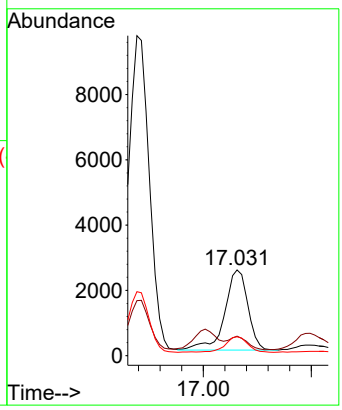


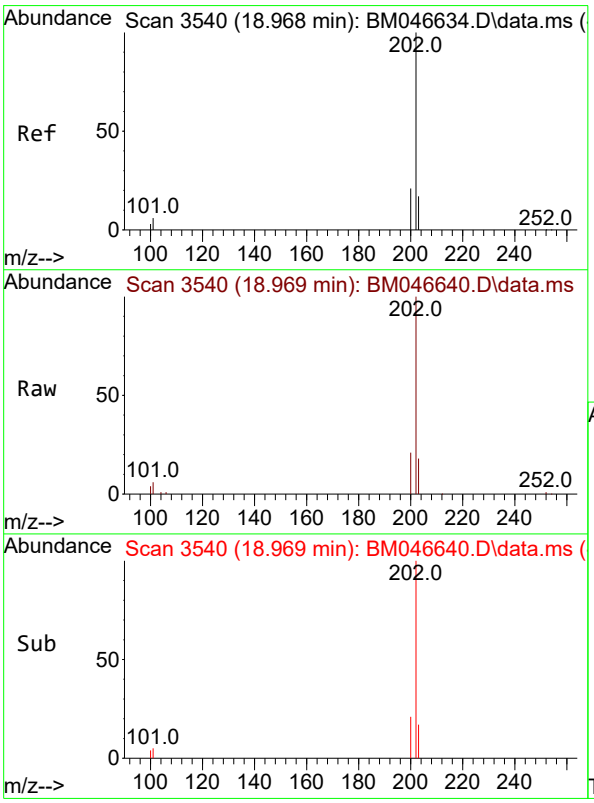
#16
Anthracene
Concen: 0.103 ng/ul
RT: 17.031 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Instrument :
BNA_M
ClientSampleId :
A4BS6

Tgt Ion:178 Resp: 3685

Ion	Ratio	Lower	Upper
178	100		
179	22.7	13.5	20.3#
176	22.0	15.7	23.5

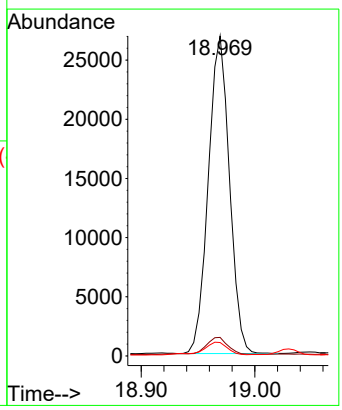


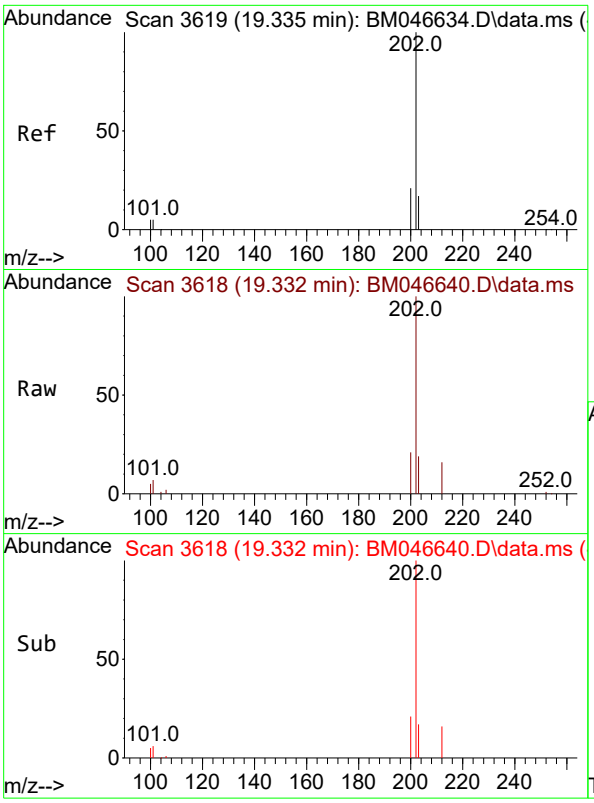


#19
Fluoranthene
Concen: 0.842 ng/ul
RT: 18.969 min Scan# 3540
Delta R.T. -0.001 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Tgt Ion:202 Resp: 34642

Ion	Ratio	Lower	Upper
202	100		
101	5.8	4.6	6.8
100	4.2	3.0	4.6



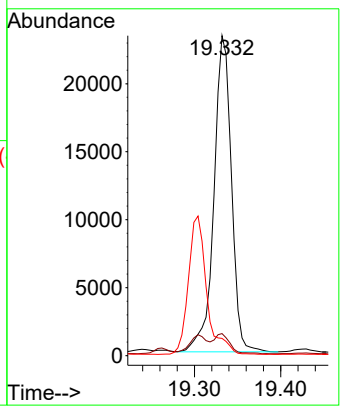


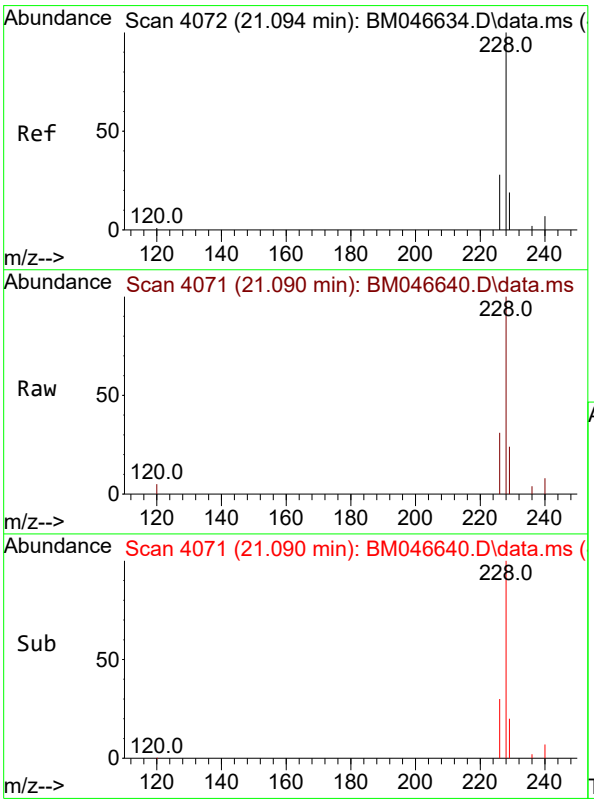
#20
Pyrene
Concen: 0.737 ng/ul
RT: 19.332 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Instrument :
BNA_M
ClientSampleId :
A4BS6

Tgt Ion:202 Resp: 32839

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.1	7.7
100	5.4	3.8	5.6

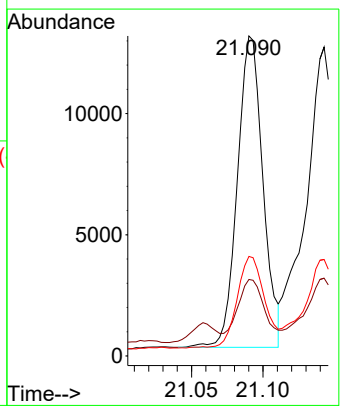


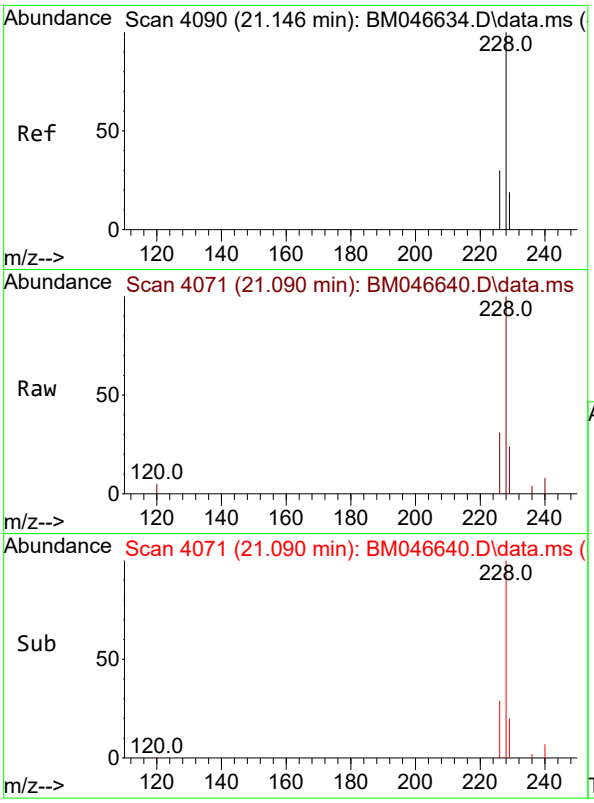


#21
Benzo(a)anthracene
Concen: 0.361 ng/ul
RT: 21.090 min Scan# 4071
Delta R.T. 0.002 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Tgt Ion:228 Resp: 16008

Ion	Ratio	Lower	Upper
228	100		
229	23.9	16.5	24.7
226	31.1	22.5	33.7



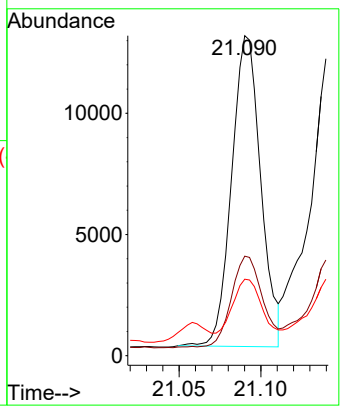


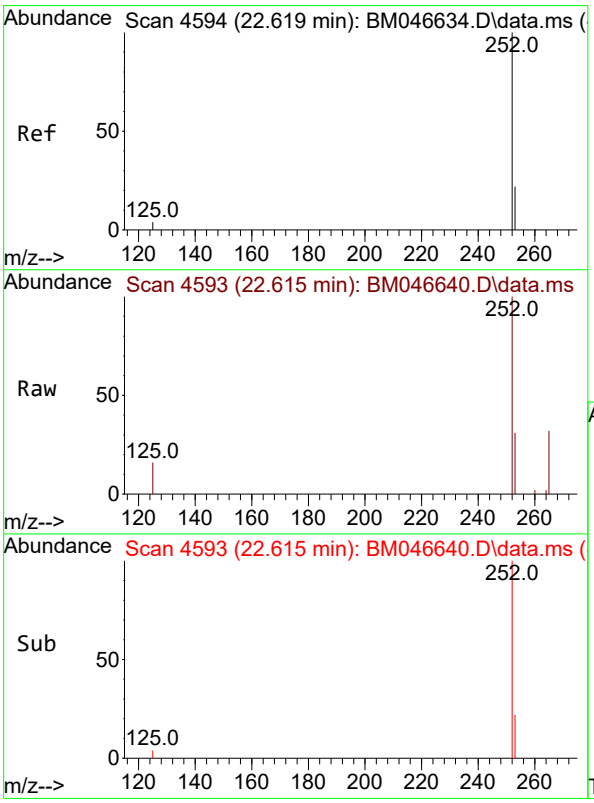
#22
Chrysene
Concen: 0.370 ng/ul
RT: 21.090 min Scan# 4
Delta R.T. -0.050 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Instrument :
BNA_M
ClientSampleId :
A4BS6

Tgt Ion:228 Resp: 15879

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.3	36.5
229	23.9	16.4	24.6

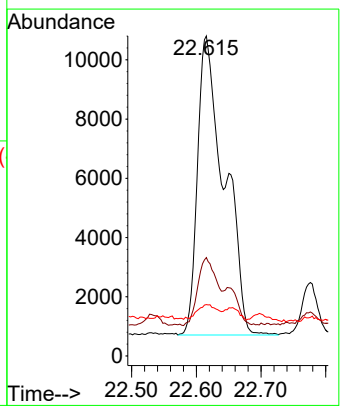


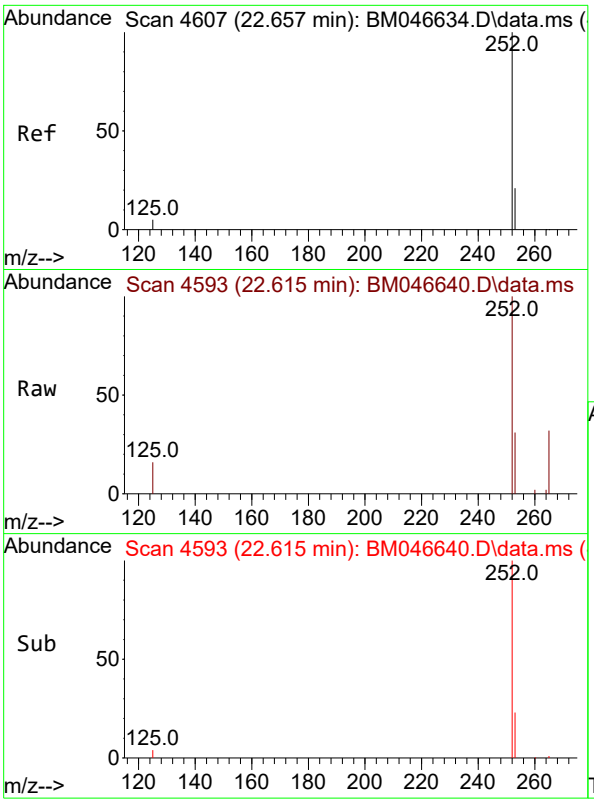


#24
Benzo(b)fluoranthene
Concen: 0.702 ng/ul
RT: 22.615 min Scan# 4593
Delta R.T. 0.005 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Tgt Ion:252 Resp: 29010

Ion	Ratio	Lower	Upper
252	100		
253	30.8	0.0	56.2
125	16.1	0.0	17.8



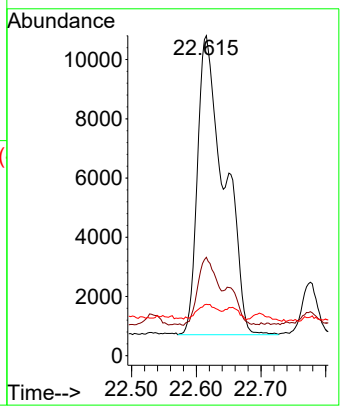


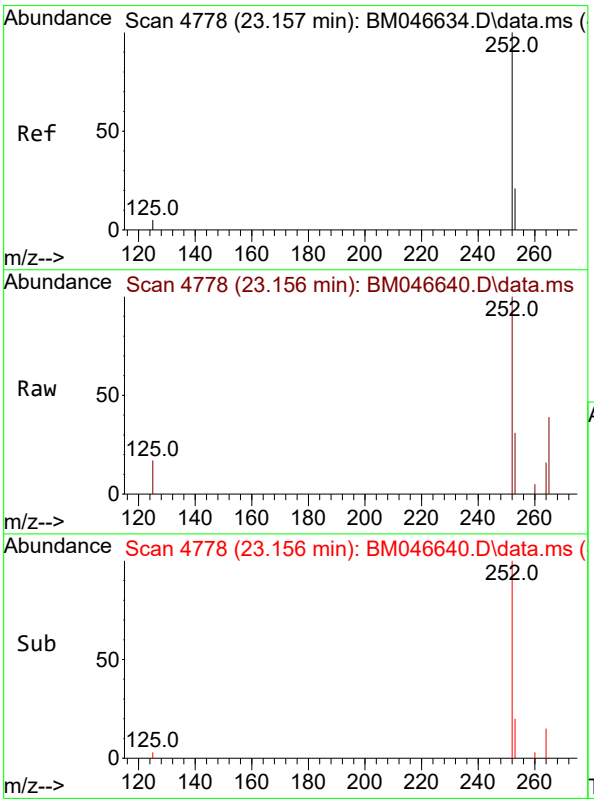
#25
Benzo(k)fluoranthene
Concen: 0.715 ng/ul
RT: 22.615 min Scan# 4
Delta R.T. -0.036 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Instrument :
BNA_M
ClientSampleId :
A4BS6

Tgt Ion:252 Resp: 29010

Ion	Ratio	Lower	Upper
252	100		
253	30.8	22.4	33.6
125	16.1	7.0	10.4#

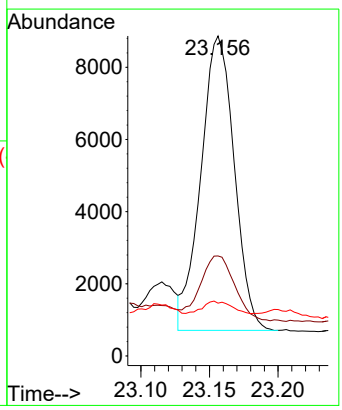


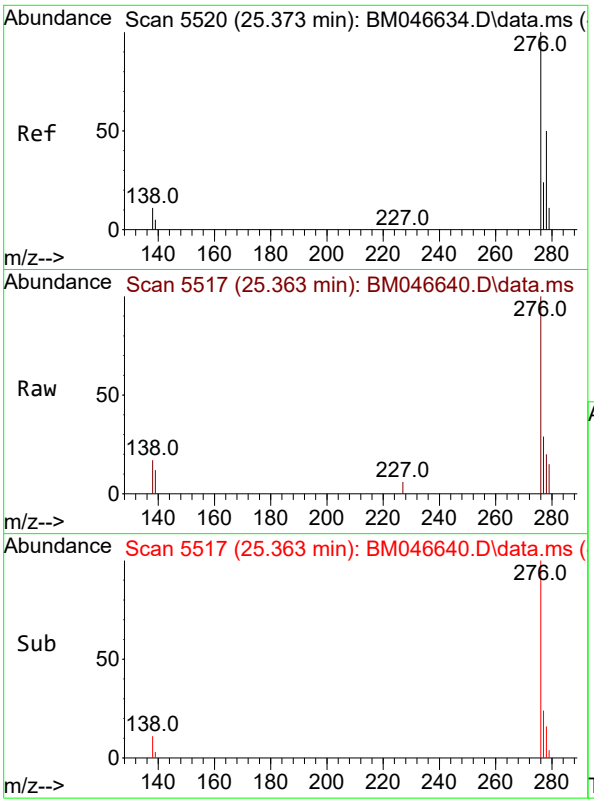


#26
Benzo(a)pyrene
Concen: 0.406 ng/ul
RT: 23.156 min Scan# 4778
Delta R.T. 0.005 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Tgt Ion:252 Resp: 13806

Ion	Ratio	Lower	Upper
252	100		
253	31.3	24.0	36.0
125	16.5	8.2	12.2#



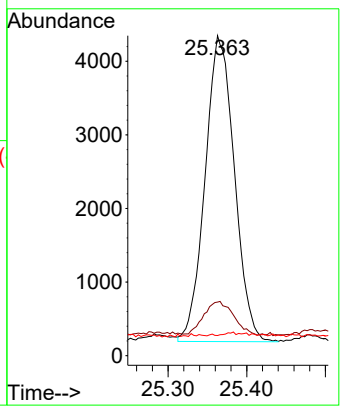


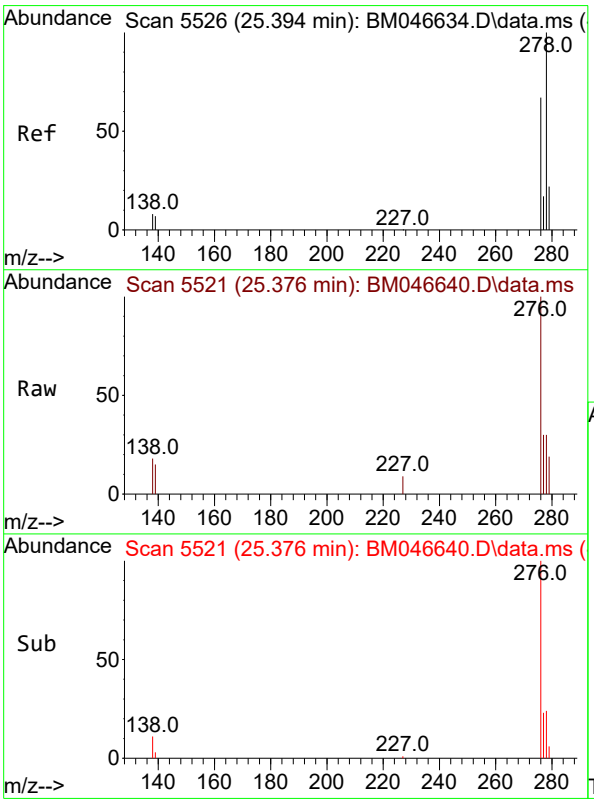
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.208 ng/ul
RT: 25.363 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Instrument :
BNA_M
ClientSampleId :
A4BS6

Tgt Ion:276 Resp: 10750

Ion	Ratio	Lower	Upper
276	100		
138	11.2	0.0	0.0#
227	0.1	0.2	0.2#

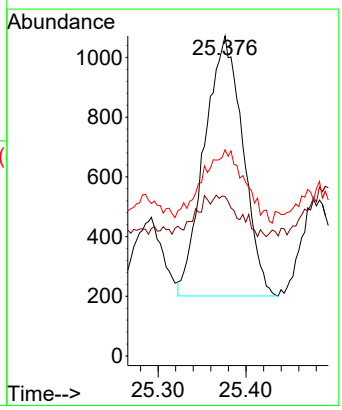


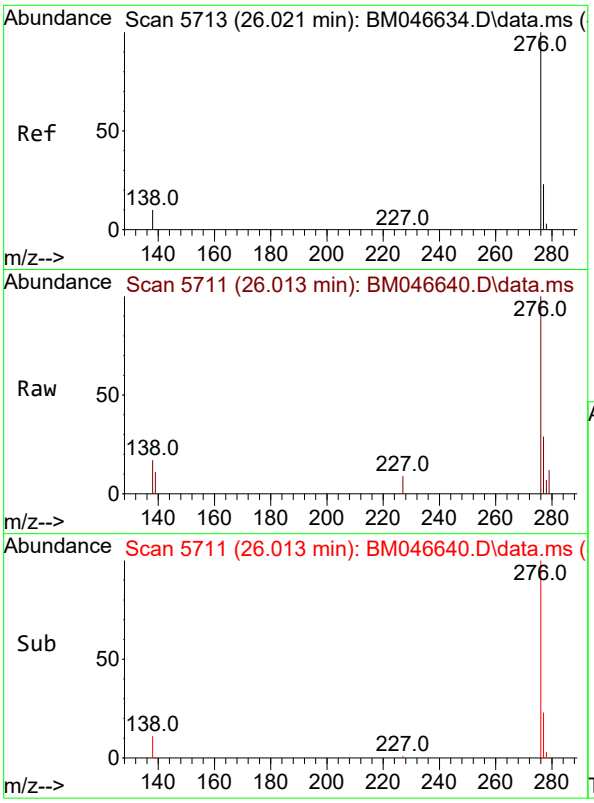


#28
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 25.376 min Scan# 5521
Delta R.T. -0.007 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Tgt Ion:278 Resp: 2649

Ion	Ratio	Lower	Upper
278	100		
139	49.8	9.1	13.7#
279	64.5	23.2	34.8#





#29
Benzo(g,h,i)perylene
Concen: 0.261 ng/ul
RT: 26.013 min Scan# 5
Delta R.T. 0.010 min
Lab File: BM046640.D
Acq: 16 Jul 2024 19:27

Instrument :
BNA_M
ClientSampleId :
A4BS6

Tgt Ion:276 Resp: 10760

Ion	Ratio	Lower	Upper
276	100		
138	17.3	10.2	15.4#
277	29.4	20.9	31.3