Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046300.D
Acq On : 25 Jun 2024 20:21
Operator : MA/JU
Sample : P2844-09DL 5X
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C61DL

Quant Time: Jun 25 23:29:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.400	152	2445	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.189	136	7253	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.053	164	4127	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.799	188	8423	0.400	ng/ul	-0.05
17) Chrysene-d12	21.000	240	7140	0.400	ng/ul	-0.03
23) Perylene-d12	23.086	264	9062	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2768	0.825	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.816	152	620	0.064	ng/ul	-0.05
18) Fluoranthene-d10	18.830	212	1442	0.067	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.233	128	1355	0.067	ng/ul#	74
7) 2-Methylnaphthalene	11.882	142	484	0.043	ng/ul	95
8) 1-Methylnaphthalene	12.091	142	438	0.035	ng/ul	95
10) Acenaphthylene	13.771	152	3078	0.157	ng/ul#	93
11) Acenaphthene	14.114	153	1222	0.086	ng/ul	94
12) Fluorene	15.113	166	1505	0.099	ng/ul#	96
15) Phenanthrene	16.842	178	30331	1.282	ng/ul	96
16) Anthracene	16.930	178	6391	0.363	ng/ul	96
19) Fluoranthene	18.863	202	63682	2.060	ng/ul	96
20) Pyrene	19.221	202	48926	1.463	ng/ul	98
21) Benzo(a)anthracene	20.982	228	30524	1.107	ng/ul	97
22) Chrysene	21.035	228	29153	0.828	ng/ul	98
24) Benzo(b)fluoranthene	22.475	252	63531	1.946	ng/ul	90
25) Benzo(k)fluoranthene	22.475	252	63531	1.637	ng/ul#	88
26) Benzo(a)pyrene	22.999	252	17683	0.585	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.128	276	20231	0.409	ng/ul#	72
28) Dibenzo(a,h)anthracene	25.128	278	5487	0.149	ng/ul#	41
29) Benzo(g,h,i)perylene	25.749	276	3045	0.072	ng/ul#	56

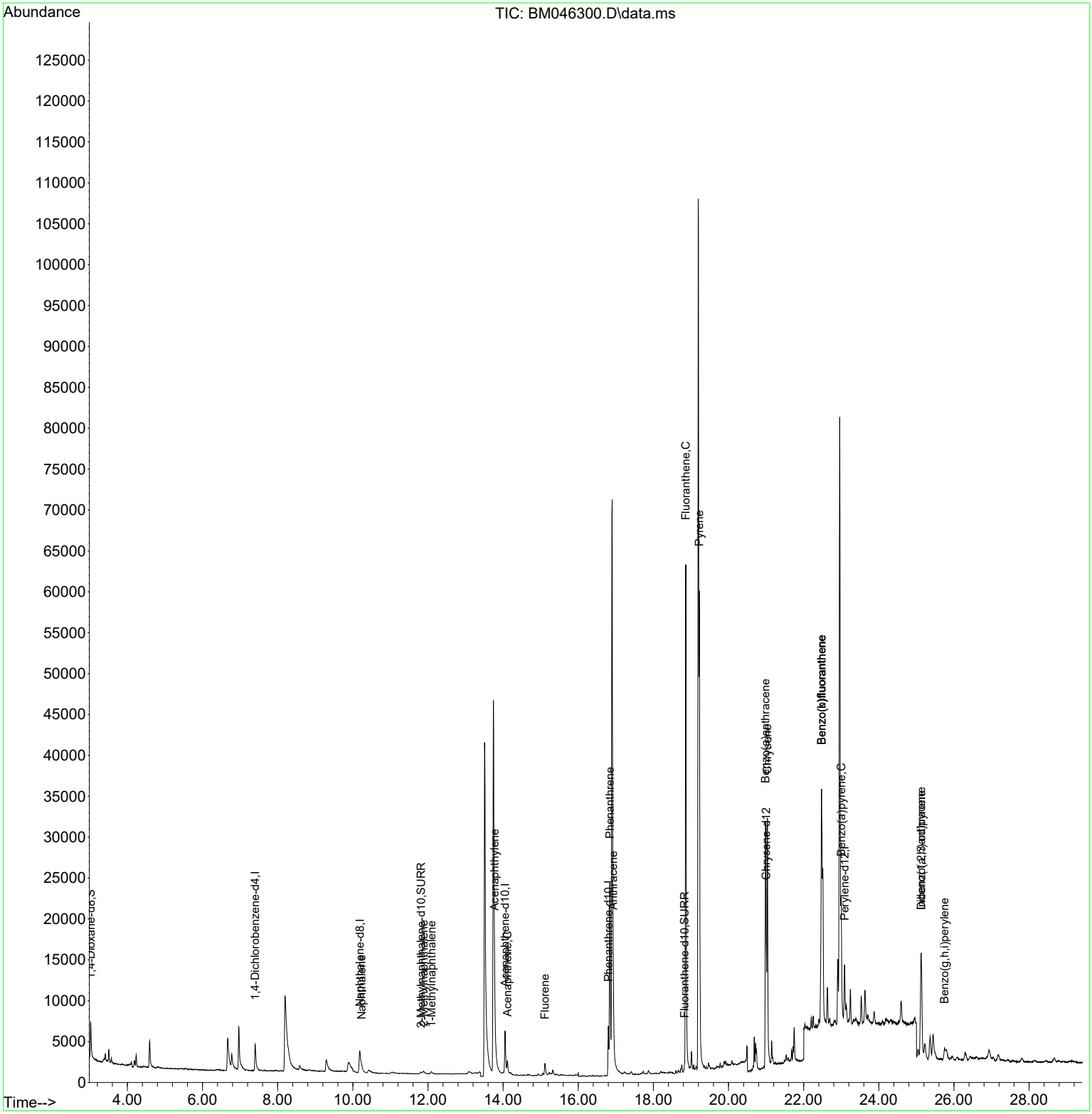
(#) = qualifier out of range (m) = manual integration (+) = signals summed

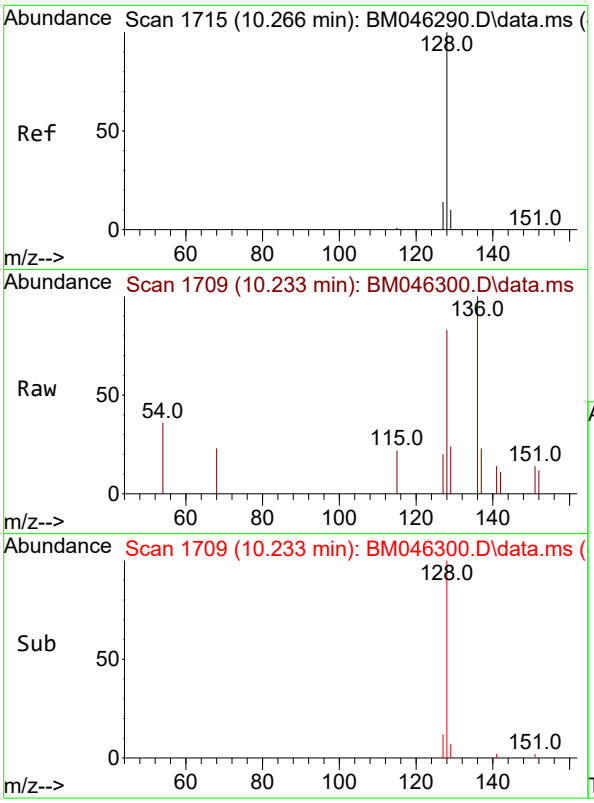
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046300.D
Acq On : 25 Jun 2024 20:21
Operator : MA/JU
Sample : P2844-09DL 5X
Misc :
ALS Vial : 60 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C61DL

Quant Time: Jun 25 23:29:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 08:04:59 2024
Response via : Initial Calibration



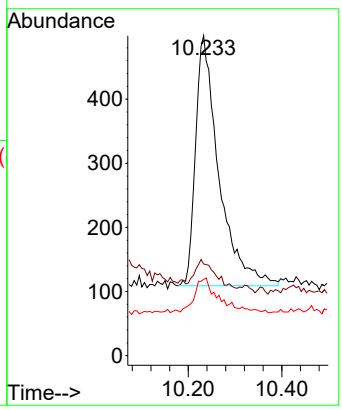


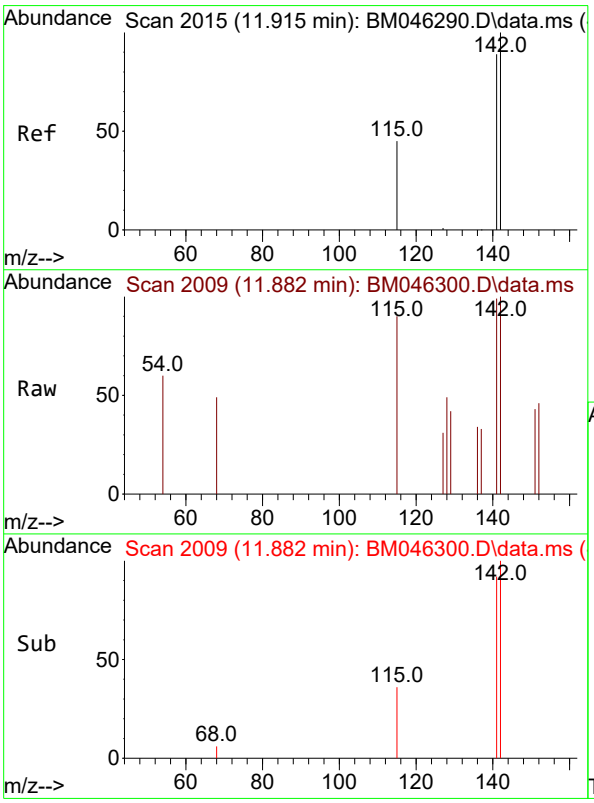
#5
Naphthalene
Concen: 0.067 ng/ul
RT: 10.233 min Scan# 1
Delta R.T. -0.071 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Instrument :
BNA_M
ClientSampleId :
A4C61DL

Tgt Ion:128 Resp: 1355

Ion	Ratio	Lower	Upper
128	100		
129	28.7	11.8	17.6#
127	23.8	12.8	19.2#

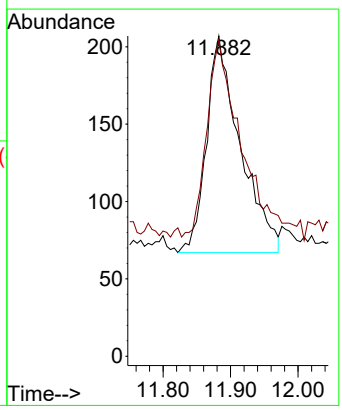


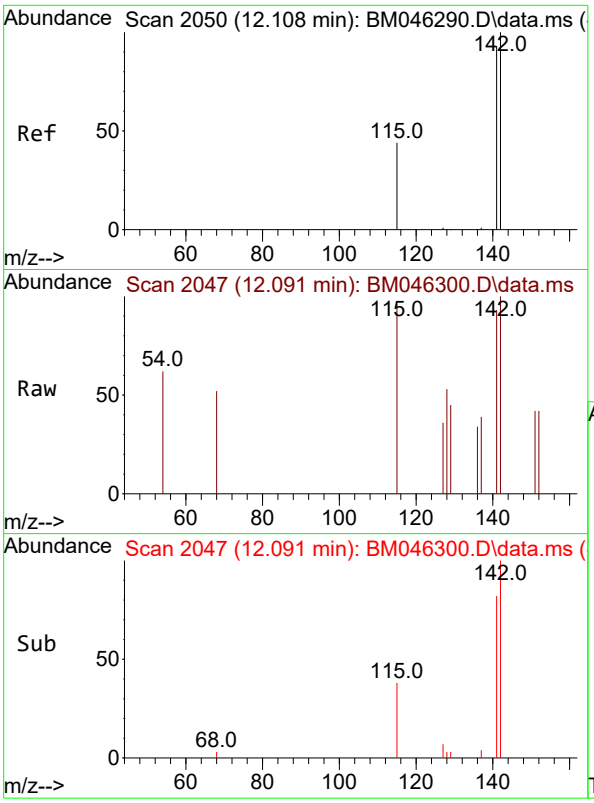


#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 11.882 min Scan# 2009
Delta R.T. -0.071 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:142 Resp: 484

Ion	Ratio	Lower	Upper
142	100		
141	97.9	74.6	111.8



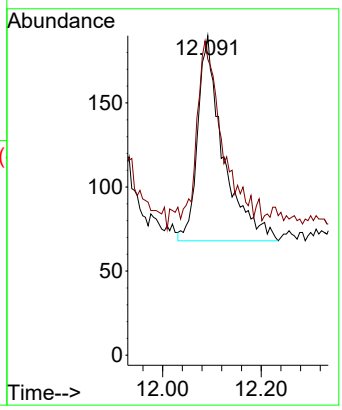


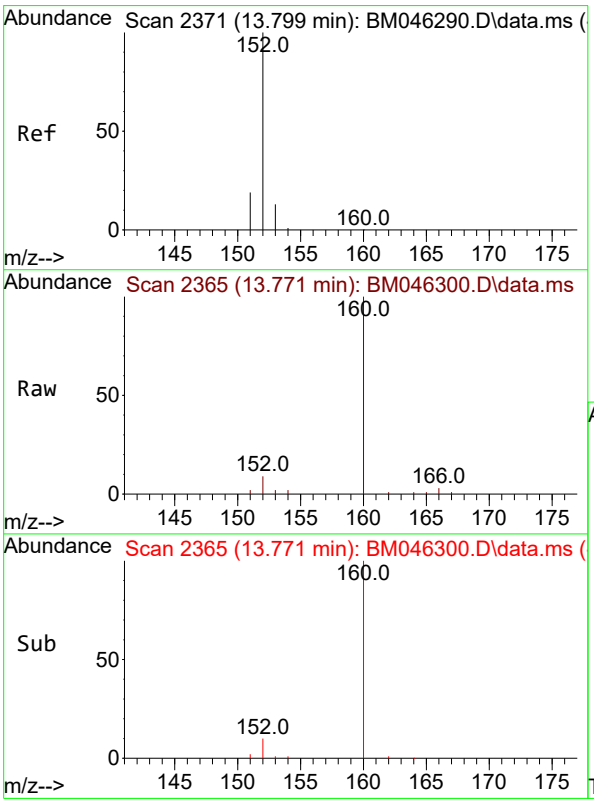
#8
1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.091 min Scan# 2
Delta R.T. -0.044 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Instrument :
BNA_M
ClientSampleId :
A4C61DL

Tgt Ion:142 Resp: 438

Ion	Ratio	Lower	Upper
142	100		
141	88.8	75.2	112.8

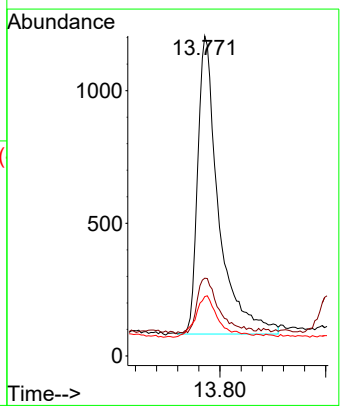


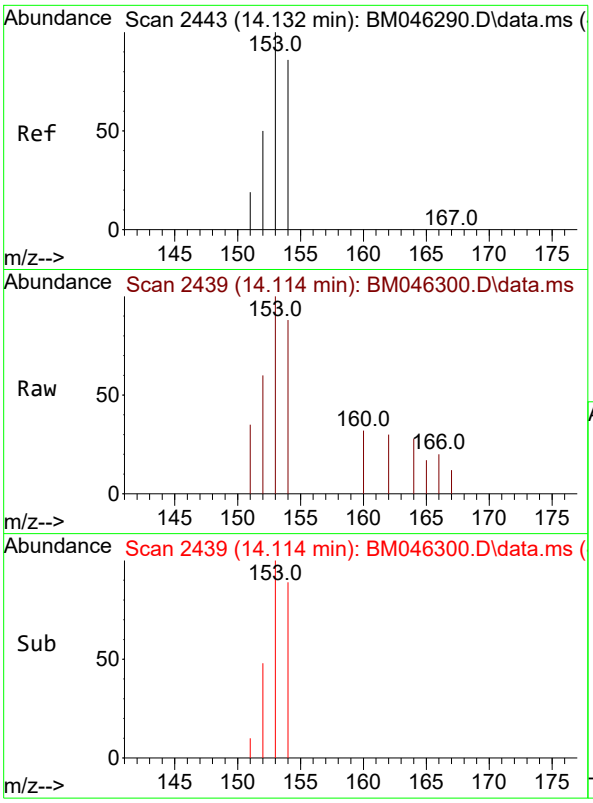


#10
Acenaphthylene
Concen: 0.157 ng/ul
RT: 13.771 min Scan# 2365
Delta R.T. -0.046 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:152 Resp: 3078

Ion	Ratio	Lower	Upper
152	100		
151	24.3	17.4	26.2
153	18.6	11.8	17.8#



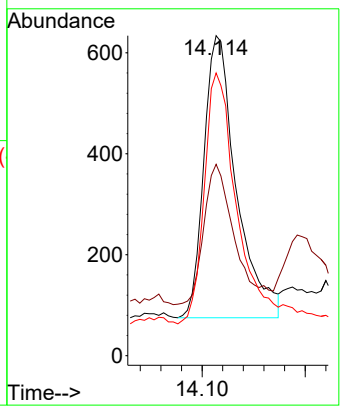


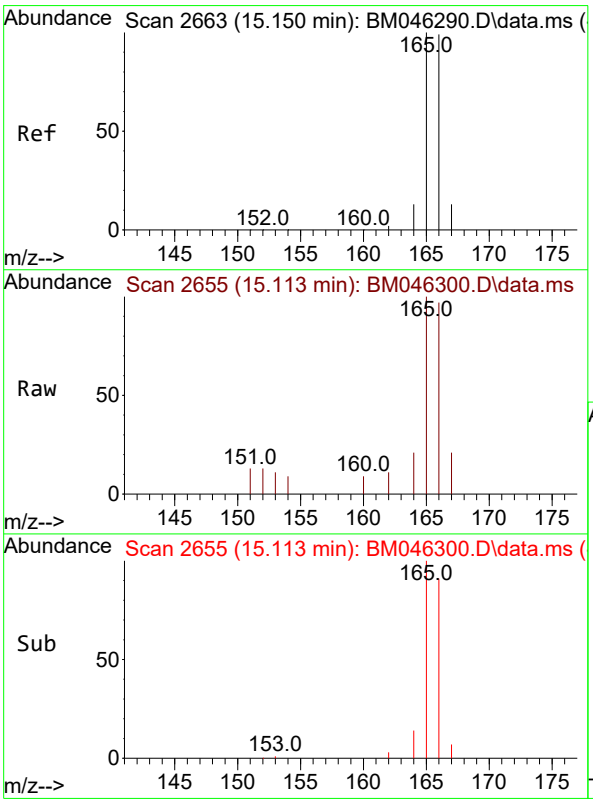
#11
Acenaphthene
Concen: 0.086 ng/ul
RT: 14.114 min Scan# 24
Delta R.T. -0.032 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Instrument :
BNA_M
ClientSampleId :
A4C61DL

Tgt Ion:153 Resp: 1222

Ion	Ratio	Lower	Upper
153	100		
152	59.8	41.3	61.9
154	88.3	68.2	102.4

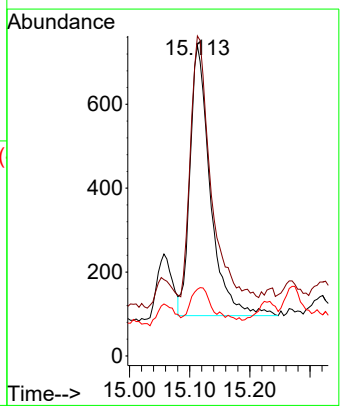


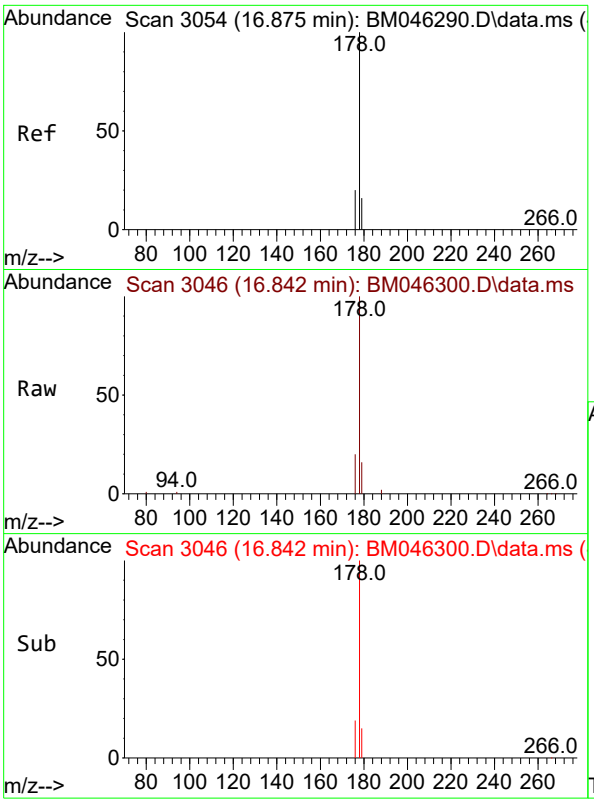


#12
Fluorene
Concen: 0.099 ng/ul
RT: 15.113 min Scan# 2655
Delta R.T. -0.055 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:166 Resp: 1505

Ion	Ratio	Lower	Upper
166	100		
165	103.1	80.4	120.6
167	21.5	12.4	18.6#



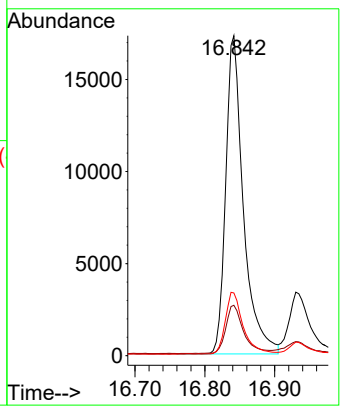


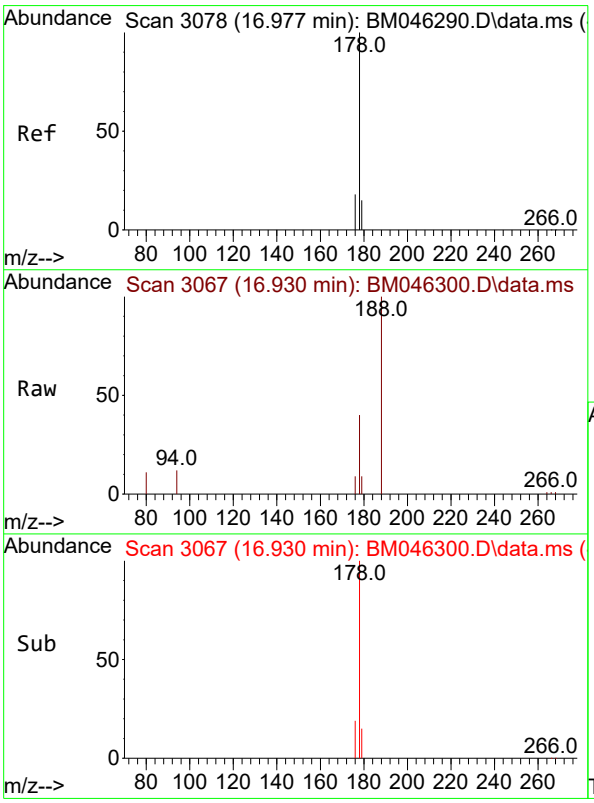
#15
Phenanthrene
Concen: 1.282 ng/ul
RT: 16.842 min Scan# 3
Delta R.T. -0.046 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Instrument :
BNA_M
ClientSampleId :
A4C61DL

Tgt Ion:178 Resp: 30331

Ion	Ratio	Lower	Upper
178	100		
179	15.8	14.2	21.2
176	19.6	17.1	25.7

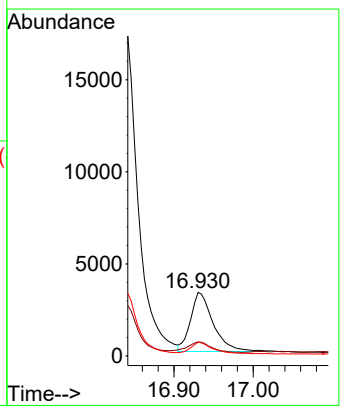


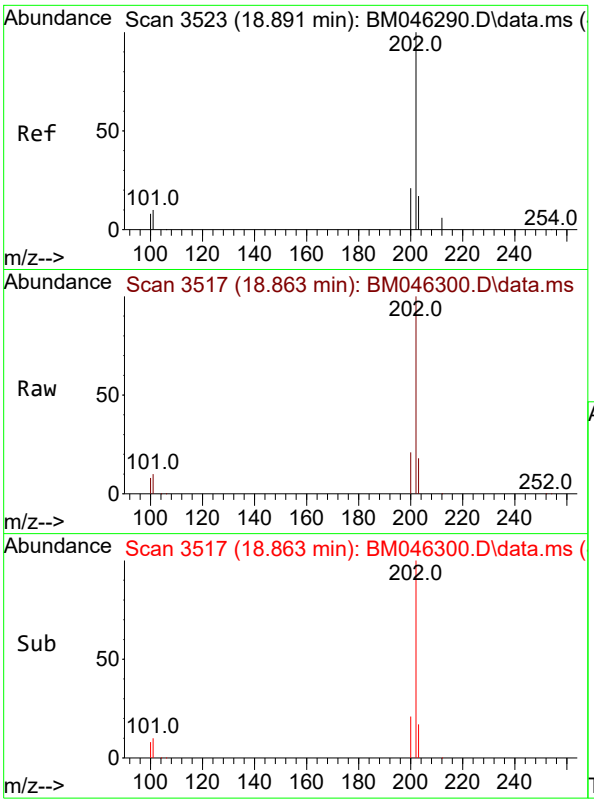


#16
Anthracene
Concen: 0.363 ng/ul
RT: 16.930 min Scan# 3067
Delta R.T. -0.076 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:178 Resp: 6391

Ion	Ratio	Lower	Upper
178	100		
179	22.1	14.9	22.3
176	21.3	17.0	25.4



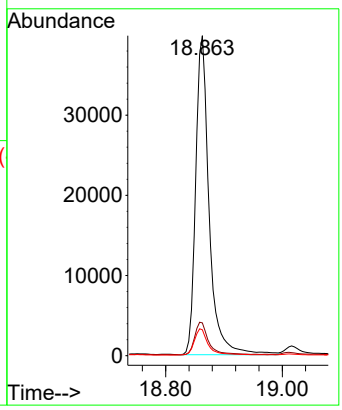


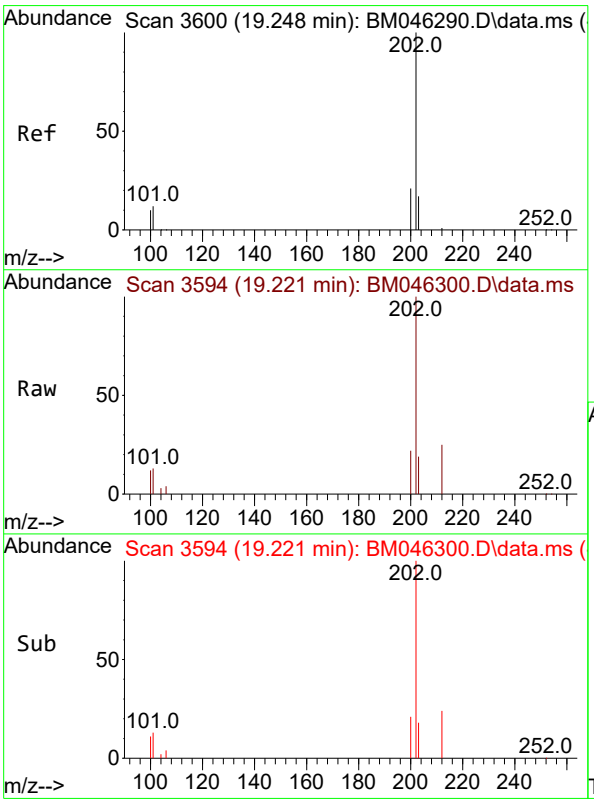
#19
Fluoranthene
Concen: 2.060 ng/ul
RT: 18.863 min Scan# 3
Delta R.T. -0.042 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Instrument :
BNA_M
ClientSampleId :
A4C61DL

Tgt Ion:202 Resp: 63682

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.6	14.4
100	8.1	7.6	11.4

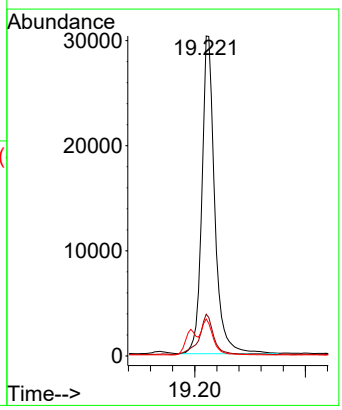


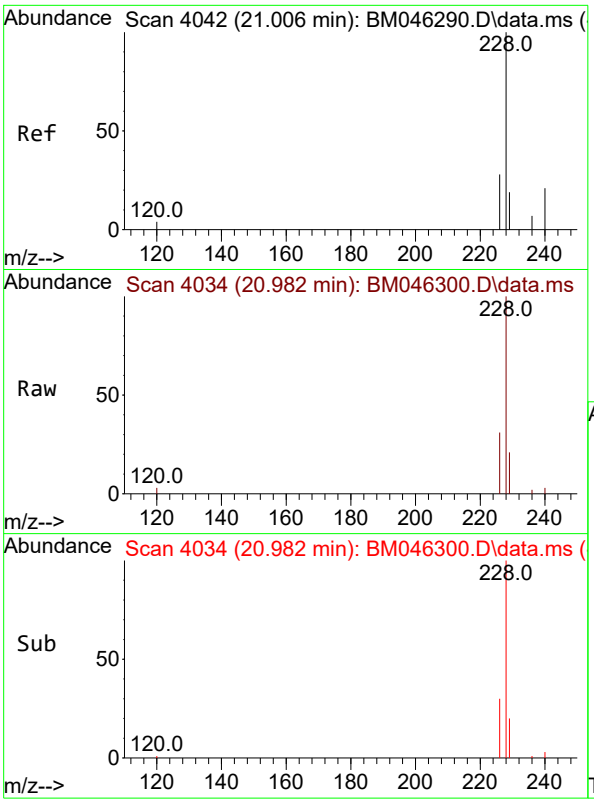


#20
Pyrene
Concen: 1.463 ng/ul
RT: 19.221 min Scan# 3594
Delta R.T. -0.037 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:202 Resp: 48926

Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.3	16.9
100	11.5	9.8	14.6



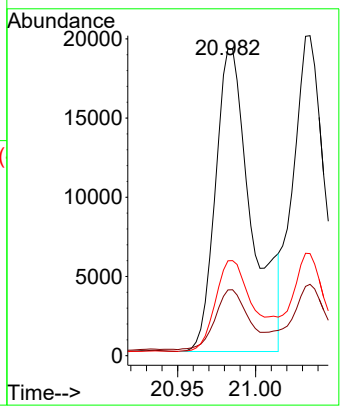


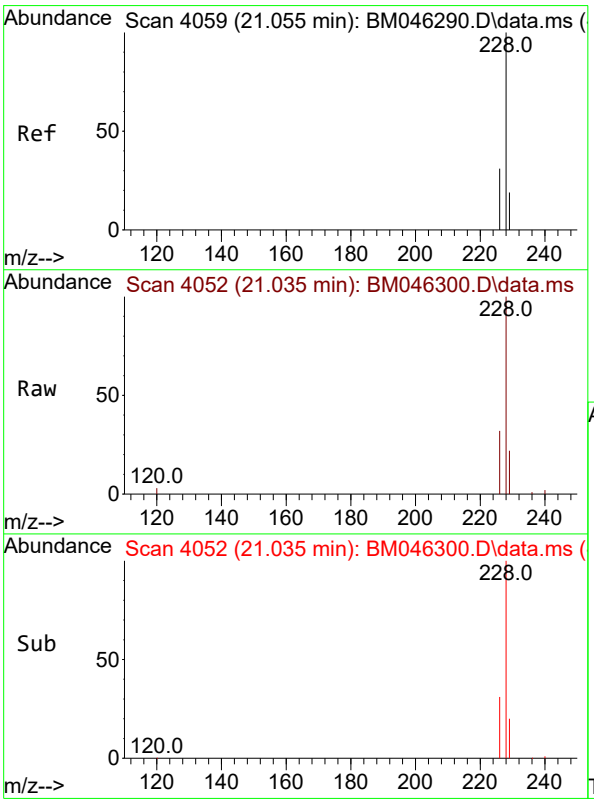
#21
Benzo(a)anthracene
Concen: 1.107 ng/ul
RT: 20.982 min Scan# 4
Delta R.T. -0.029 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Instrument :
BNA_M
ClientSampleId :
A4C61DL

Tgt Ion:228 Resp: 30524

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.4	24.6
226	30.9	23.4	35.2

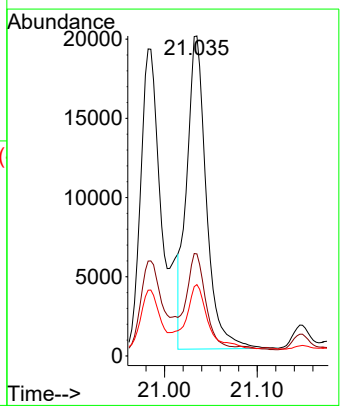


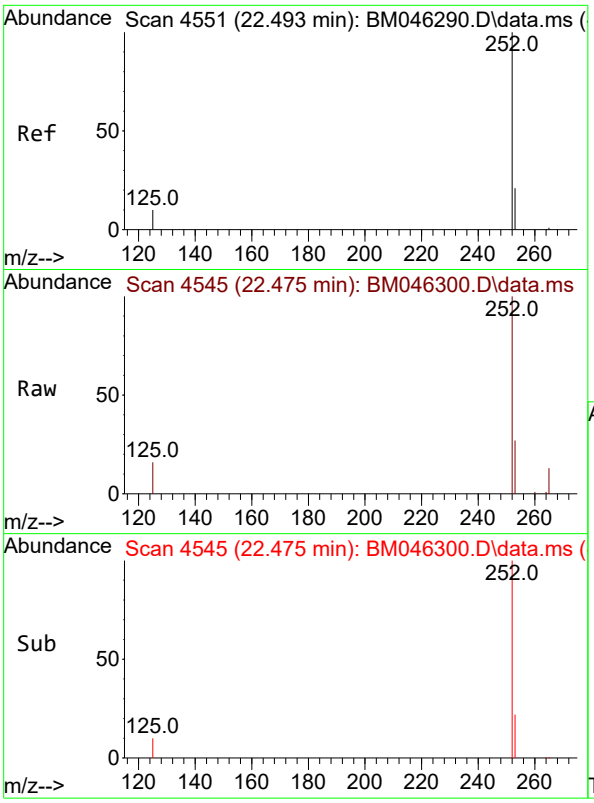


#22
Chrysene
Concen: 0.828 ng/ul
RT: 21.035 min Scan# 4052
Delta R.T. -0.023 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:228 Resp: 29153

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.2	37.8
229	22.3	16.3	24.5



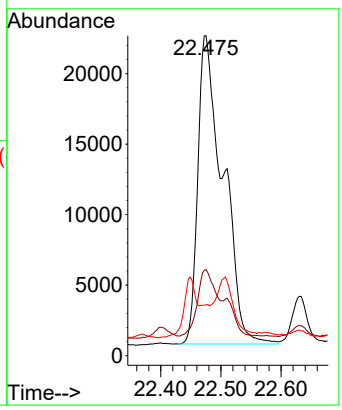


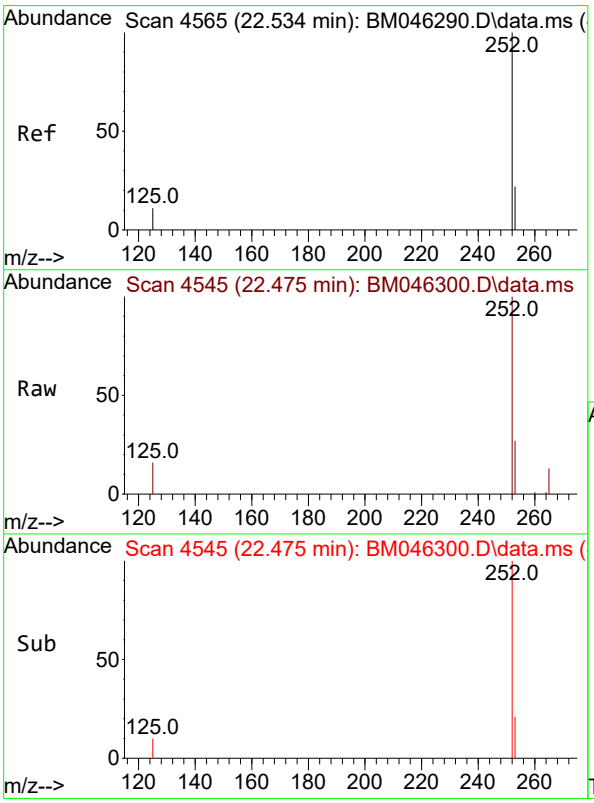
#24
Benzo(b)fluoranthene
Concen: 1.946 ng/ul
RT: 22.475 min Scan# 4
Delta R.T. -0.020 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Instrument :
BNA_M
ClientSampleId :
A4C61DL

Tgt Ion:252 Resp: 63531

Ion	Ratio	Lower	Upper
252	100		
253	26.9	0.0	65.8
125	15.9	0.0	40.2

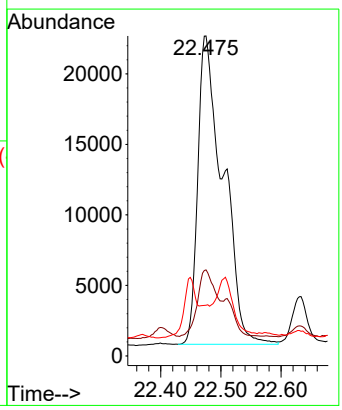


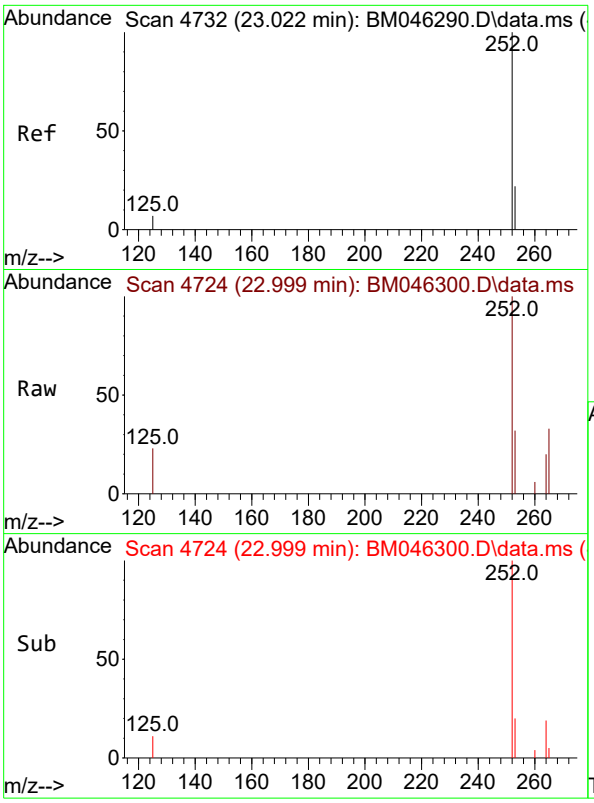


#25
Benzo(k)fluoranthene
Concen: 1.637 ng/ul
RT: 22.475 min Scan# 4545
Delta R.T. -0.061 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:252 Resp: 63531

Ion	Ratio	Lower	Upper
252	100		
253	26.9	27.2	40.8#
125	15.9	16.6	25.0#



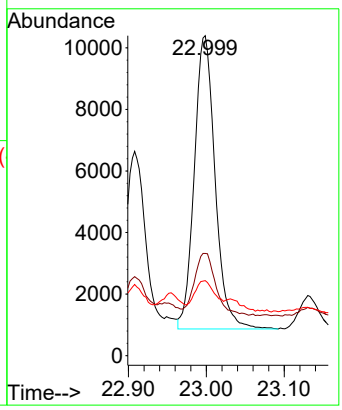


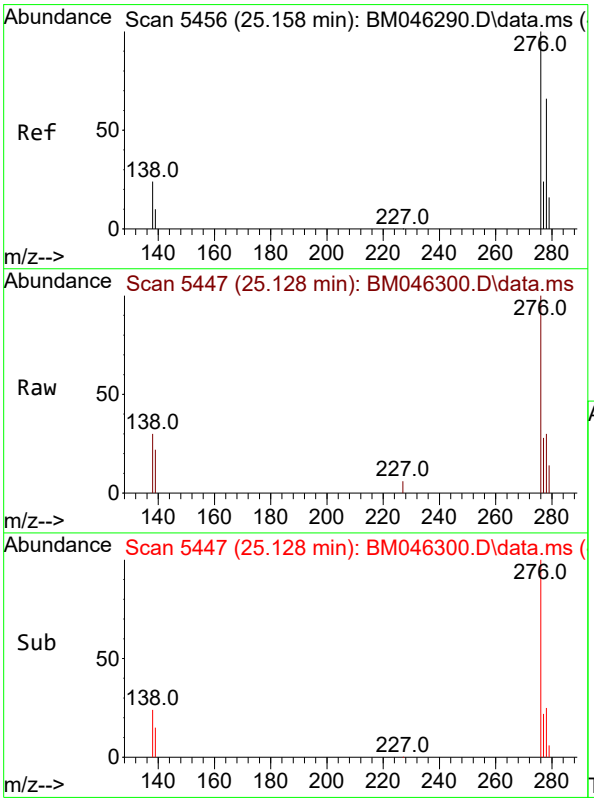
#26
Benzo(a)pyrene
Concen: 0.585 ng/ul
RT: 22.999 min Scan# 4
Delta R.T. -0.029 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Instrument :
BNA_M
ClientSampleId :
A4C61DL

Tgt Ion:252 Resp: 17683

Ion	Ratio	Lower	Upper
252	100		
253	32.0	32.1	48.1#
125	23.5	21.2	31.8

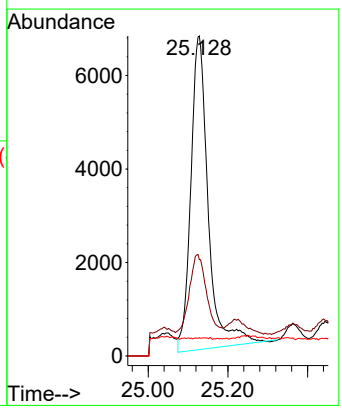


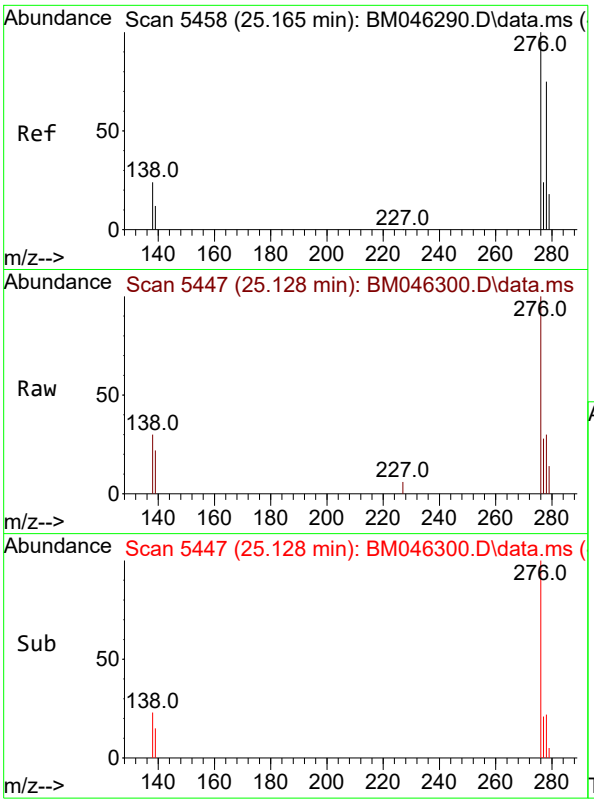


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng/ul
RT: 25.128 min Scan# 5447
Delta R.T. -0.040 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:276 Resp: 20231

Ion	Ratio	Lower	Upper
276	100		
138	40.3	21.0	31.4#
227	0.0	0.0	0.0



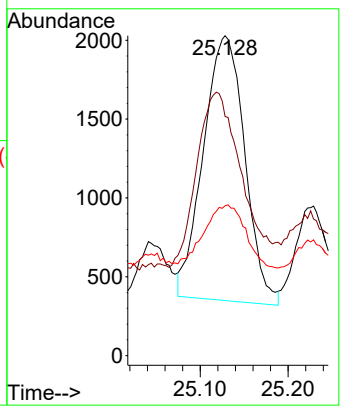


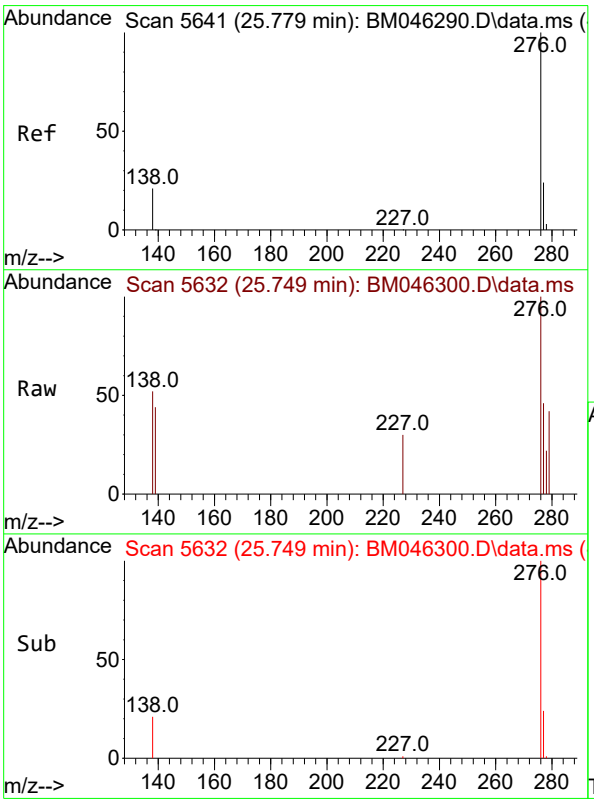
#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 25.128 min Scan# 54
Delta R.T. -0.054 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Instrument :
BNA_M
ClientSampleId :
A4C61DL

Tgt Ion:278 Resp: 5487

Ion	Ratio	Lower	Upper
278	100		
139	74.8	17.6	26.4#
279	46.9	26.3	39.5#





#29
Benzo(g,h,i)perylene
Concen: 0.072 ng/ul
RT: 25.749 min Scan# 5632
Delta R.T. -0.037 min
Lab File: BM046300.D
Acq: 25 Jun 2024 20:21

Tgt Ion:276 Resp: 3045

Ion	Ratio	Lower	Upper
276	100		
138	52.3	21.7	32.5#
277	45.6	20.4	30.6#