Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046837.D
Acq On : 26 Jul 2024 19:08
Operator : MA/JU
Sample : P3263-03DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BA5DL

Quant Time: Jul 27 00:07:27 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	7.468	152	4572	0.400	ng/ul		0.00
4) Naphthalene-d8	10.227	136	13660	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.114	164	7836	0.400	ng/ul		0.00
13) Phenanthrene-d10	16.871	188	14542	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.079	240	8417	0.400	ng/ul	#	0.00
23) Perylene-d12	23.209	264	9866	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.096	96	2825	0.882	ng/ul		0.00
6) 2-Methylnaphthalene-d10	11.822	152	1221	0.056	ng/ul		0.00
18) Fluoranthene-d10	18.909	212	1914	0.070	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.113	88	93	0.025	ng/ul	#	12
5) Naphthalene	10.271	128	1078	0.031	ng/ul	#	81
7) 2-Methylnaphthalene	11.899	142	503	0.021	ng/ul		94
10) Acenaphthylene	13.831	152	2707	0.075	ng/ul	#	94
11) Acenaphthene	14.178	153	2476	0.102	ng/ul		98
12) Fluorene	15.173	166	3062	0.101	ng/ul		98
15) Phenanthrene	16.909	178	60689	1.452	ng/ul		98
16) Anthracene	17.002	178	11945	0.307	ng/ul		99
19) Fluoranthene	18.942	202	115501	3.125	ng/ul		98
20) Pyrene	19.304	202	79039	2.067	ng/ul	#	96
21) Benzo(a)anthracene	21.064	228	41248	1.176	ng/ul		98
22) Chrysene	21.117	228	45700	1.283	ng/ul		97
24) Benzo(b)fluoranthene	22.580	252	87180	2.013	ng/ul		95
25) Benzo(k)fluoranthene	22.580	252	87180	1.997	ng/ul		94
26) Benzo(a)pyrene	23.115	252	22927	0.737	ng/ul	#	94
27) Indeno(1,2,3-cd)pyrene	25.309	276	24443	0.511	ng/ul	#	95
28) Dibenzo(a,h)anthracene	25.323	278	7590	0.217	ng/ul	#	77
29) Benzo(g,h,i)perylene	25.950	276	4134	0.098	ng/ul	#	66

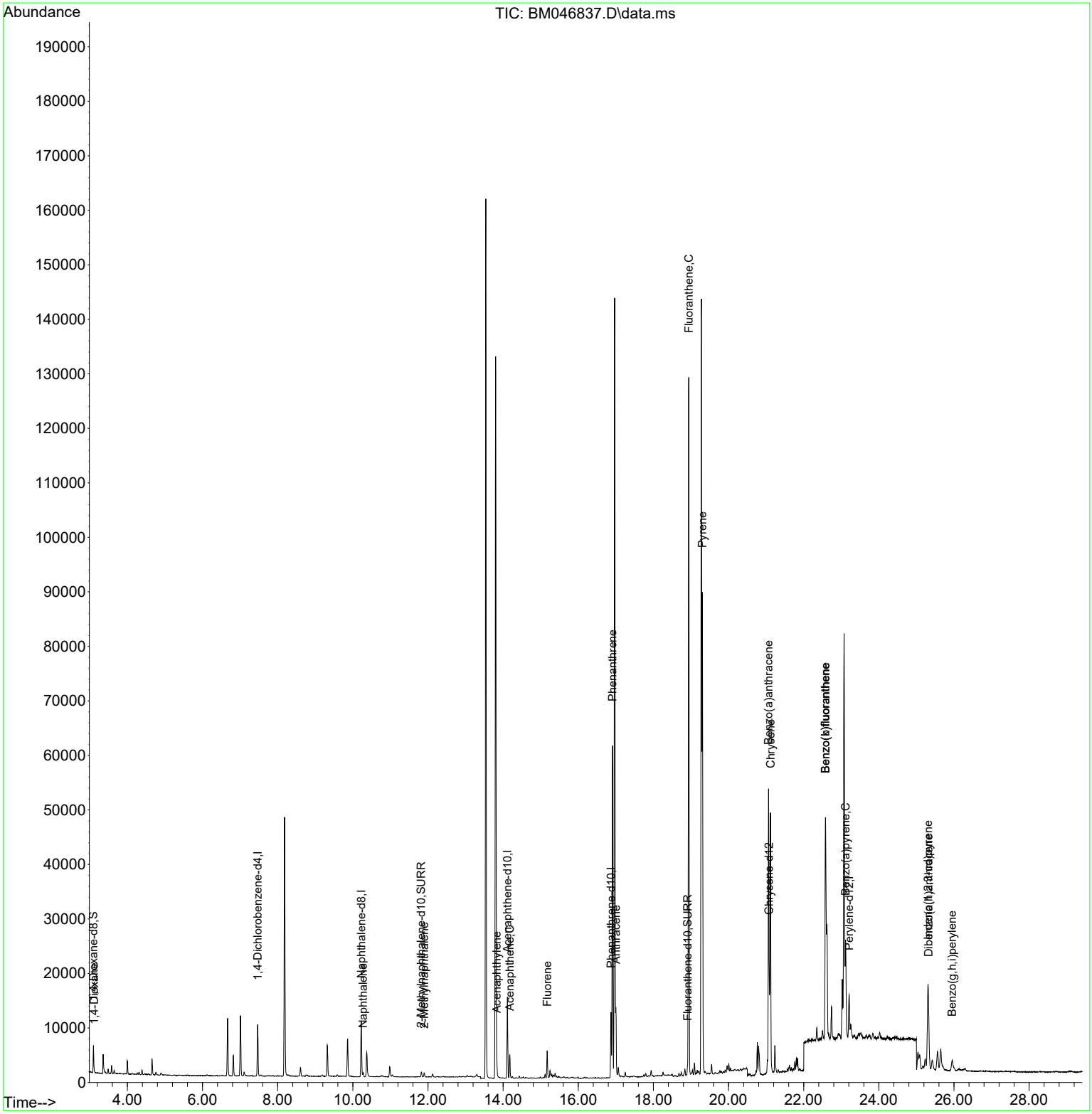
(#) = qualifier out of range (m) = manual integration (+) = signals summed

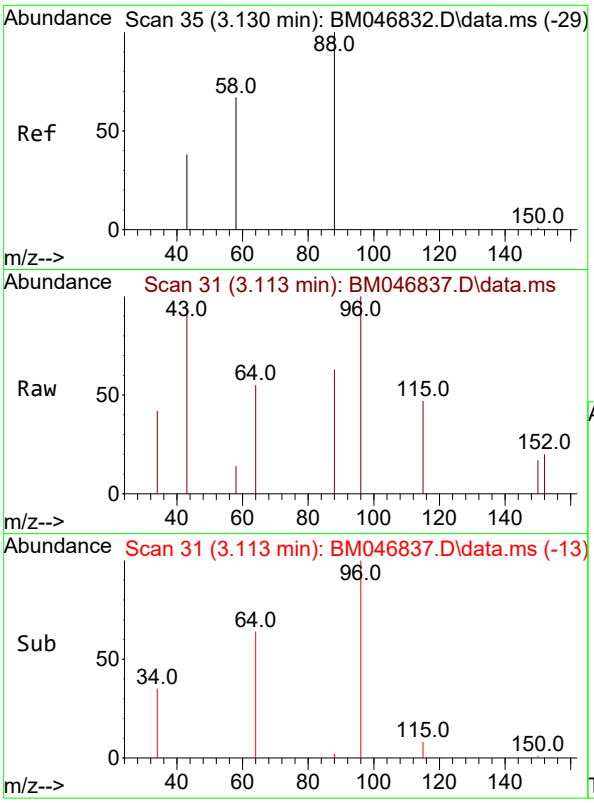
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072624\
Data File : BM046837.D
Acq On : 26 Jul 2024 19:08
Operator : MA/JU
Sample : P3263-03DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BA5DL

Quant Time: Jul 27 00:07:27 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



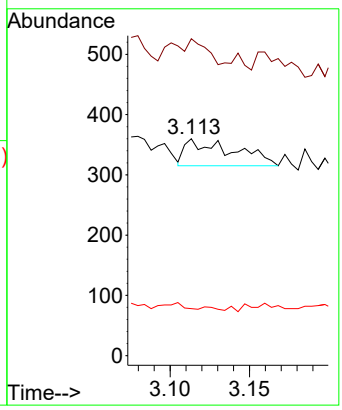


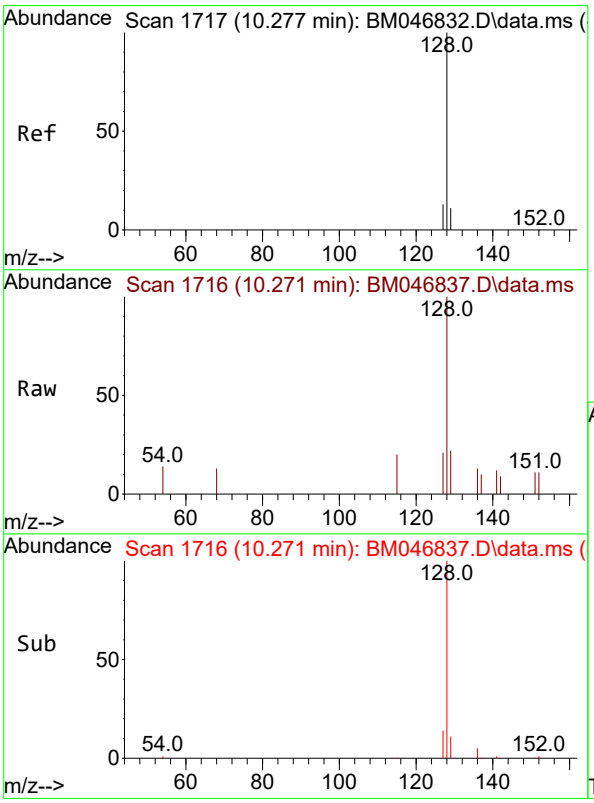
#2
1,4-Dioxane
Concen: 0.025 ng/ul
RT: 3.113 min Scan# 3
Delta R.T. -0.025 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4BA5DL

Tgt Ion: 88 Resp: 93

Ion	Ratio	Lower	Upper
88	100		
43	146.1	42.1	63.1#
58	21.7	38.3	57.5#

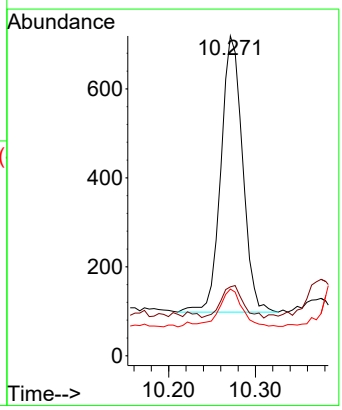


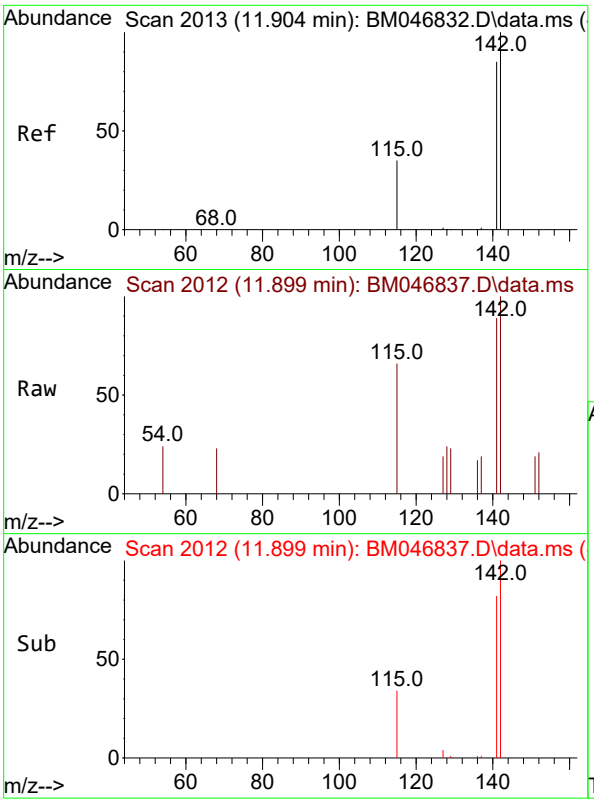


#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.271 min Scan# 1716
Delta R.T. -0.005 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Tgt Ion:128 Resp: 1078

Ion	Ratio	Lower	Upper
128	100		
129	21.6	10.1	15.1#
127	20.9	11.5	17.3#



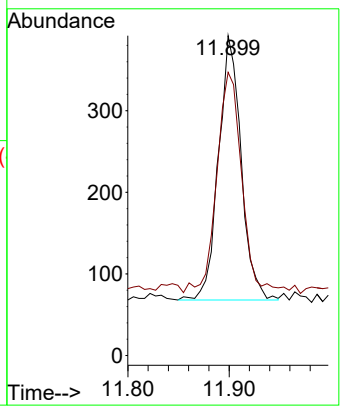


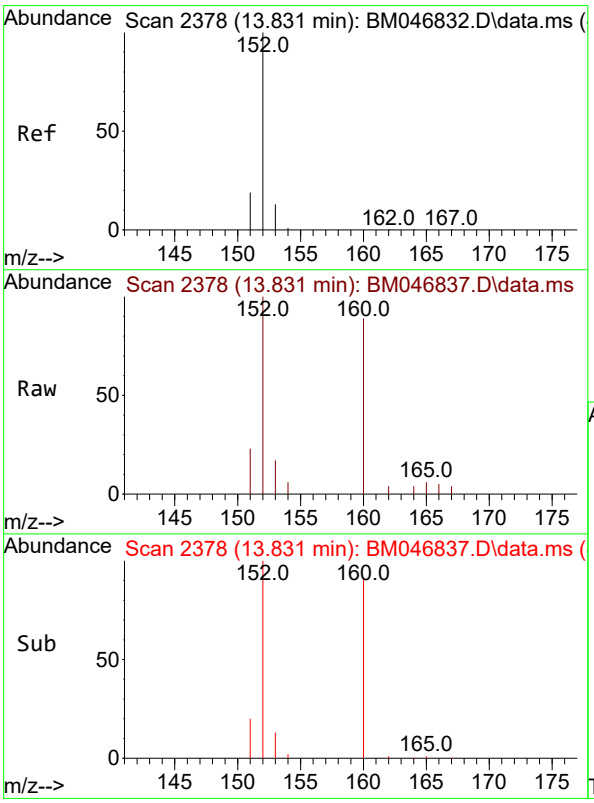
#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 11.899 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4BA5DL

Tgt Ion:142 Resp: 503

Ion	Ratio	Lower	Upper
142	100		
141	93.6	70.5	105.7

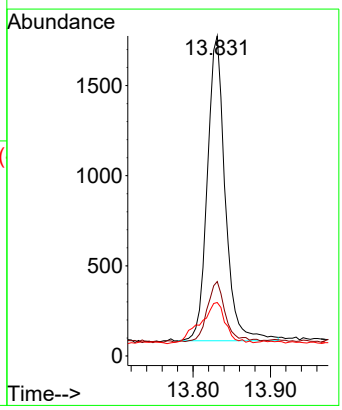


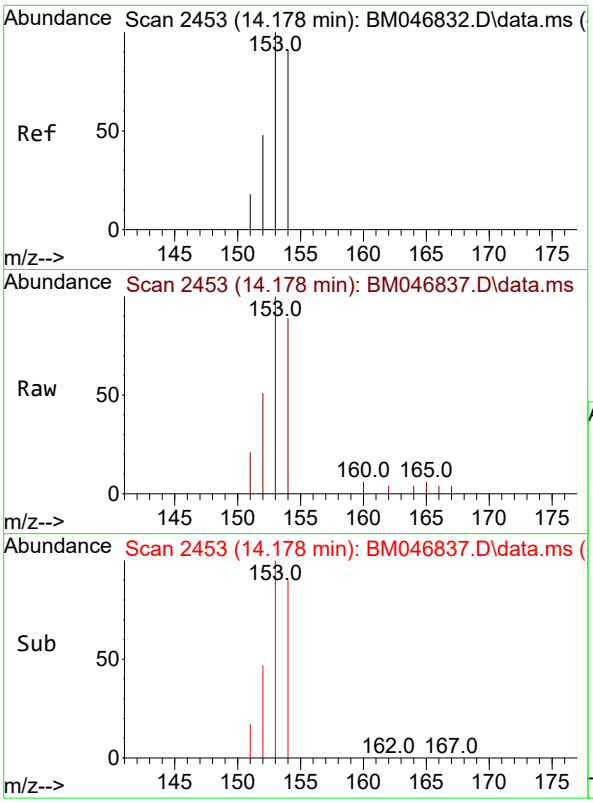


#10
Acenaphthylene
Concen: 0.075 ng/ul
RT: 13.831 min Scan# 2378
Delta R.T. 0.000 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Tgt Ion:152 Resp: 2707

Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.8	25.2
153	16.7	11.0	16.6#



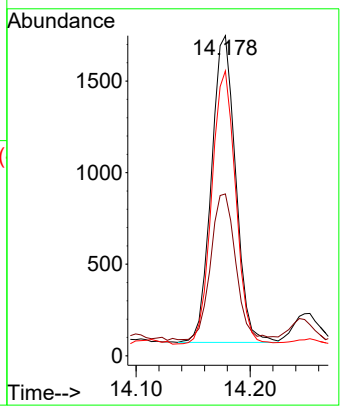


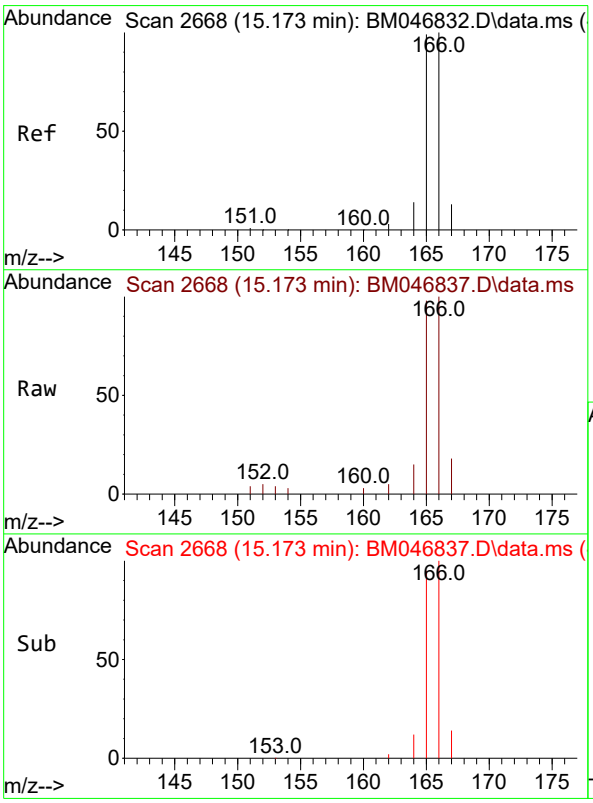
#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.178 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4BA5DL

Tgt Ion:153 Resp: 2476

Ion	Ratio	Lower	Upper
153	100		
152	50.6	38.6	57.8
154	89.0	70.8	106.2

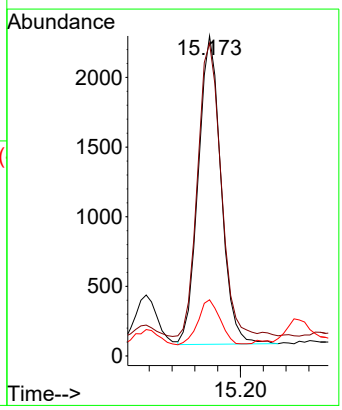


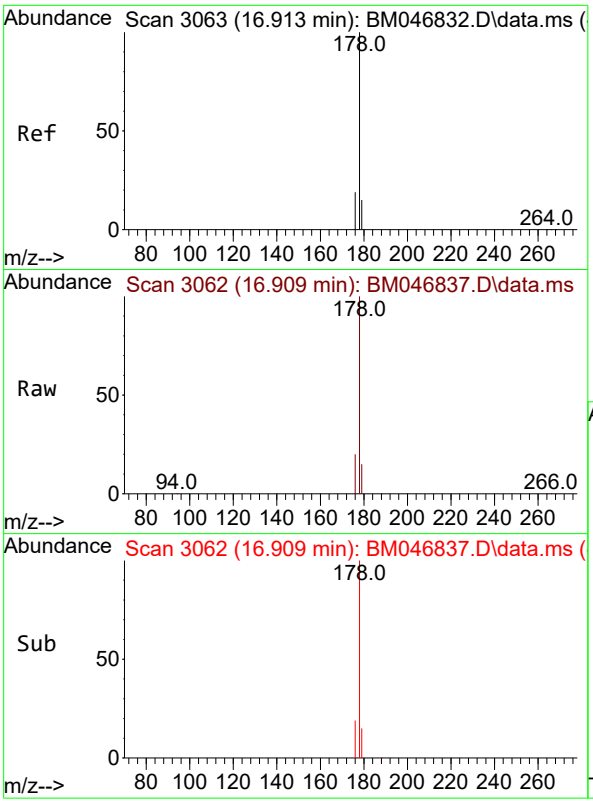


#12
Fluorene
Concen: 0.101 ng/ul
RT: 15.173 min Scan# 2668
Delta R.T. -0.005 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Tgt Ion:166 Resp: 3062

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.8	119.6
167	17.5	12.3	18.5



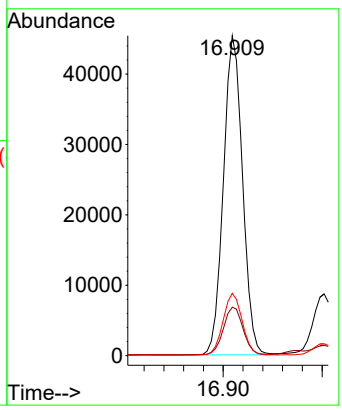


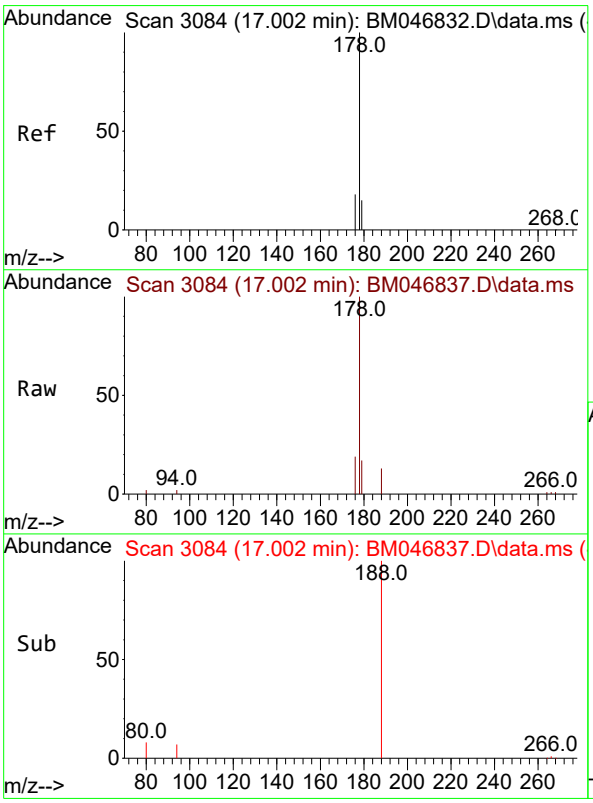
#15
Phenanthrene
Concen: 1.452 ng/ul
RT: 16.909 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4BA5DL

Tgt Ion:178 Resp: 60689

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.4	20.2
176	19.5	16.1	24.1

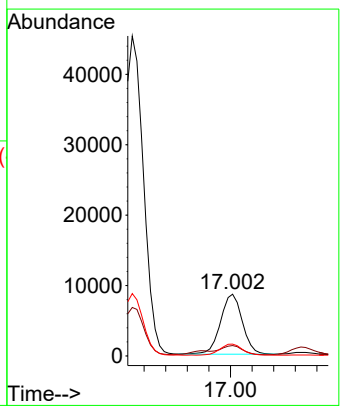


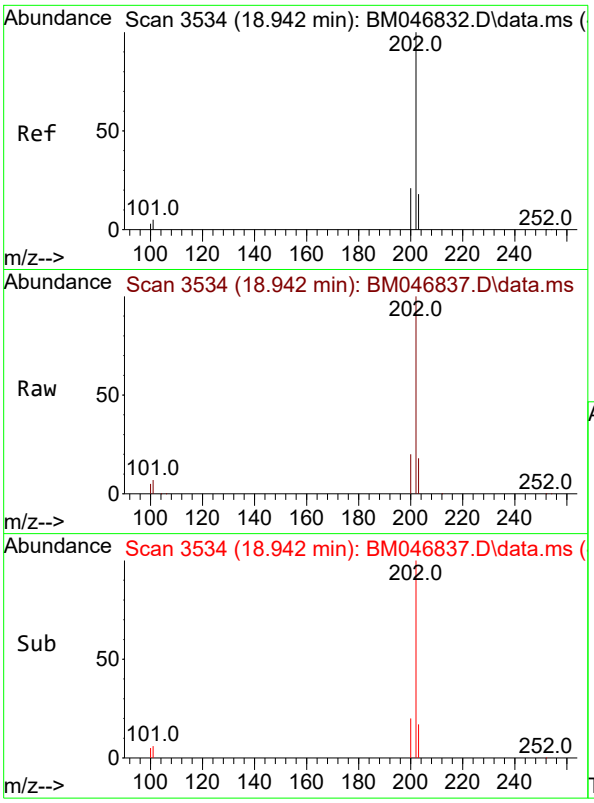


#16
Anthracene
Concen: 0.307 ng/ul
RT: 17.002 min Scan# 3084
Delta R.T. -0.004 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Tgt Ion:178 Resp: 11945

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.1	19.7
176	19.3	15.0	22.6



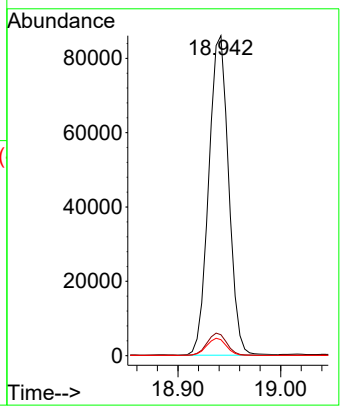


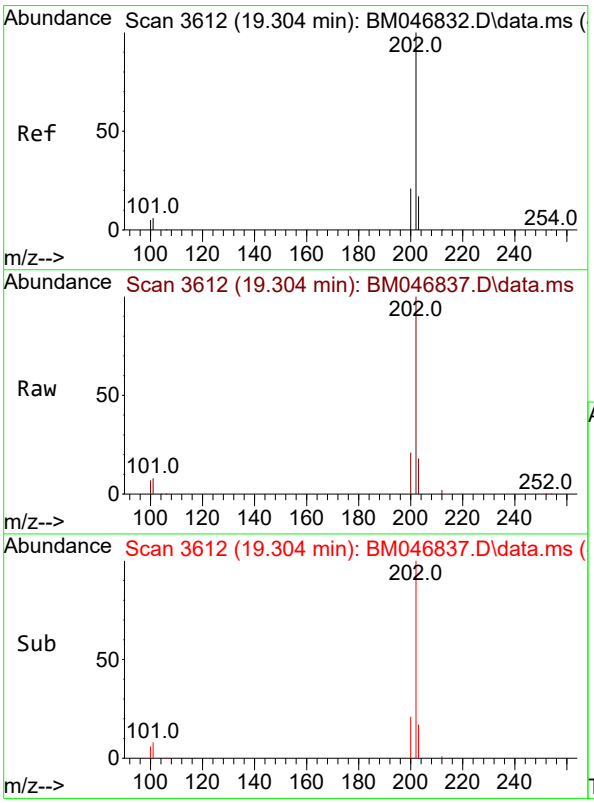
#19
Fluoranthene
Concen: 3.125 ng/ul
RT: 18.942 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4BA5DL

Tgt Ion:202 Resp: 115501

Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.7	7.1
100	5.0	3.4	5.2

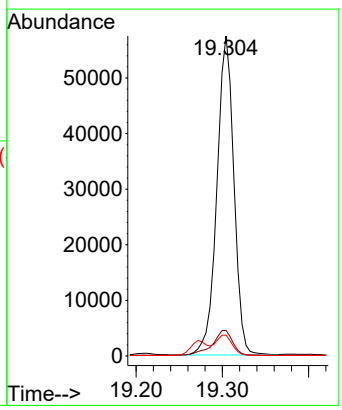


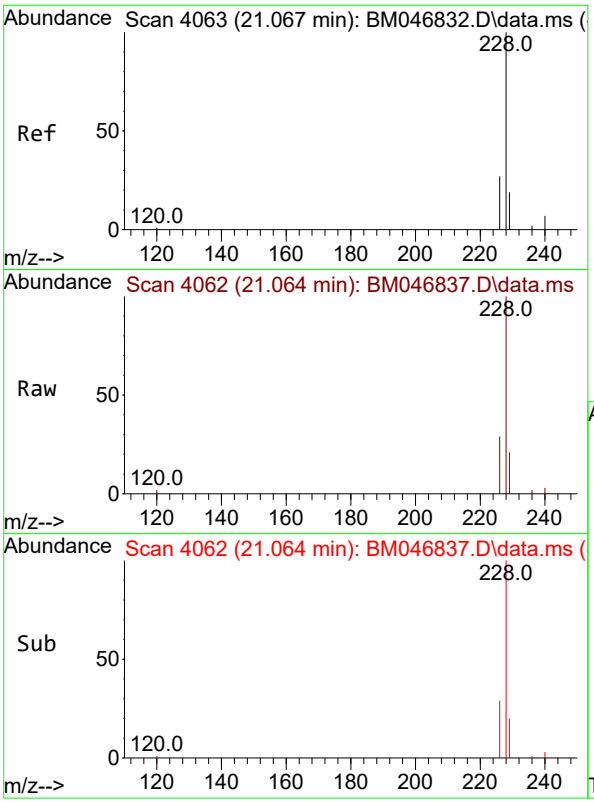


#20
Pyrene
Concen: 2.067 ng/ul
RT: 19.304 min Scan# 3612
Delta R.T. 0.000 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Tgt Ion:202 Resp: 79039

Ion	Ratio	Lower	Upper
202	100		
101	8.0	5.2	7.8#
100	6.5	4.3	6.5#



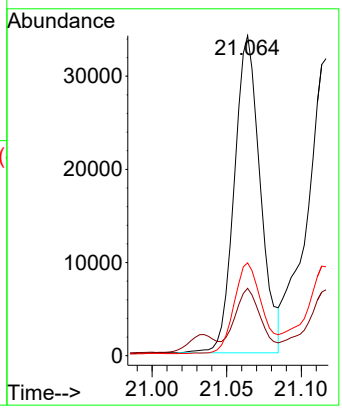


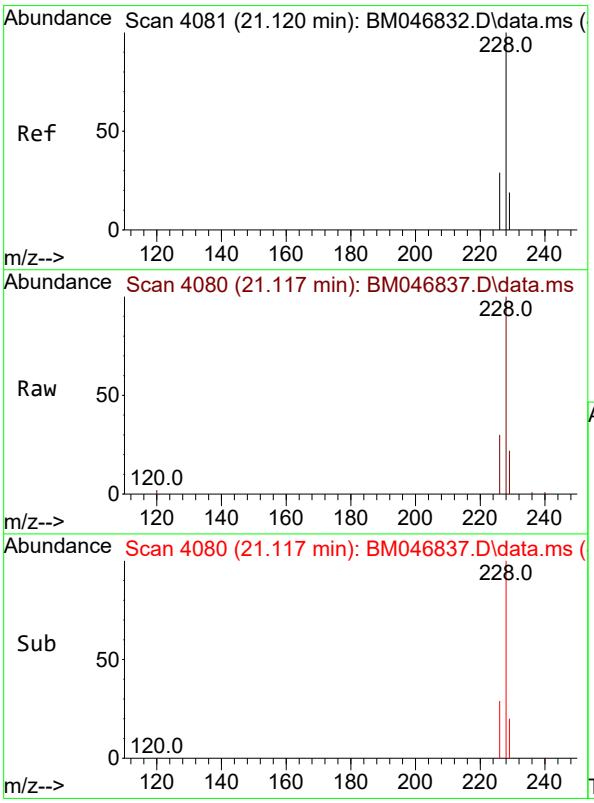
#21
Benzo(a)anthracene
Concen: 1.176 ng/ul
RT: 21.064 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4BA5DL

Tgt Ion:228 Resp: 41248

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.3	24.5
226	29.0	22.3	33.5

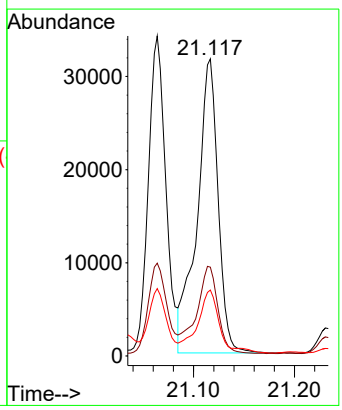


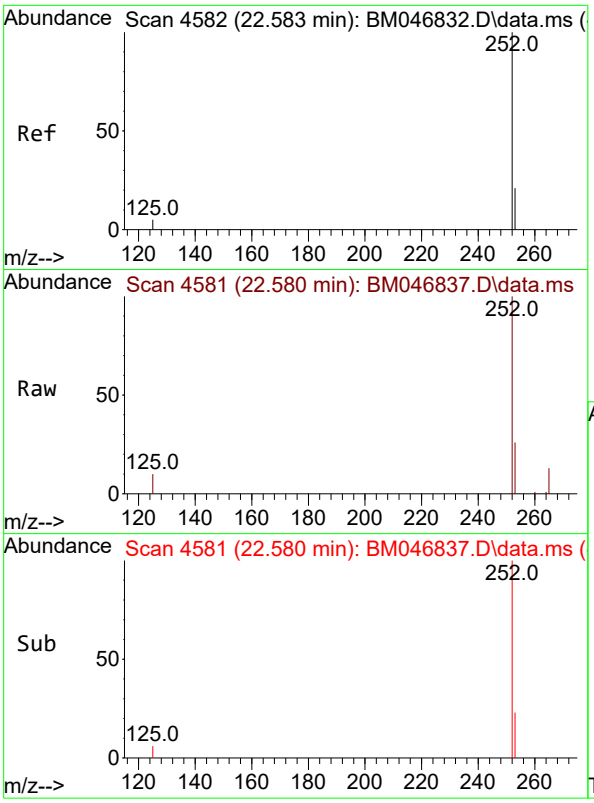


#22
Chrysene
Concen: 1.283 ng/ul
RT: 21.117 min Scan# 4080
Delta R.T. 0.000 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Tgt Ion:228 Resp: 45700

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	22.2	16.2	24.2



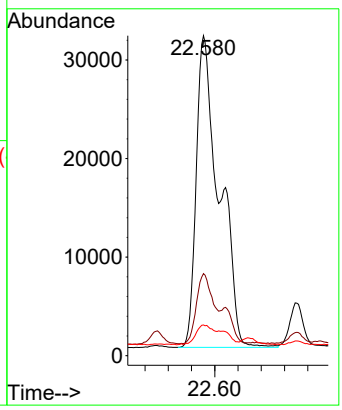


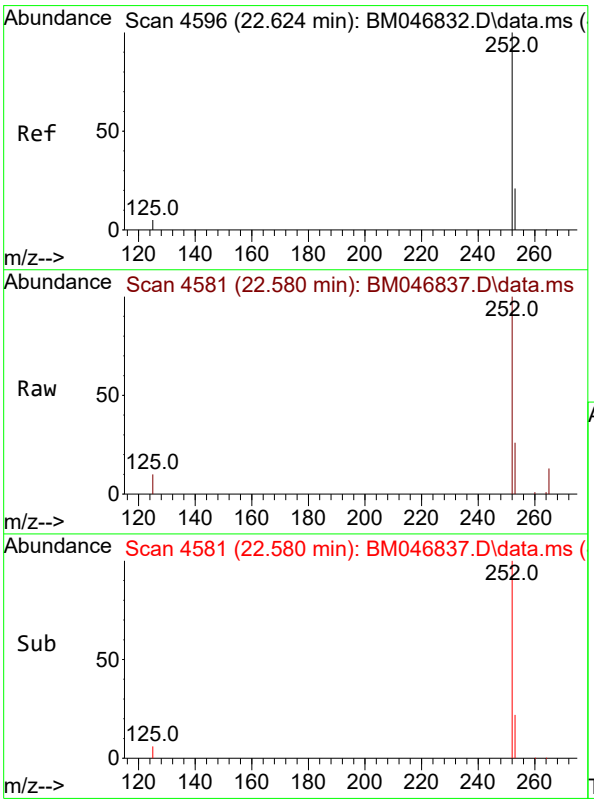
#24
Benzo(b)fluoranthene
Concen: 2.013 ng/ul
RT: 22.580 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4BA5DL

Tgt Ion:252 Resp: 87180

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	56.4
125	9.6	0.0	15.8

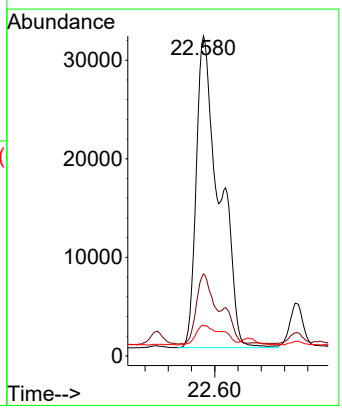


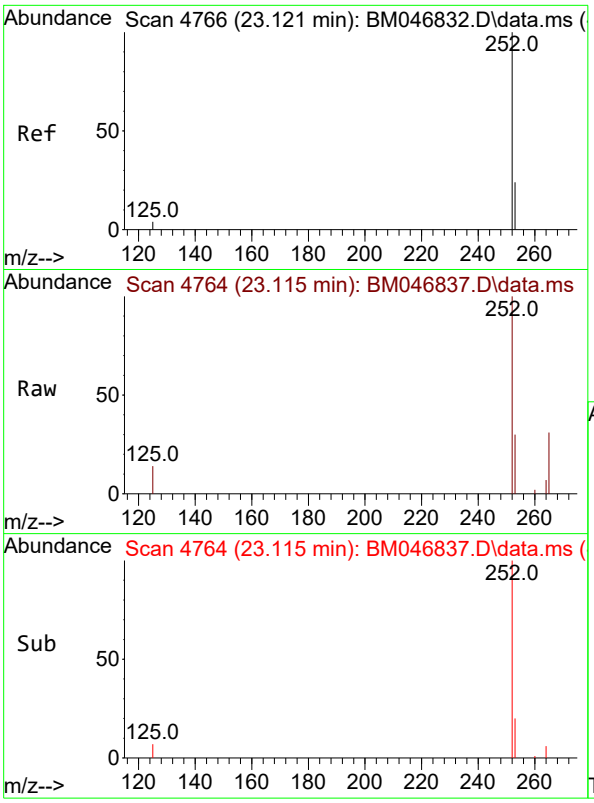


#25
Benzo(k)fluoranthene
Concen: 1.997 ng/ul
RT: 22.580 min Scan# 4581
Delta R.T. -0.041 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Tgt Ion:252 Resp: 87180

Ion	Ratio	Lower	Upper
252	100		
253	25.6	23.5	35.3
125	9.6	8.6	13.0



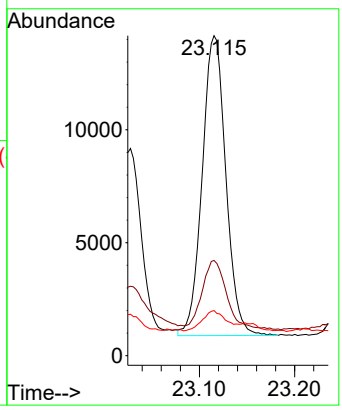


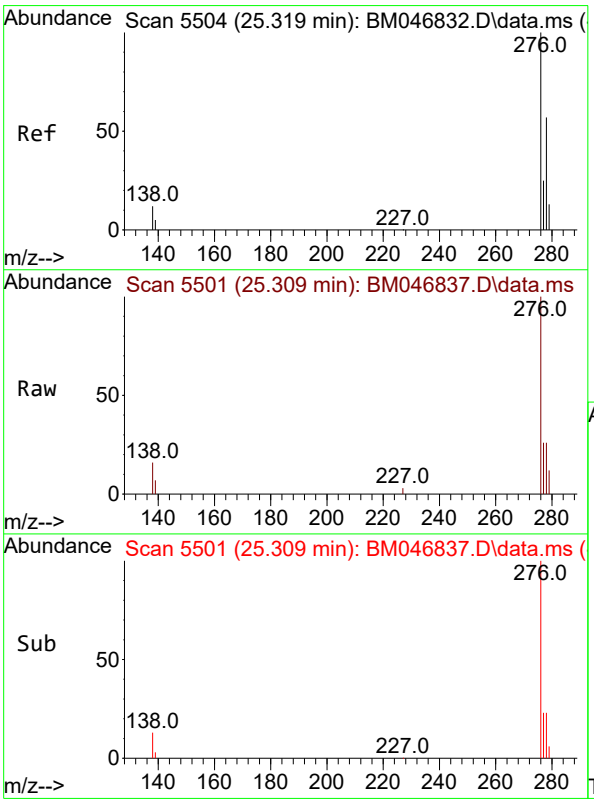
#26
Benzo(a)pyrene
Concen: 0.737 ng/ul
RT: 23.115 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4BA5DL

Tgt Ion:252 Resp: 22927

Ion	Ratio	Lower	Upper
252	100		
253	29.7	26.0	39.0
125	14.1	7.8	11.8#

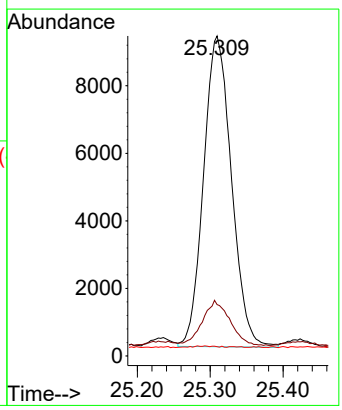


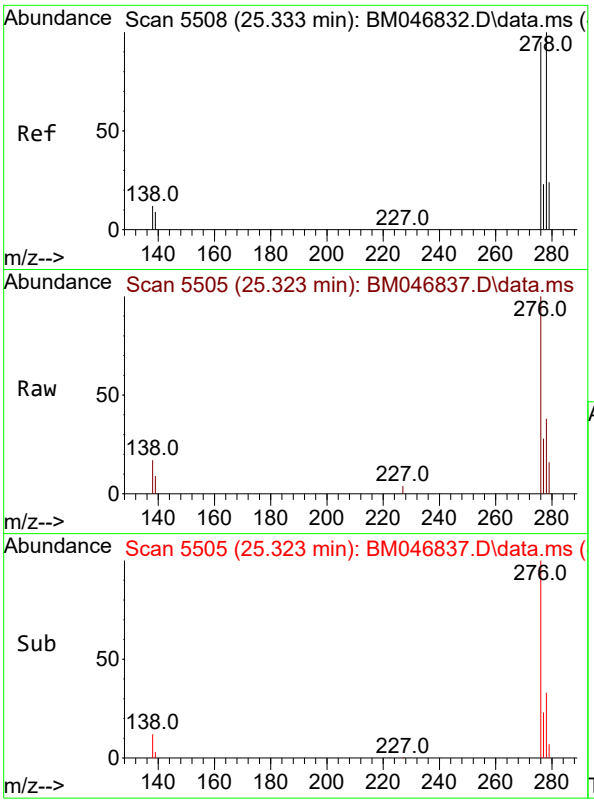


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.511 ng/ul
RT: 25.309 min Scan# 5501
Delta R.T. -0.007 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Tgt Ion:276 Resp: 24443

Ion	Ratio	Lower	Upper
276	100		
138	14.3	9.7	14.5
227	0.0	0.2	0.2#



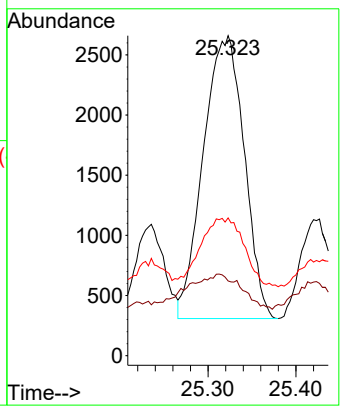


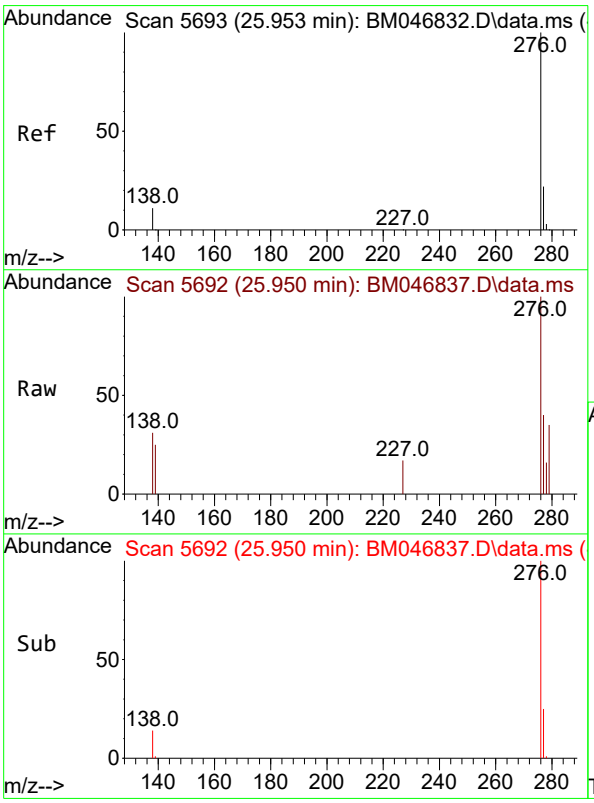
#28
Dibenzo(a,h)anthracene
Concen: 0.217 ng/ul
RT: 25.323 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Instrument :
BNA_M
ClientSampleId :
A4BA5DL

Tgt Ion:278 Resp: 7590

Ion	Ratio	Lower	Upper
278	100		
139	23.3	9.8	14.8#
279	43.0	25.2	37.8#





#29
Benzo(g,h,i)perylene
Concen: 0.098 ng/ul
RT: 25.950 min Scan# 5692
Delta R.T. -0.003 min
Lab File: BM046837.D
Acq: 26 Jul 2024 19:08

Tgt Ion:276 Resp: 4134

Ion	Ratio	Lower	Upper
276	100		
138	31.1	9.5	14.3#
277	39.8	20.9	31.3#