Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061224\
Data File : BM045996.D
Acq On : 12 Jun 2024 13:41
Operator : MA/JU
Sample : P2642-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C18MS

Quant Time: Jun 13 00:07:44 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 : Thu Jun 13 00:05:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.451	152	2908	0.400	ng/ul	0.00
4) Naphthalene-d8	10.222	136	10368	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.095	164	6611	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.833	188	14672	0.400	ng/ul	-0.01
17) Chrysene-d12	21.026	240	12310	0.400	ng/ul	-0.01
23) Perylene-d12	23.127	264	14208	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.050	96	1771	0.535	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.822	152	4495	0.301	ng/ul	-0.01
18) Fluoranthene-d10	18.863	212	12651	0.343	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.075	88	4390	1.158	ng/ul#	75
5) Naphthalene	10.271	128	14467	0.534	ng/ul	99
7) 2-Methylnaphthalene	11.899	142	7658	0.443	ng/ul	100
8) 1-Methylnaphthalene	12.119	142	7395	0.394	ng/ul	100
10) Acenaphthylene	13.813	152	16185	0.538	ng/ul	100
11) Acenaphthene	14.155	153	16292	0.737	ng/ul	99
12) Fluorene	15.150	166	19265	0.780	ng/ul	99
14) Pentachlorophenol	16.516	266	1537	0.560	ng/ul	96
15) Phenanthrene	16.875	178	250018	6.069	ng/ul	99
16) Anthracene	16.968	178	46935	1.336	ng/ul	99
19) Fluoranthene	18.891	202	452497	9.218	ng/ul	98
20) Pyrene	19.258	202	363119	7.091	ng/ul	95
21) Benzo(a)anthracene	21.011	228	202825	4.489	ng/ul	99
22) Chrysene	21.061	228	206262	4.193	ng/ul	99
24) Benzo(b)fluoranthene	22.507	252	349549	7.417	ng/ul	84
25) Benzo(k)fluoranthene	22.665	252	24593	0.475	ng/ul	98
26) Benzo(a)pyrene	23.036	252	117814	2.514	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.178	276	93928	1.550	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.189	278	35163	0.726	ng/ul	96
29) Benzo(g,h,i)perylene	25.806	276	15402	0.295	ng/ul	97

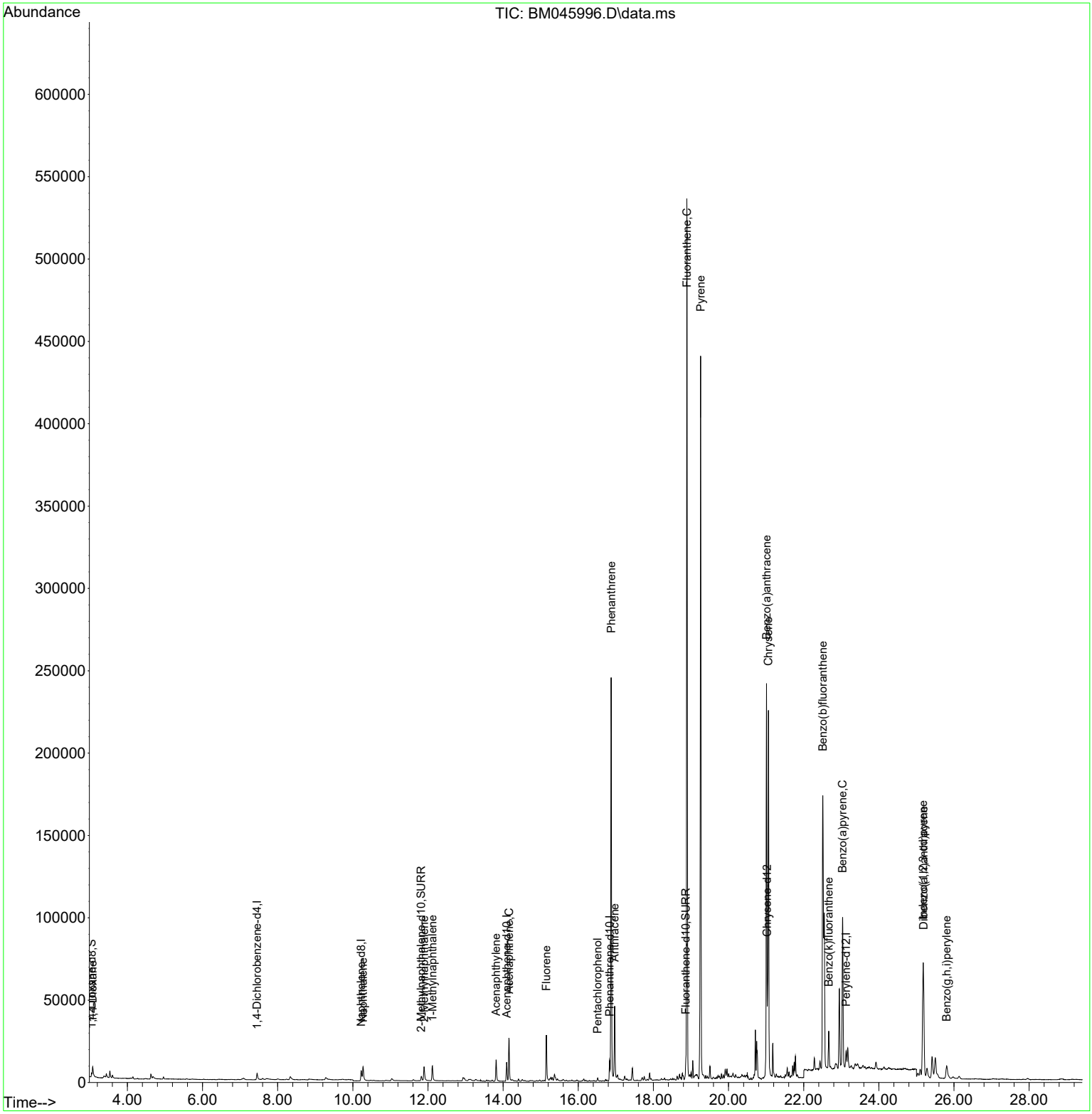
(#) = qualifier out of range (m) = manual integration (+) = signals summed

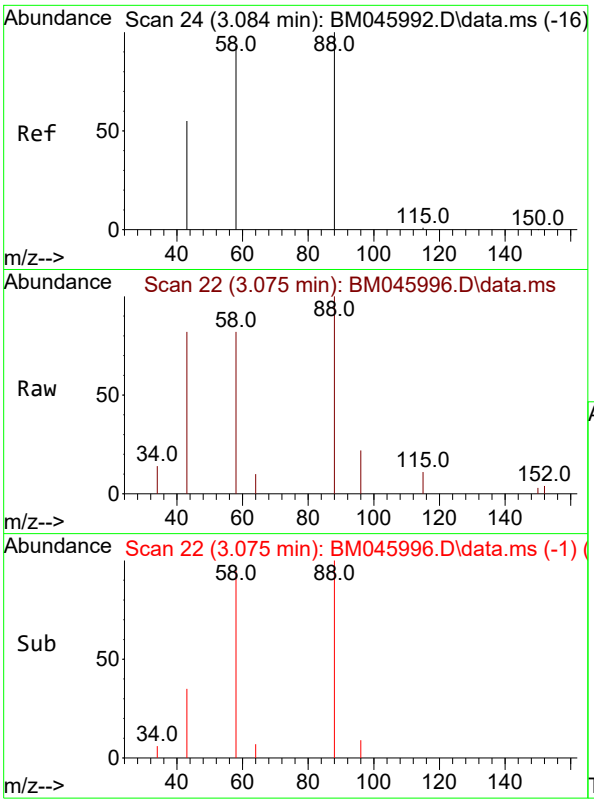
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061224\
Data File : BM045996.D
Acq On : 12 Jun 2024 13:41
Operator : MA/JU
Sample : P2642-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C18MS

Quant Time: Jun 13 00:07:44 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 : Thu Jun 13 00:05:38 2024
Response via : Initial Calibration



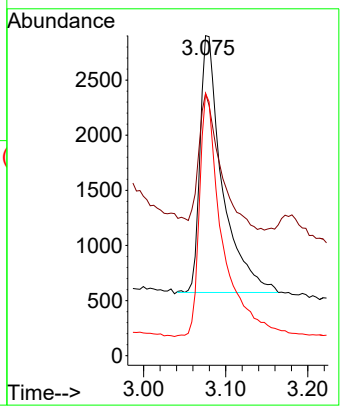


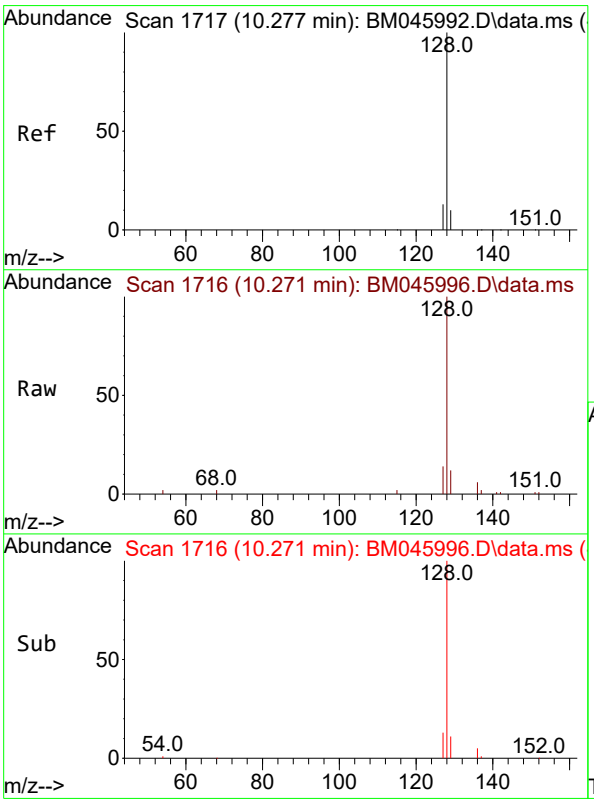
#2
1,4-Dioxane
Concen: 1.158 ng/ul
RT: 3.075 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Instrument :
BNA_M
ClientSampleId :
A4C18MS

Tgt Ion: 88 Resp: 4390

Ion	Ratio	Lower	Upper
88	100		
43	81.9	87.4	131.2#
58	81.9	51.1	76.7#

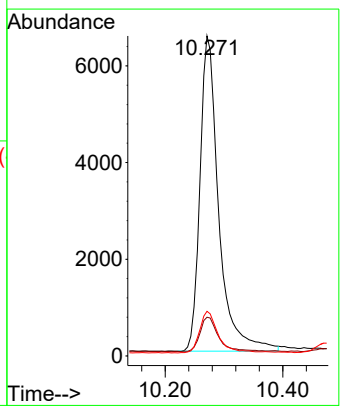


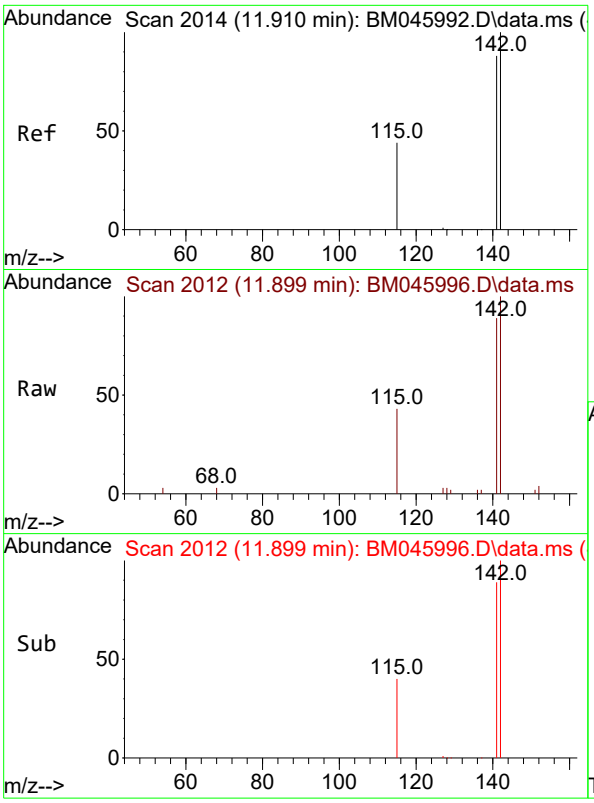


#5
Naphthalene
Concen: 0.534 ng/ul
RT: 10.271 min Scan# 1716
Delta R.T. -0.005 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Tgt Ion:128 Resp: 14467

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.0
127	13.9	10.6	15.8



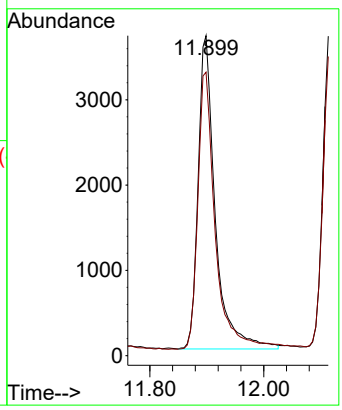


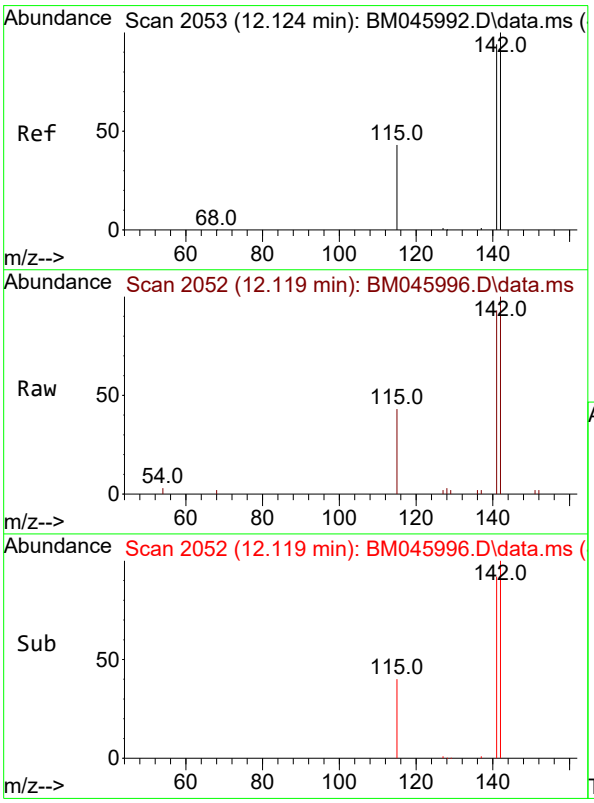
#7
2-Methylnaphthalene
Concen: 0.443 ng/ul
RT: 11.899 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Instrument :
BNA_M
ClientSampleId :
A4C18MS

Tgt Ion:142 Resp: 7658

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.2	108.4

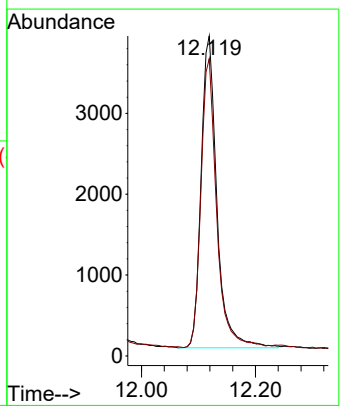


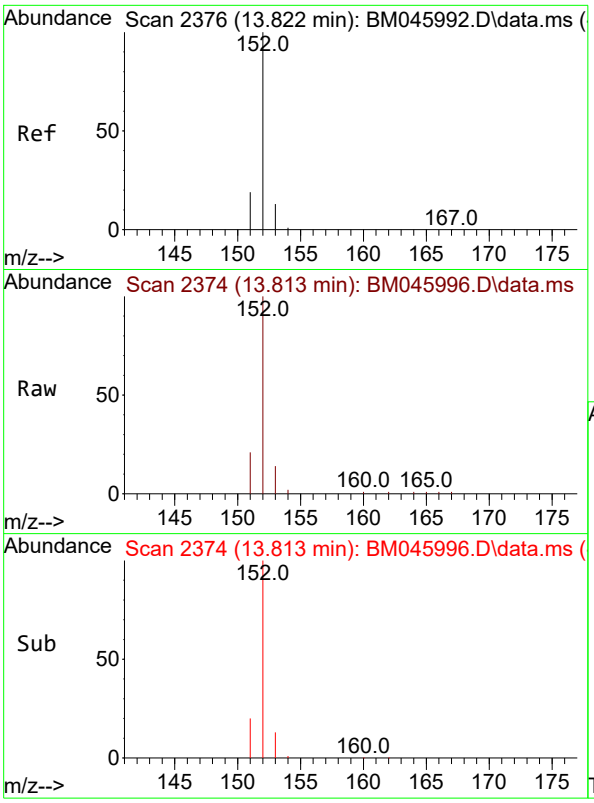


#8
1-Methylnaphthalene
Concen: 0.394 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.005 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Tgt Ion:142 Resp: 7395

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.5	110.3



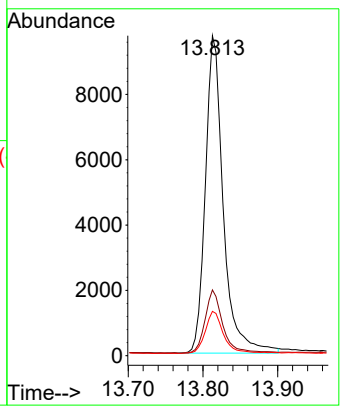


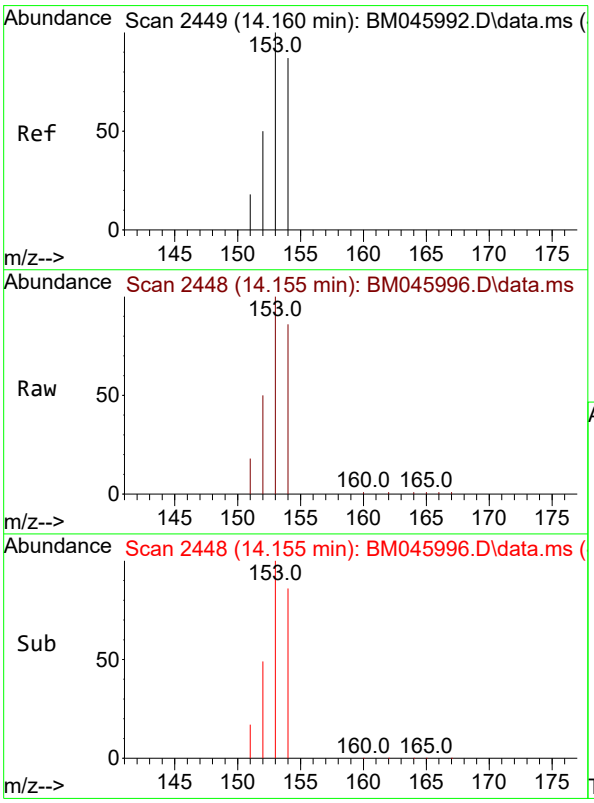
#10
Acenaphthylene
Concen: 0.538 ng/ul
RT: 13.813 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Instrument :
BNA_M
ClientSampleId :
A4C18MS

Tgt Ion:152 Resp: 16185

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6
153	13.8	11.1	16.7

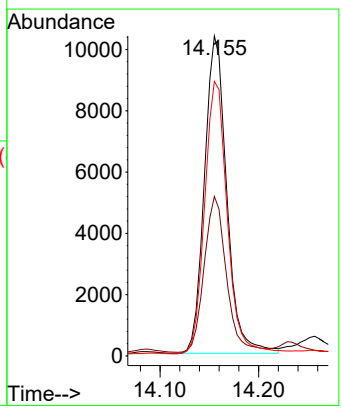


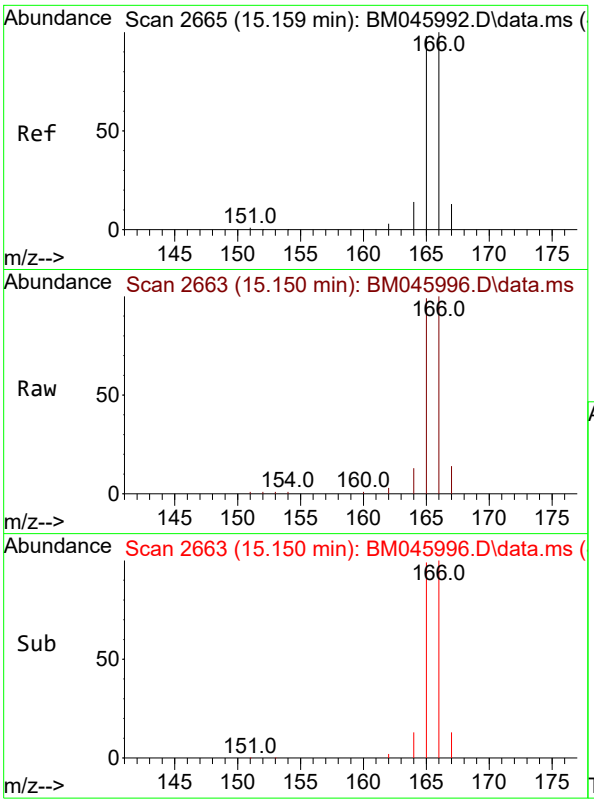


#11
Acenaphthene
Concen: 0.737 ng/ul
RT: 14.155 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Tgt Ion:153 Resp: 16292

Ion	Ratio	Lower	Upper
153	100		
152	49.8	39.0	58.4
154	85.8	69.4	104.2



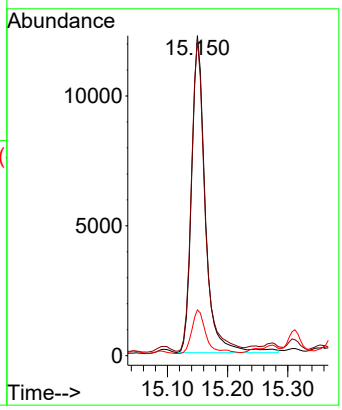


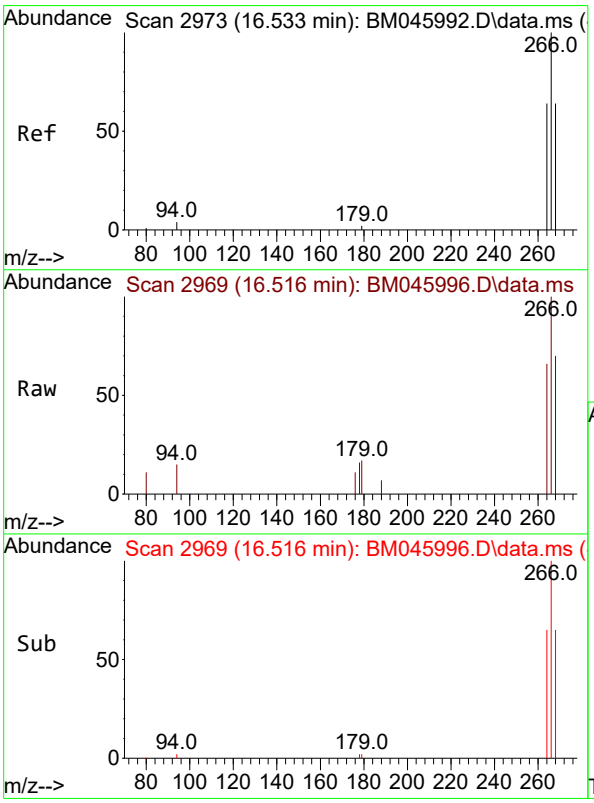
#12
Fluorene
Concen: 0.780 ng/ul
RT: 15.150 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Instrument :
BNA_M
ClientSampleId :
A4C18MS

Tgt Ion:166 Resp: 19265

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.7	119.5
167	14.3	11.3	16.9

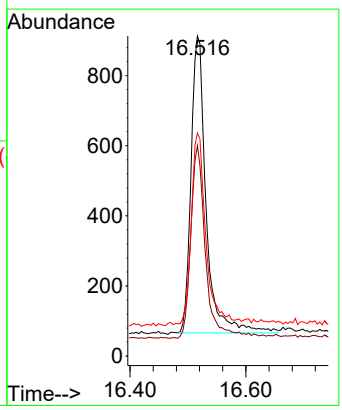


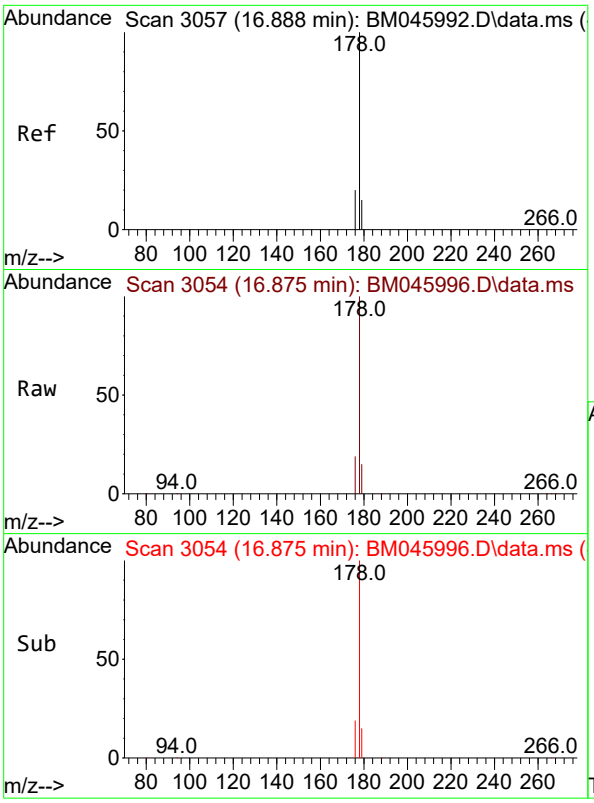


#14
Pentachlorophenol
Concen: 0.560 ng/ul
RT: 16.516 min Scan# 2969
Delta R.T. -0.017 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Tgt Ion:266 Resp: 1537

Ion	Ratio	Lower	Upper
266	100		
264	63.6	47.9	71.9
268	61.0	50.9	76.3



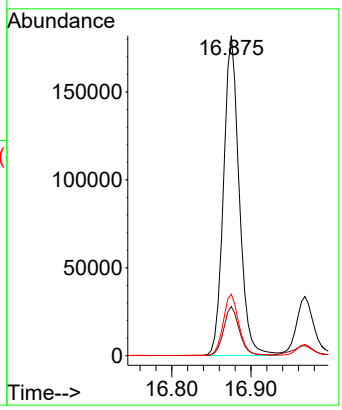


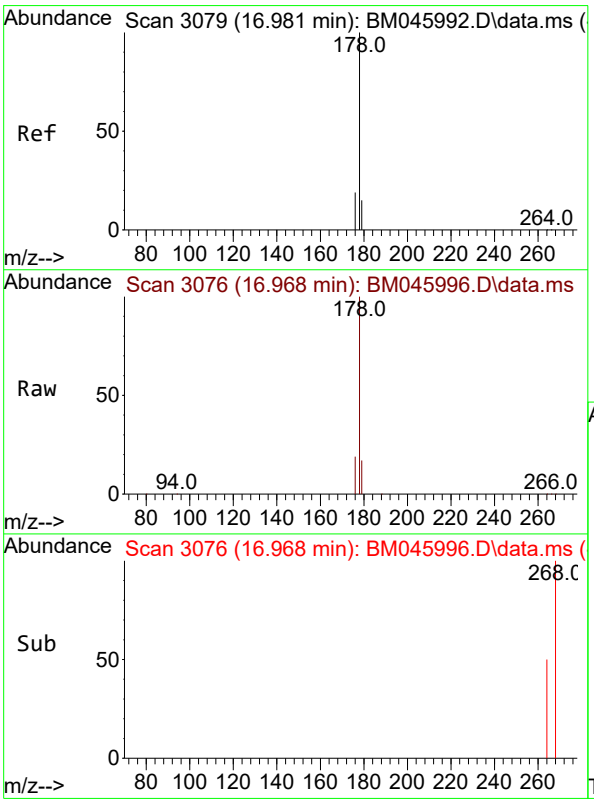
#15
Phenanthrene
Concen: 6.069 ng/ul
RT: 16.875 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Instrument :
BNA_M
ClientSampleId :
A4C18MS

Tgt Ion:178 Resp: 250018

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.7	19.1
176	19.2	15.6	23.4

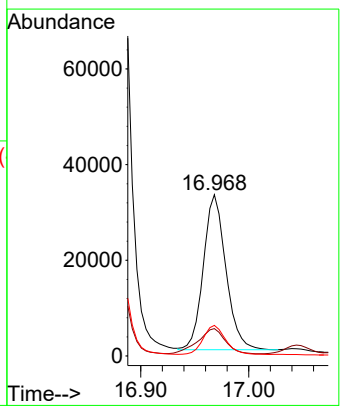


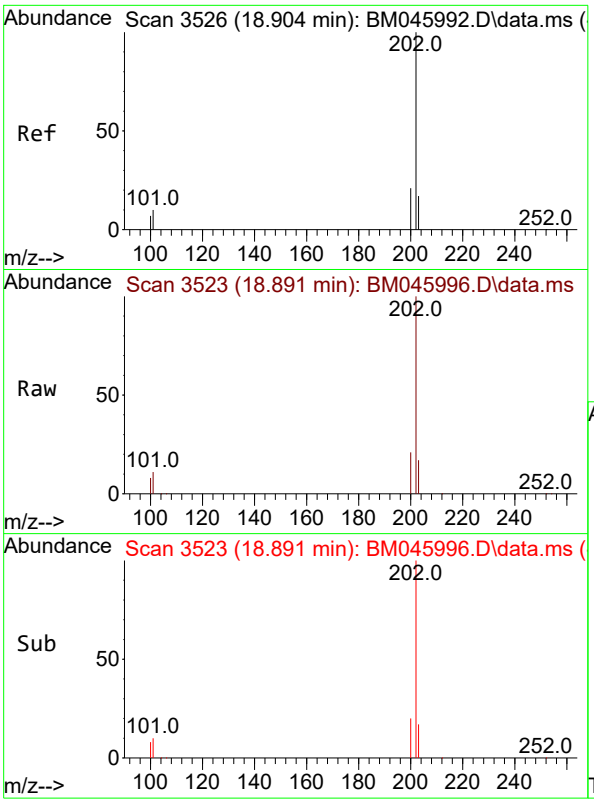


#16
Anthracene
Concen: 1.336 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.013 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Tgt Ion:178 Resp: 46935

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.1	19.7
176	18.9	15.5	23.3



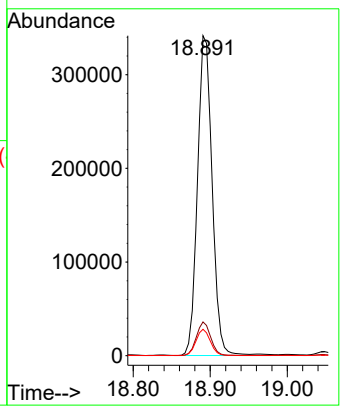


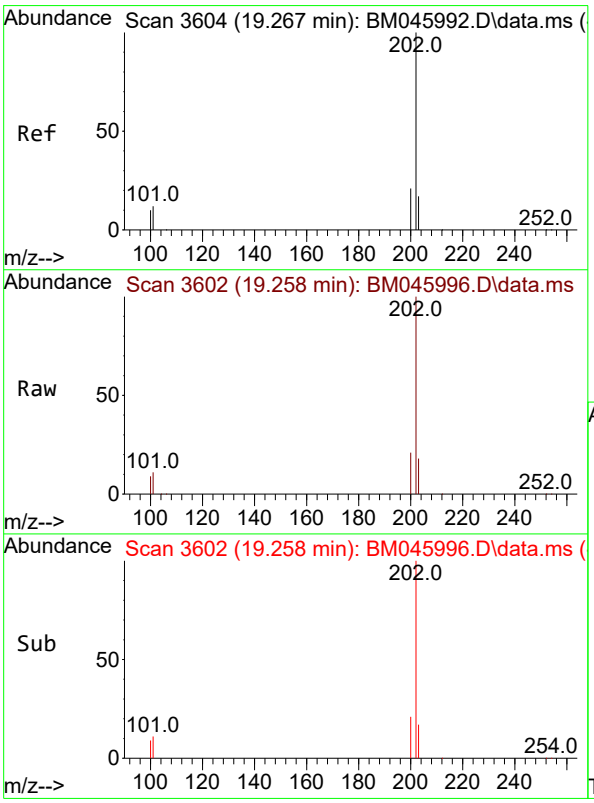
#19
Fluoranthene
Concen: 9.218 ng/ul
RT: 18.891 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Instrument :
BNA_M
ClientSampleId :
A4C18MS

Tgt Ion:202 Resp: 452497

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.0	13.6
100	8.3	7.0	10.6

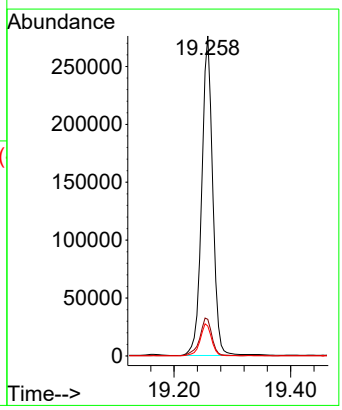


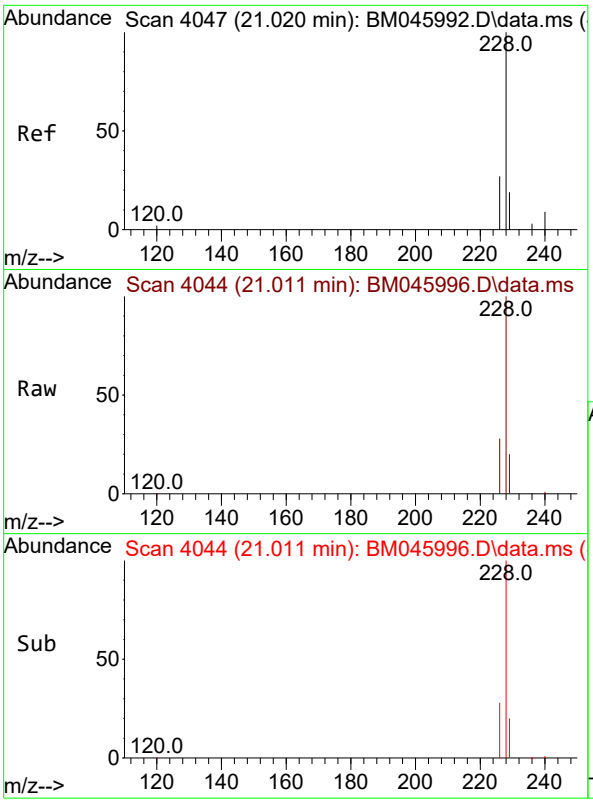


#20
Pyrene
Concen: 7.091 ng/ul
RT: 19.258 min Scan# 3602
Delta R.T. -0.009 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Tgt Ion:202 Resp: 363119

Ion	Ratio	Lower	Upper
202	100		
101	11.4	10.6	16.0
100	9.3	9.1	13.7



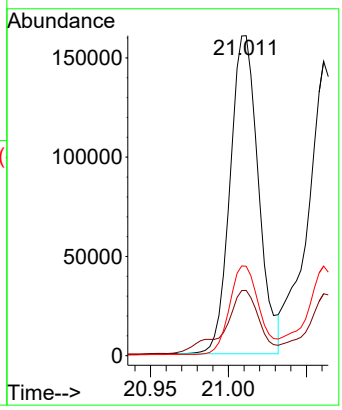


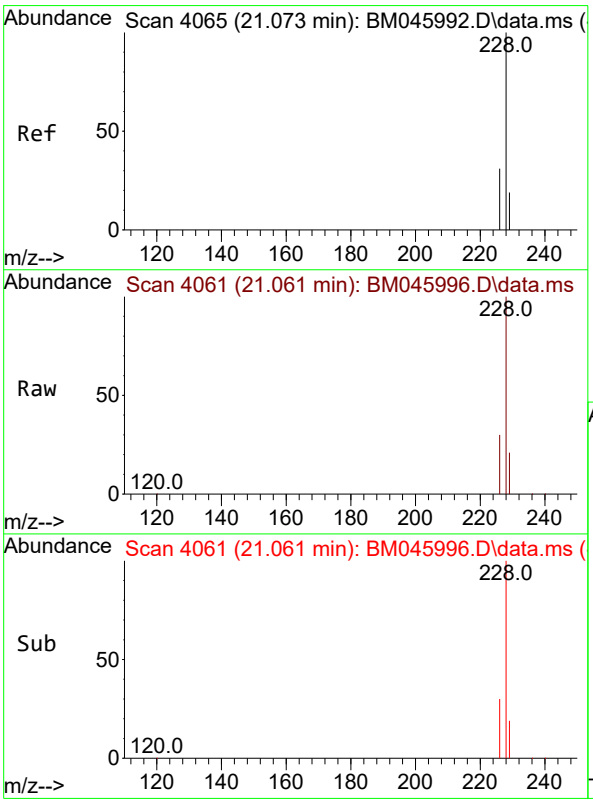
#21
Benzo(a)anthracene
Concen: 4.489 ng/ul
RT: 21.011 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Instrument :
BNA_M
ClientSampleId :
A4C18MS

Tgt Ion:228 Resp: 202825

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.7	23.5
226	27.9	22.0	33.0

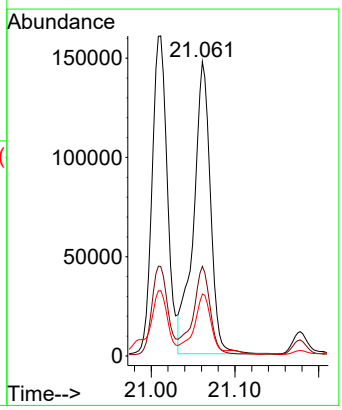


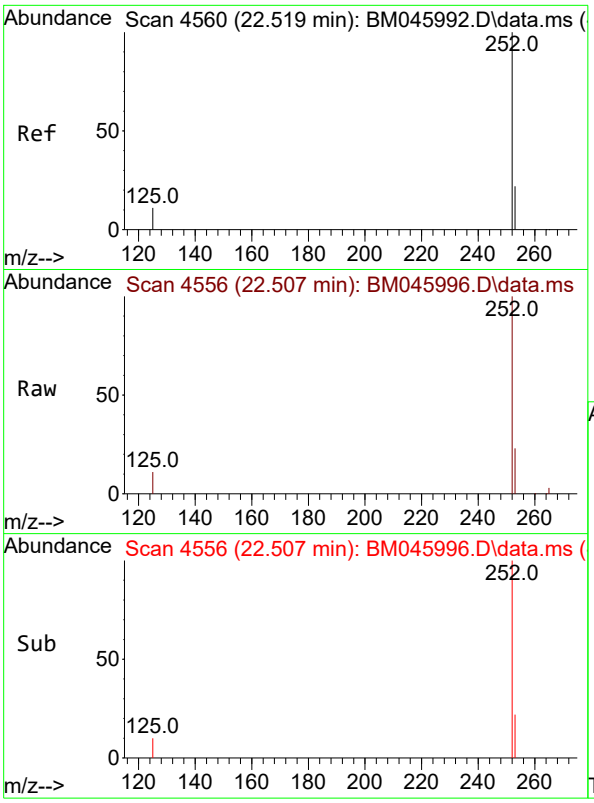


#22
Chrysene
Concen: 4.193 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.012 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Tgt Ion:228 Resp: 206262

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	21.0	16.2	24.2



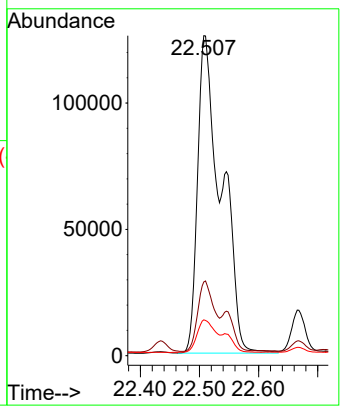


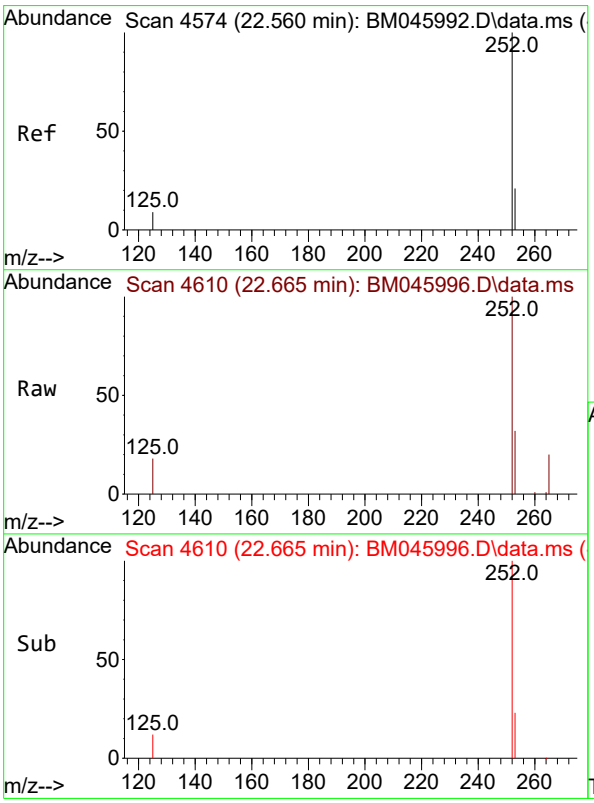
#24
Benzo(b)fluoranthene
Concen: 7.417 ng/ul
RT: 22.507 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Instrument :
BNA_M
ClientSampleId :
A4C18MS

Tgt Ion:252 Resp: 349549

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	63.6
125	11.2	0.0	35.8

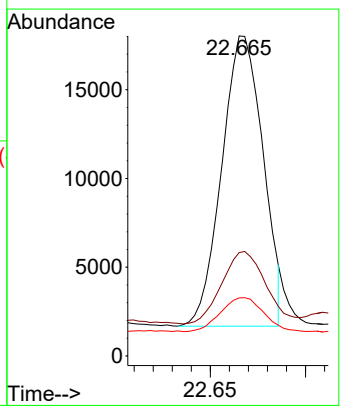


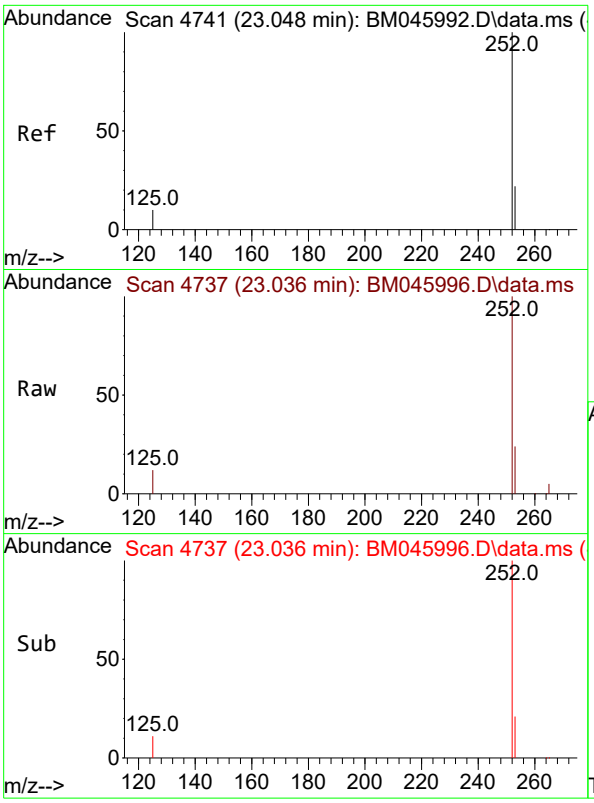


#25
Benzo(k)fluoranthene
Concen: 0.475 ng/ul
RT: 22.665 min Scan# 4610
Delta R.T. 0.105 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Tgt Ion:252 Resp: 24593

Ion	Ratio	Lower	Upper
252	100		
253	32.3	25.0	37.6
125	18.1	14.2	21.2



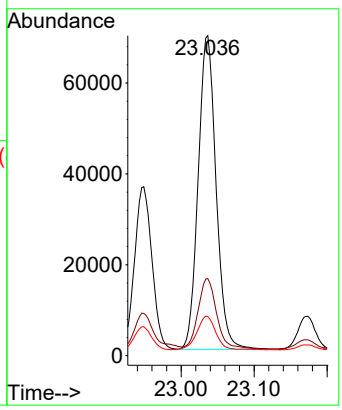


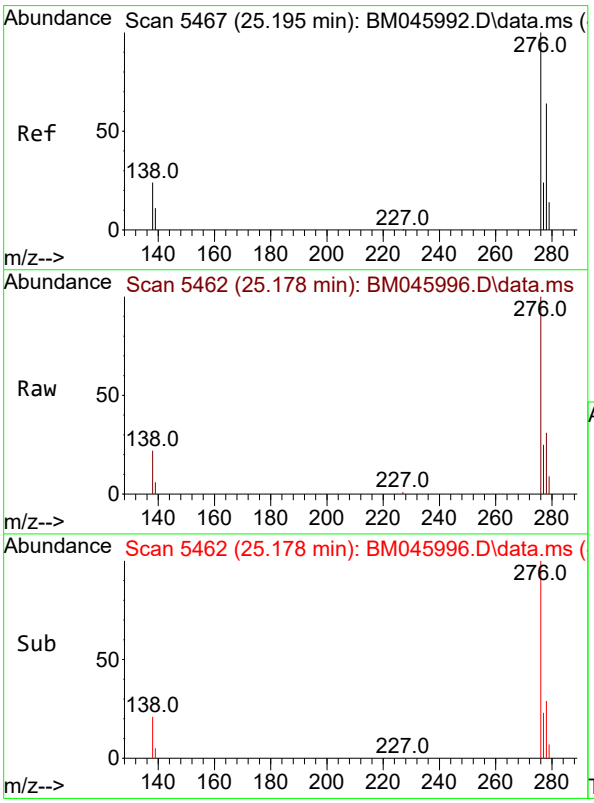
#26
Benzo(a)pyrene
Concen: 2.514 ng/ul
RT: 23.036 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Instrument :
BNA_M
ClientSampleId :
A4C18MS

Tgt Ion:252 Resp: 117814

Ion	Ratio	Lower	Upper
252	100		
253	24.1	28.8	43.2#
125	12.2	17.3	25.9#

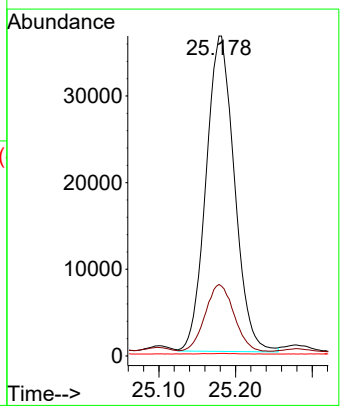


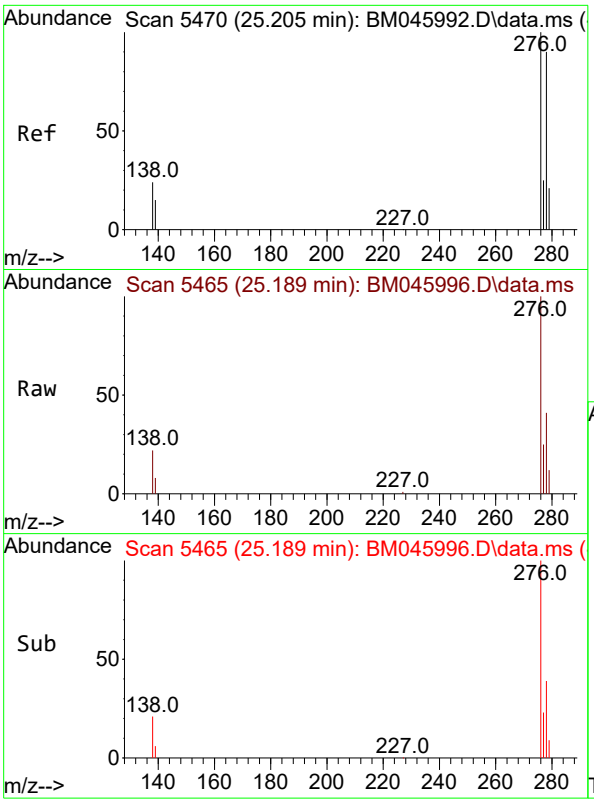


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.550 ng/ul
RT: 25.178 min Scan# 5462
Delta R.T. -0.017 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Tgt Ion:276 Resp: 93928

Ion	Ratio	Lower	Upper
276	100		
138	21.6	20.7	31.1
227	0.1	0.2	0.2#



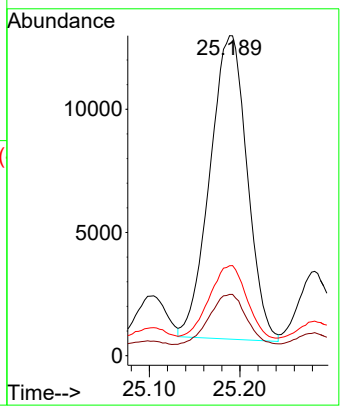


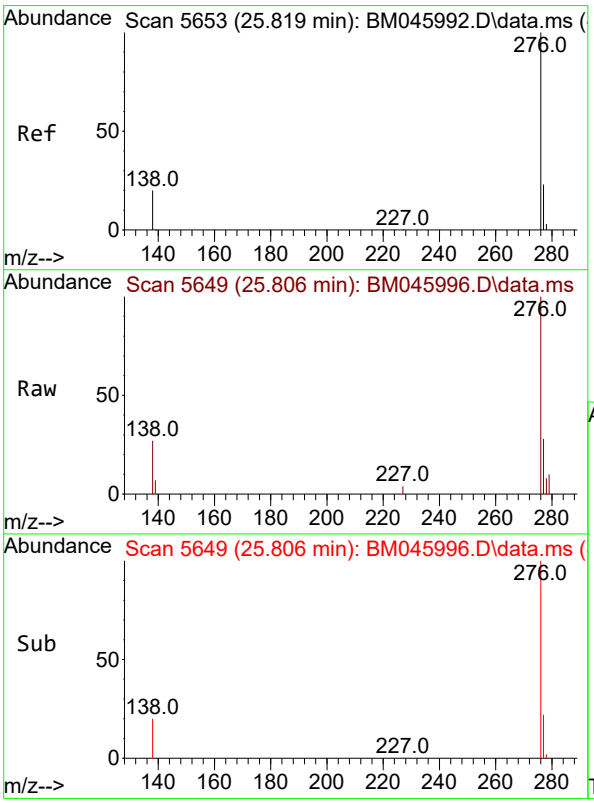
#28
Dibenzo(a,h)anthracene
Concen: 0.726 ng/ul
RT: 25.189 min Scan# 54
Delta R.T. -0.017 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Instrument :
BNA_M
ClientSampleId :
A4C18MS

Tgt Ion:278 Resp: 35163

Ion	Ratio	Lower	Upper
278	100		
139	19.1	16.6	25.0
279	28.1	24.6	37.0





#29
Benzo(g,h,i)perylene
Concen: 0.295 ng/ul
RT: 25.806 min Scan# 5649
Delta R.T. -0.013 min
Lab File: BM045996.D
Acq: 12 Jun 2024 13:41

Tgt Ion:276 Resp: 15402

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.0	31.4
277	27.7	20.5	30.7