Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061224\
Data File : BM045997.D
Acq On : 12 Jun 2024 14:17
Operator : MA/JU
Sample : P2642-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C18MSD

Quant Time: Jun 13 00:07:56 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	3075	0.400	ng/ul	0.00
4) Naphthalene-d8	10.227	136	10818	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.095	164	6925	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.833	188	15154	0.400	ng/ul	-0.01
17) Chrysene-d12	21.026	240	13351	0.400	ng/ul	-0.01
23) Perylene-d12	23.127	264	15094	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.050	96	1624	0.464	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.827	152	4422	0.284	ng/ul	0.00
18) Fluoranthene-d10	18.863	212	12552	0.314	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.080	88	4342	1.083	ng/ul#	73
5) Naphthalene	10.271	128	14324	0.507	ng/ul	100
7) 2-Methylnaphthalene	11.899	142	7514	0.417	ng/ul	99
8) 1-Methylnaphthalene	12.119	142	7222	0.368	ng/ul	98
10) Acenaphthylene	13.813	152	15889	0.505	ng/ul	99
11) Acenaphthene	14.155	153	15901	0.687	ng/ul	99
12) Fluorene	15.150	166	18765	0.725	ng/ul	98
14) Pentachlorophenol	16.516	266	1466	0.517	ng/ul	96
15) Phenanthrene	16.875	178	246112	5.784	ng/ul	99
16) Anthracene	16.968	178	45736	1.260	ng/ul	99
19) Fluoranthene	18.895	202	445741	8.373	ng/ul	96
20) Pyrene	19.258	202	359539	6.474	ng/ul	95
21) Benzo(a)anthracene	21.008	228	201837	4.119	ng/ul	99
22) Chrysene	21.061	228	205783	3.857	ng/ul	99
24) Benzo(b)fluoranthene	22.507	252	349601	6.983	ng/ul	85
25) Benzo(k)fluoranthene	22.668	252	24443	0.444	ng/ul	98
26) Benzo(a)pyrene	23.036	252	117774	2.366	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.178	276	93415	1.451	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.188	278	35020	0.680	ng/ul	95
29) Benzo(g,h,i)perylene	25.806	276	15615	0.281	ng/ul	97

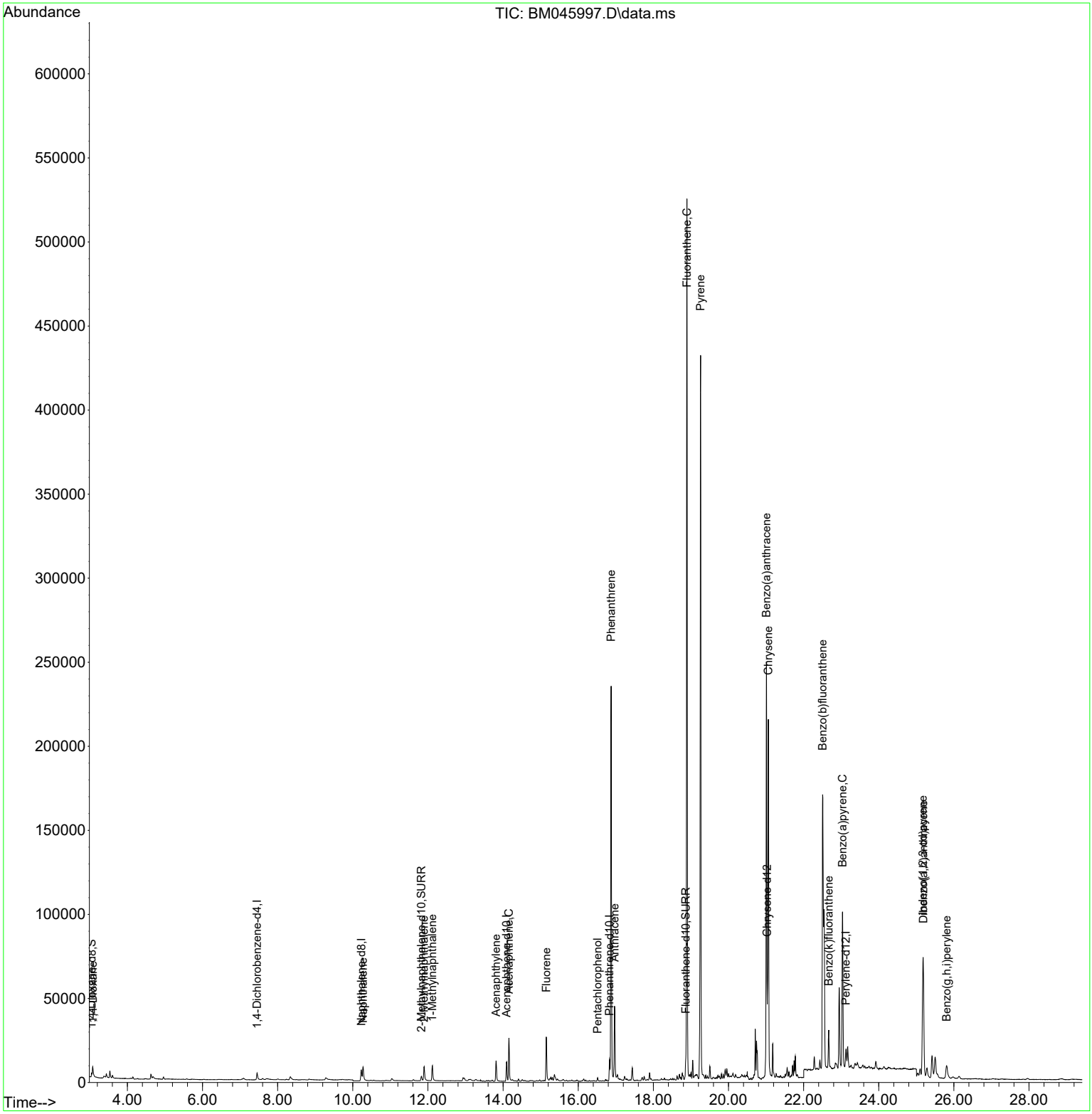
(#) = qualifier out of range (m) = manual integration (+) = signals summed

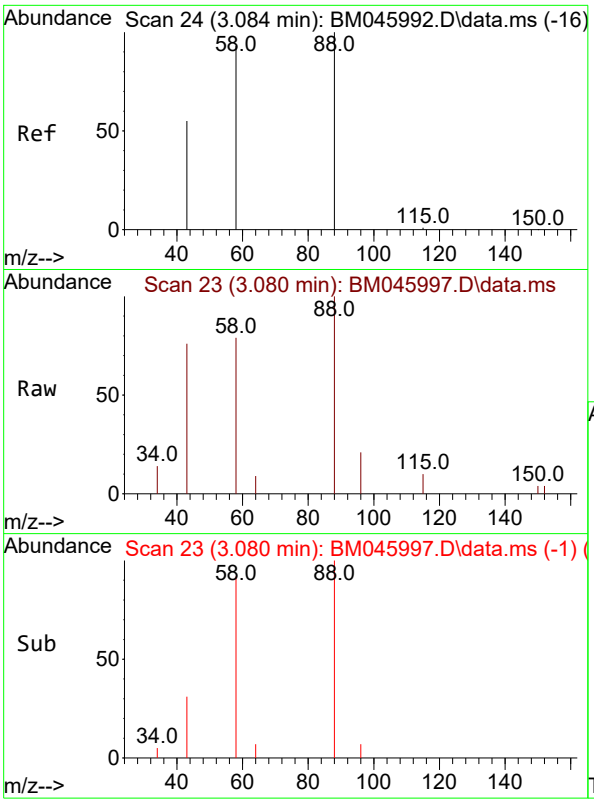
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061224\
Data File : BM045997.D
Acq On : 12 Jun 2024 14:17
Operator : MA/JU
Sample : P2642-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C18MSD

Quant Time: Jun 13 00:07:56 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



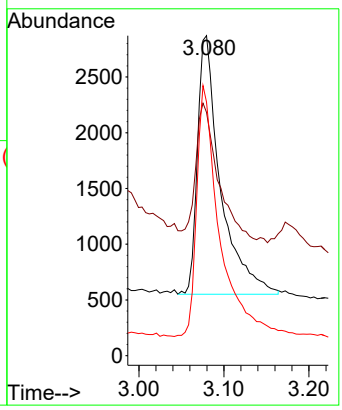


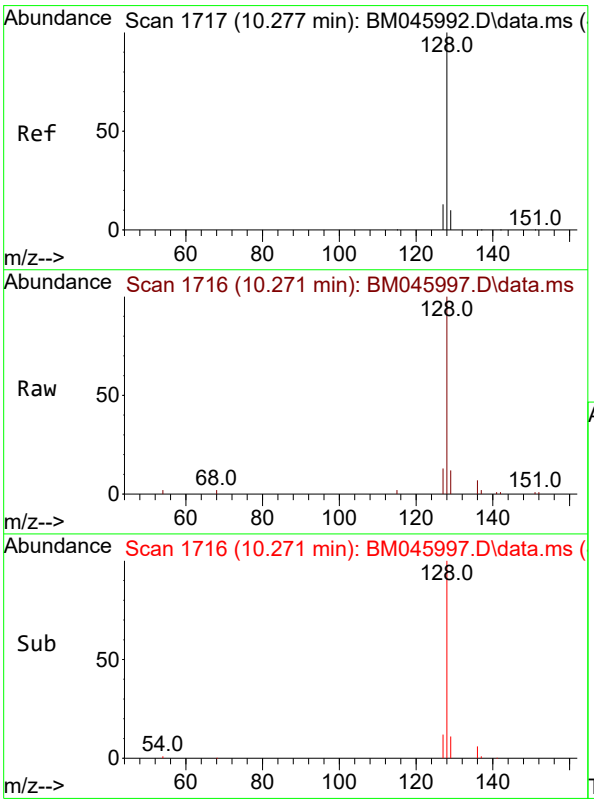
#2
1,4-Dioxane
Concen: 1.083 ng/ul
RT: 3.080 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4C18MSD

Tgt Ion: 88 Resp: 4342

Ion	Ratio	Lower	Upper
88	100		
43	76.0	87.4	131.2#
58	79.3	51.1	76.7#

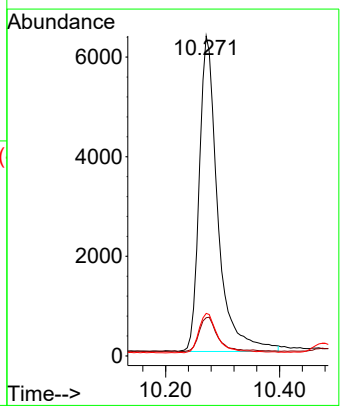


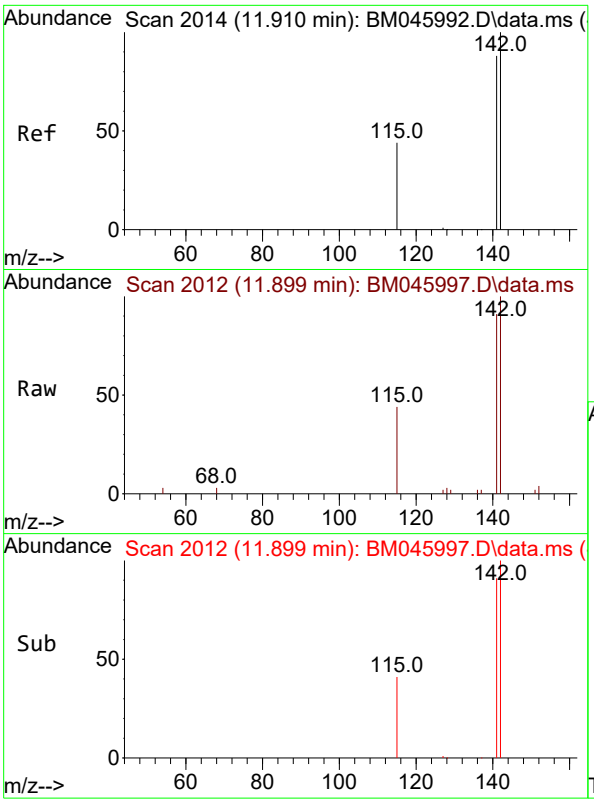


#5
Naphthalene
Concen: 0.507 ng/ul
RT: 10.271 min Scan# 1716
Delta R.T. -0.005 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Tgt Ion:128 Resp: 14324

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.4	14.0
127	13.3	10.6	15.8



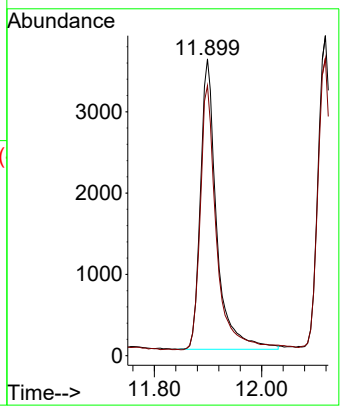


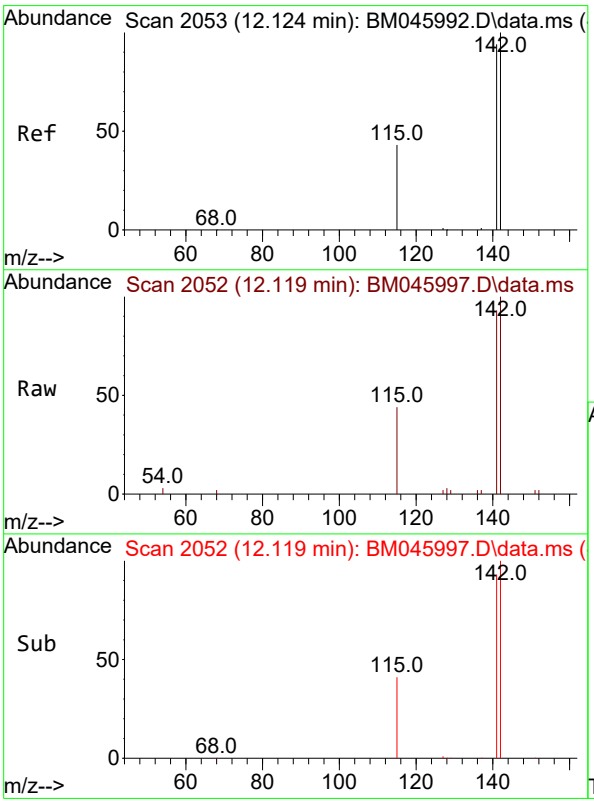
#7
2-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 11.899 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4C18MSD

Tgt Ion:142 Resp: 7514

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.2	108.4

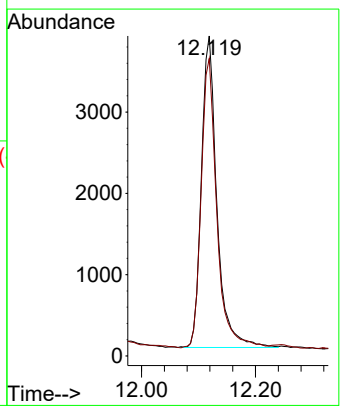


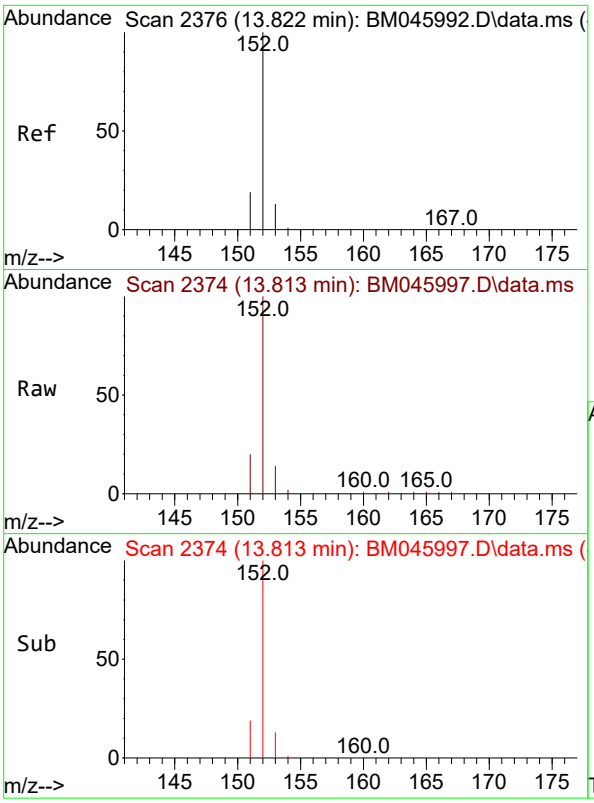


#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.119 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Tgt Ion:142 Resp: 7222

Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.5	110.3



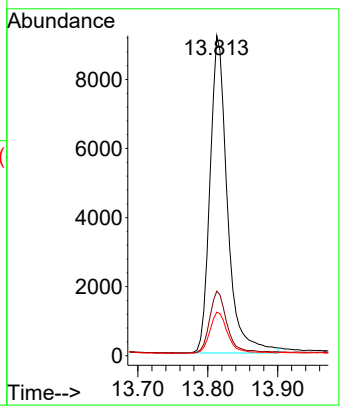


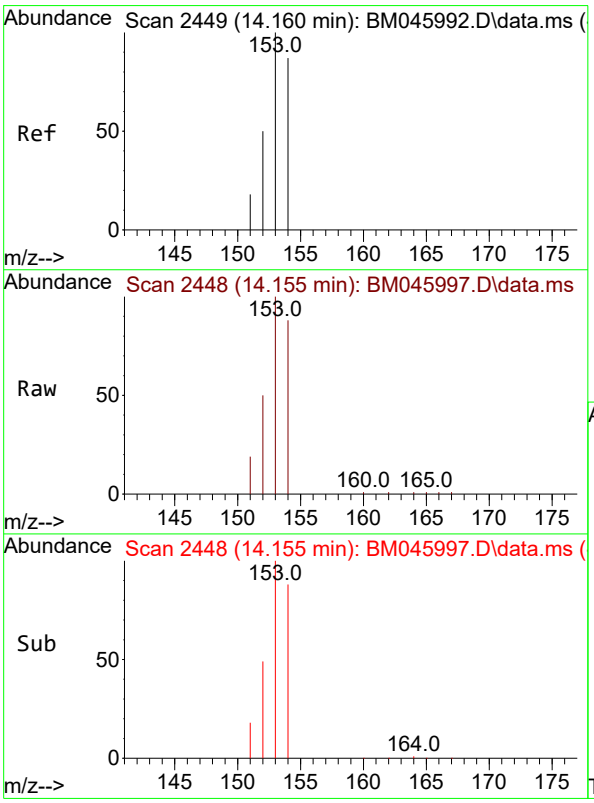
#10
Acenaphthylene
Concen: 0.505 ng/ul
RT: 13.813 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4C18MSD

Tgt Ion:152 Resp: 15889

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.4	24.6
153	13.6	11.1	16.7

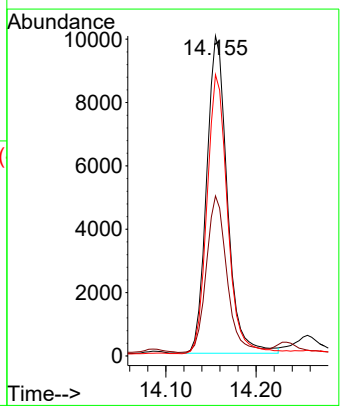


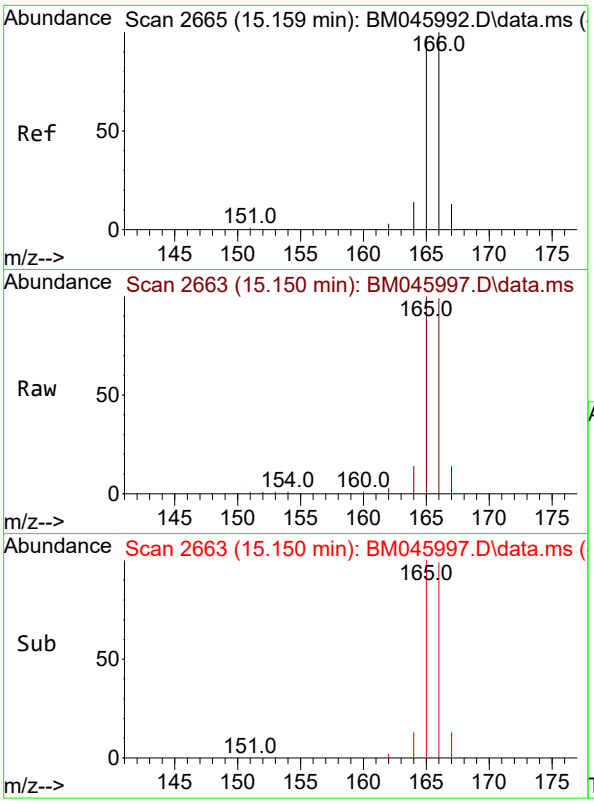


#11
Acenaphthene
Concen: 0.687 ng/ul
RT: 14.155 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Tgt Ion:153 Resp: 15901

Ion	Ratio	Lower	Upper
153	100		
152	50.0	39.0	58.4
154	87.9	69.4	104.2



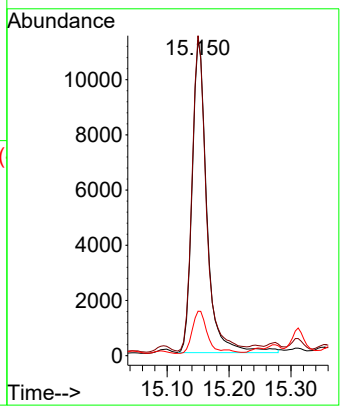


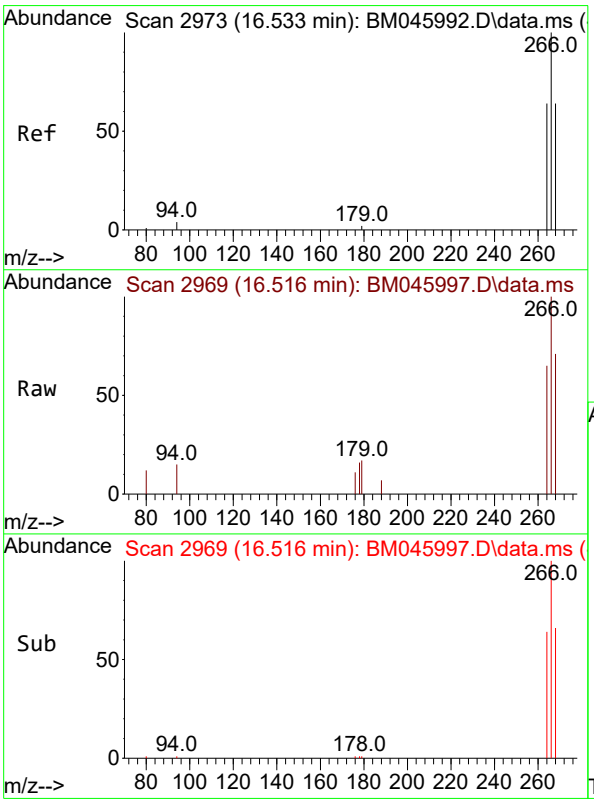
#12
Fluorene
Concen: 0.725 ng/ul
RT: 15.150 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4C18MSD

Tgt Ion:166 Resp: 18765

Ion	Ratio	Lower	Upper
166	100		
165	101.4	79.7	119.5
167	14.1	11.3	16.9

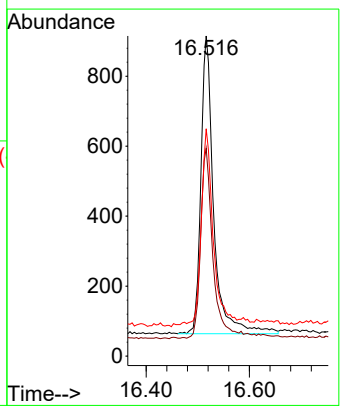


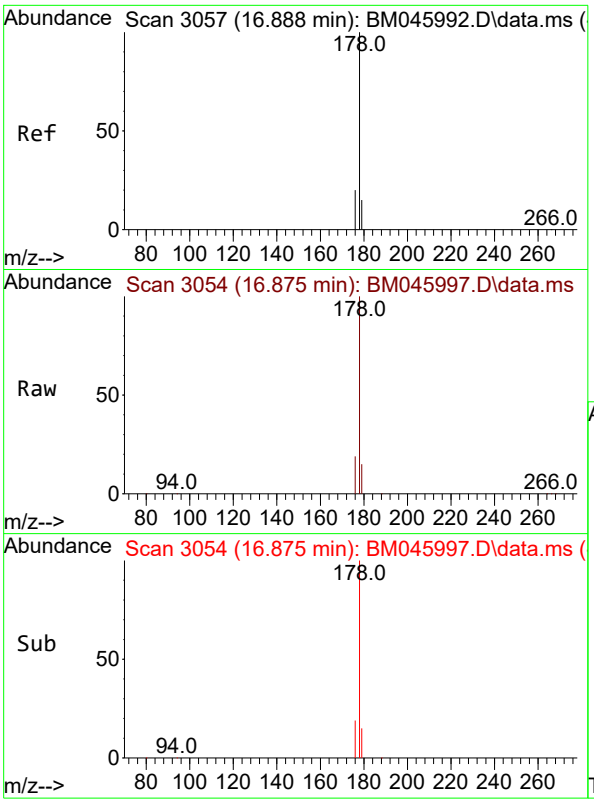


#14
Pentachlorophenol
Concen: 0.517 ng/ul
RT: 16.516 min Scan# 2969
Delta R.T. -0.017 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Tgt Ion:266 Resp: 1466

Ion	Ratio	Lower	Upper
266	100		
264	63.1	47.9	71.9
268	60.5	50.9	76.3



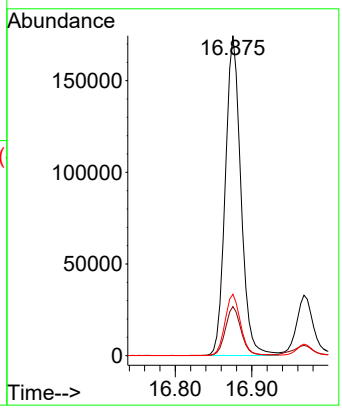


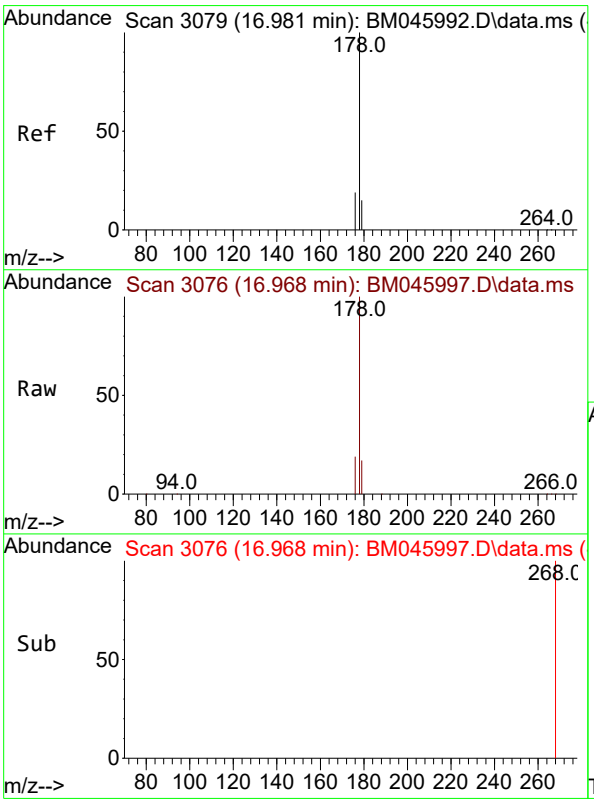
#15
Phenanthrene
Concen: 5.784 ng/ul
RT: 16.875 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4C18MSD

Tgt Ion:178 Resp: 246112

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	19.2	15.6	23.4

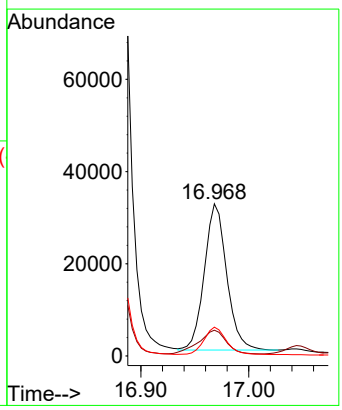


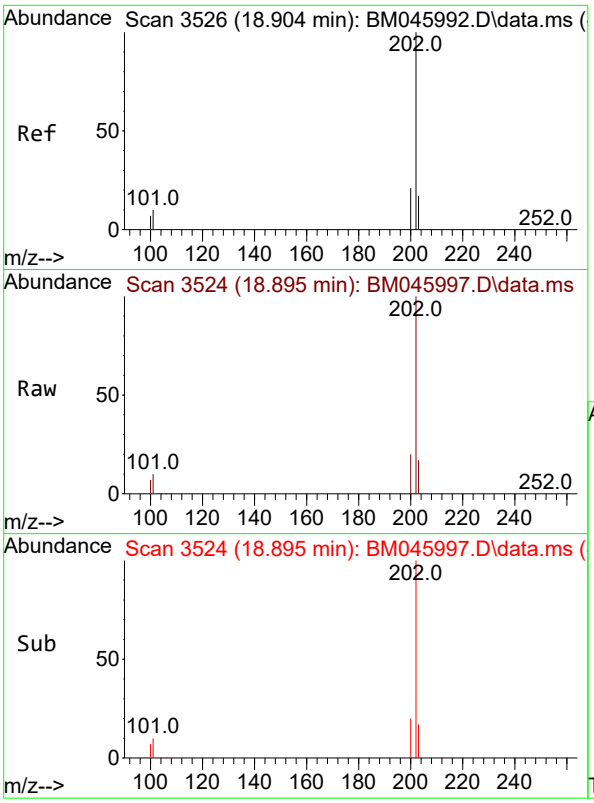


#16
Anthracene
Concen: 1.260 ng/ul
RT: 16.968 min Scan# 3076
Delta R.T. -0.013 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Tgt Ion:178 Resp: 45736

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.1	19.7
176	19.0	15.5	23.3



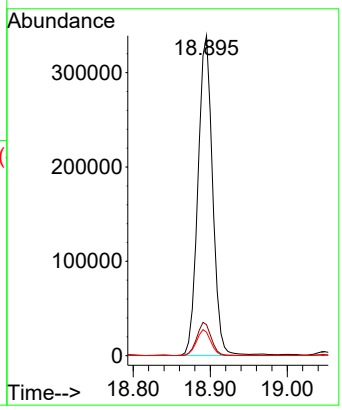


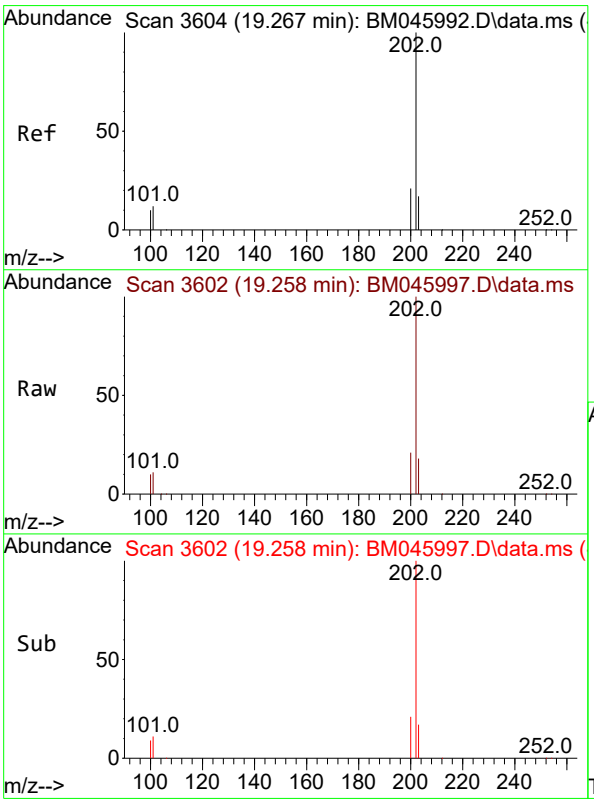
#19
Fluoranthene
Concen: 8.373 ng/ul
RT: 18.895 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4C18MSD

Tgt Ion:202 Resp: 445741

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.0	13.6
100	7.4	7.0	10.6

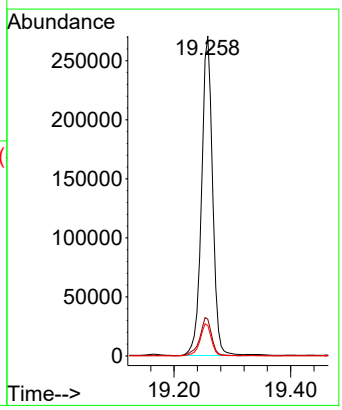


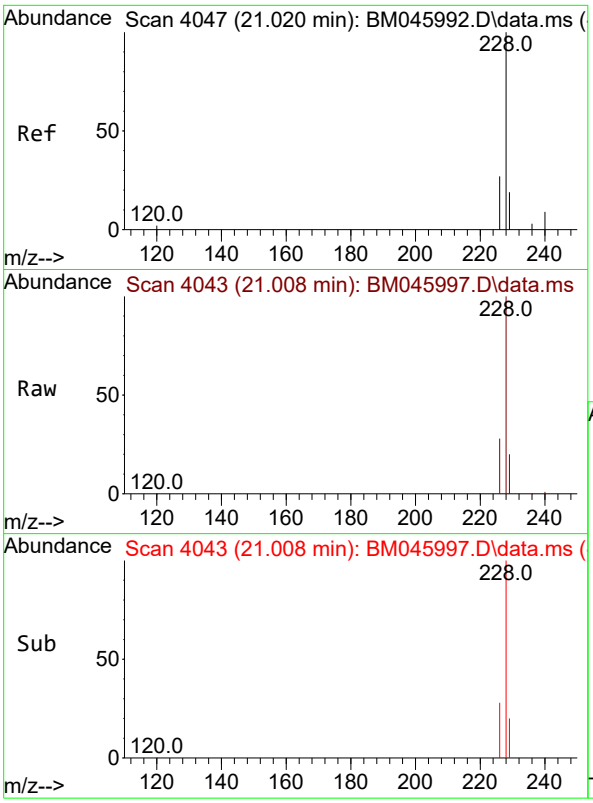


#20
Pyrene
Concen: 6.474 ng/ul
RT: 19.258 min Scan# 3602
Delta R.T. -0.009 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Tgt Ion:202 Resp: 359539

Ion	Ratio	Lower	Upper
202	100		
101	11.5	10.6	16.0
100	9.5	9.1	13.7



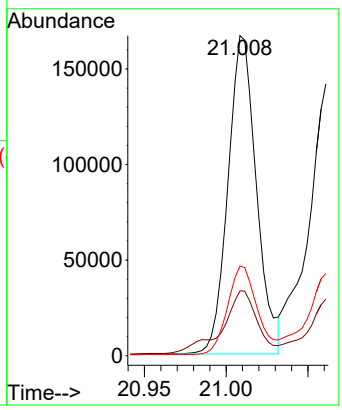


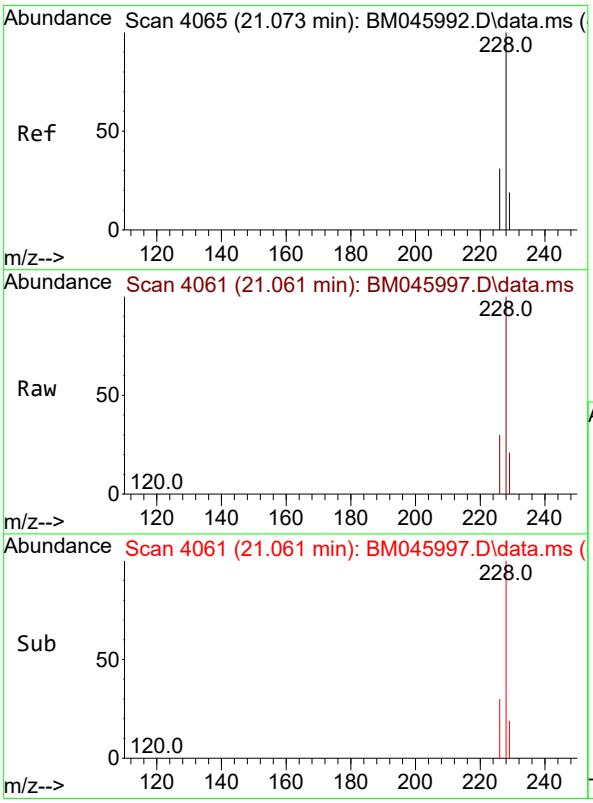
#21
Benzo(a)anthracene
Concen: 4.119 ng/ul
RT: 21.008 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4C18MSD

Tgt Ion:228 Resp: 201837

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	28.0	22.0	33.0

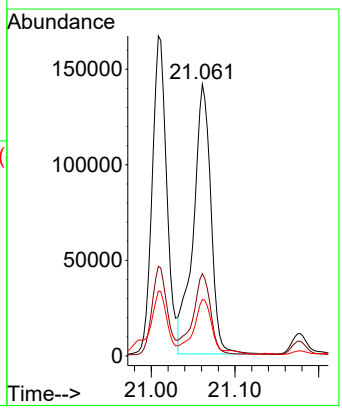


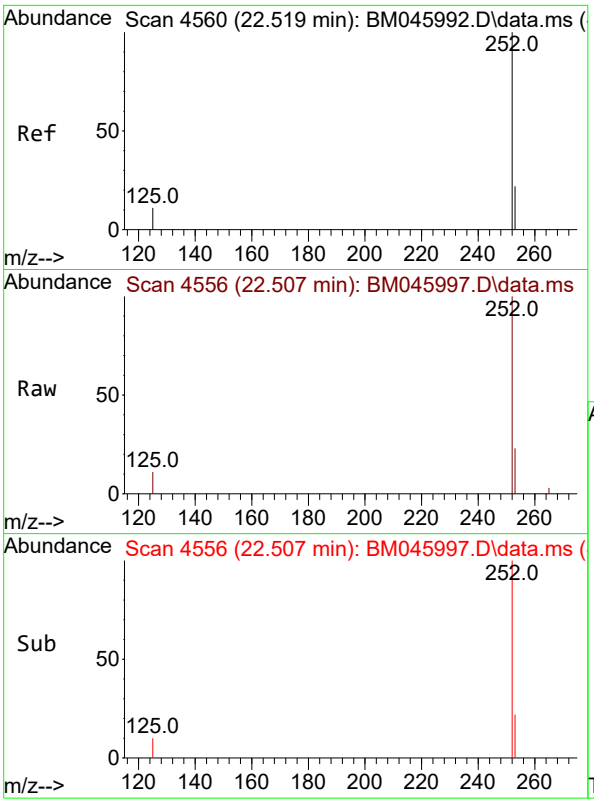


#22
Chrysene
Concen: 3.857 ng/ul
RT: 21.061 min Scan# 4061
Delta R.T. -0.012 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Tgt Ion:228 Resp: 205783

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	20.9	16.2	24.2



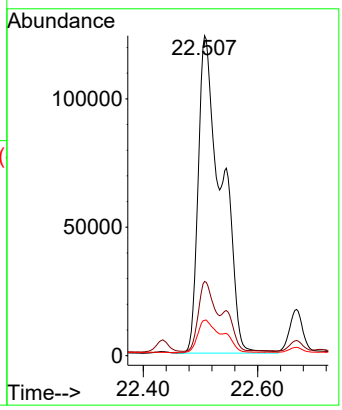


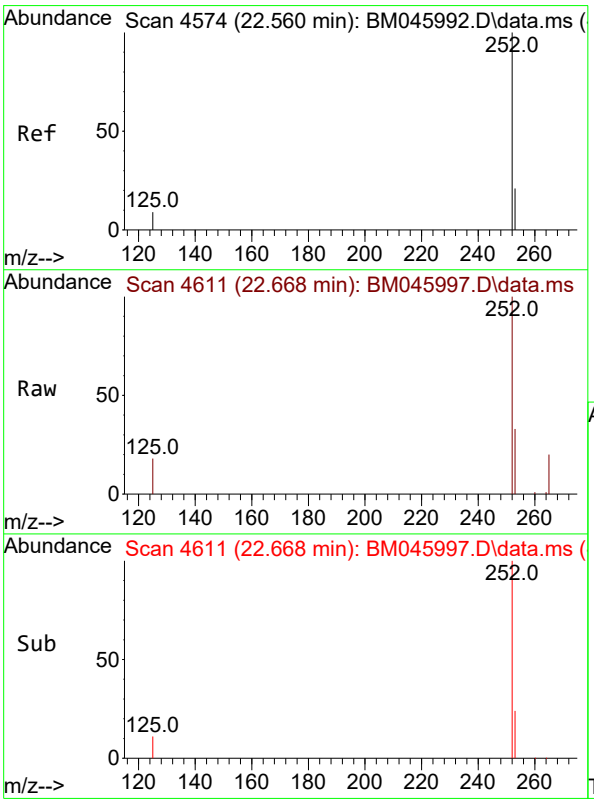
#24
Benzo(b)fluoranthene
Concen: 6.983 ng/ul
RT: 22.507 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4C18MSD

Tgt Ion:252 Resp: 349601

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	63.6
125	11.1	0.0	35.8

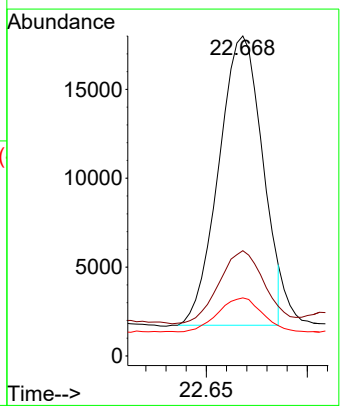


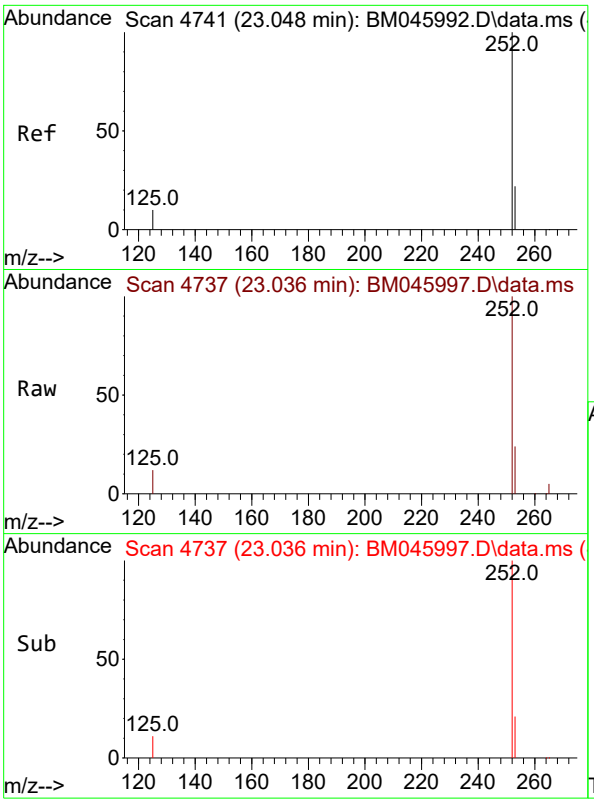


#25
Benzo(k)fluoranthene
Concen: 0.444 ng/ul
RT: 22.668 min Scan# 4611
Delta R.T. 0.108 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Tgt Ion:252 Resp: 24443

Ion	Ratio	Lower	Upper
252	100		
253	32.9	25.0	37.6
125	18.2	14.2	21.2



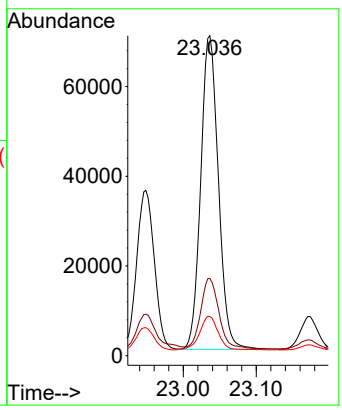


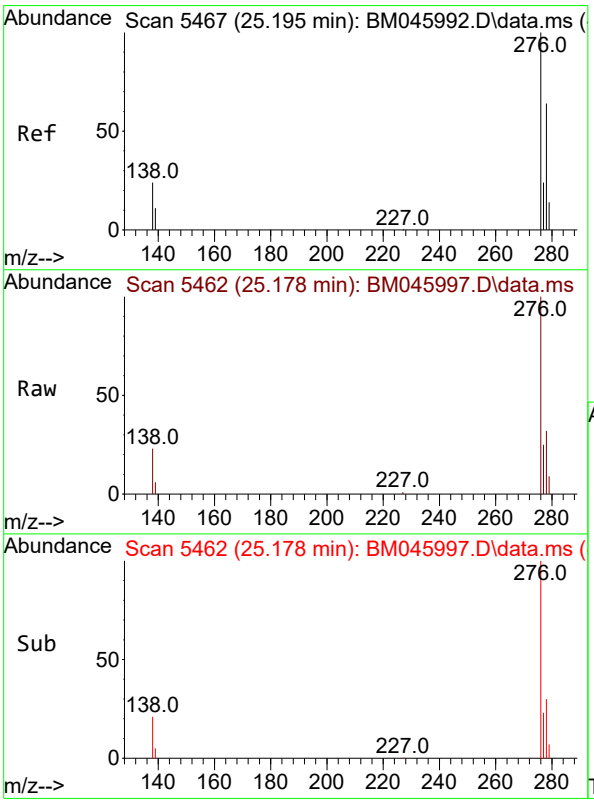
#26
Benzo(a)pyrene
Concen: 2.366 ng/ul
RT: 23.036 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4C18MSD

Tgt Ion:252 Resp: 117774

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

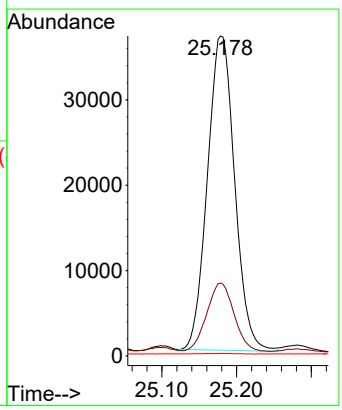


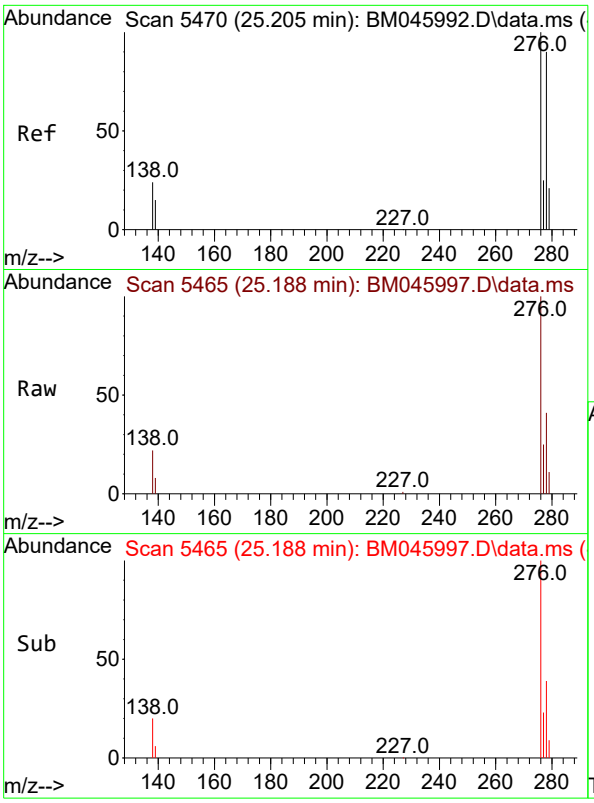


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.451 ng/ul
RT: 25.178 min Scan# 5462
Delta R.T. -0.017 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Tgt Ion:276 Resp: 93415

Ion	Ratio	Lower	Upper
276	100		
138	21.8	20.7	31.1
227	0.3	0.2	0.2#



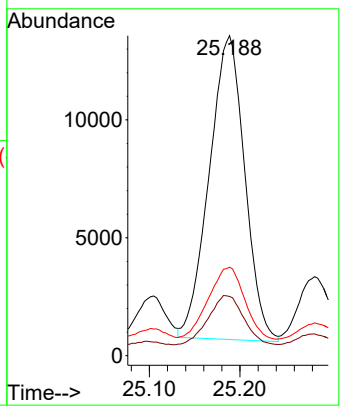


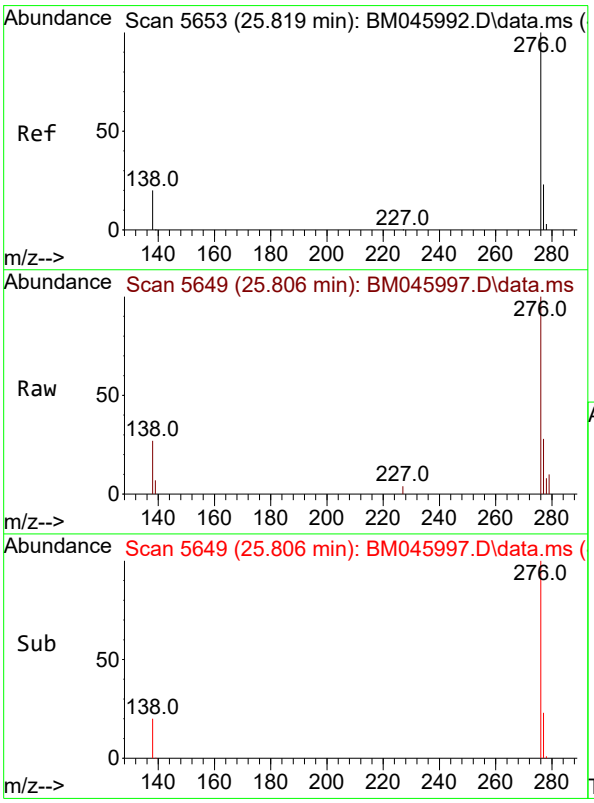
#28
Dibenzo(a,h)anthracene
Concen: 0.680 ng/ul
RT: 25.188 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Instrument :
BNA_M
ClientSampleId :
A4C18MSD

Tgt Ion:278 Resp: 35020

Ion	Ratio	Lower	Upper
278	100		
139	18.5	16.6	25.0
279	27.7	24.6	37.0





#29
Benzo(g,h,i)perylene
Concen: 0.281 ng/ul
RT: 25.806 min Scan# 5649
Delta R.T. -0.013 min
Lab File: BM045997.D
Acq: 12 Jun 2024 14:17

Tgt Ion:276 Resp: 15615

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.0	31.4
277	28.1	20.5	30.7