Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080724\
Data File : BM047075.D
Acq On : 08 Aug 2024 03:53
Operator : RC/JU
Sample : SSTD3.286
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Quant Time: Aug 08 05:41:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 05:39:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.397	152	7131	0.400	ng/ul	0.00
4) Naphthalene-d8	10.146	136	22875	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.045	164	13734	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.805	188	27998	0.400	ng/ul	0.00
17) Chrysene-d12	21.024	240	21433	0.400	ng/ul	0.00
23) Perylene-d12	23.125	264	20390	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	22157	4.438	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.746	152	111431	3.065	ng/ul	0.00
18) Fluoranthene-d10	18.850	212	209945	3.008	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.055	88	24253	4.245	ng/ul#	88
5) Naphthalene	10.195	128	187201	3.235	ng/ul	99
7) 2-Methylnaphthalene	11.823	142	125415	3.150	ng/ul	100
8) 1-Methylnaphthalene	12.048	142	129333	3.145	ng/ul	100
10) Acenaphthylene	13.758	152	204636	3.253	ng/ul	99
11) Acenaphthene	14.110	153	135381	3.171	ng/ul	98
12) Fluorene	15.109	166	162655	3.048	ng/ul	98
14) Pentachlorophenol	16.467	266	29356	2.316	ng/ul	95
15) Phenanthrene	16.847	178	252717	3.140	ng/ul	99
16) Anthracene	16.935	178	237433	3.169	ng/ul	99
19) Fluoranthene	18.878	202	277288	2.946	ng/ul	99
20) Pyrene	19.245	202	287906	2.957	ng/ul	98
21) Benzo(a)anthracene	21.007	228	250631	2.806	ng/ul	99
22) Chrysene	21.059	228	235065	2.591	ng/ul	100
24) Benzo(b)fluoranthene	22.505	252	243650	2.722	ng/ul	90
25) Benzo(k)fluoranthene	22.546	252	239409	2.654	ng/ul#	90
26) Benzo(a)pyrene	23.032	252	200212	3.115	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.190	276	285284	2.884	ng/ul	100
28) Dibenzo(a,h)anthracene	25.203	278	220312	3.043	ng/ul	94
29) Benzo(g,h,i)perylene	25.813	276	230922	2.651	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080724\
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Operator : RC/JU
Sample : SSTD3.286
Misc :
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Instrument :
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SSTD3.2006

Quant Time: Aug 08 05:41:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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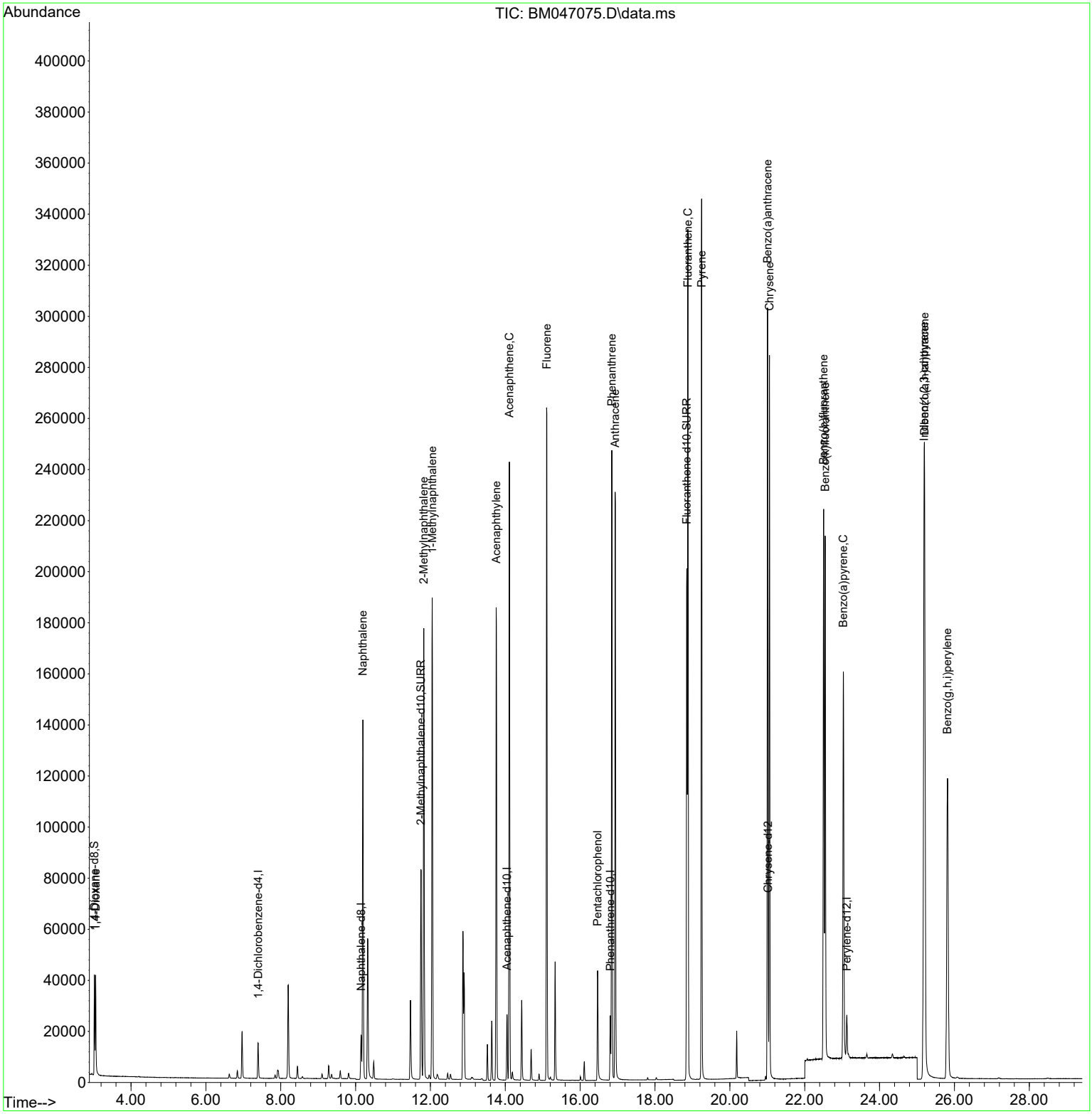
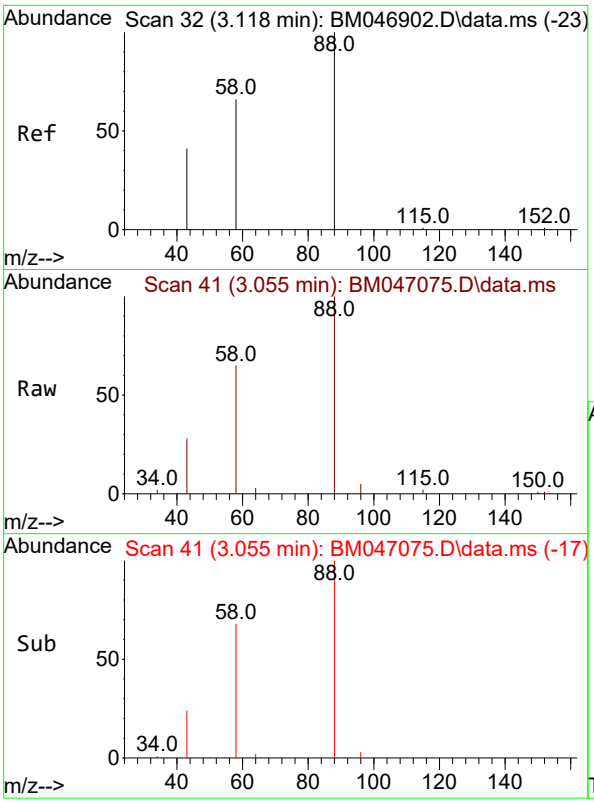


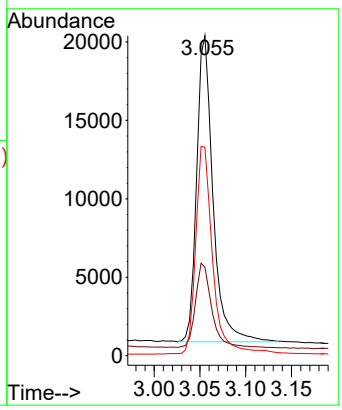


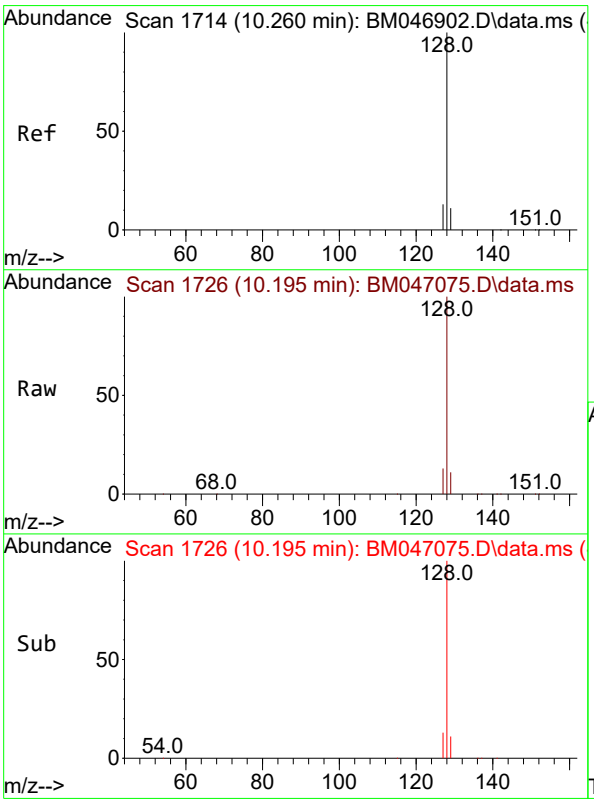
#2
1,4-Dioxane
Concen: 4.245 ng/ul
RT: 3.055 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion: 88 Resp: 24253

Ion	Ratio	Lower	Upper
88	100		
43	27.7	32.0	48.0#
58	65.2	48.1	72.1

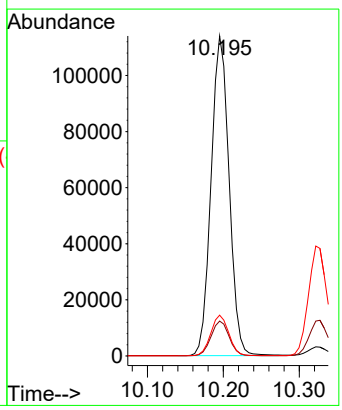


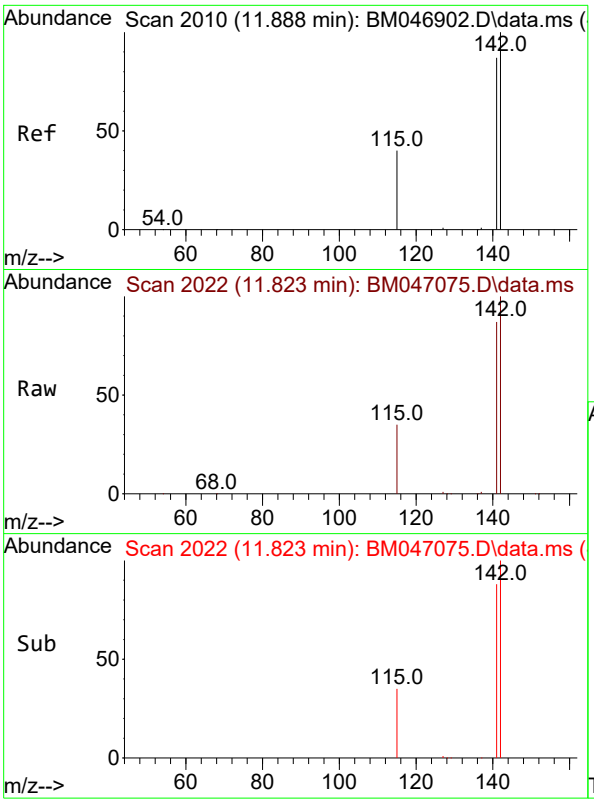


#5
Naphthalene
Concen: 3.235 ng/ul
RT: 10.195 min Scan# 1726
Delta R.T. -0.005 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Tgt Ion:128 Resp: 187201

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.7	10.6	15.8



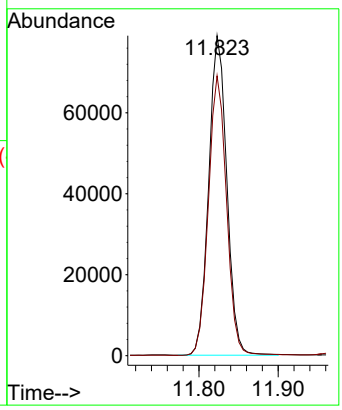


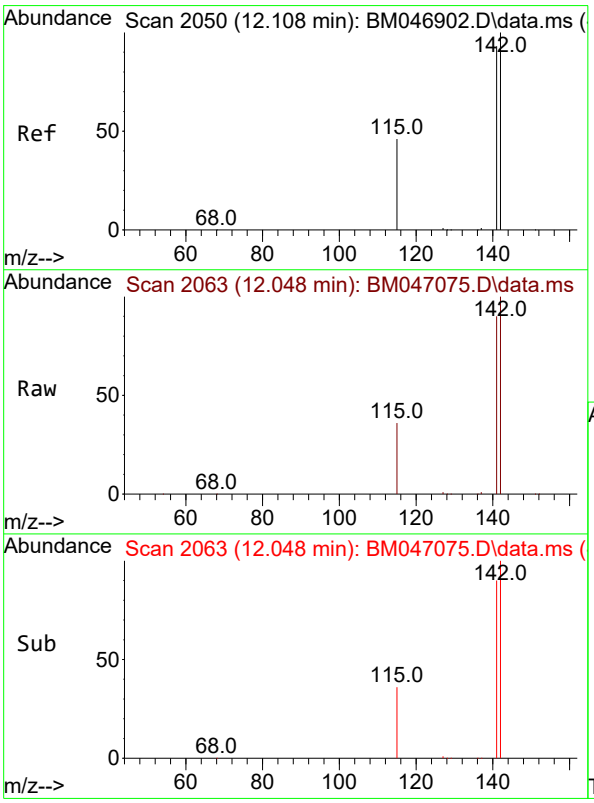
#7
2-Methylnaphthalene
Concen: 3.150 ng/ul
RT: 11.823 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:142 Resp: 125415

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.0	105.0

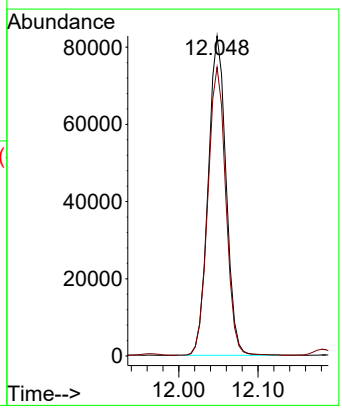


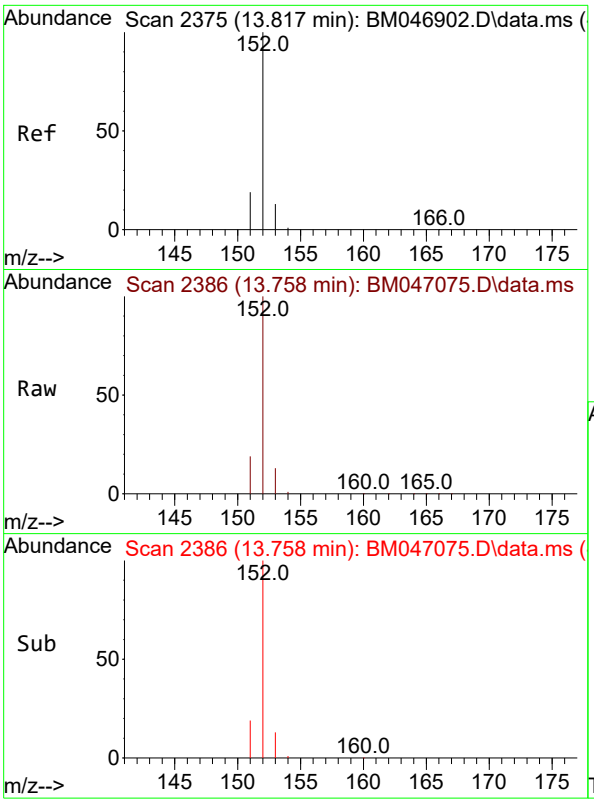


#8
1-Methylnaphthalene
Concen: 3.145 ng/ul
RT: 12.048 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Tgt Ion:142 Resp: 129333

Ion	Ratio	Lower	Upper
142	100		
141	90.4	72.6	109.0



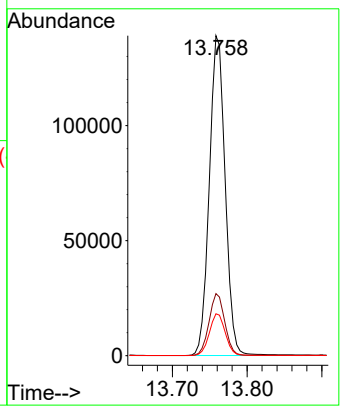


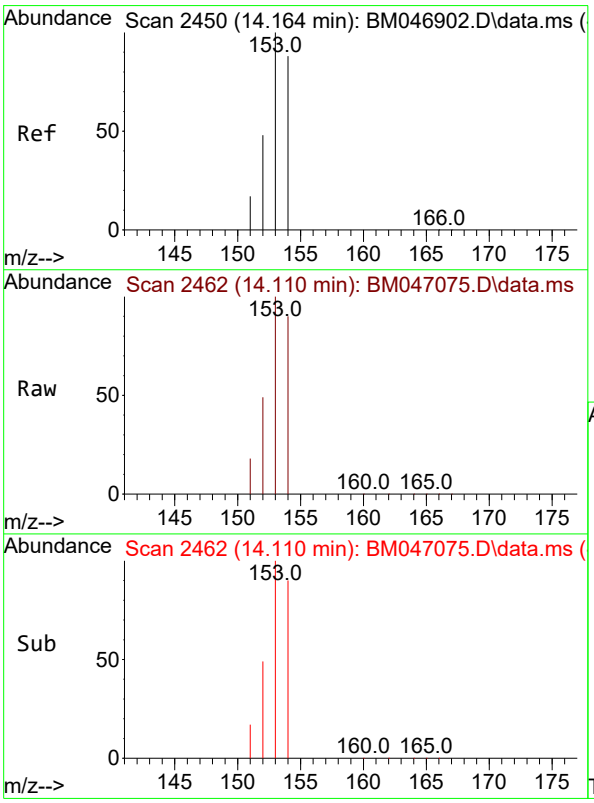
#10
Acenaphthylene
Concen: 3.253 ng/ul
RT: 13.758 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:152 Resp: 204636

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.8	23.6
153	13.1	10.8	16.2

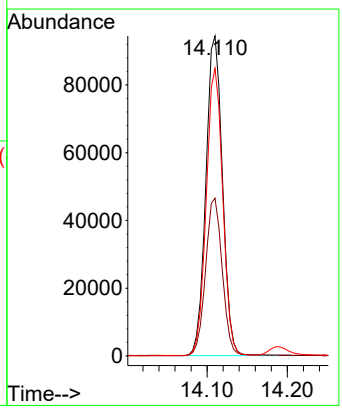


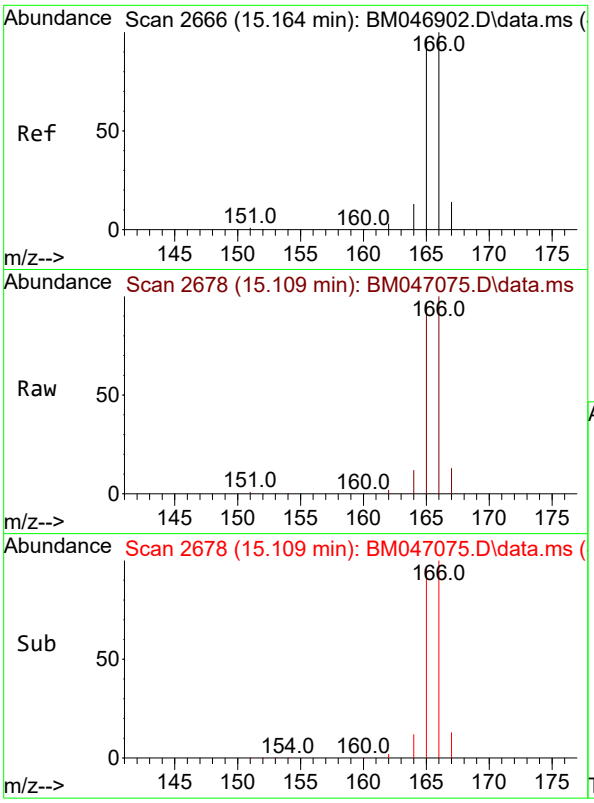


#11
Acenaphthene
Concen: 3.171 ng/ul
RT: 14.110 min Scan# 2462
Delta R.T. 0.000 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Tgt Ion:153 Resp: 135381

Ion	Ratio	Lower	Upper
153	100		
152	49.3	41.6	62.4
154	89.9	71.1	106.7



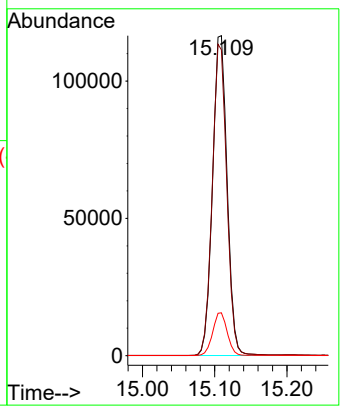


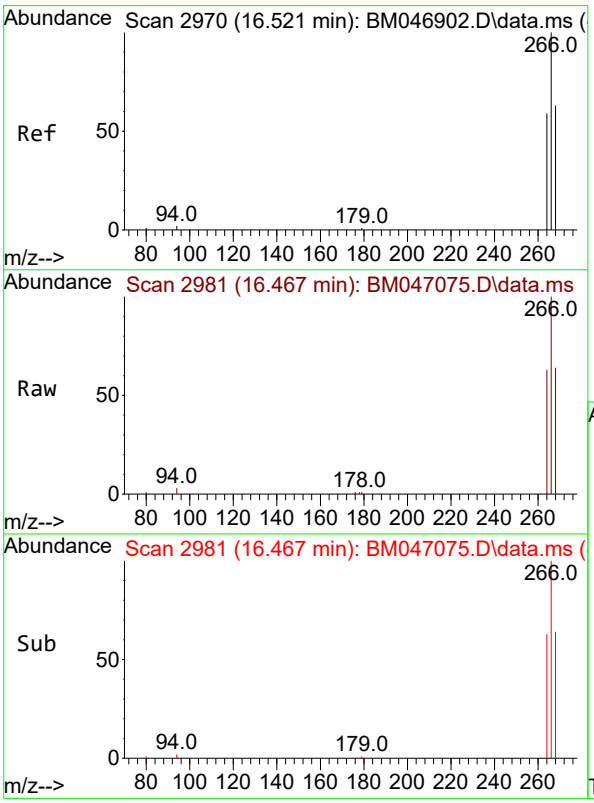
#12
Fluorene
Concen: 3.048 ng/ul
RT: 15.109 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:166 Resp: 162655

Ion	Ratio	Lower	Upper
166	100		
165	95.6	78.2	117.2
167	13.4	10.7	16.1

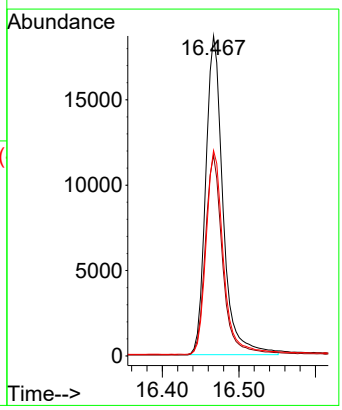


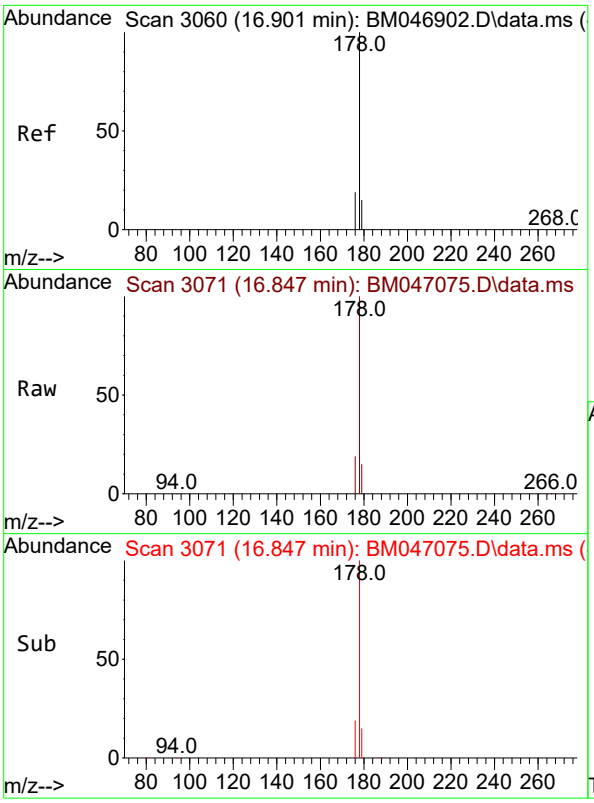


#14
Pentachlorophenol
Concen: 2.316 ng/ul
RT: 16.467 min Scan# 2981
Delta R.T. -0.004 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Tgt Ion:266 Resp: 29356

Ion	Ratio	Lower	Upper
266	100		
264	62.4	47.2	70.8
268	64.1	48.2	72.4



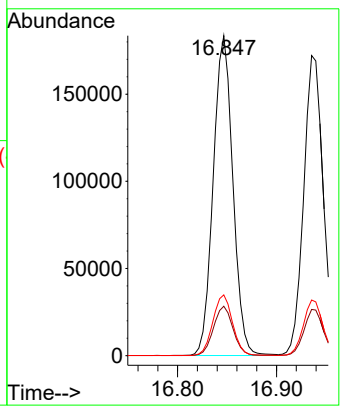


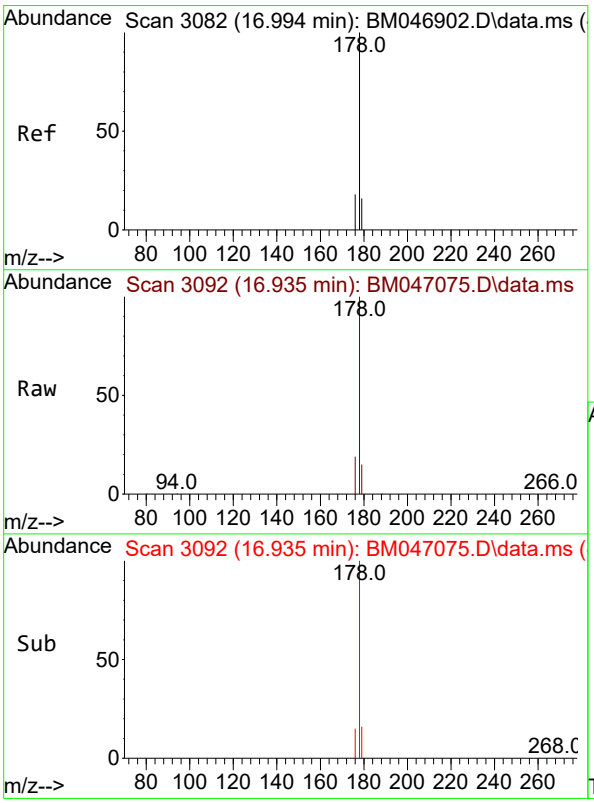
#15
Phenanthrene
Concen: 3.140 ng/ul
RT: 16.847 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:178 Resp: 252717

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.7	19.1
176	19.0	15.7	23.5

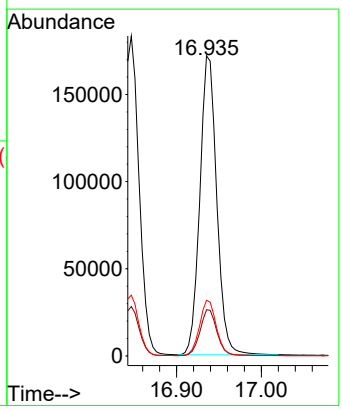


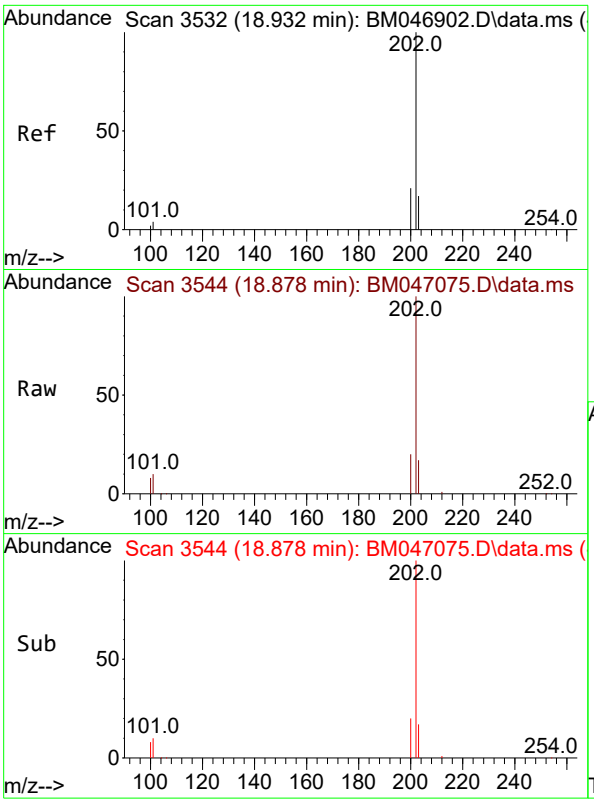


#16
Anthracene
Concen: 3.169 ng/ul
RT: 16.935 min Scan# 3092
Delta R.T. -0.004 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Tgt Ion:178 Resp: 237433

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	18.5	15.2	22.8



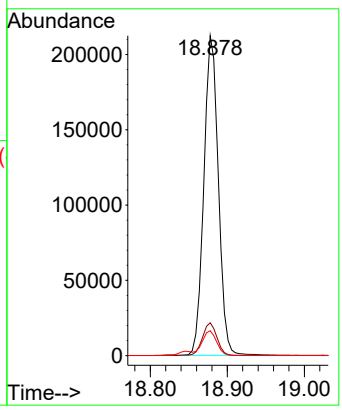


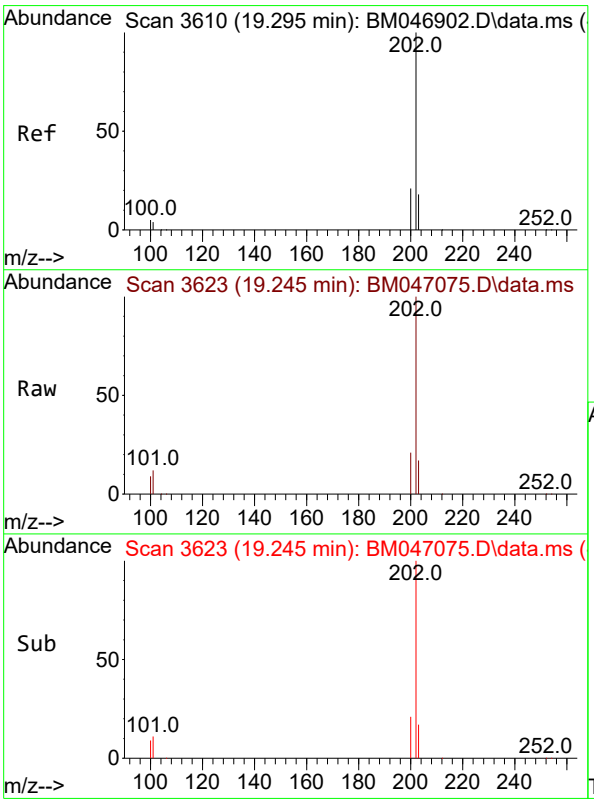
#19
Fluoranthene
Concen: 2.946 ng/ul
RT: 18.878 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:202 Resp: 277288

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.2	12.2
100	7.8	6.0	9.0

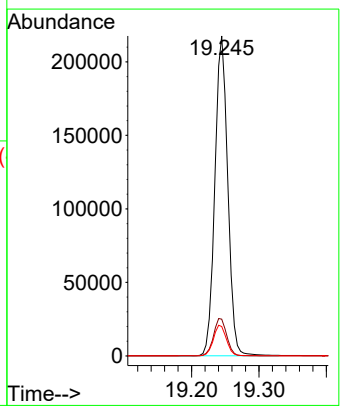


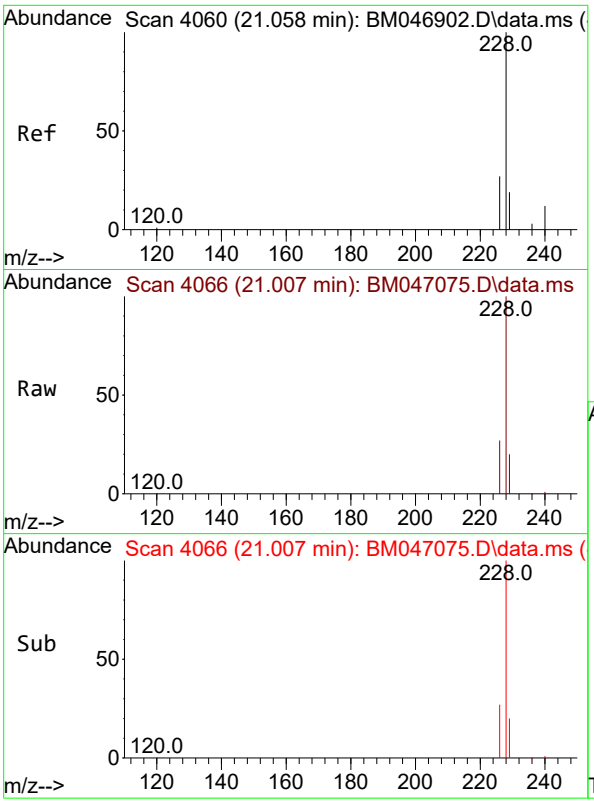


#20
Pyrene
Concen: 2.957 ng/ul
RT: 19.245 min Scan# 3623
Delta R.T. 0.000 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Tgt Ion:202 Resp: 287906

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
100	9.2	8.0	12.0



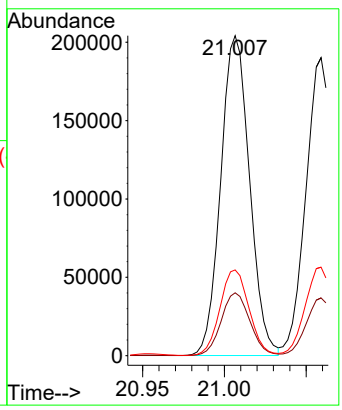


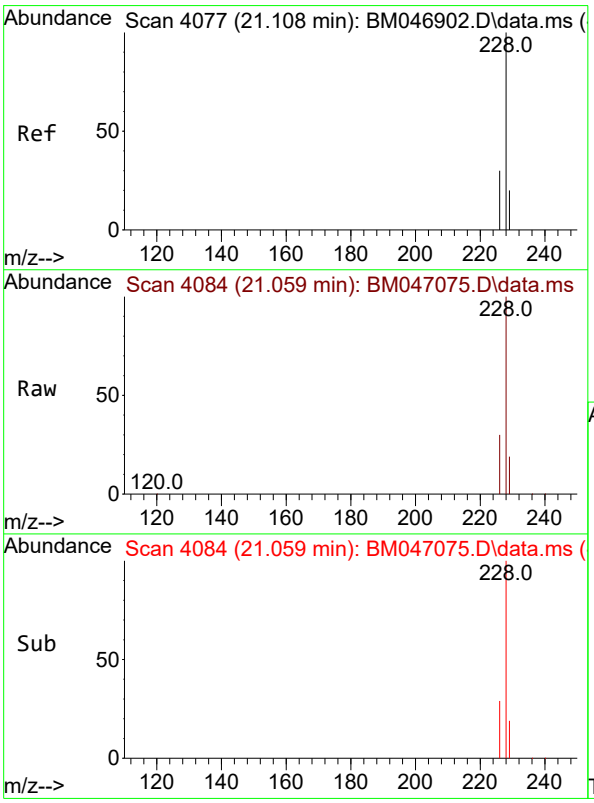
#21
Benzo(a)anthracene
Concen: 2.806 ng/ul
RT: 21.007 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:228 Resp: 250631

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.9	23.9
226	26.8	22.1	33.1

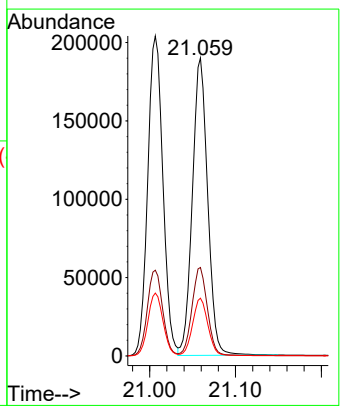


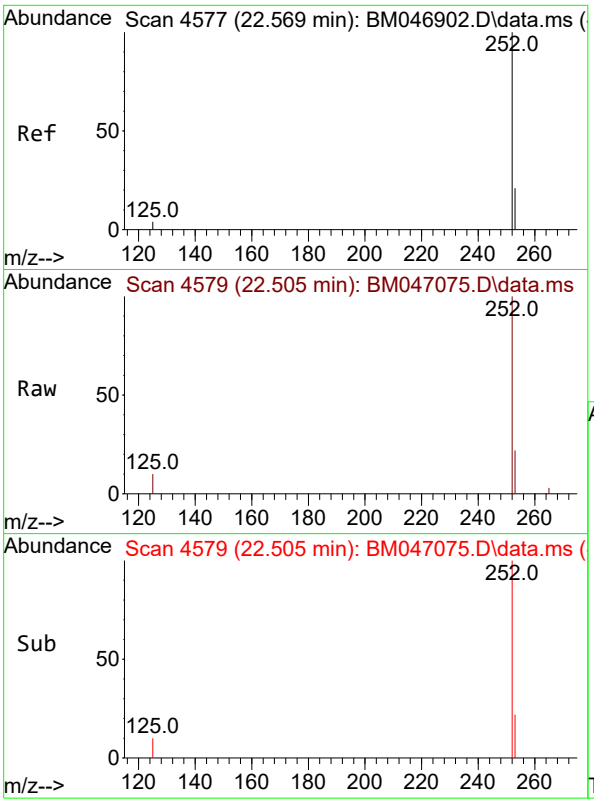


#22
Chrysene
Concen: 2.591 ng/ul
RT: 21.059 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Tgt Ion:228 Resp: 235065

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.9	35.9
229	19.4	15.7	23.5



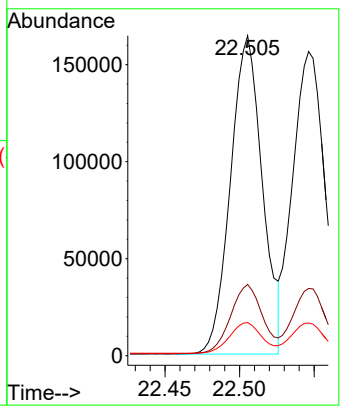


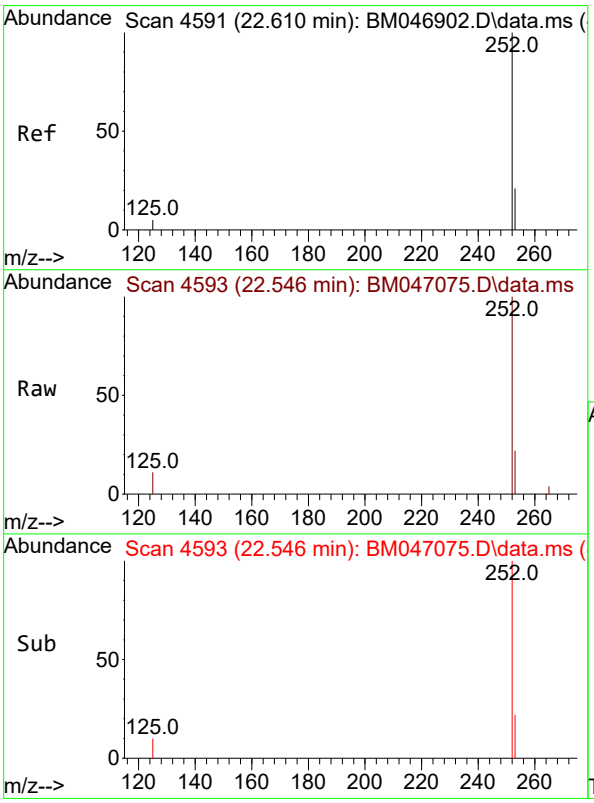
#24
Benzo(b)fluoranthene
Concen: 2.722 ng/ul
RT: 22.505 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:252 Resp: 243650

Ion	Ratio	Lower	Upper
252	100		
253	22.3	0.0	53.4
125	10.4	0.0	32.0

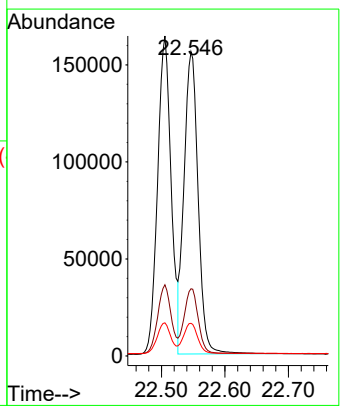


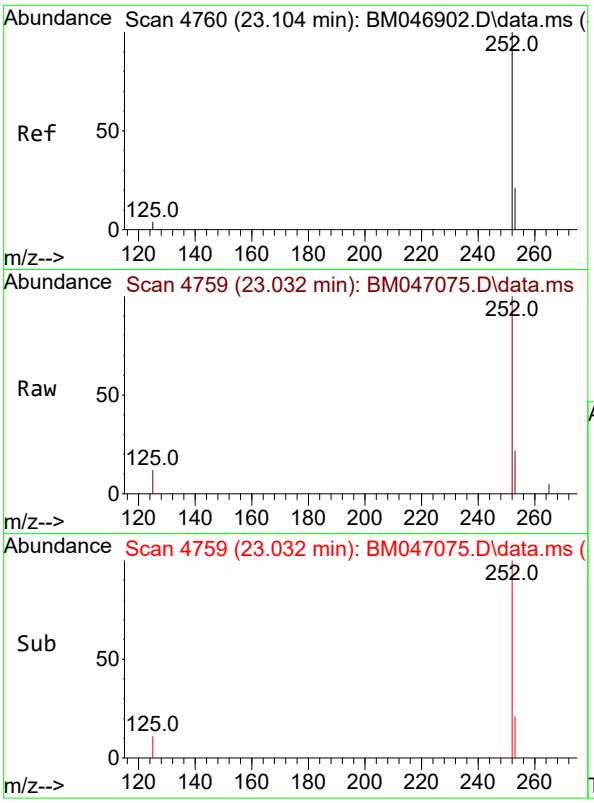


#25
Benzo(k)fluoranthene
Concen: 2.654 ng/ul
RT: 22.546 min Scan# 4593
Delta R.T. -0.003 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Tgt Ion:252 Resp: 239409

Ion	Ratio	Lower	Upper
252	100		
253	22.1	21.1	31.7
125	10.8	13.2	19.8#



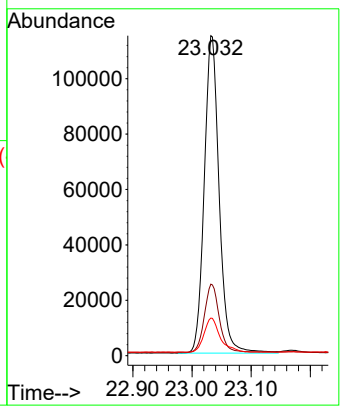


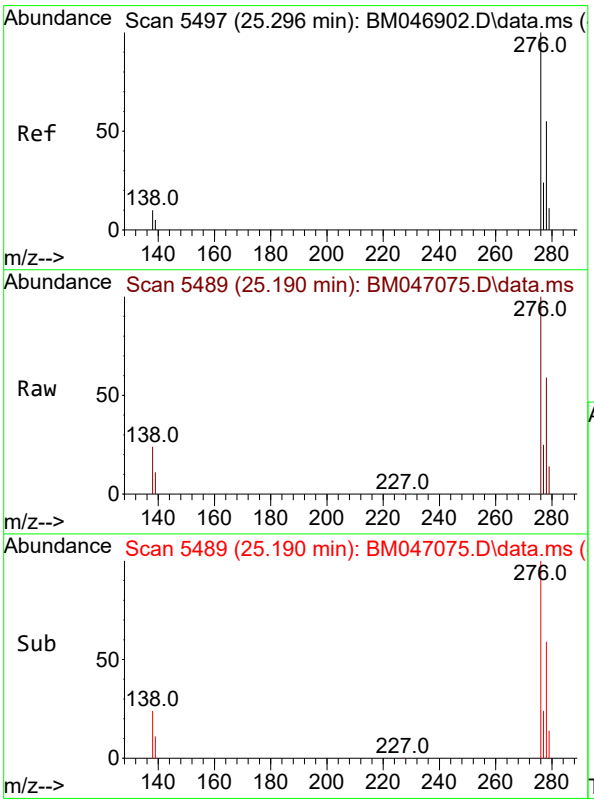
#26
Benzo(a)pyrene
Concen: 3.115 ng/ul
RT: 23.032 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:252 Resp: 200212

Ion	Ratio	Lower	Upper
252	100		
253	22.4	23.6	35.4#
125	11.8	15.8	23.6#

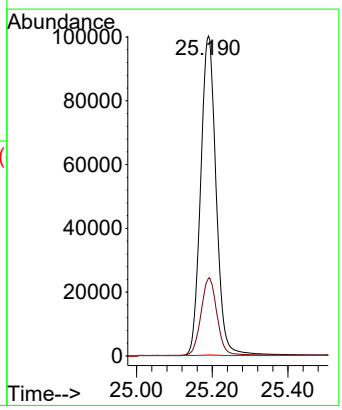


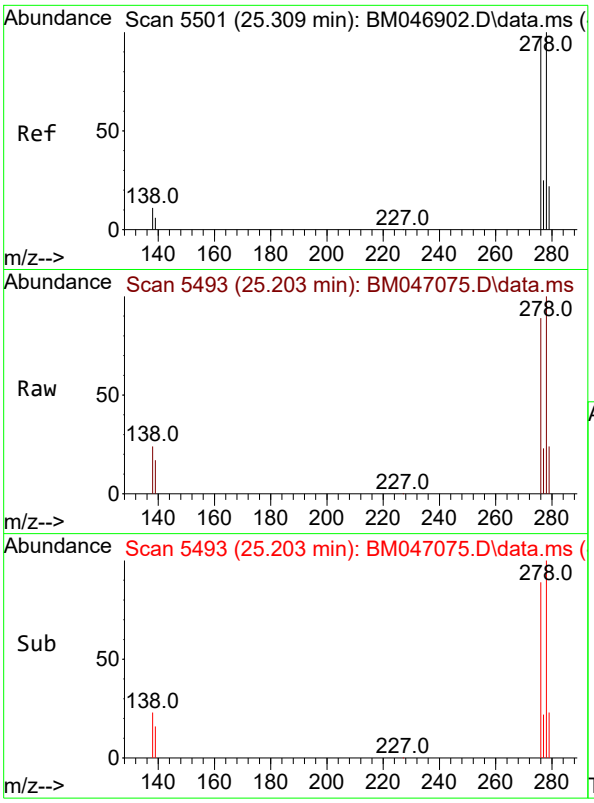


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.884 ng/ul
RT: 25.190 min Scan# 5489
Delta R.T. -0.003 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Tgt Ion:276 Resp: 285284

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.1	30.1
227	0.2	0.2	0.2



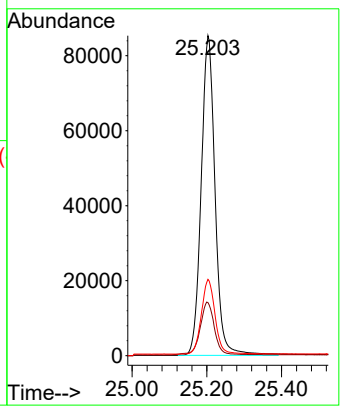


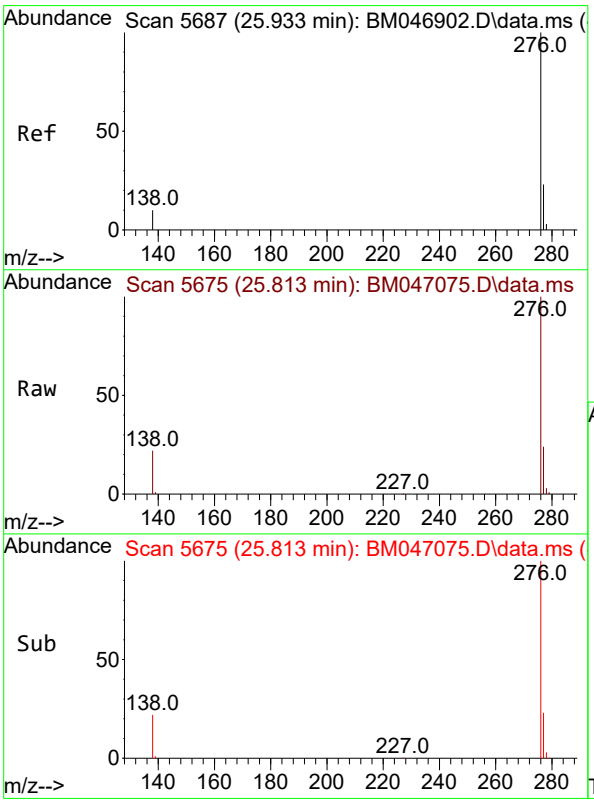
#28
Dibenzo(a,h)anthracene
Concen: 3.043 ng/ul
RT: 25.203 min Scan# 54
Delta R.T. -0.007 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Instrument :
BNA_M
ClientSampleId :
SSTD3.2006

Tgt Ion:278 Resp: 220312

Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.6	21.8
279	23.9	22.1	33.1





#29
Benzo(g,h,i)perylene
Concen: 2.651 ng/ul
RT: 25.813 min Scan# 5675
Delta R.T. -0.007 min
Lab File: BM047075.D
Acq: 08 Aug 2024 03:53

Tgt Ion:276 Resp: 230922

Ion	Ratio	Lower	Upper
276	100		
138	21.8	18.7	28.1
277	23.6	19.6	29.4