Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080724\
Data File : BM047073.D
Acq On : 08 Aug 2024 02:39
Operator : RC/JU
Sample : SSTD0.884
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Quant Time: Aug 08 05:40:50 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	6358	0.400	ng/ul	0.00
4) Naphthalene-d8	10.151	136	19554	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.050	164	11371	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.809	188	22081	0.400	ng/ul	0.00
17) Chrysene-d12	21.024	240	17342	0.400	ng/ul	0.00
23) Perylene-d12	23.125	264	15963	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	5271	1.184	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.751	152	24029	0.773	ng/ul	0.00
18) Fluoranthene-d10	18.850	212	41089	0.728	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.055	88	5913	1.161	ng/ul	93
5) Naphthalene	10.195	128	41689	0.843	ng/ul	100
7) 2-Methylnaphthalene	11.828	142	27303	0.802	ng/ul	100
8) 1-Methylnaphthalene	12.048	142	28527	0.811	ng/ul	100
10) Acenaphthylene	13.763	152	42566	0.817	ng/ul	99
11) Acenaphthene	14.110	153	29278	0.828	ng/ul	99
12) Fluorene	15.109	166	34322	0.777	ng/ul	99
14) Pentachlorophenol	16.471	266	5519	0.552	ng/ul	95
15) Phenanthrene	16.847	178	51687	0.814	ng/ul	99
16) Anthracene	16.940	178	47436	0.803	ng/ul	99
19) Fluoranthene	18.882	202	55913	0.734	ng/ul	100
20) Pyrene	19.245	202	58294	0.740	ng/ul	100
21) Benzo(a)anthracene	21.009	228	49016	0.678	ng/ul	99
22) Chrysene	21.059	228	49739	0.678	ng/ul	99
24) Benzo(b)fluoranthene	22.505	252	47938	0.684	ng/ul	95
25) Benzo(k)fluoranthene	22.546	252	50698	0.718	ng/ul	96
26) Benzo(a)pyrene	23.035	252	39492	0.785	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.193	276	58906	0.761	ng/ul	100
28) Dibenzo(a,h)anthracene	25.206	278	45666	0.806	ng/ul	98
29) Benzo(g,h,i)perylene	25.817	276	48561	0.712	ng/ul	99

(#) = 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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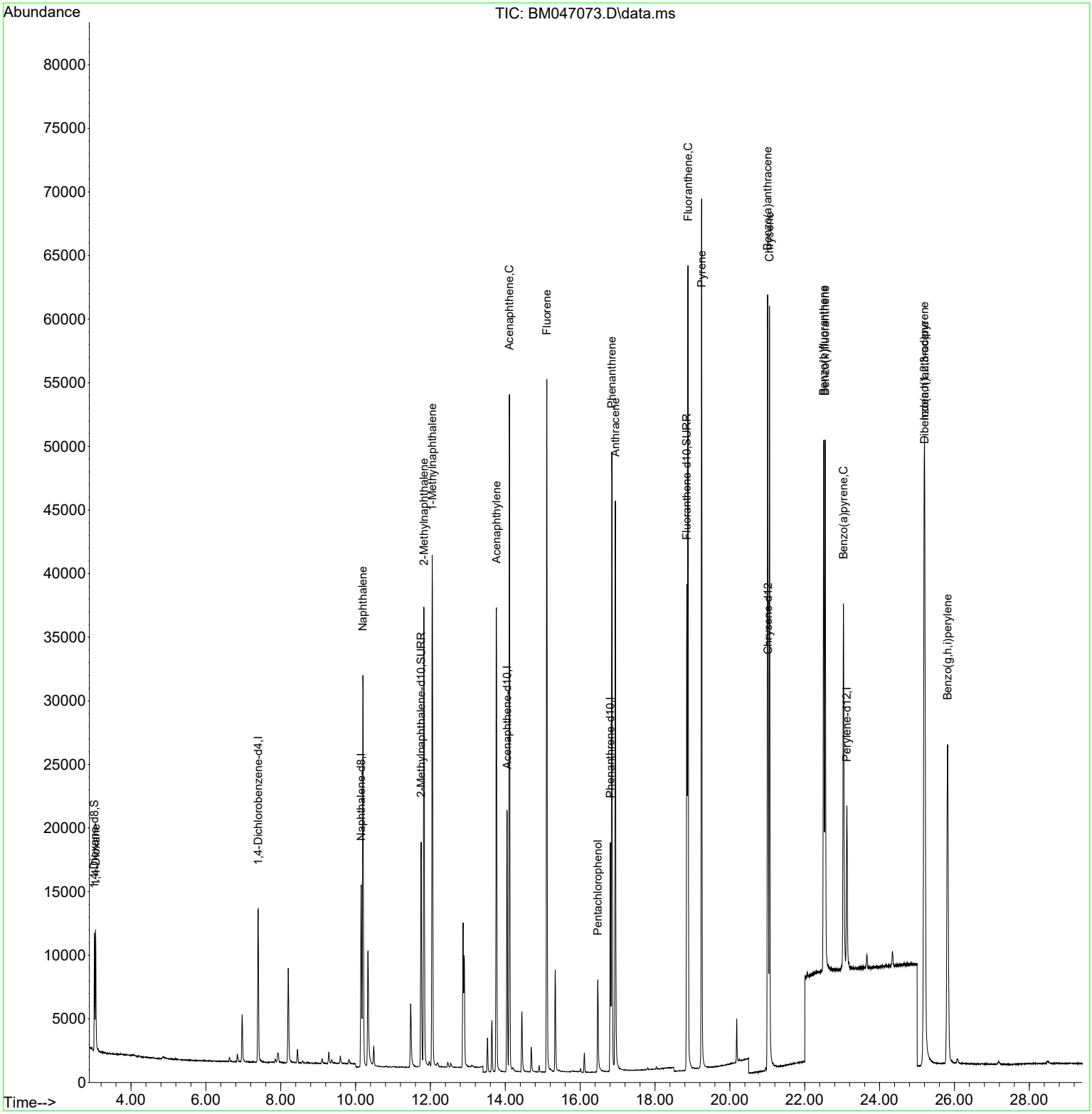
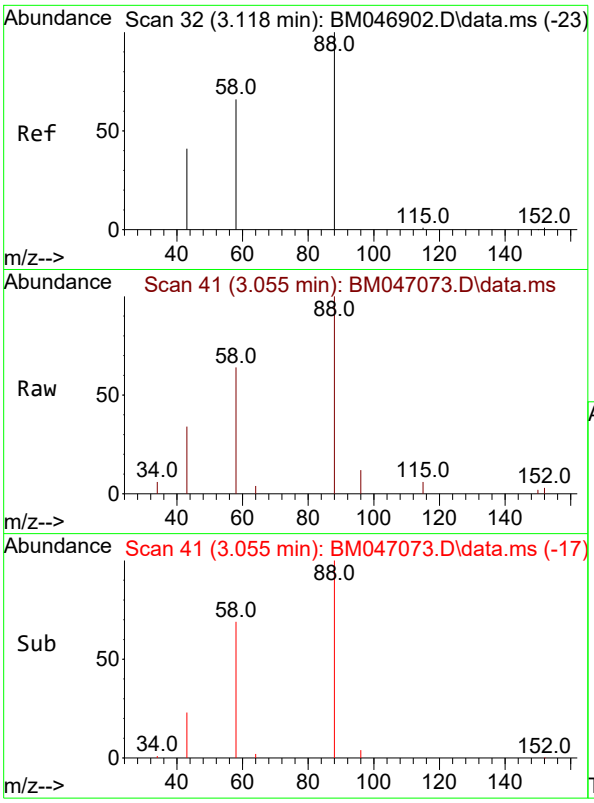
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 08 05:39:24 2024
Response via : Initial Calibration



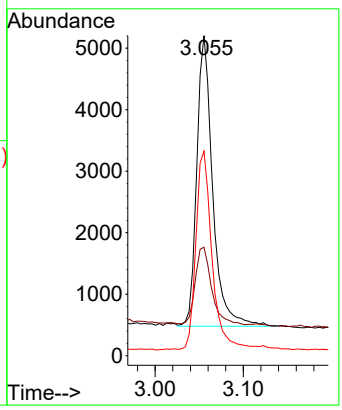


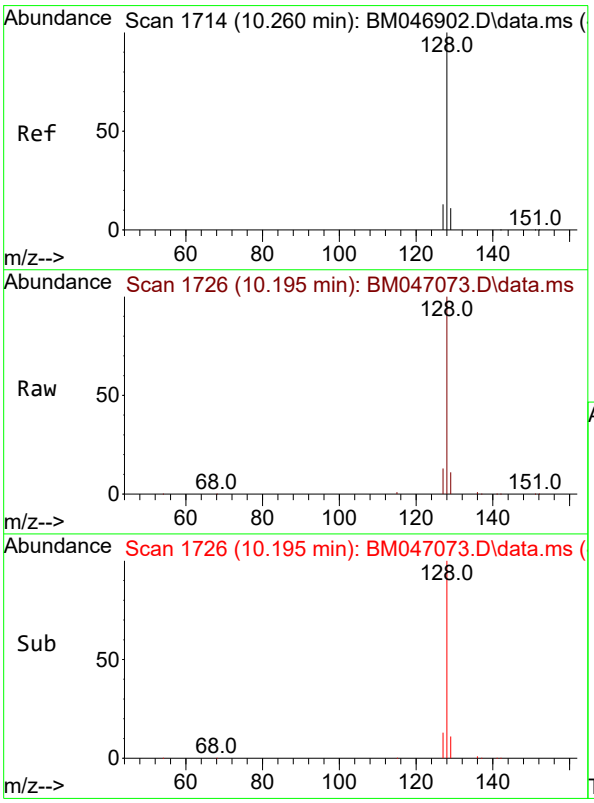
#2
1,4-Dioxane
Concen: 1.161 ng/ul
RT: 3.055 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion: 88 Resp: 5913

Ion	Ratio	Lower	Upper
88	100		
43	33.9	32.0	48.0
58	63.9	48.1	72.1

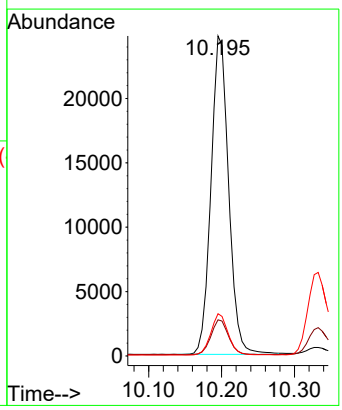


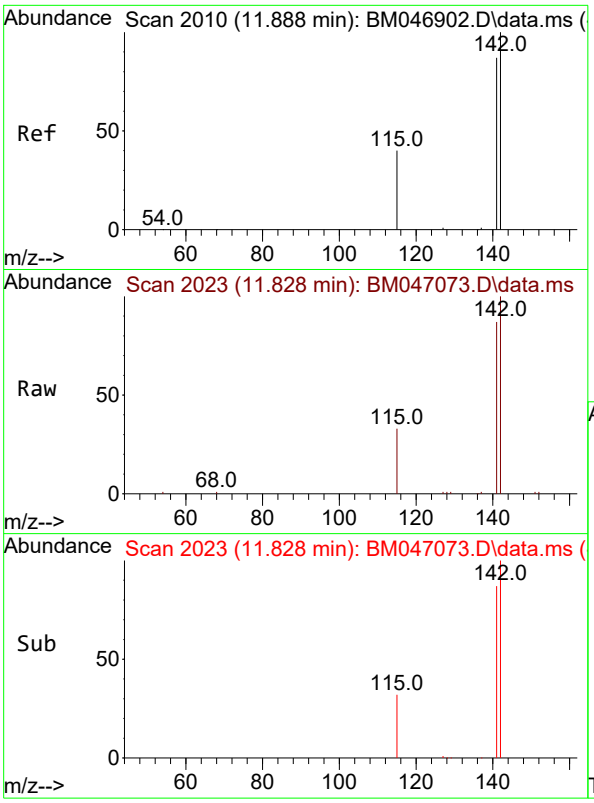


#5
Naphthalene
Concen: 0.843 ng/ul
RT: 10.195 min Scan# 1726
Delta R.T. -0.005 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Tgt Ion:128 Resp: 41689

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.9	13.3
127	13.2	10.6	15.8



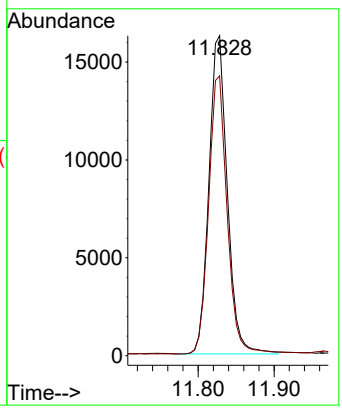


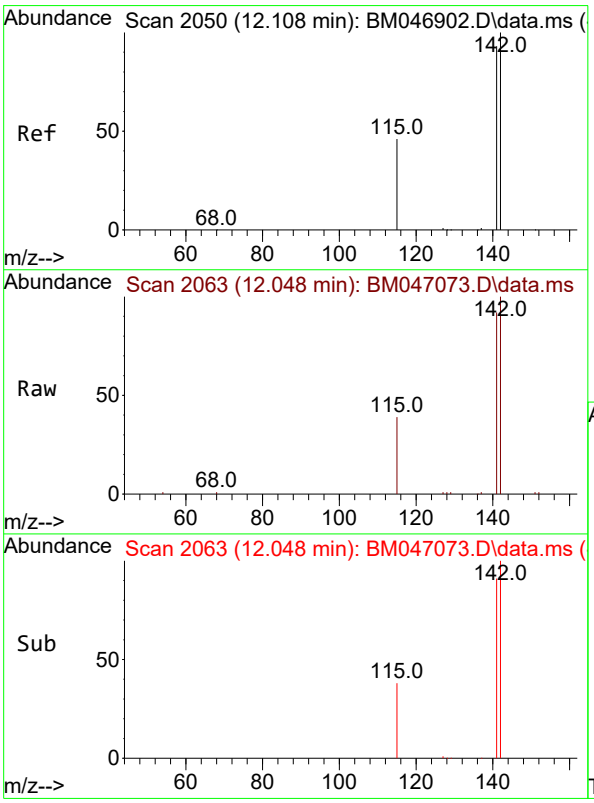
#7
2-Methylnaphthalene
Concen: 0.802 ng/ul
RT: 11.828 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:142 Resp: 27303

Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.0	105.0

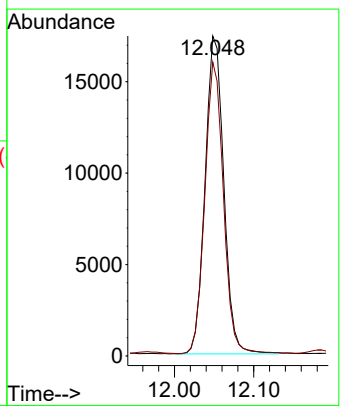


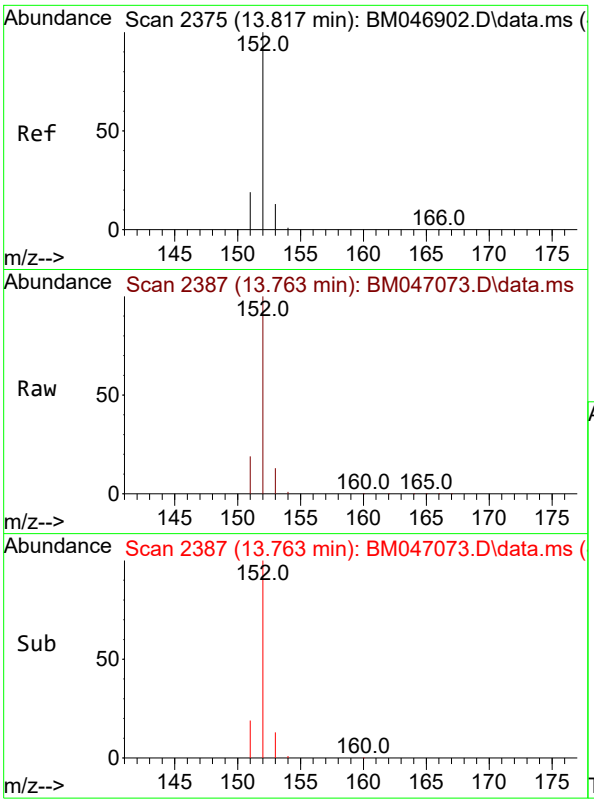


#8
1-Methylnaphthalene
Concen: 0.811 ng/ul
RT: 12.048 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Tgt Ion:142 Resp: 28527

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	109.0



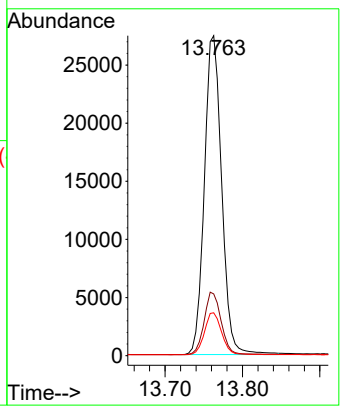


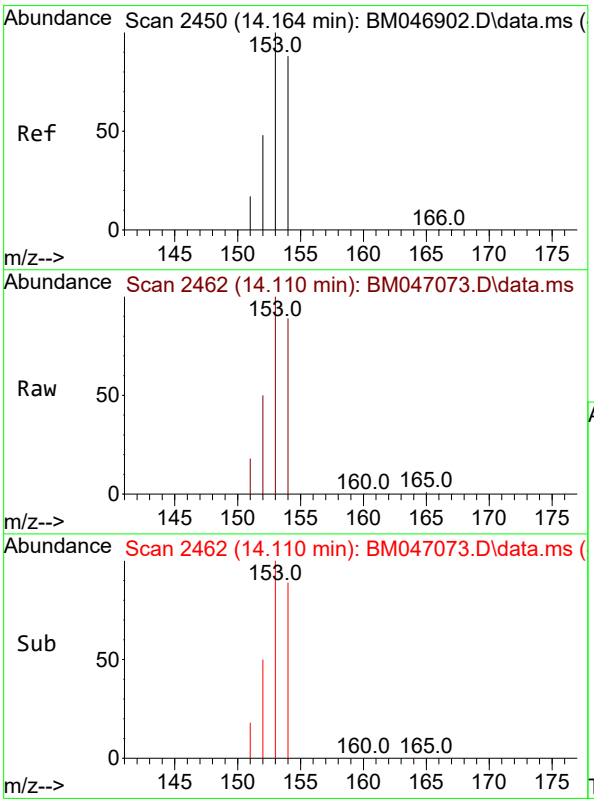
#10
Acenaphthylene
Concen: 0.817 ng/ul
RT: 13.763 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:152 Resp: 42566

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.8	23.6
153	13.4	10.8	16.2

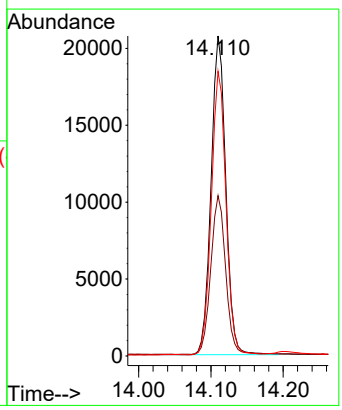


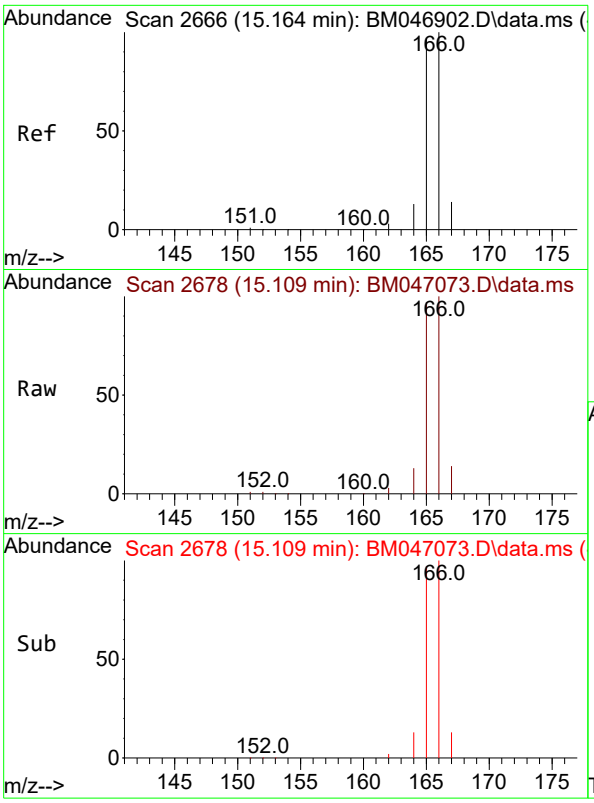


#11
Acenaphthene
Concen: 0.828 ng/ul
RT: 14.110 min Scan# 2462
Delta R.T. 0.000 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Tgt Ion:153 Resp: 29278

Ion	Ratio	Lower	Upper
153	100		
152	50.1	41.6	62.4
154	89.0	71.1	106.7



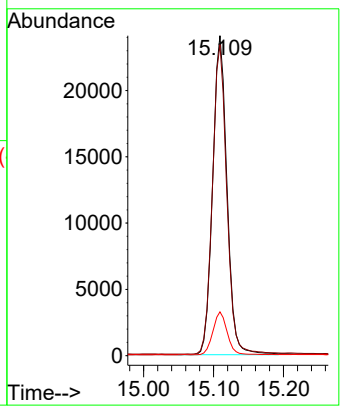


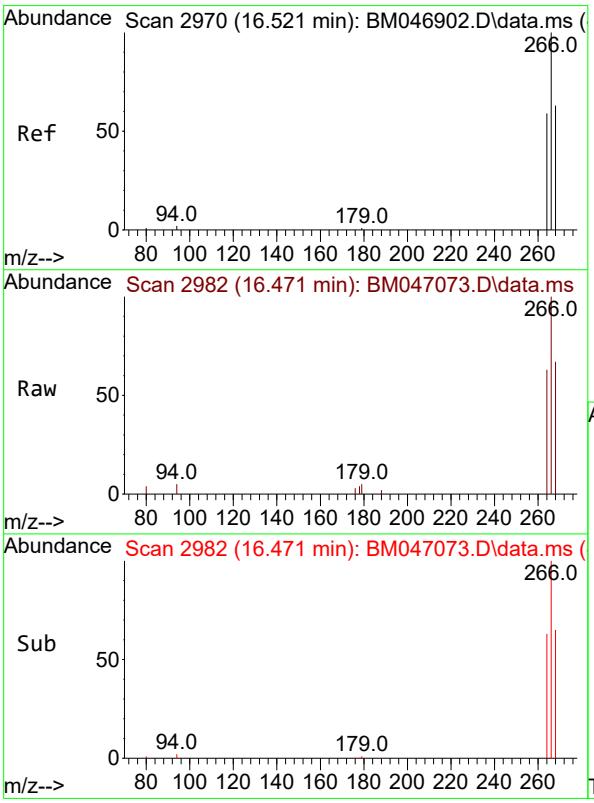
#12
Fluorene
Concen: 0.777 ng/ul
RT: 15.109 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:166 Resp: 34322

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.2	117.2
167	13.7	10.7	16.1

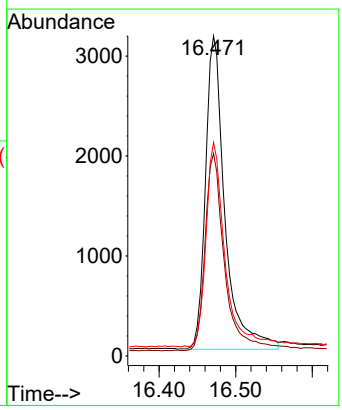


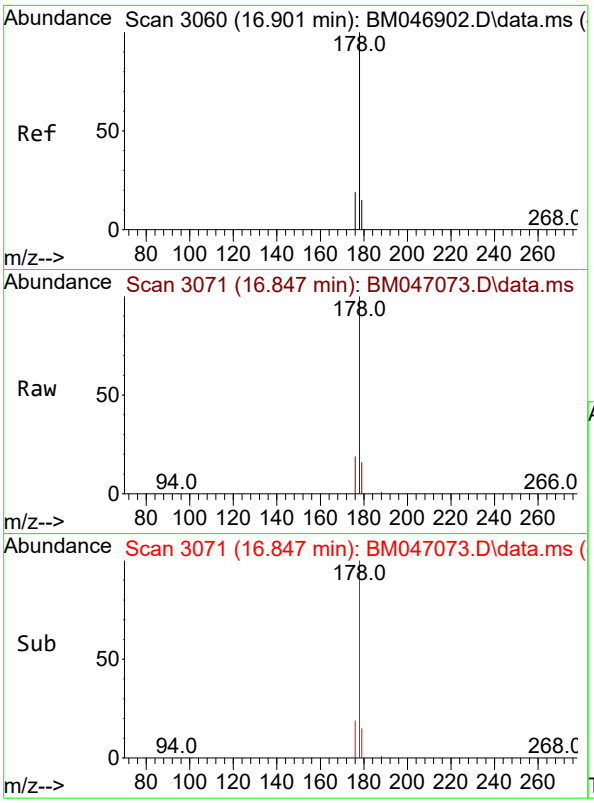


#14
Pentachlorophenol
Concen: 0.552 ng/ul
RT: 16.471 min Scan# 2982
Delta R.T. 0.000 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Tgt Ion:266 Resp: 5519

Ion	Ratio	Lower	Upper
266	100		
264	62.9	47.2	70.8
268	63.7	48.2	72.4



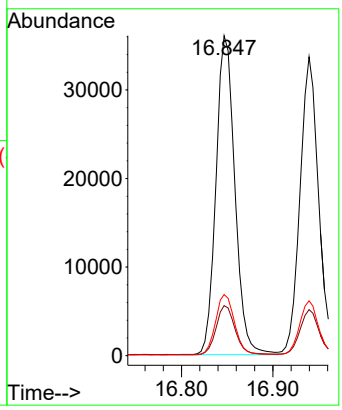


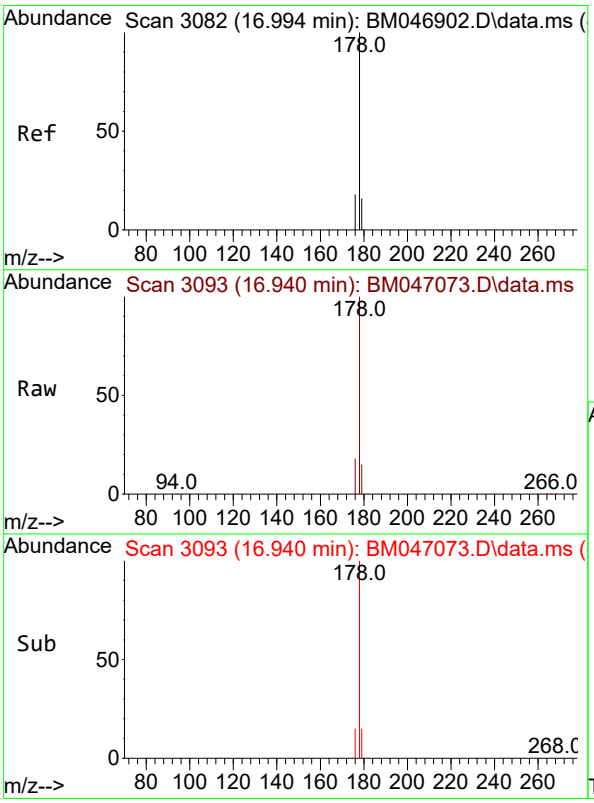
#15
Phenanthrene
Concen: 0.814 ng/ul
RT: 16.847 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:178 Resp: 51687

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

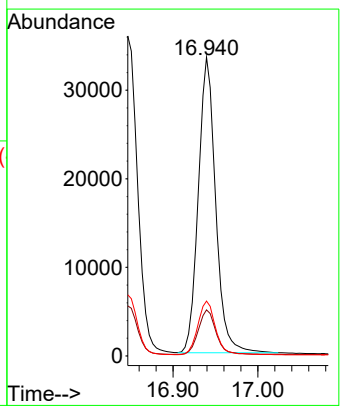


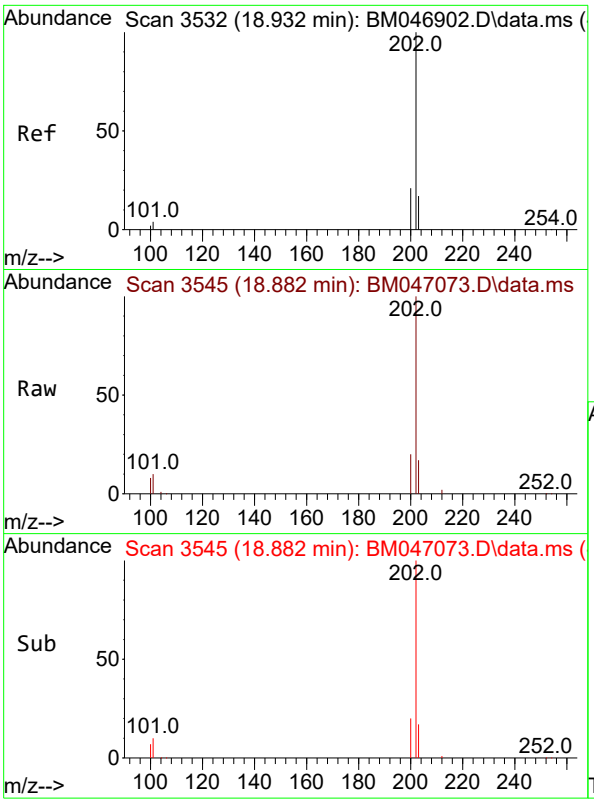


#16
Anthracene
Concen: 0.803 ng/ul
RT: 16.940 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Tgt Ion:178 Resp: 47436

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	18.3	15.2	22.8



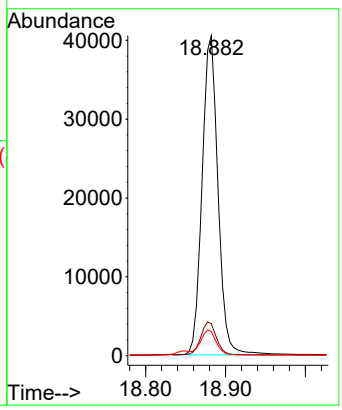


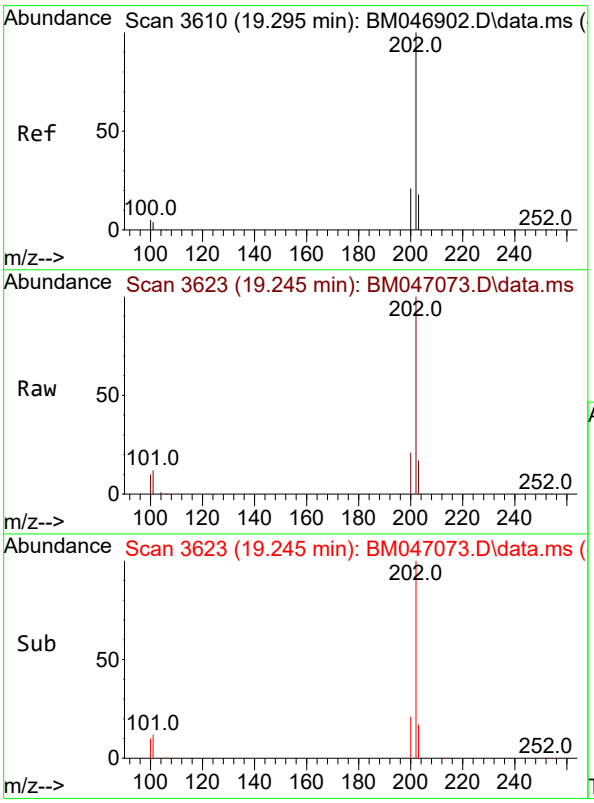
#19
Fluoranthene
Concen: 0.734 ng/ul
RT: 18.882 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:202 Resp: 55913

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.2	12.2
100	7.5	6.0	9.0

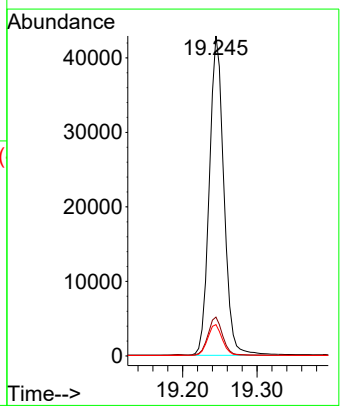


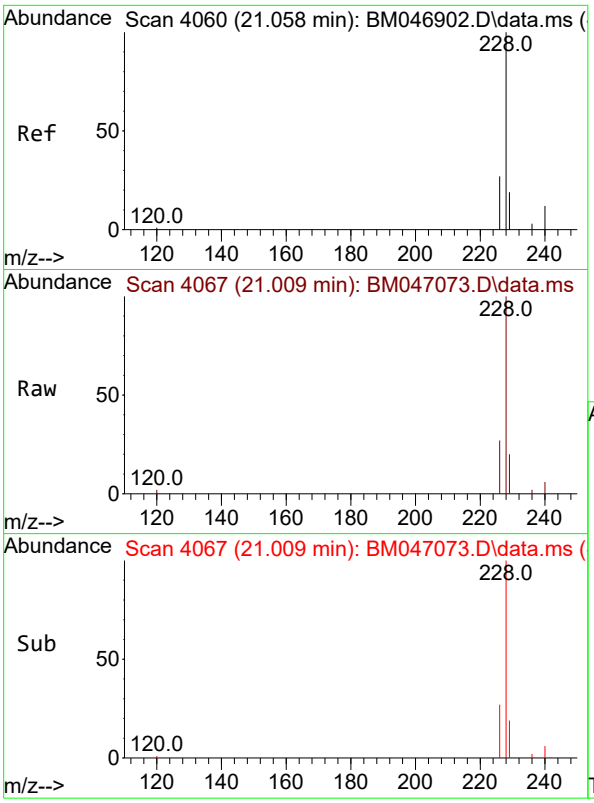


#20
Pyrene
Concen: 0.740 ng/ul
RT: 19.245 min Scan# 3623
Delta R.T. 0.000 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Tgt Ion:202 Resp: 58294

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
100	9.8	8.0	12.0



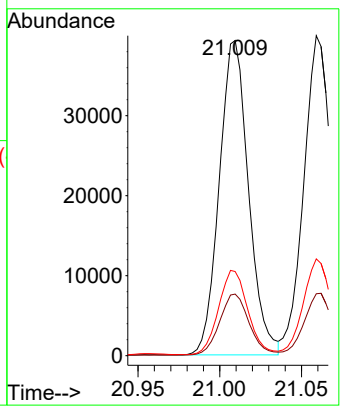


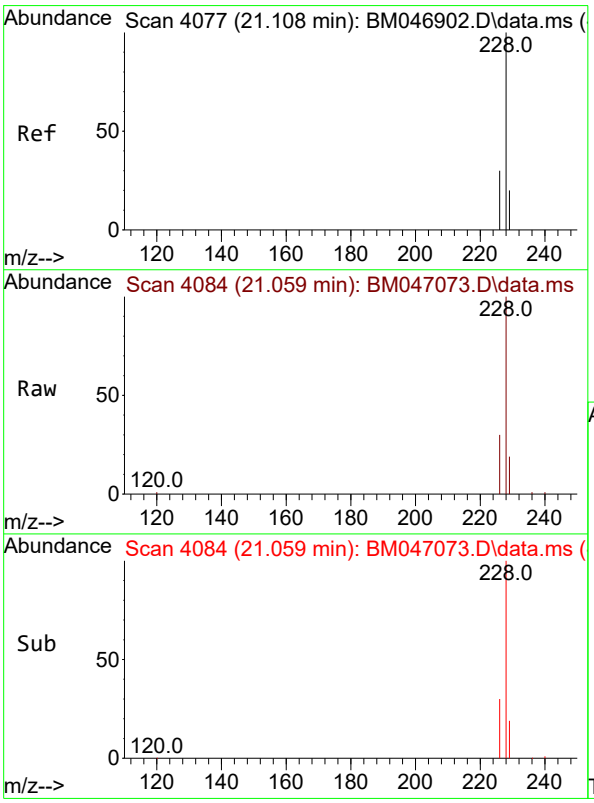
#21
Benzo(a)anthracene
Concen: 0.678 ng/ul
RT: 21.009 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:228 Resp: 49016

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.9	23.9
226	26.7	22.1	33.1

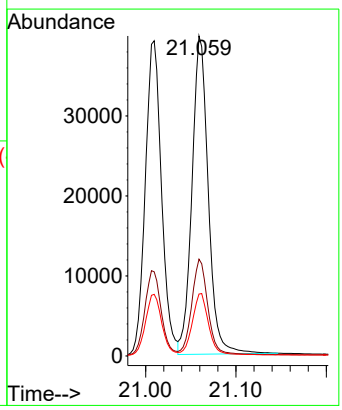


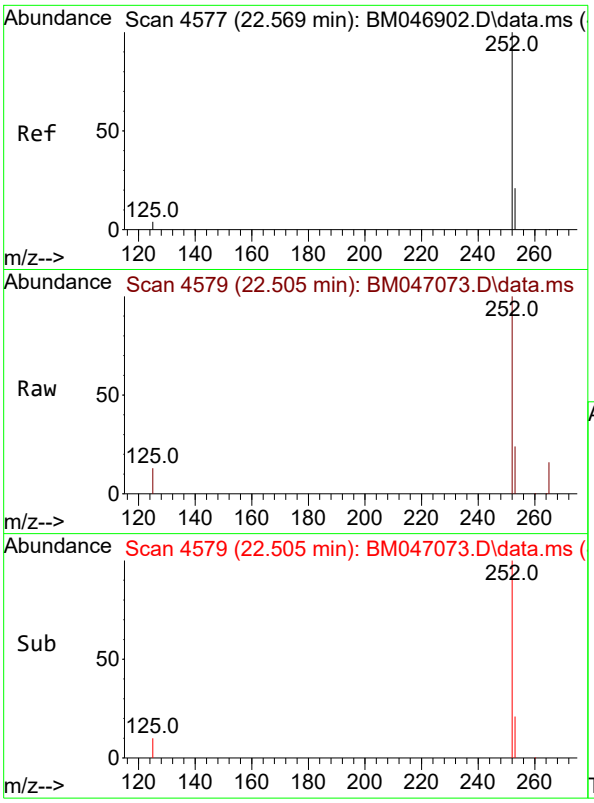


#22
Chrysene
Concen: 0.678 ng/ul
RT: 21.059 min Scan# 4084
Delta R.T. -0.003 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Tgt Ion:228 Resp: 49739

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.4	15.7	23.5



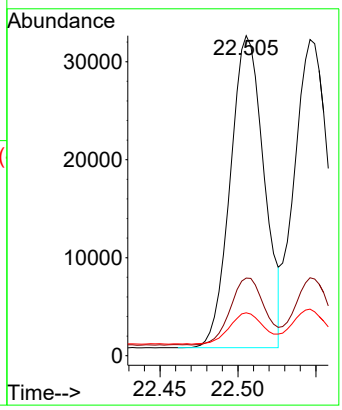


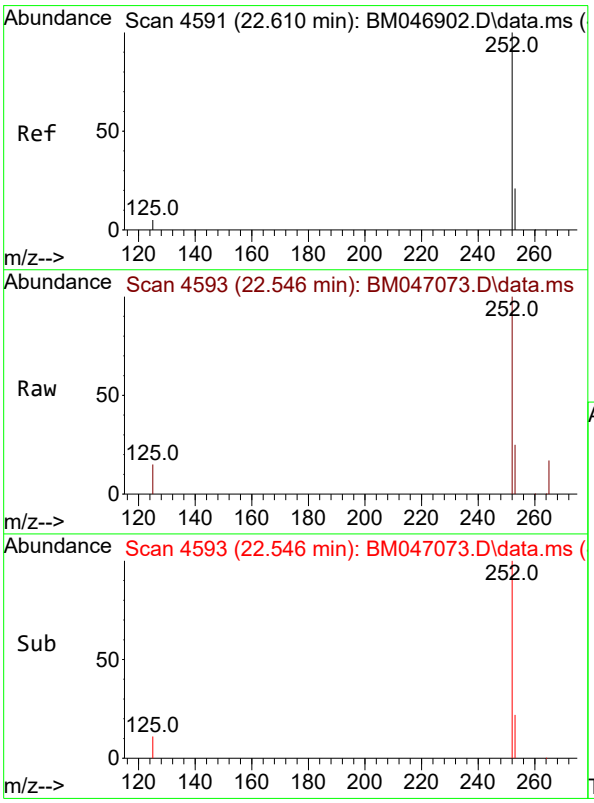
#24
Benzo(b)fluoranthene
Concen: 0.684 ng/ul
RT: 22.505 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:252 Resp: 47938

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	53.4
125	13.4	0.0	32.0

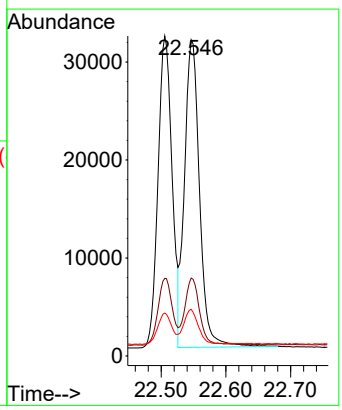


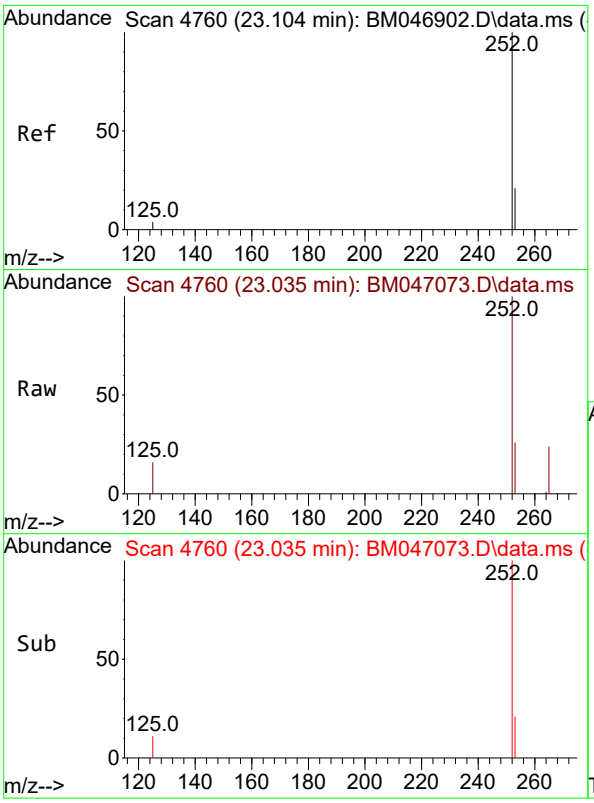


#25
Benzo(k)fluoranthene
Concen: 0.718 ng/ul
RT: 22.546 min Scan# 4593
Delta R.T. -0.003 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Tgt Ion:252 Resp: 50698

Ion	Ratio	Lower	Upper
252	100		
253	24.6	21.1	31.7
125	14.7	13.2	19.8



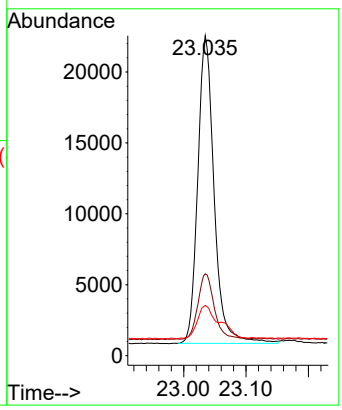


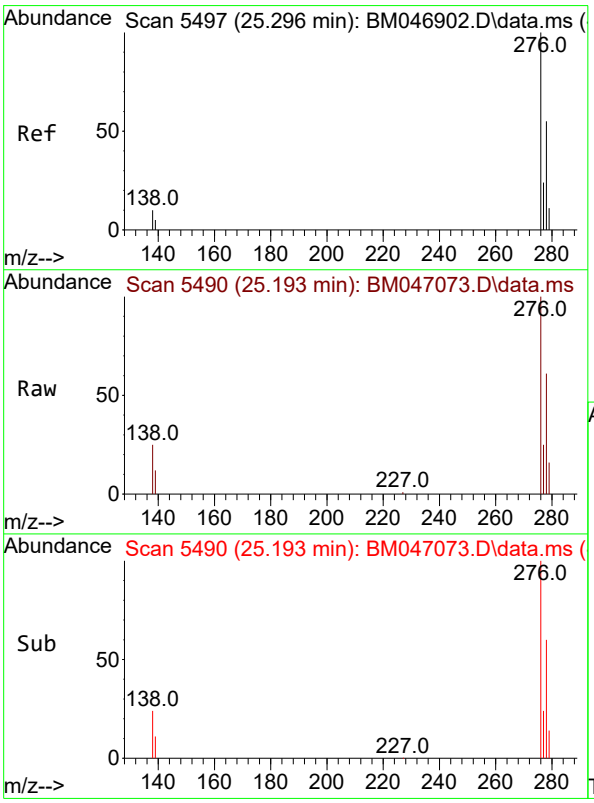
#26
Benzo(a)pyrene
Concen: 0.785 ng/ul
RT: 23.035 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:252 Resp: 39492

Ion	Ratio	Lower	Upper
252	100		
253	25.6	23.6	35.4
125	15.7	15.8	23.6#

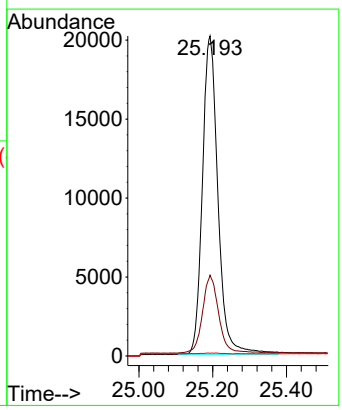


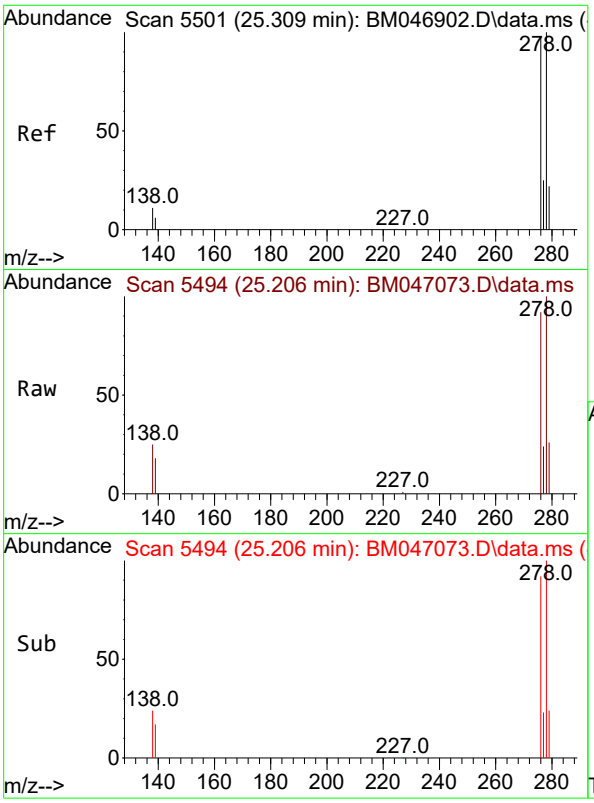


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.761 ng/ul
RT: 25.193 min Scan# 5490
Delta R.T. 0.000 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Tgt Ion:276 Resp: 58906

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.1	30.1
227	0.2	0.2	0.2



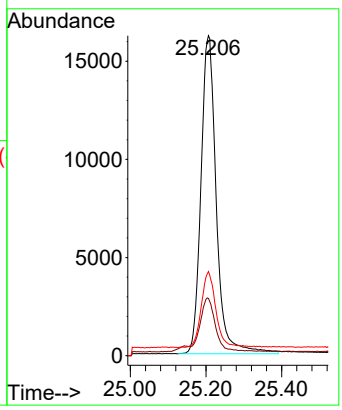


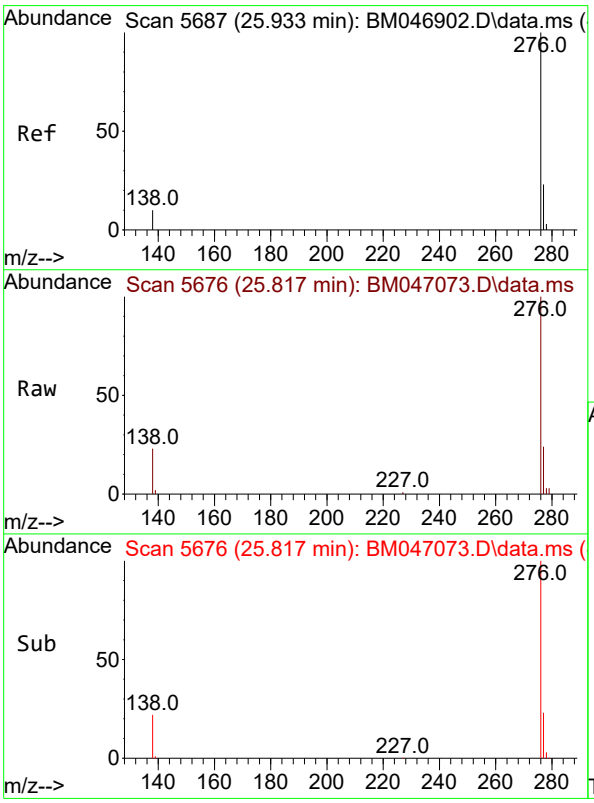
#28
Dibenzo(a,h)anthracene
Concen: 0.806 ng/ul
RT: 25.206 min Scan# 54
Delta R.T. -0.003 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.8004

Tgt Ion:278 Resp: 45666

Ion	Ratio	Lower	Upper
278	100		
139	17.9	14.6	21.8
279	26.3	22.1	33.1





#29
Benzo(g,h,i)perylene
Concen: 0.712 ng/ul
RT: 25.817 min Scan# 5676
Delta R.T. -0.003 min
Lab File: BM047073.D
Acq: 08 Aug 2024 02:39

Tgt Ion:276 Resp: 48561

Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.7	28.1
277	24.3	19.6	29.4