Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092424\
Data File : BM047616.D
Acq On : 24 Sep 2024 18:31
Operator : RC/JU
Sample : SSTD0.890
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Quant Time: Sep 25 02:50:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 02:35:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	7874	0.400	ng/ul	0.00
4) Naphthalene-d8	10.623	136	23464	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.460	164	11463	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	21928	0.400	ng/ul	0.00
17) Chrysene-d12	21.362	240	17817	0.400	ng/ul	0.00
23) Perylene-d12	23.642	264	18376	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.273	96	8254	1.040	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.212	152	26081	0.745	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	42832	0.832	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.307	88	9664	1.089	ng/ul	93
5) Naphthalene	10.672	128	51150	0.834	ng/ul	99
7) 2-Methylnaphthalene	12.289	142	31131	0.778	ng/ul	100
8) 1-Methylnaphthalene	12.504	142	32279	0.772	ng/ul	100
10) Acenaphthylene	14.178	152	45379	0.853	ng/ul	99
11) Acenaphthene	14.525	153	31400	0.867	ng/ul	99
12) Fluorene	15.510	166	34583	0.821	ng/ul	99
14) Pentachlorophenol	16.850	266	4826	0.691	ng/ul	99
15) Phenanthrene	17.238	178	52446	0.830	ng/ul	99
16) Anthracene	17.331	178	47723	0.846	ng/ul	99
19) Fluoranthene	19.248	202	57505	0.796	ng/ul	99
20) Pyrene	19.606	202	60387	0.799	ng/ul	99
21) Benzo(a)anthracene	21.344	228	52798	0.807	ng/ul	100
22) Chrysene	21.397	228	53627	0.773	ng/ul	99
24) Benzo(b)fluoranthene	22.954	252	58014	0.795	ng/ul	96
25) Benzo(k)fluoranthene	22.998	252	58703	0.769	ng/ul	94
26) Benzo(a)pyrene	23.542	252	47203	0.819	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.963	276	72326	0.825	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.980	278	55604	0.816	ng/ul	97
29) Benzo(g,h,i)perylene	26.671	276	57323	0.790	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092424\
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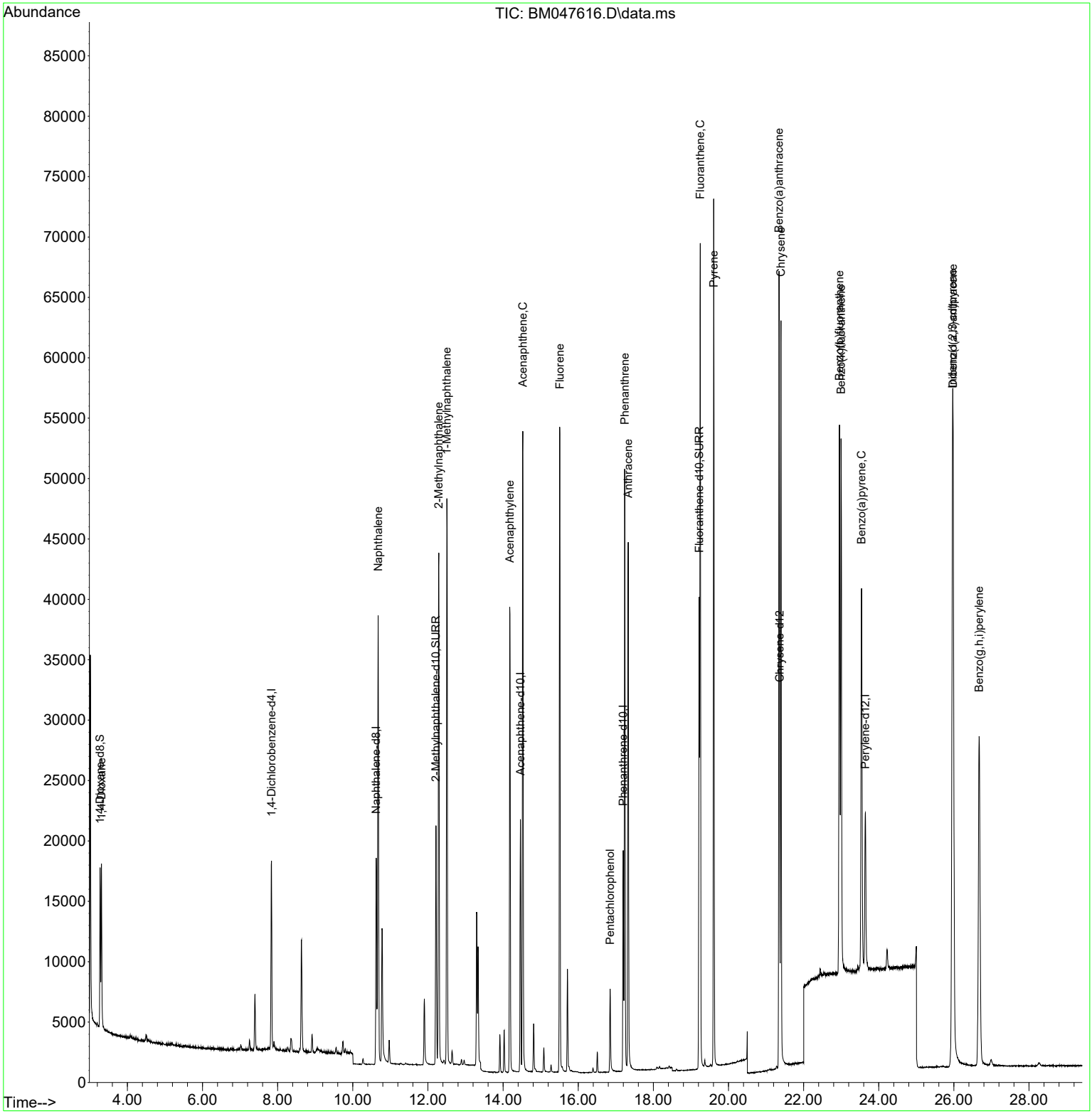
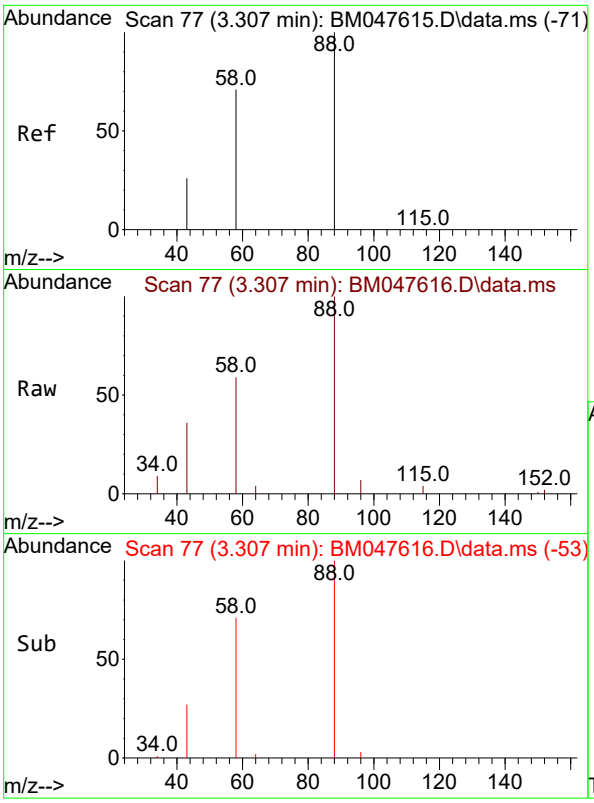


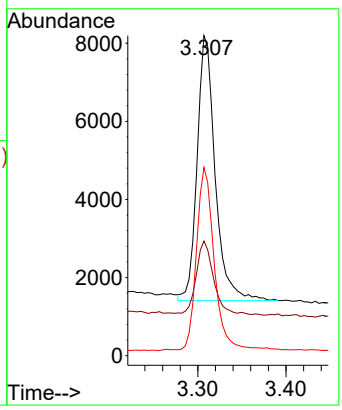


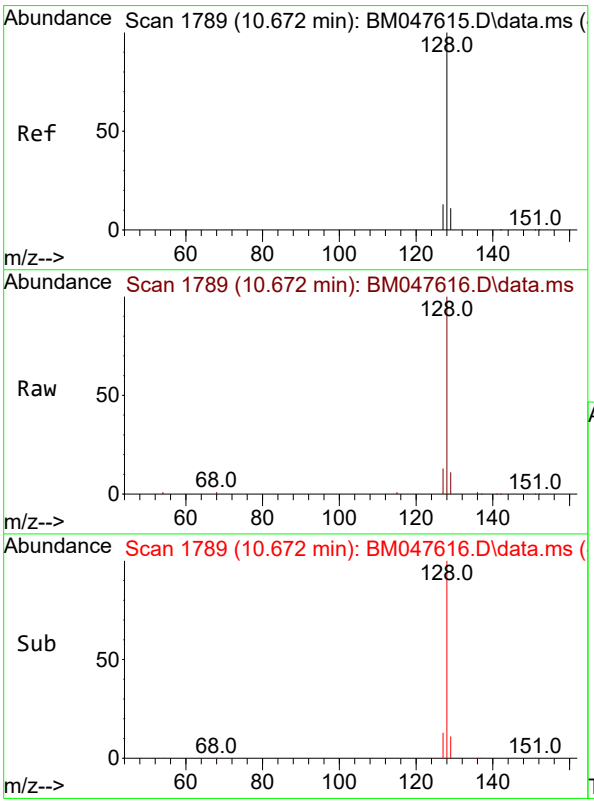
#2
1,4-Dioxane
Concen: 1.089 ng/ul
RT: 3.307 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion: 88 Resp: 9664

Ion	Ratio	Lower	Upper
88	100		
43	35.8	30.4	45.6
58	58.8	41.7	62.5

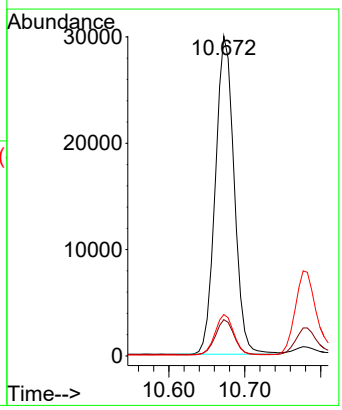


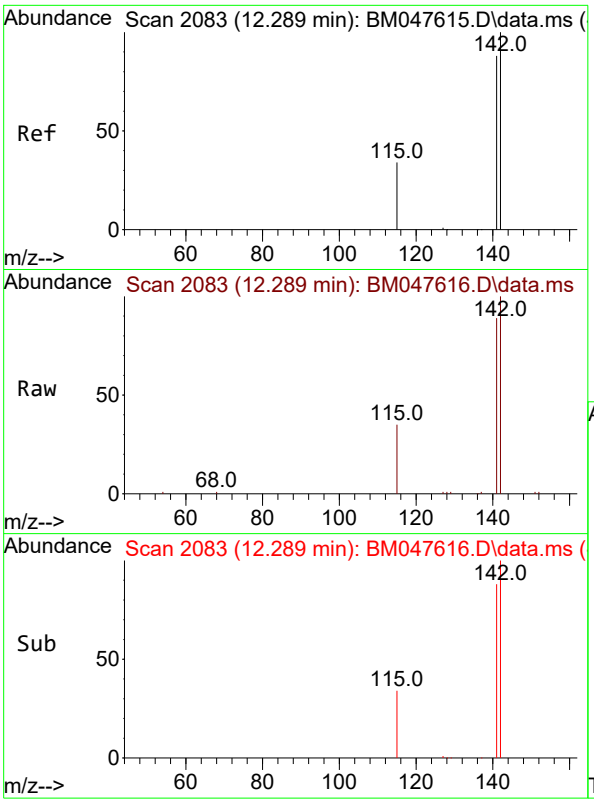


#5
Naphthalene
Concen: 0.834 ng/ul
RT: 10.672 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Tgt Ion:128 Resp: 51150

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.0	10.6	16.0



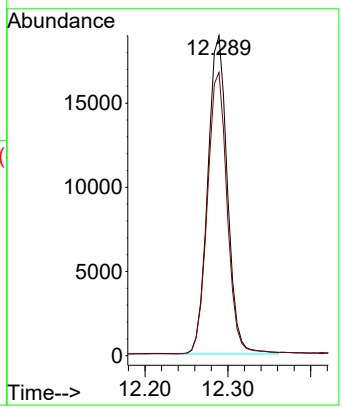


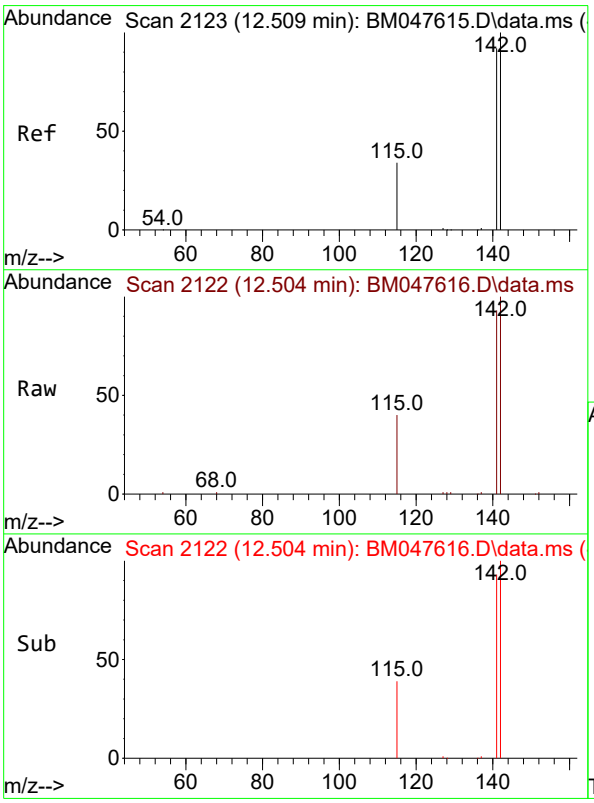
#7
2-Methylnaphthalene
Concen: 0.778 ng/ul
RT: 12.289 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:142 Resp: 31131

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9

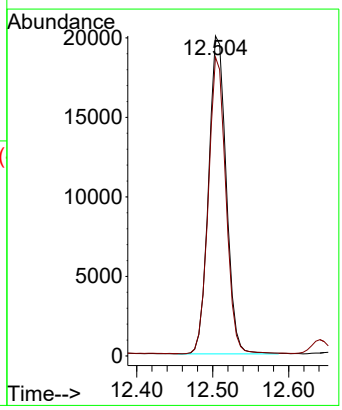


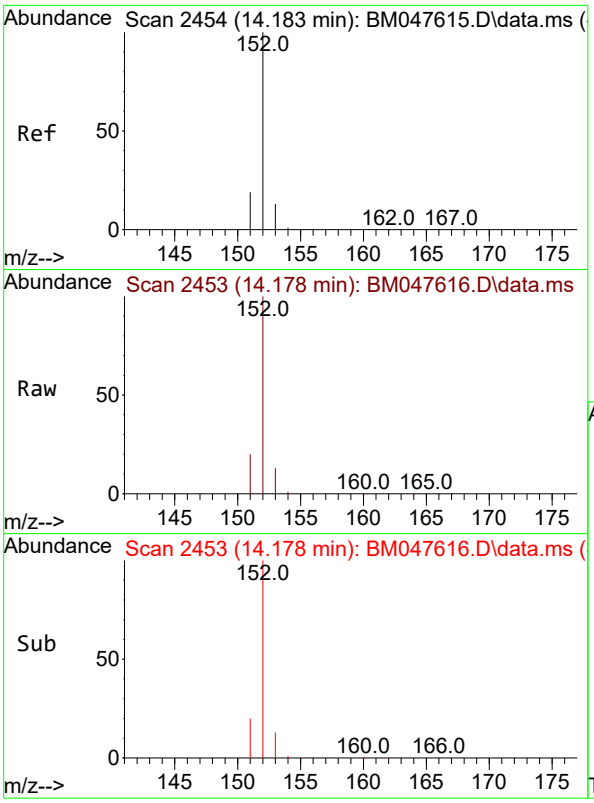


#8
1-Methylnaphthalene
Concen: 0.772 ng/ul
RT: 12.504 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Tgt Ion:142 Resp: 32279

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.9	110.9



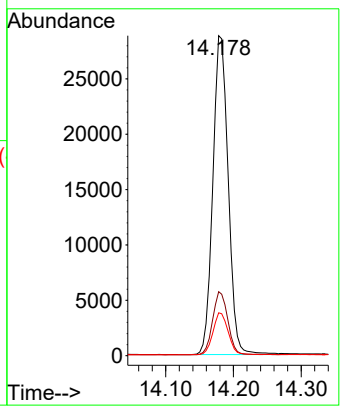


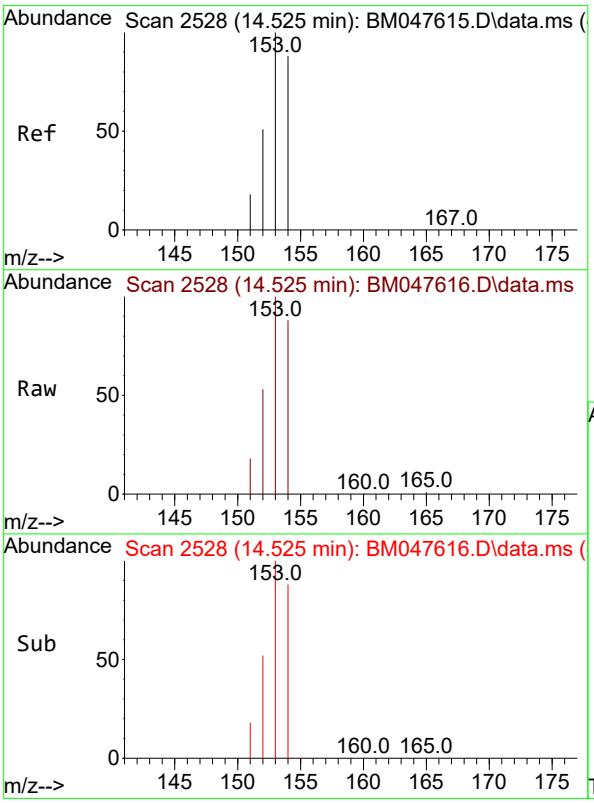
#10
Acenaphthylene
Concen: 0.853 ng/ul
RT: 14.178 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:152 Resp: 45379

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.6	23.4
153	13.4	10.7	16.1

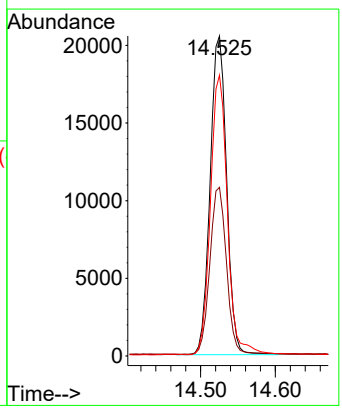


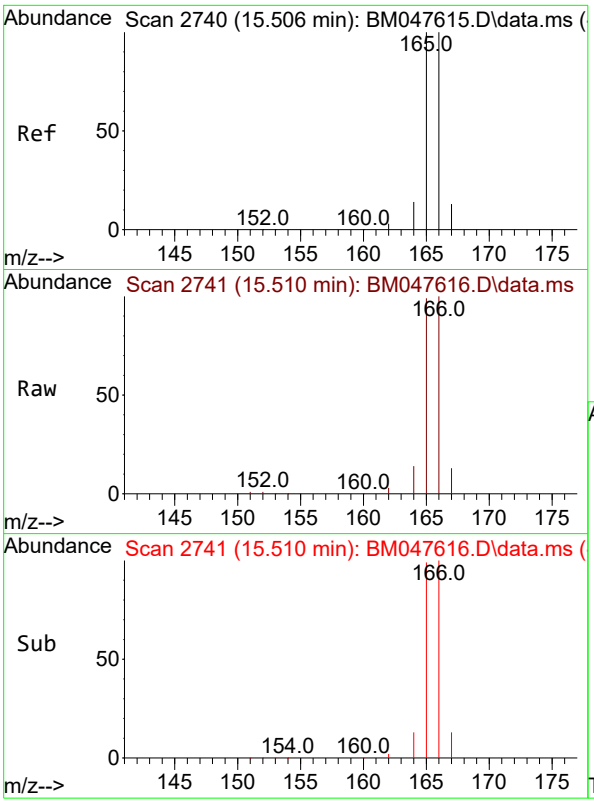


#11
Acenaphthene
Concen: 0.867 ng/ul
RT: 14.525 min Scan# 2528
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Tgt Ion:153 Resp: 31400

Ion	Ratio	Lower	Upper
153	100		
152	52.7	41.4	62.2
154	87.7	70.3	105.5



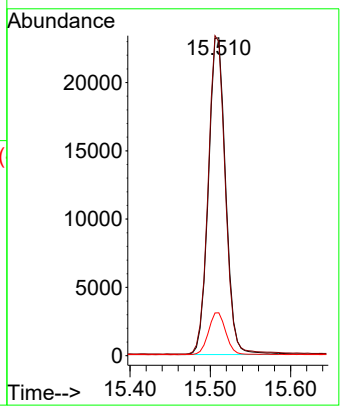


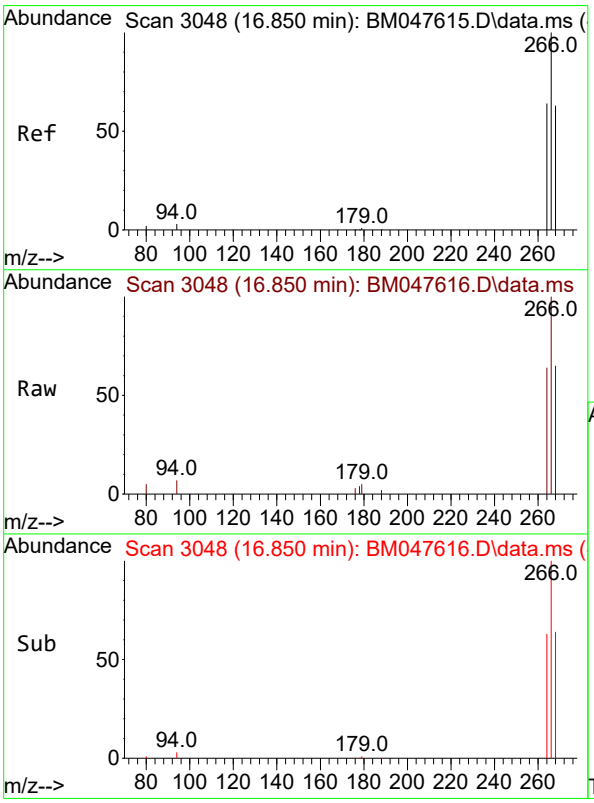
#12
Fluorene
Concen: 0.821 ng/ul
RT: 15.510 min Scan# 2
Delta R.T. 0.005 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:166 Resp: 34583

Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.2	120.4
167	13.5	11.0	16.4

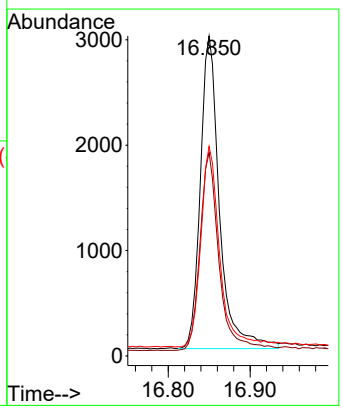


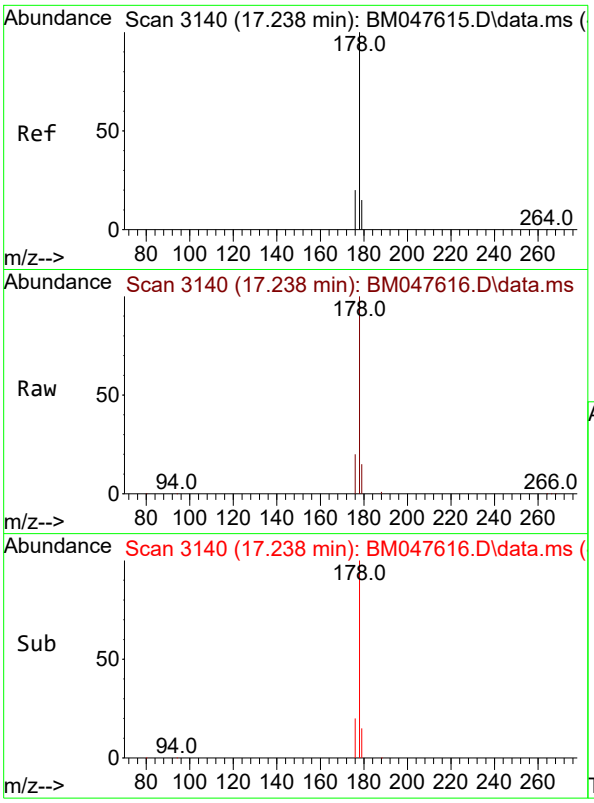


#14
Pentachlorophenol
Concen: 0.691 ng/ul
RT: 16.850 min Scan# 3048
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Tgt Ion:266 Resp: 4826

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.3	75.5
268	63.4	52.2	78.4



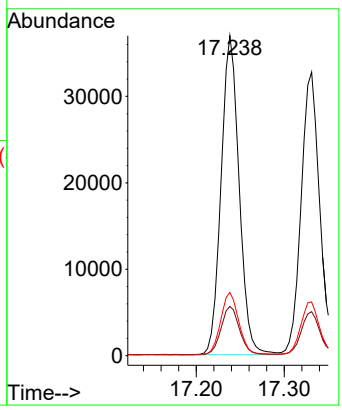


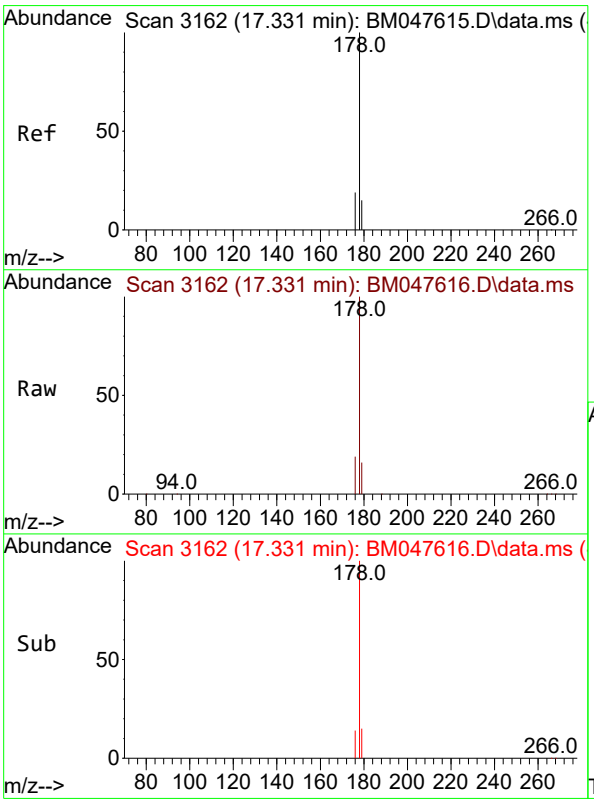
#15
Phenanthrene
Concen: 0.830 ng/ul
RT: 17.238 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:178 Resp: 52446

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	19.7	16.1	24.1

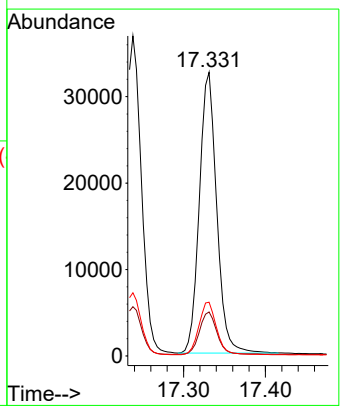


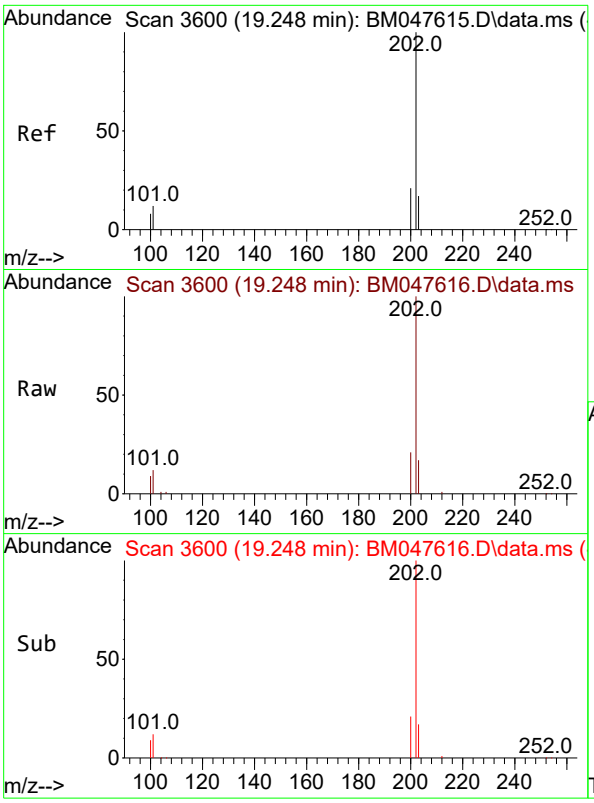


#16
Anthracene
Concen: 0.846 ng/ul
RT: 17.331 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Tgt Ion:178 Resp: 47723

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.9	19.3
176	18.9	15.4	23.2



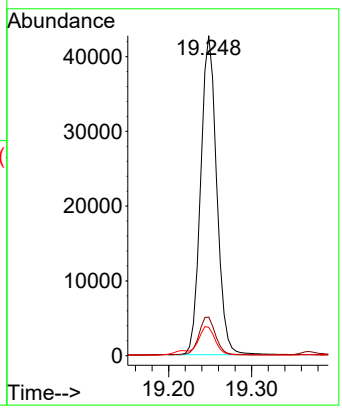


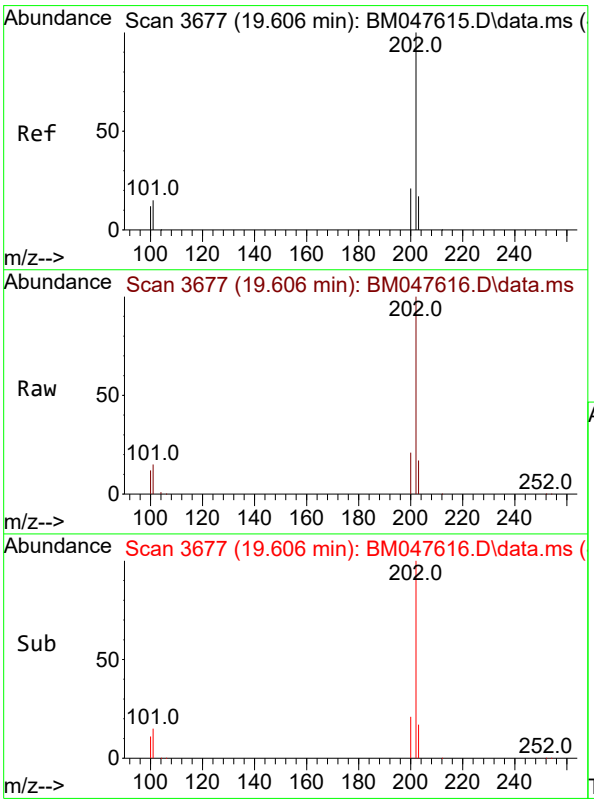
#19
Fluoranthene
Concen: 0.796 ng/ul
RT: 19.248 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:202 Resp: 57505

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	8.9	7.5	11.3

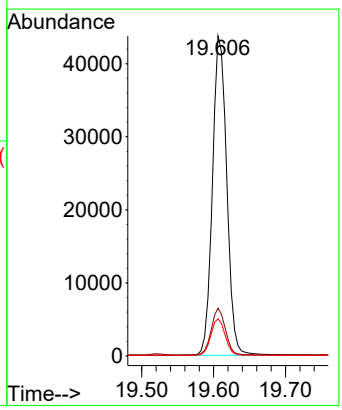


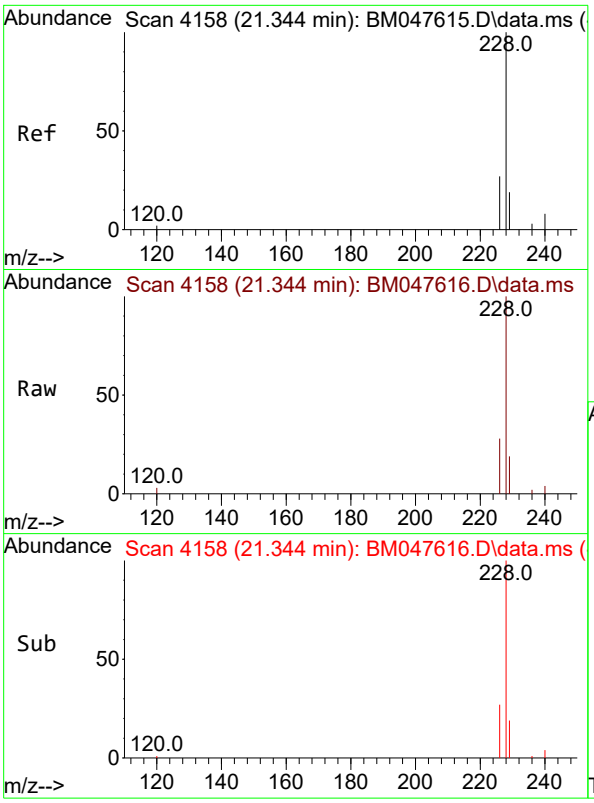


#20
Pyrene
Concen: 0.799 ng/ul
RT: 19.606 min Scan# 3677
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Tgt Ion:202 Resp: 60387

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.1	18.1
100	11.6	9.7	14.5



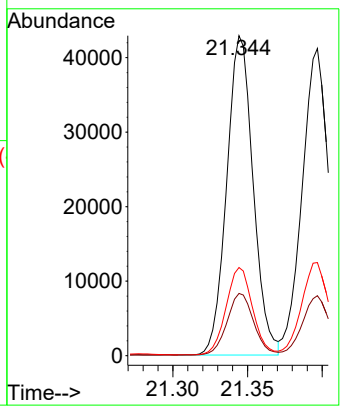


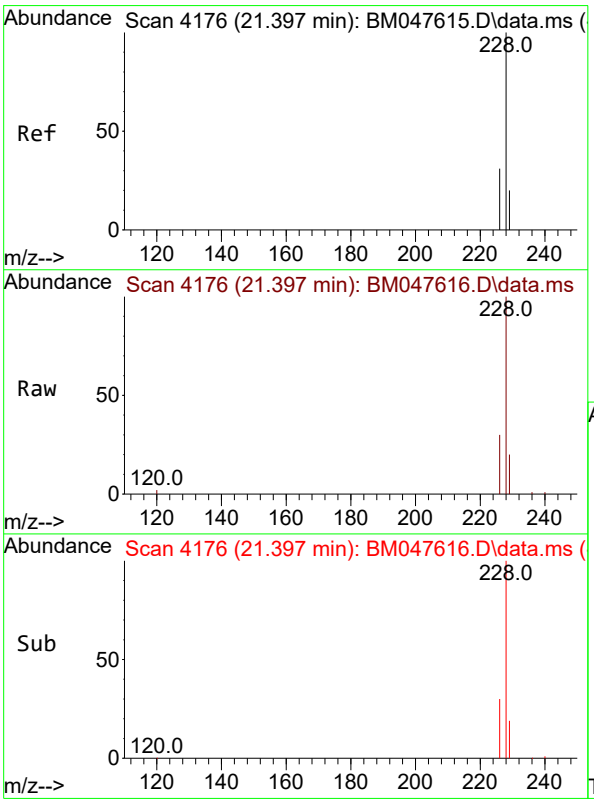
#21
Benzo(a)anthracene
Concen: 0.807 ng/ul
RT: 21.344 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:228 Resp: 52798

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	27.5	22.2	33.4

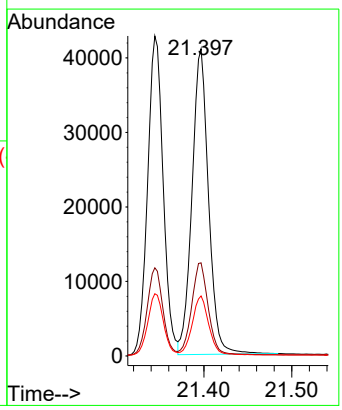


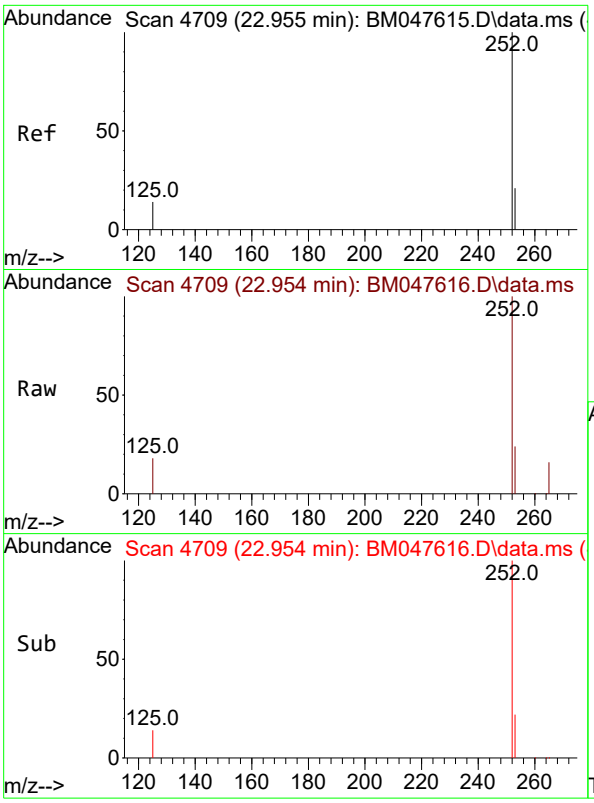


#22
Chrysene
Concen: 0.773 ng/ul
RT: 21.397 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Tgt Ion:228 Resp: 53627

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	19.5	16.2	24.4



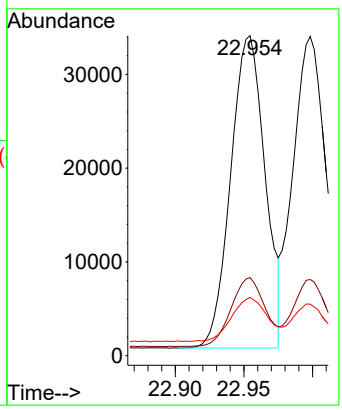


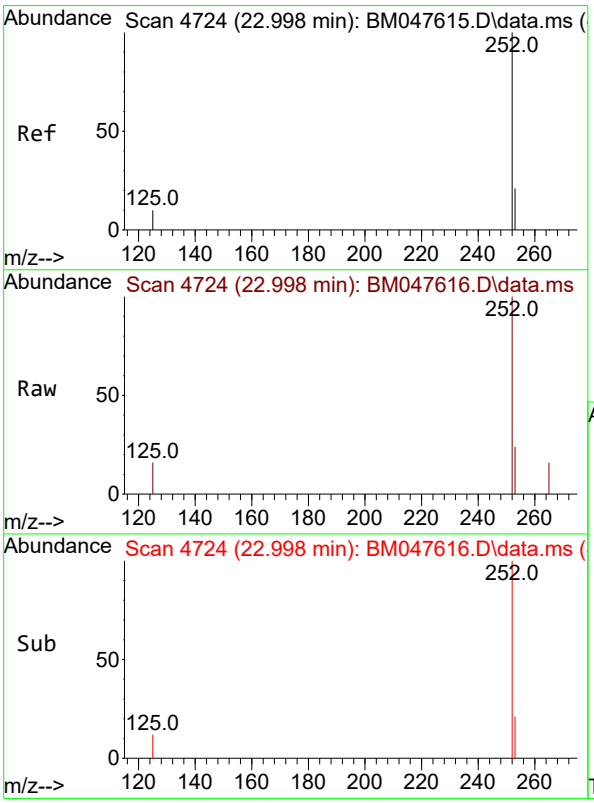
#24
Benzo(b)fluoranthene
Concen: 0.795 ng/ul
RT: 22.954 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:252 Resp: 58014

Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	51.6
125	18.2	0.0	42.4

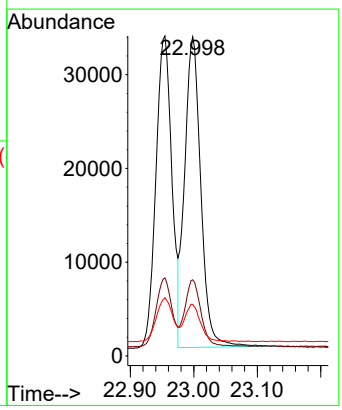


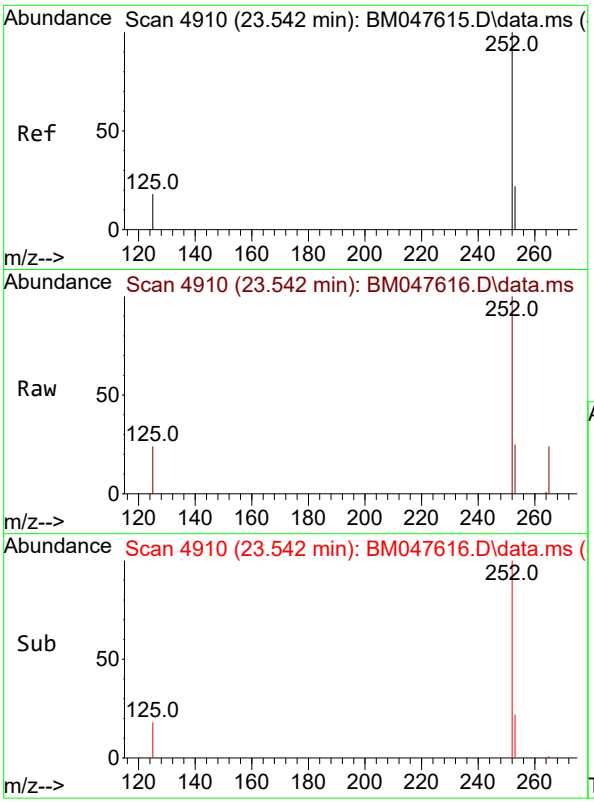


#25
Benzo(k)fluoranthene
Concen: 0.769 ng/ul
RT: 22.998 min Scan# 4724
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Tgt Ion:252 Resp: 58703

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.6	31.0
125	16.2	15.9	23.9



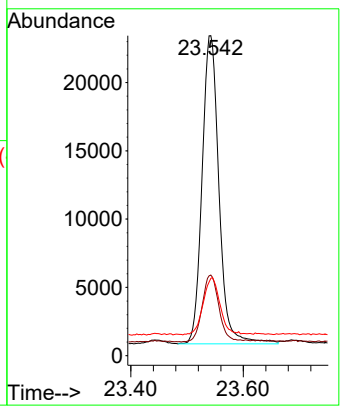


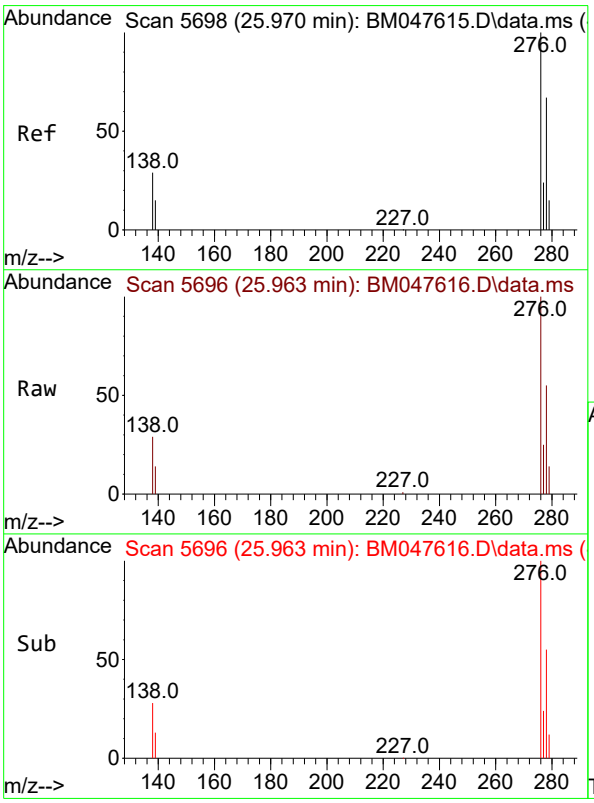
#26
Benzo(a)pyrene
Concen: 0.819 ng/ul
RT: 23.542 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:252 Resp: 47203

Ion	Ratio	Lower	Upper
252	100		
253	25.2	22.6	33.8
125	24.2	23.0	34.6

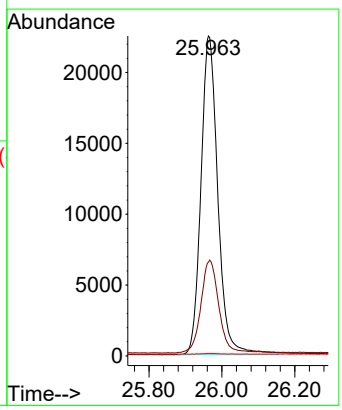


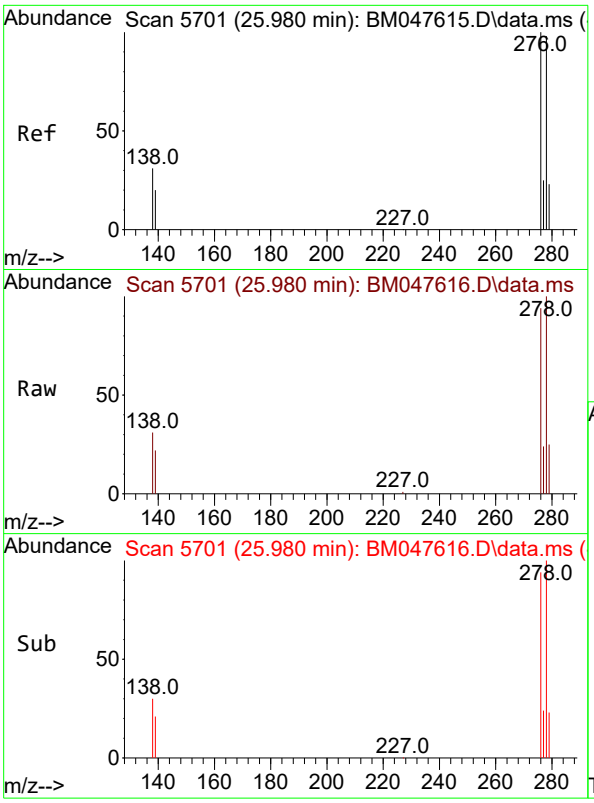


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.825 ng/ul
RT: 25.963 min Scan# 5696
Delta R.T. -0.007 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Tgt Ion:276 Resp: 72326

Ion	Ratio	Lower	Upper
276	100		
138	30.8	24.6	37.0
227	0.2	0.2	0.4#



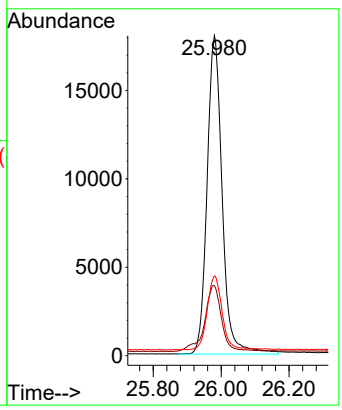


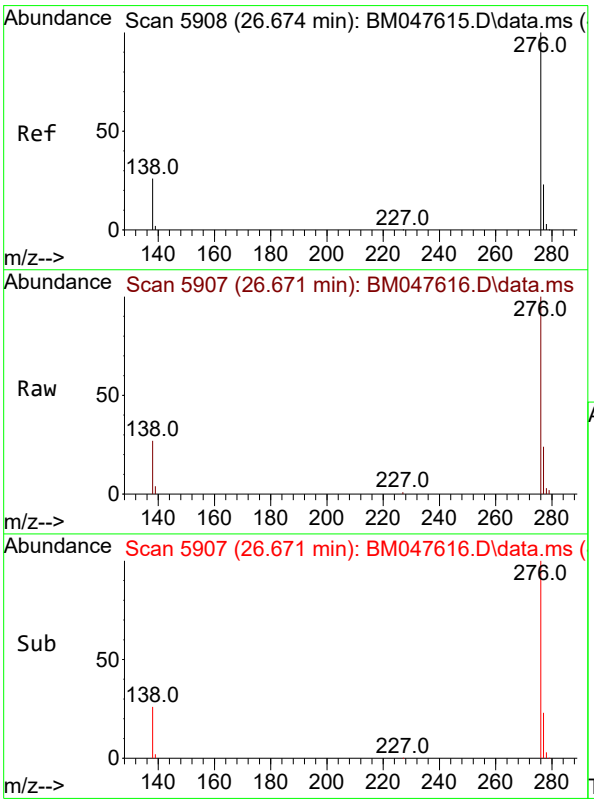
#28
Dibenzo(a,h)anthracene
Concen: 0.816 ng/ul
RT: 25.980 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Instrument :
BNA_M
ClientSampleId :
SSTD0.8011

Tgt Ion:278 Resp: 55604

Ion	Ratio	Lower	Upper
278	100		
139	21.9	18.6	28.0
279	24.9	21.5	32.3





#29
Benzo(g,h,i)perylene
Concen: 0.790 ng/ul
RT: 26.671 min Scan# 5907
Delta R.T. -0.003 min
Lab File: BM047616.D
Acq: 24 Sep 2024 18:31

Tgt Ion:276 Resp: 57323

Ion	Ratio	Lower	Upper
276	100		
138	27.1	22.5	33.7
277	24.1	19.8	29.6