Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101922\
Data File : BM037146.D
Acq On : 19 Oct 2022 11:05
Operator : CG/JU
Sample : SSTD0.173
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

Quant Time: Oct 20 02:00:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 01:35:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.909	152	4025	0.400	ng/ul	0.00
4) Naphthalene-d8	10.710	136	11120	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.539	164	5501	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.276	188	12533	0.400	ng/ul	0.00
17) Chrysene-d12	21.455	240	10948	0.400	ng/ul	0.00
23) Perylene-d12	23.834	264	10383	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	491	0.087	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.299	152	1471	0.088	ng/ul	0.00
18) Fluoranthene-d10	19.304	212	3208	0.098	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.357	88	623	0.112	ng/ul#	77
5) Naphthalene	10.759	128	3190	0.100	ng/ul#	93
7) 2-Methylnaphthalene	12.376	142	1807	0.093	ng/ul	99
8) 1-Methylnaphthalene	12.591	142	1861	0.094	ng/ul	99
10) Acenaphthylene	14.261	152	2312	0.101	ng/ul#	93
11) Acenaphthene	14.599	153	2072	0.104	ng/ul	98
12) Fluorene	15.589	166	2424	0.108	ng/ul	97
14) Pentachlorophenol	16.943	266	243	0.080	ng/ul	92
15) Phenanthrene	17.323	178	4132	0.103	ng/ul	96
16) Anthracene	17.415	178	3096	0.093	ng/ul#	92
19) Fluoranthene	19.332	202	4482	0.103	ng/ul#	94
20) Pyrene	19.694	202	4671	0.103	ng/ul#	93
21) Benzo(a)anthracene	21.441	228	4169	0.105	ng/ul	98
22) Chrysene	21.490	228	4943	0.116	ng/ul	98
24) Benzo(b)fluoranthene	23.106	252	5437	0.117	ng/ul	75
25) Benzo(k)fluoranthene	23.156	252	5091	0.113	ng/ul#	74
26) Benzo(a)pyrene	23.726	252	4405	0.117	ng/ul#	64
27) Indeno(1,2,3-cd)pyrene	26.298	276	5954	0.112	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.319	278	4586	0.106	ng/ul#	86
29) Benzo(g,h,i)perylene	27.056	276	5309	0.113	ng/ul	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101922\
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Instrument :
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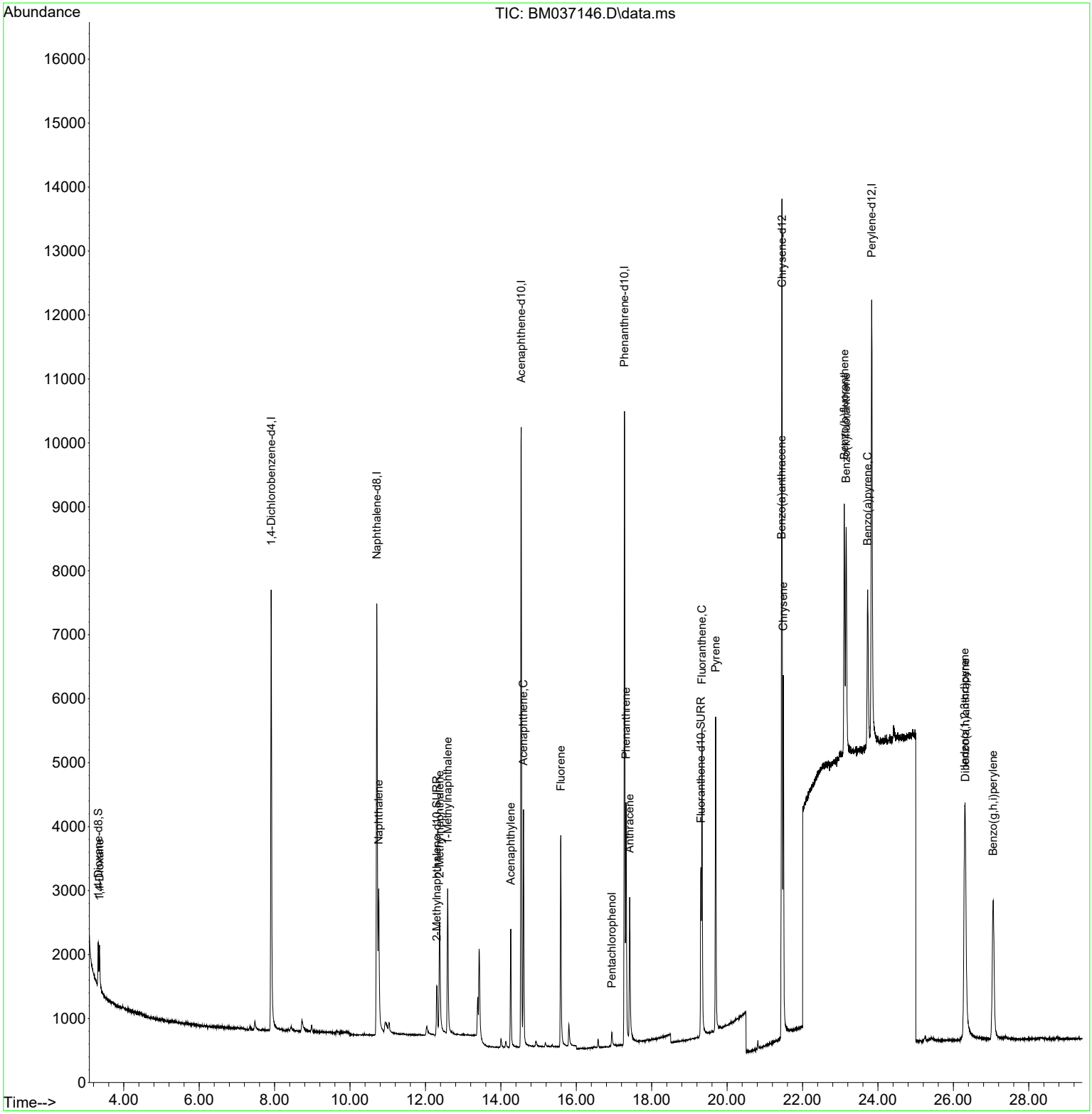
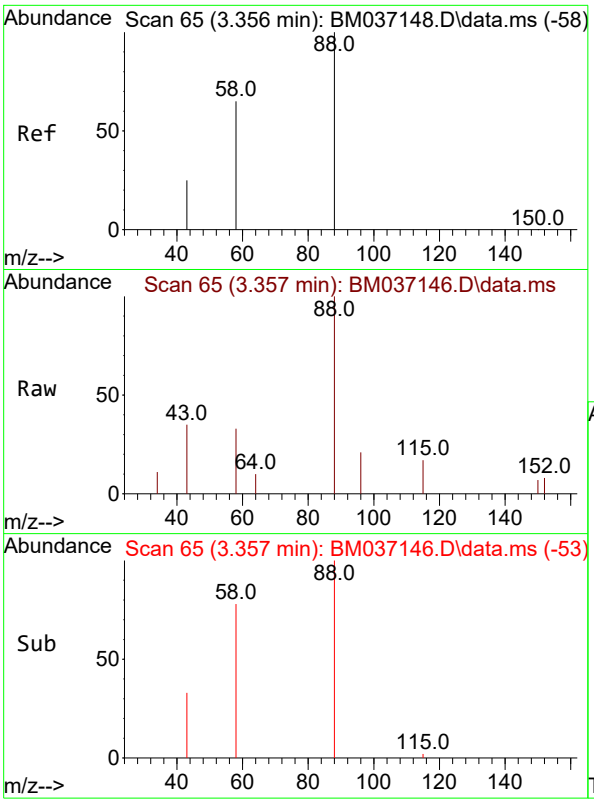
Quant Time: Oct 20 02:00:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 01:35:54 2022
Response via : Initial Calibration



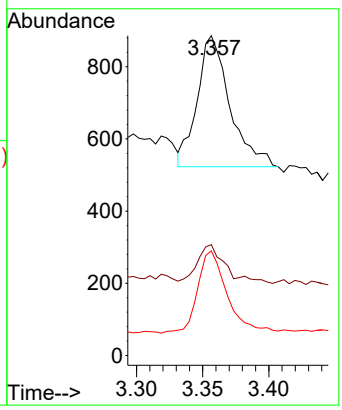


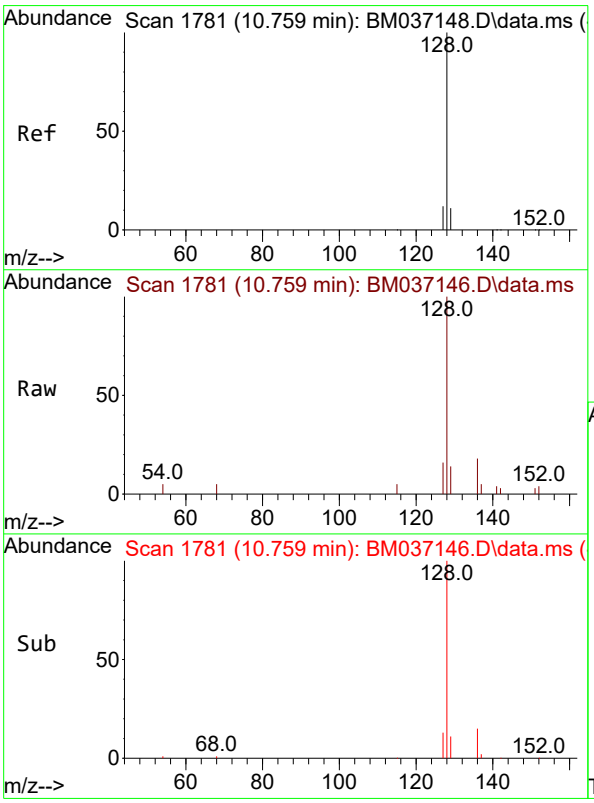
#2
1,4-Dioxane
Concen: 0.112 ng/ul
RT: 3.357 min Scan# 6
Delta R.T. 0.001 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

Tgt Ion: 88 Resp: 623

Ion	Ratio	Lower	Upper
88	100		
43	34.7	25.5	38.3
58	32.7	45.8	68.6#

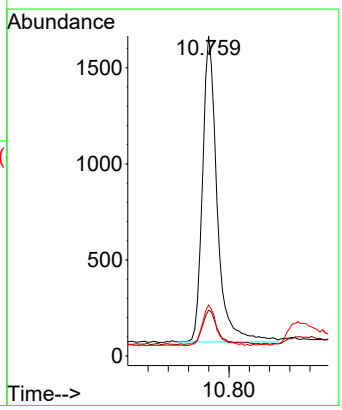


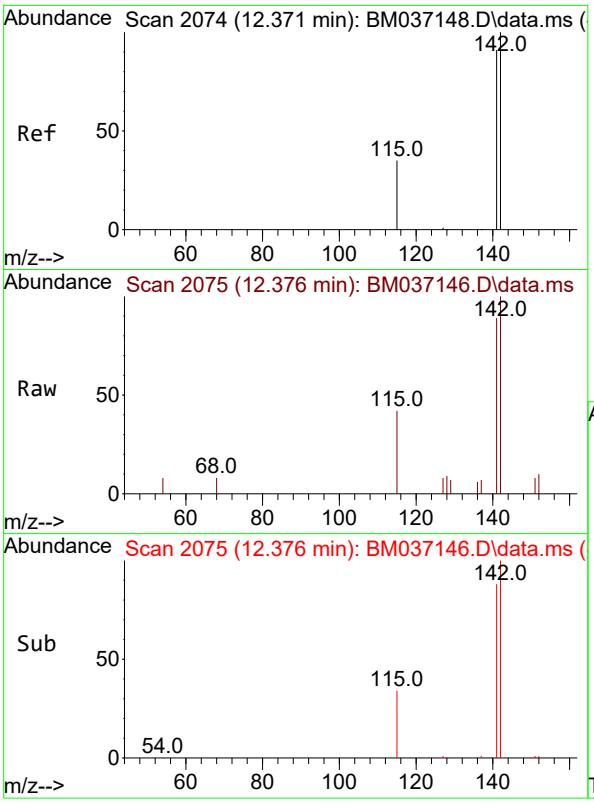


#5
Naphthalene
Concen: 0.100 ng/ul
RT: 10.759 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Tgt Ion:128 Resp: 3190

Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.3	13.9#
127	15.9	10.5	15.7#



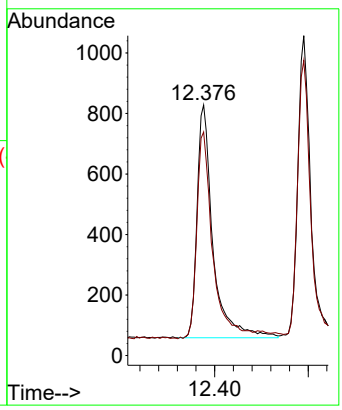


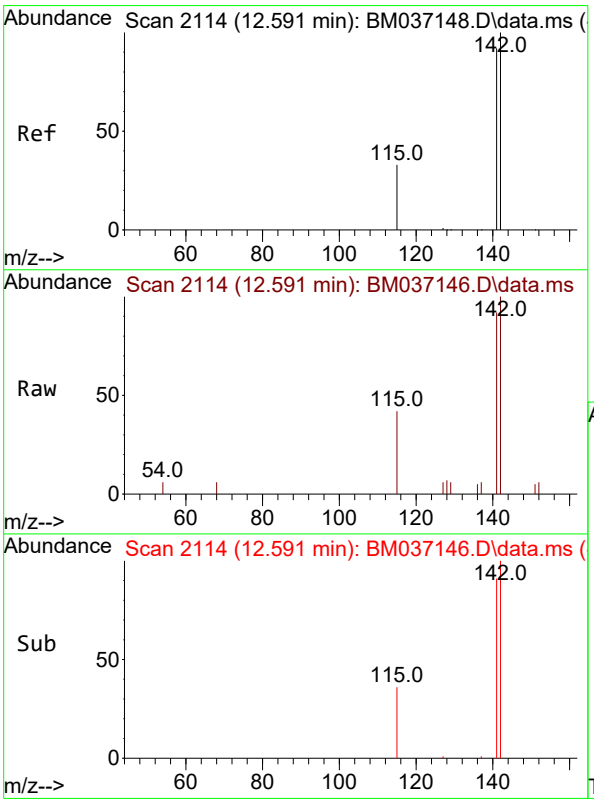
#7
2-Methylnaphthalene
Concen: 0.093 ng/ul
RT: 12.376 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

Tgt Ion:142 Resp: 1807

Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.8	109.2

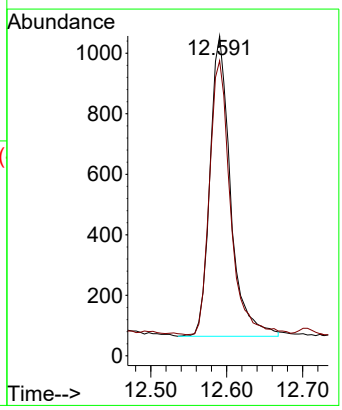


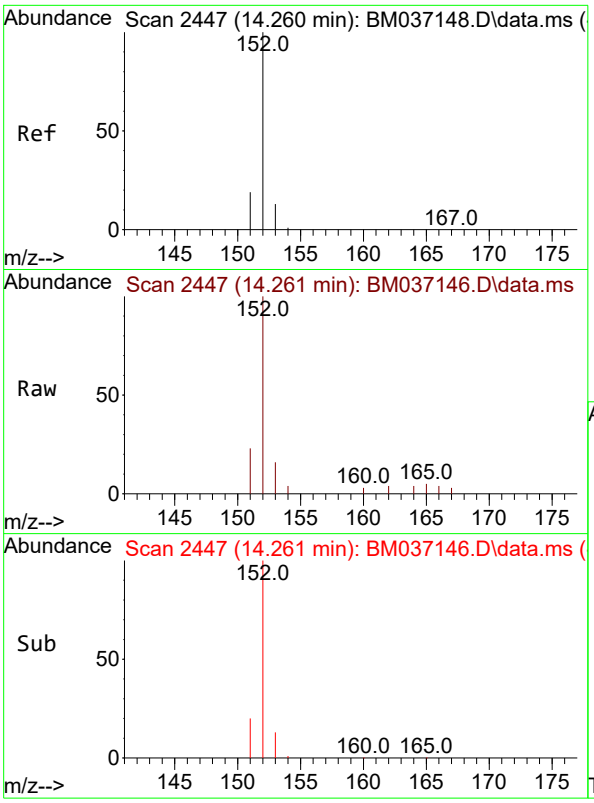


#8
1-Methylnaphthalene
Concen: 0.094 ng/ul
RT: 12.591 min Scan# 2114
Delta R.T. 0.000 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Tgt Ion:142 Resp: 1861

Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.2	111.4



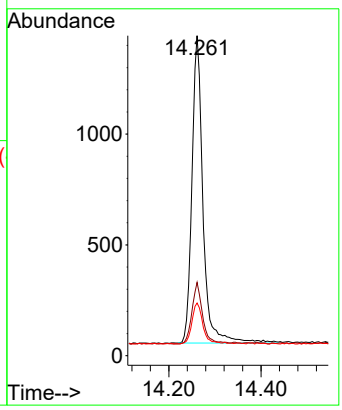


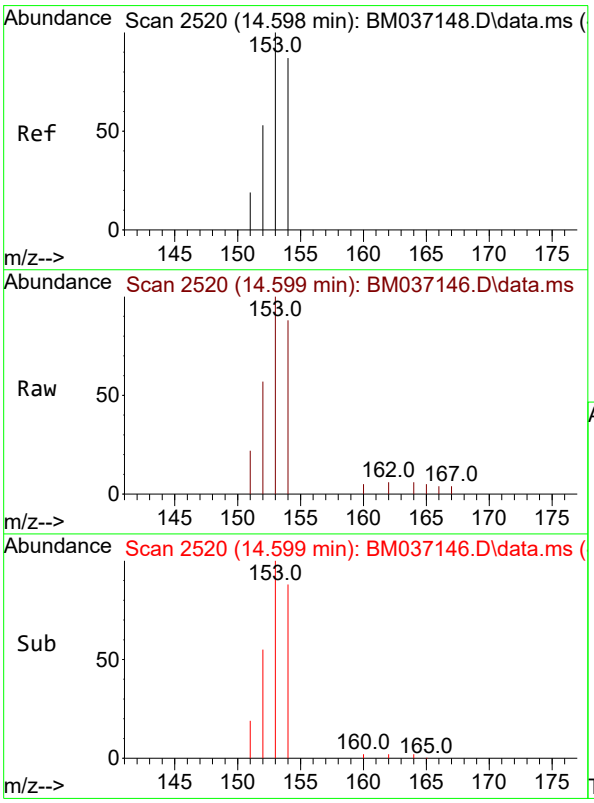
#10
Acenaphthylene
Concen: 0.101 ng/ul
RT: 14.261 min Scan# 24
Delta R.T. 0.001 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

Tgt Ion:152 Resp: 2312

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.2	24.2
153	16.5	10.8	16.2#

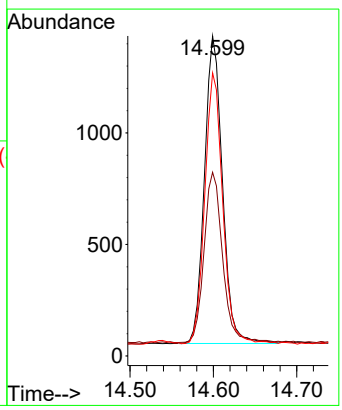


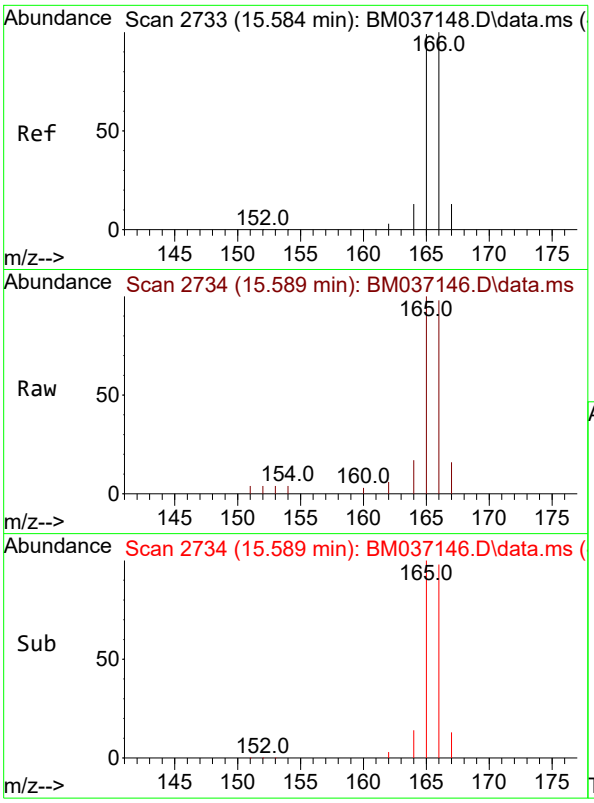


#11
Acenaphthene
Concen: 0.104 ng/ul
RT: 14.599 min Scan# 2520
Delta R.T. 0.001 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Tgt Ion:153 Resp: 2072

Ion	Ratio	Lower	Upper
153	100		
152	57.4	43.3	64.9
154	88.4	70.0	105.0



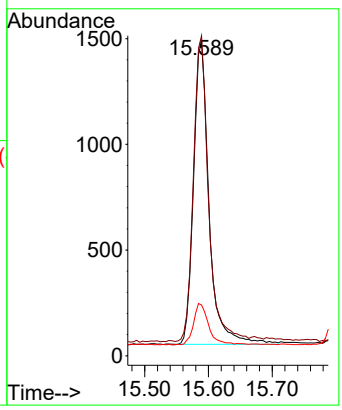


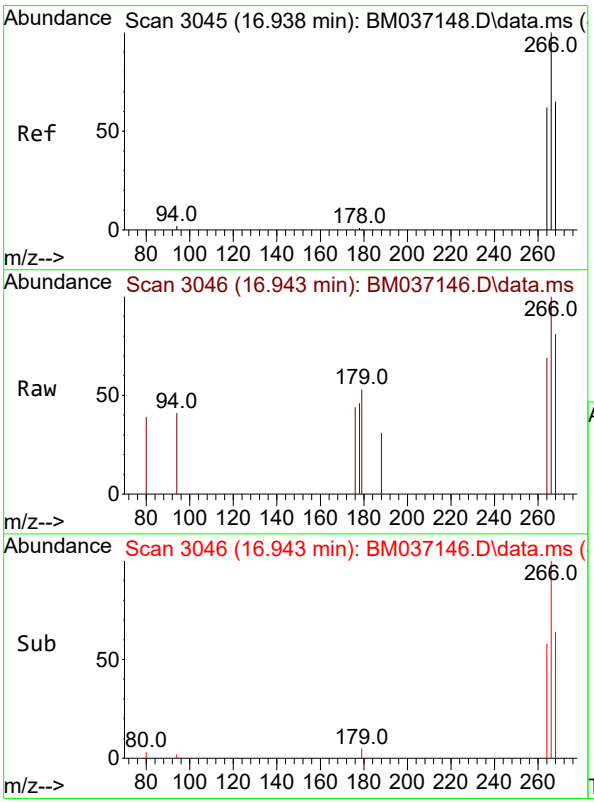
#12
Fluorene
Concen: 0.108 ng/ul
RT: 15.589 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

Tgt Ion:166 Resp: 2424

Ion	Ratio	Lower	Upper
166	100		
165	102.4	79.4	119.2
167	16.2	11.3	16.9

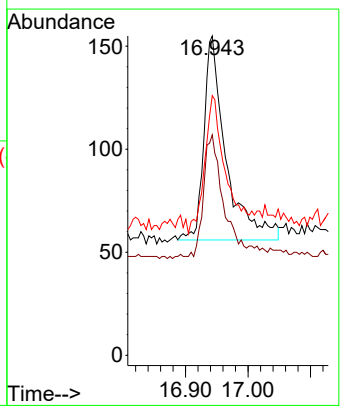


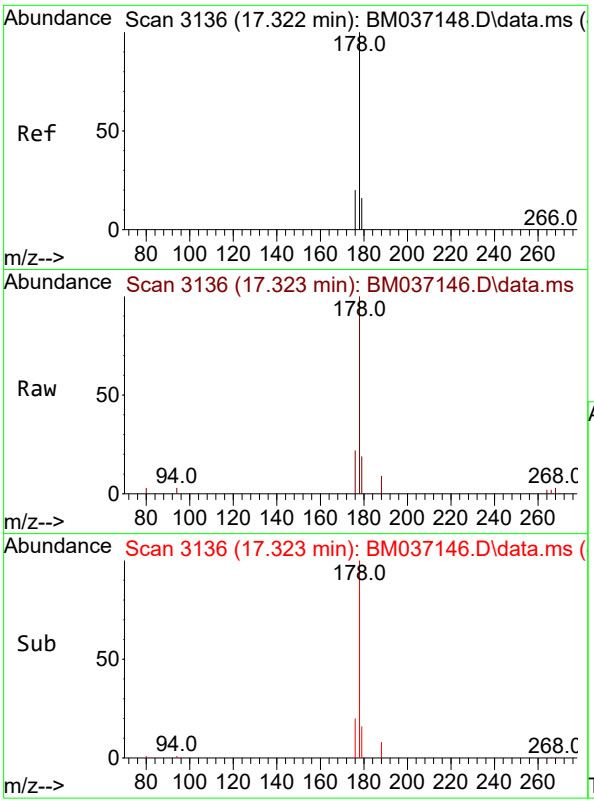


#14
Pentachlorophenol
Concen: 0.080 ng/ul
RT: 16.943 min Scan# 3046
Delta R.T. 0.005 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Tgt Ion:266 Resp: 243

Ion	Ratio	Lower	Upper
266	100		
264	55.1	49.4	74.0
268	69.1	50.5	75.7



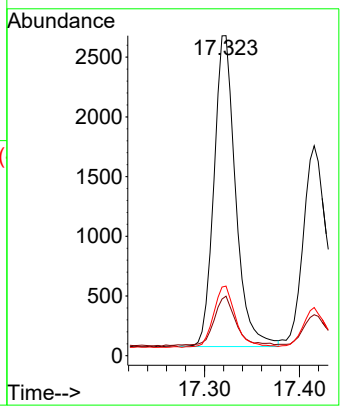


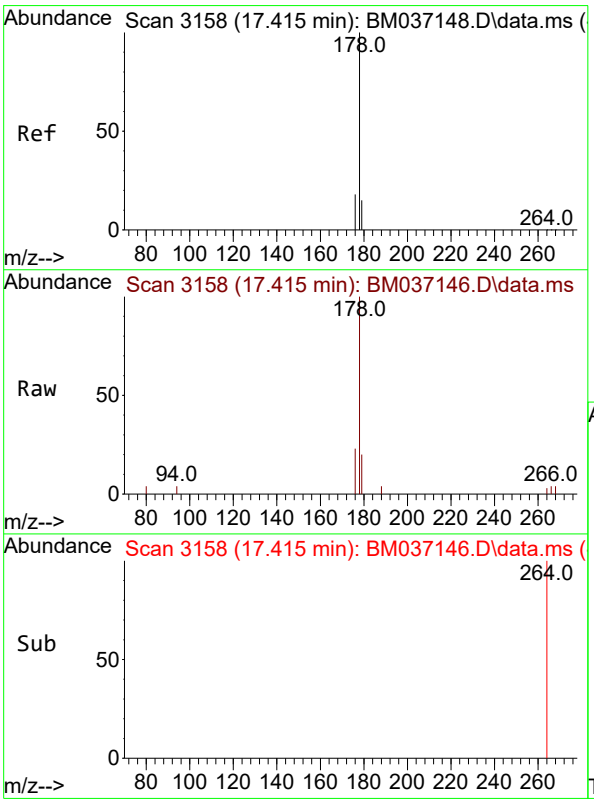
#15
Phenanthrene
Concen: 0.103 ng/ul
RT: 17.323 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

Tgt Ion:178 Resp: 4132

Ion	Ratio	Lower	Upper
178	100		
179	18.6	13.0	19.6
176	21.8	16.1	24.1

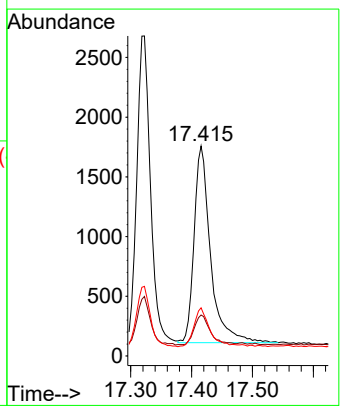


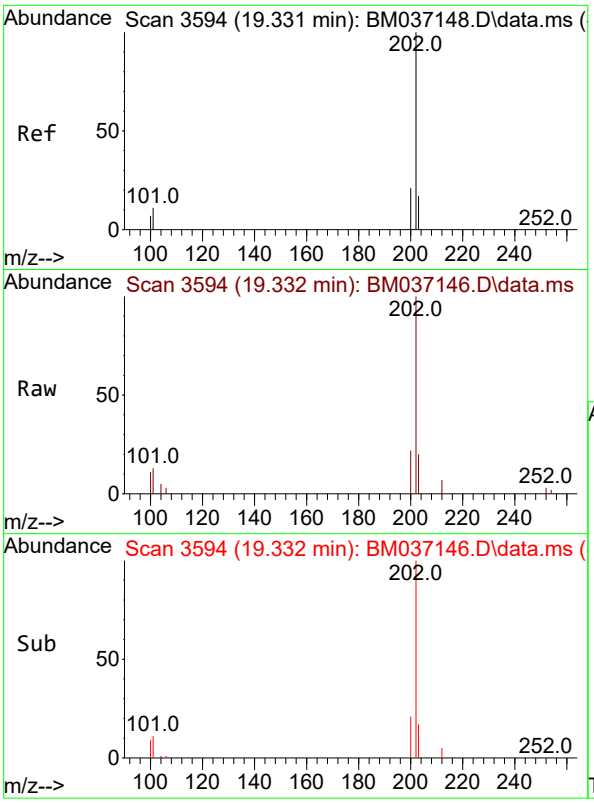


#16
Anthracene
Concen: 0.093 ng/ul
RT: 17.415 min Scan# 3158
Delta R.T. 0.001 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Tgt Ion:178 Resp: 3096

Ion	Ratio	Lower	Upper
178	100		
179	19.6	13.1	19.7
176	23.0	15.3	22.9#



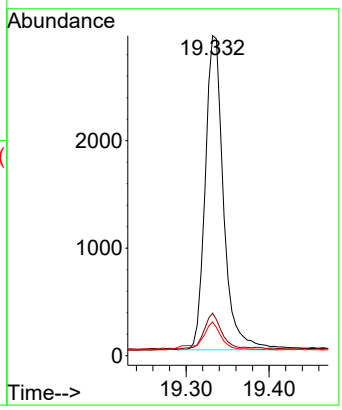


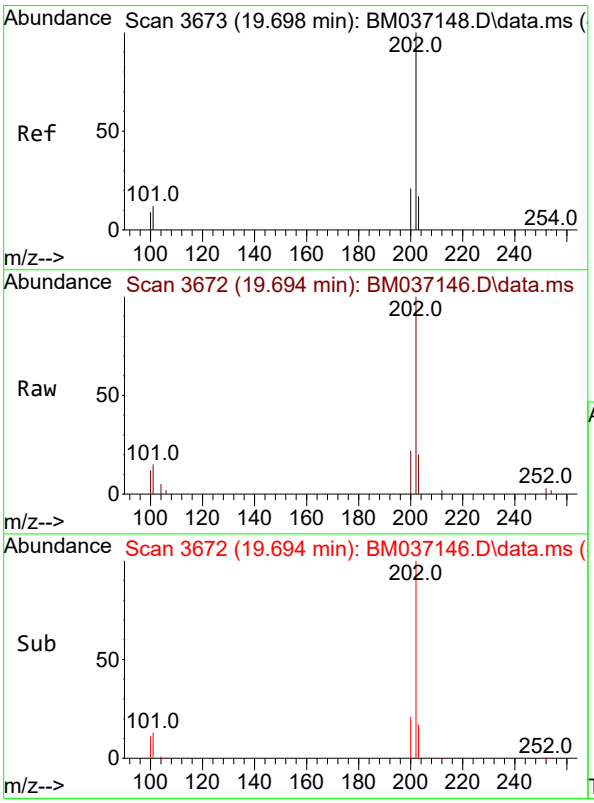
#19
Fluoranthene
Concen: 0.103 ng/ul
RT: 19.332 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

Tgt Ion:202 Resp: 4482

Ion	Ratio	Lower	Upper
202	100		
101	13.3	8.9	13.3
100	10.5	6.9	10.3#

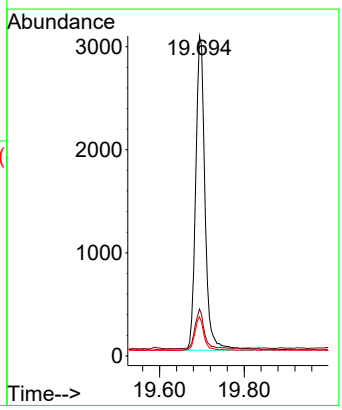


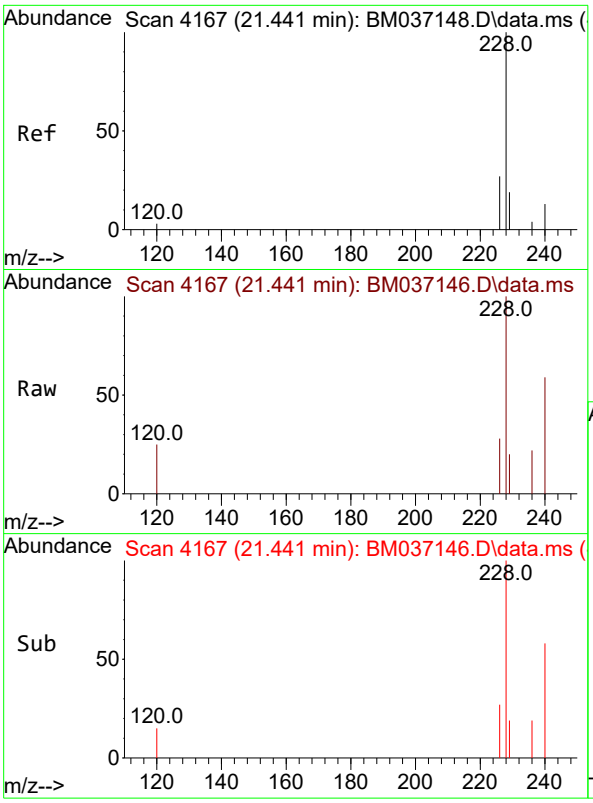


#20
Pyrene
Concen: 0.103 ng/ul
RT: 19.694 min Scan# 3672
Delta R.T. -0.004 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Tgt Ion:202 Resp: 4671

Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.7	14.5#
100	12.2	7.8	11.8#



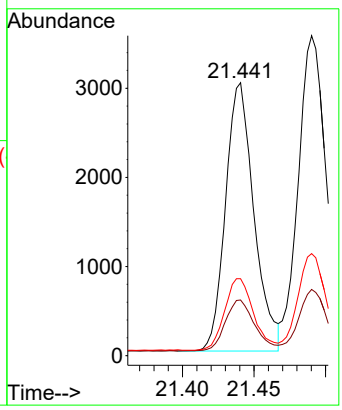


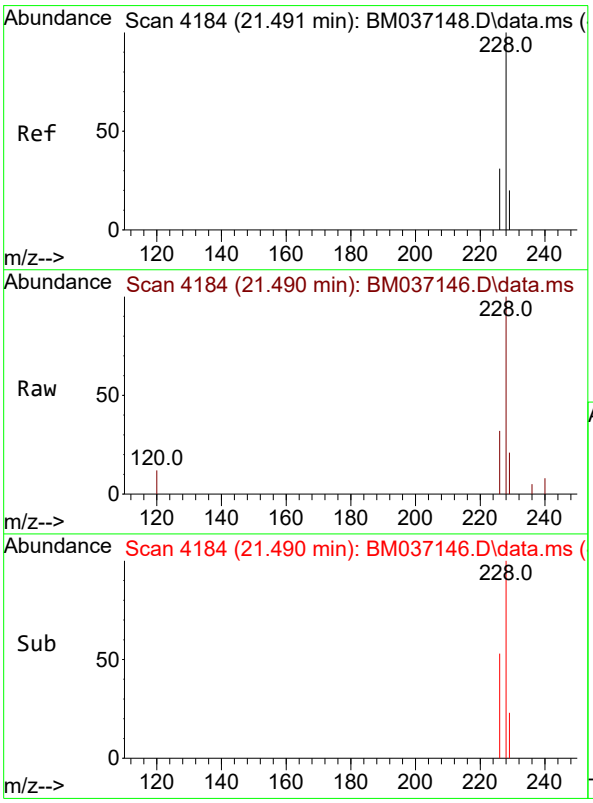
#21
Benzo(a)anthracene
Concen: 0.105 ng/ul
RT: 21.441 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

Tgt Ion:228 Resp: 4169

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.6
226	28.2	21.8	32.8

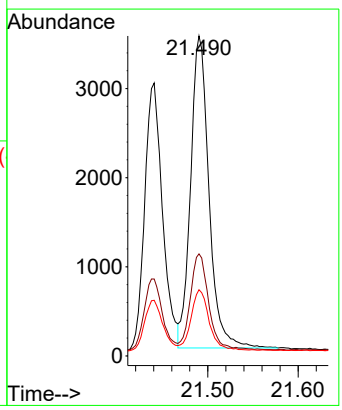


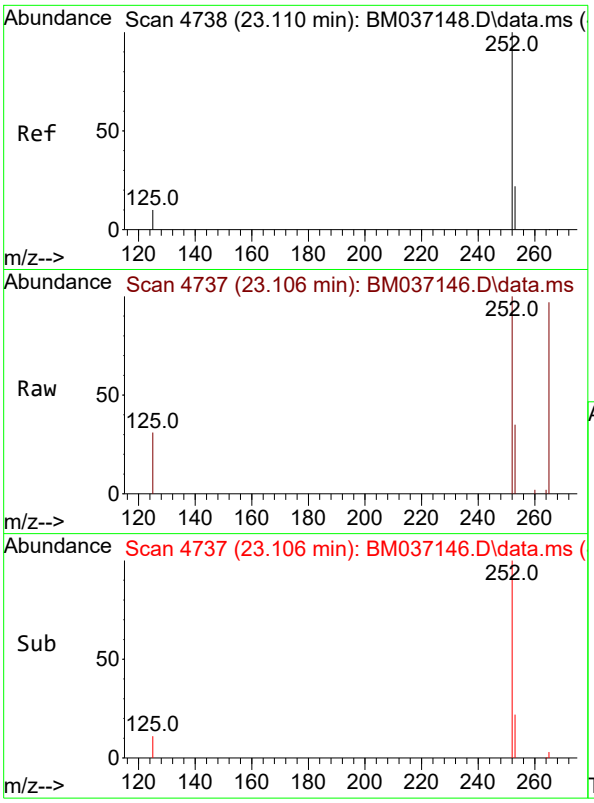


#22
Chrysene
Concen: 0.116 ng/ul
RT: 21.490 min Scan# 4184
Delta R.T. -0.001 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Tgt Ion:228 Resp: 4943

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.8	37.2
229	20.7	16.0	24.0



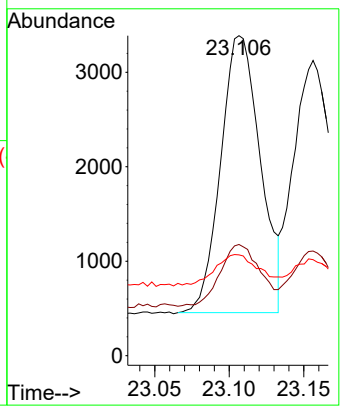


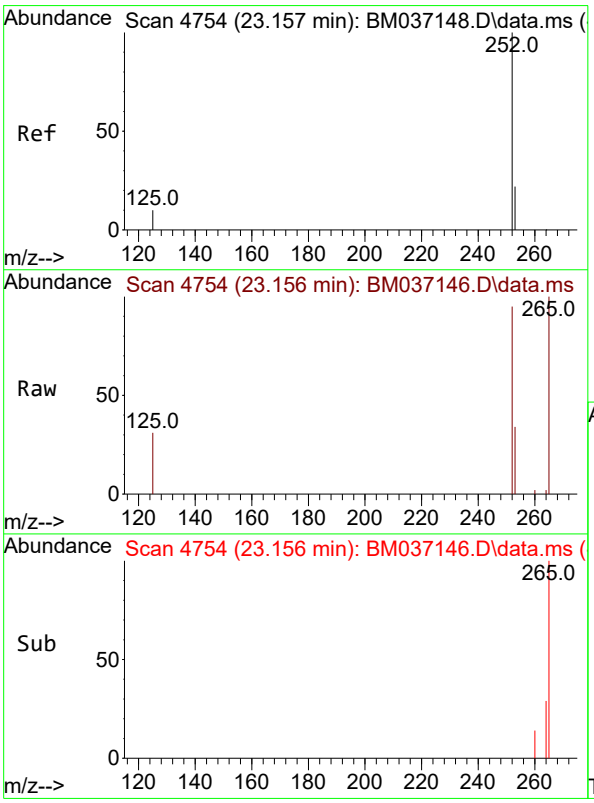
#24
Benzo(b)fluoranthene
Concen: 0.117 ng/ul
RT: 23.106 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

Tgt Ion:252 Resp: 5437

Ion	Ratio	Lower	Upper
252	100		
253	34.8	0.0	50.6
125	31.5	0.0	32.6

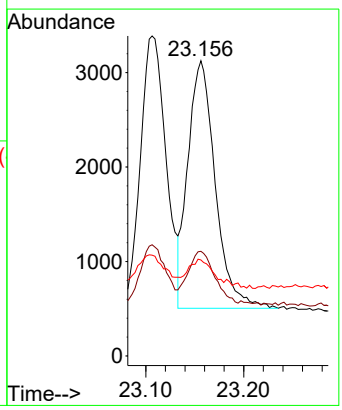


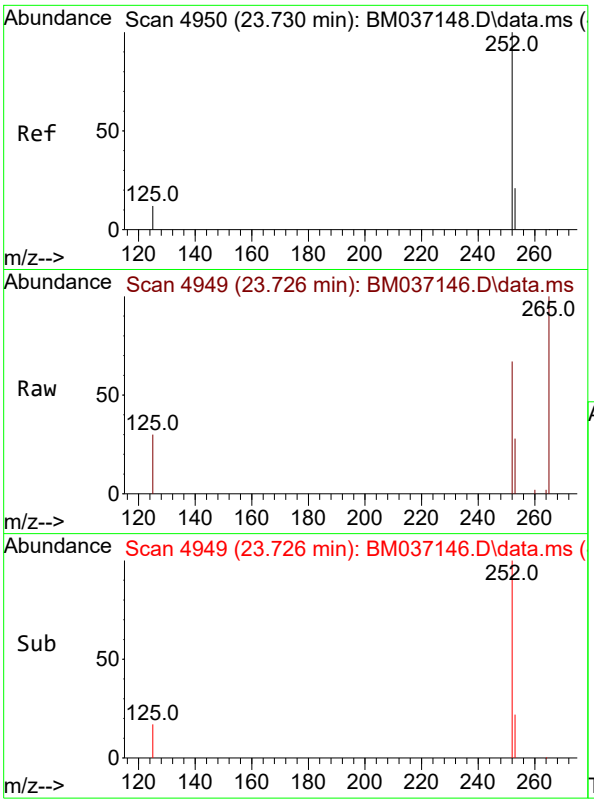


#25
Benzo(k)fluoranthene
Concen: 0.113 ng/ul
RT: 23.156 min Scan# 4754
Delta R.T. -0.001 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Tgt Ion:252 Resp: 5091

Ion	Ratio	Lower	Upper
252	100		
253	35.5	20.6	30.8#
125	32.5	13.3	19.9#



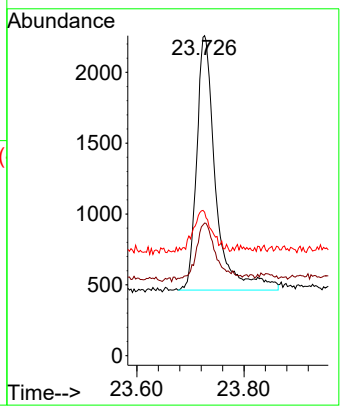


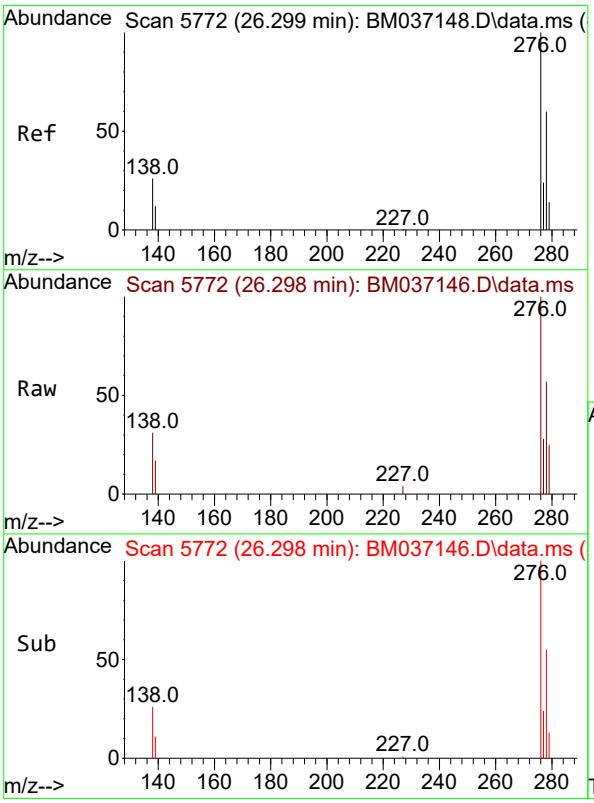
#26
Benzo(a)pyrene
Concen: 0.117 ng/ul
RT: 23.726 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

Tgt Ion:252 Resp: 4405

Ion	Ratio	Lower	Upper
252	100		
253	41.4	22.1	33.1#
125	44.8	17.6	26.4#

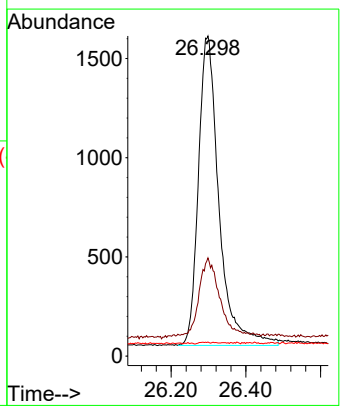


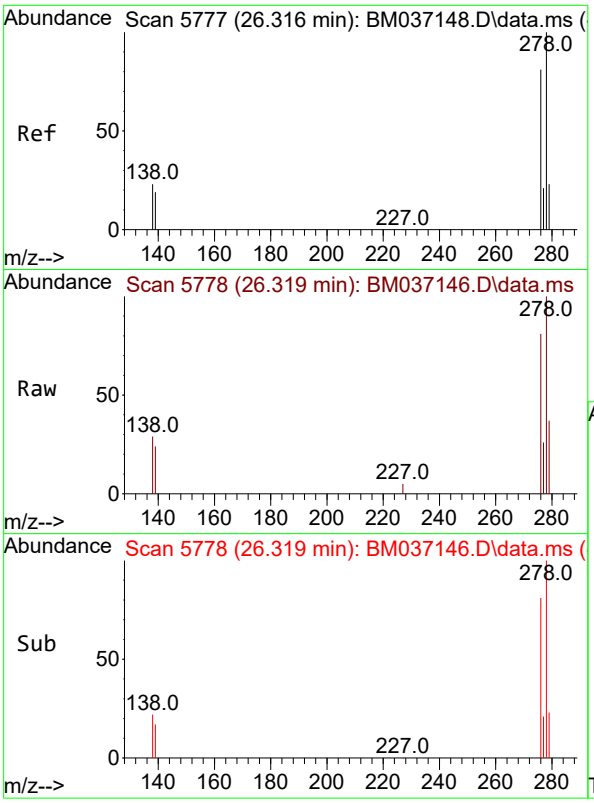


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.112 ng/ul
RT: 26.298 min Scan# 5772
Delta R.T. -0.001 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Tgt Ion:276 Resp: 5954

Ion	Ratio	Lower	Upper
276	100		
138	24.8	21.4	32.0
227	0.3	0.1	0.1#



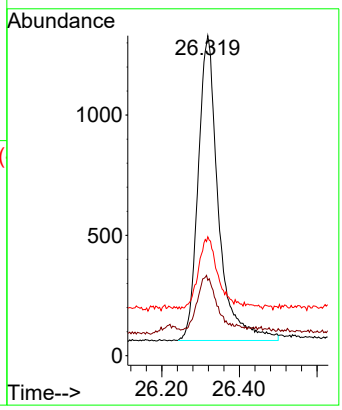


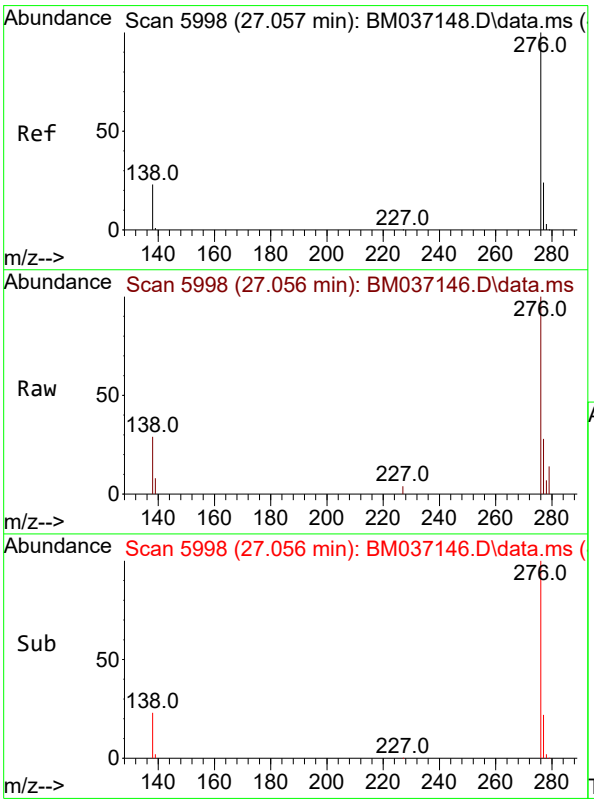
#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 26.319 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

Tgt Ion:278 Resp: 4586

Ion	Ratio	Lower	Upper
278	100		
139	23.5	16.3	24.5
279	37.1	21.5	32.3#





#29
Benzo(g,h,i)perylene
Concen: 0.113 ng/ul
RT: 27.056 min Scan# 5998
Delta R.T. -0.001 min
Lab File: BM037146.D
Acq: 19 Oct 2022 11:05

Tgt Ion:276 Resp: 5309

Ion	Ratio	Lower	Upper
276	100		
138	28.9	19.8	29.8
277	27.7	20.1	30.1