Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037675.D
Acq On : 23 Nov 2022 11:56
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4179

Quant Time: Nov 24 01:49:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	7649	0.400	ng/ul	0.00
4) Naphthalene-d8	10.942	136	22269	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.743	164	13225	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.475	188	28976	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.636	240	19556	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	16847	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	4052	0.456	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.520	152	14544	0.394	ng/ul	0.00
18) Fluoranthene-d10	19.490	212	29823	0.461	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.488	88	3970	0.429	ng/ul#	45
5) Naphthalene	10.991	128	28990	0.429	ng/ul	97
7) 2-Methylnaphthalene	12.592	142	18831	0.409	ng/ul	100
8) 1-Methylnaphthalene	12.806	142	19108	0.405	ng/ul	100
10) Acenaphthylene	14.465	152	28473	0.388	ng/ul	100
11) Acenaphthene	14.807	153	22535	0.440	ng/ul	98
12) Fluorene	15.784	166	26147	0.424	ng/ul	100
14) Pentachlorophenol	17.124	266	2960	0.455	ng/ul	98
15) Phenanthrene	17.517	178	42683	0.431	ng/ul	99
16) Anthracene	17.610	178	37585	0.393	ng/ul	100
19) Fluoranthene	19.518	202	46955	0.498	ng/ul#	95
20) Pyrene	19.880	202	47964	0.489	ng/ul	97
21) Benzo(a)anthracene	21.619	228	37947	0.434	ng/ul	99
22) Chrysene	21.674	228	40045	0.461	ng/ul	100
24) Benzo(b)fluoranthene	23.358	252	41224	0.537	ng/ul	92
25) Benzo(k)fluoranthene	23.411	252	37429	0.483	ng/ul#	95
26) Benzo(a)pyrene	24.010	252	34349	0.514	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.725	276	42098	0.476	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.745	278	32408	0.466	ng/ul	96
29) Benzo(g,h,i)perylene	27.526	276	33549	0.447	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
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Operator : CG/JU
Sample : SSTDCCC0.4
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Instrument :
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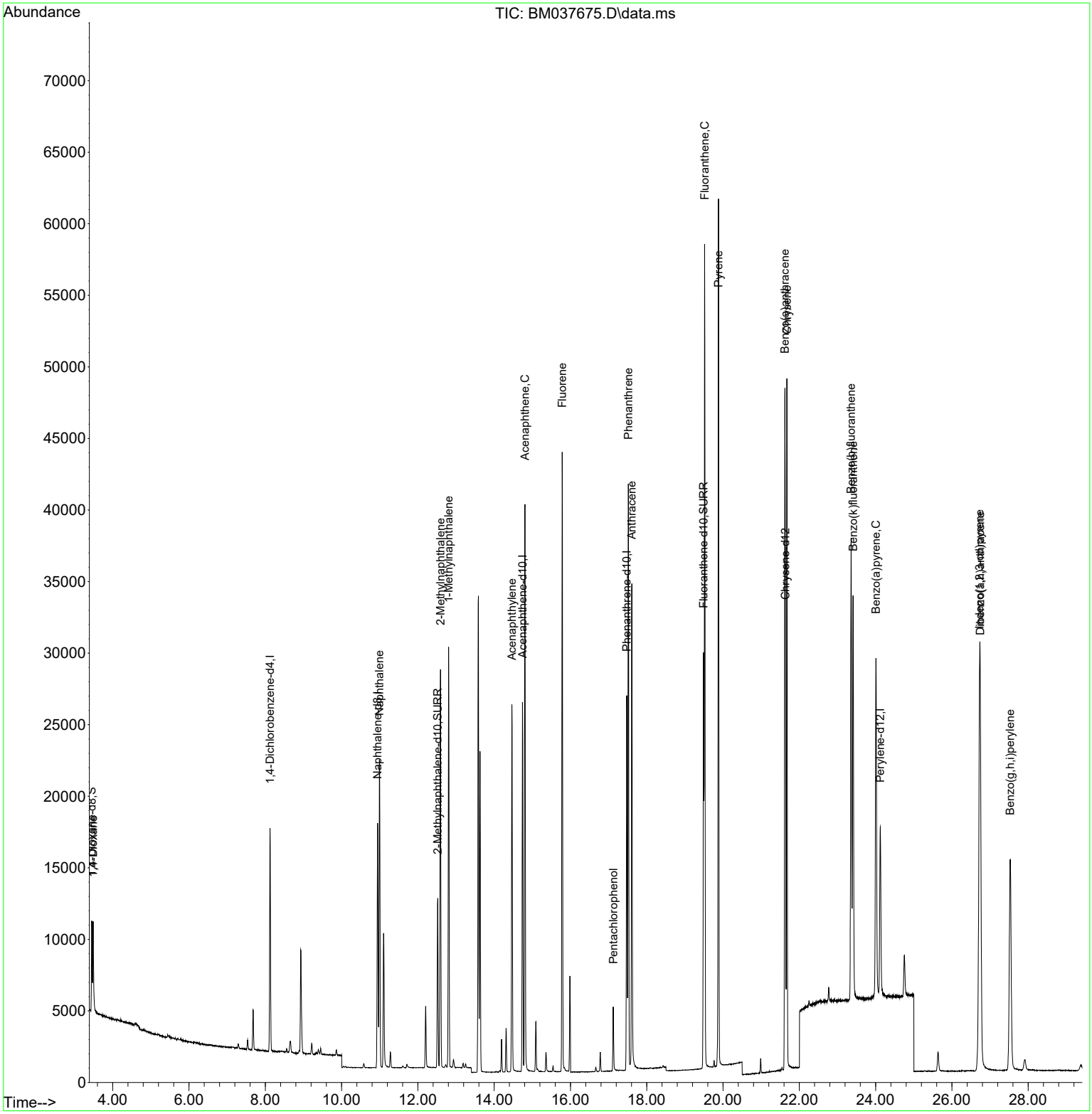
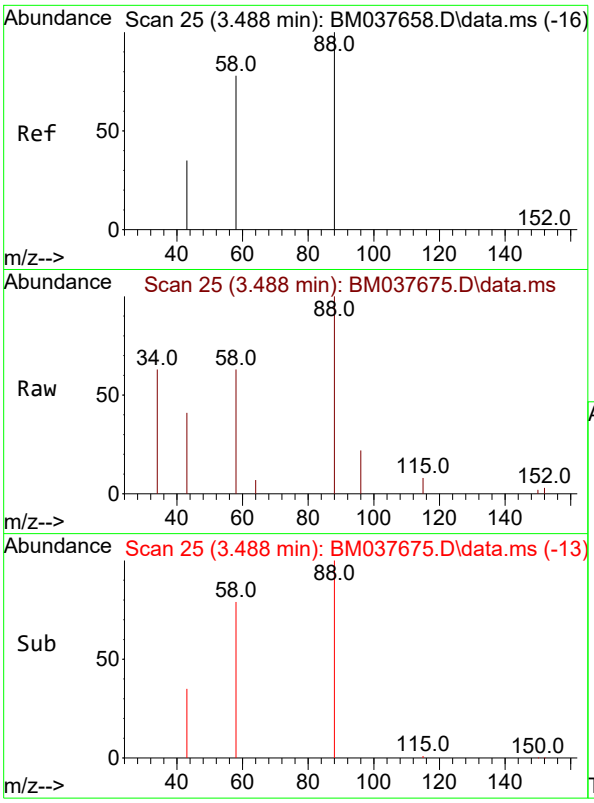
Quant Time: Nov 24 01:49:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration



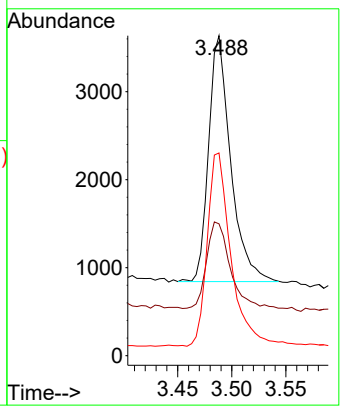


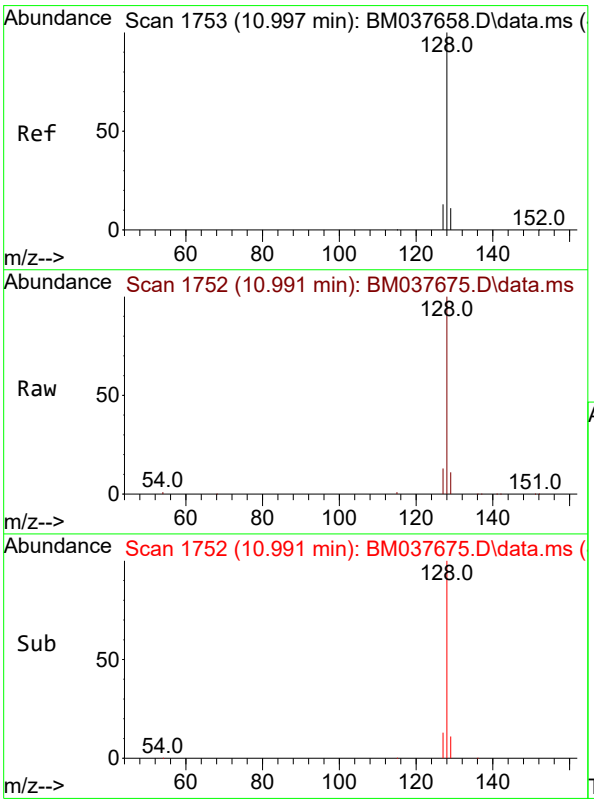
#2
1,4-Dioxane
Concen: 0.429 ng/ul
RT: 3.488 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4179

Tgt Ion: 88 Resp: 3970

Ion	Ratio	Lower	Upper
88	100		
43	41.2	102.8	154.2#
58	63.4	67.3	100.9#

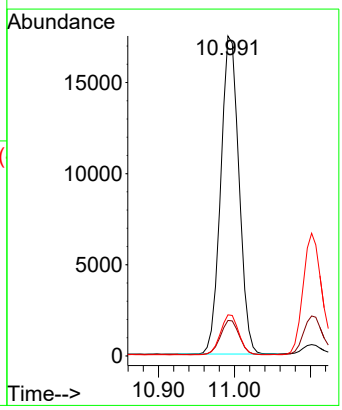


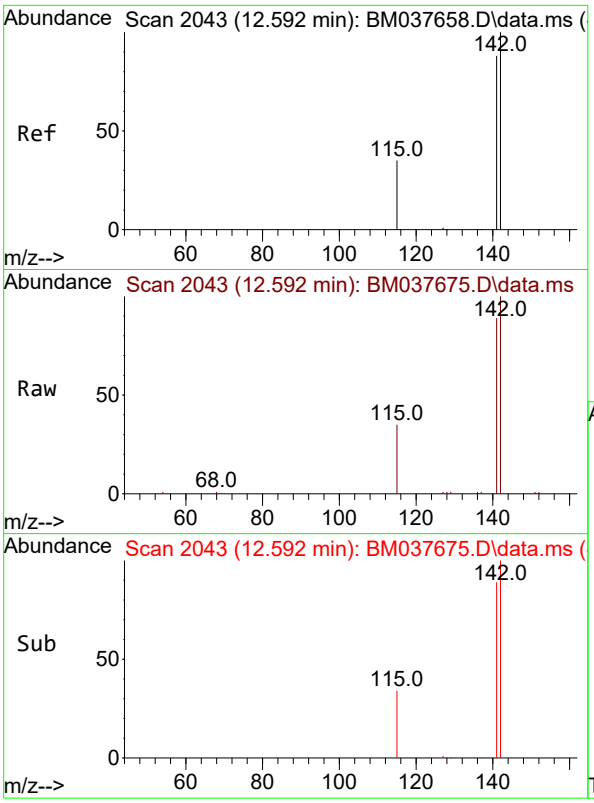


#5
Naphthalene
Concen: 0.429 ng/ul
RT: 10.991 min Scan# 1752
Delta R.T. -0.010 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Tgt Ion:128 Resp: 28990

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.8
127	12.9	11.0	16.4



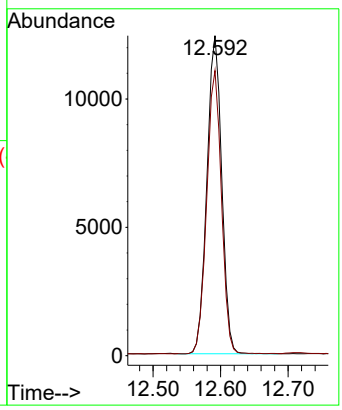


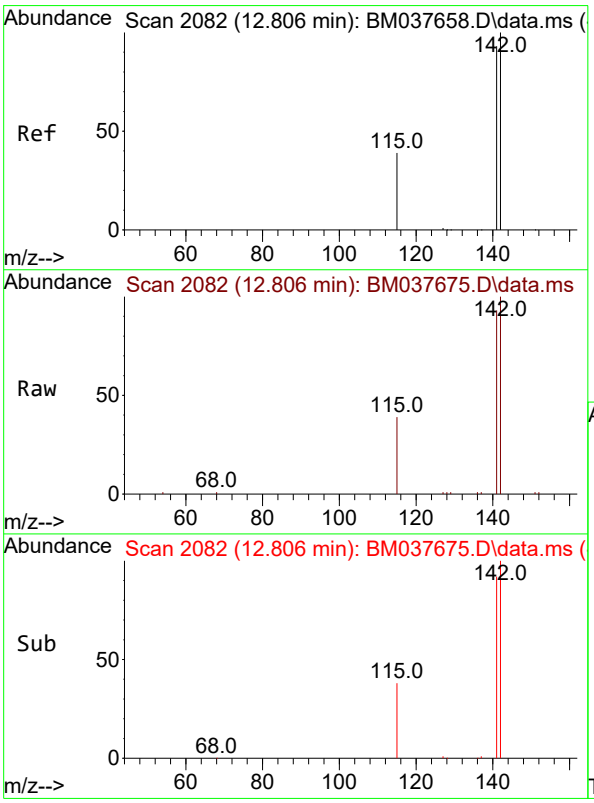
#7
2-Methylnaphthalene
Concen: 0.409 ng/ul
RT: 12.592 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4179

Tgt Ion:142 Resp: 18831

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.4

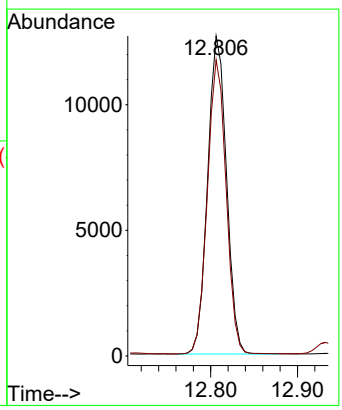


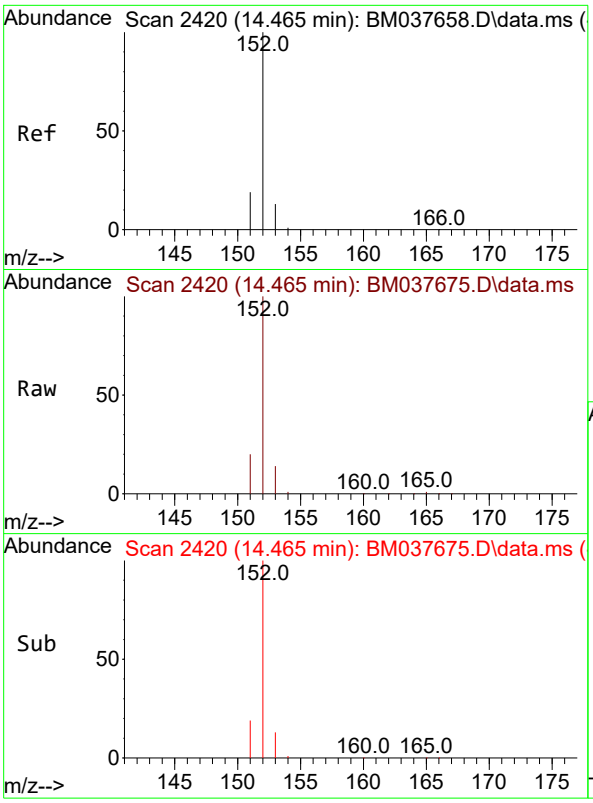


#8
1-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.806 min Scan# 2082
Delta R.T. -0.004 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Tgt Ion:142 Resp: 19108

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.0



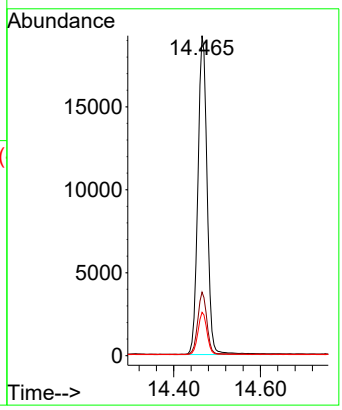


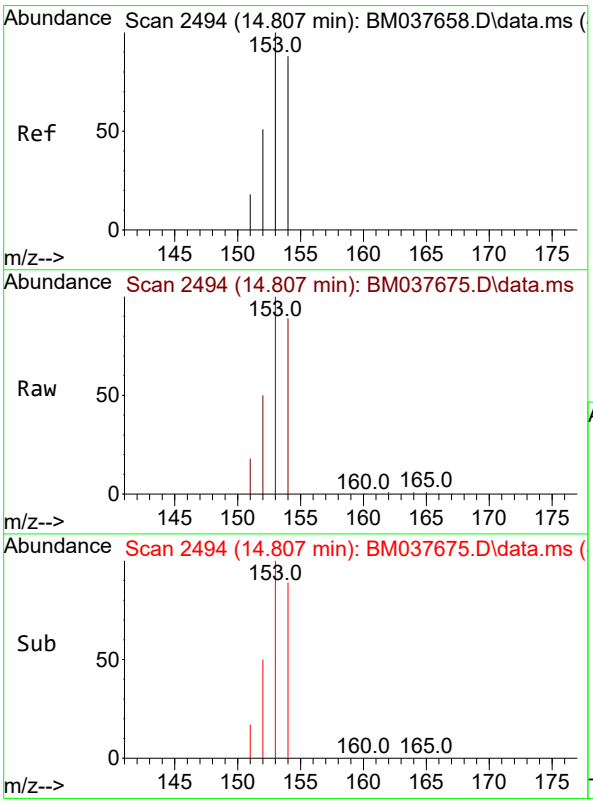
#10
Acenaphthylene
Concen: 0.388 ng/ul
RT: 14.465 min Scan# 24
Delta R.T. -0.003 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4179

Tgt Ion:152 Resp: 28473

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.5	11.0	16.4

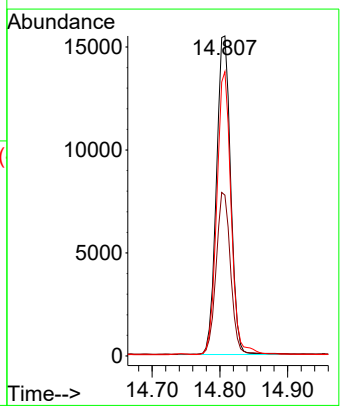


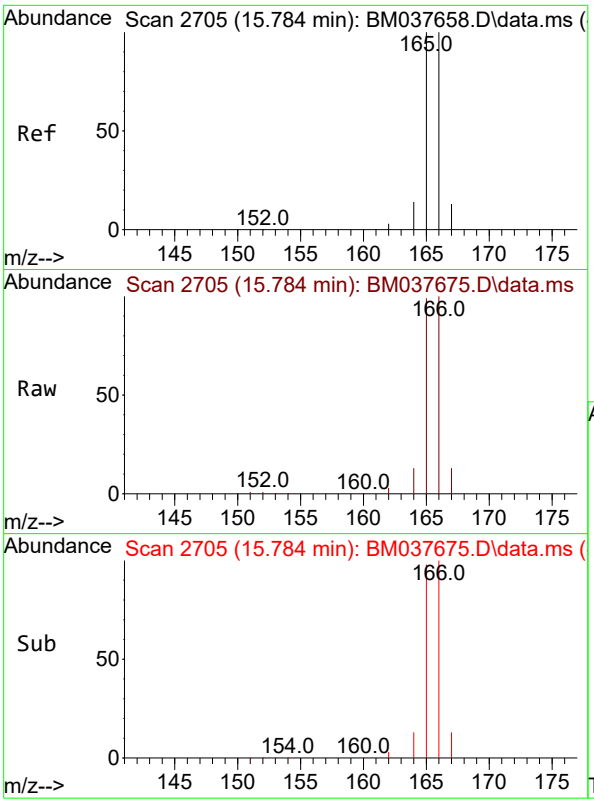


#11
Acenaphthene
Concen: 0.440 ng/ul
RT: 14.807 min Scan# 2494
Delta R.T. -0.003 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Tgt Ion:153 Resp: 22535

Ion	Ratio	Lower	Upper
153	100		
152	50.3	39.4	59.0
154	88.8	69.5	104.3



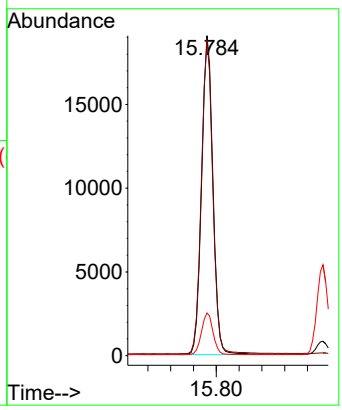


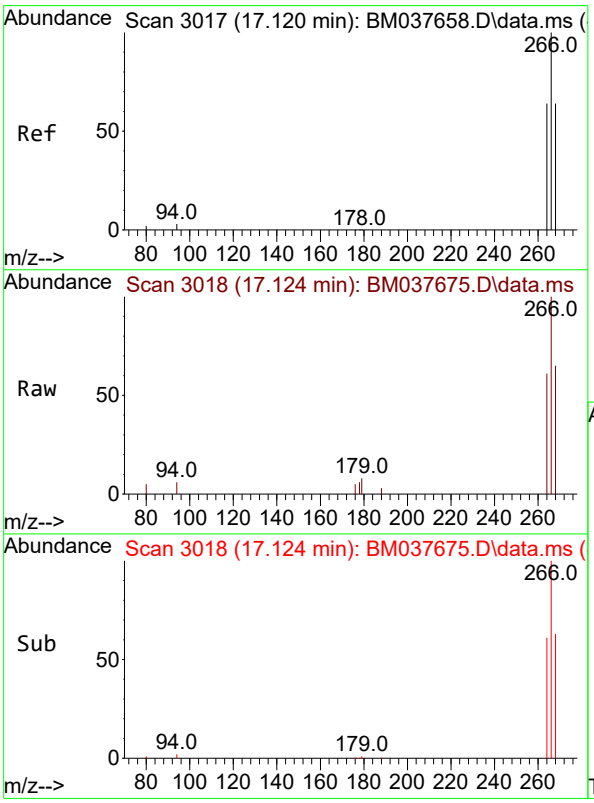
#12
Fluorene
Concen: 0.424 ng/ul
RT: 15.784 min Scan# 2
Delta R.T. -0.003 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4179

Tgt Ion:166 Resp: 26147

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.7	118.1
167	13.4	11.3	16.9

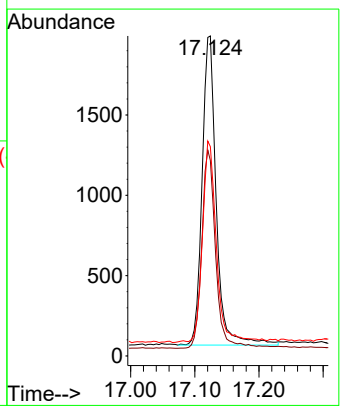


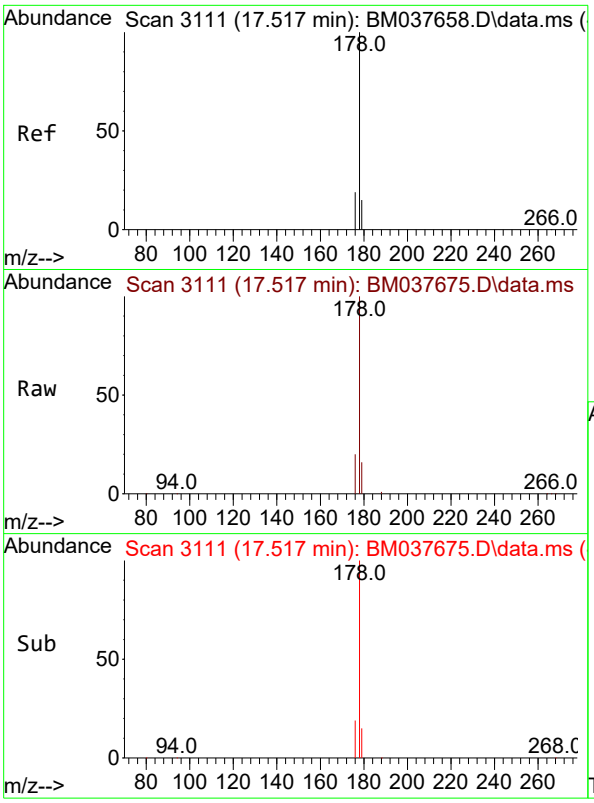


#14
Pentachlorophenol
Concen: 0.455 ng/ul
RT: 17.124 min Scan# 3018
Delta R.T. -0.003 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Tgt Ion:266 Resp: 2960

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.2	75.2
268	62.9	52.0	78.0



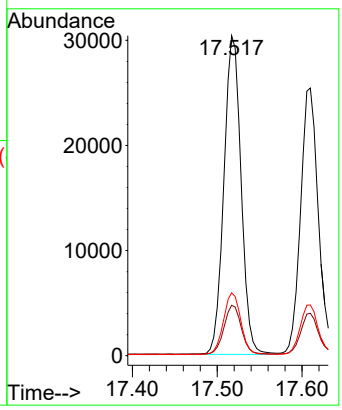


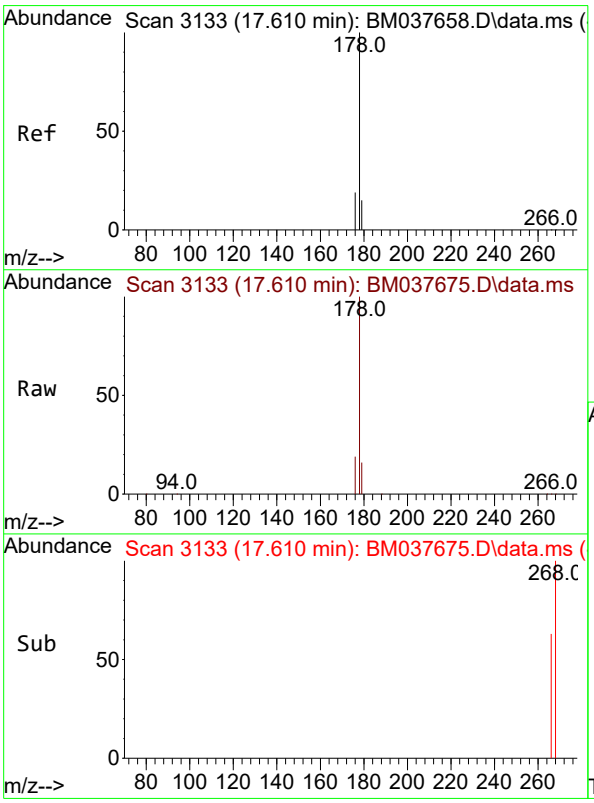
#15
Phenanthrene
Concen: 0.431 ng/ul
RT: 17.517 min Scan# 3
Delta R.T. -0.007 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4179

Tgt Ion:178 Resp: 42683

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.6	16.0	24.0

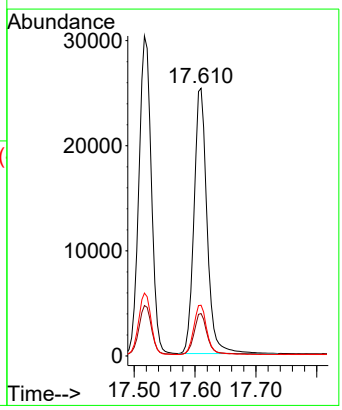


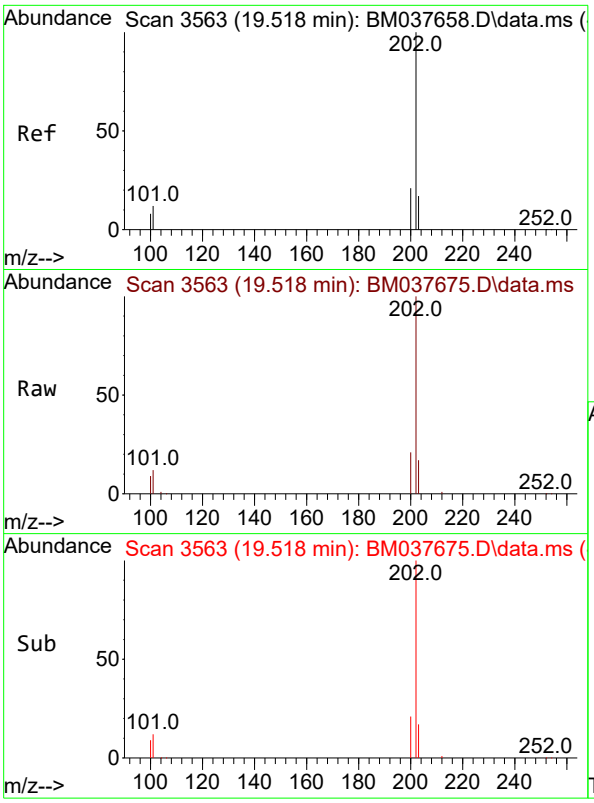


#16
Anthracene
Concen: 0.393 ng/ul
RT: 17.610 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Tgt Ion:178 Resp: 37585

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	18.9	15.0	22.6



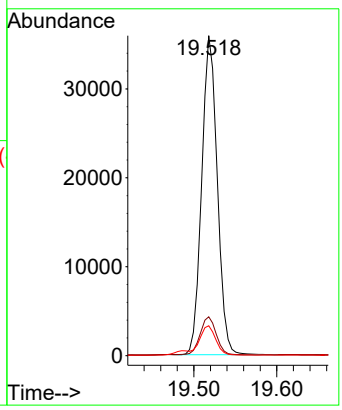


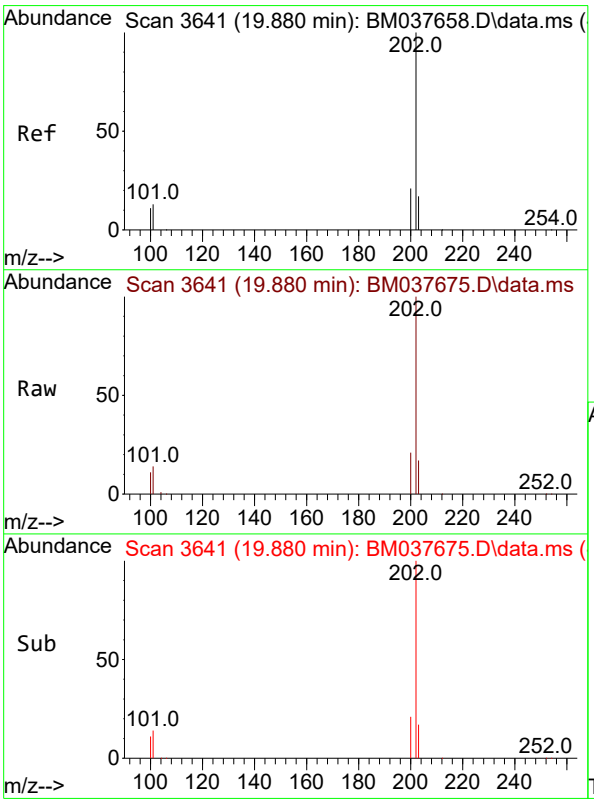
#19
Fluoranthene
Concen: 0.498 ng/ul
RT: 19.518 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4179

Tgt Ion:202 Resp: 46955

Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.2	12.2
100	9.3	6.1	9.1#

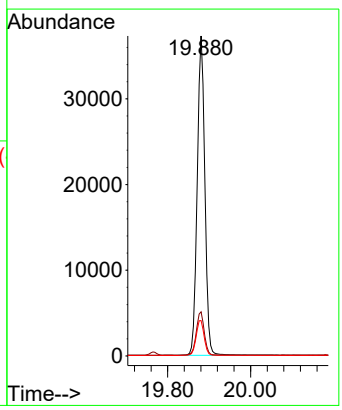


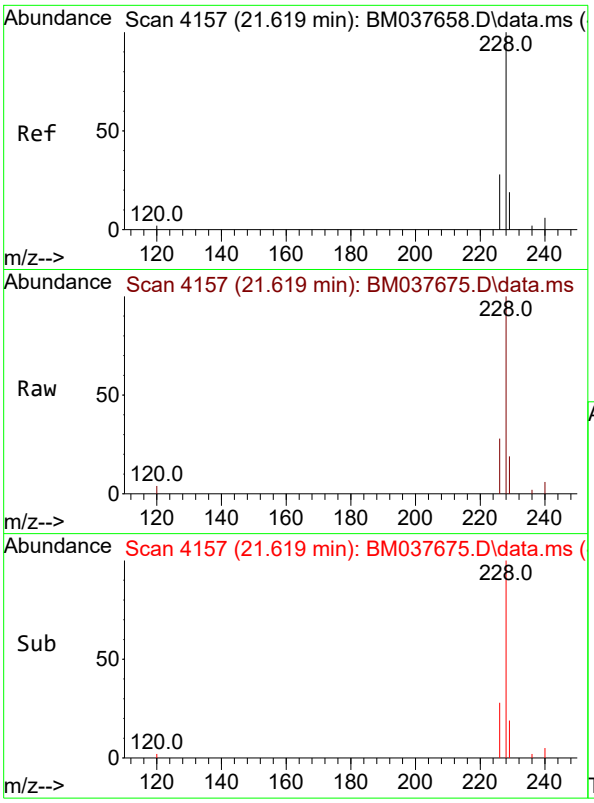


#20
Pyrene
Concen: 0.489 ng/ul
RT: 19.880 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Tgt Ion:202 Resp: 47964

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.1	15.1
100	11.0	8.0	12.0



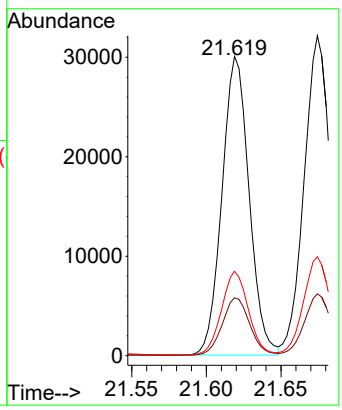


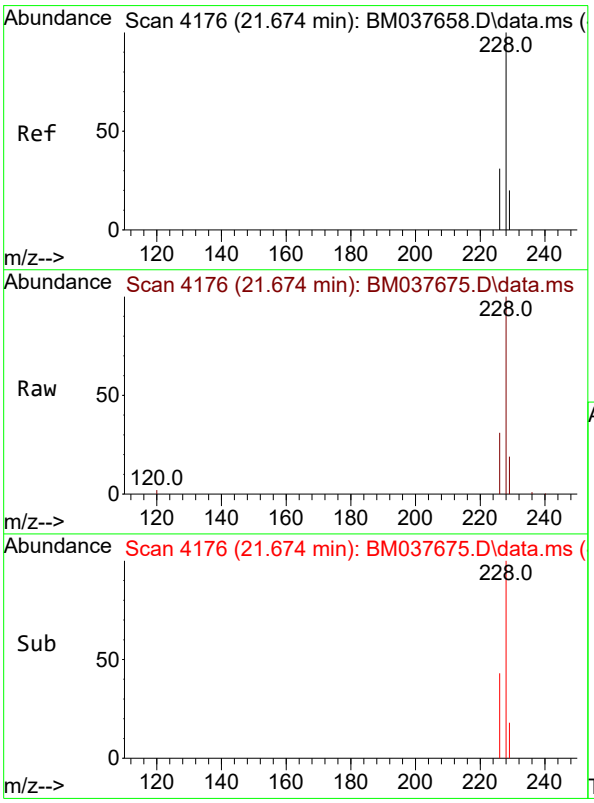
#21
Benzo(a)anthracene
Concen: 0.434 ng/ul
RT: 21.619 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4179

Tgt Ion:228 Resp: 37947

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.7	23.5
226	28.2	22.2	33.2

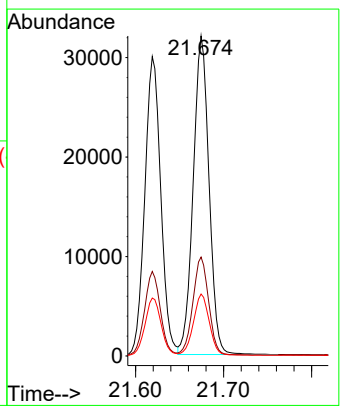


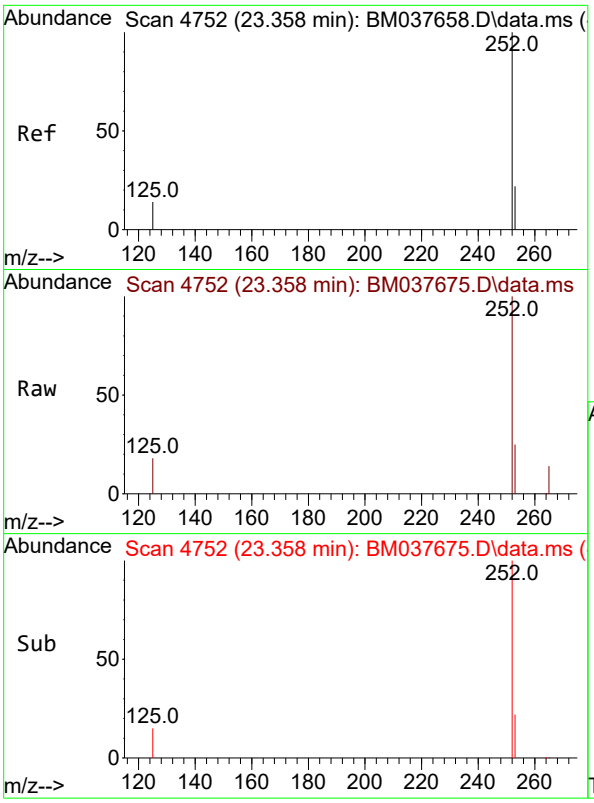


#22
Chrysene
Concen: 0.461 ng/ul
RT: 21.674 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Tgt Ion:228 Resp: 40045

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.6	37.0
229	19.3	15.5	23.3



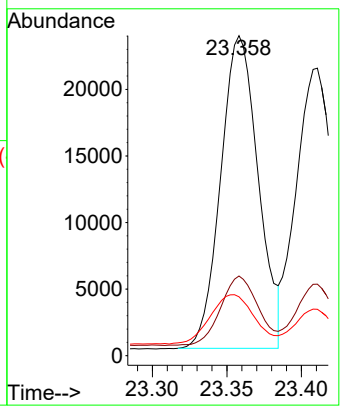


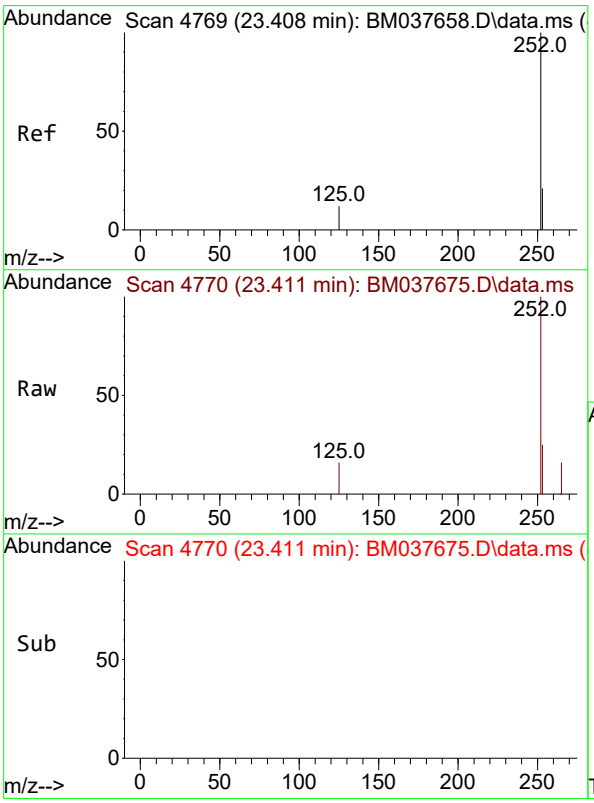
#24
Benzo(b)fluoranthene
Concen: 0.537 ng/ul
RT: 23.358 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4179

Tgt Ion:252 Resp: 41224

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	46.2
125	18.4	0.0	23.4

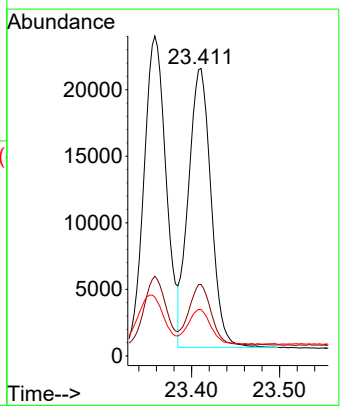


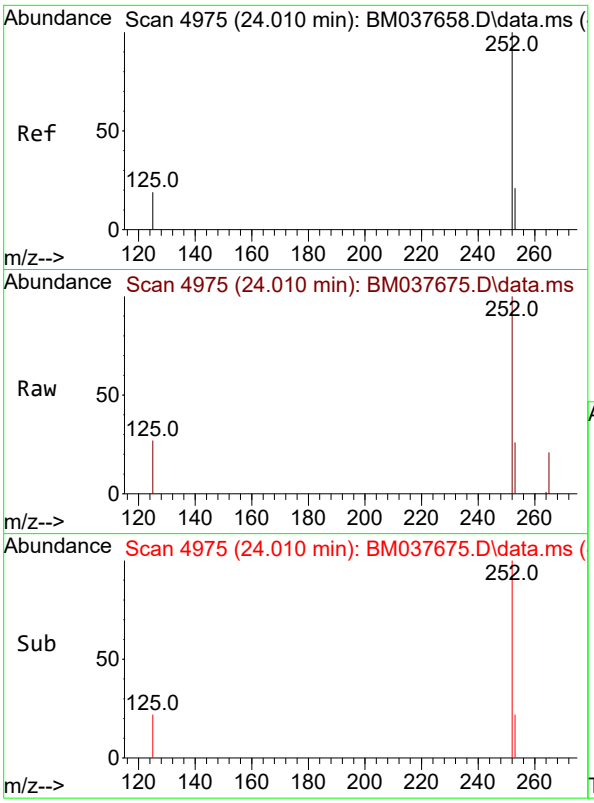


#25
Benzo(k)fluoranthene
Concen: 0.483 ng/ul
RT: 23.411 min Scan# 4770
Delta R.T. -0.000 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Tgt Ion:252 Resp: 37429

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.8	28.2
125	16.1	9.8	14.6#



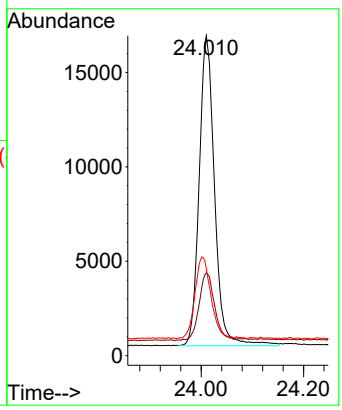


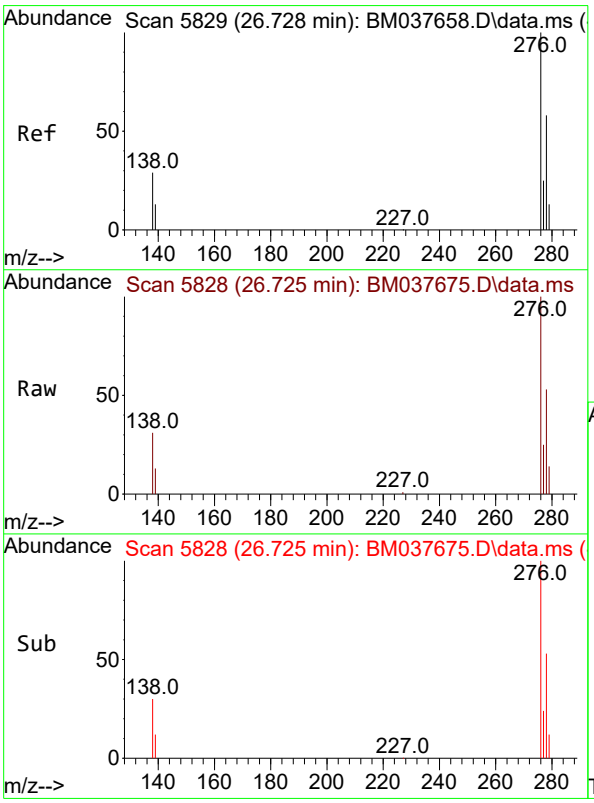
#26
Benzo(a)pyrene
Concen: 0.514 ng/ul
RT: 24.010 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4179

Tgt Ion:252 Resp: 34349

Ion	Ratio	Lower	Upper
252	100		
253	25.9	18.8	28.2
125	27.2	10.5	15.7#

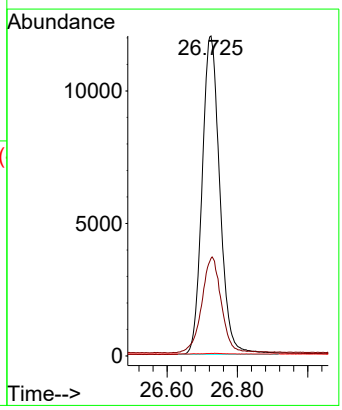


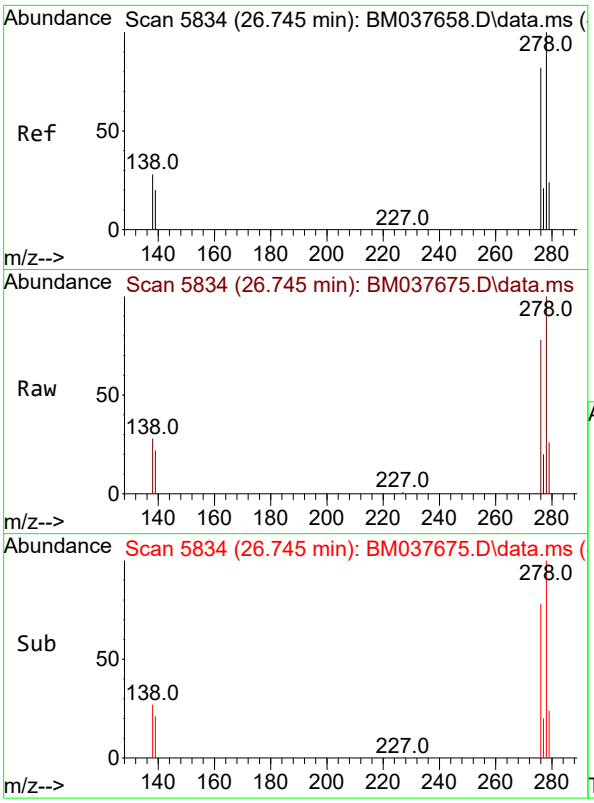


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.476 ng/ul
RT: 26.725 min Scan# 5828
Delta R.T. -0.004 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Tgt Ion:276 Resp: 42098

Ion	Ratio	Lower	Upper
276	100		
138	33.4	21.2	31.8#
227	0.1	0.1	0.1#



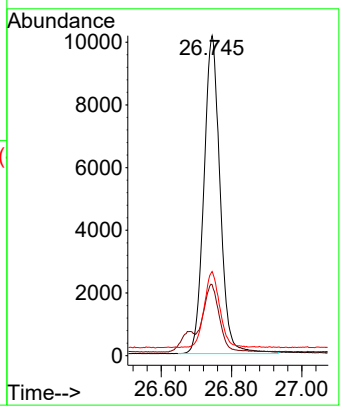


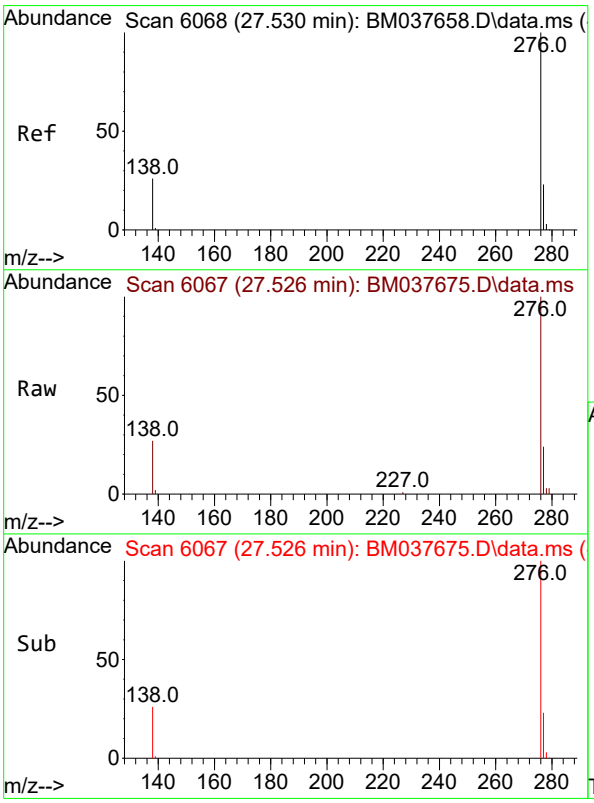
#28
Dibenzo(a,h)anthracene
Concen: 0.466 ng/ul
RT: 26.745 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Instrument :
BNA_M
ClientSampleId :
SSTD0.4179

Tgt Ion:278 Resp: 32408

Ion	Ratio	Lower	Upper
278	100		
139	22.2	15.2	22.8
279	26.3	20.2	30.2





#29
Benzo(g,h,i)perylene
Concen: 0.447 ng/ul
RT: 27.526 min Scan# 6067
Delta R.T. -0.007 min
Lab File: BM037675.D
Acq: 23 Nov 2022 11:56

Tgt Ion:276 Resp: 33549

Ion	Ratio	Lower	Upper
276	100		
138	27.3	19.0	28.4
277	24.1	19.4	29.2