Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041577.D
Acq On : 30 Aug 2023 13:19
Operator : MA/JU
Sample : PB155102BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS102

Quant Time: Aug 31 02:17:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:50:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	5439	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	12261	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	4806	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	8822	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	3038	0.400	ng/ul	0.00
23) Perylene-d12	24.254	264	3190	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	5690	0.709	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	5682	0.384	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	5634	0.376	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.490	88	14016	1.637	ng/ul#	85
5) Naphthalene	10.994	128	13364	0.341	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	7479	0.336	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	7844	0.349	ng/ul	99
10) Acenaphthylene	14.481	152	11361	0.339	ng/ul	99
11) Acenaphthene	14.814	153	7831	0.339	ng/ul	97
12) Fluorene	15.800	166	8500	0.338	ng/ul	97
14) Pentachlorophenol	17.126	266	1967	0.580	ng/ul	98
15) Phenanthrene	17.544	178	12846	0.333	ng/ul	99
16) Anthracene	17.637	178	11258	0.336	ng/ul	98
19) Fluoranthene	19.552	202	12980	0.326	ng/ul	97
20) Pyrene	19.919	202	12822	0.320	ng/ul	97
21) Benzo(a)anthracene	21.670	228	8549	0.315	ng/ul	99
22) Chrysene	21.726	228	9501	0.326	ng/ul	99
24) Benzo(b)fluoranthene	23.456	252	9355	0.316	ng/ul	97
25) Benzo(k)fluoranthene	23.509	252	9284	0.330	ng/ul	97
26) Benzo(a)pyrene	24.137	252	8161	0.309	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.961	276	10841	0.307	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.998	278	7348	0.310	ng/ul	96
29) Benzo(g,h,i)perylene	27.803	276	9725	0.329	ng/ul	99

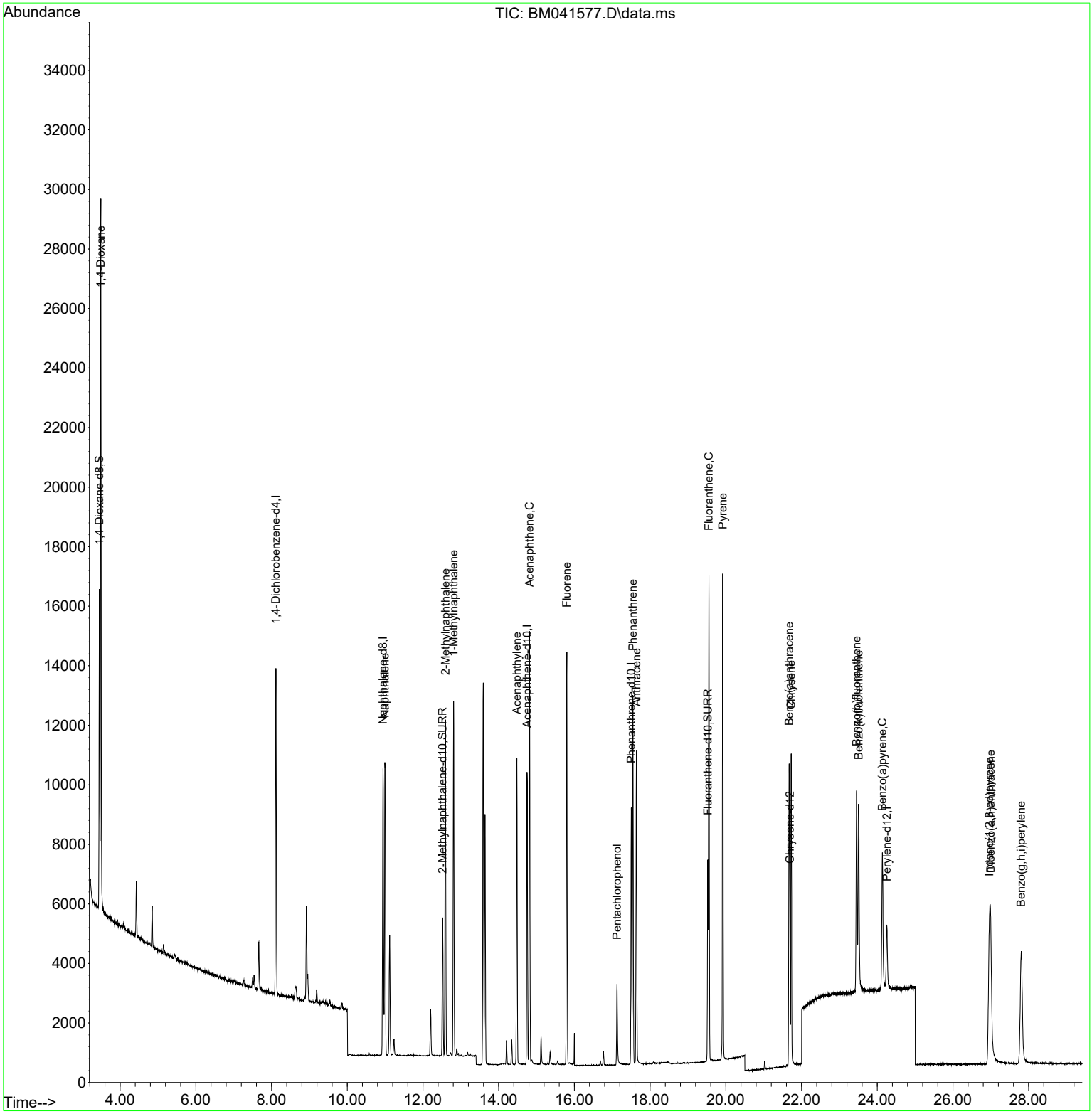
(#) = qualifier out of range (m) = manual integration (+) = signals summed

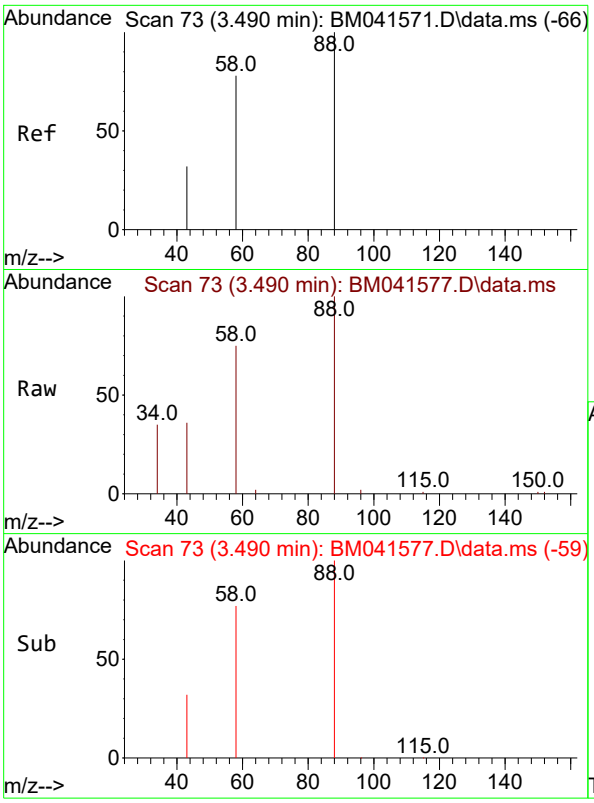
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
Data File : BM041577.D
Acq On : 30 Aug 2023 13:19
Operator : MA/JU
Sample : PB155102BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS102

Quant Time: Aug 31 02:17:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 30 01:50:06 2023
Response via : Initial Calibration



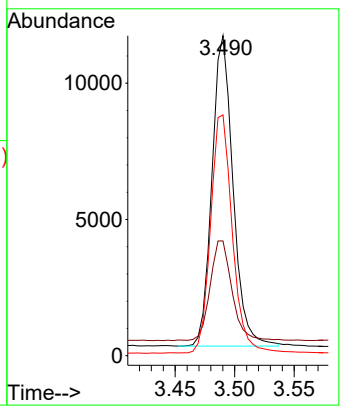


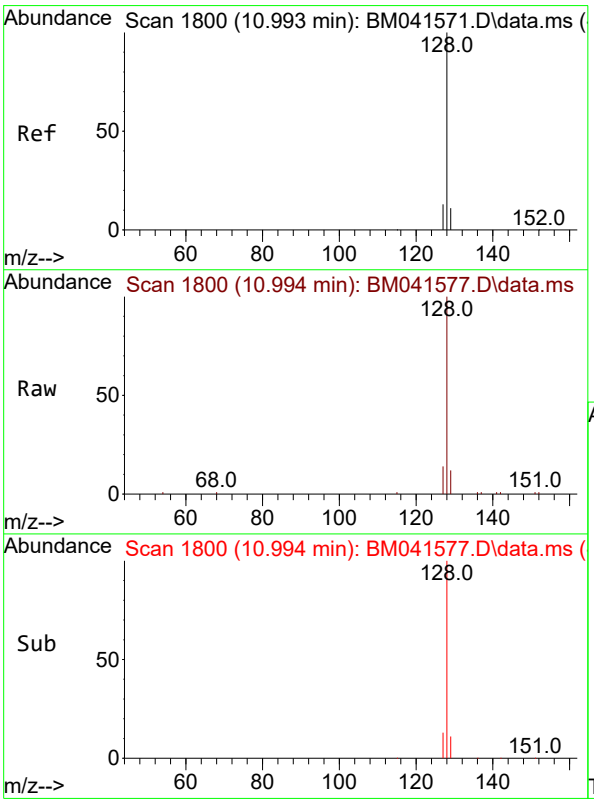
#2
1,4-Dioxane
Concen: 1.637 ng/ul
RT: 3.490 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS102

Tgt Ion: 88 Resp: 14016

Ion	Ratio	Lower	Upper
88	100		
43	35.8	46.2	69.2#
58	75.3	58.1	87.1

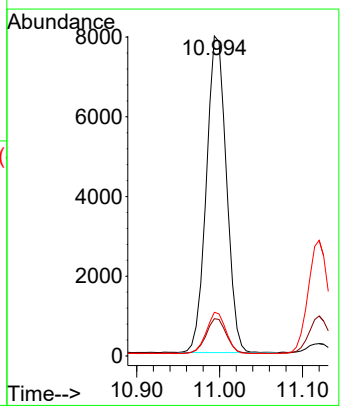


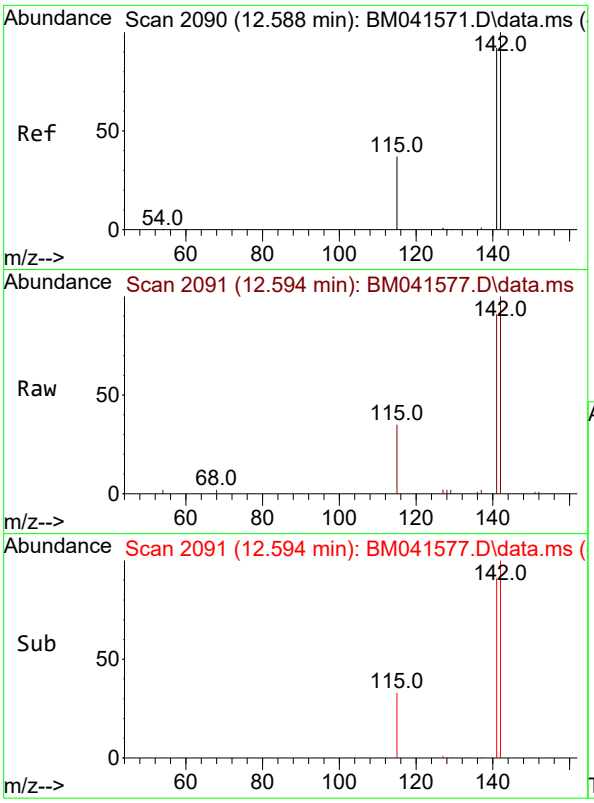


#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.994 min Scan# 1800
Delta R.T. -0.005 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:128 Resp: 13364

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.7	10.6	15.8



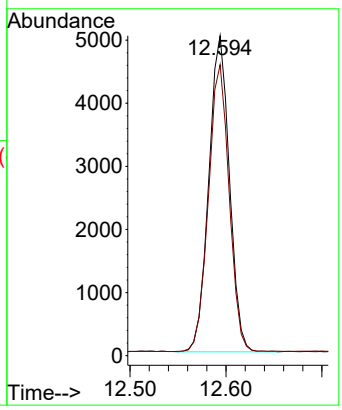


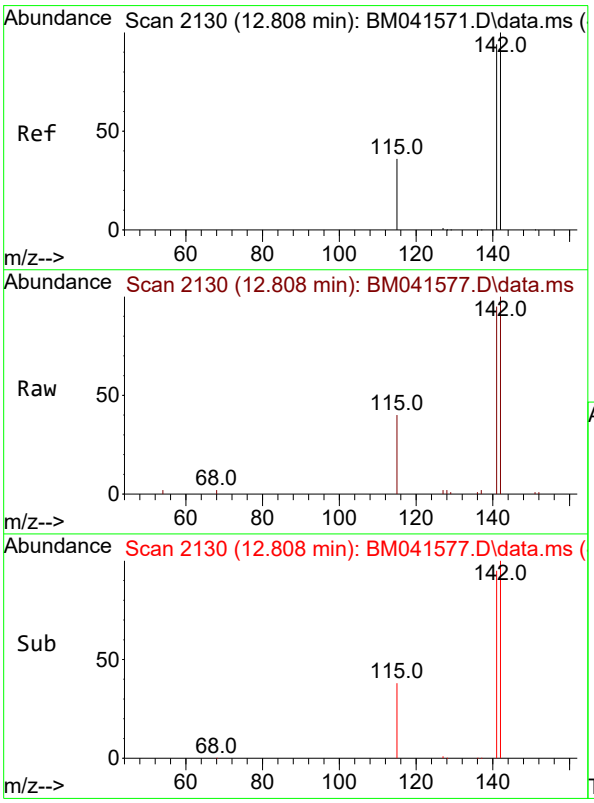
#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.594 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS102

Tgt Ion:142 Resp: 7479

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.8	107.8

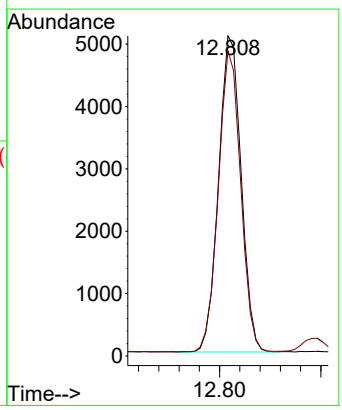


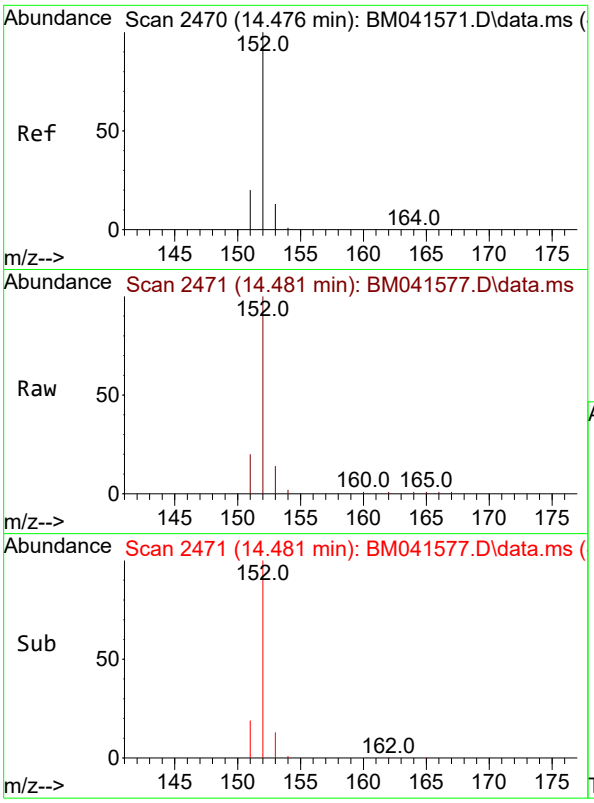


#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:142 Resp: 7844

Ion	Ratio	Lower	Upper
142	100		
141	94.0	74.2	111.2



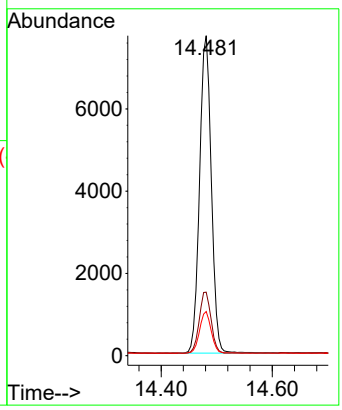


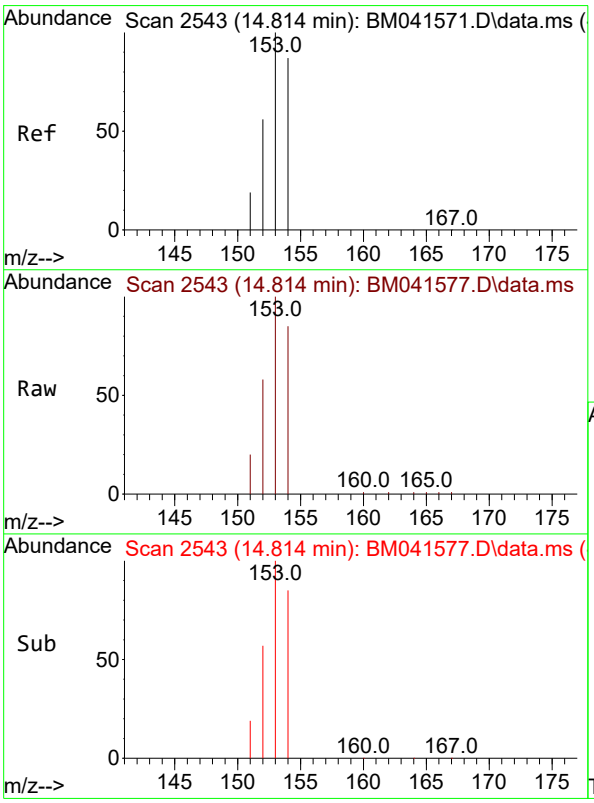
#10
Acenaphthylene
Concen: 0.339 ng/ul
RT: 14.481 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS102

Tgt Ion:152 Resp: 11361

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.8	10.6	15.8

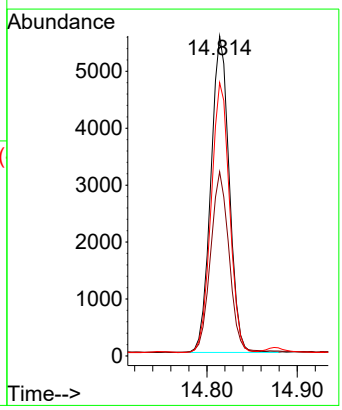


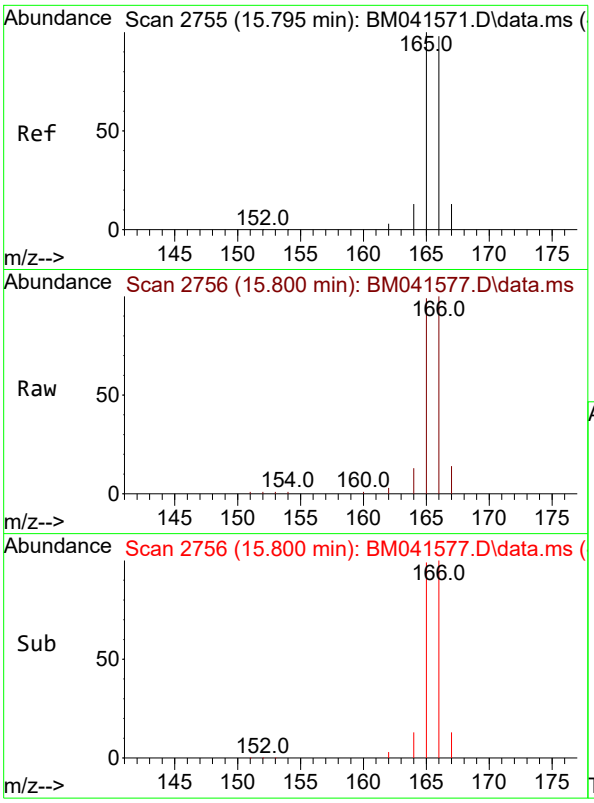


#11
Acenaphthene
Concen: 0.339 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.004 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:153 Resp: 7831

Ion	Ratio	Lower	Upper
153	100		
152	57.6	43.4	65.2
154	85.4	70.2	105.2



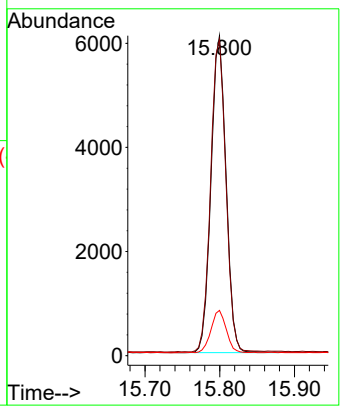


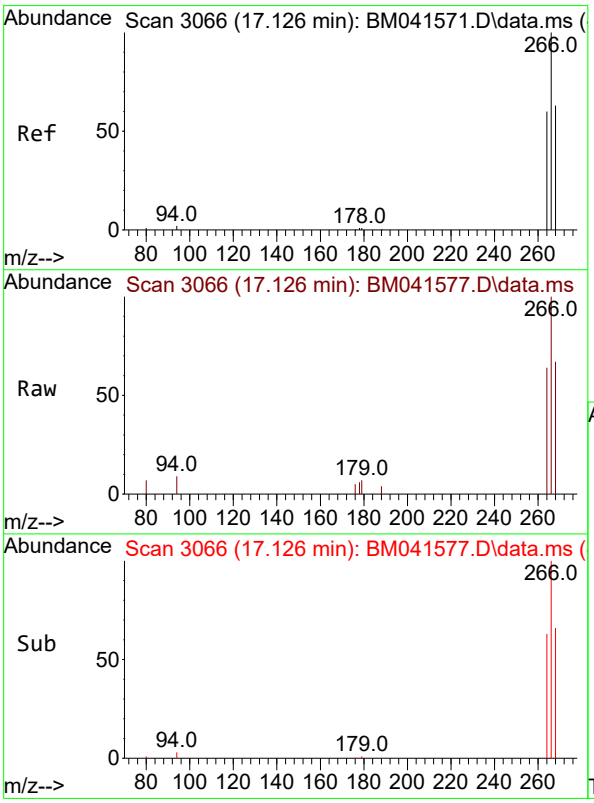
#12
Fluorene
Concen: 0.338 ng/ul
RT: 15.800 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS102

Tgt Ion:166 Resp: 8500

Ion	Ratio	Lower	Upper
166	100		
165	98.9	82.2	123.2
167	14.2	11.5	17.3

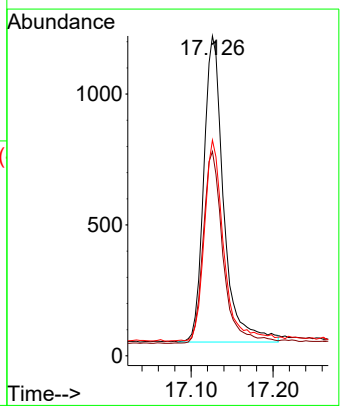


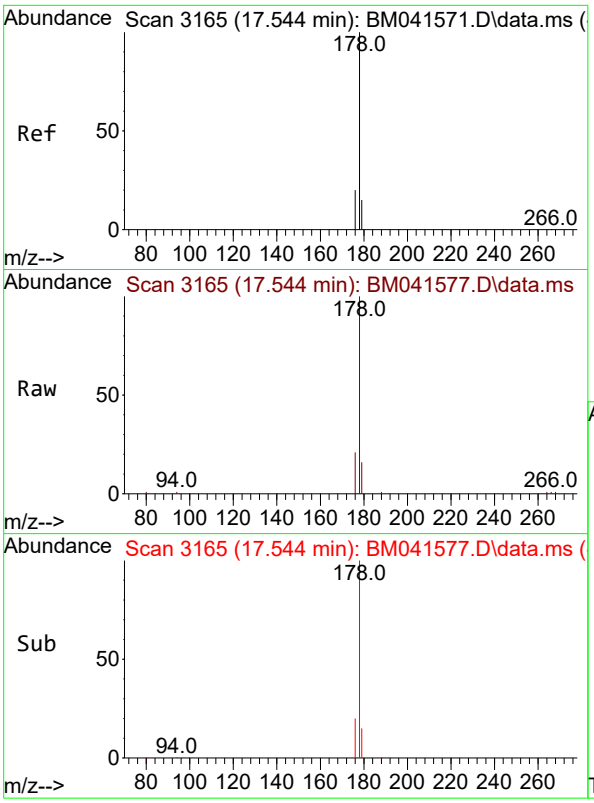


#14
Pentachlorophenol
Concen: 0.580 ng/ul
RT: 17.126 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:266 Resp: 1967

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.3	73.9
268	64.4	50.2	75.4



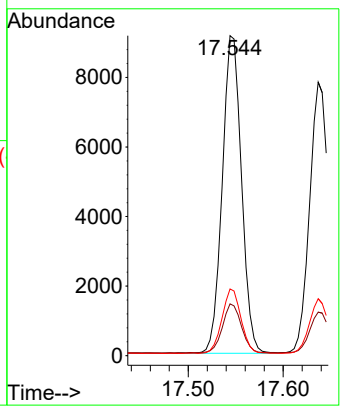


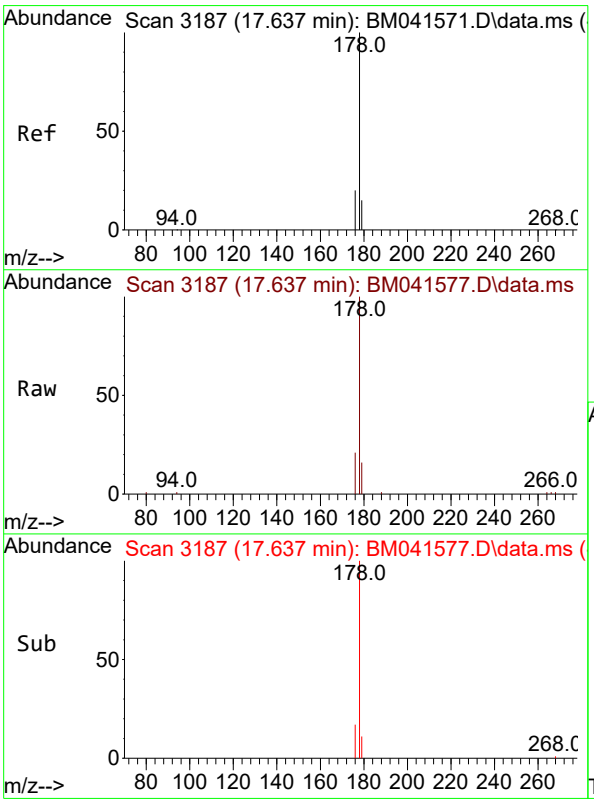
#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.544 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS102

Tgt Ion:178 Resp: 12846

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	20.9	16.2	24.4

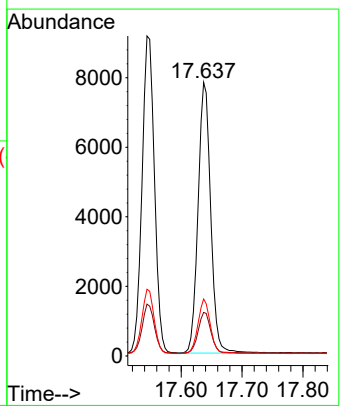


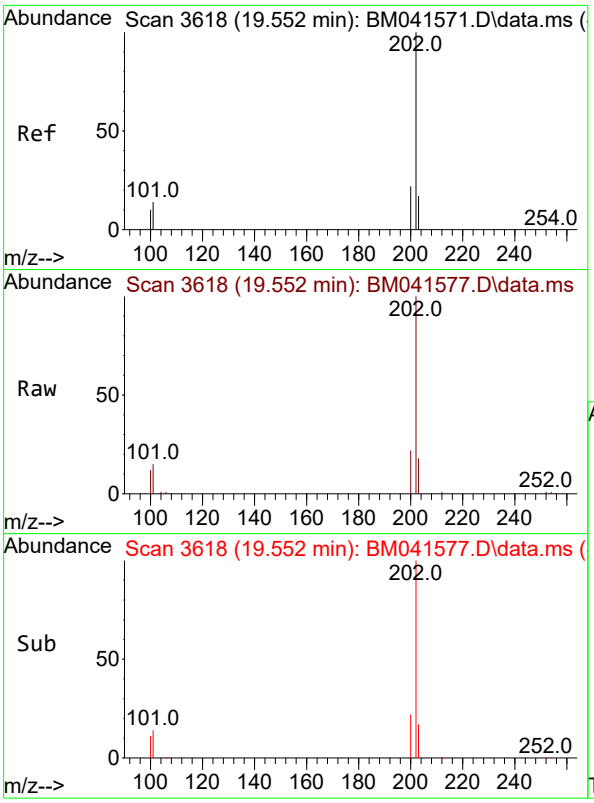


#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.637 min Scan# 3187
Delta R.T. -0.004 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:178 Resp: 11258

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	20.8	15.6	23.4



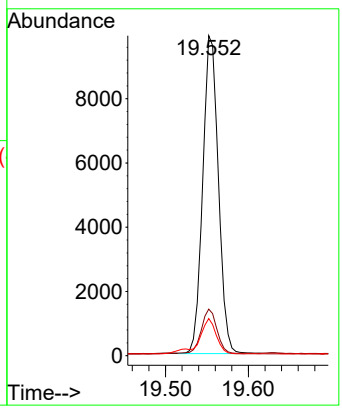


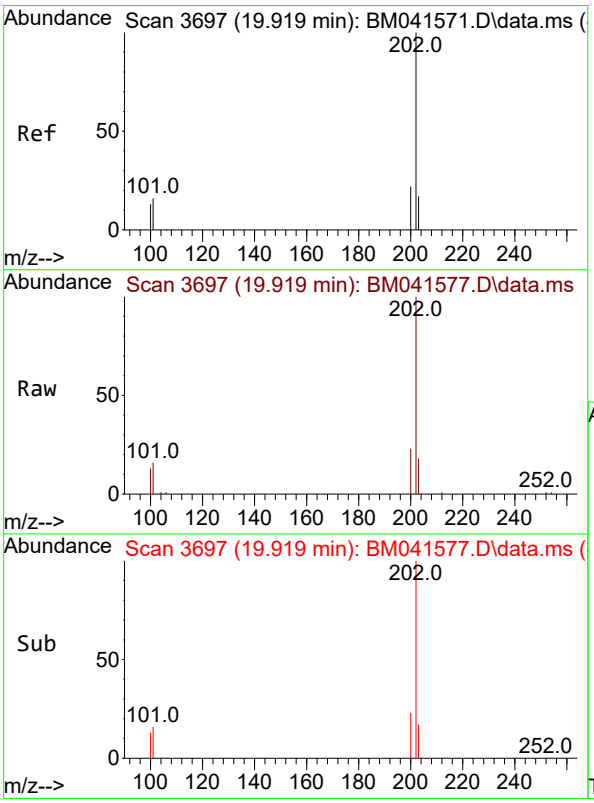
#19
Fluoranthene
Concen: 0.326 ng/ul
RT: 19.552 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS102

Tgt Ion:202 Resp: 12980

Ion	Ratio	Lower	Upper
202	100		
101	14.6	10.7	16.1
100	11.6	8.1	12.1

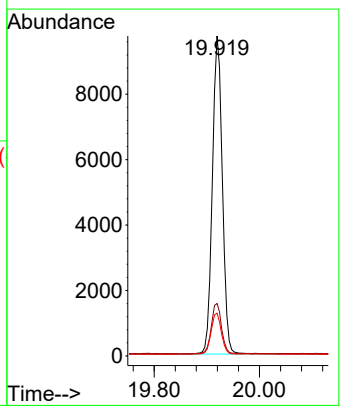


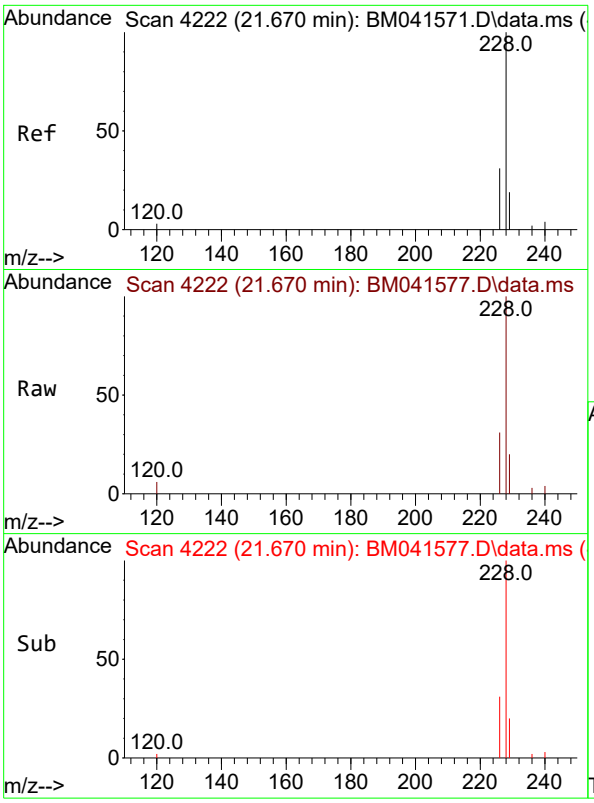


#20
Pyrene
Concen: 0.320 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.004 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:202 Resp: 12822

Ion	Ratio	Lower	Upper
202	100		
101	16.4	12.2	18.4
100	13.4	9.8	14.8



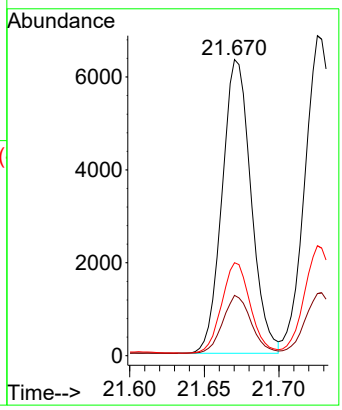


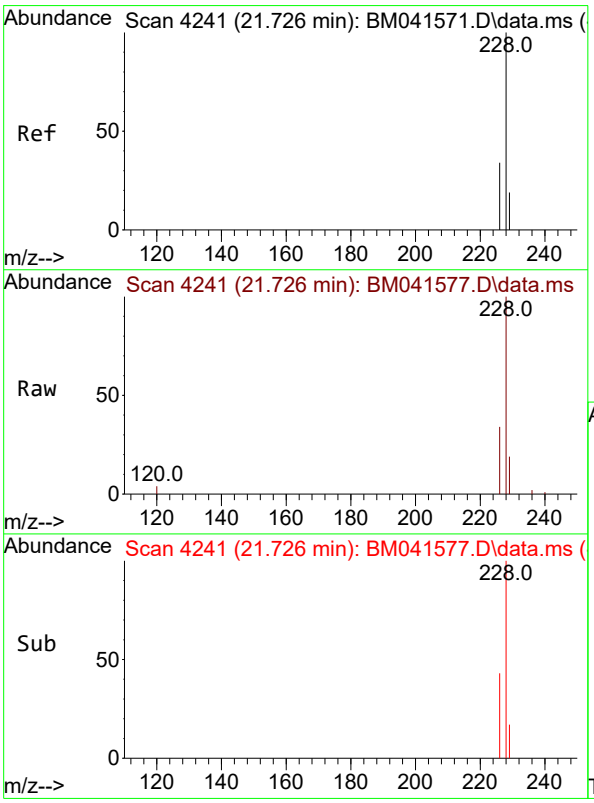
#21
Benzo(a)anthracene
Concen: 0.315 ng/ul
RT: 21.670 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS102

Tgt Ion:228 Resp: 8549

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.6	23.4
226	31.4	25.0	37.4

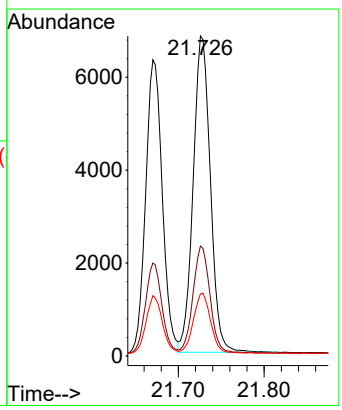


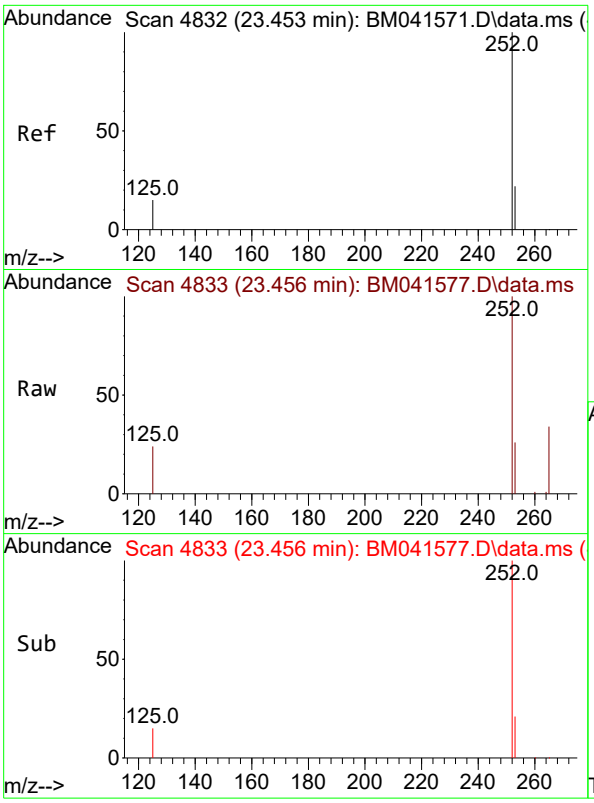


#22
Chrysene
Concen: 0.326 ng/ul
RT: 21.726 min Scan# 4241
Delta R.T. -0.003 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:228 Resp: 9501

Ion	Ratio	Lower	Upper
228	100		
226	34.3	26.7	40.1
229	19.4	15.9	23.9



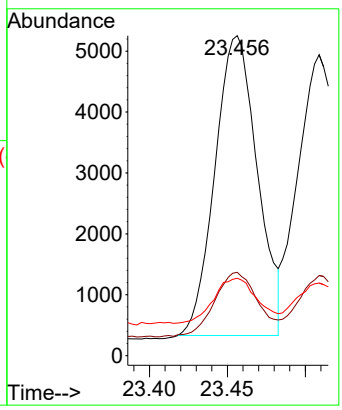


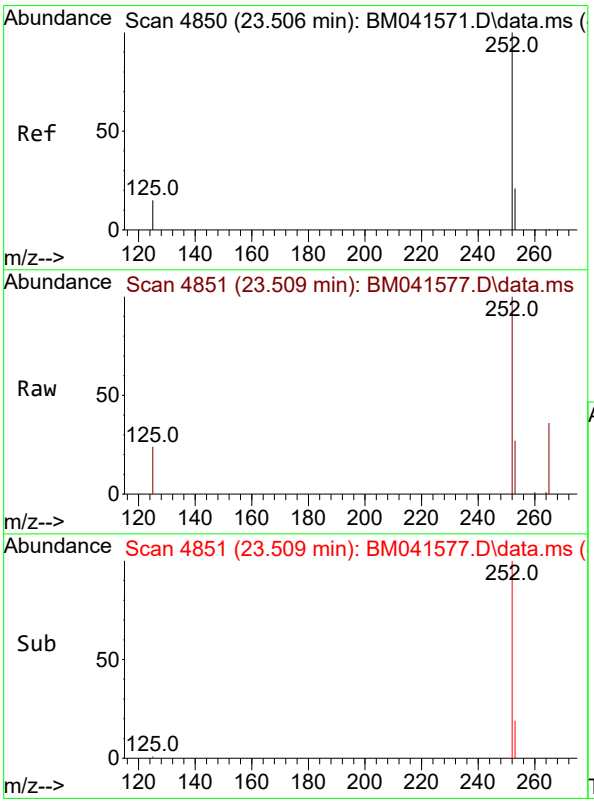
#24
Benzo(b)fluoranthene
Concen: 0.316 ng/ul
RT: 23.456 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS102

Tgt Ion:252 Resp: 9355

Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	50.0
125	24.2	0.0	44.0

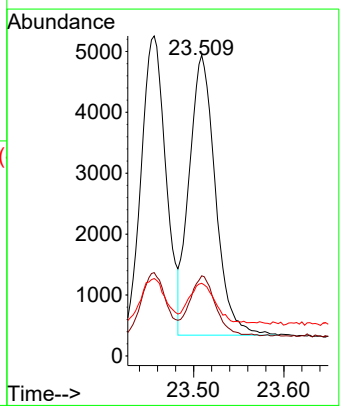


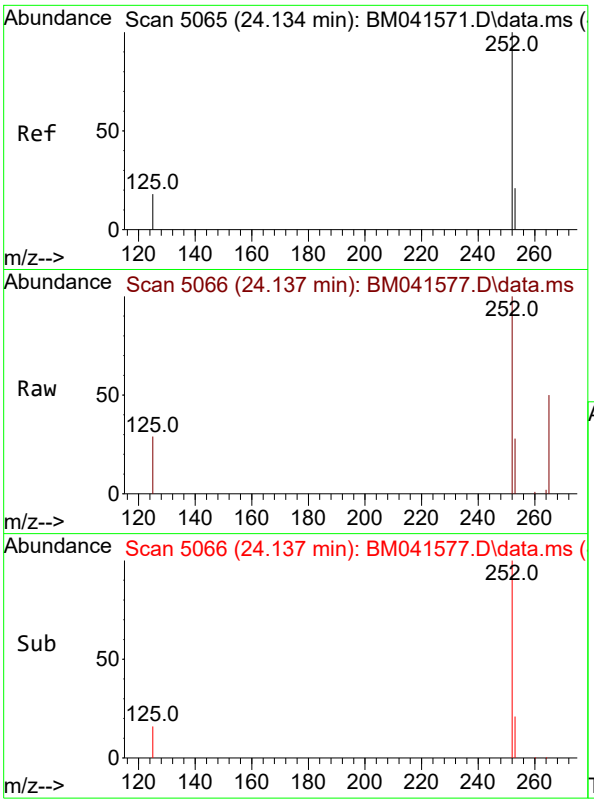


#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul
RT: 23.509 min Scan# 4851
Delta R.T. -0.003 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:252 Resp: 9284

Ion	Ratio	Lower	Upper
252	100		
253	26.6	20.2	30.4
125	24.1	18.2	27.4



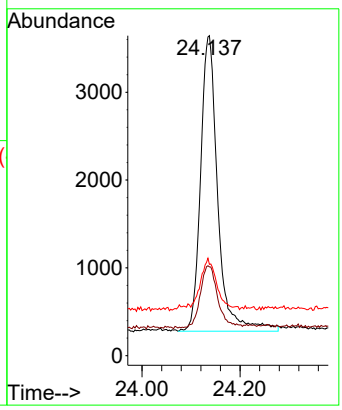


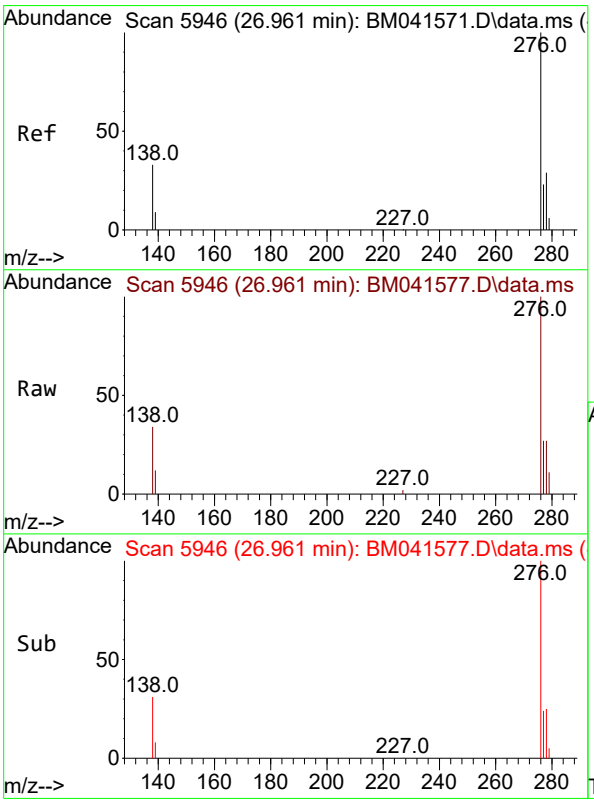
#26
Benzo(a)pyrene
Concen: 0.309 ng/ul
RT: 24.137 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS102

Tgt Ion:252 Resp: 8161

Ion	Ratio	Lower	Upper
252	100		
253	27.8	20.9	31.3
125	28.5	21.1	31.7

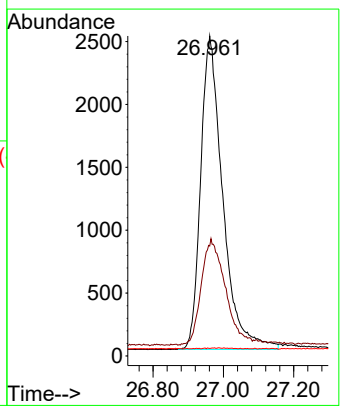


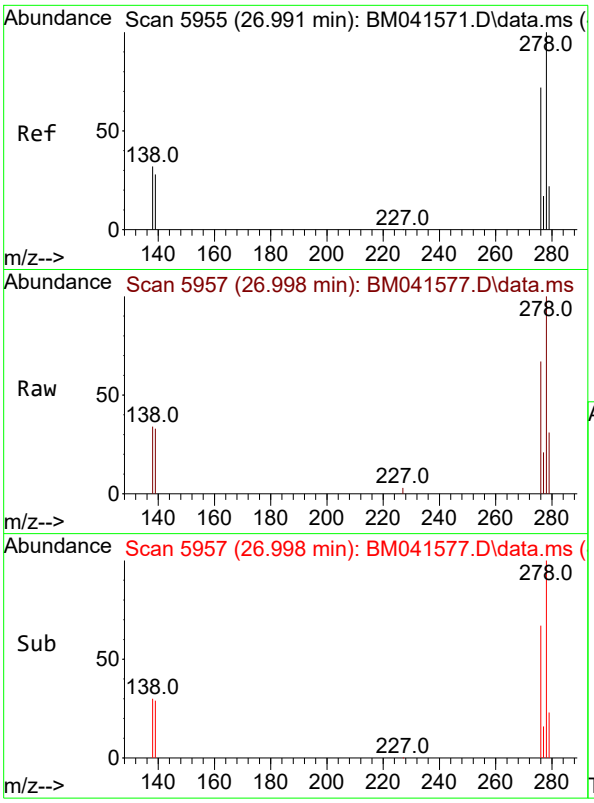


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.307 ng/ul
RT: 26.961 min Scan# 5946
Delta R.T. -0.003 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:276 Resp: 10841

Ion	Ratio	Lower	Upper
276	100		
138	38.2	30.3	45.5
227	0.0	0.1	0.1#



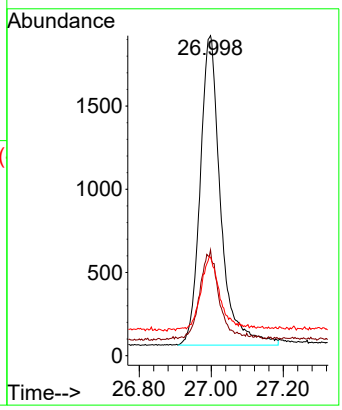


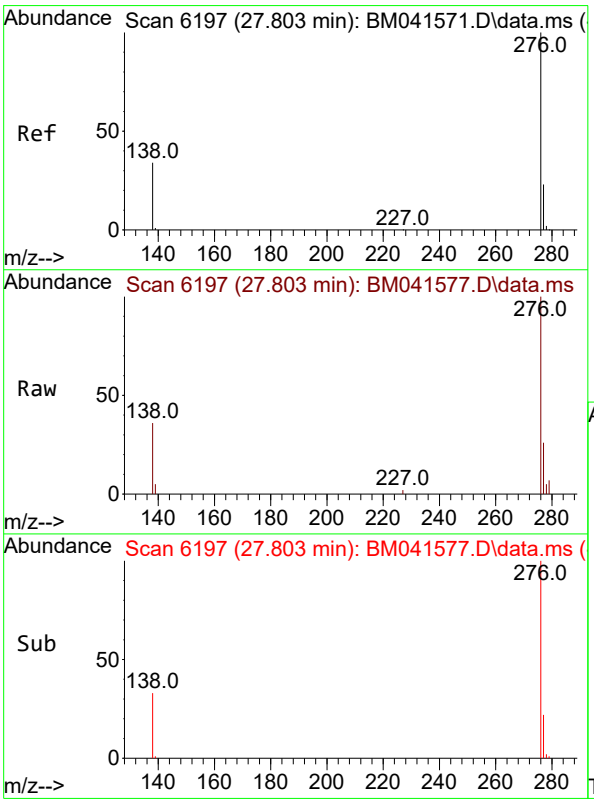
#28
Dibenzo(a,h)anthracene
Concen: 0.310 ng/ul
RT: 26.998 min Scan# 5
Delta R.T. 0.004 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS102

Tgt Ion:278 Resp: 7348

Ion	Ratio	Lower	Upper
278	100		
139	33.0	25.0	37.4
279	30.7	22.6	34.0





#29
Benzo(g,h,i)perylene
Concen: 0.329 ng/ul
RT: 27.803 min Scan# 6197
Delta R.T. -0.003 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:276 Resp: 9725

Ion	Ratio	Lower	Upper
276	100		
138	35.5	27.4	41.0
277	25.7	20.4	30.6