Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041068.D
Acq On : 22 Jul 2023 23:46
Operator : MA/JU
Sample : PB154124BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS124

Quant Time: Jul 23 00:44:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	3962	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	16213	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.513	164	9969	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.274	188	18871	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.463	240	12863	0.400	ng/ul	# 0.00
23) Perylene-d12	23.857	264	13008	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	3292	0.505	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	7911	0.366	ng/ul	0.00
18) Fluoranthene-d10	19.301	212	14958	0.276	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.309	88	7349	1.072	ng/ul#	73
5) Naphthalene	10.713	128	11963	0.270	ng/ul	100
7) 2-Methylnaphthalene	12.335	142	7458	0.307	ng/ul	100
8) 1-Methylnaphthalene	12.550	142	8275	0.320	ng/ul	100
10) Acenaphthylene	14.236	152	11422	0.274	ng/ul	99
11) Acenaphthene	14.573	153	9250	0.251	ng/ul	99
12) Fluorene	15.573	166	10068	0.264	ng/ul	98
14) Pentachlorophenol	16.932	266	1535	0.404	ng/ul	99
15) Phenanthrene	17.312	178	14856	0.263	ng/ul	99
16) Anthracene	17.409	178	12309	0.280	ng/ul	99
19) Fluoranthene	19.334	202	16012	0.241	ng/ul	94
20) Pyrene	19.696	202	16550	0.244	ng/ul	95
21) Benzo(a)anthracene	21.448	228	12351	0.315	ng/ul	99
22) Chrysene	21.501	228	12947	0.289	ng/ul	100
24) Benzo(b)fluoranthene	23.123	252	12704	0.254	ng/ul	95
25) Benzo(k)fluoranthene	23.172	252	12599	0.266	ng/ul	95
26) Benzo(a)pyrene	23.748	252	11379	0.264	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.324	276	15626	0.273	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.344	278	12297	0.284	ng/ul	94
29) Benzo(g,h,i)perylene	27.085	276	13648	0.258	ng/ul#	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041068.D
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Sample : PB154124BS
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 23 00:44:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
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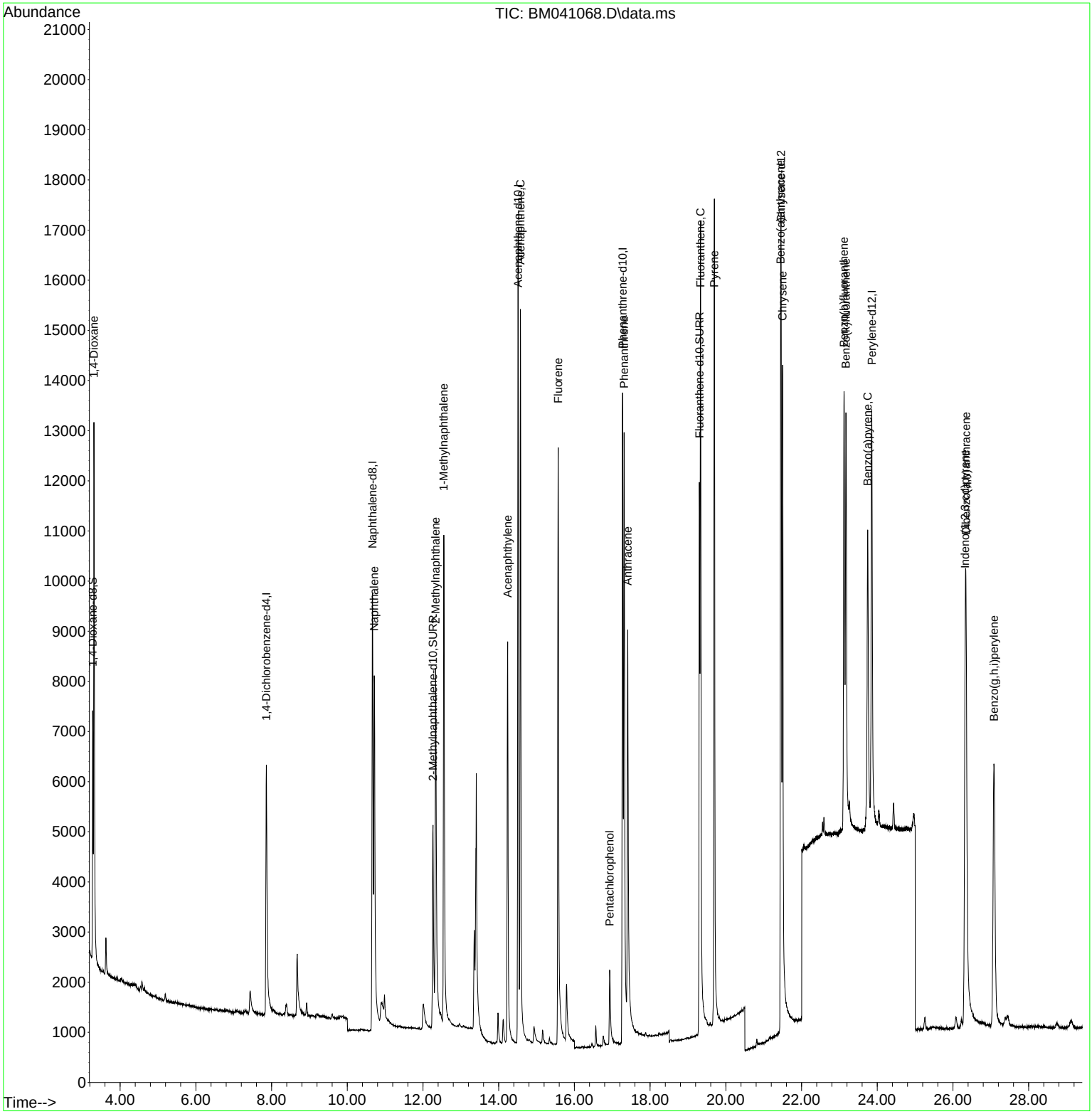
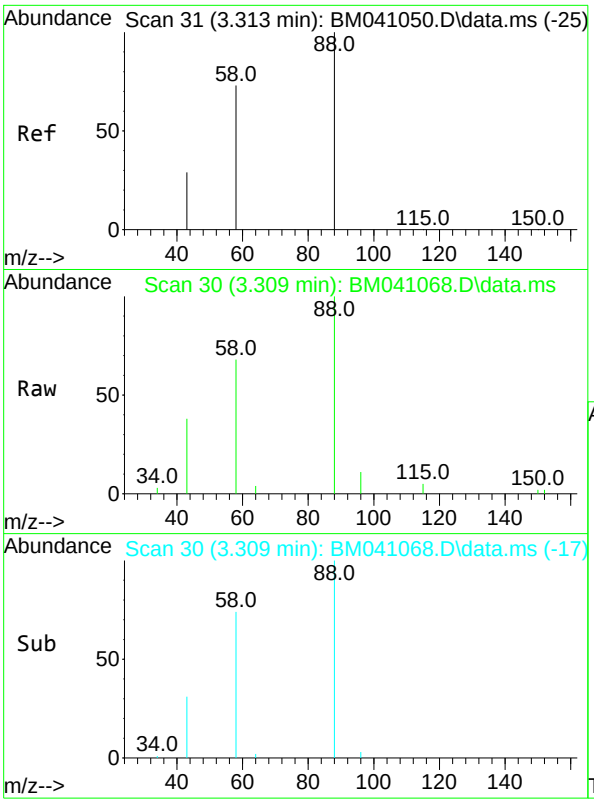


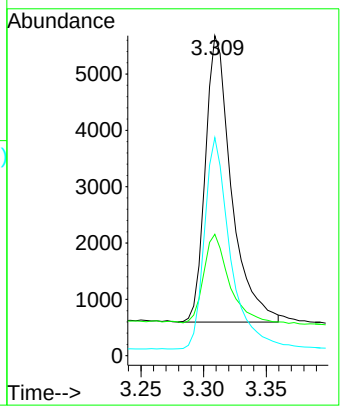


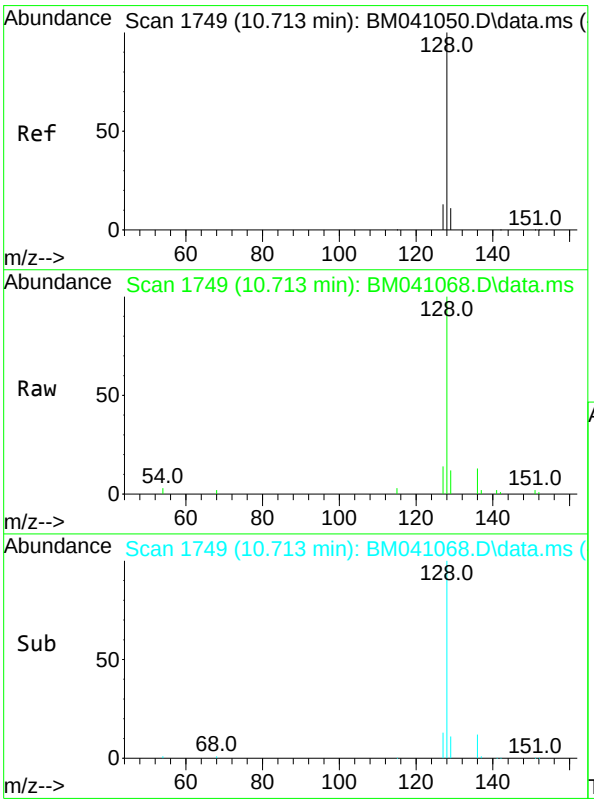
#2
1,4-Dioxane
Concen: 1.072 ng/ul
RT: 3.309 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Instrument :
BNA_M
ClientSampleId :
SLCS124

Tgt Ion: 88 Resp: 7349

Ion	Ratio	Lower	Upper
88	100		
43	38.0	46.7	70.1#
58	68.2	40.3	60.5#

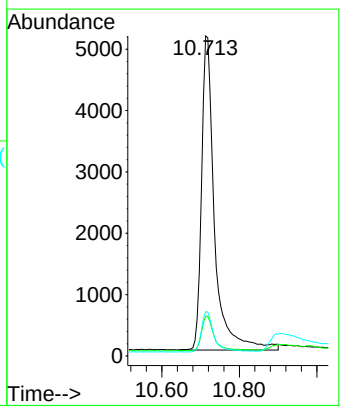


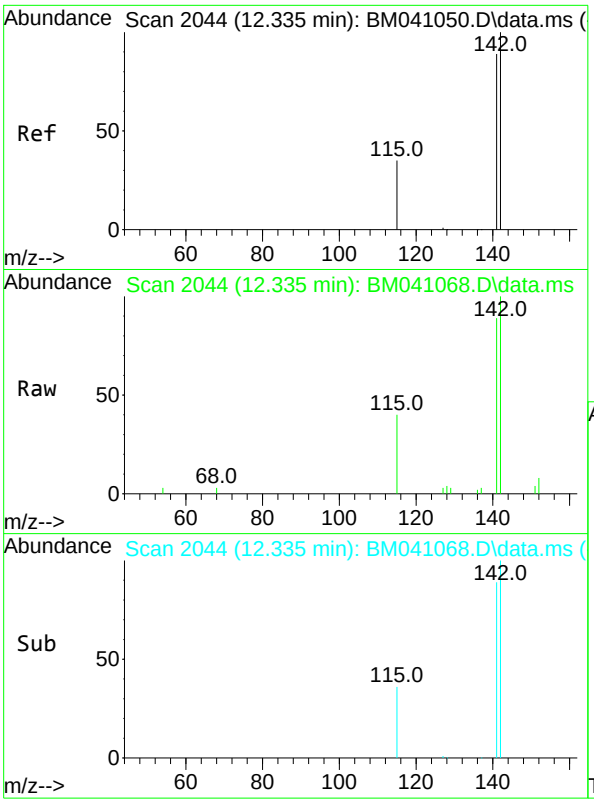


#5
Naphthalene
Concen: 0.270 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Tgt Ion:128 Resp: 11963

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.8	14.8
127	13.8	11.0	16.4



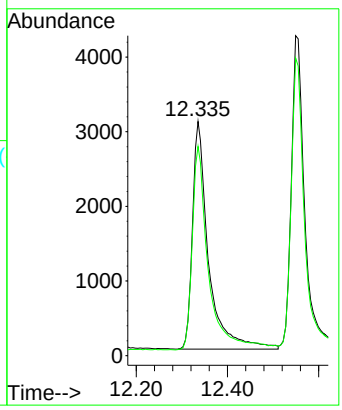


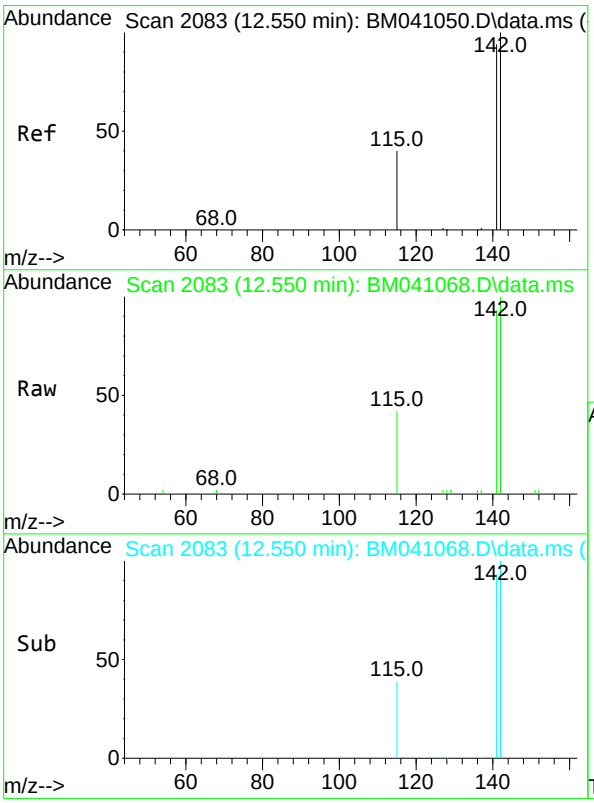
#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.335 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Instrument :
BNA_M
ClientSampleId :
SLCS124

Tgt Ion:142 Resp: 7458

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.2	109.8

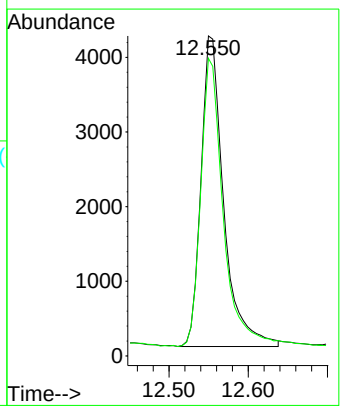


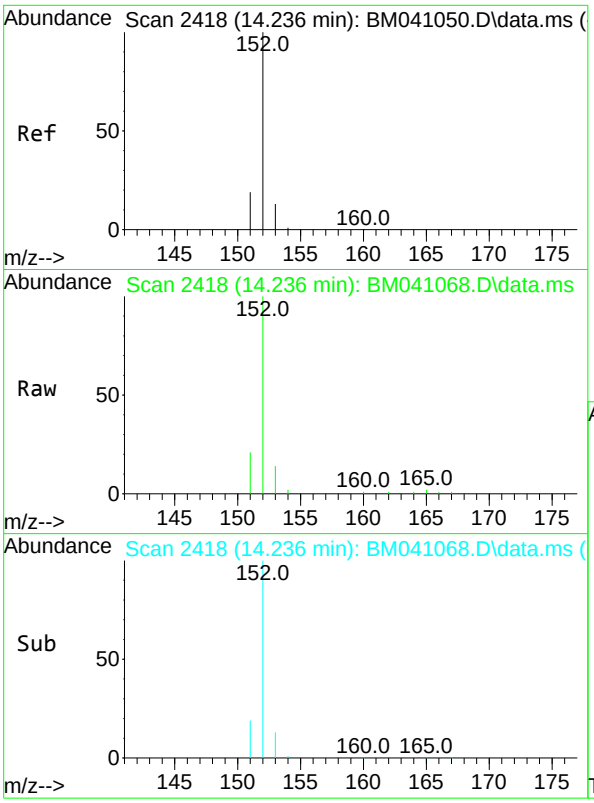


#8
1-Methylnaphthalene
Concen: 0.320 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Tgt Ion:142 Resp: 8275

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.4	110.2



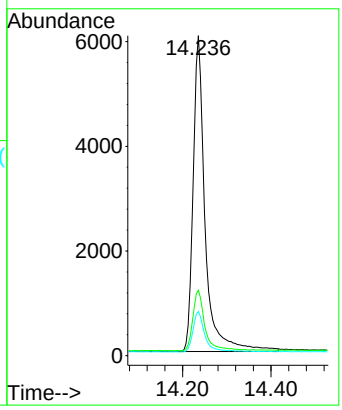


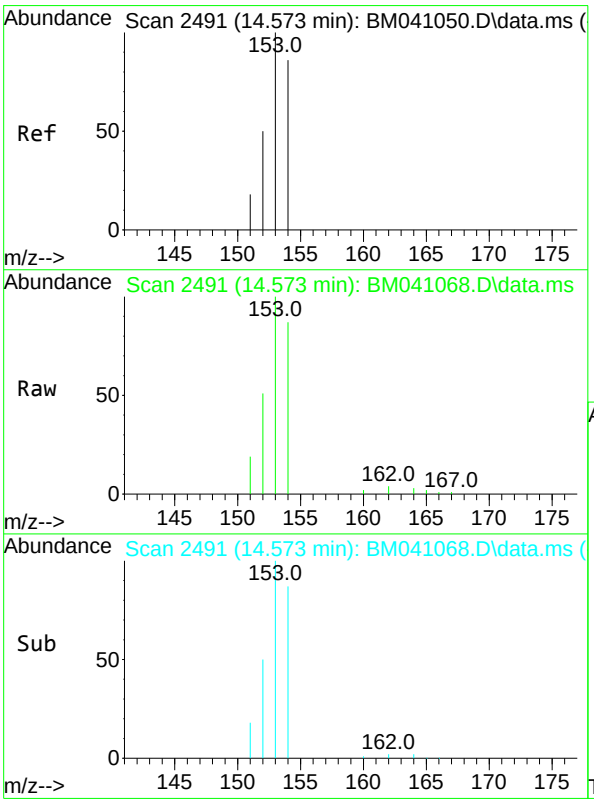
#10
Acenaphthylene
Concen: 0.274 ng/ul
RT: 14.236 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Instrument :
BNA_M
ClientSampleId :
SLCS124

Tgt Ion:152 Resp: 11422

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.8	11.6	17.4

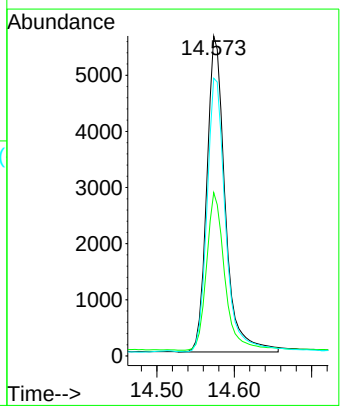


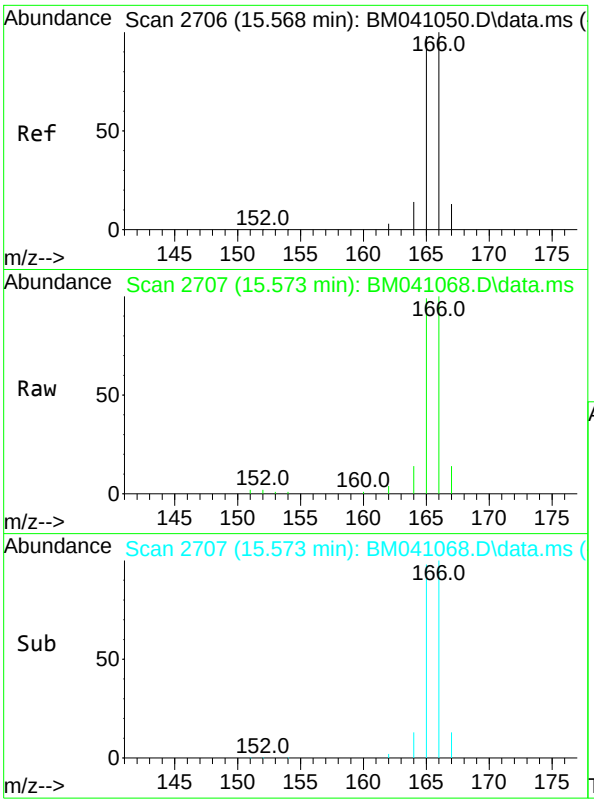


#11
Acenaphthene
Concen: 0.251 ng/ul
RT: 14.573 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Tgt Ion:153 Resp: 9250

Ion	Ratio	Lower	Upper
153	100		
152	51.0	41.0	61.6
154	86.8	68.2	102.2



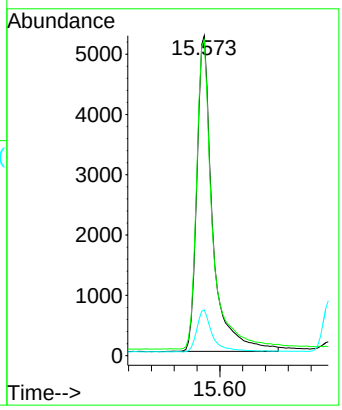


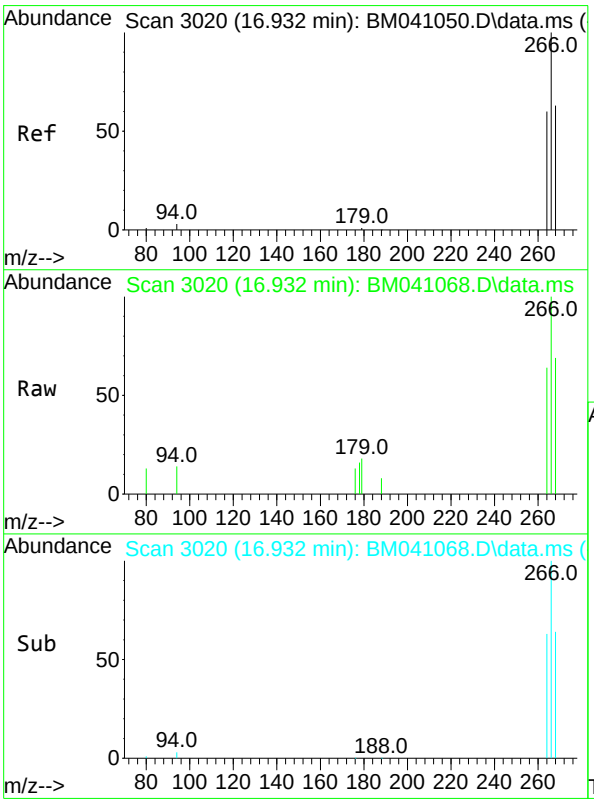
#12
Fluorene
Concen: 0.264 ng/ul
RT: 15.573 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Instrument :
BNA_M
ClientSampleId :
SLCS124

Tgt Ion:166 Resp: 10068

Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.3	120.5
167	14.3	11.7	17.5

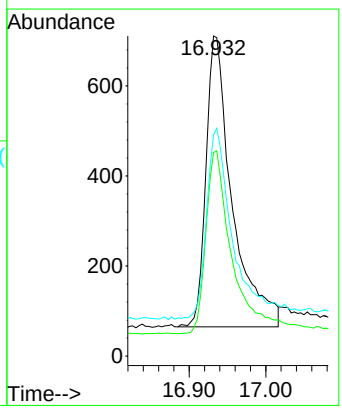


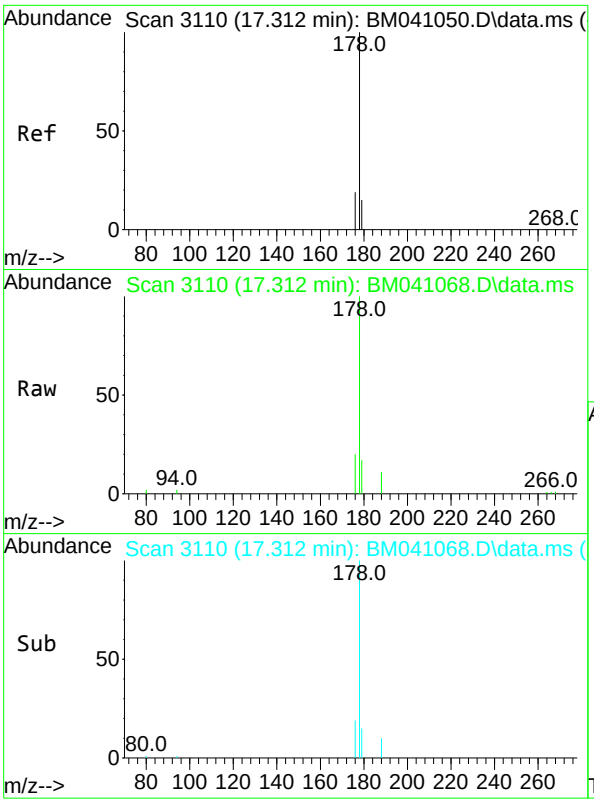


#14
Pentachlorophenol
Concen: 0.404 ng/ul
RT: 16.932 min Scan# 3020
Delta R.T. -0.004 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Tgt Ion:266 Resp: 1535

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.7	76.1
268	65.7	52.8	79.2



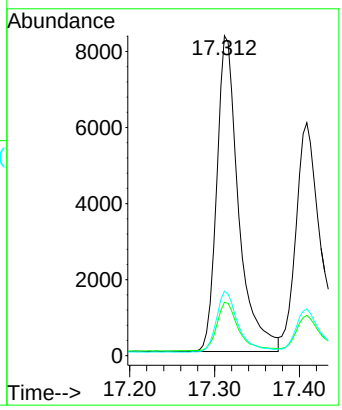


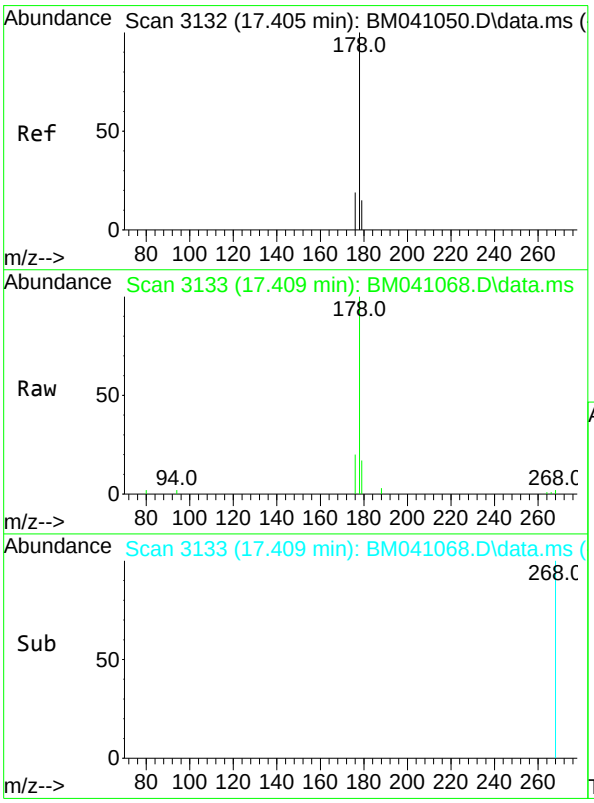
#15
Phenanthrene
Concen: 0.263 ng/ul
RT: 17.312 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Instrument :
BNA_M
ClientSampleId :
SLCS124

Tgt Ion:178 Resp: 14856

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.6
176	20.2	16.2	24.4

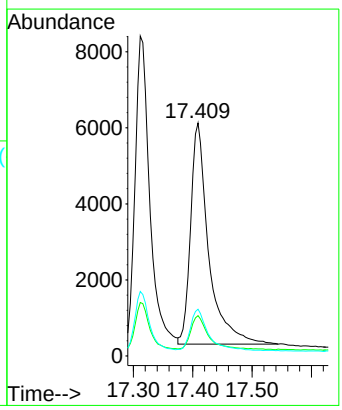


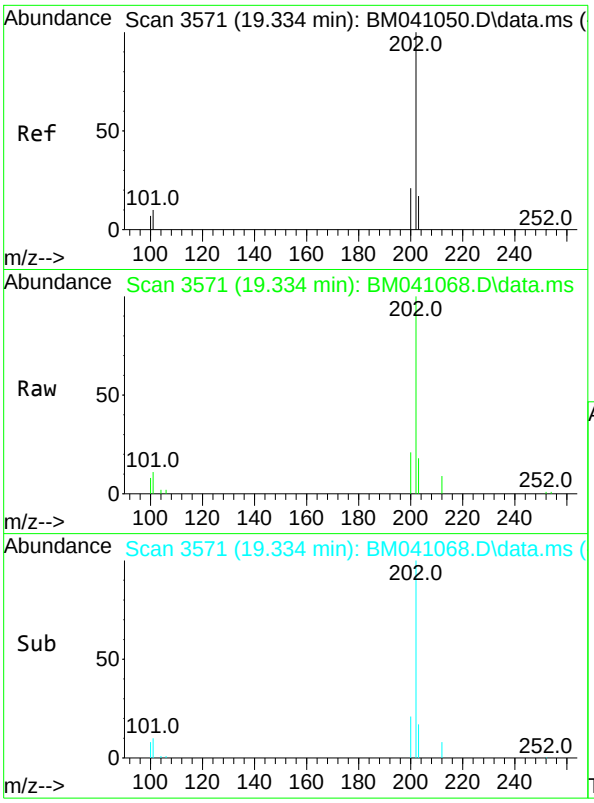


#16
Anthracene
Concen: 0.280 ng/ul
RT: 17.409 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Tgt Ion:178 Resp: 12309

Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.7	20.5
176	20.0	16.4	24.6



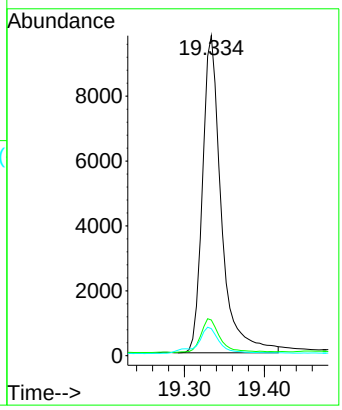


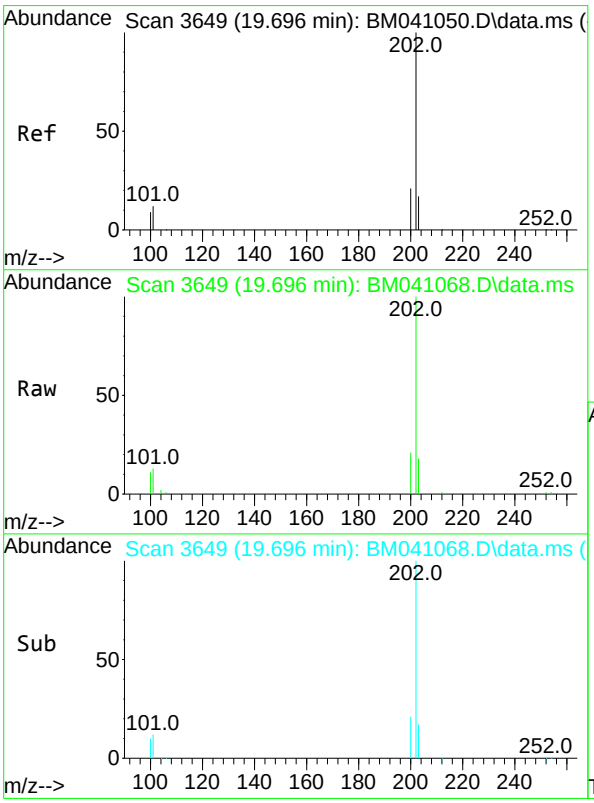
#19
Fluoranthene
Concen: 0.241 ng/ul
RT: 19.334 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Instrument :
BNA_M
ClientSampleId :
SLCS124

Tgt Ion:202 Resp: 16012

Ion	Ratio	Lower	Upper
202	100		
101	11.1	11.0	16.4
100	8.5	8.3	12.5

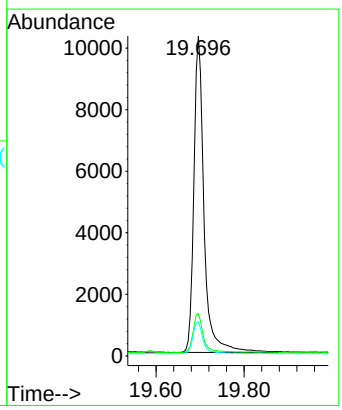


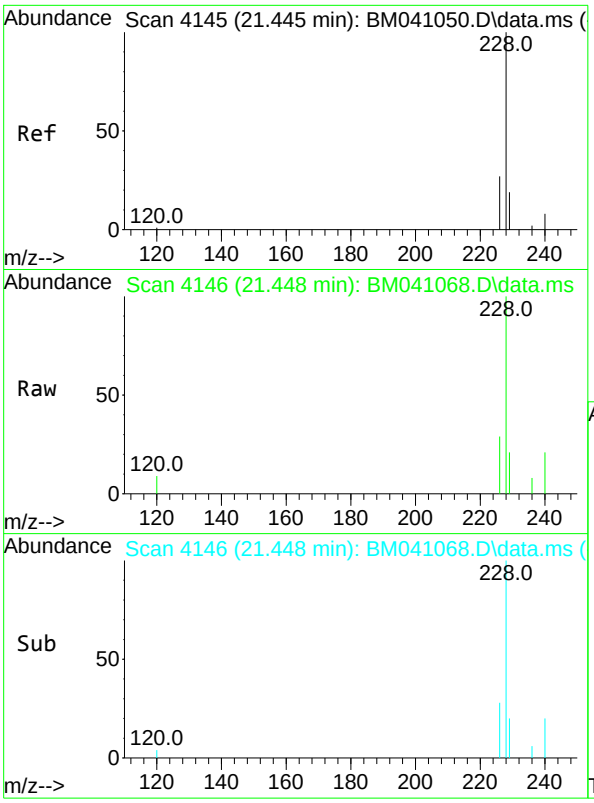


#20
Pyrene
Concen: 0.244 ng/ul
RT: 19.696 min Scan# 3649
Delta R.T. 0.000 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Tgt Ion:202 Resp: 16550

Ion	Ratio	Lower	Upper
202	100		
101	13.2	12.5	18.7
100	10.7	10.0	15.0



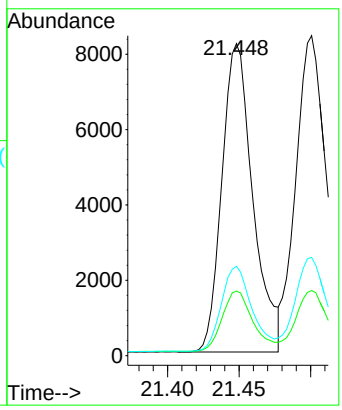


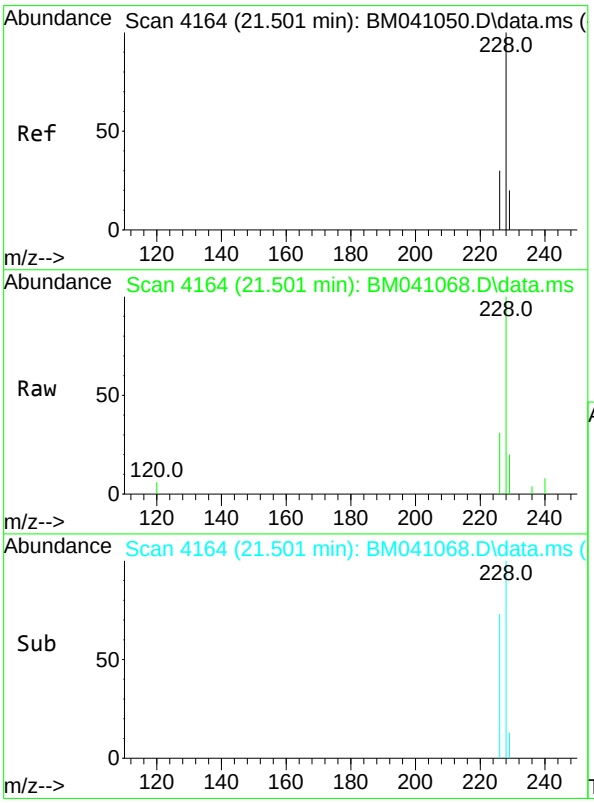
#21
Benzo(a)anthracene
Concen: 0.315 ng/ul
RT: 21.448 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Instrument :
BNA_M
ClientSampleId :
SLCS124

Tgt Ion:228 Resp: 12351

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.4
226	28.6	22.3	33.5

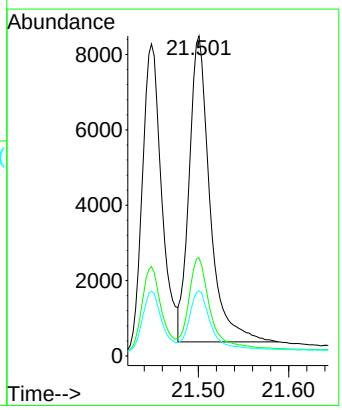


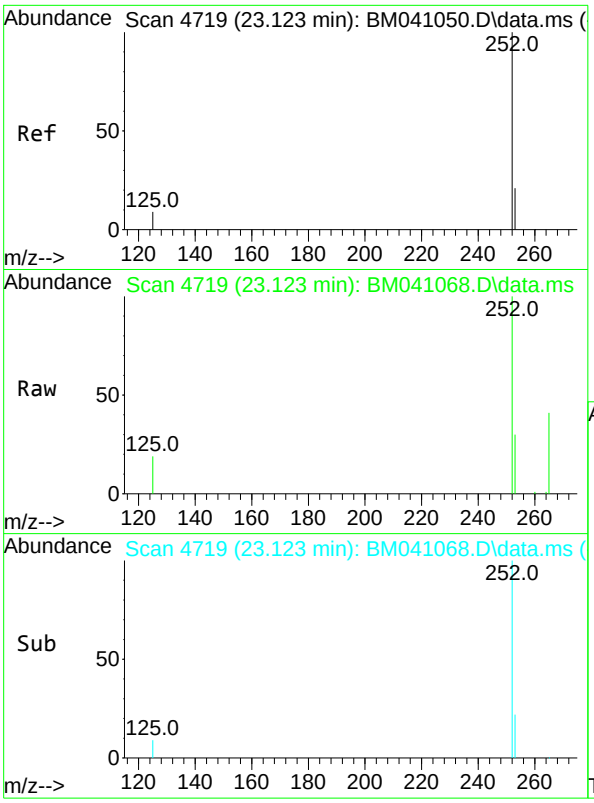


#22
Chrysene
Concen: 0.289 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. -0.000 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Tgt Ion:228 Resp: 12947

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	20.4	16.1	24.1



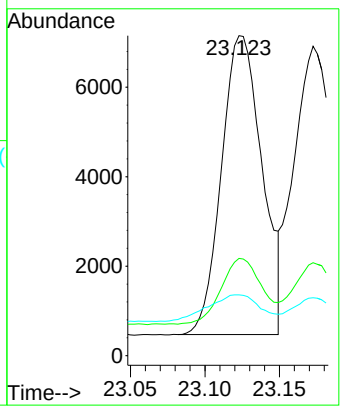


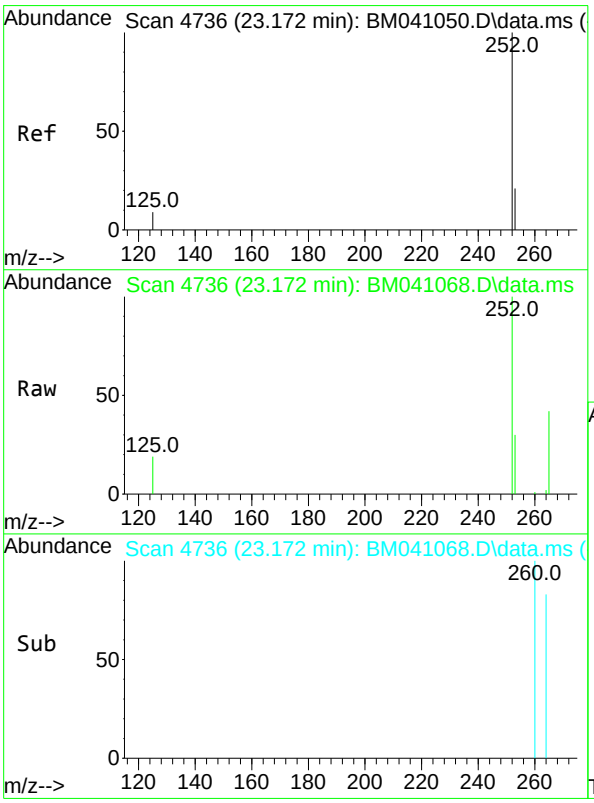
#24
Benzo(b)fluoranthene
Concen: 0.254 ng/ul
RT: 23.123 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Instrument :
BNA_M
ClientSampleId :
SLCS124

Tgt Ion:252 Resp: 12704

Ion	Ratio	Lower	Upper
252	100		
253	30.4	0.0	57.4
125	19.0	0.0	45.2

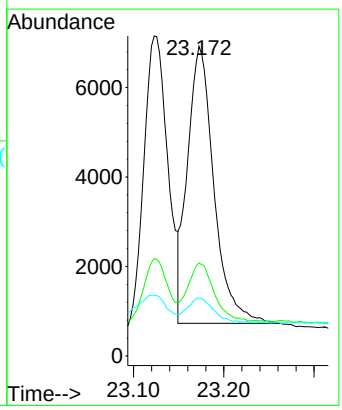


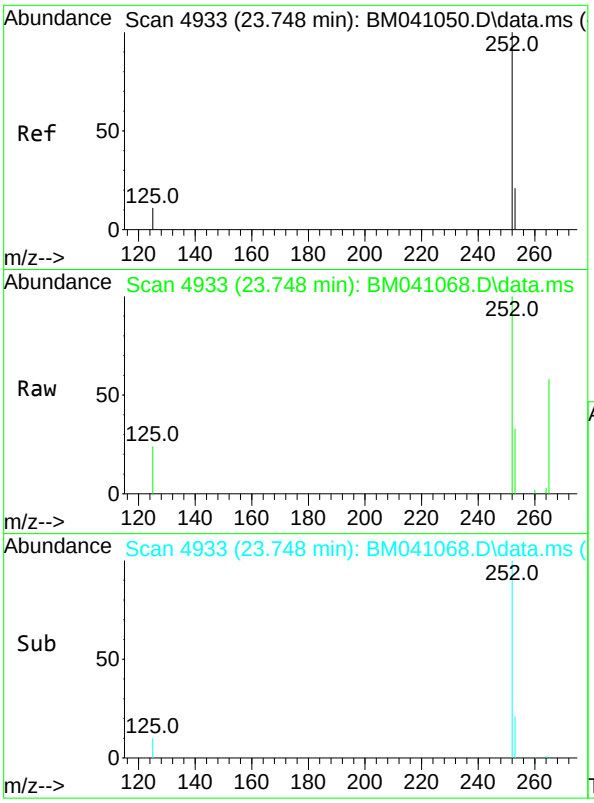


#25
Benzo(k)fluoranthene
Concen: 0.266 ng/ul
RT: 23.172 min Scan# 4736
Delta R.T. -0.000 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Tgt Ion:252 Resp: 12599

Ion	Ratio	Lower	Upper
252	100		
253	30.0	23.3	34.9
125	18.7	18.2	27.2



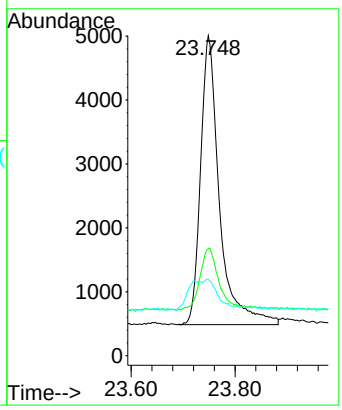


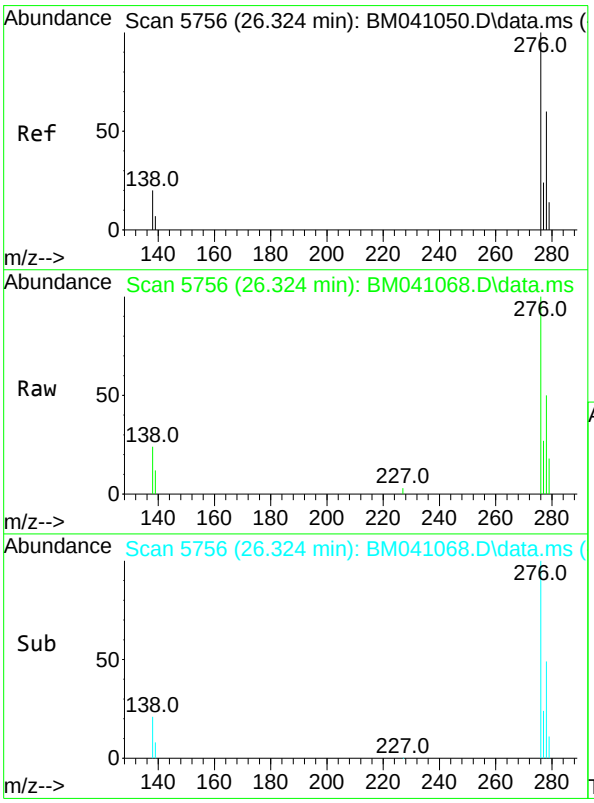
#26
Benzo(a)pyrene
Concen: 0.264 ng/ul
RT: 23.748 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Instrument :
BNA_M
ClientSampleId :
SLCS124

Tgt Ion:252 Resp: 11379

Ion	Ratio	Lower	Upper
252	100		
253	33.5	28.2	42.2
125	23.9	25.2	37.8#

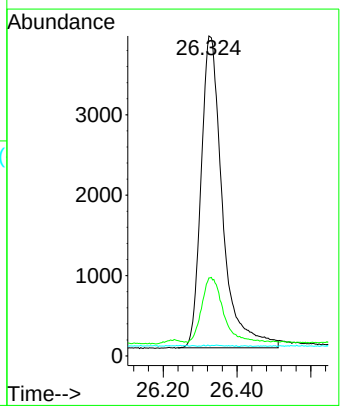


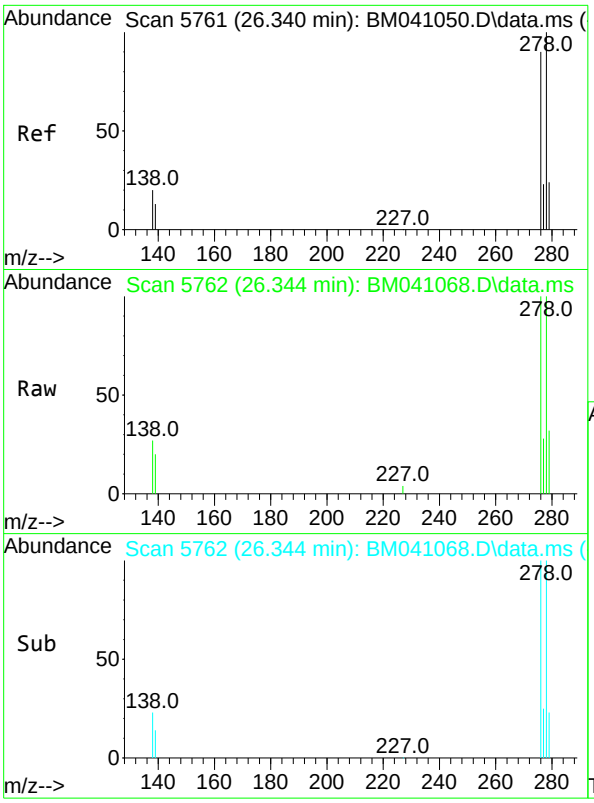


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.273 ng/ul
RT: 26.324 min Scan# 5756
Delta R.T. -0.003 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Tgt Ion:276 Resp: 15626

Ion	Ratio	Lower	Upper
276	100		
138	21.6	22.3	33.5#
227	0.0	0.0	0.0#



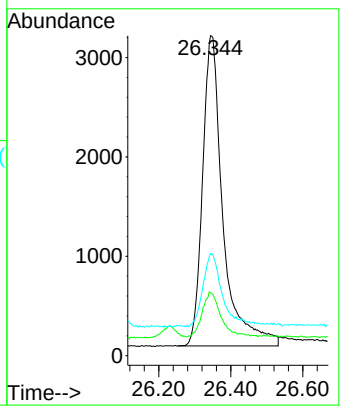


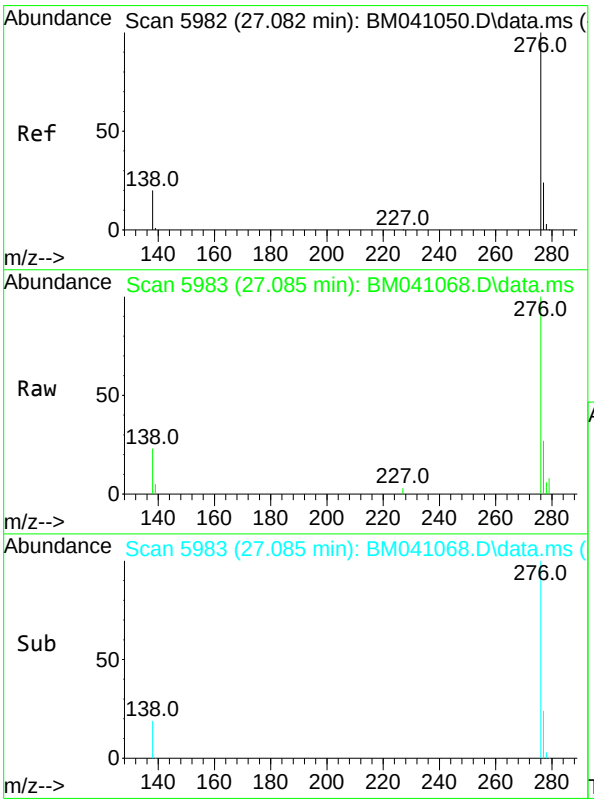
#28
Dibenzo(a,h)anthracene
Concen: 0.284 ng/ul
RT: 26.344 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Instrument :
BNA_M
ClientSampleId :
SLCS124

Tgt Ion:278 Resp: 12297

Ion	Ratio	Lower	Upper
278	100		
139	19.6	19.2	28.8
279	31.9	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.258 ng/ul
RT: 27.085 min Scan# 5983
Delta R.T. 0.000 min
Lab File: BM041068.D
Acq: 22 Jul 2023 23:46

Tgt Ion:276 Resp: 13648

Ion	Ratio	Lower	Upper
276	100		
138	22.5	22.6	34.0#
277	26.6	21.2	31.8