Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
Data File : BM045118.D
Acq On : 11 Apr 2024 03:02
Operator : MA/JU
Sample : PB160086BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS086

Quant Time: Apr 11 03:38:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 10 11:09:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	1290	0.400	ng/ul	0.00
4) Naphthalene-d8	10.424	136	4015	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.280	164	2086	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.052	188	4155	0.400	ng/ul	0.00
17) Chrysene-d12	21.253	240	3038	0.400	ng/ul	# 0.00
23) Perylene-d12	23.472	264	3788	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.209	96	1300	0.767	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.030	152	2033	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.085	212	3669	0.478	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.238	88	3392	2.088	ng/ul#	81
5) Naphthalene	10.473	128	4101	0.385	ng/ul	96
7) 2-Methylnaphthalene	12.107	142	2431	0.382	ng/ul	99
8) 1-Methylnaphthalene	12.310	142	2546	0.366	ng/ul	97
10) Acenaphthylene	14.007	152	3956	0.380	ng/ul	98
11) Acenaphthene	14.344	153	2903	0.390	ng/ul	98
12) Fluorene	15.353	166	3036	0.364	ng/ul	98
14) Pentachlorophenol	16.715	266	742	0.762	ng/ul	95
15) Phenanthrene	17.094	178	4538	0.388	ng/ul	96
16) Anthracene	17.200	178	4533	0.393	ng/ul	96
19) Fluoranthene	19.113	202	5292	0.487	ng/ul	96
20) Pyrene	19.480	202	5516	0.481	ng/ul	98
21) Benzo(a)anthracene	21.245	228	3942	0.373	ng/ul	96
22) Chrysene	21.291	228	5536	0.419	ng/ul	99
24) Benzo(b)fluoranthene	22.811	252	5135	0.375	ng/ul	92
25) Benzo(k)fluoranthene	22.855	252	6197	0.404	ng/ul#	88
26) Benzo(a)pyrene	23.384	252	5065	0.388	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.721	276	6549	0.366	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.748	278	4984	0.352	ng/ul#	82
29) Benzo(g,h,i)perylene	26.389	276	6011	0.389	ng/ul	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041024\
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Acq On : 11 Apr 2024 03:02
Operator : MA/JU
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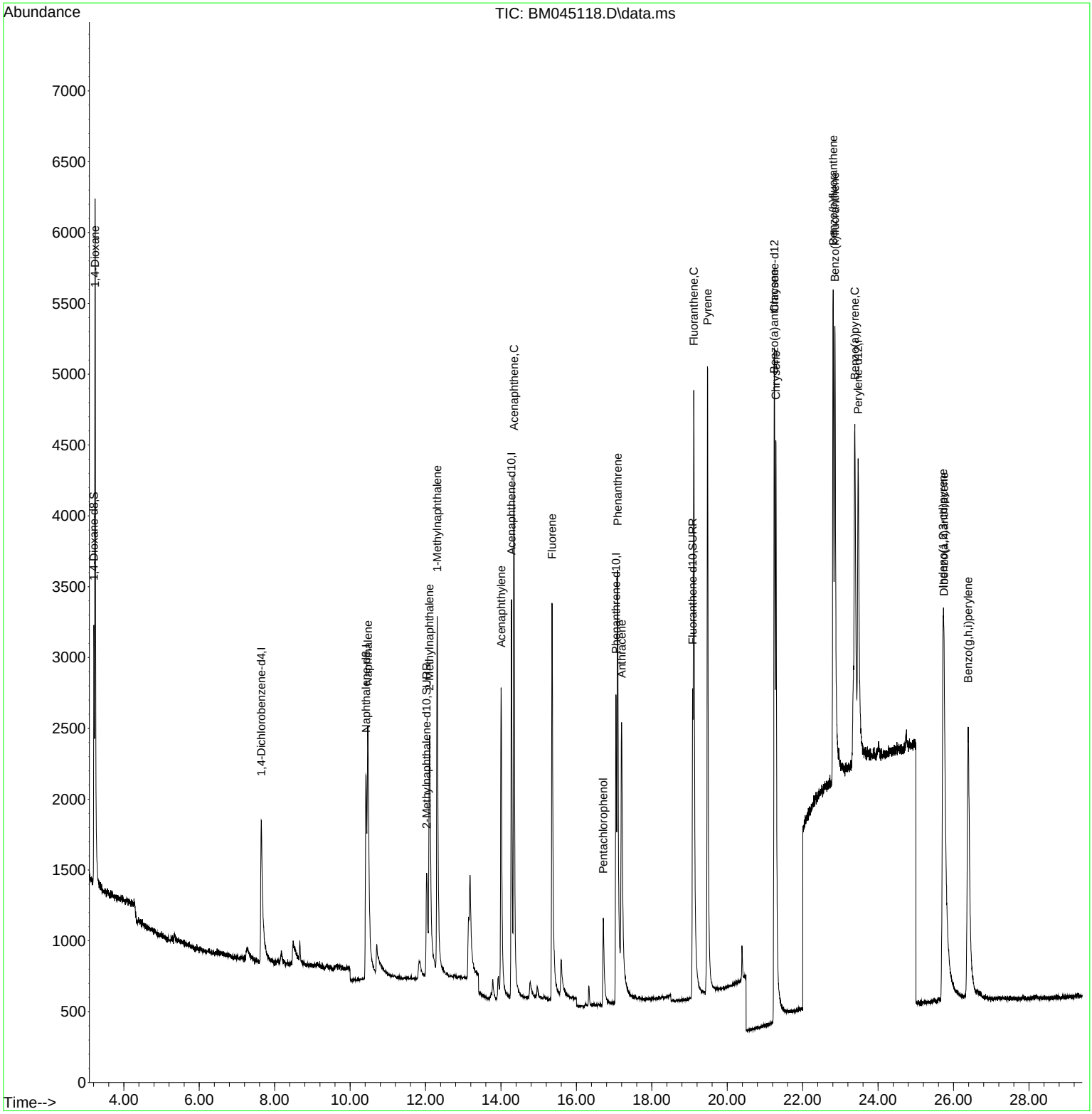
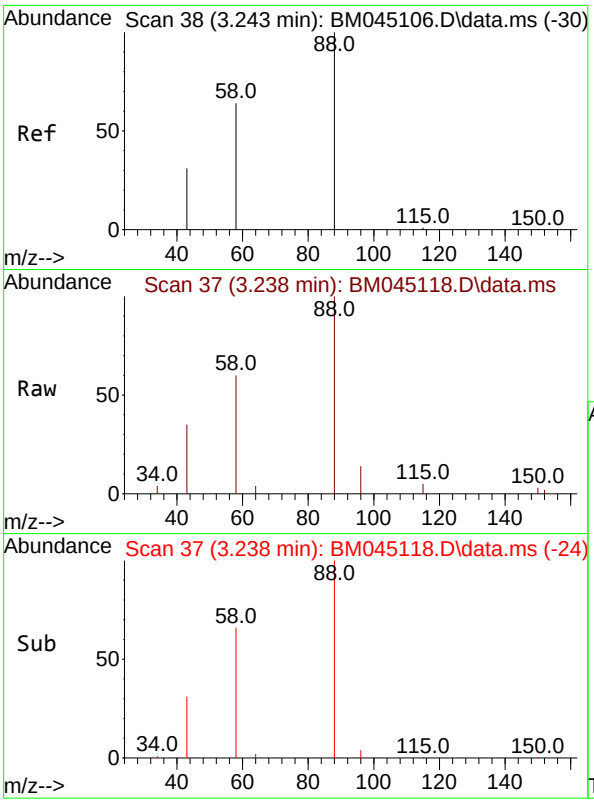
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 10 11:09:26 2024
Response via : Initial Calibration



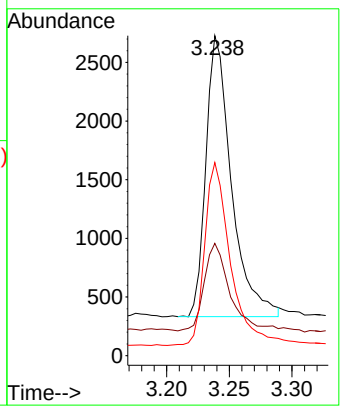


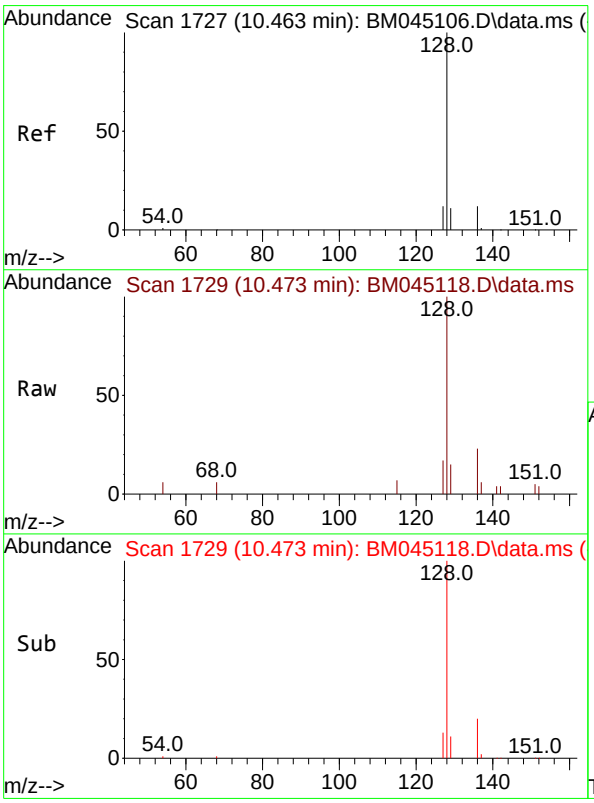
#2
1,4-Dioxane
Concen: 2.088 ng/ul
RT: 3.238 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Instrument :
BNA_M
ClientSampleId :
SLCS086

Tgt Ion: 88 Resp: 3392

Ion	Ratio	Lower	Upper
88	100		
43	35.1	30.6	46.0
58	60.4	32.6	48.8#

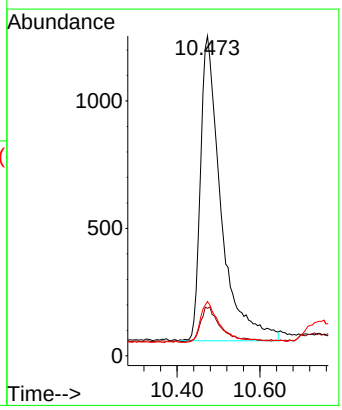


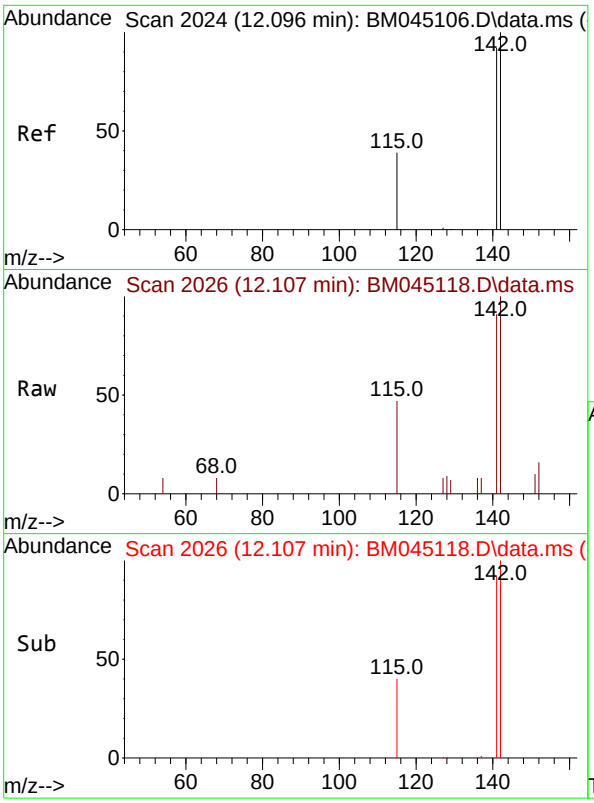


#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.473 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Tgt Ion:128 Resp: 4101

Ion	Ratio	Lower	Upper
128	100		
129	14.9	11.3	16.9
127	17.0	11.9	17.9



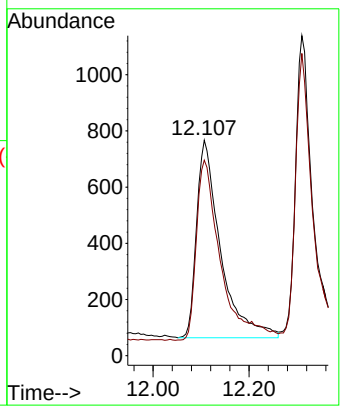


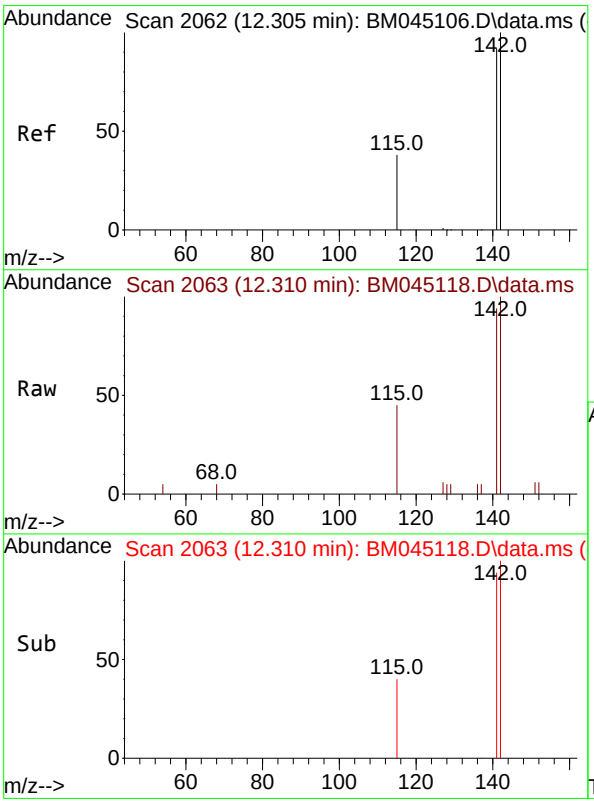
#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.107 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Instrument :
BNA_M
ClientSampleId :
SLCS086

Tgt Ion:142 Resp: 2431

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.8	110.8

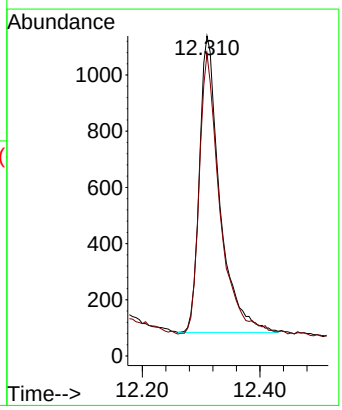


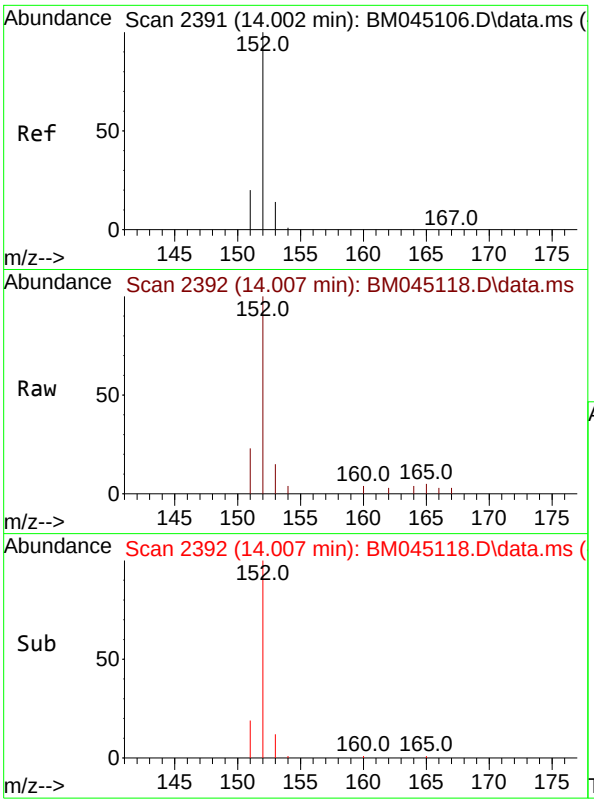


#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.310 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Tgt Ion:142 Resp: 2546

Ion	Ratio	Lower	Upper
142	100		
141	95.6	74.2	111.2



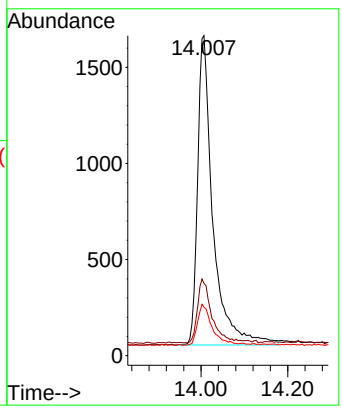


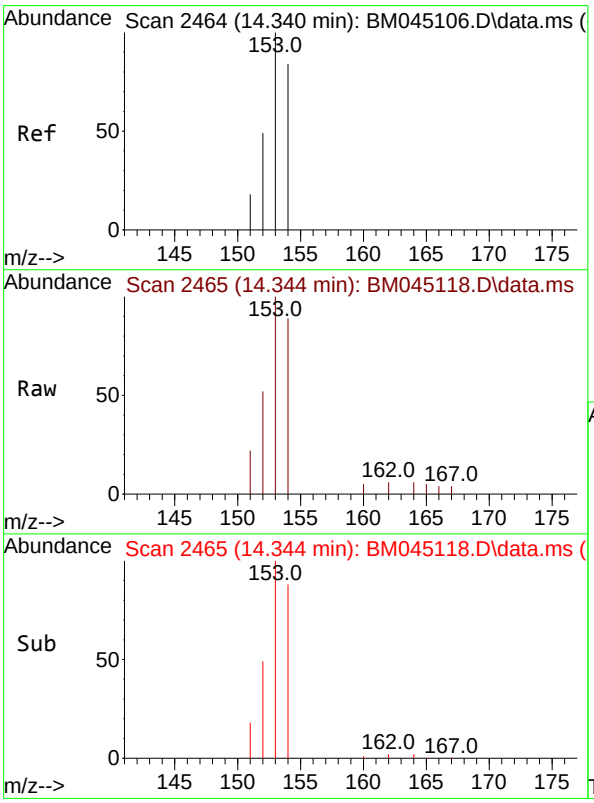
#10
Acenaphthylene
Concen: 0.380 ng/ul
RT: 14.007 min Scan# 2
Delta R.T. 0.001 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Instrument :
BNA_M
ClientSampleId :
SLCS086

Tgt Ion:152 Resp: 3956

Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.0	25.4
153	15.1	11.9	17.9

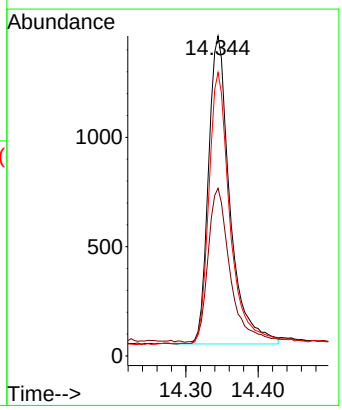


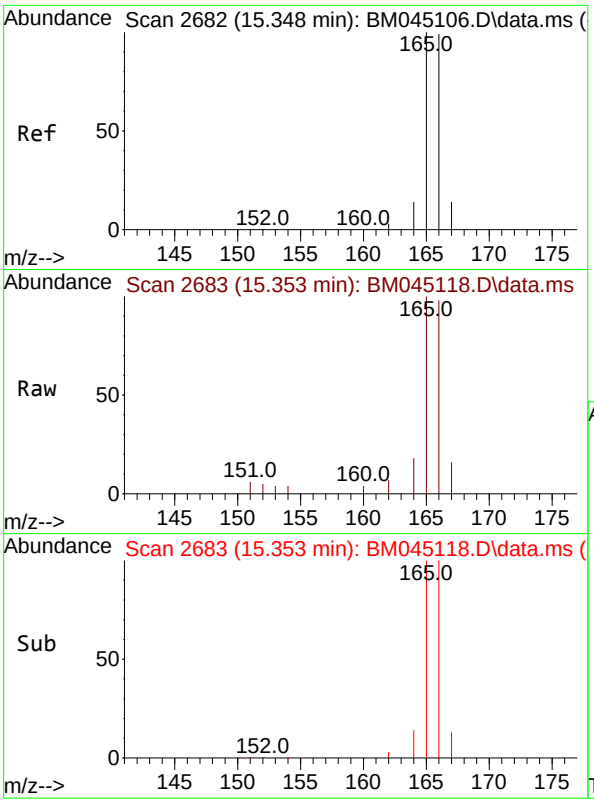


#11
Acenaphthene
Concen: 0.390 ng/ul
RT: 14.344 min Scan# 2465
Delta R.T. -0.004 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Tgt Ion:153 Resp: 2903

Ion	Ratio	Lower	Upper
153	100		
152	52.4	41.2	61.8
154	88.6	69.4	104.0



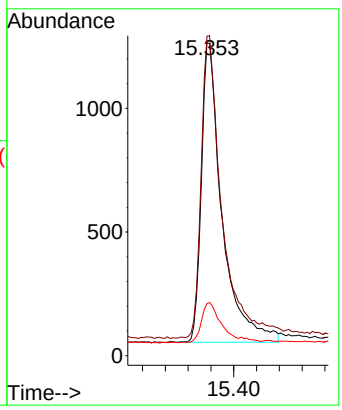


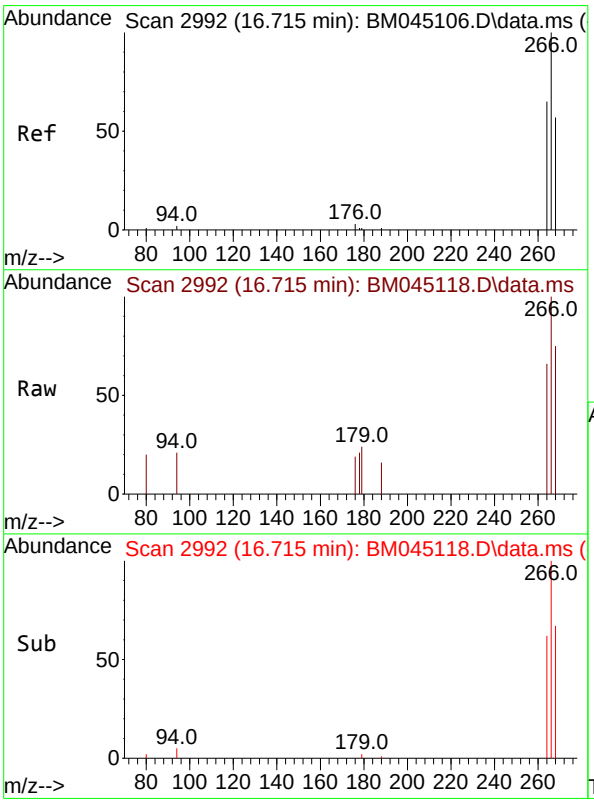
#12
Fluorene
Concen: 0.364 ng/ul
RT: 15.353 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Instrument :
BNA_M
ClientSampleId :
SLCS086

Tgt Ion:166 Resp: 3036

Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.9	119.9
167	16.7	12.2	18.2

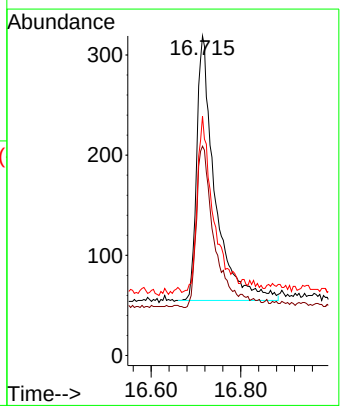


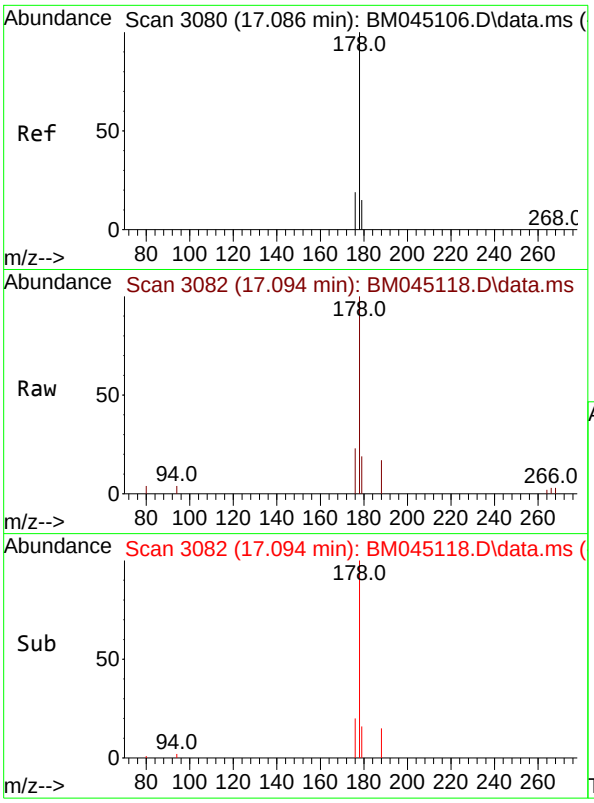


#14
Pentachlorophenol
Concen: 0.762 ng/ul
RT: 16.715 min Scan# 2992
Delta R.T. -0.012 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Tgt Ion:266 Resp: 742

Ion	Ratio	Lower	Upper
266	100		
264	61.9	48.3	72.5
268	58.9	52.6	79.0



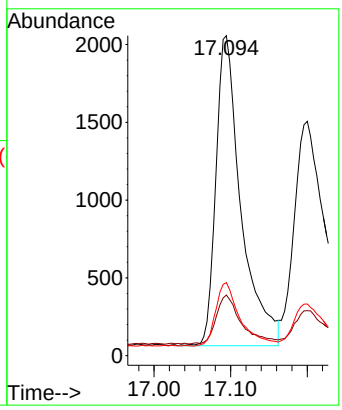


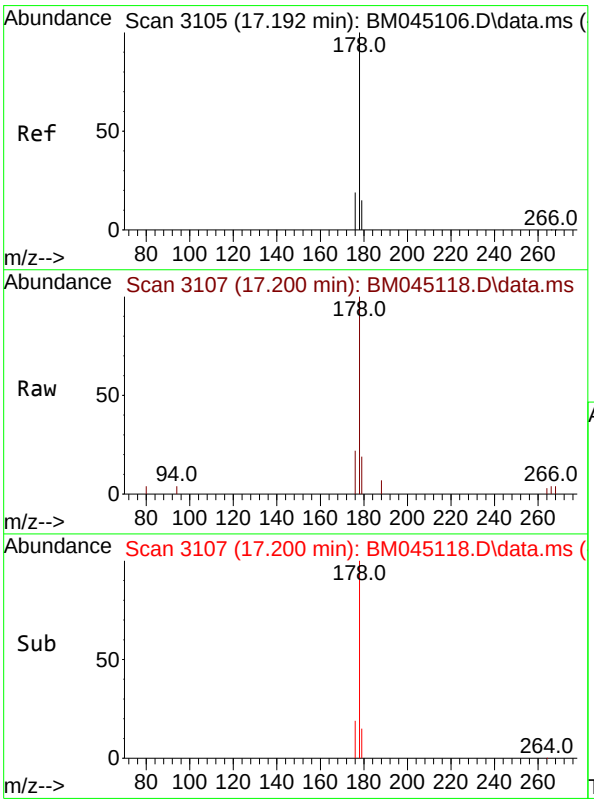
#15
Phenanthrene
Concen: 0.388 ng/ul
RT: 17.094 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Instrument :
BNA_M
ClientSampleId :
SLCS086

Tgt Ion:178 Resp: 4538

Ion	Ratio	Lower	Upper
178	100		
179	19.0	13.7	20.5
176	22.8	17.0	25.4

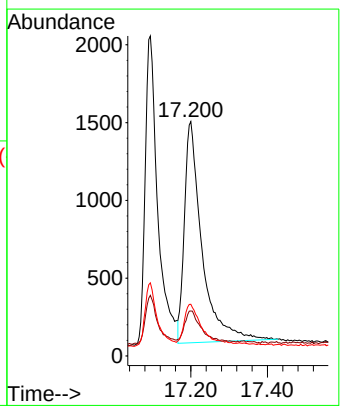


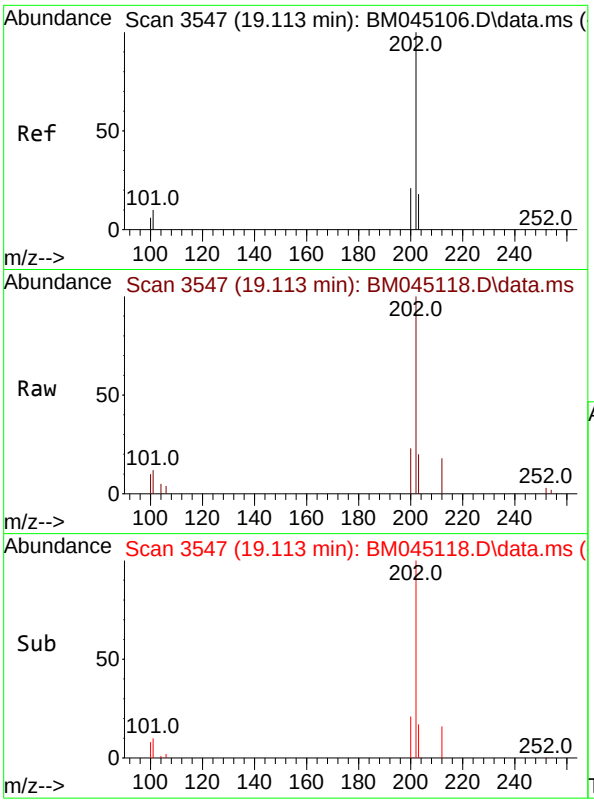


#16
Anthracene
Concen: 0.393 ng/ul
RT: 17.200 min Scan# 3107
Delta R.T. 0.001 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Tgt Ion:178 Resp: 4533

Ion	Ratio	Lower	Upper
178	100		
179	19.2	13.8	20.8
176	22.0	16.2	24.4



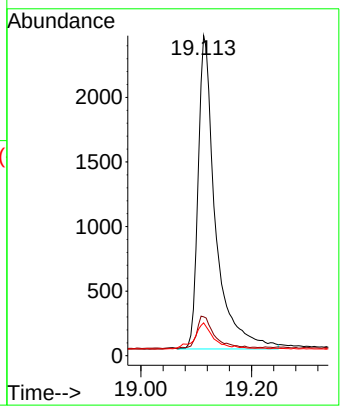


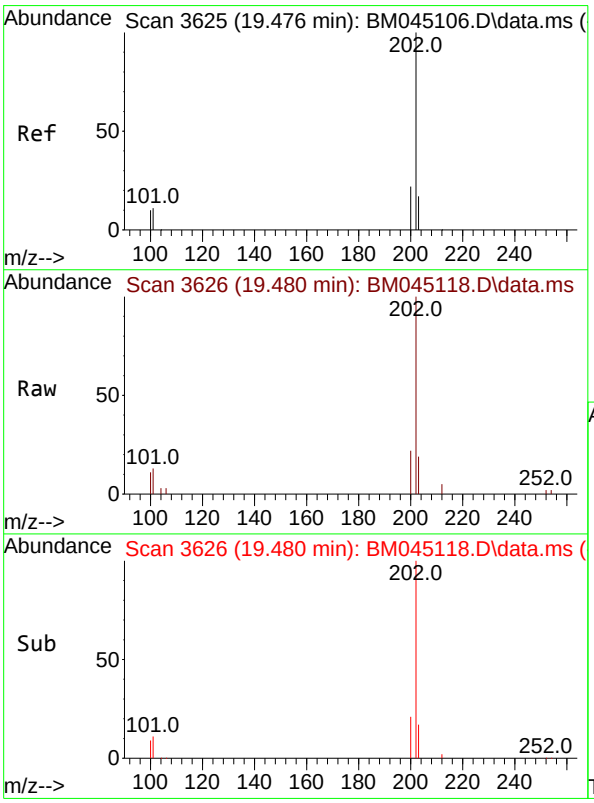
#19
Fluoranthene
Concen: 0.487 ng/ul
RT: 19.113 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Instrument :
BNA_M
ClientSampleId :
SLCS086

Tgt Ion:202 Resp: 5292

Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.8	13.2
100	10.3	7.0	10.4

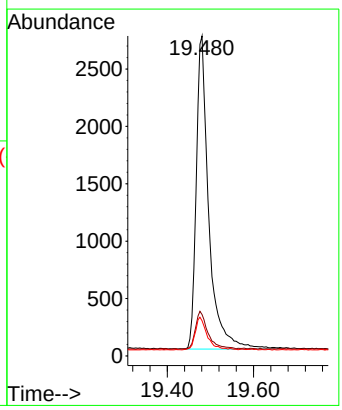


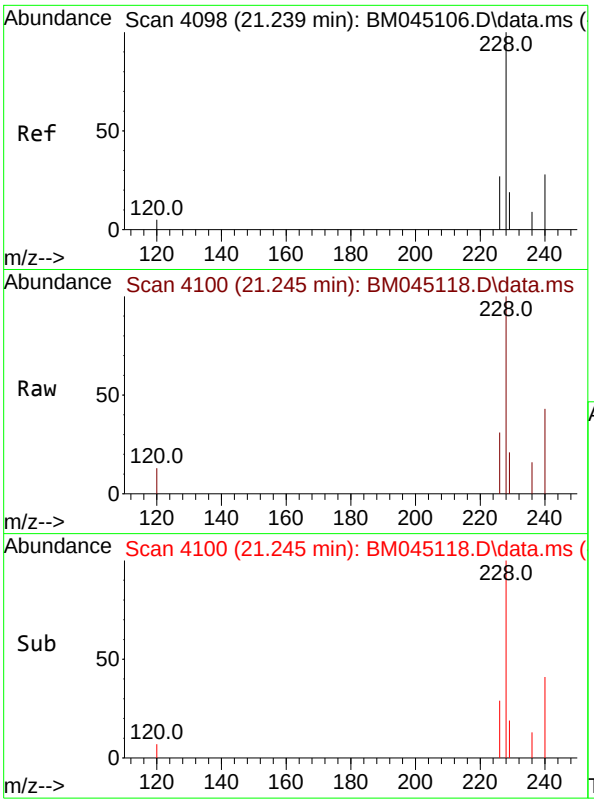


#20
Pyrene
Concen: 0.481 ng/ul
RT: 19.480 min Scan# 3626
Delta R.T. 0.001 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Tgt Ion:202 Resp: 5516

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.6
100	11.0	8.1	12.1



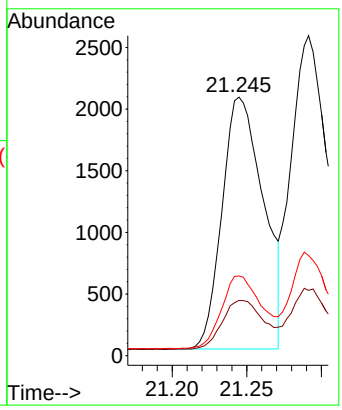


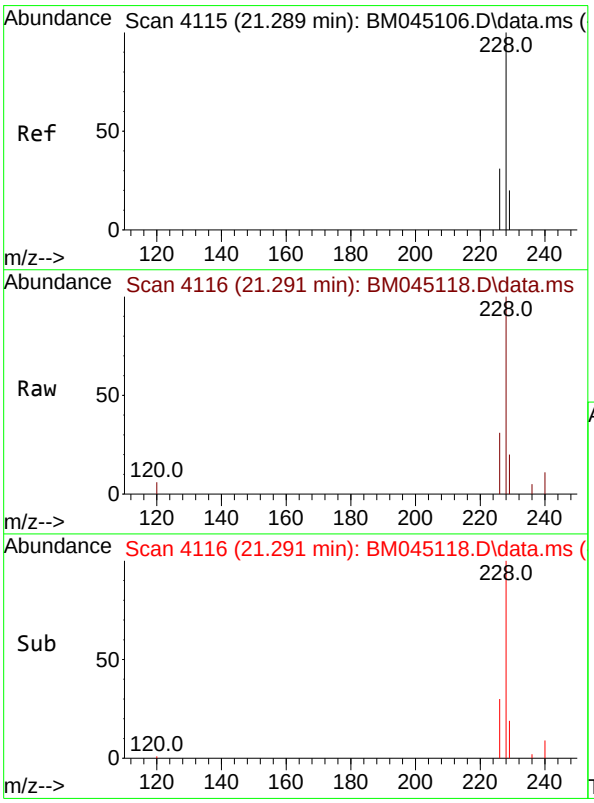
#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.245 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Instrument :
BNA_M
ClientSampleId :
SLCS086

Tgt Ion:228 Resp: 3942

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.4	24.6
226	30.8	22.3	33.5

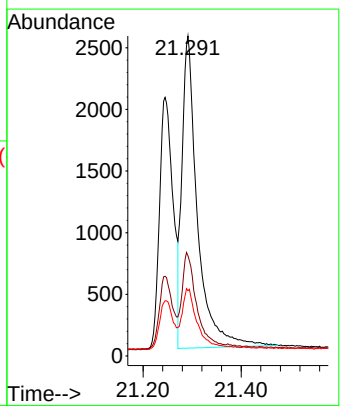


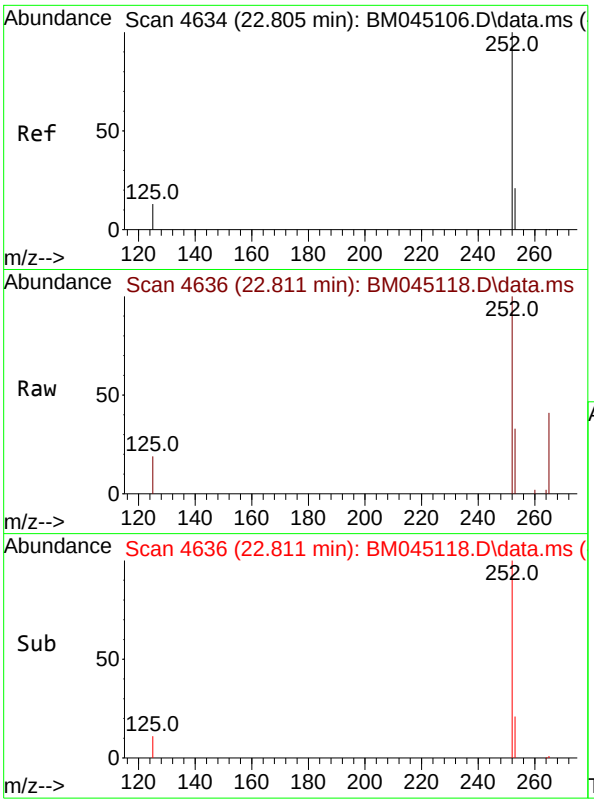


#22
Chrysene
Concen: 0.419 ng/ul
RT: 21.291 min Scan# 4116
Delta R.T. -0.001 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Tgt Ion:228 Resp: 5536

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	20.4	15.9	23.9



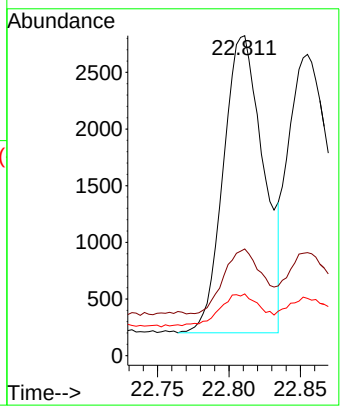


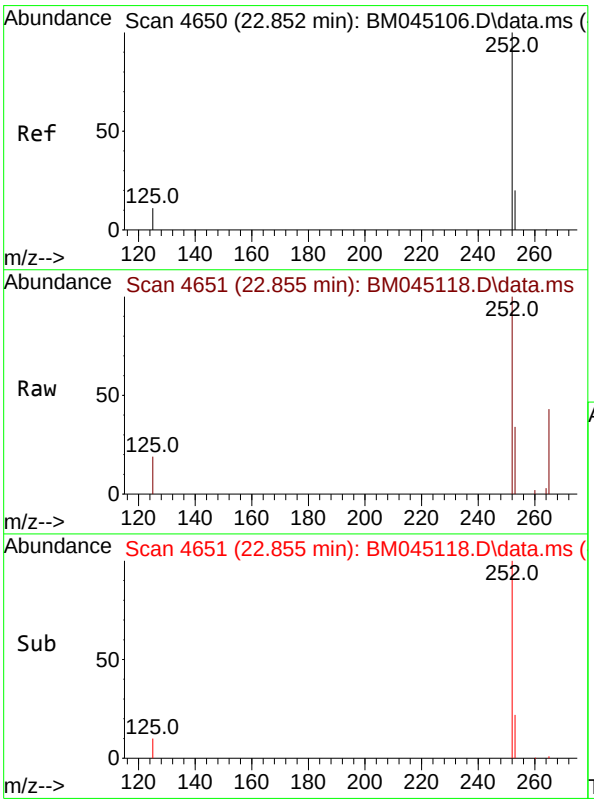
#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 22.811 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Instrument :
BNA_M
ClientSampleId :
SLCS086

Tgt Ion:252 Resp: 5135

Ion	Ratio	Lower	Upper
252	100		
253	33.4	0.0	56.4
125	19.3	0.0	33.4

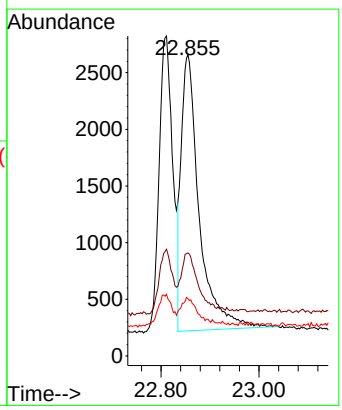


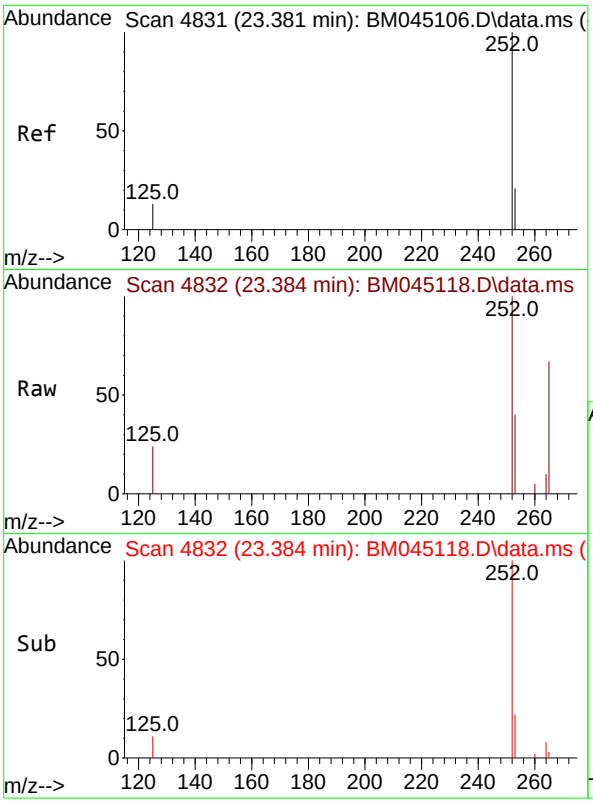


#25
Benzo(k)fluoranthene
Concen: 0.404 ng/ul
RT: 22.855 min Scan# 4651
Delta R.T. -0.001 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Tgt Ion:252 Resp: 6197

Ion	Ratio	Lower	Upper
252	100		
253	34.2	22.3	33.5#
125	19.0	11.6	17.4#



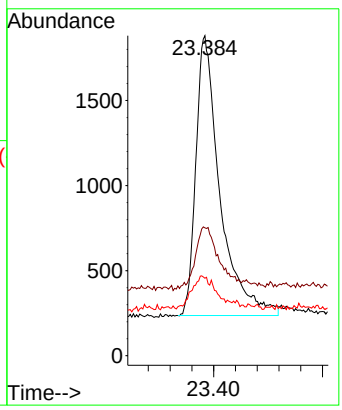


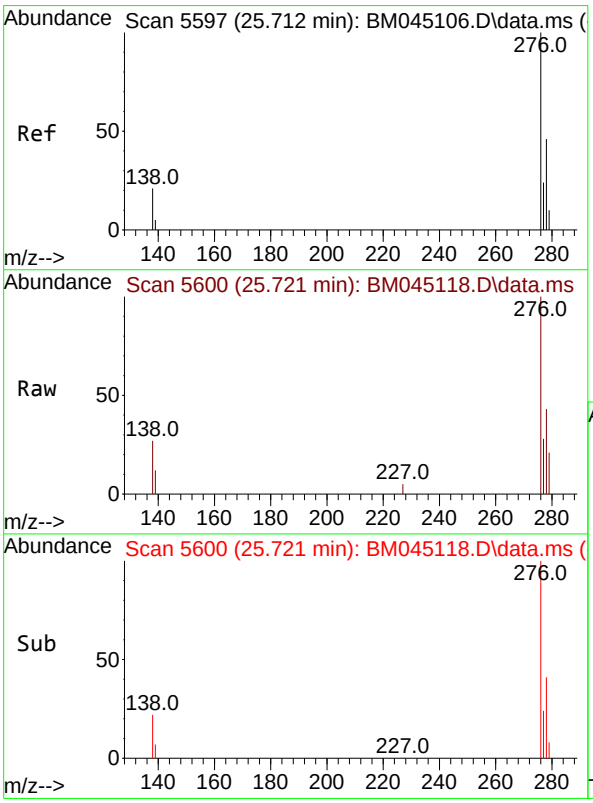
#26
Benzo(a)pyrene
Concen: 0.388 ng/ul
RT: 23.384 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Instrument :
BNA_M
ClientSampleId :
SLCS086

Tgt Ion:252 Resp: 5065

Ion	Ratio	Lower	Upper
252	100		
253	40.0	24.6	37.0#
125	24.2	18.2	27.4

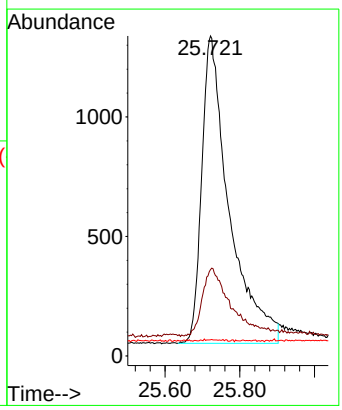


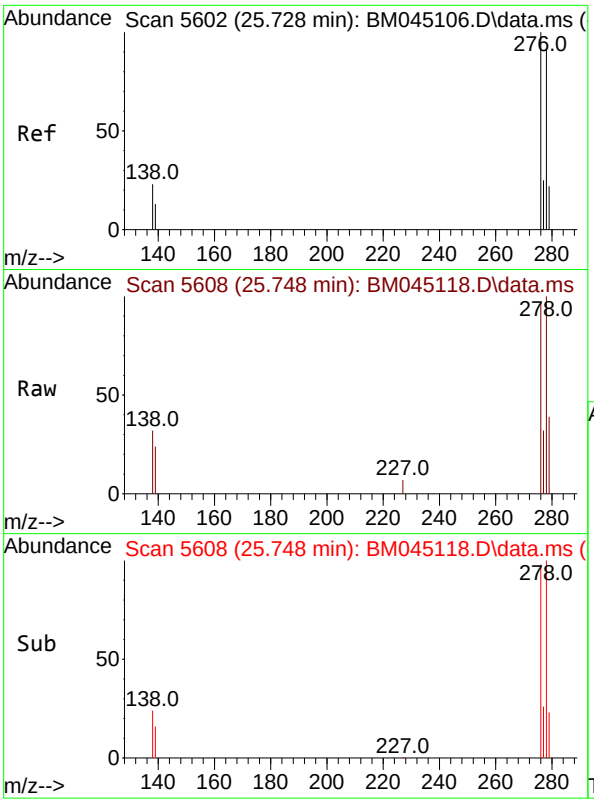


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 25.721 min Scan# 5600
Delta R.T. 0.002 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Tgt Ion:276 Resp: 6549

Ion	Ratio	Lower	Upper
276	100		
138	23.3	0.0	0.0#
227	0.0	0.1	0.1#



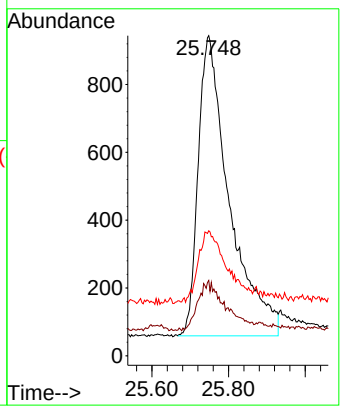


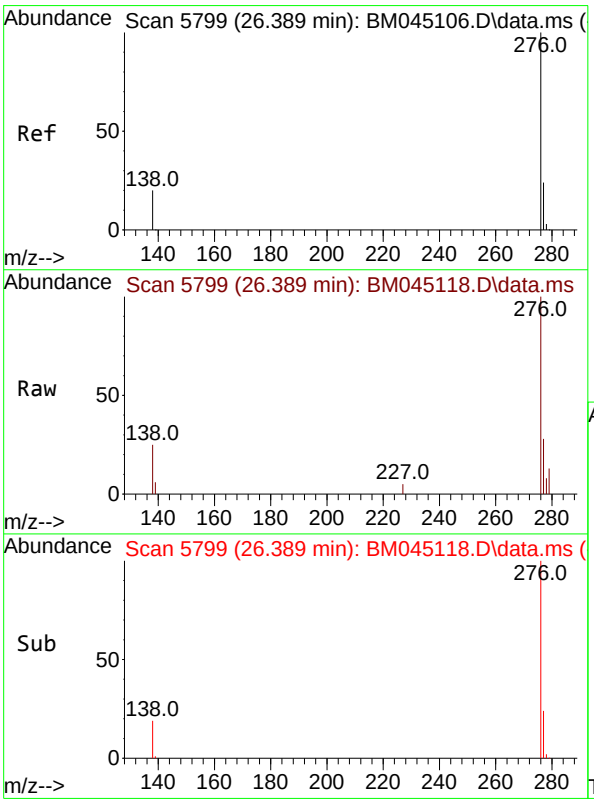
#28
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul
RT: 25.748 min Scan# 5
Delta R.T. -0.001 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Instrument :
BNA_M
ClientSampleId :
SLCS086

Tgt Ion:278 Resp: 4984

Ion	Ratio	Lower	Upper
278	100		
139	23.5	13.6	20.4#
279	39.1	23.0	34.4#





#29
Benzo(g,h,i)perylene
Concen: 0.389 ng/ul
RT: 26.389 min Scan# 5799
Delta R.T. 0.002 min
Lab File: BM045118.D
Acq: 11 Apr 2024 03:02

Tgt Ion:276 Resp: 6011

Ion	Ratio	Lower	Upper
276	100		
138	24.5	16.8	25.2
277	27.7	20.3	30.5