Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041712.D
Acq On : 08 Sep 2023 01:50
Operator : MA/JU
Sample : PB155235BS
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS235

Quant Time: Sep 08 02:55:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.000	152	9069	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	22388	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.638	164	10672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	22241	0.400	ng/ul	0.00
17) Chrysene-d12	21.556	240	10549	0.400	ng/ul	#-0.01
23) Perylene-d12	23.982	264	10305	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	7365	0.531	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	10045	0.349	ng/ul	-0.01
18) Fluoranthene-d10	19.408	212	16245	0.318	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	17671	1.227	ng/ul	92
5) Naphthalene	10.867	128	21414	0.291	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	12984	0.311	ng/ul	99
8) 1-Methylnaphthalene	12.687	142	13833	0.330	ng/ul	99
10) Acenaphthylene	14.365	152	19346	0.293	ng/ul	100
11) Acenaphthene	14.703	153	14743	0.288	ng/ul	98
12) Fluorene	15.688	166	17019	0.296	ng/ul	99
14) Pentachlorophenol	17.012	266	4436	0.498	ng/ul	100
15) Phenanthrene	17.434	178	27031	0.288	ng/ul	99
16) Anthracene	17.523	178	24941	0.310	ng/ul	99
19) Fluoranthene	19.441	202	30338	0.244	ng/ul	97
20) Pyrene	19.803	202	31751	0.257	ng/ul	99
21) Benzo(a)anthracene	21.539	228	22264	0.259	ng/ul	99
22) Chrysene	21.591	228	21433	0.231	ng/ul	99
24) Benzo(b)fluoranthene	23.234	252	19926	0.216	ng/ul	95
25) Benzo(k)fluoranthene	23.284	252	19636	0.218	ng/ul	96
26) Benzo(a)pyrene	23.874	252	16839	0.225	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.502	276	21048	0.205	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.525	278	15426	0.214	ng/ul	98
29) Benzo(g,h,i)perylene	27.283	276	17465	0.192	ng/ul	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
Data File : BM041712.D
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Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
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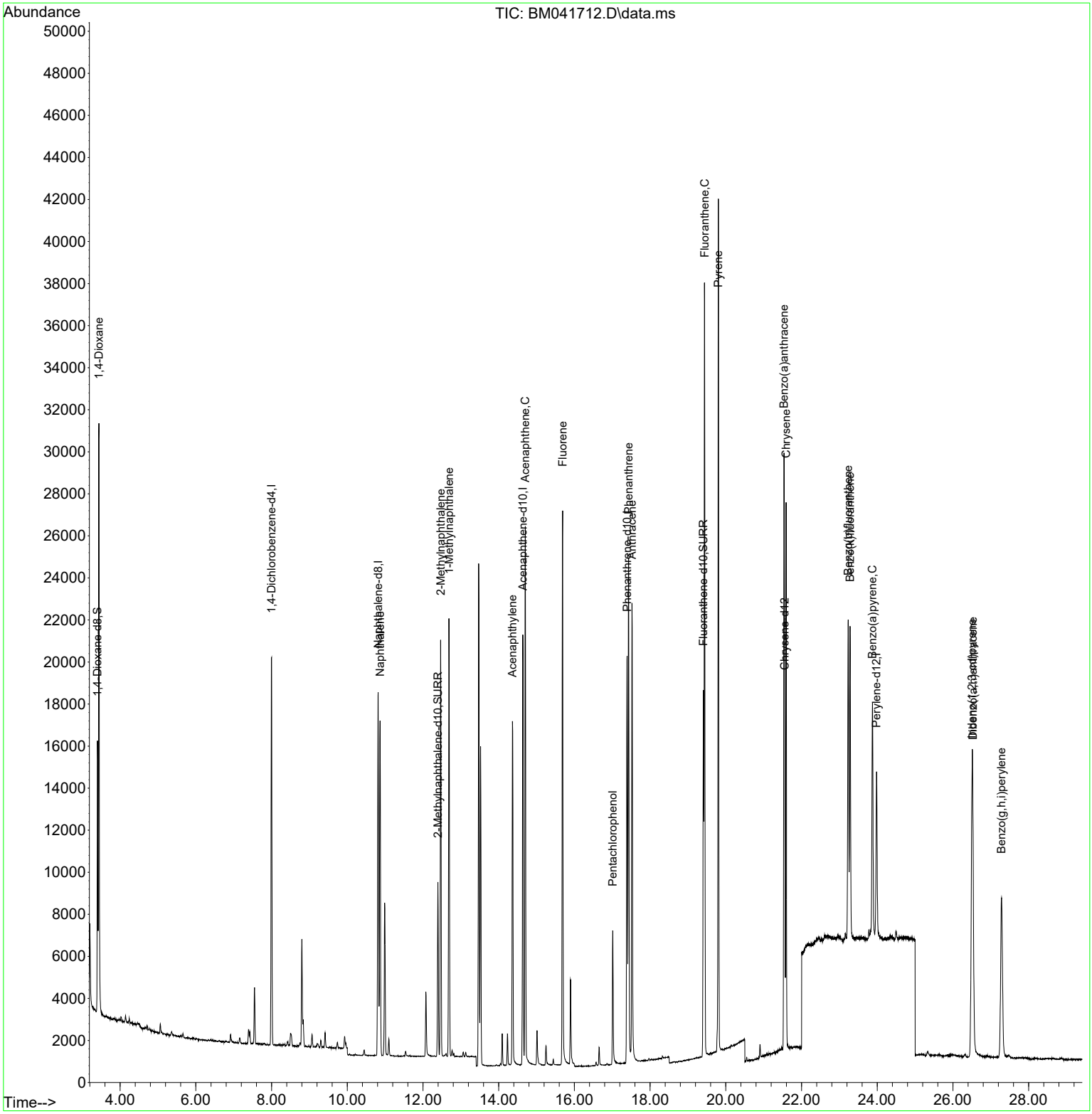
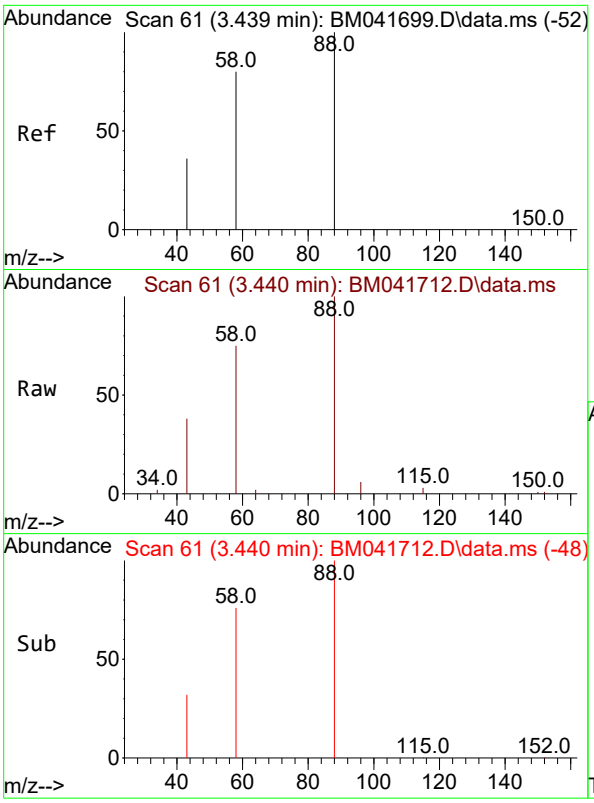
Quant Time: Sep 08 02:55:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration



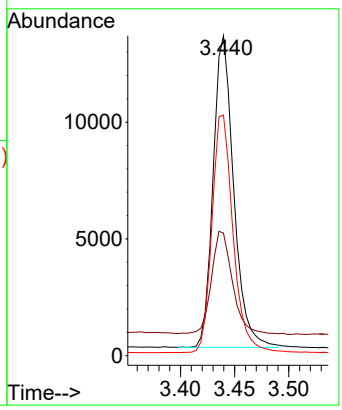


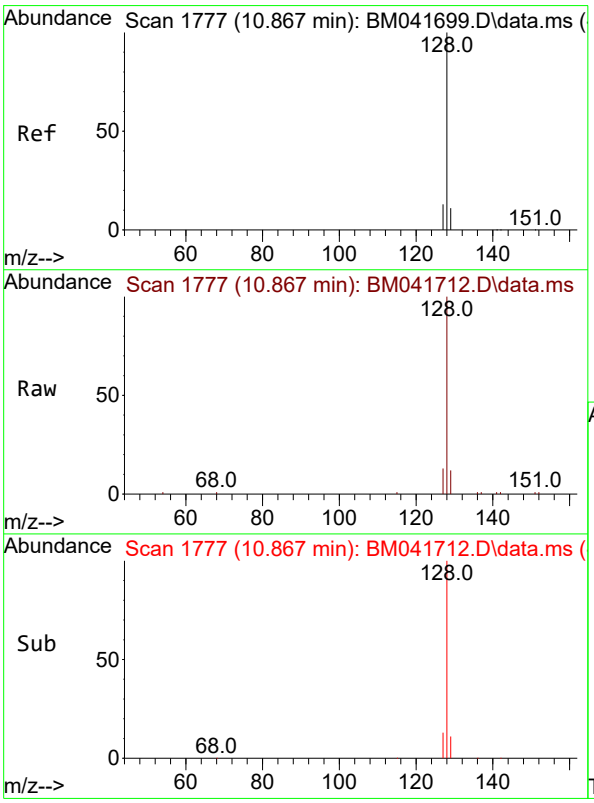
#2
1,4-Dioxane
Concen: 1.227 ng/ul
RT: 3.440 min Scan# 6
Delta R.T. -0.004 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Instrument :
BNA_M
ClientSampleId :
SLCS235

Tgt Ion: 88 Resp: 17671

Ion	Ratio	Lower	Upper
88	100		
43	38.3	33.8	50.6
58	75.2	54.2	81.2

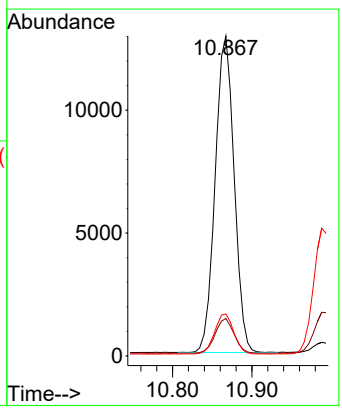


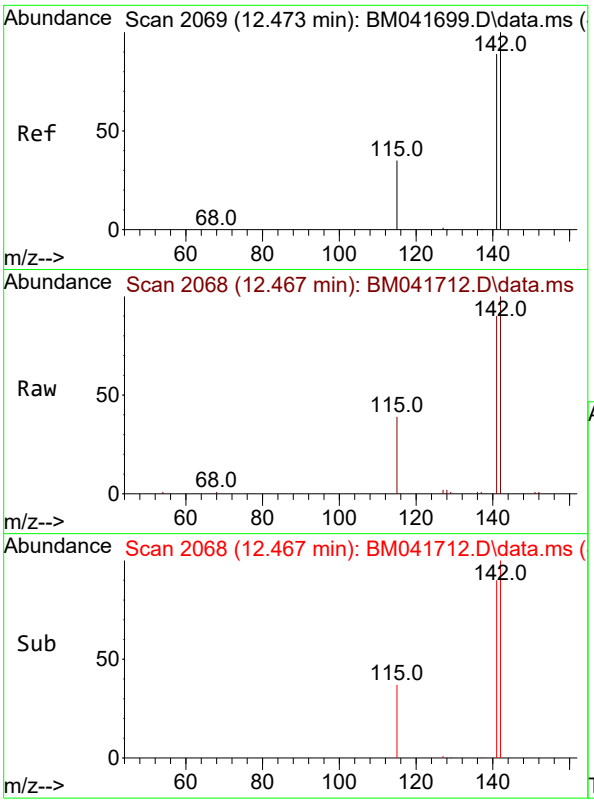


#5
Naphthalene
Concen: 0.291 ng/ul
RT: 10.867 min Scan# 1777
Delta R.T. -0.005 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:128 Resp: 21414

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.4	14.0
127	13.1	11.0	16.6



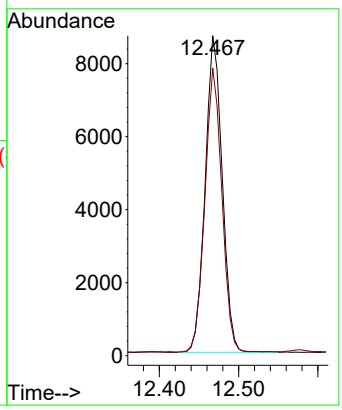


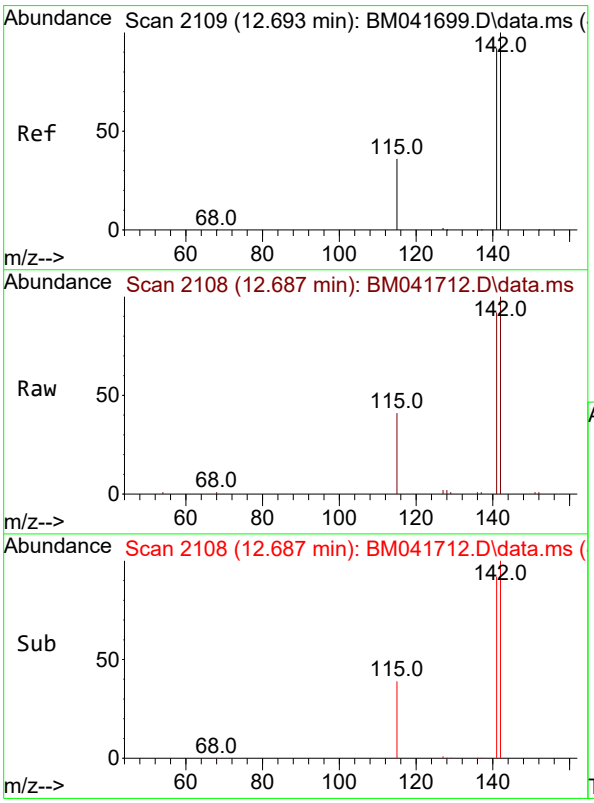
#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.467 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Instrument :
BNA_M
ClientSampleId :
SLCS235

Tgt Ion:142 Resp: 12984

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.2

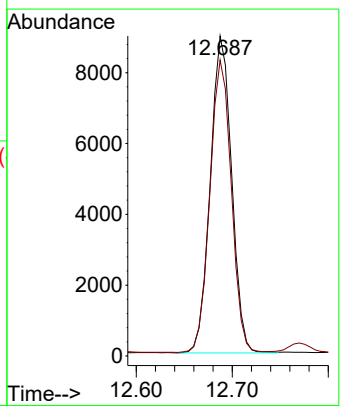


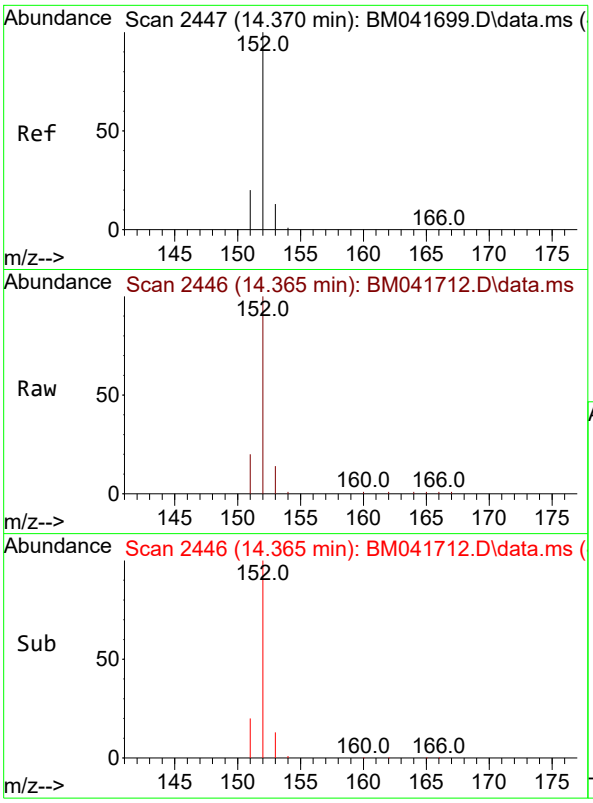


#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.011 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:142 Resp: 13833

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.4	111.6



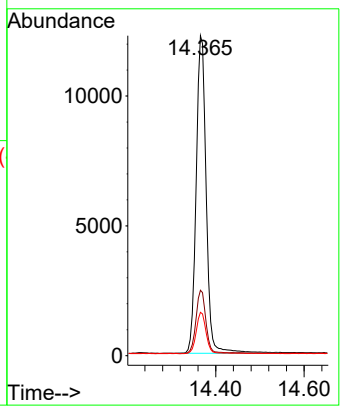


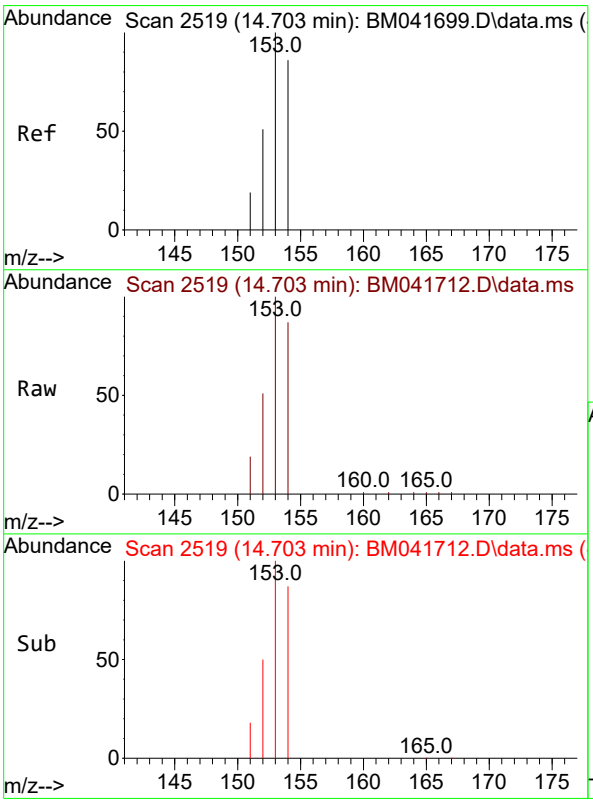
#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 14.365 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Instrument :
BNA_M
ClientSampleId :
SLCS235

Tgt Ion:152 Resp: 19346

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.6	11.1	16.7

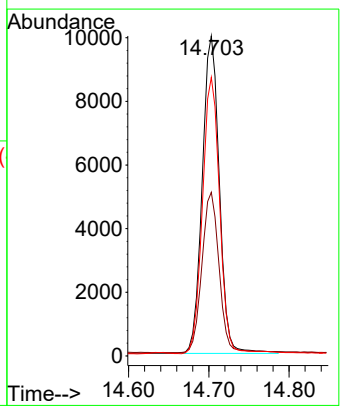


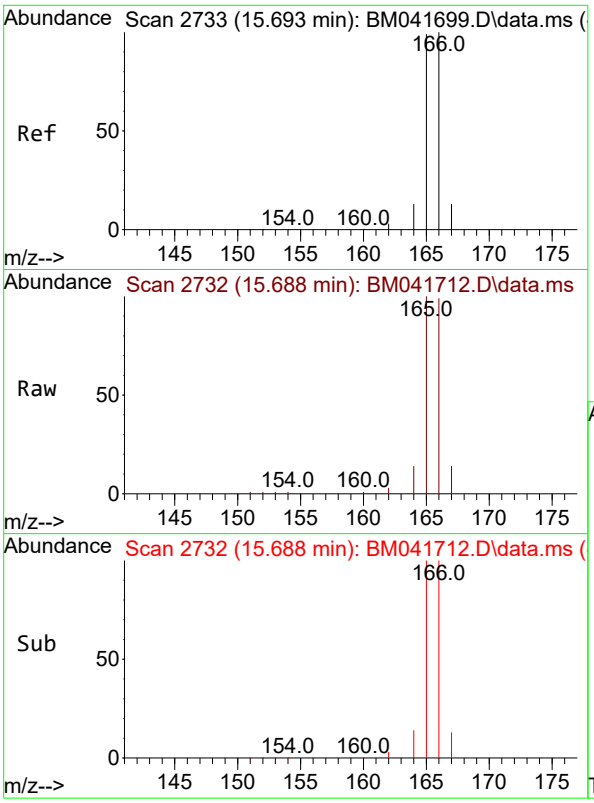


#11
Acenaphthene
Concen: 0.288 ng/ul
RT: 14.703 min Scan# 2519
Delta R.T. -0.009 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:153 Resp: 14743

Ion	Ratio	Lower	Upper
153	100		
152	51.2	43.4	65.2
154	87.1	69.4	104.0



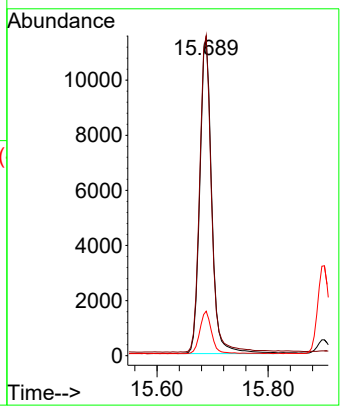


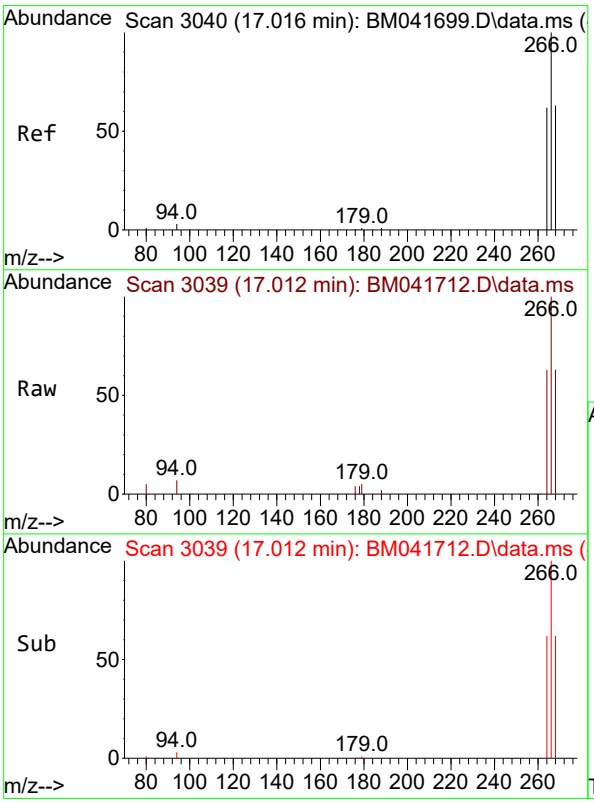
#12
Fluorene
Concen: 0.296 ng/ul
RT: 15.688 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Instrument :
BNA_M
ClientSampleId :
SLCS235

Tgt Ion:166 Resp: 17019

Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.4	119.2
167	14.0	11.3	16.9

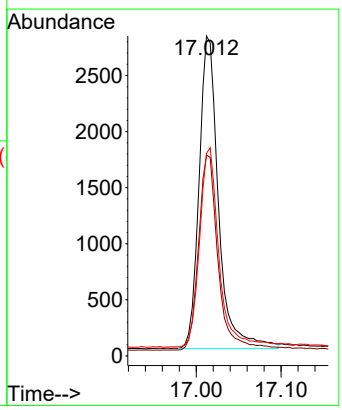


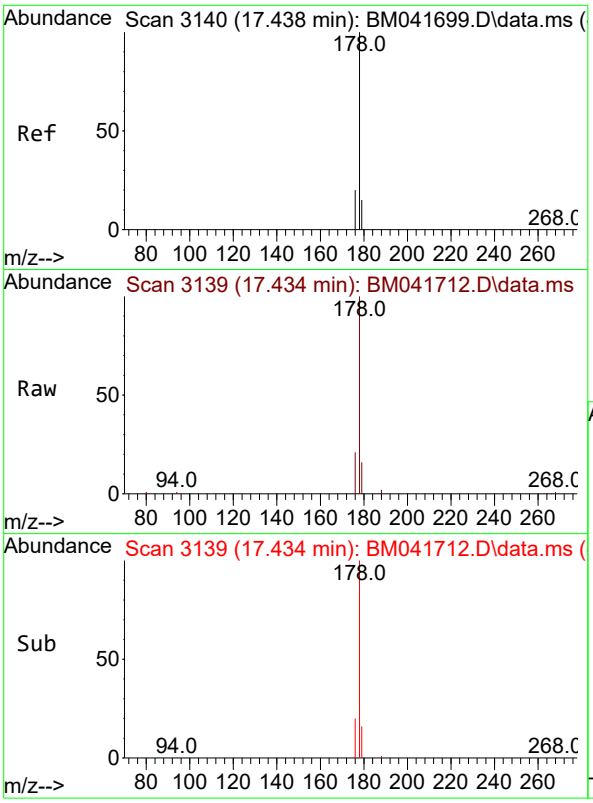


#14
Pentachlorophenol
Concen: 0.498 ng/ul
RT: 17.012 min Scan# 3039
Delta R.T. -0.013 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:266 Resp: 4436

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.0	75.0
268	63.7	50.8	76.2



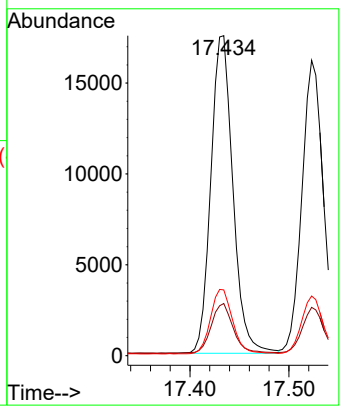


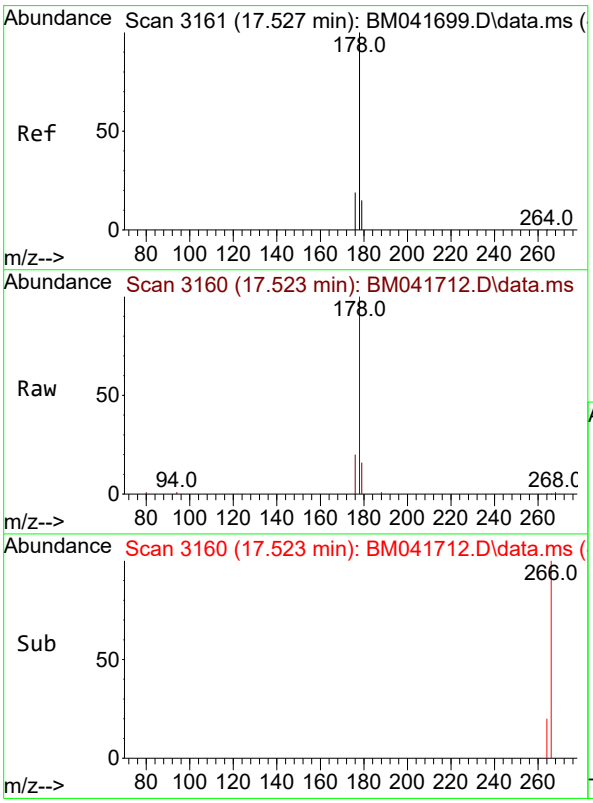
#15
Phenanthrene
Concen: 0.288 ng/ul
RT: 17.434 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Instrument :
BNA_M
ClientSampleId :
SLCS235

Tgt Ion:178 Resp: 27031

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	20.5	16.9	25.3

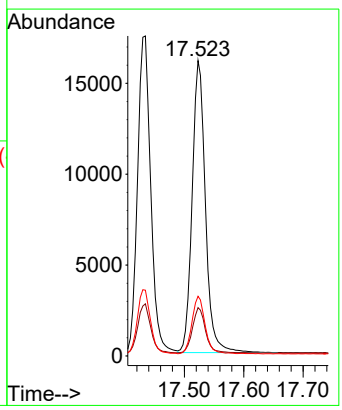


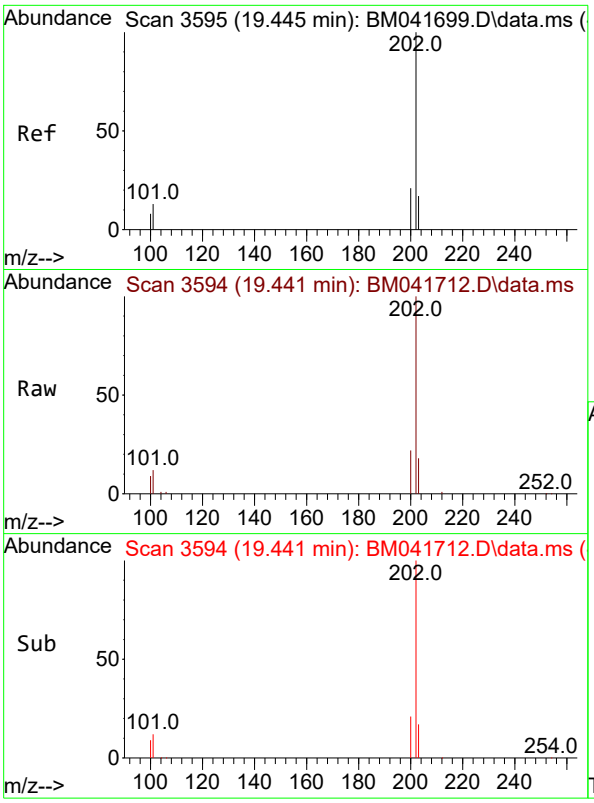


#16
Anthracene
Concen: 0.310 ng/ul
RT: 17.523 min Scan# 3160
Delta R.T. -0.013 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:178 Resp: 24941

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	20.2	15.8	23.8



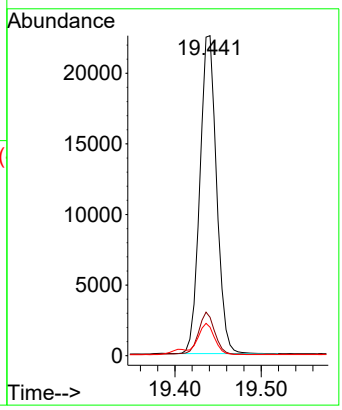


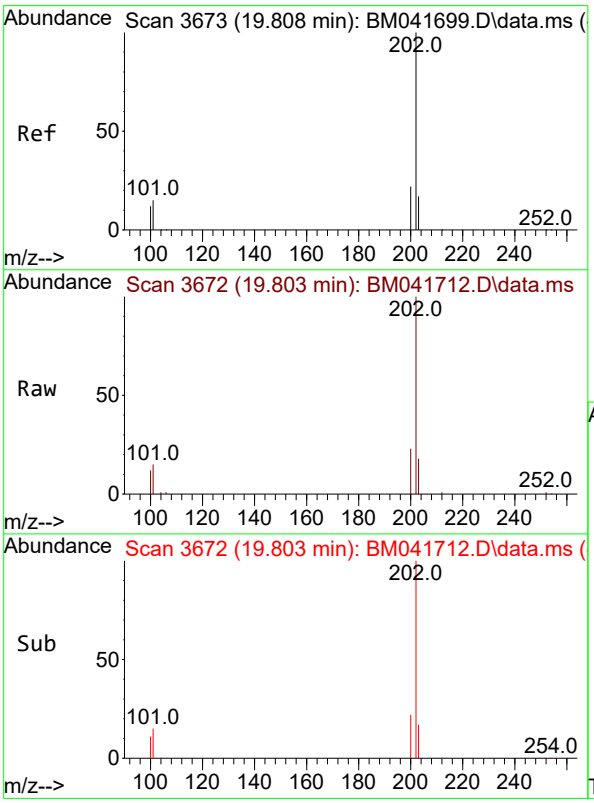
#19
Fluoranthene
Concen: 0.244 ng/ul
RT: 19.441 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Instrument :
BNA_M
ClientSampleId :
SLCS235

Tgt Ion:202 Resp: 30338

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.5	15.7
100	8.9	8.4	12.6

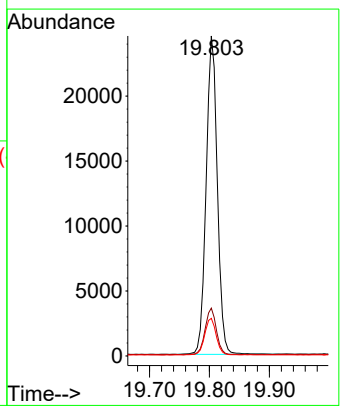


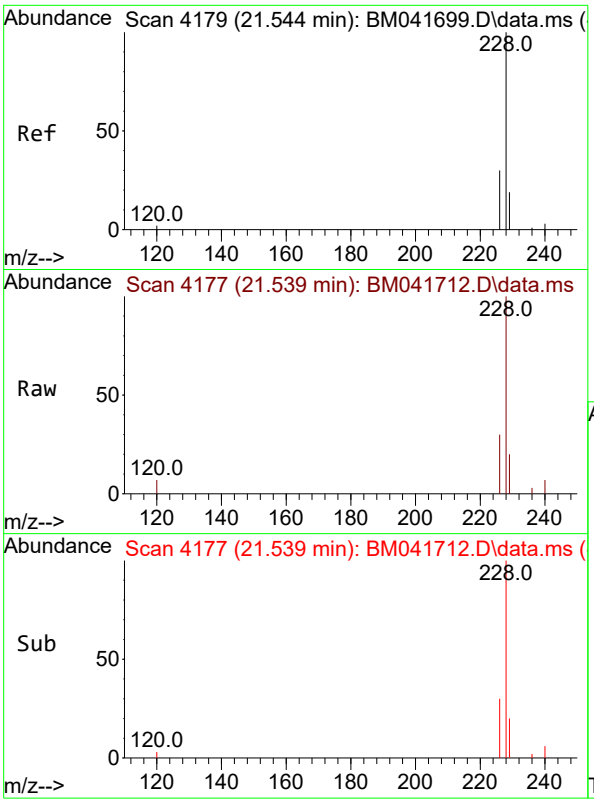


#20
Pyrene
Concen: 0.257 ng/ul
RT: 19.803 min Scan# 3672
Delta R.T. -0.014 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:202 Resp: 31751

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.8	17.8
100	11.7	9.8	14.6



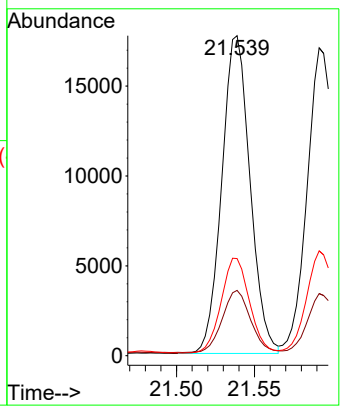


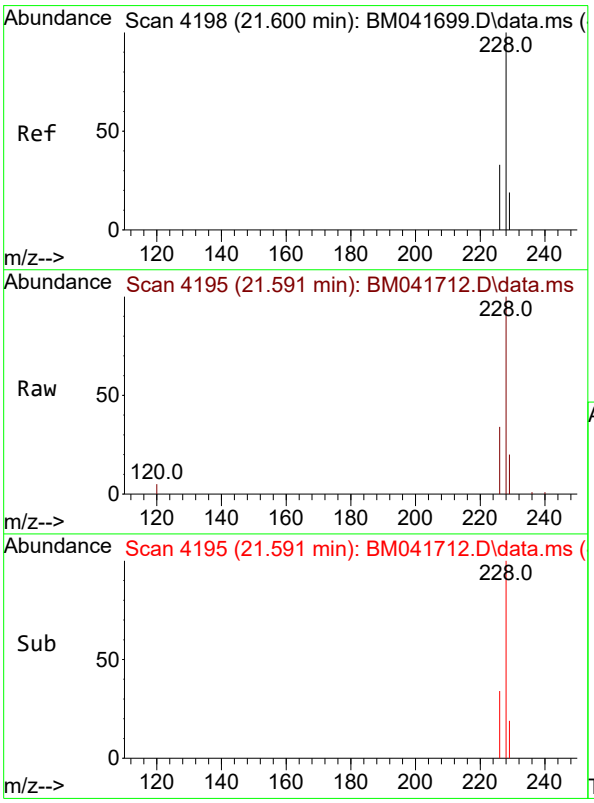
#21
Benzo(a)anthracene
Concen: 0.259 ng/ul
RT: 21.539 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Instrument :
BNA_M
ClientSampleId :
SLCS235

Tgt Ion:228 Resp: 22264

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.6
226	30.4	24.8	37.2

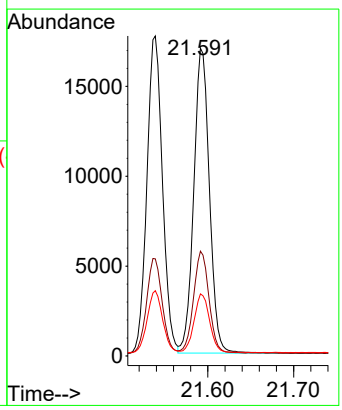


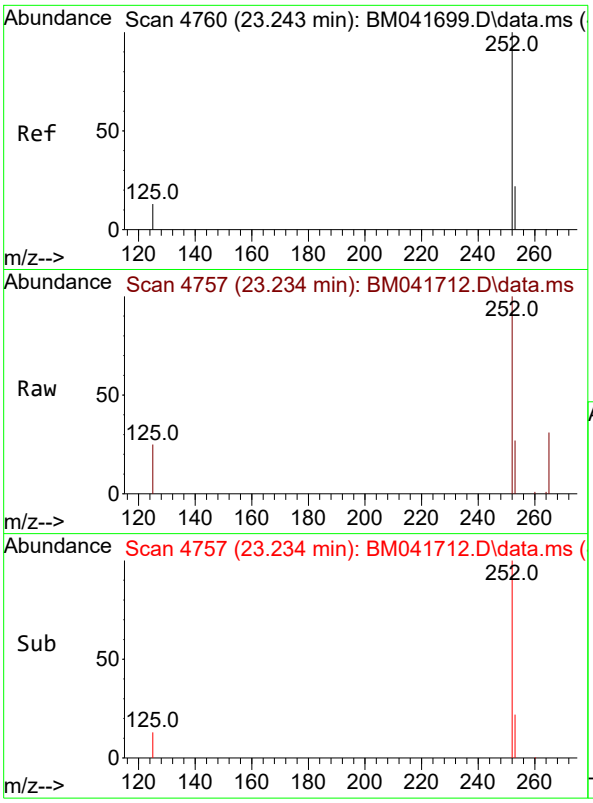


#22
Chrysene
Concen: 0.231 ng/ul
RT: 21.591 min Scan# 4195
Delta R.T. -0.017 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:228 Resp: 21433

Ion	Ratio	Lower	Upper
228	100		
226	34.0	27.0	40.6
229	20.2	15.4	23.2



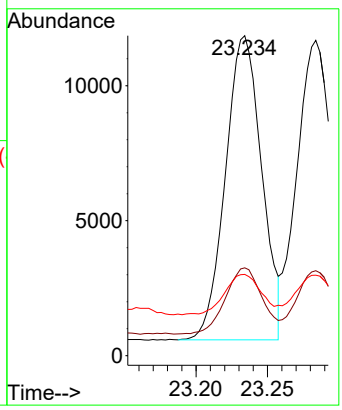


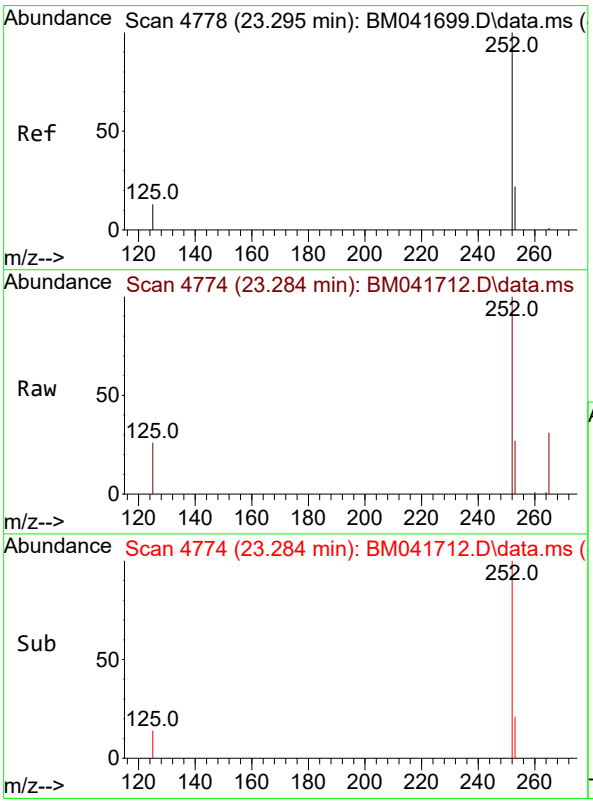
#24
Benzo(b)fluoranthene
Concen: 0.216 ng/ul
RT: 23.234 min Scan# 4
Delta R.T. -0.018 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Instrument :
BNA_M
ClientSampleId :
SLCS235

Tgt Ion:252 Resp: 19926

Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	52.4
125	25.4	0.0	42.8

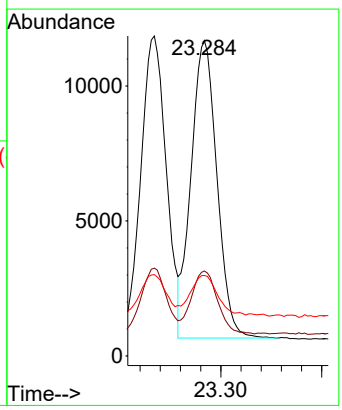


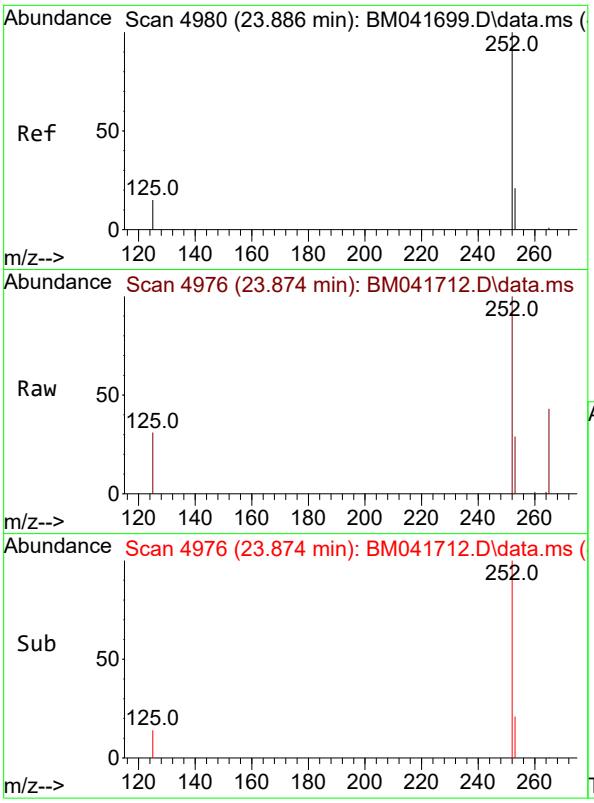


#25
Benzo(k)fluoranthene
Concen: 0.218 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. -0.020 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:252 Resp: 19636

Ion	Ratio	Lower	Upper
252	100		
253	26.9	21.3	31.9
125	25.5	17.4	26.0



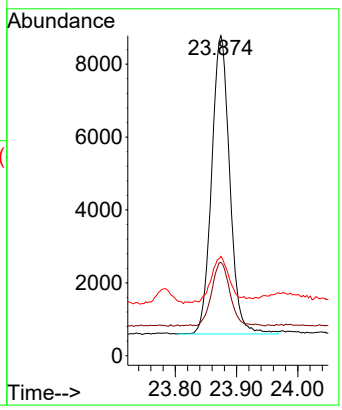


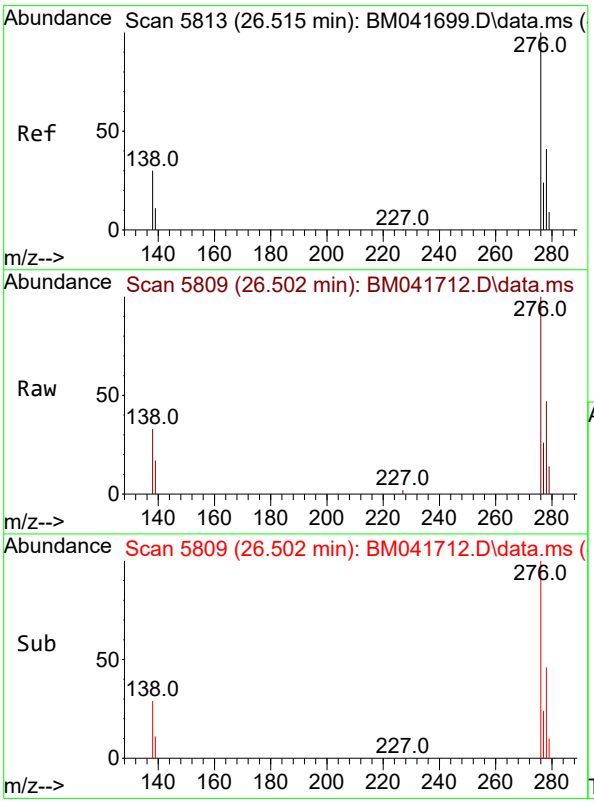
#26
Benzo(a)pyrene
Concen: 0.225 ng/ul
RT: 23.874 min Scan# 4
Delta R.T. -0.023 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Instrument :
BNA_M
ClientSampleId :
SLCS235

Tgt Ion:252 Resp: 16839

Ion	Ratio	Lower	Upper
252	100		
253	29.1	22.4	33.6
125	31.0	21.0	31.4

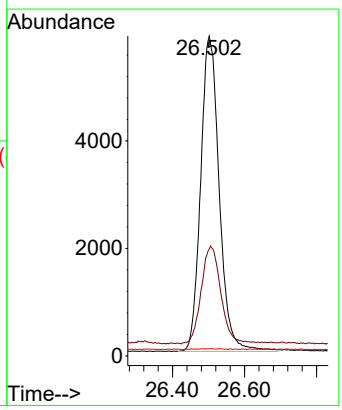


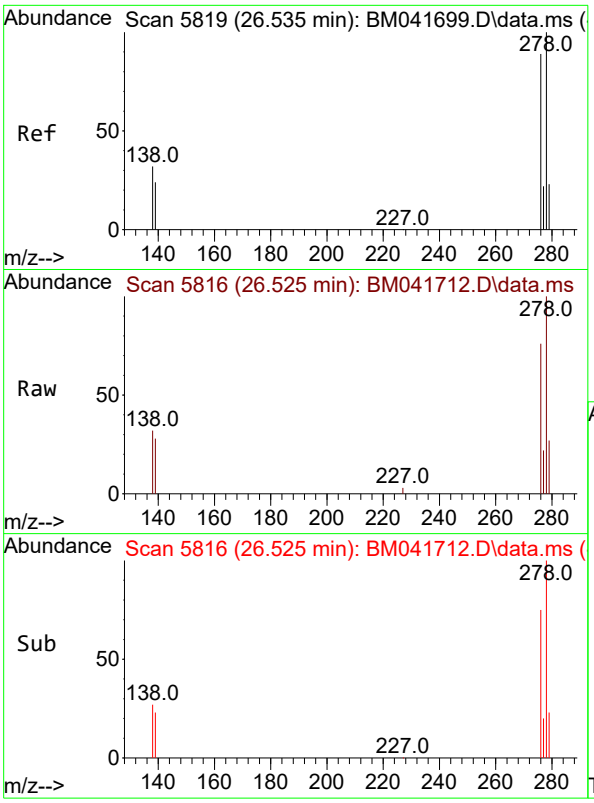


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.205 ng/ul
RT: 26.502 min Scan# 5809
Delta R.T. -0.030 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:276 Resp: 21048

Ion	Ratio	Lower	Upper
276	100		
138	32.9	26.4	39.6
227	0.1	0.1	0.1#



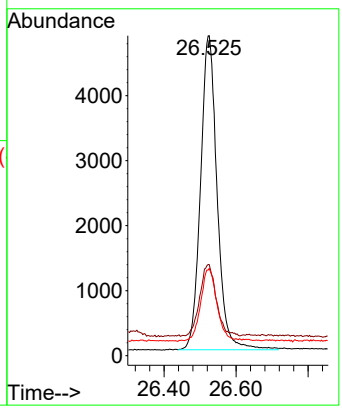


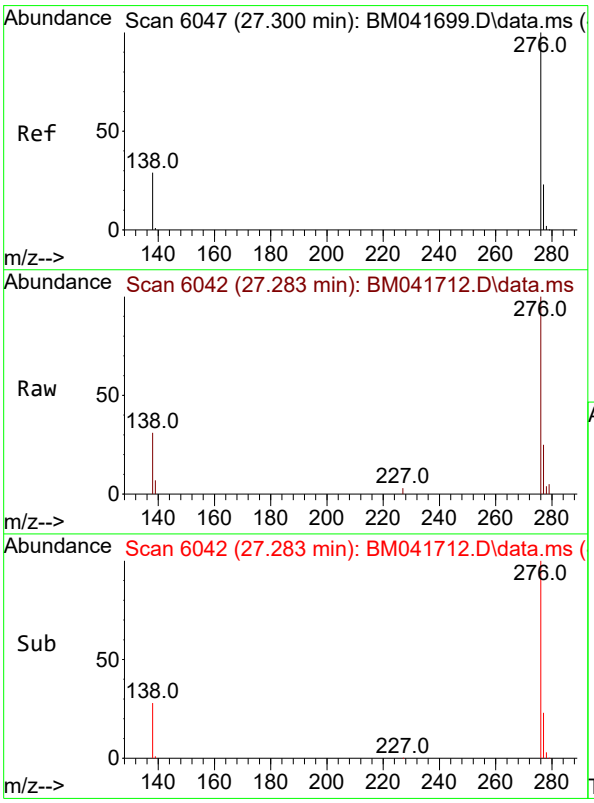
#28
Dibenzo(a,h)anthracene
Concen: 0.214 ng/ul
RT: 26.525 min Scan# 5
Delta R.T. -0.026 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Instrument :
BNA_M
ClientSampleId :
SLCS235

Tgt Ion:278 Resp: 15426

Ion	Ratio	Lower	Upper
278	100		
139	28.4	23.0	34.6
279	27.3	22.9	34.3





#29
Benzo(g,h,i)perylene
Concen: 0.192 ng/ul
RT: 27.283 min Scan# 6042
Delta R.T. -0.033 min
Lab File: BM041712.D
Acq: 08 Sep 2023 01:50

Tgt Ion:276 Resp: 17465

Ion	Ratio	Lower	Upper
276	100		
138	31.5	25.0	37.4
277	25.3	20.2	30.2