Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042035.D
Acq On : 25 Sep 2023 16:10
Operator : MA/JU
Sample : PB155688BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS688

Quant Time: Sep 25 17:08:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	4929	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	12554	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	6584	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	13441	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	6074	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	5749	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	5808	0.865	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	8187	0.521	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	13429	0.537	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.406	88	15369	2.175	ng/ul	89
5) Naphthalene	10.812	128	17930	0.426	ng/ul	99
7) 2-Methylnaphthalene	12.418	142	11488	0.458	ng/ul	99
8) 1-Methylnaphthalene	12.638	142	11145	0.438	ng/ul	99
10) Acenaphthylene	14.324	152	19567	0.443	ng/ul	99
11) Acenaphthene	14.657	153	13722	0.406	ng/ul	99
12) Fluorene	15.647	166	15889	0.417	ng/ul	100
14) Pentachlorophenol	16.978	266	2461	0.346	ng/ul	99
15) Phenanthrene	17.392	178	24647	0.395	ng/ul	100
16) Anthracene	17.485	178	23481	0.436	ng/ul	100
19) Fluoranthene	19.399	202	26701	0.389	ng/ul	99
20) Pyrene	19.766	202	27662	0.410	ng/ul	98
21) Benzo(a)anthracene	21.504	228	18210	0.395	ng/ul	99
22) Chrysene	21.559	228	17662	0.371	ng/ul	99
24) Benzo(b)fluoranthene	23.187	252	15942	0.360	ng/ul	95
25) Benzo(k)fluoranthene	23.234	252	16248	0.378	ng/ul	95
26) Benzo(a)pyrene	23.822	252	14055	0.386	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.421	276	18220	0.365	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.444	278	13676	0.379	ng/ul	99
29) Benzo(g,h,i)perylene	27.196	276	15152	0.361	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092523\
Data File : BM042035.D
Acq On : 25 Sep 2023 16:10
Operator : MA/JU
Sample : PB155688BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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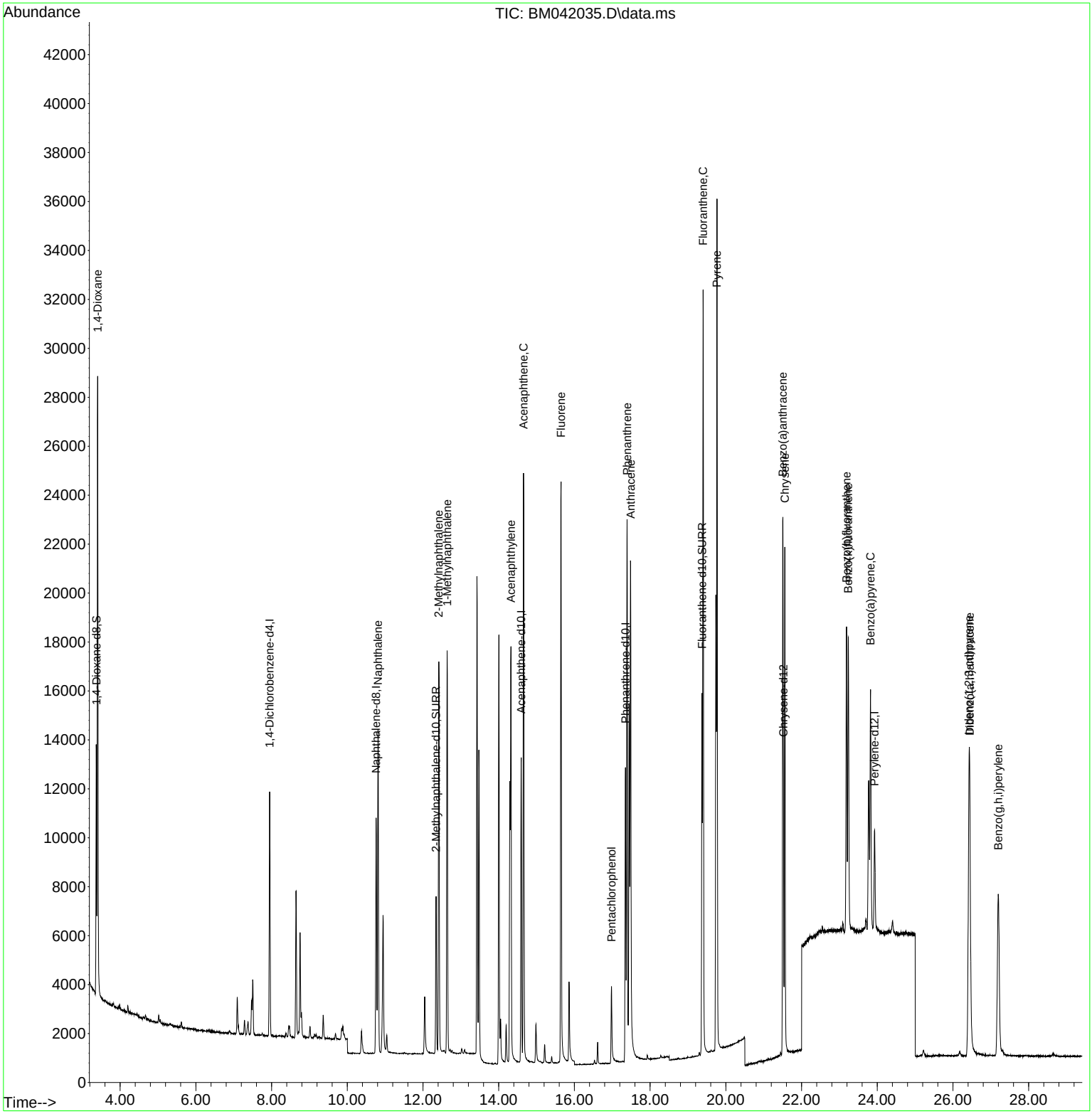
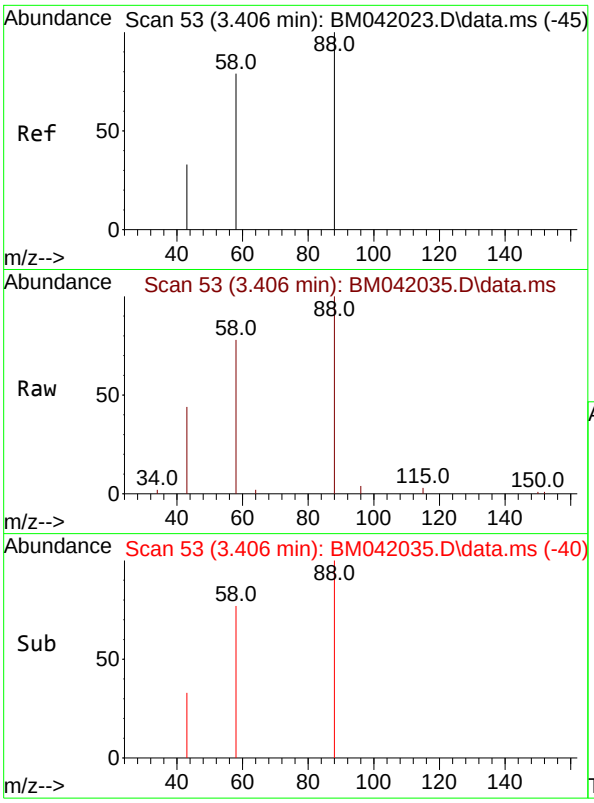
Quant Time: Sep 25 17:08:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 13:50:58 2023
Response via : Initial Calibration



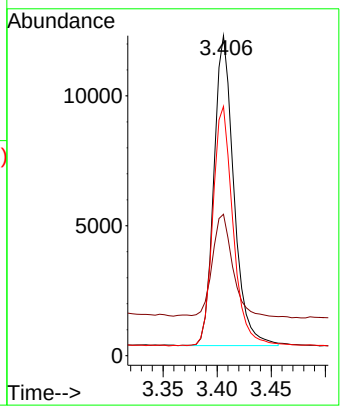


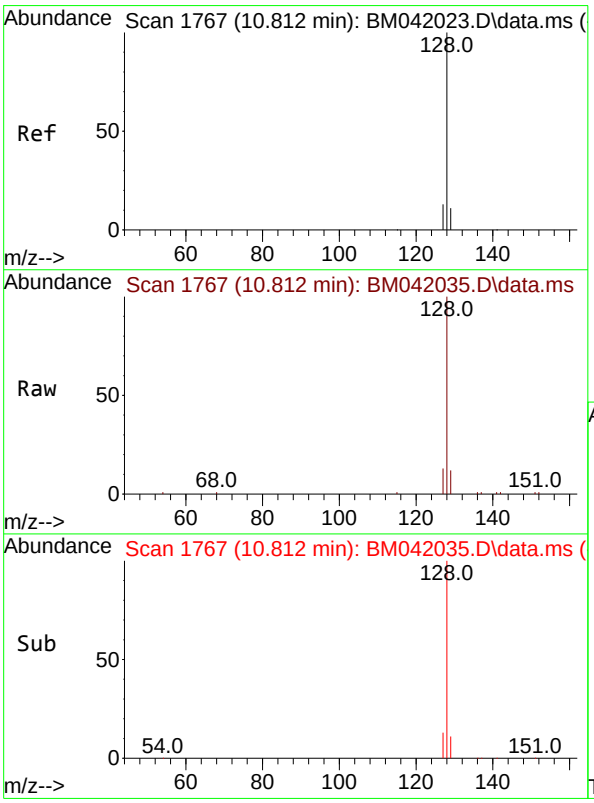
#2
1,4-Dioxane
Concen: 2.175 ng/ul
RT: 3.406 min Scan# 5
Delta R.T. -0.004 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Instrument :
BNA_M
ClientSampleId :
SLCS688

Tgt Ion: 88 Resp: 15369

Ion	Ratio	Lower	Upper
88	100		
43	44.2	42.9	64.3
58	77.9	56.4	84.6

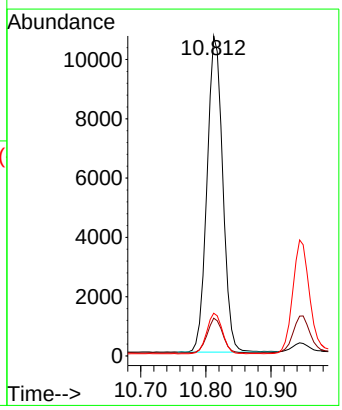


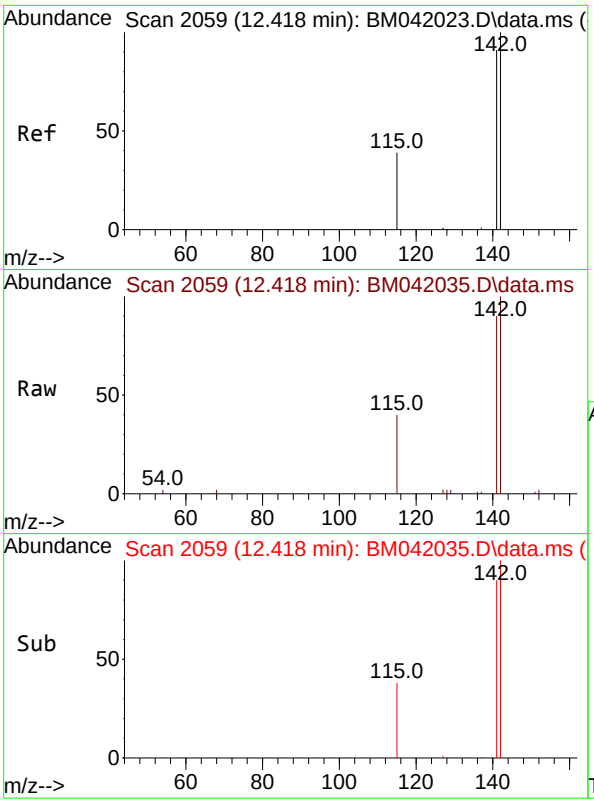


#5
Naphthalene
Concen: 0.426 ng/ul
RT: 10.812 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Tgt Ion:128 Resp: 17930

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.2	13.8
127	13.4	10.8	16.2



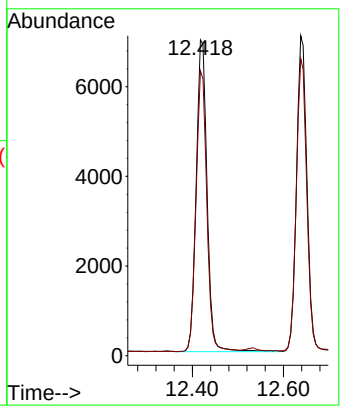


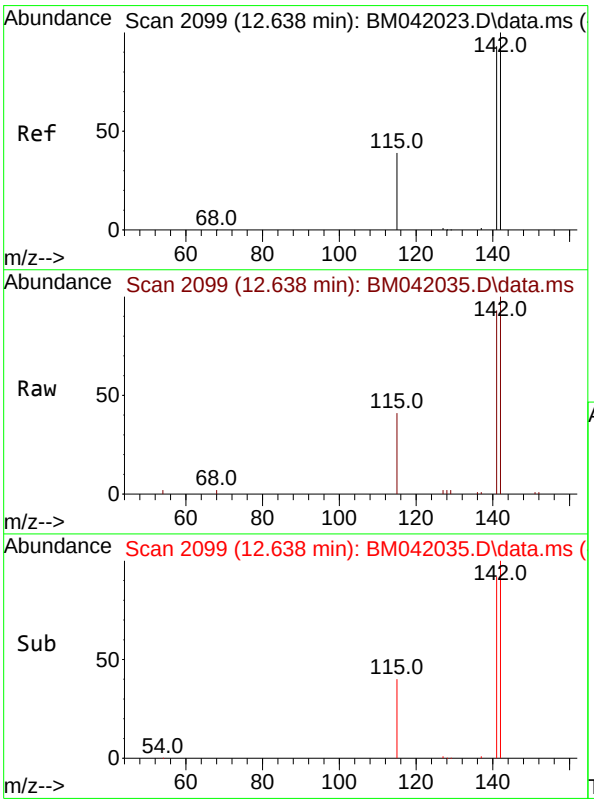
#7
2-Methylnaphthalene
Concen: 0.458 ng/ul
RT: 12.418 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Instrument :
BNA_M
ClientSampleId :
SLCS688

Tgt Ion:142 Resp: 11488

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.1	108.1

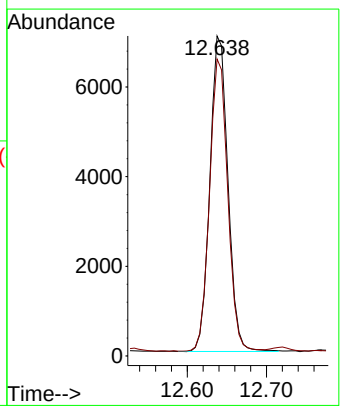


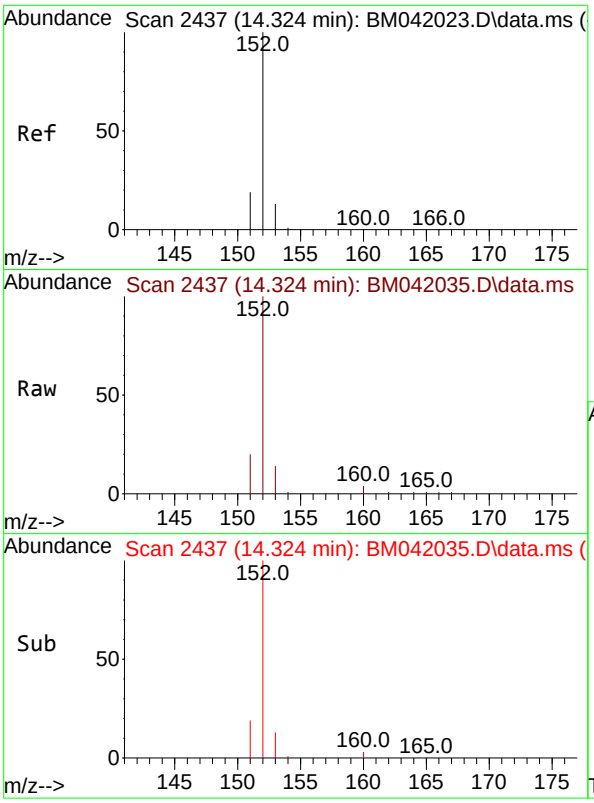


#8
1-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 12.638 min Scan# 2099
Delta R.T. -0.006 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Tgt Ion:142 Resp: 11145

Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.1	112.7



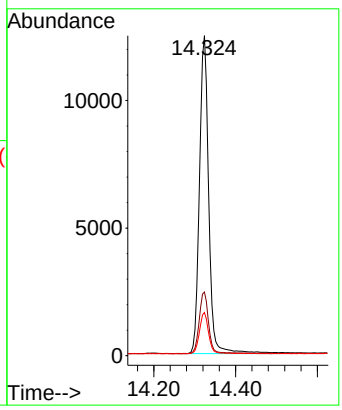


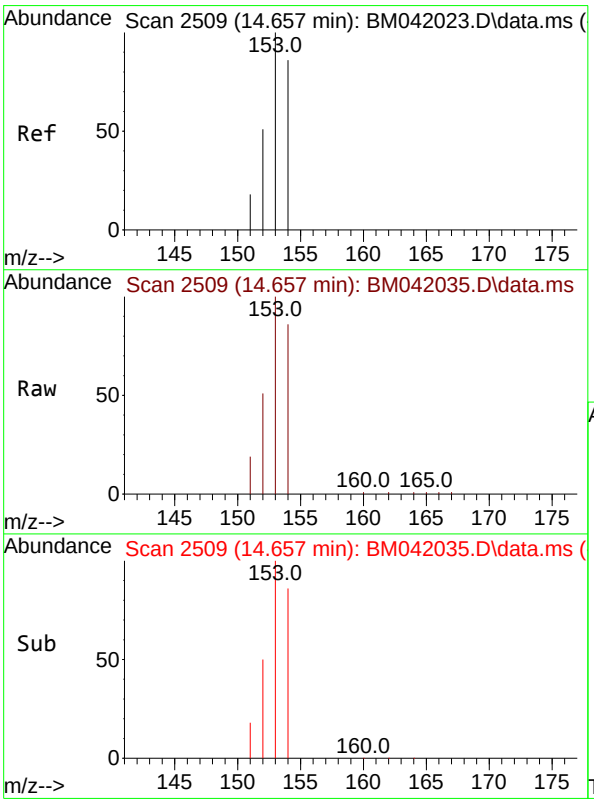
#10
Acenaphthylene
Concen: 0.443 ng/ul
RT: 14.324 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Instrument :
BNA_M
ClientSampleId :
SLCS688

Tgt Ion:152 Resp: 19567

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	13.5	10.8	16.2

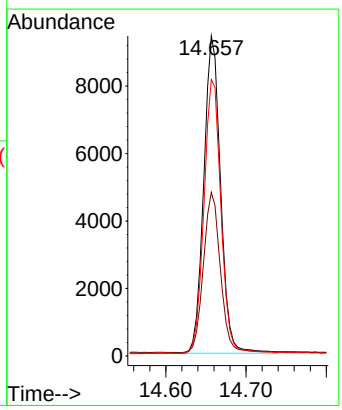


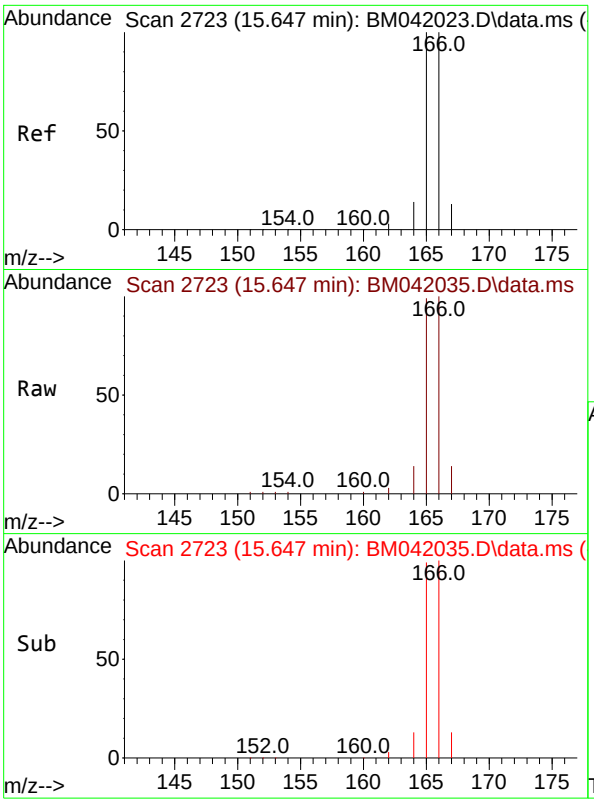


#11
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.657 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Tgt Ion:153 Resp: 13722

Ion	Ratio	Lower	Upper
153	100		
152	51.1	41.8	62.8
154	86.4	69.0	103.6



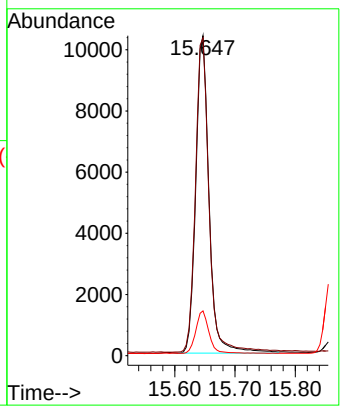


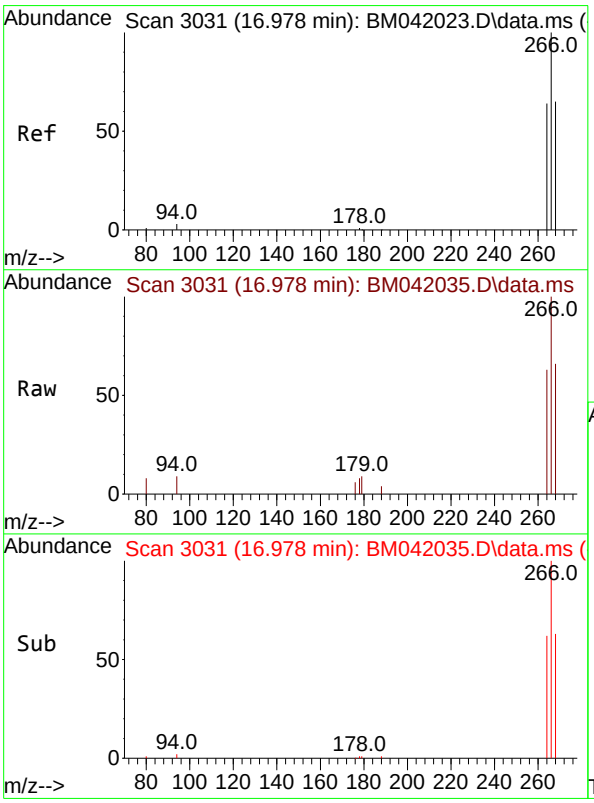
#12
Fluorene
Concen: 0.417 ng/ul
RT: 15.647 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Instrument :
BNA_M
ClientSampleId :
SLCS688

Tgt Ion:166 Resp: 15889

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.8	119.8
167	14.0	11.1	16.7

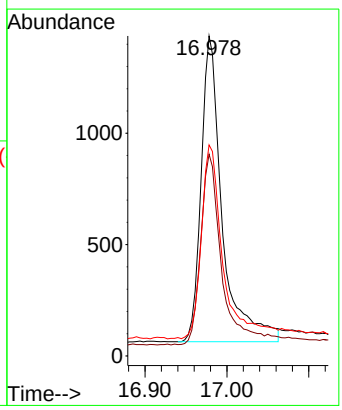


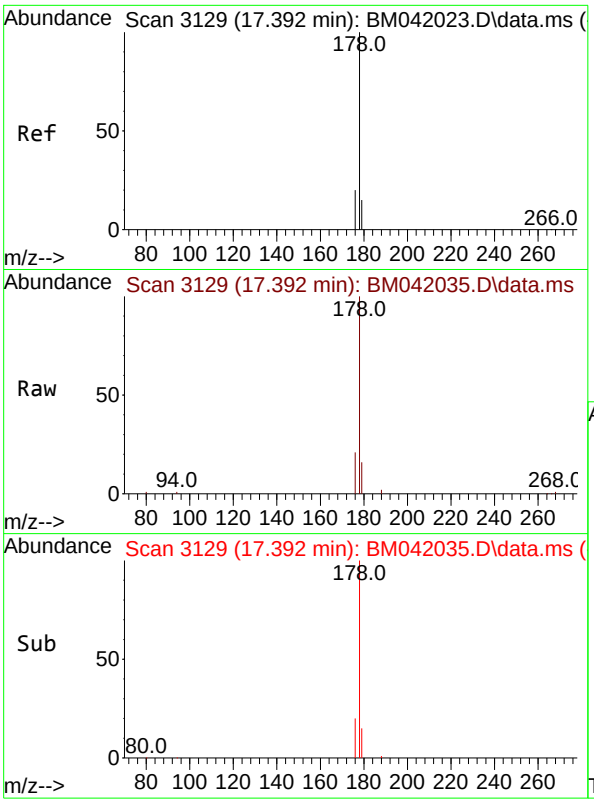


#14
Pentachlorophenol
Concen: 0.346 ng/ul
RT: 16.978 min Scan# 3031
Delta R.T. -0.004 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Tgt Ion:266 Resp: 2461

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.2	75.4
268	65.6	51.0	76.4



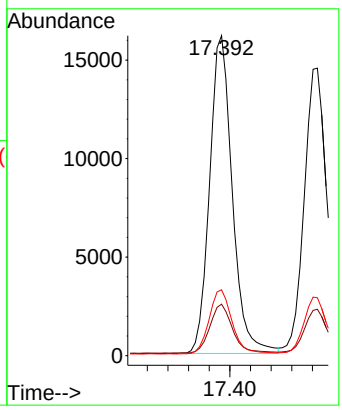


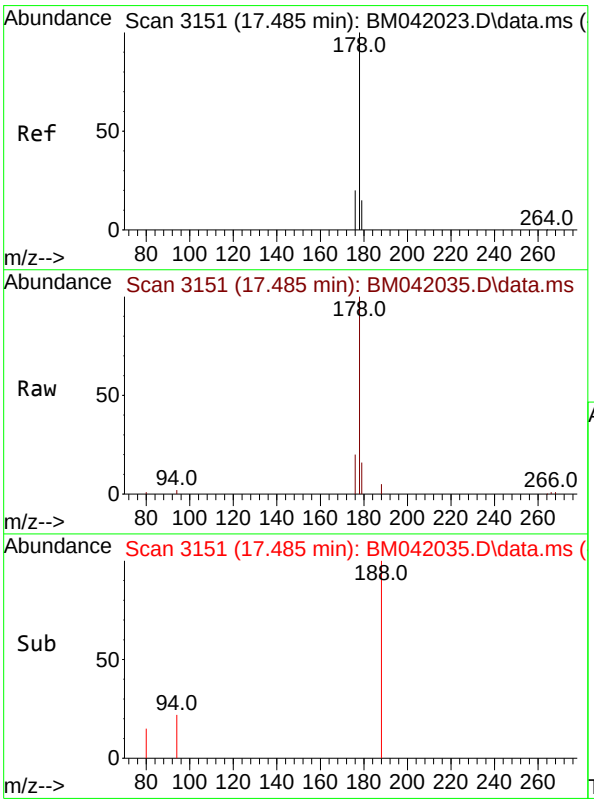
#15
Phenanthrene
Concen: 0.395 ng/ul
RT: 17.392 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Instrument :
BNA_M
ClientSampleId :
SLCS688

Tgt Ion:178 Resp: 24647

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.7	19.1
176	20.6	16.6	24.8

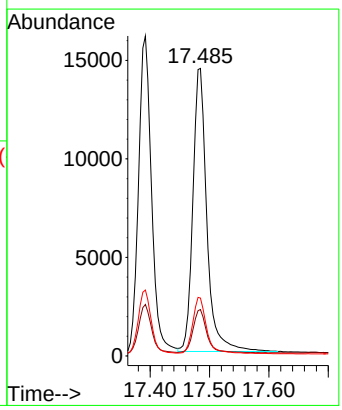


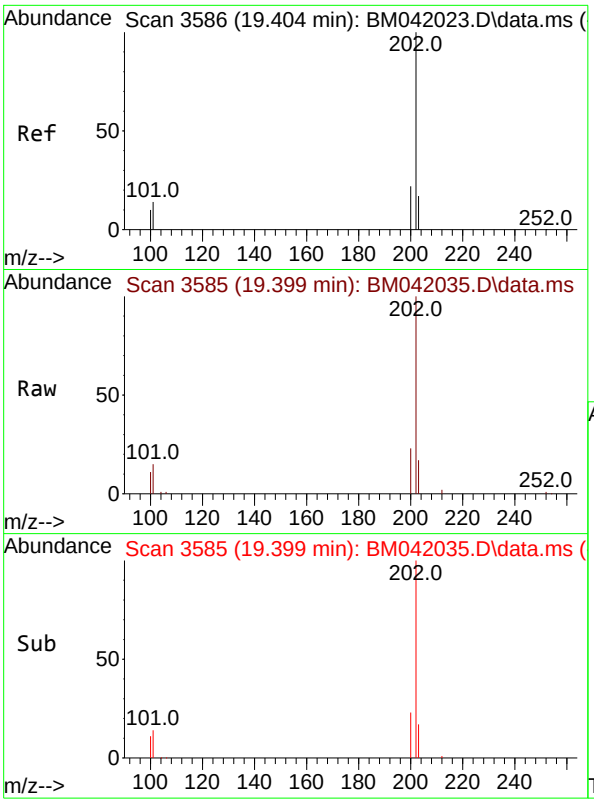


#16
Anthracene
Concen: 0.436 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Tgt Ion:178 Resp: 23481

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	20.1	16.2	24.2



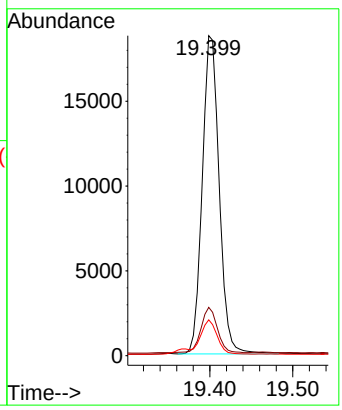


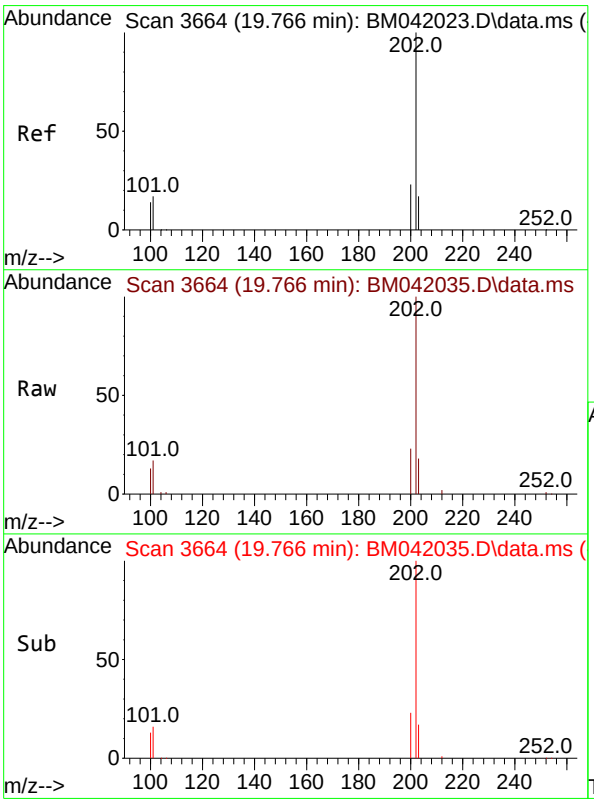
#19
Fluoranthene
Concen: 0.389 ng/ul
RT: 19.399 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Instrument :
BNA_M
ClientSampleId :
SLCS688

Tgt Ion:202 Resp: 26701

Ion	Ratio	Lower	Upper
202	100		
101	15.1	11.8	17.6
100	11.2	9.1	13.7

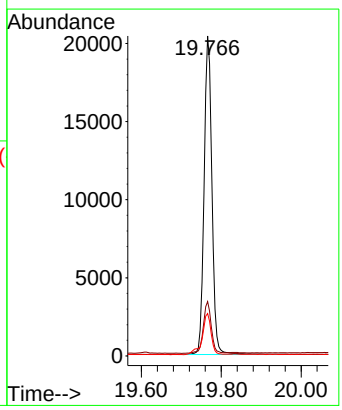


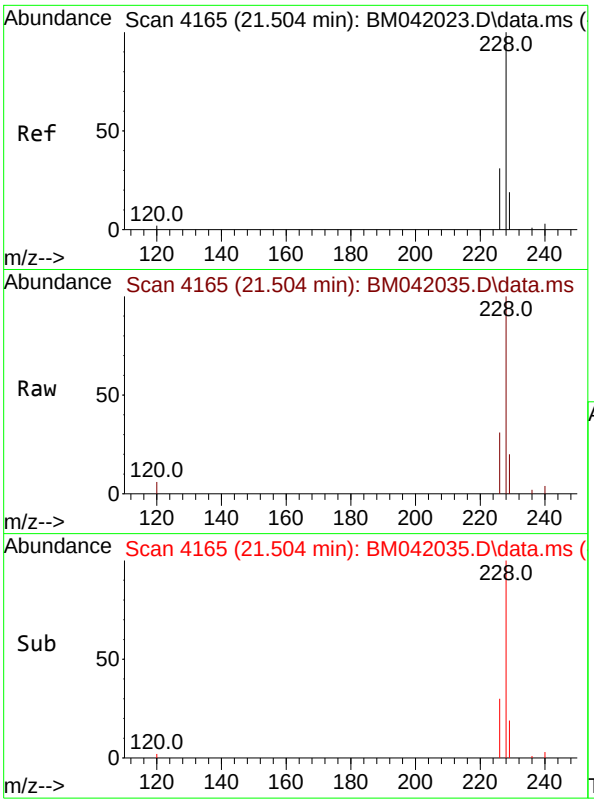


#20
Pyrene
Concen: 0.410 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Tgt Ion:202 Resp: 27662

Ion	Ratio	Lower	Upper
202	100		
101	17.0	14.1	21.1
100	13.2	11.4	17.0



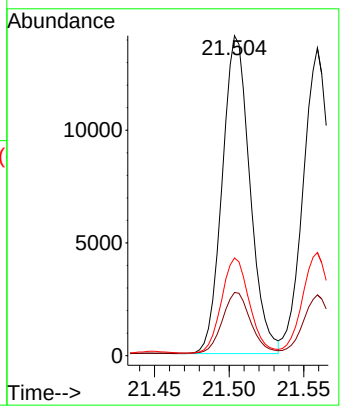


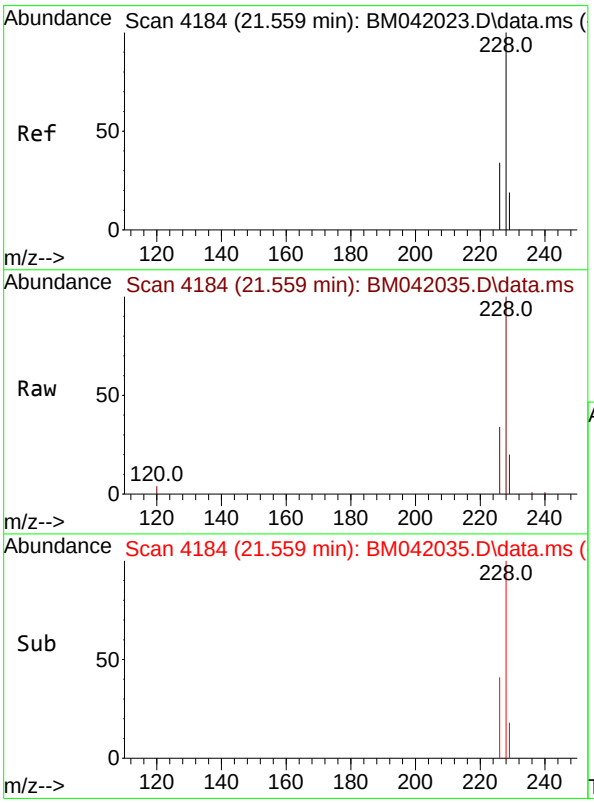
#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.504 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Instrument :
BNA_M
ClientSampleId :
SLCS688

Tgt Ion:228 Resp: 18210

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.5	23.3
226	30.6	24.8	37.2

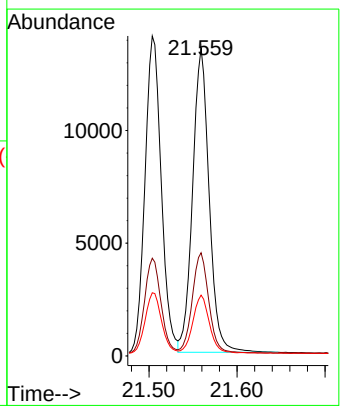


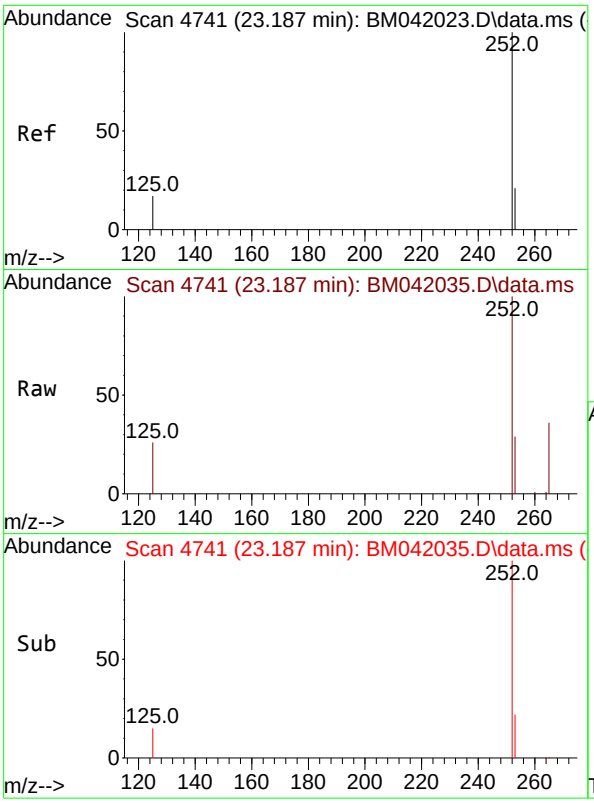


#22
Chrysene
Concen: 0.371 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Tgt Ion:228 Resp: 17662

Ion	Ratio	Lower	Upper
228	100		
226	33.5	27.8	41.6
229	19.7	15.6	23.4



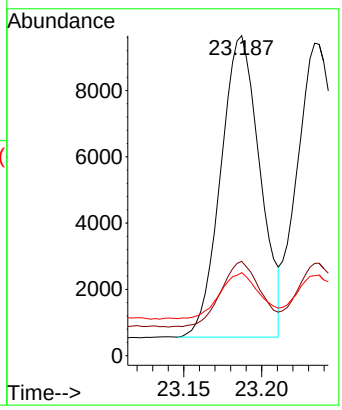


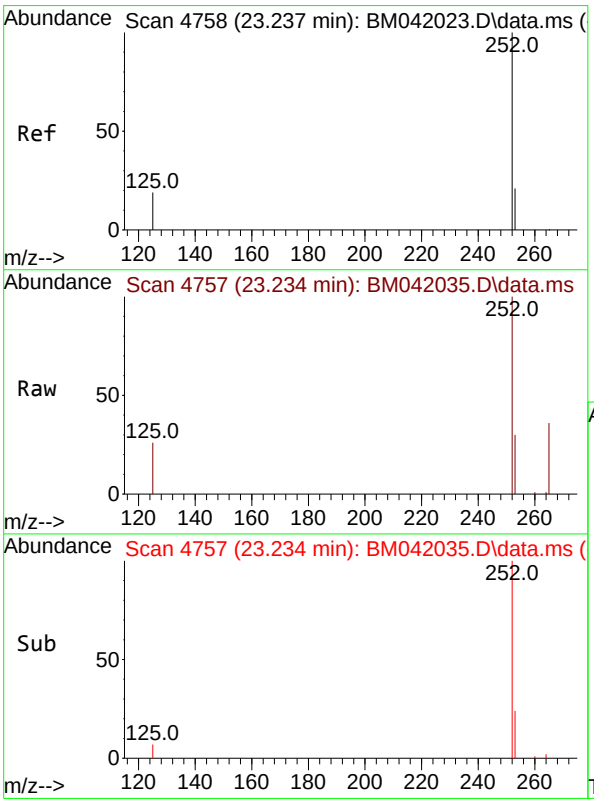
#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 23.187 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Instrument :
BNA_M
ClientSampleId :
SLCS688

Tgt Ion:252 Resp: 15942

Ion	Ratio	Lower	Upper
252	100		
253	29.5	0.0	54.4
125	26.0	0.0	46.2

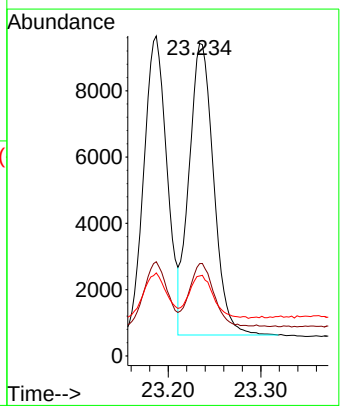


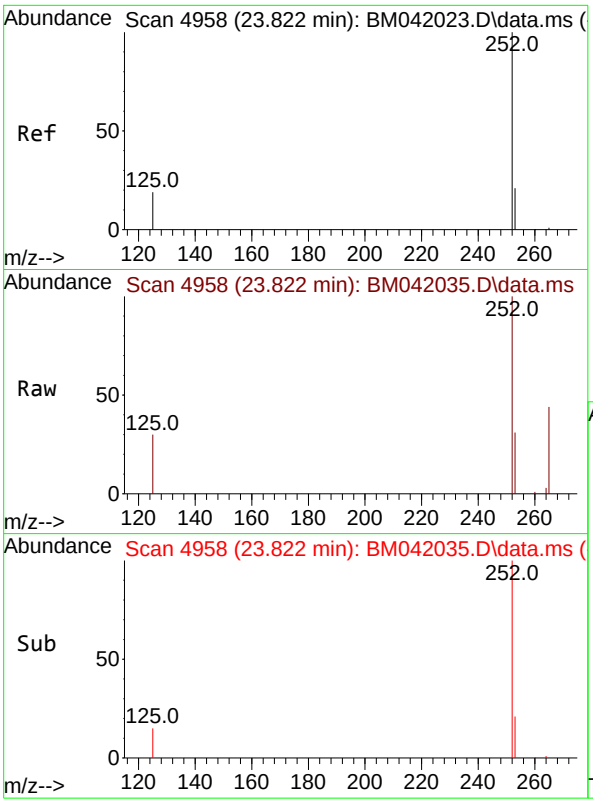


#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 23.234 min Scan# 4757
Delta R.T. -0.006 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Tgt Ion:252 Resp: 16248

Ion	Ratio	Lower	Upper
252	100		
253	29.5	21.0	31.6
125	25.6	19.0	28.6



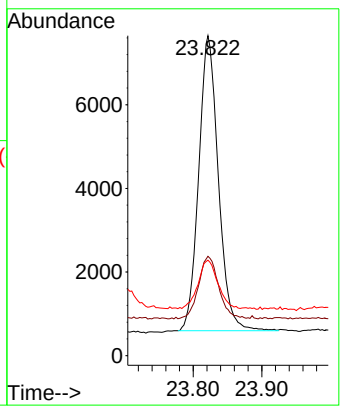


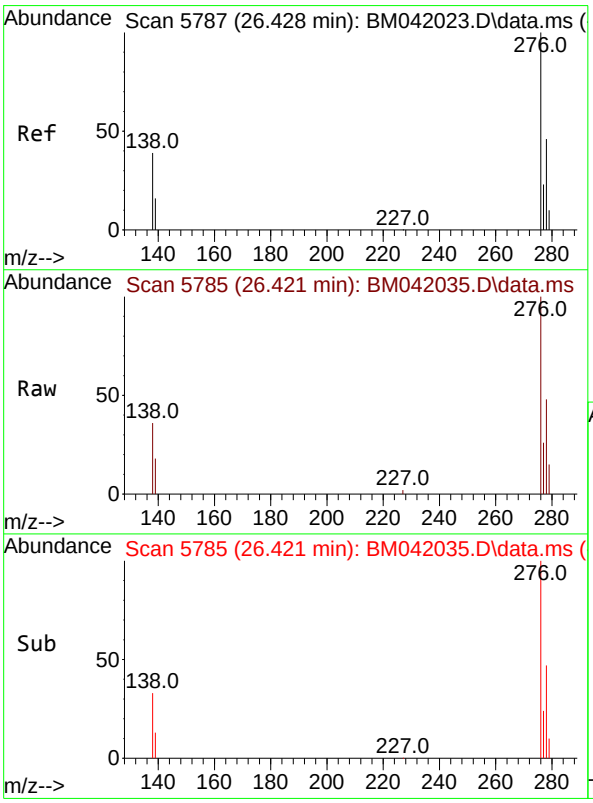
#26
Benzo(a)pyrene
Concen: 0.386 ng/ul
RT: 23.822 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Instrument :
BNA_M
ClientSampleId :
SLCS688

Tgt Ion:252 Resp: 14055

Ion	Ratio	Lower	Upper
252	100		
253	31.1	23.2	34.8
125	29.9	22.5	33.7

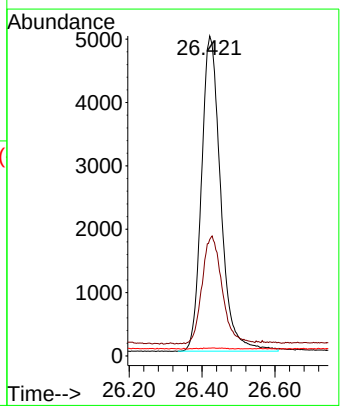


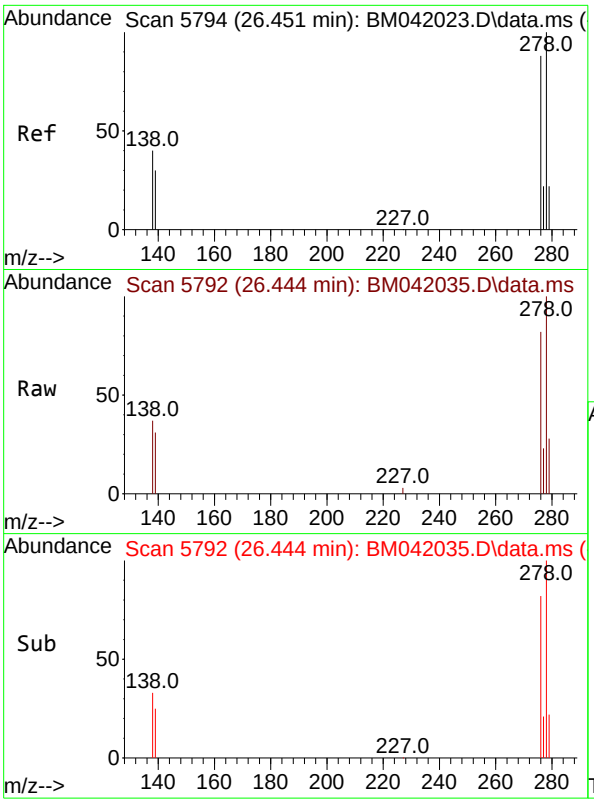


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.421 min Scan# 5785
Delta R.T. -0.010 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Tgt Ion:276 Resp: 18220

Ion	Ratio	Lower	Upper
276	100		
138	35.6	32.1	48.1
227	0.0	0.2	0.2#



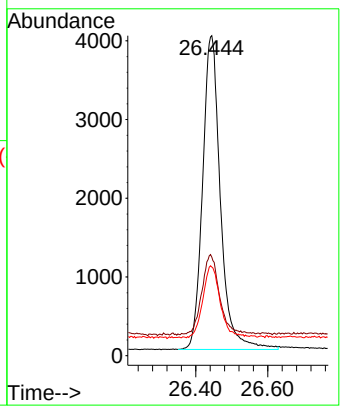


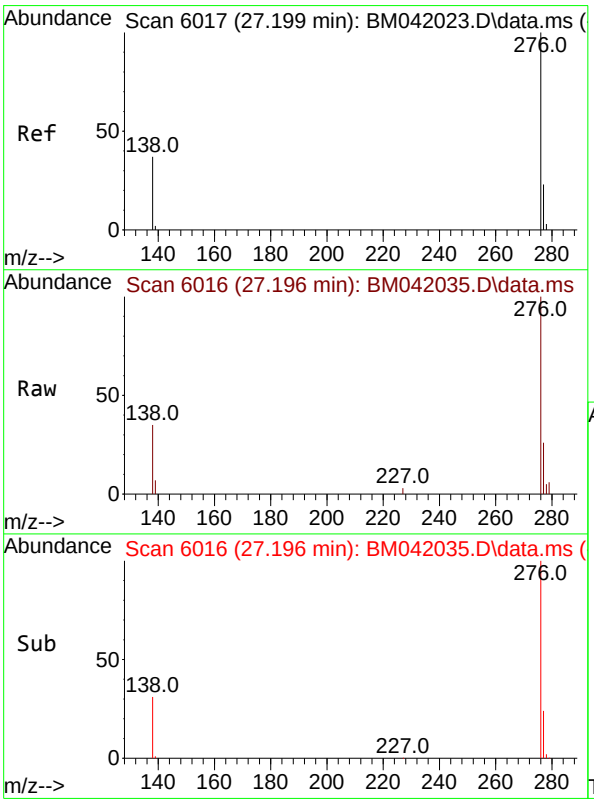
#28
Dibenzo(a,h)anthracene
Concen: 0.379 ng/ul
RT: 26.444 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Instrument :
BNA_M
ClientSampleId :
SLCS688

Tgt Ion:278 Resp: 13676

Ion	Ratio	Lower	Upper
278	100		
139	30.8	25.0	37.6
279	27.7	21.7	32.5





#29
Benzo(g,h,i)perylene
Concen: 0.361 ng/ul
RT: 27.196 min Scan# 6016
Delta R.T. -0.013 min
Lab File: BM042035.D
Acq: 25 Sep 2023 16:10

Tgt Ion:276 Resp: 15152

Ion	Ratio	Lower	Upper
276	100		
138	35.4	29.0	43.4
277	25.9	19.6	29.4