Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044170.D
Acq On : 17 Feb 2024 11:07
Operator : MA/JU
Sample : PB158959BS
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS959

Quant Time: Feb 18 23:56:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.900	152	9012	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	28581	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.539	164	14660	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	29576	0.400	ng/ul	0.00
17) Chrysene-d12	21.496	240	18326	0.400	ng/ul	0.00
23) Perylene-d12	23.887	264	16823	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	8520	0.668	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.288	152	14734	0.368	ng/ul	-0.01
18) Fluoranthene-d10	19.327	212	26530	0.485	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.386	88	26353	2.066	ng/ul#	75
5) Naphthalene	10.748	128	32427	0.382	ng/ul	98
7) 2-Methylnaphthalene	12.365	142	20295	0.387	ng/ul	100
8) 1-Methylnaphthalene	12.585	142	19692	0.371	ng/ul	99
10) Acenaphthylene	14.261	152	31425	0.390	ng/ul	99
11) Acenaphthene	14.604	153	22255	0.381	ng/ul	99
12) Fluorene	15.594	166	24334	0.370	ng/ul	99
14) Pentachlorophenol	16.938	266	7858	0.742	ng/ul	99
15) Phenanthrene	17.335	178	37361	0.399	ng/ul	100
16) Anthracene	17.428	178	36260	0.391	ng/ul	100
19) Fluoranthene	19.360	202	41890	0.501	ng/ul	99
20) Pyrene	19.722	202	42757	0.487	ng/ul	98
21) Benzo(a)anthracene	21.481	228	32956	0.393	ng/ul	100
22) Chrysene	21.534	228	35540	0.393	ng/ul	100
24) Benzo(b)fluoranthene	23.162	252	29268	0.422	ng/ul	99
25) Benzo(k)fluoranthene	23.212	252	31726	0.421	ng/ul	97
26) Benzo(a)pyrene	23.782	252	25372	0.393	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.372	276	28716	0.349	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.402	278	22736	0.351	ng/ul	98
29) Benzo(g,h,i)perylene	27.123	276	24733	0.340	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
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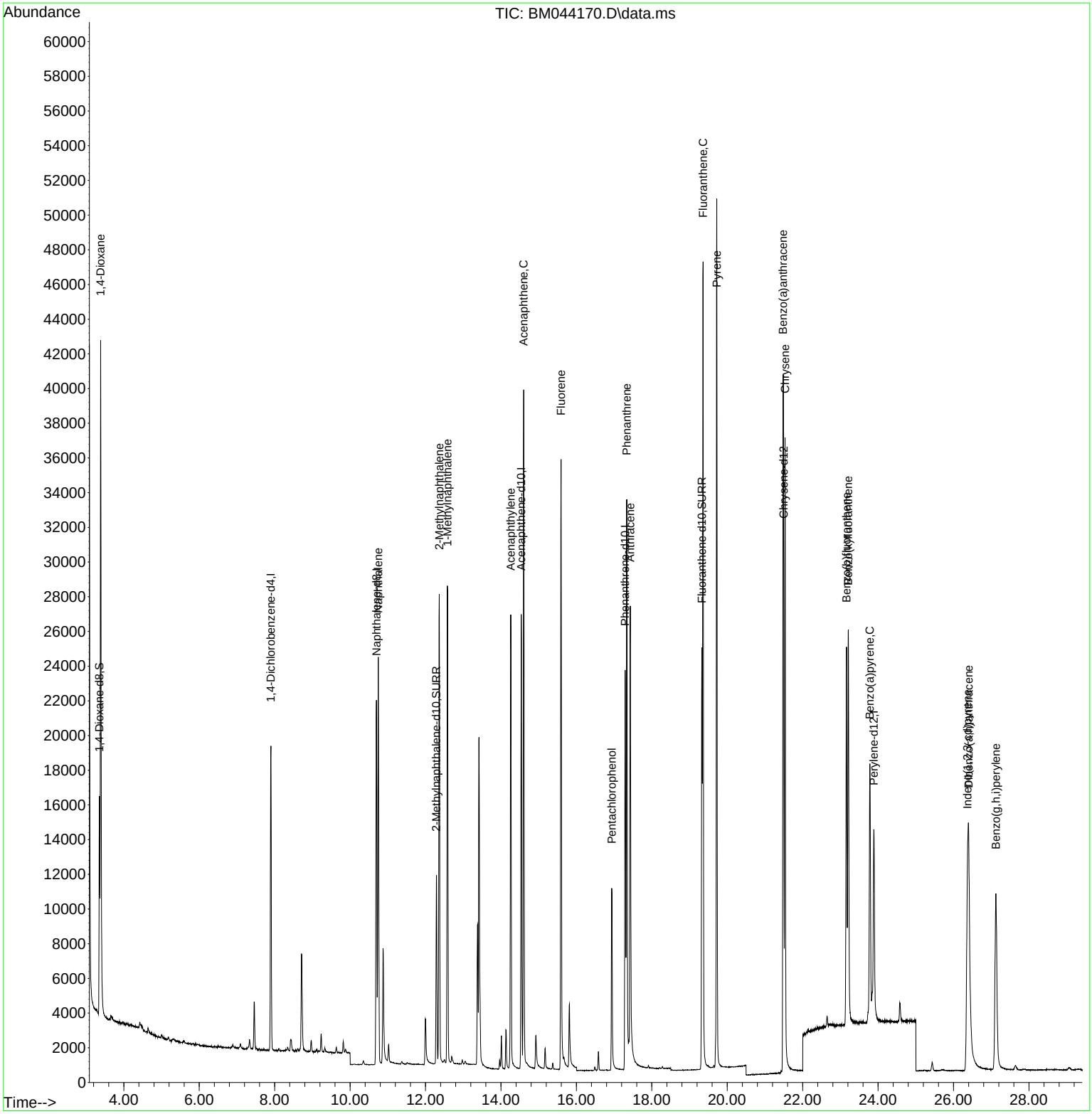
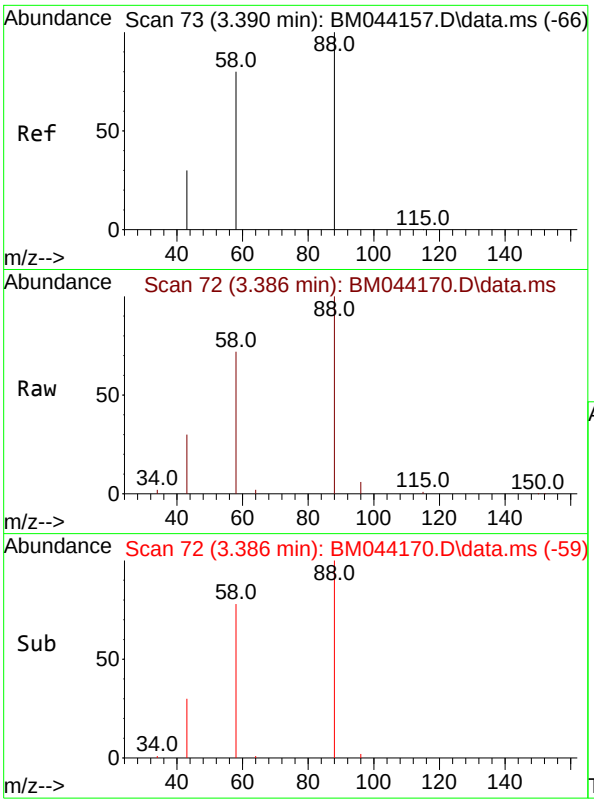


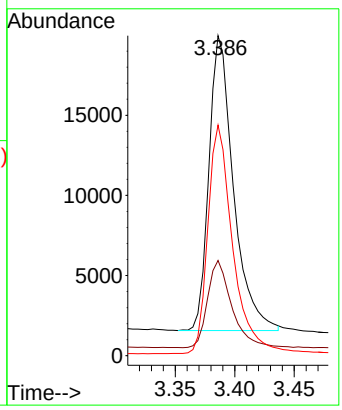


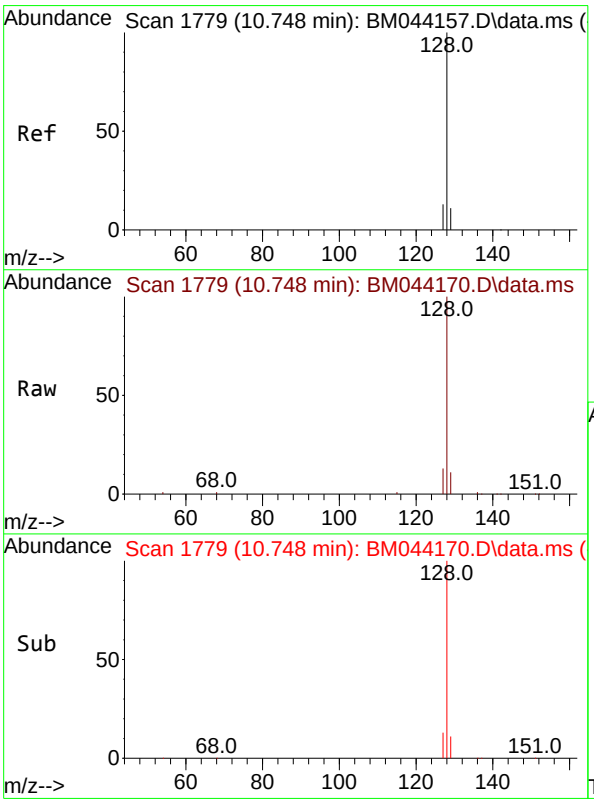
#2
1,4-Dioxane
Concen: 2.066 ng/ul
RT: 3.386 min Scan# 7
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Instrument :
BNA_M
ClientSampleId :
SLCS959

Tgt Ion: 88 Resp: 26353

Ion	Ratio	Lower	Upper
88	100		
43	29.7	32.2	48.2#
58	72.0	40.6	60.8#

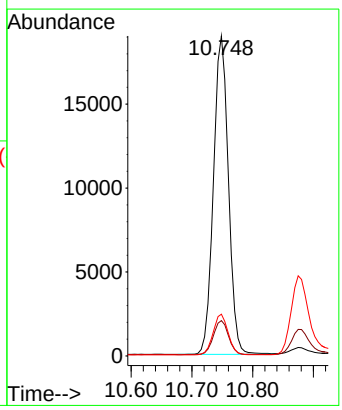


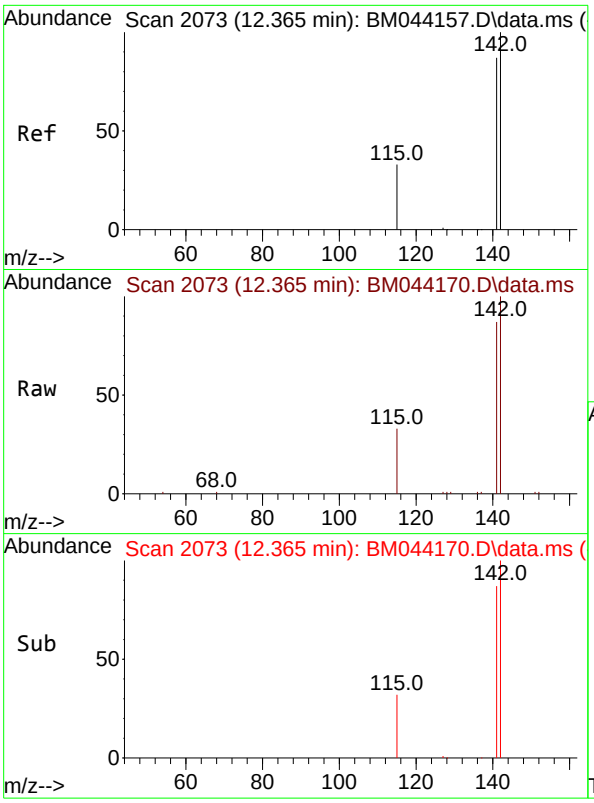


#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.748 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:128 Resp: 32427

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.5	14.3
127	13.0	10.7	16.1



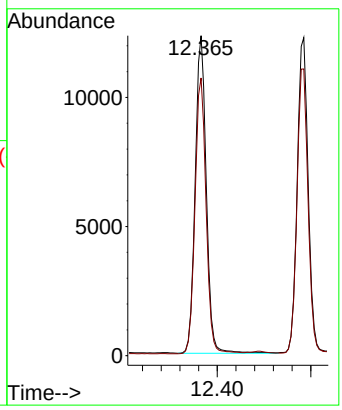


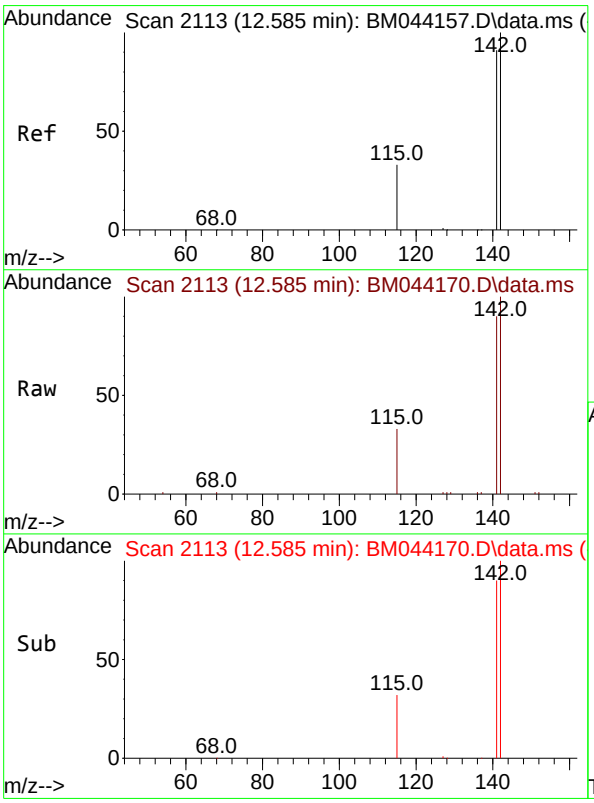
#7
2-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.365 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Instrument :
BNA_M
ClientSampleId :
SLCS959

Tgt Ion:142 Resp: 20295

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.0	105.0

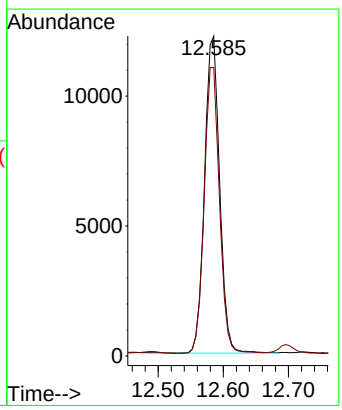


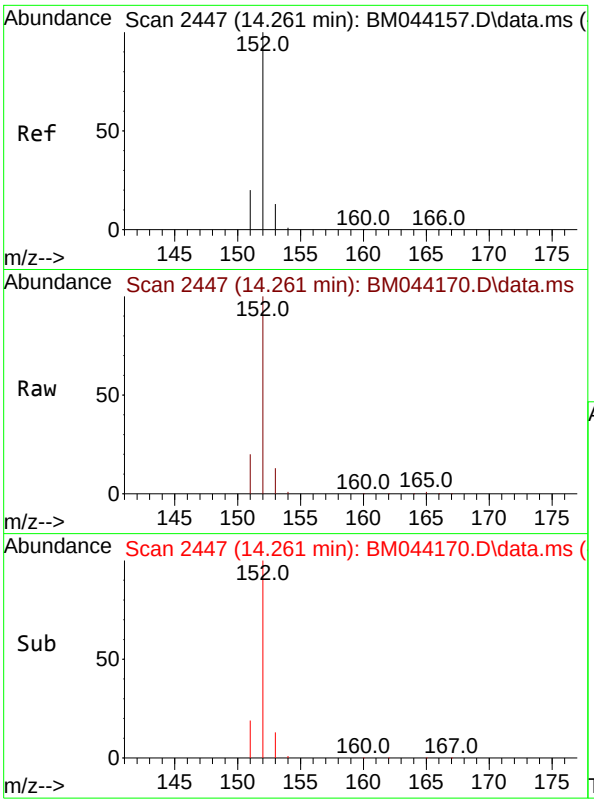


#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:142 Resp: 19692

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.5	108.7



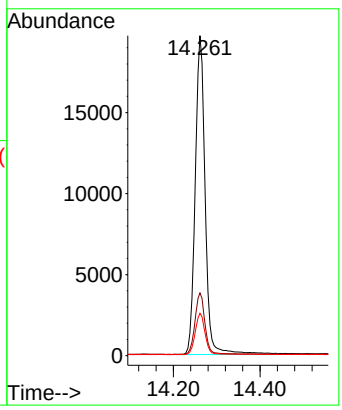


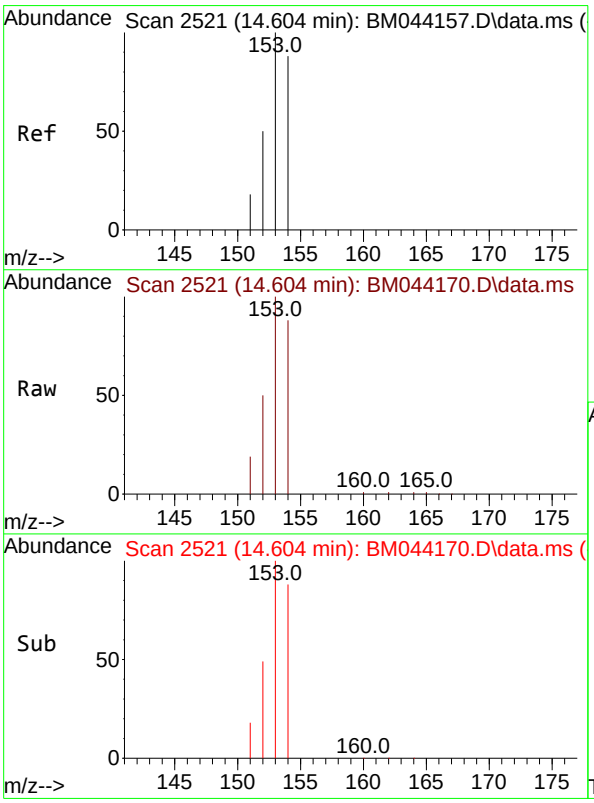
#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.261 min Scan# 24
Delta R.T. -0.008 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Instrument :
BNA_M
ClientSampleId :
SLCS959

Tgt Ion:152 Resp: 31425

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.2	10.8	16.2

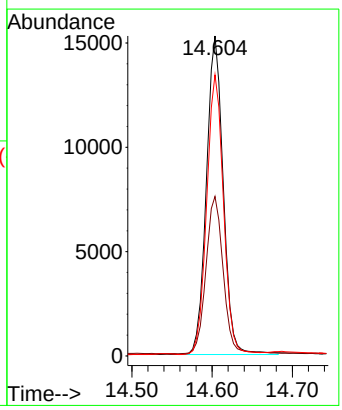


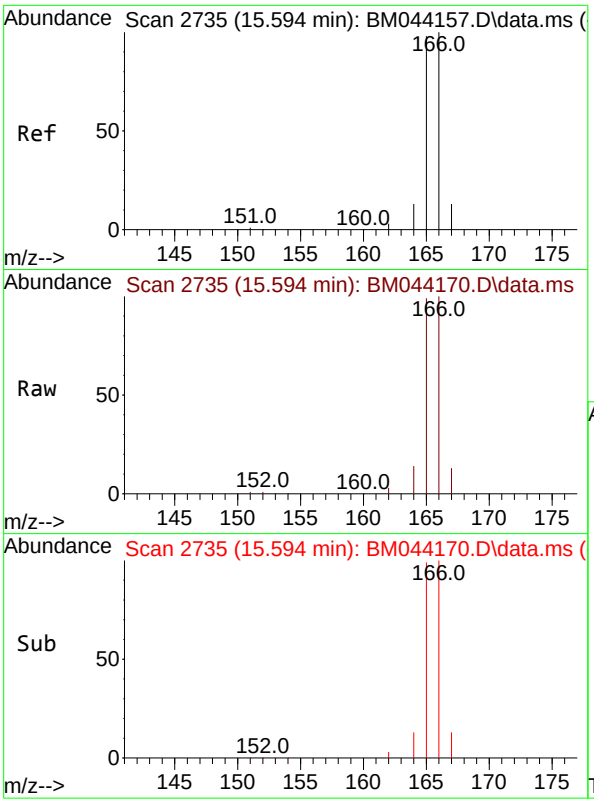


#11
Acenaphthene
Concen: 0.381 ng/ul
RT: 14.604 min Scan# 2521
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:153 Resp: 22255

Ion	Ratio	Lower	Upper
153	100		
152	49.9	40.6	61.0
154	87.9	70.1	105.1



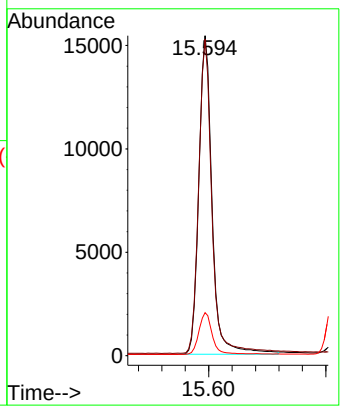


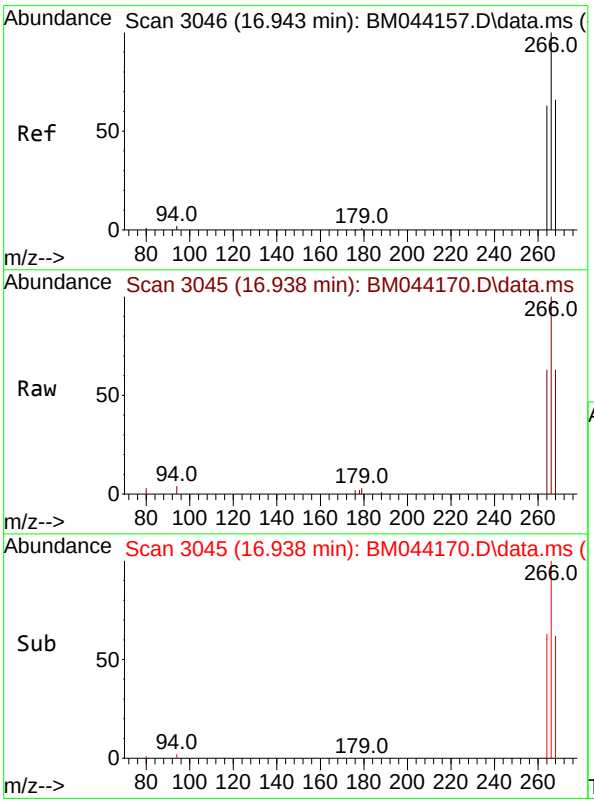
#12
Fluorene
Concen: 0.370 ng/ul
RT: 15.594 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Instrument :
BNA_M
ClientSampleId :
SLCS959

Tgt Ion:166 Resp: 24334

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.6
167	13.5	11.1	16.7

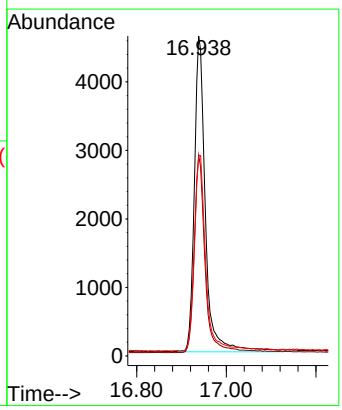


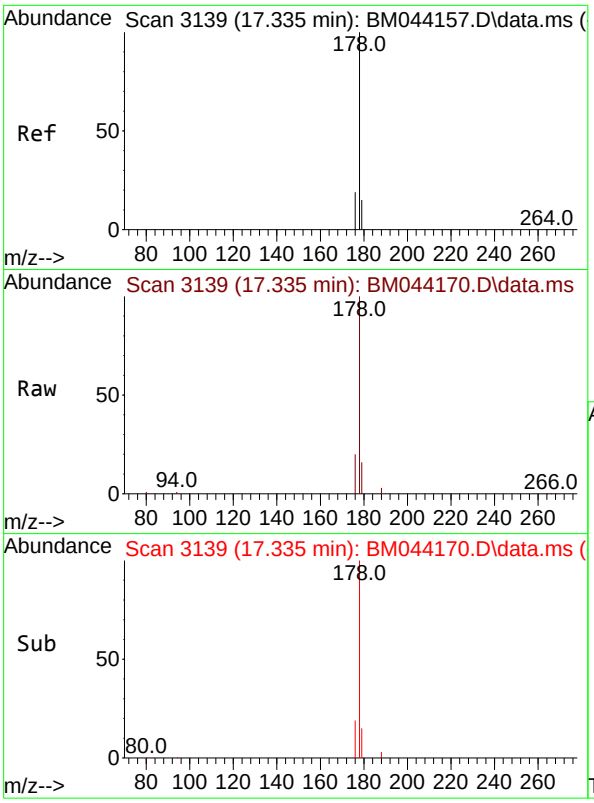


#14
Pentachlorophenol
Concen: 0.742 ng/ul
RT: 16.938 min Scan# 3045
Delta R.T. -0.007 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:266 Resp: 7858

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.4	74.0
268	64.2	52.1	78.1



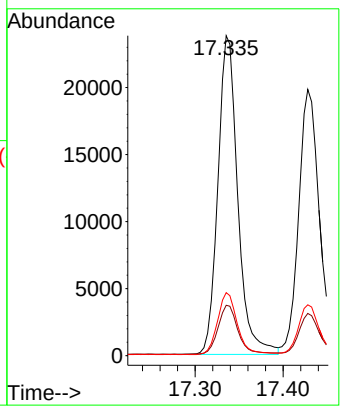


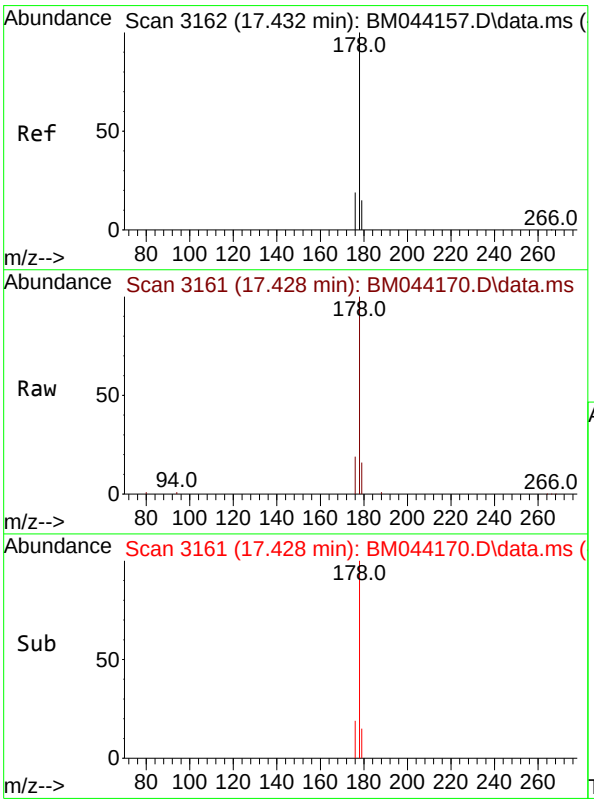
#15
Phenanthrene
Concen: 0.399 ng/ul
RT: 17.335 min Scan# 3
Delta R.T. -0.003 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Instrument :
BNA_M
ClientSampleId :
SLCS959

Tgt Ion:178 Resp: 37361

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.7	16.0	24.0

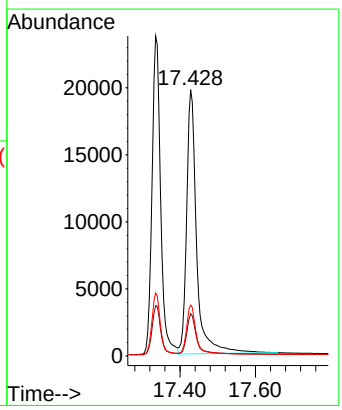


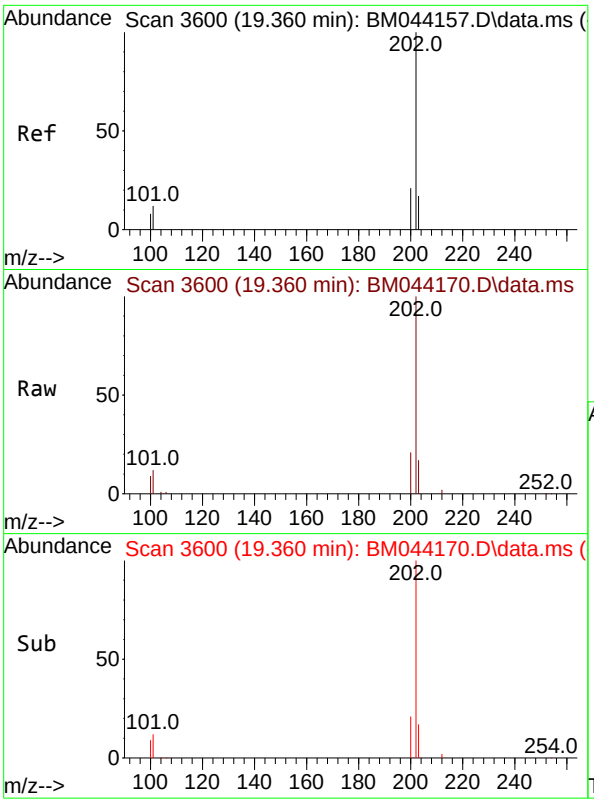


#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.007 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:178 Resp: 36260

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	19.1	15.3	22.9



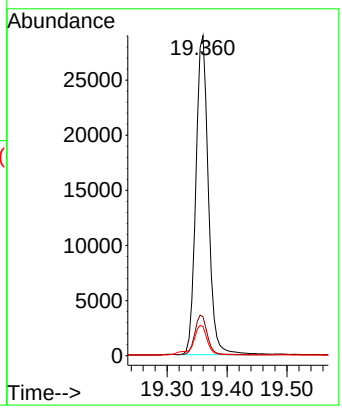


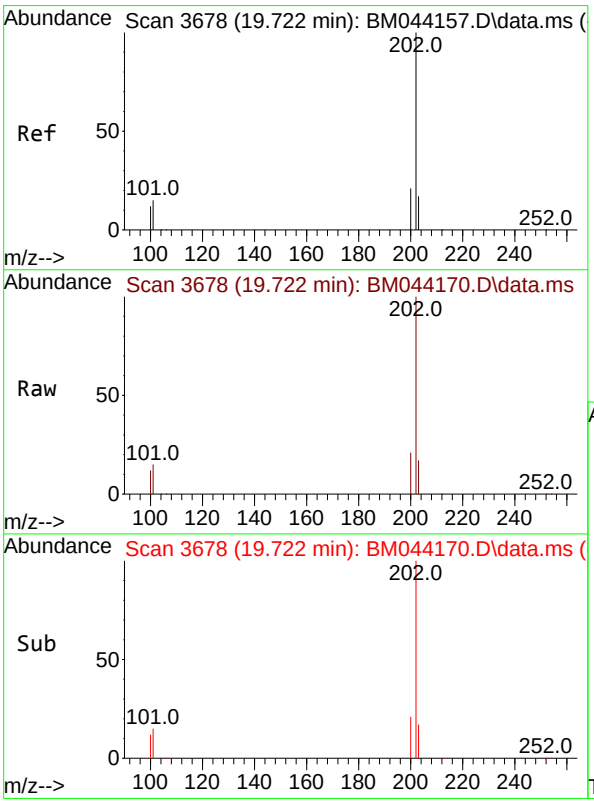
#19
Fluoranthene
Concen: 0.501 ng/ul
RT: 19.360 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Instrument :
BNA_M
ClientSampleId :
SLCS959

Tgt Ion:202 Resp: 41890

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
100	9.1	7.0	10.4

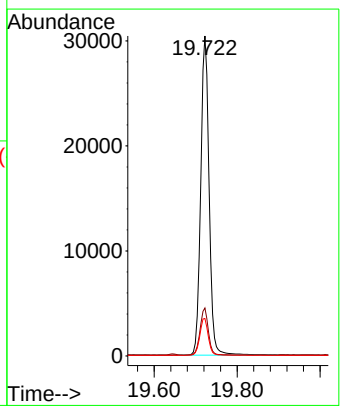


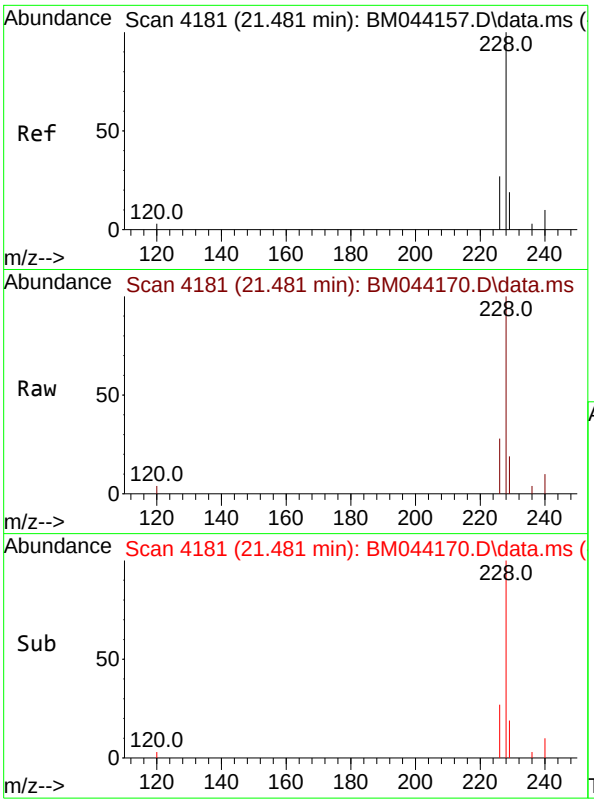


#20
Pyrene
Concen: 0.487 ng/ul
RT: 19.722 min Scan# 3678
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:202 Resp: 42757

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.2	16.8
100	11.7	8.6	13.0



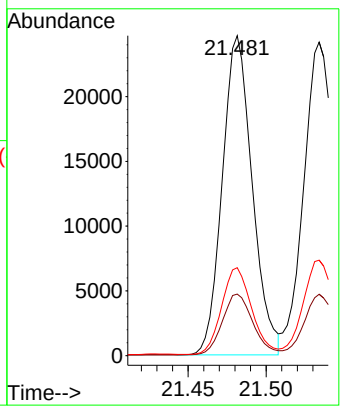


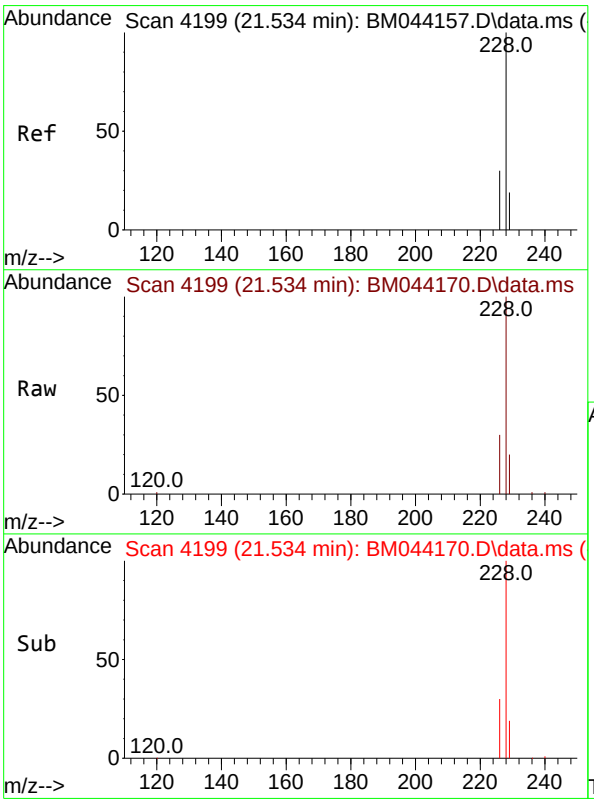
#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.481 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Instrument :
BNA_M
ClientSampleId :
SLCS959

Tgt Ion:228 Resp: 32956

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.4	23.2
226	27.5	22.1	33.1

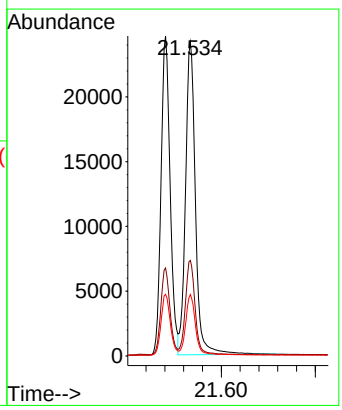


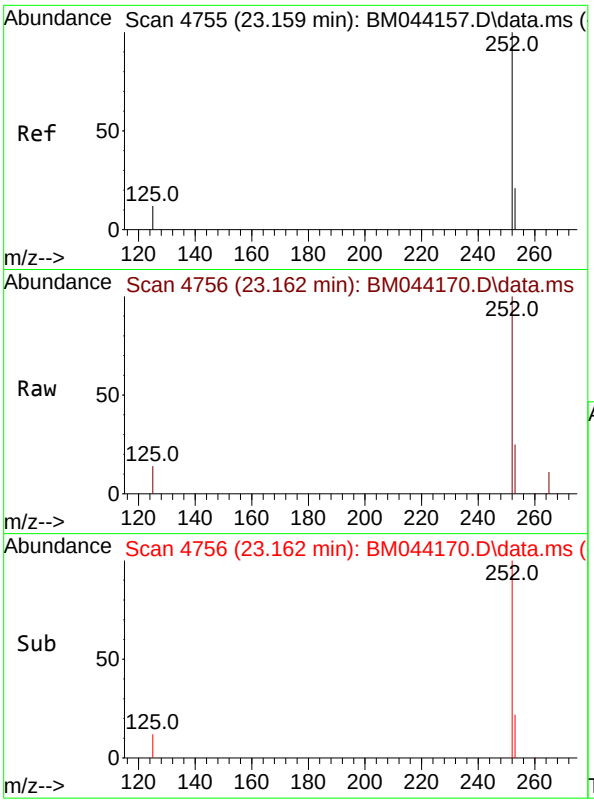


#22
Chrysene
Concen: 0.393 ng/ul
RT: 21.534 min Scan# 4199
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:228 Resp: 35540

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.6	15.8	23.6



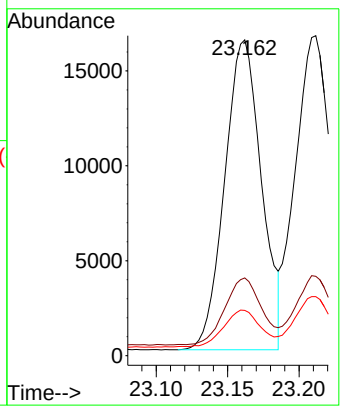


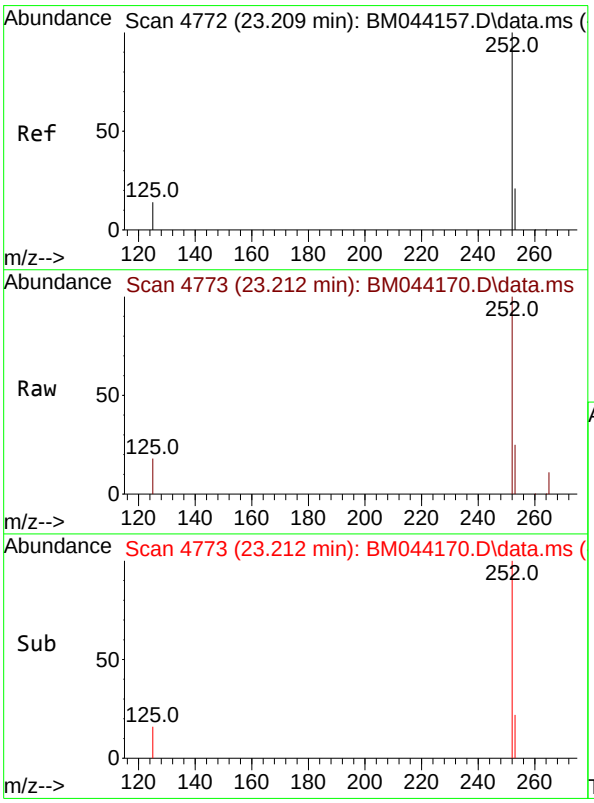
#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul
RT: 23.162 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Instrument :
BNA_M
ClientSampleId :
SLCS959

Tgt Ion:252 Resp: 29268

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	50.0
125	14.3	0.0	28.2

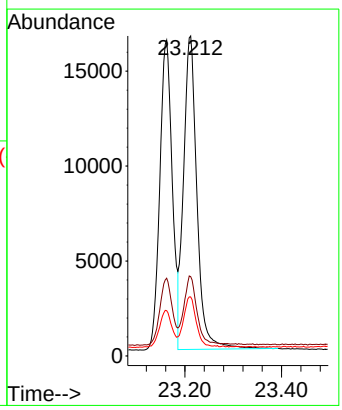


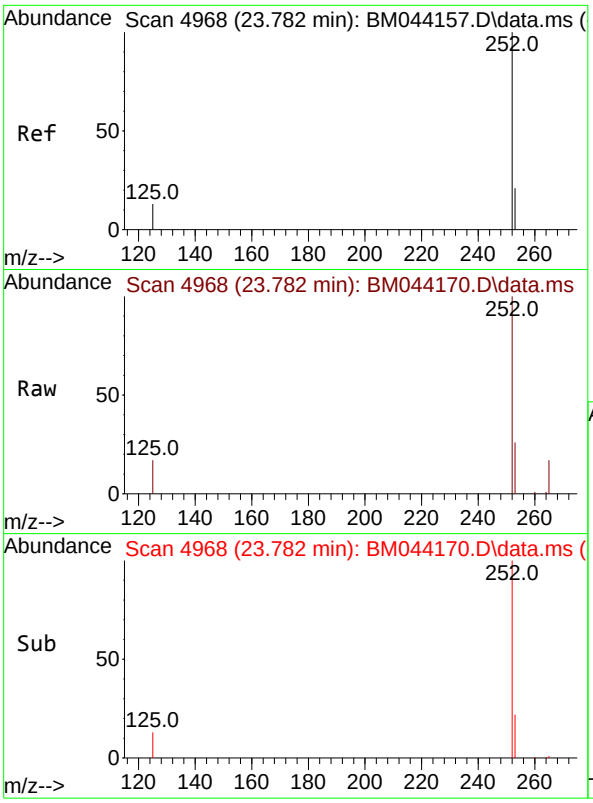


#25
Benzo(k)fluoranthene
Concen: 0.421 ng/ul
RT: 23.212 min Scan# 4773
Delta R.T. -0.001 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:252 Resp: 31726

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.1	30.1
125	18.4	12.3	18.5



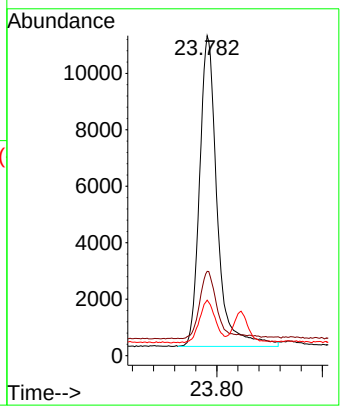


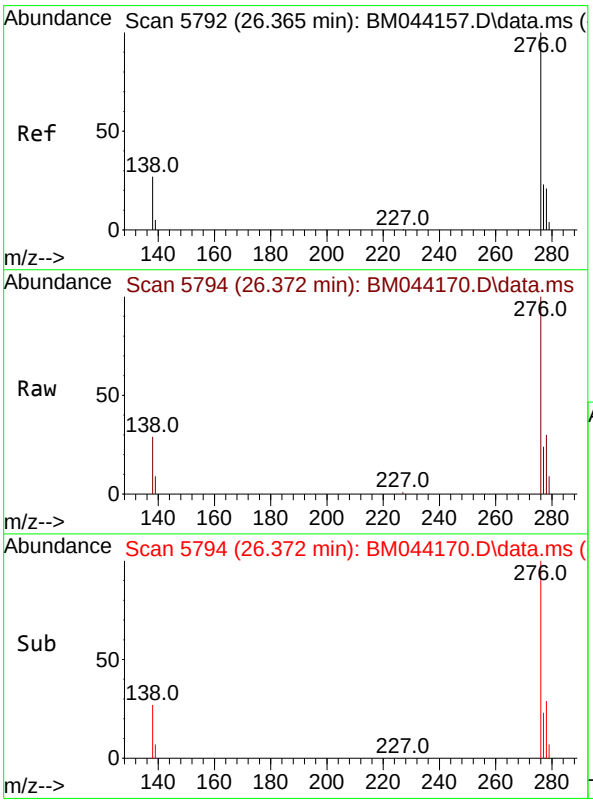
#26
Benzo(a)pyrene
Concen: 0.393 ng/ul
RT: 23.782 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Instrument :
BNA_M
ClientSampleId :
SLCS959

Tgt Ion:252 Resp: 25372

Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.4	32.2
125	17.4	13.3	19.9

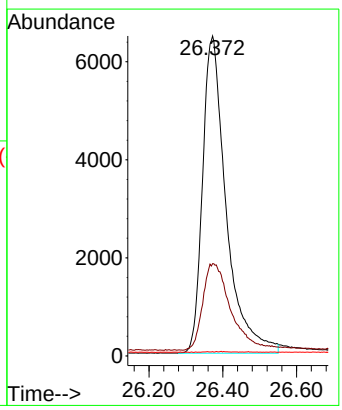


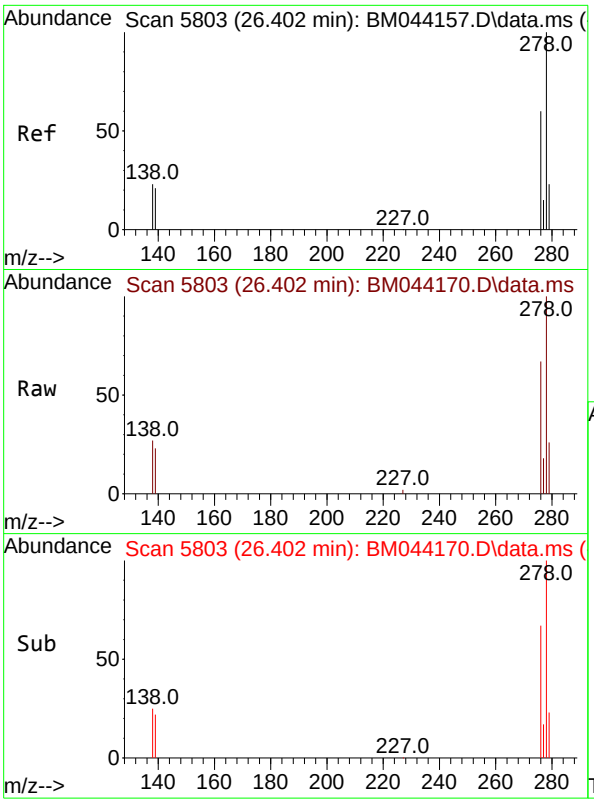


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.349 ng/ul
RT: 26.372 min Scan# 5794
Delta R.T. 0.003 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:276 Resp: 28716

Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.2	37.8
227	0.0	0.1	0.1#



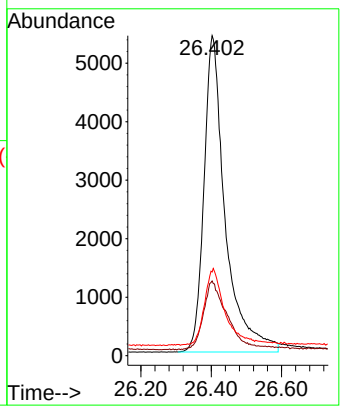


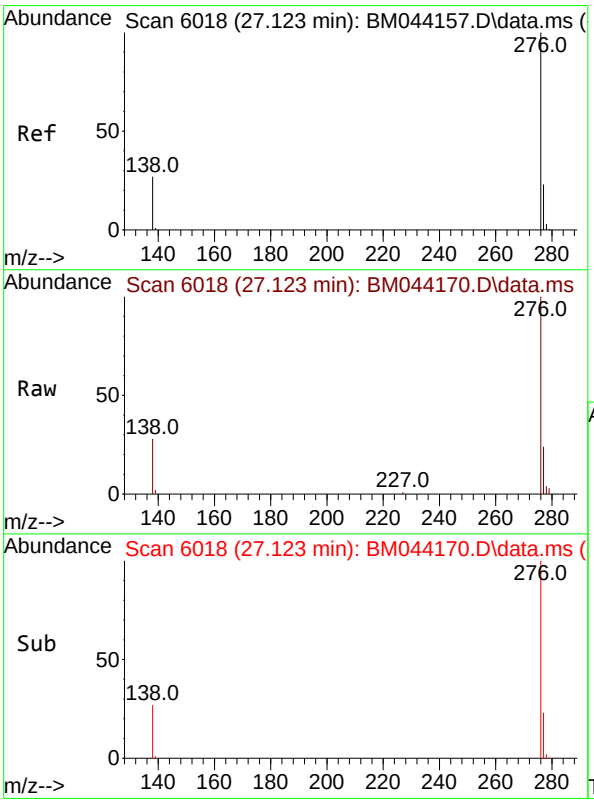
#28
Dibenzo(a,h)anthracene
Concen: 0.351 ng/ul
RT: 26.402 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Instrument :
BNA_M
ClientSampleId :
SLCS959

Tgt Ion:278 Resp: 22736

Ion	Ratio	Lower	Upper
278	100		
139	23.4	17.8	26.8
279	26.1	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 0.340 ng/ul
RT: 27.123 min Scan# 6018
Delta R.T. -0.004 min
Lab File: BM044170.D
Acq: 17 Feb 2024 11:07

Tgt Ion:276 Resp: 24733

Ion	Ratio	Lower	Upper
276	100		
138	28.1	22.7	34.1
277	24.2	19.0	28.6