Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044140.D
Acq On : 16 Feb 2024 15:46
Operator : MA/JU
Sample : P1329-22DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0FN0DL

Quant Time: Feb 16 22:39:45 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	10726	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	35369	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.543	164	20947	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	38890	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.500	240	20193	0.400	ng/ul	# 0.00
23) Perylene-d12	23.891	264	21170	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	12108	0.797	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.283	152	7982	0.161	ng/ul	-0.02
18) Fluoranthene-d10	19.326	212	5424	0.090	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.748	128	48613	0.462	ng/ul#	74
7) 2-Methylnaphthalene	12.365	142	118183	1.823	ng/ul	91
8) 1-Methylnaphthalene	12.585	142	107268	1.635	ng/ul	92
10) Acenaphthylene	14.270	152	11628	0.101	ng/ul#	1
11) Acenaphthene	14.607	153	11228	0.135	ng/ul#	84
12) Fluorene	15.593	166	12518	0.133	ng/ul#	73
14) Pentachlorophenol	16.937	266	655	0.047	ng/ul#	91
15) Phenanthrene	17.339	178	60001	0.487	ng/ul	97
16) Anthracene	17.339	178	60001	0.492	ng/ul	96
19) Fluoranthene	19.359	202	378164	4.108	ng/ul	97
20) Pyrene	19.721	202	218193	2.254	ng/ul#	94
21) Benzo(a)anthracene	21.485	228	78796	0.852	ng/ul#	93
22) Chrysene	21.538	228	104302	1.046	ng/ul#	94
24) Benzo(b)fluoranthene	23.166	252	113934	1.304	ng/ul#	70
25) Benzo(k)fluoranthene	23.166	252	158363	1.670	ng/ul#	71
26) Benzo(a)pyrene	23.785	252	61910	0.762	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.370	276	41257	0.399	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.386	278	10685	0.131	ng/ul#	24
29) Benzo(g,h,i)perylene	27.128	276	38746	0.424	ng/ul#	87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
Data File : BM044140.D
Acq On : 16 Feb 2024 15:46
Operator : MA/JU
Sample : P1329-22DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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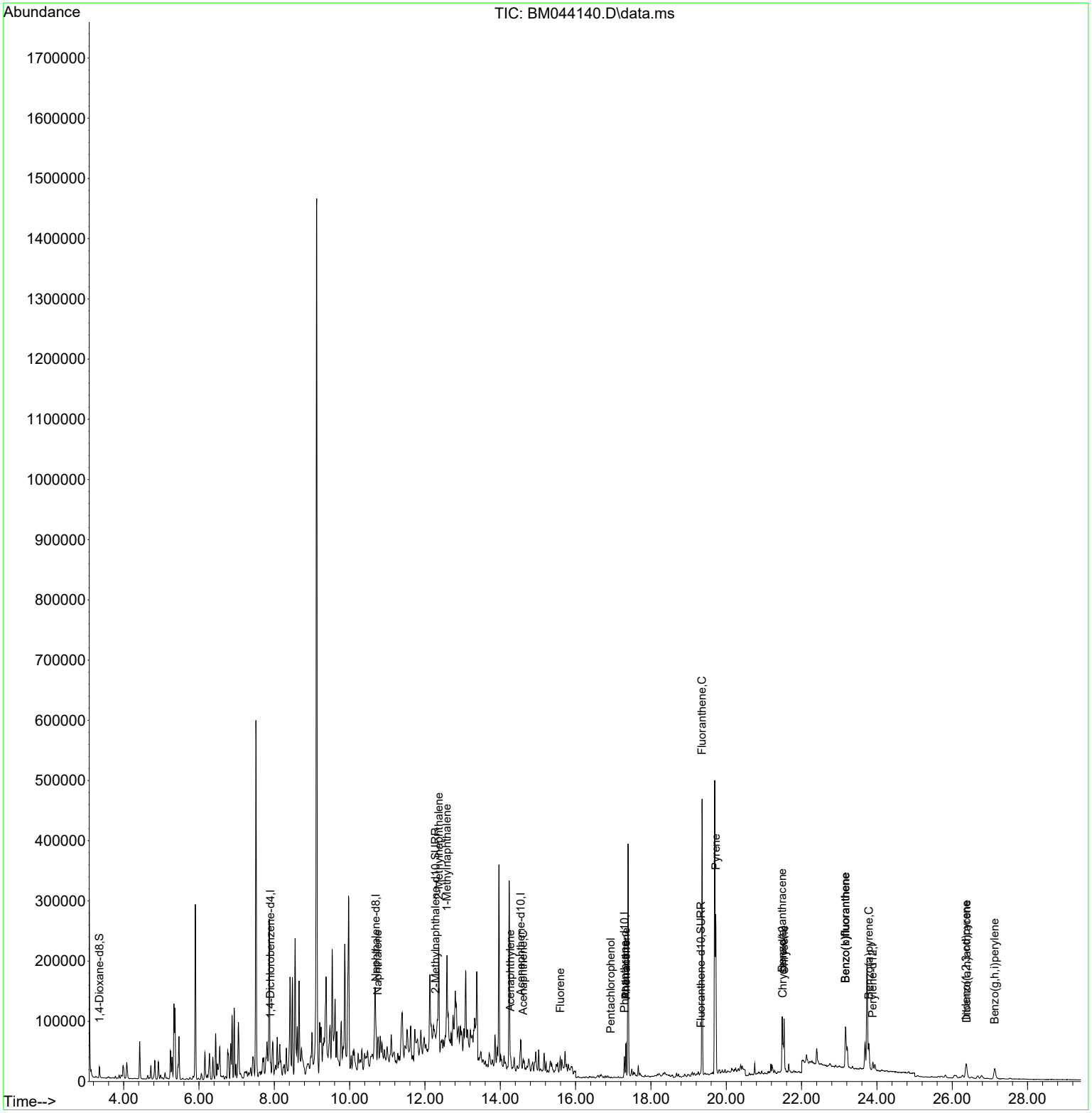
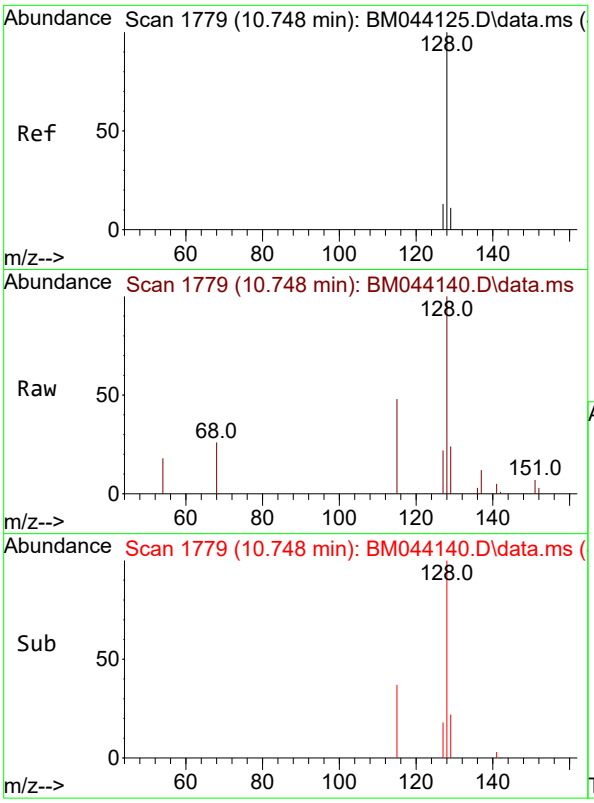
Quant Time: Feb 16 22:39:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 13:40:24 2024
Response via : Initial Calibration



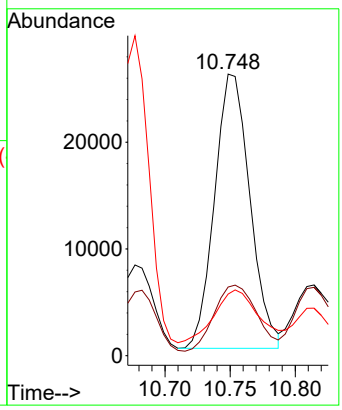


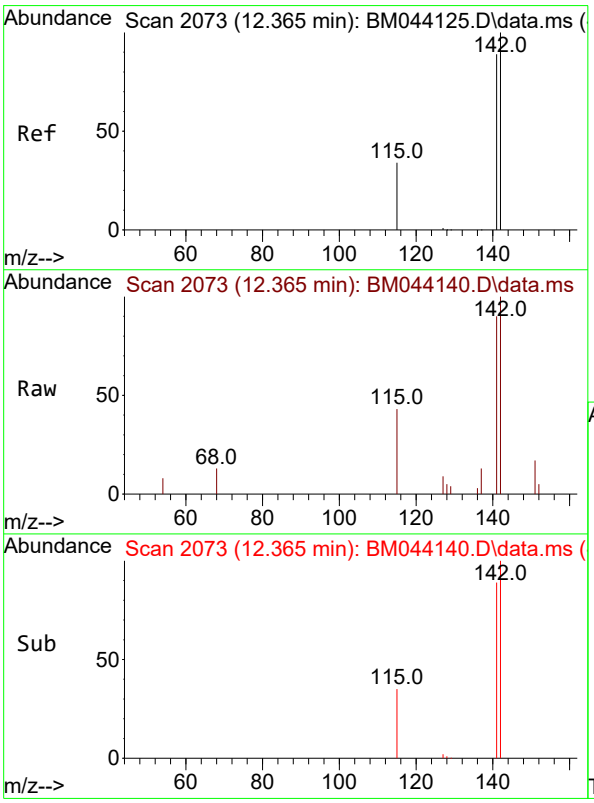
#5
Naphthalene
Concen: 0.462 ng/ul
RT: 10.748 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
C0FN0DL

Tgt Ion:128 Resp: 48613

Ion	Ratio	Lower	Upper
128	100		
129	24.4	9.5	14.3#
127	21.9	10.7	16.1#

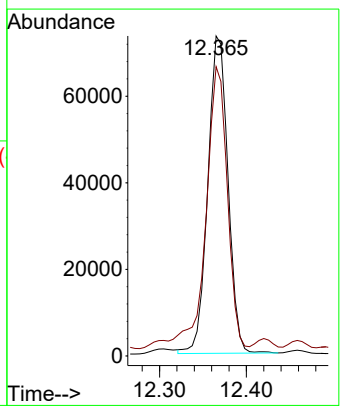


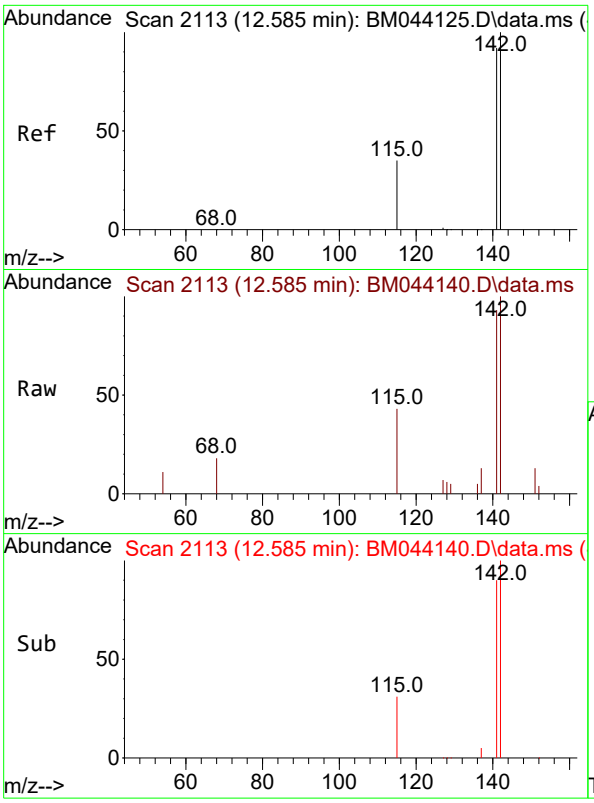


#7
2-Methylnaphthalene
Concen: 1.823 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Tgt Ion:142 Resp: 118183

Ion	Ratio	Lower	Upper
142	100		
141	95.6	70.0	105.0



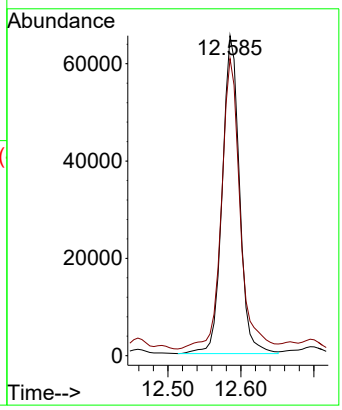


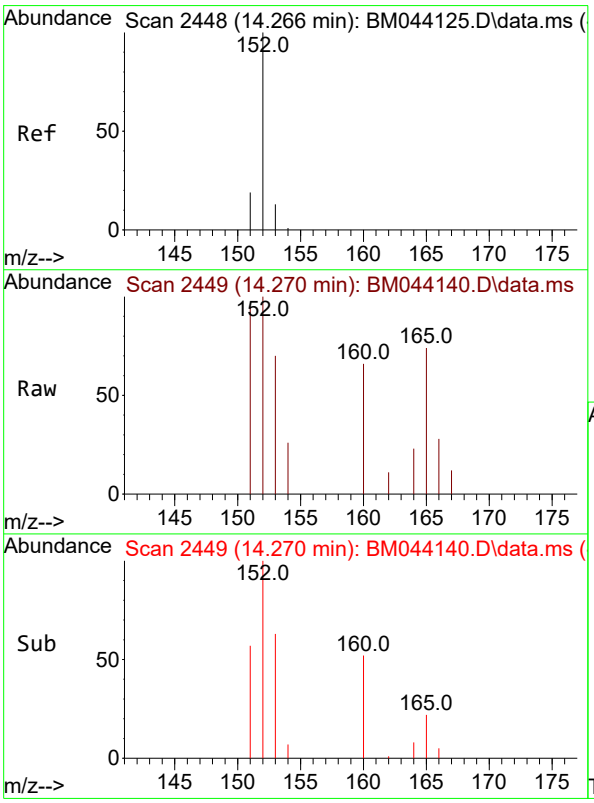
#8
1-Methylnaphthalene
Concen: 1.635 ng/ul
RT: 12.585 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
C0FN0DL

Tgt Ion:142 Resp: 107268

Ion	Ratio	Lower	Upper
142	100		
141	98.5	72.5	108.7

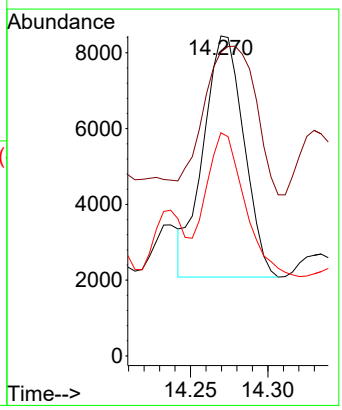


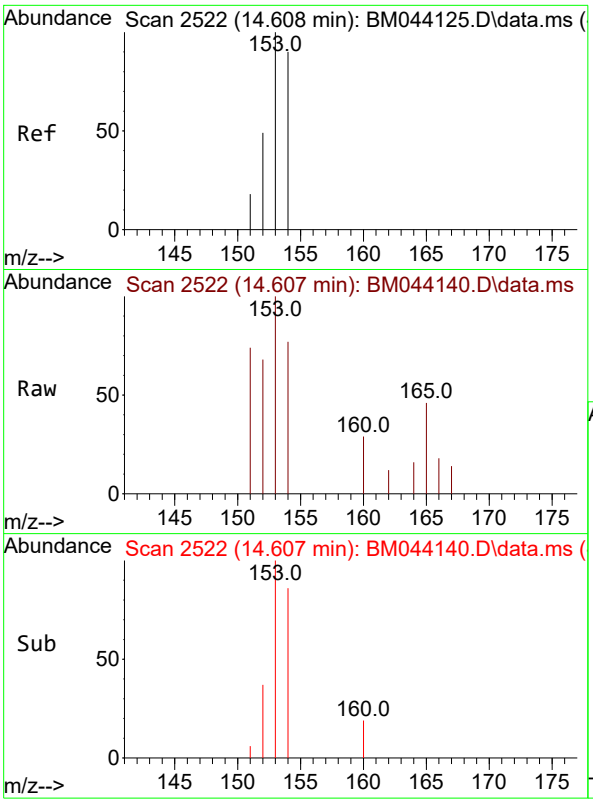


#10
Acenaphthylene
Concen: 0.101 ng/ul
RT: 14.270 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Tgt Ion:152 Resp: 11628

Ion	Ratio	Lower	Upper
152	100		
151	95.1	15.5	23.3#
153	69.8	10.8	16.2#



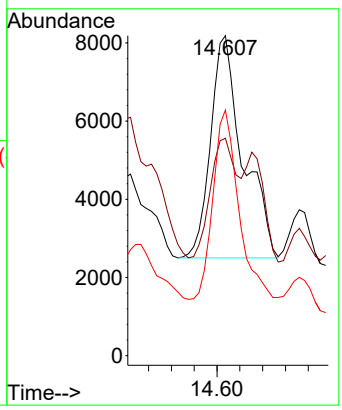


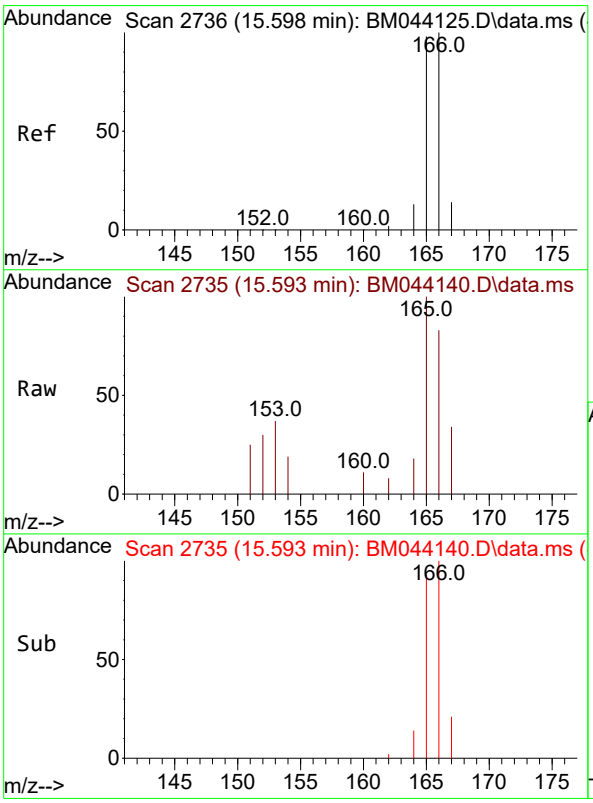
#11
Acenaphthene
Concen: 0.135 ng/ul
RT: 14.607 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
C0FN0DL

Tgt Ion:153 Resp: 11228

Ion	Ratio	Lower	Upper
153	100		
152	67.9	40.6	61.0#
154	76.7	70.1	105.1

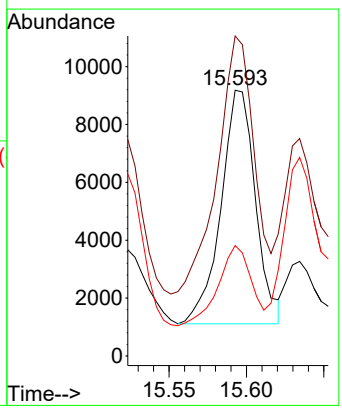


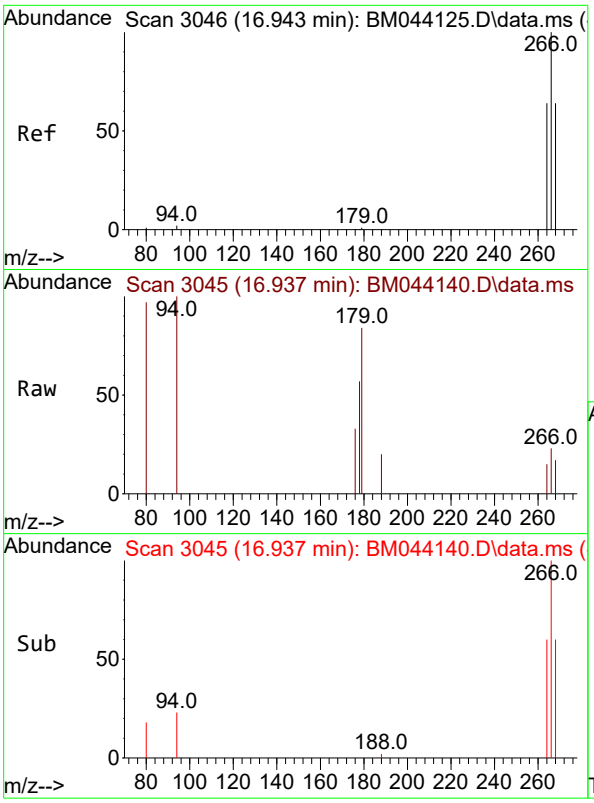


#12
Fluorene
Concen: 0.133 ng/ul
RT: 15.593 min Scan# 2735
Delta R.T. -0.005 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Tgt Ion:166 Resp: 12518

Ion	Ratio	Lower	Upper
166	100		
165	120.4	79.8	119.6#
167	41.5	11.1	16.7#



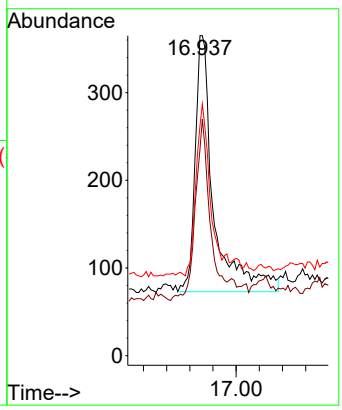


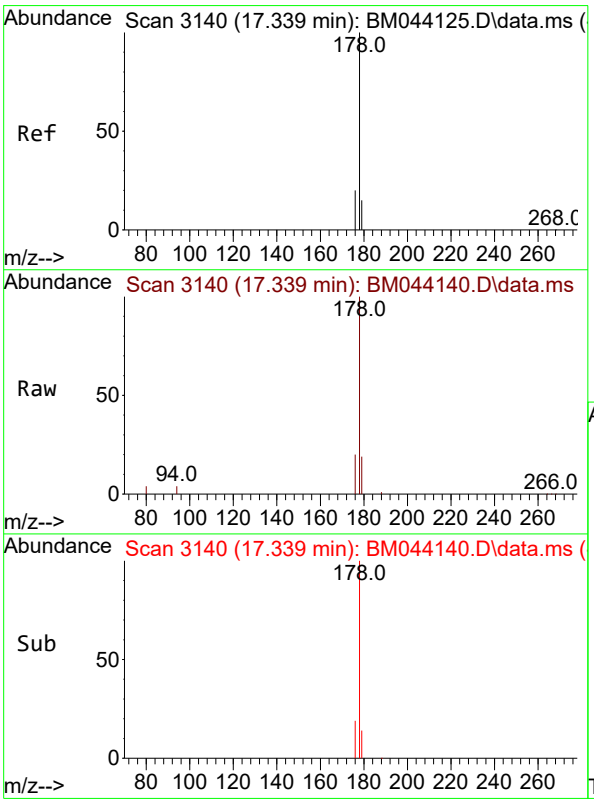
#14
Pentachlorophenol
Concen: 0.047 ng/ul
RT: 16.937 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
C0FN0DL

Tgt Ion:266 Resp: 655

Ion	Ratio	Lower	Upper
266	100		
264	61.2	49.4	74.0
268	51.9	52.1	78.1#

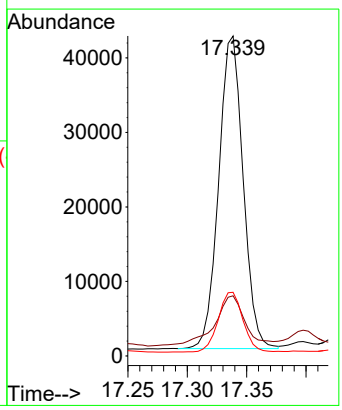


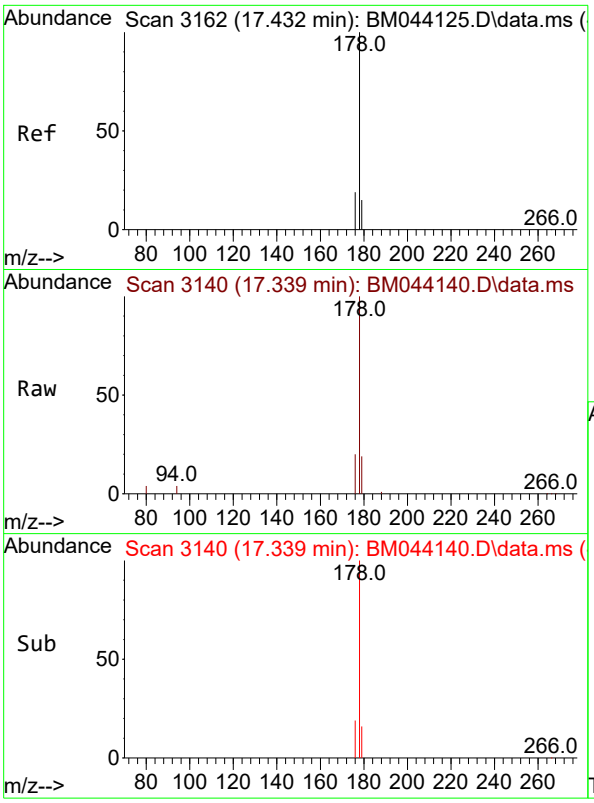


#15
Phenanthrene
Concen: 0.487 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Tgt Ion:178 Resp: 60001

Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.6	19.0
176	19.9	16.0	24.0



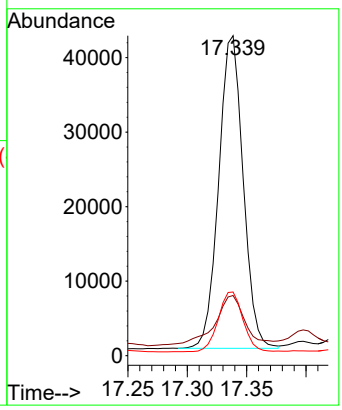


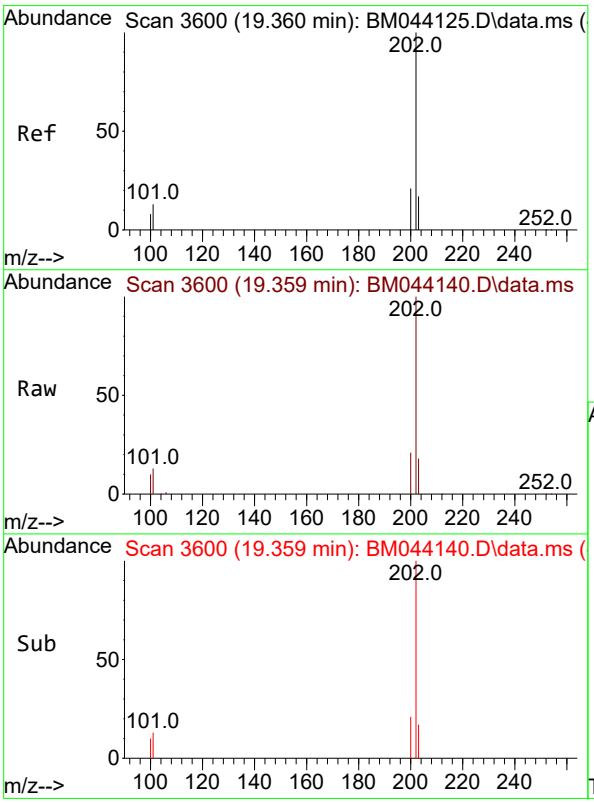
#16
Anthracene
Concen: 0.492 ng/ul
RT: 17.339 min Scan# 3
Delta R.T. -0.097 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
C0FN0DL

Tgt Ion:178 Resp: 60001

Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.8	19.2
176	19.9	15.3	22.9

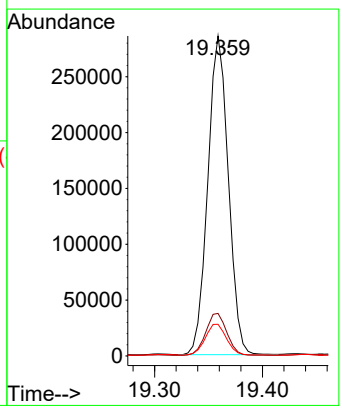


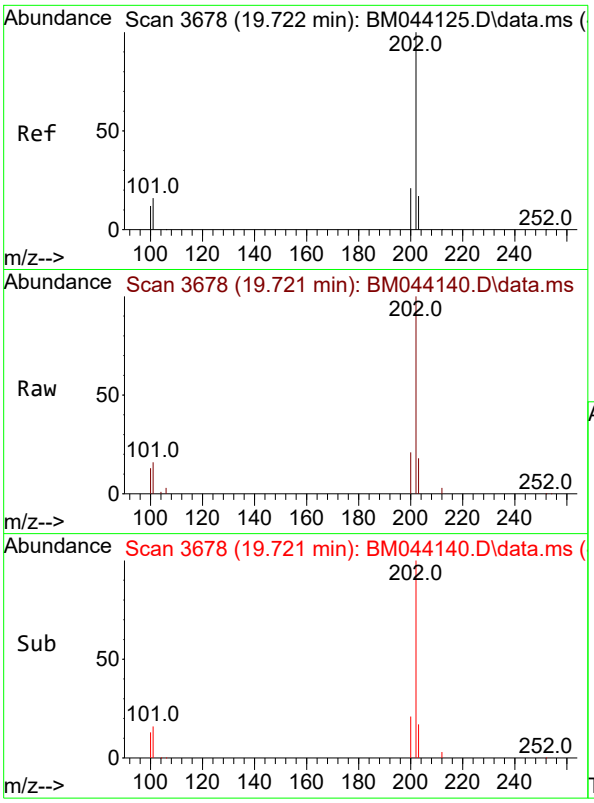


#19
Fluoranthene
Concen: 4.108 ng/ul
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Tgt Ion:202 Resp: 378164

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.8	14.6
100	9.9	7.0	10.4



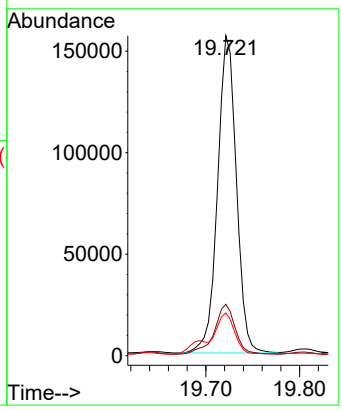


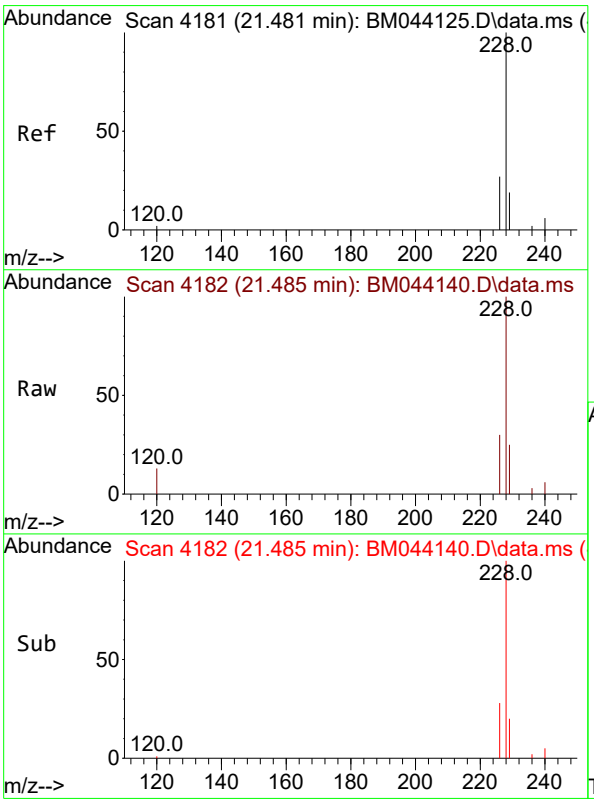
#20
Pyrene
Concen: 2.254 ng/ul
RT: 19.721 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
C0FN0DL

Tgt Ion:202 Resp: 218193

Ion	Ratio	Lower	Upper
202	100		
101	16.0	11.2	16.8
100	13.4	8.6	13.0#

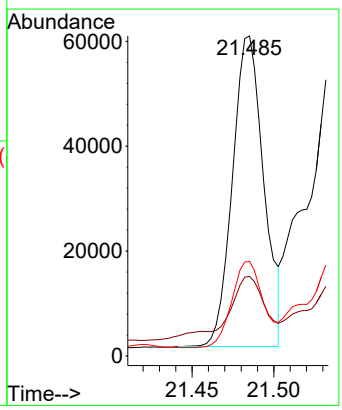


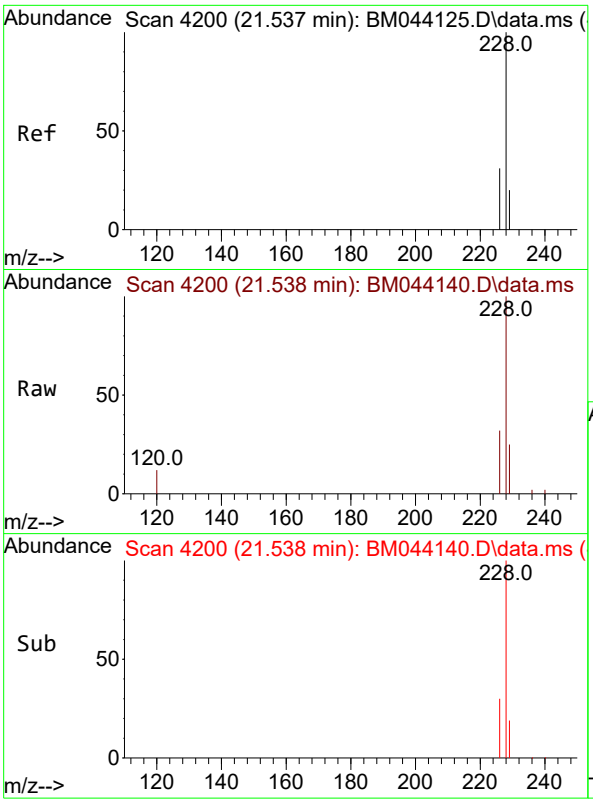


#21
Benzo(a)anthracene
Concen: 0.852 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Tgt Ion:228 Resp: 78796

Ion	Ratio	Lower	Upper
228	100		
229	24.9	15.4	23.2#
226	29.6	22.1	33.1



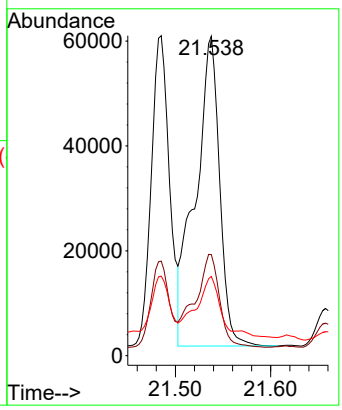


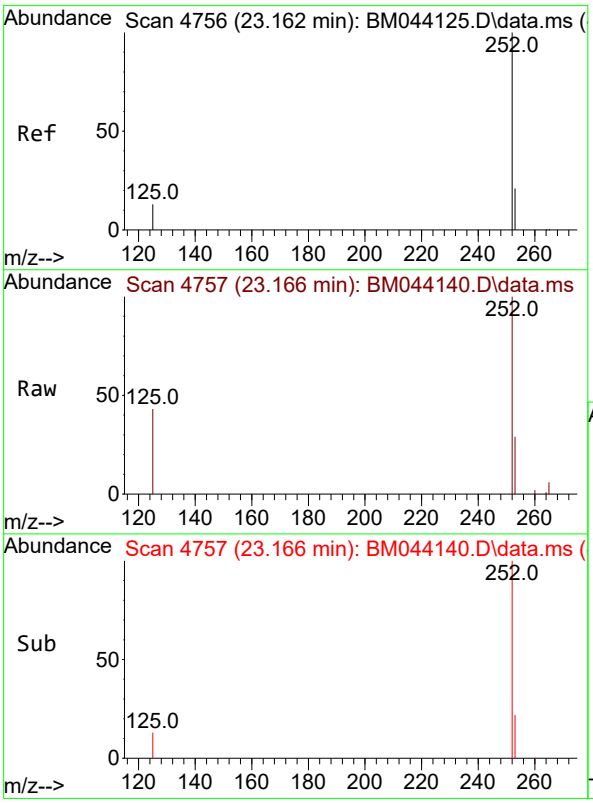
#22
Chrysene
Concen: 1.046 ng/ul
RT: 21.538 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
C0FN0DL

Tgt Ion:228 Resp: 104302

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.2	36.2
229	24.8	15.8	23.6#

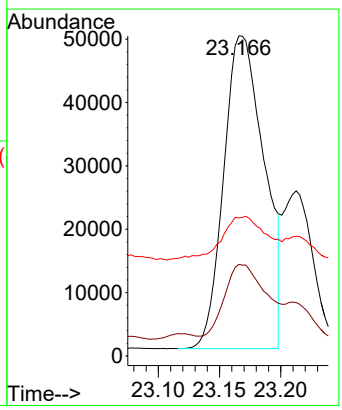


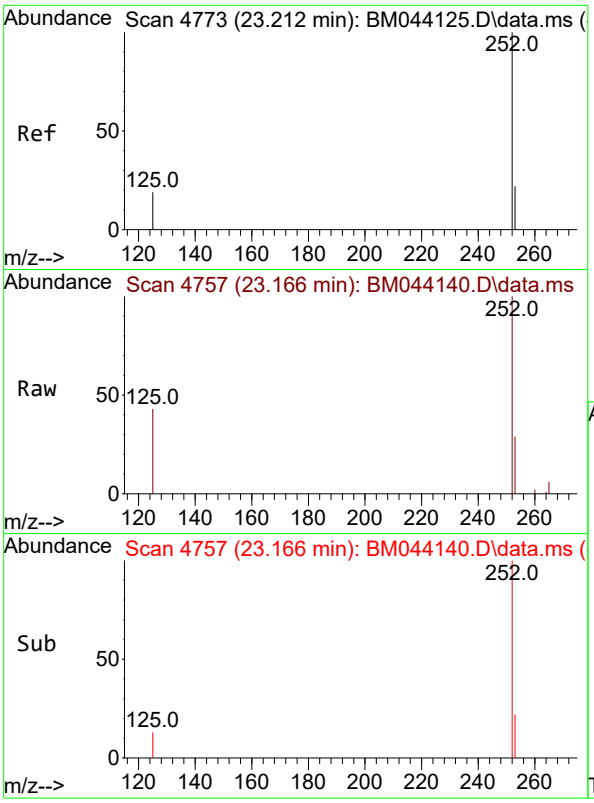


#24
Benzo(b)fluoranthene
Concen: 1.304 ng/ul
RT: 23.166 min Scan# 4757
Delta R.T. 0.003 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Tgt Ion:252 Resp: 113934

Ion	Ratio	Lower	Upper
252	100		
253	28.6	0.0	50.0
125	43.1	0.0	28.2#



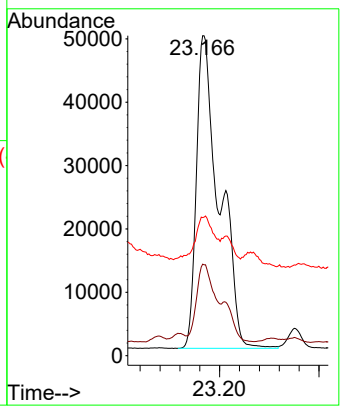


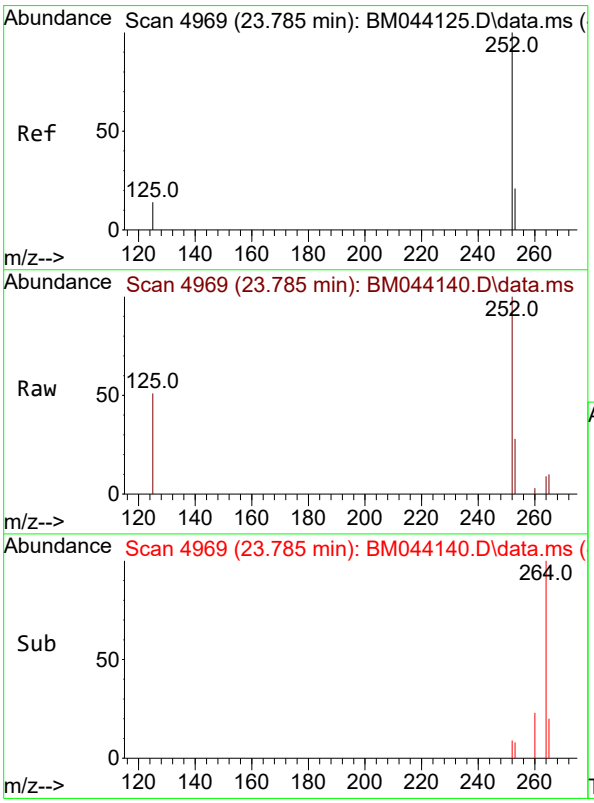
#25
Benzo(k)fluoranthene
Concen: 1.670 ng/ul
RT: 23.166 min Scan# 4
Delta R.T. -0.047 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
C0FN0DL

Tgt Ion:252 Resp: 158363

Ion	Ratio	Lower	Upper
252	100		
253	28.6	20.1	30.1
125	43.1	12.3	18.5#

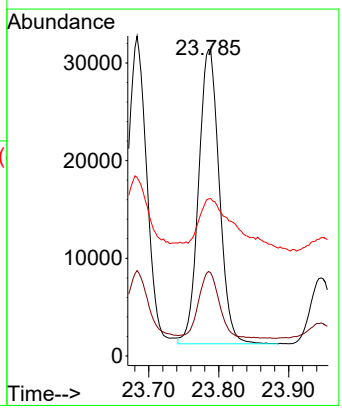


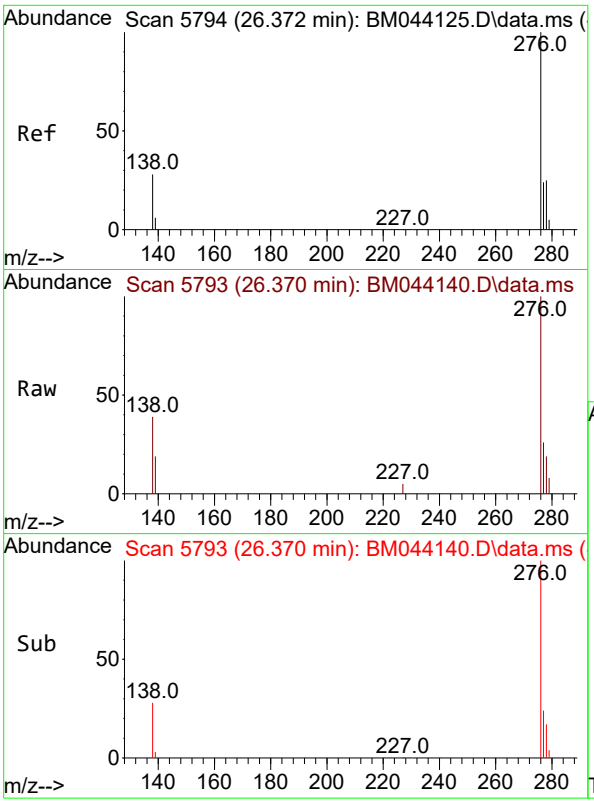


#26
Benzo(a)pyrene
Concen: 0.762 ng/ul
RT: 23.785 min Scan# 4969
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Tgt Ion:252 Resp: 61910

Ion	Ratio	Lower	Upper
252	100		
253	27.6	21.4	32.2
125	51.3	13.3	19.9#



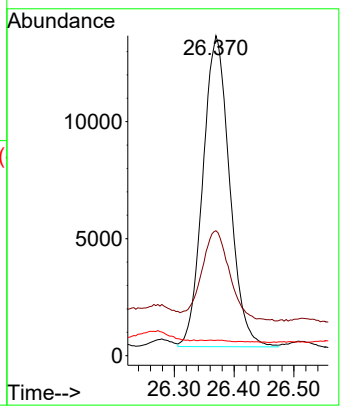


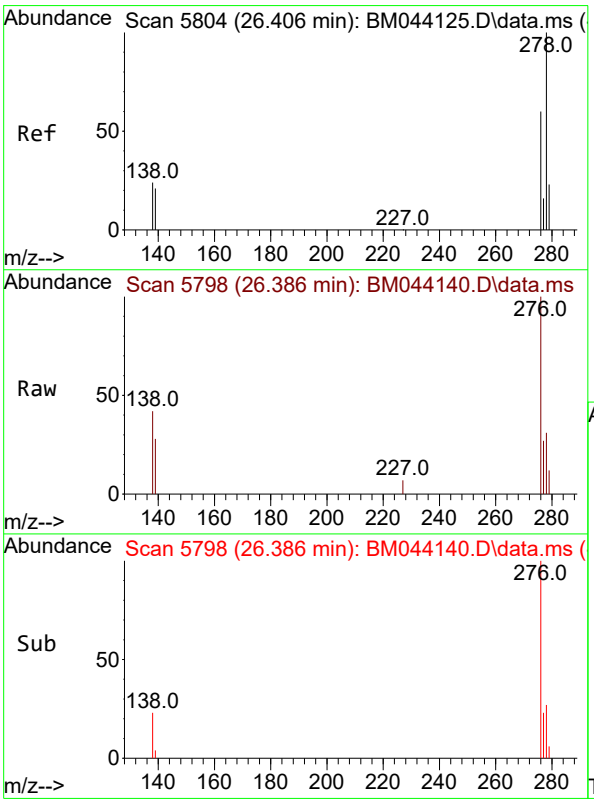
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng/ul
RT: 26.370 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
C0FN0DL

Tgt Ion:276 Resp: 41257

Ion	Ratio	Lower	Upper
276	100		
138	30.6	25.2	37.8
227	0.5	0.1	0.1#

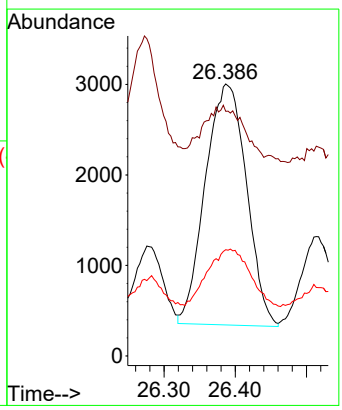


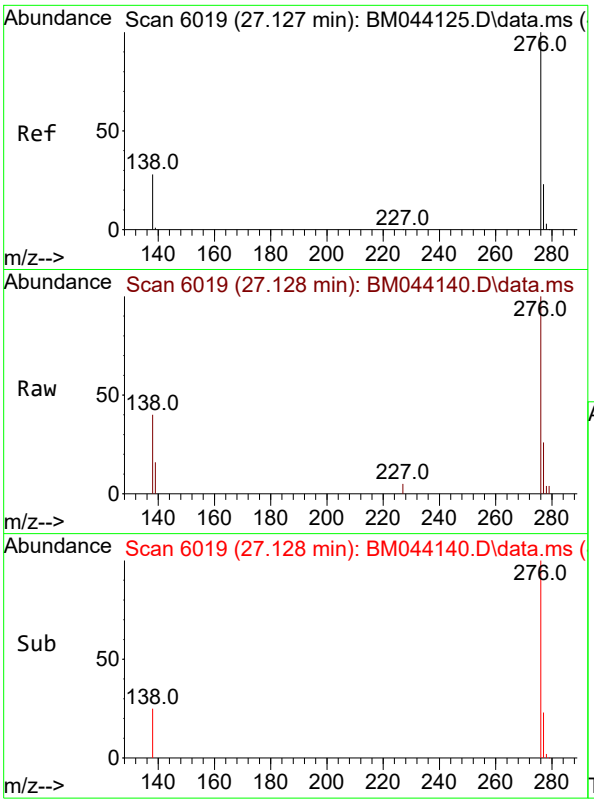


#28
Dibenzo(a,h)anthracene
Concen: 0.131 ng/ul
RT: 26.386 min Scan# 5798
Delta R.T. -0.023 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Tgt Ion:278 Resp: 10685

Ion	Ratio	Lower	Upper
278	100		
139	89.9	17.8	26.8#
279	39.0	21.8	32.8#





#29
Benzo(g,h,i)perylene
Concen: 0.424 ng/ul
RT: 27.128 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM044140.D
Acq: 16 Feb 2024 15:46

Instrument :
BNA_M
ClientSampleId :
C0FN0DL

Tgt Ion:276 Resp: 38746

Ion	Ratio	Lower	Upper
276	100		
138	39.8	22.7	34.1#
277	25.5	19.0	28.6