Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
Data File : BM045611.D
Acq On : 27 Apr 2024 14:07
Operator : MA/JU
Sample : P2203-18DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX0DL

Quant Time: Apr 28 22:54:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.547	152	835	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.309	136	2446	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1214	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2323	0.400	ng/ul	-0.02
17) Chrysene-d12	21.179	240	1982	0.400	ng/ul	-0.01
23) Perylene-d12	23.362	264	3046	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.163	96	1220	1.090	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.925	152	229	0.071	ng/ul	0.00
18) Fluoranthene-d10	19.001	212	363	0.058	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.358	128	13199	2.009	ng/ul#	87
7) 2-Methylnaphthalene	11.997	142	1313	0.350	ng/ul	93
8) 1-Methylnaphthalene	12.211	142	937	0.223	ng/ul	96
10) Acenaphthylene	13.909	152	3325	0.555	ng/ul	97
11) Acenaphthene	14.256	153	207	0.047	ng/ul#	93
12) Fluorene	15.260	166	695	0.146	ng/ul#	98
15) Phenanthrene	16.997	178	20319	3.003	ng/ul	94
16) Anthracene	17.094	178	2381	0.376	ng/ul#	89
19) Fluoranthene	19.029	202	11021	1.205	ng/ul#	91
20) Pyrene	19.391	202	8706	0.926	ng/ul	95
21) Benzo(a)anthracene	21.164	228	3690	0.582	ng/ul	92
22) Chrysene	21.214	228	3032	0.311	ng/ul	92
24) Benzo(b)fluoranthene	22.713	252	5170	0.505	ng/ul	83
25) Benzo(k)fluoranthene	22.713	252	6995	0.540	ng/ul#	84
26) Benzo(a)pyrene	23.265	252	3582	0.337	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.548	276	3167	0.205	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.561	278	739	0.060	ng/ul#	18
29) Benzo(g,h,i)perylene	26.209	276	3362	0.242	ng/ul	92

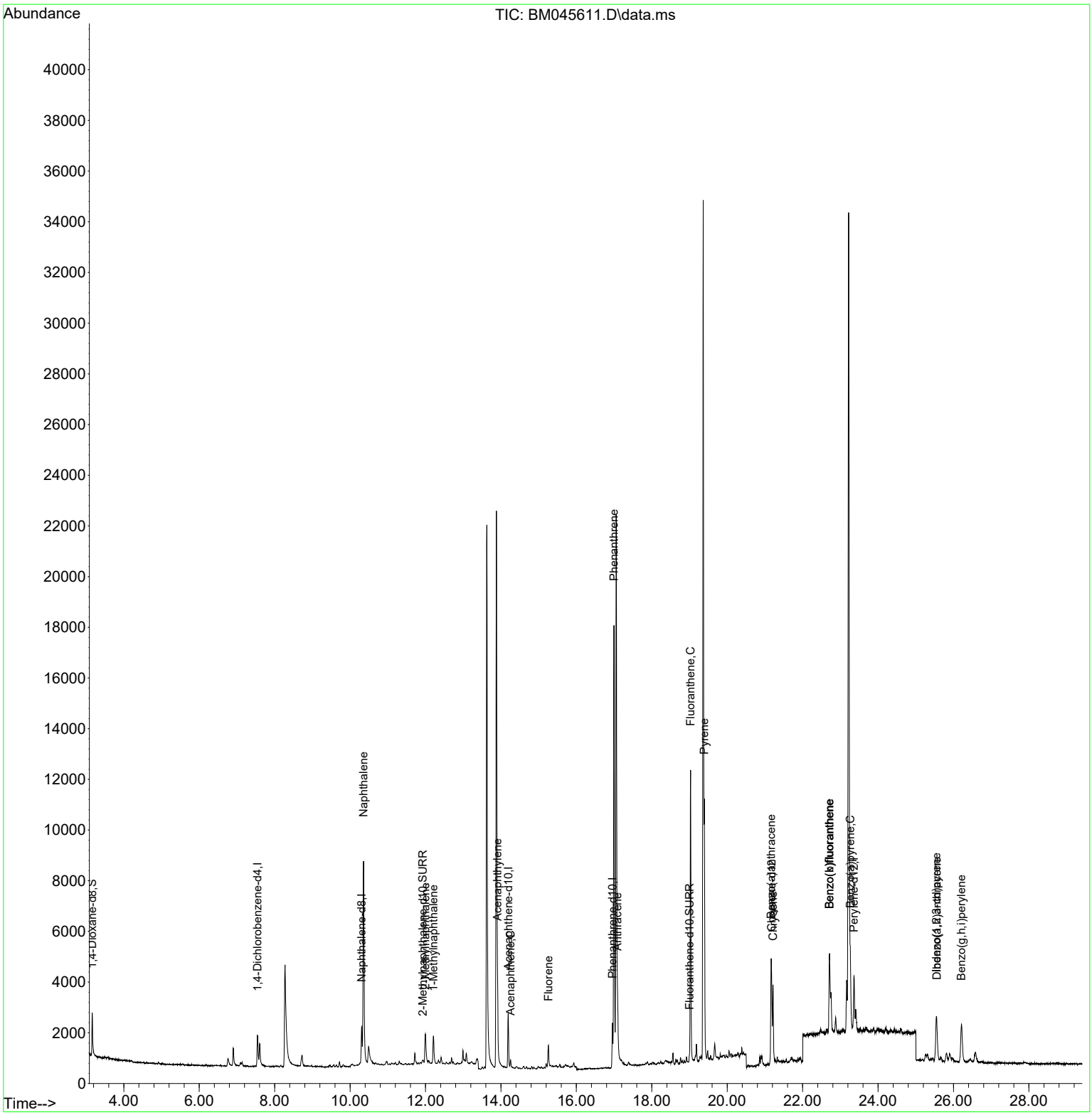
(#) = qualifier out of range (m) = manual integration (+) = signals summed

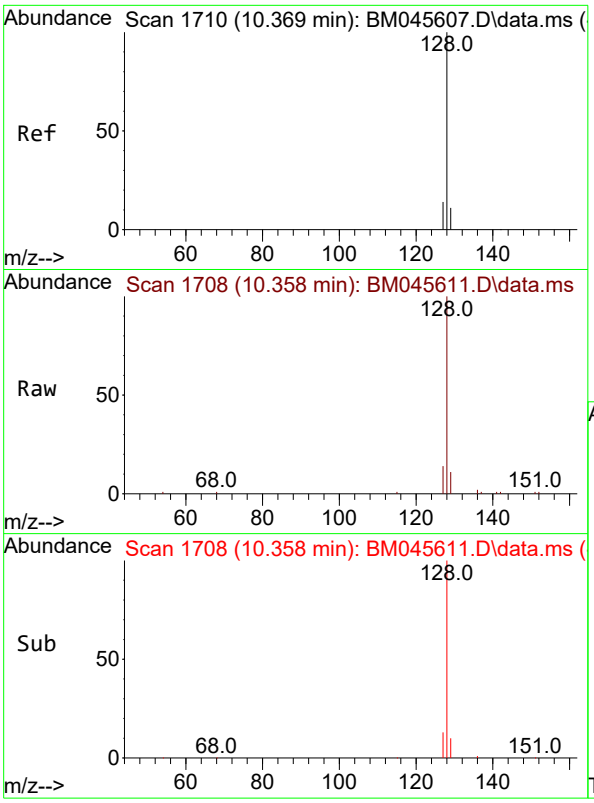
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
Data File : BM045611.D
Acq On : 27 Apr 2024 14:07
Operator : MA/JU
Sample : P2203-18DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E1CX0DL

Quant Time: Apr 28 22:54:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration



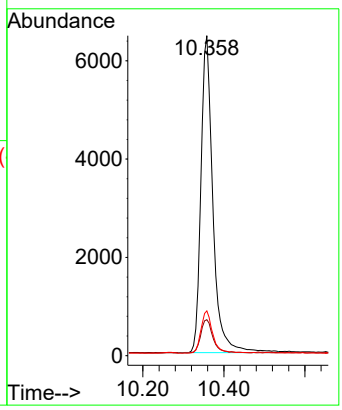


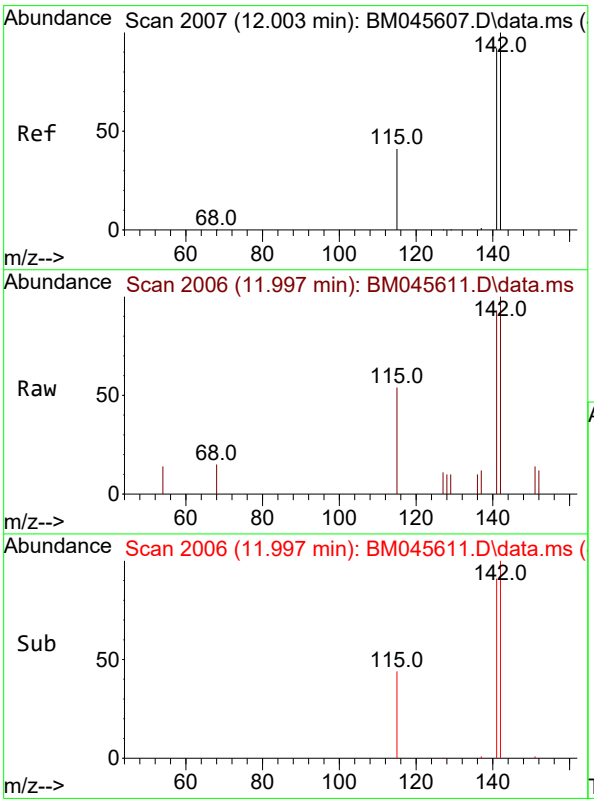
#5
Naphthalene
Concen: 2.009 ng/ul
RT: 10.358 min Scan# 1
Delta R.T. -0.022 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Instrument :
BNA_M
ClientSampleId :
E1CX0DL

Tgt Ion:128 Resp: 13199

Ion	Ratio	Lower	Upper
128	100		
129	11.3	14.0	21.0#
127	14.0	15.4	23.2#

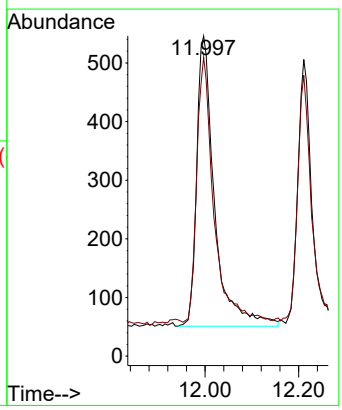


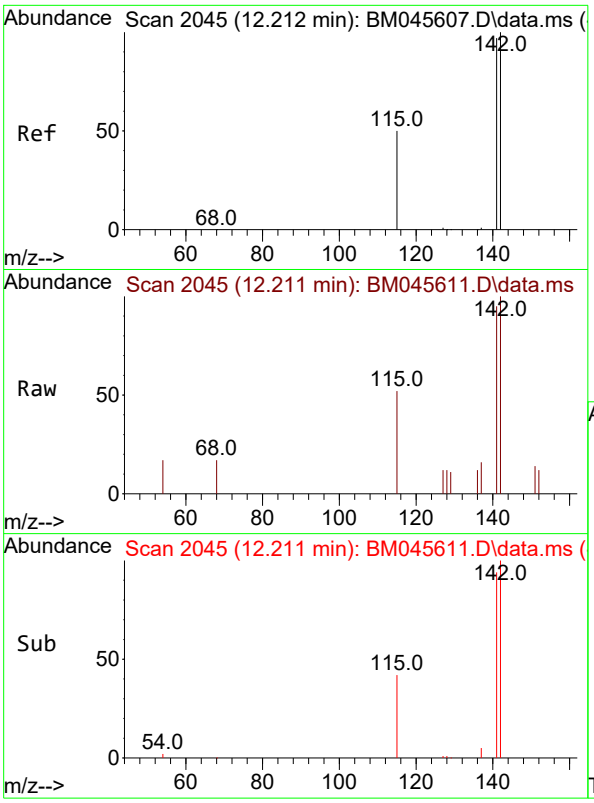


#7
2-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 11.997 min Scan# 2006
Delta R.T. -0.011 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Tgt Ion:142 Resp: 1313

Ion	Ratio	Lower	Upper
142	100		
141	86.7	74.6	111.8



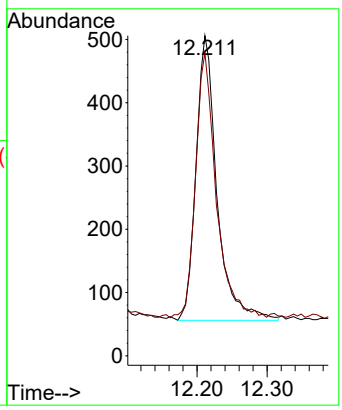


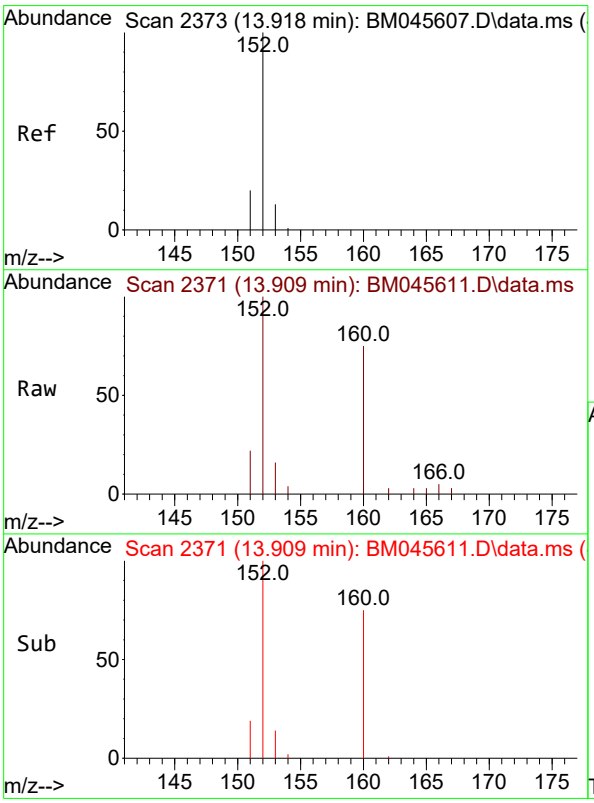
#8
1-Methylnaphthalene
Concen: 0.223 ng/ul
RT: 12.211 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Instrument :
BNA_M
ClientSampleId :
E1CX0DL

Tgt Ion:142 Resp: 937

Ion	Ratio	Lower	Upper
142	100		
141	91.4	76.1	114.1

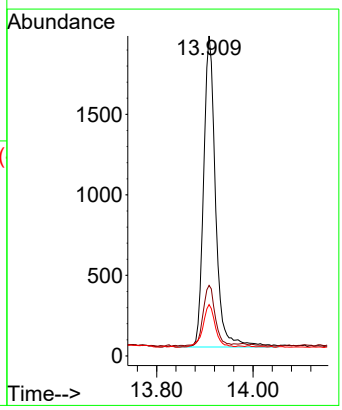


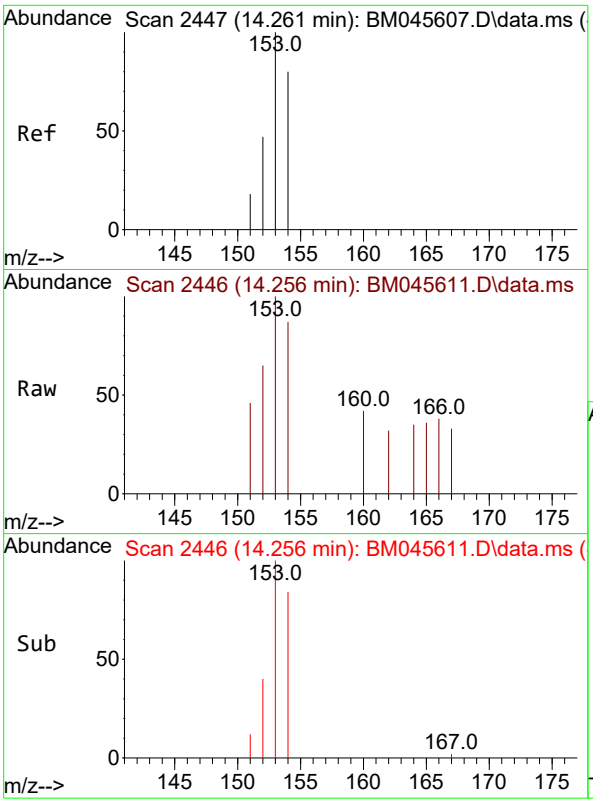


#10
Acenaphthylene
Concen: 0.555 ng/ul
RT: 13.909 min Scan# 2371
Delta R.T. -0.018 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Tgt Ion:152 Resp: 3325

Ion	Ratio	Lower	Upper
152	100		
151	22.0	18.6	28.0
153	16.1	14.1	21.1



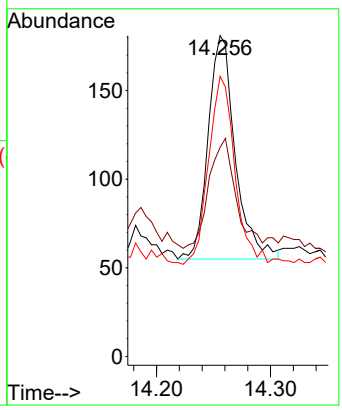


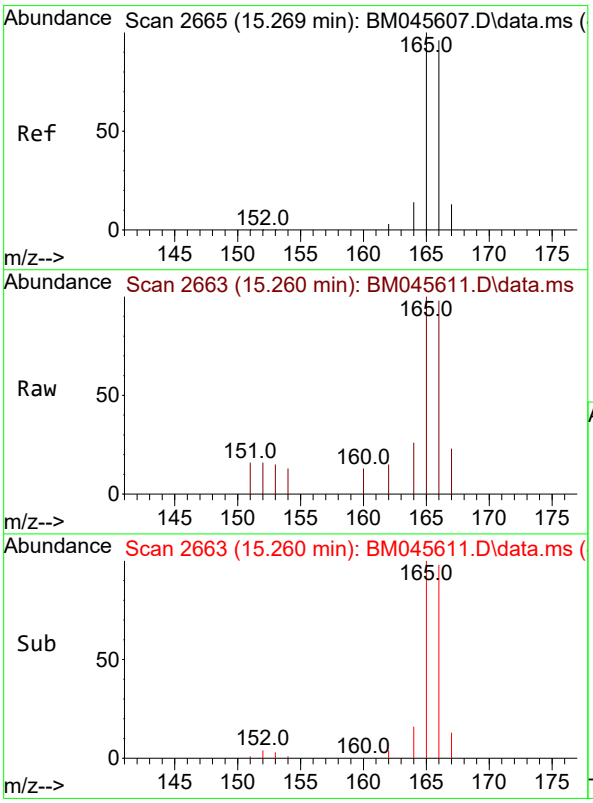
#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.256 min Scan# 24
Delta R.T. -0.014 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Instrument :
BNA_M
ClientSampleId :
E1CX0DL

Tgt Ion:153 Resp: 207

Ion	Ratio	Lower	Upper
153	100		
152	65.2	43.4	65.2#
154	87.3	69.0	103.6

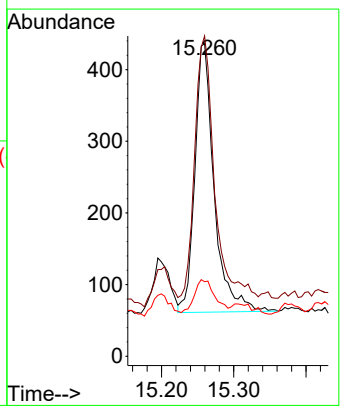


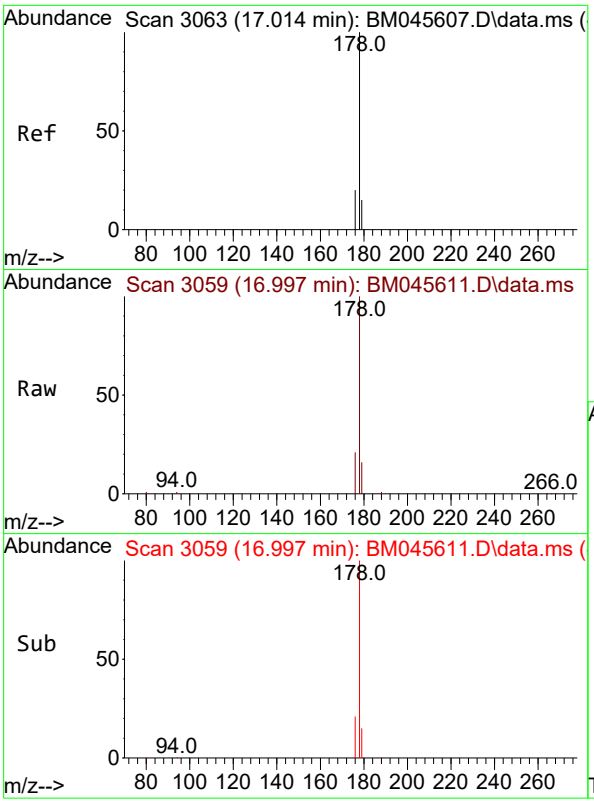


#12
Fluorene
Concen: 0.146 ng/ul
RT: 15.260 min Scan# 2663
Delta R.T. -0.018 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Tgt Ion:166 Resp: 695

Ion	Ratio	Lower	Upper
166	100		
165	102.5	82.2	123.2
167	23.9	14.8	22.2#



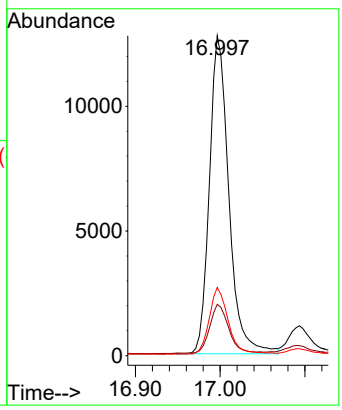


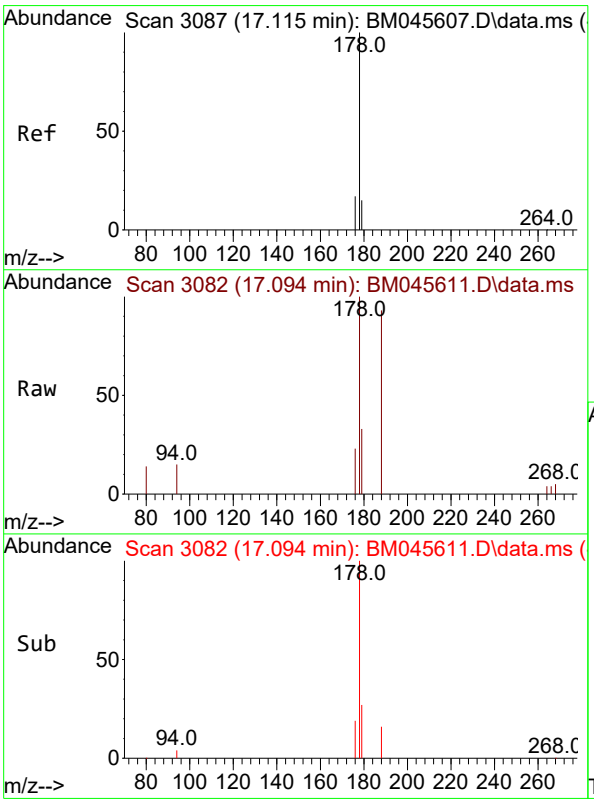
#15
Phenanthrene
Concen: 3.003 ng/ul
RT: 16.997 min Scan# 3
Delta R.T. -0.025 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Instrument :
BNA_M
ClientSampleId :
E1CX0DL

Tgt Ion:178 Resp: 20319

Ion	Ratio	Lower	Upper
178	100		
179	16.0	15.4	23.2
176	21.3	19.0	28.4

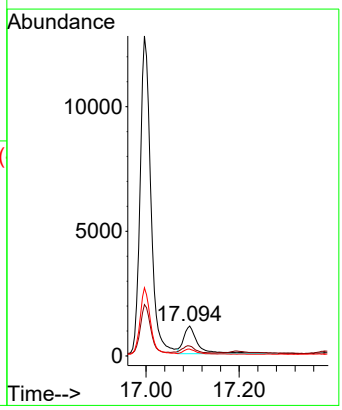


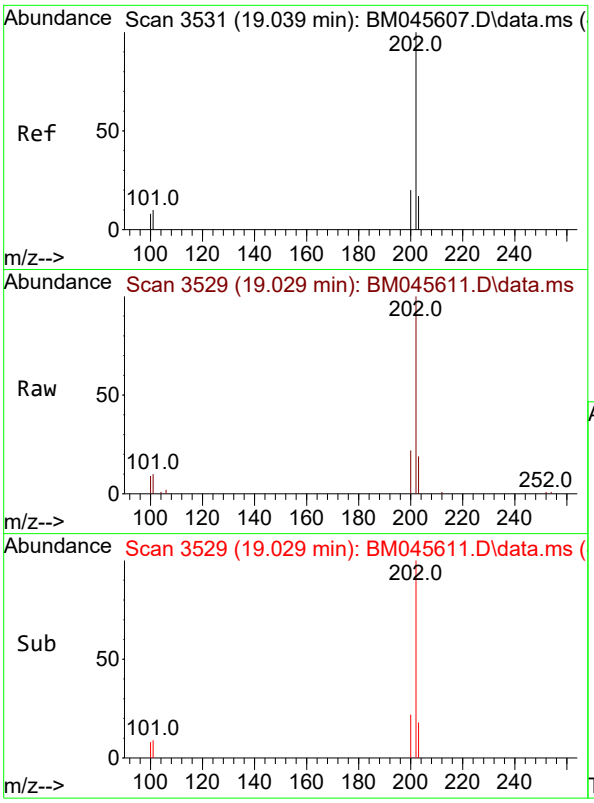


#16
Anthracene
Concen: 0.376 ng/ul
RT: 17.094 min Scan# 3082
Delta R.T. -0.025 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Tgt Ion:178 Resp: 2381

Ion	Ratio	Lower	Upper
178	100		
179	33.0	17.8	26.6#
176	23.2	18.7	28.1



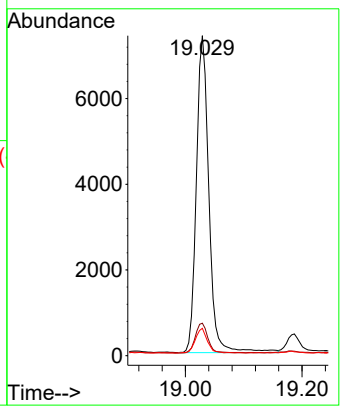


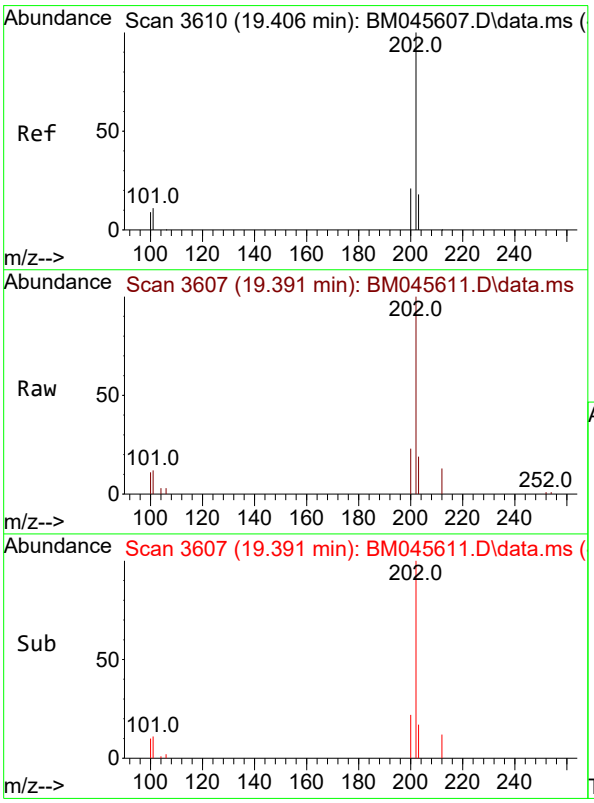
#19
Fluoranthene
Concen: 1.205 ng/ul
RT: 19.029 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Instrument :
BNA_M
ClientSampleId :
E1CX0DL

Tgt Ion:202 Resp: 11021

Ion	Ratio	Lower	Upper
202	100		
101	10.2	11.2	16.8#
100	8.6	9.1	13.7#

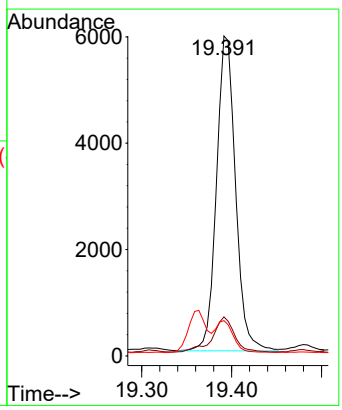


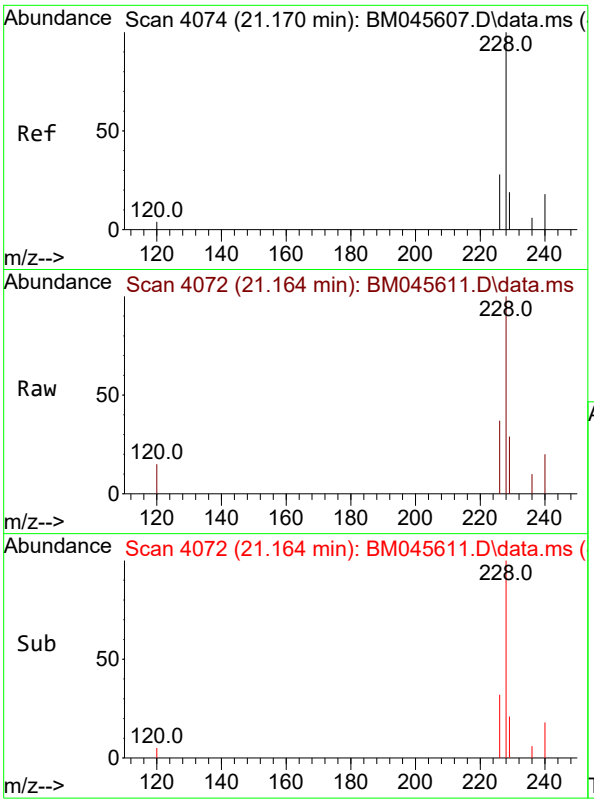


#20
Pyrene
Concen: 0.926 ng/ul
RT: 19.391 min Scan# 3607
Delta R.T. -0.023 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Tgt Ion:202 Resp: 8706

Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.5	17.3
100	11.1	10.6	15.8



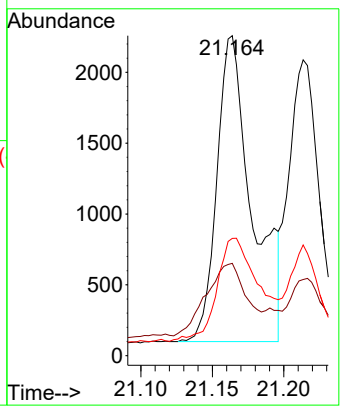


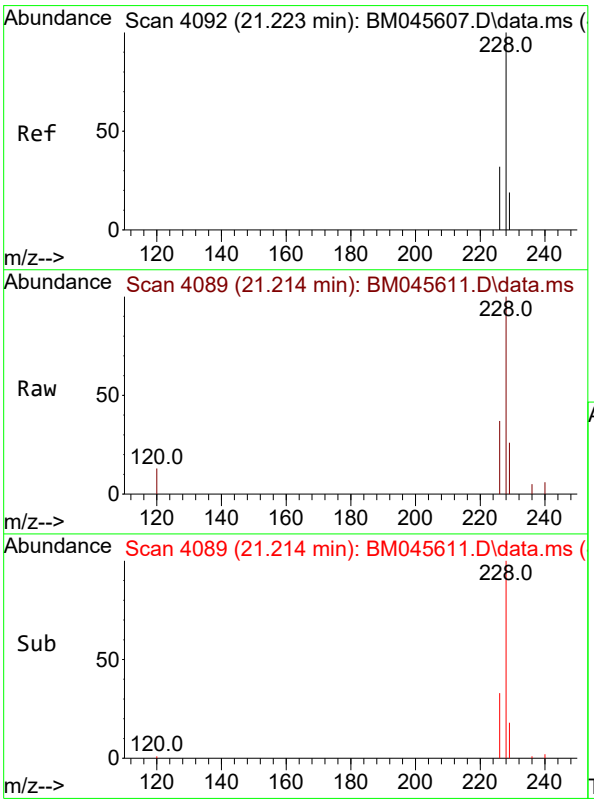
#21
Benzo(a)anthracene
Concen: 0.582 ng/ul
RT: 21.164 min Scan# 4
Delta R.T. -0.017 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Instrument :
BNA_M
ClientSampleId :
E1CX0DL

Tgt Ion:228 Resp: 3690

Ion	Ratio	Lower	Upper
228	100		
229	28.9	19.4	29.2
226	36.7	26.3	39.5

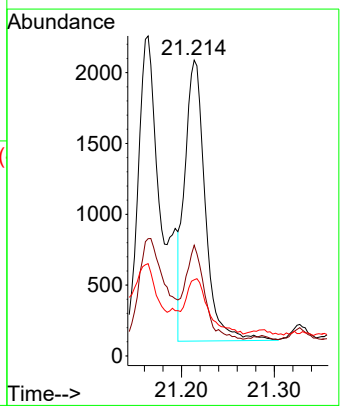


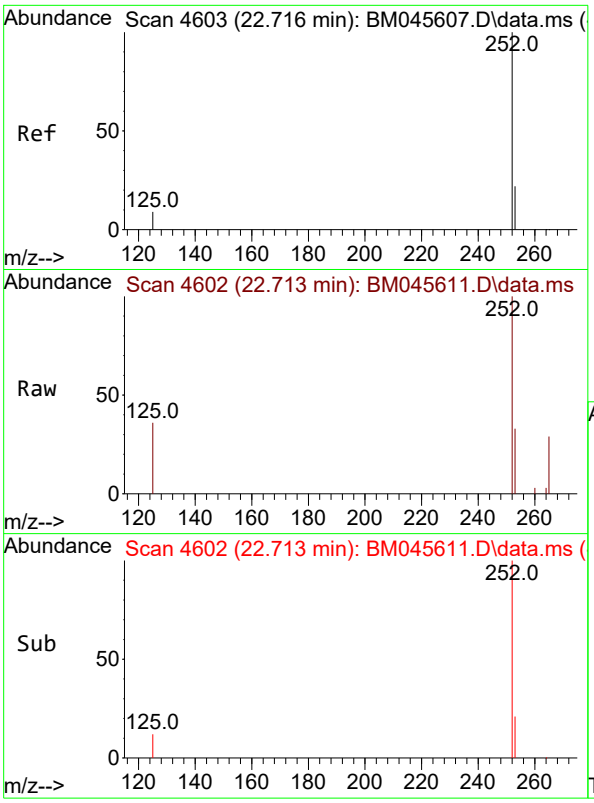


#22
Chrysene
Concen: 0.311 ng/ul
RT: 21.214 min Scan# 4089
Delta R.T. -0.014 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Tgt Ion:228 Resp: 3032

Ion	Ratio	Lower	Upper
228	100		
226	37.4	26.3	39.5
229	25.8	17.8	26.8



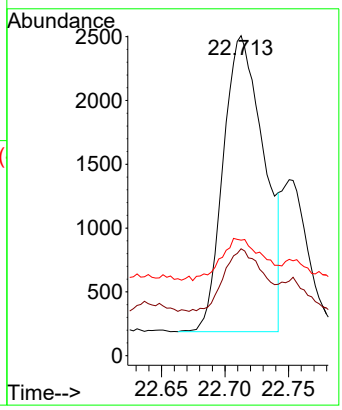


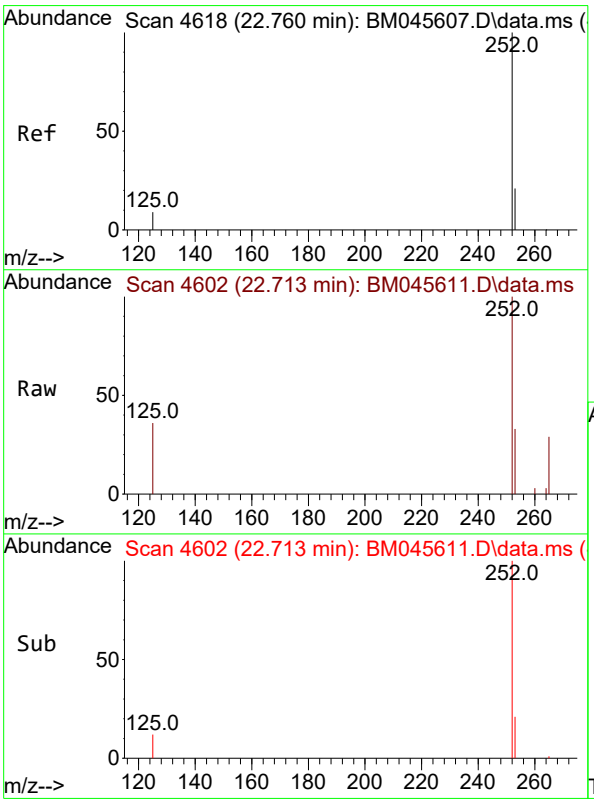
#24
Benzo(b)fluoranthene
Concen: 0.505 ng/ul
RT: 22.713 min Scan# 4
Delta R.T. -0.017 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Instrument :
BNA_M
ClientSampleId :
E1CX0DL

Tgt Ion:252 Resp: 5170

Ion	Ratio	Lower	Upper
252	100		
253	33.4	0.0	63.4
125	36.1	0.0	36.8

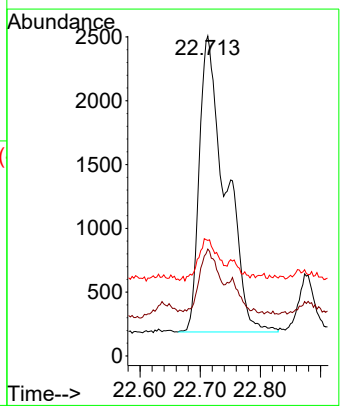


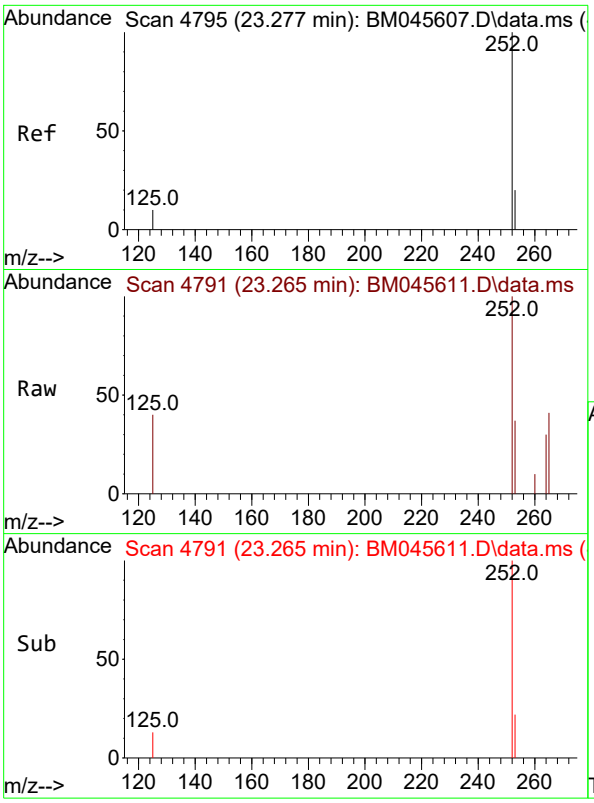


#25
Benzo(k)fluoranthene
Concen: 0.540 ng/ul
RT: 22.713 min Scan# 4602
Delta R.T. -0.058 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Tgt Ion:252 Resp: 6995

Ion	Ratio	Lower	Upper
252	100		
253	33.4	25.4	38.0
125	36.1	14.8	22.2#



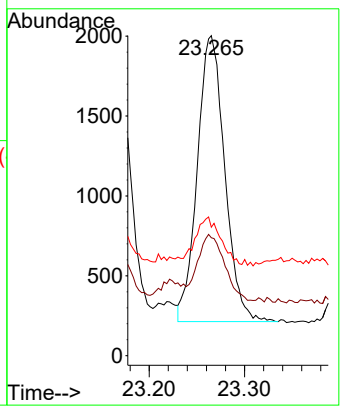


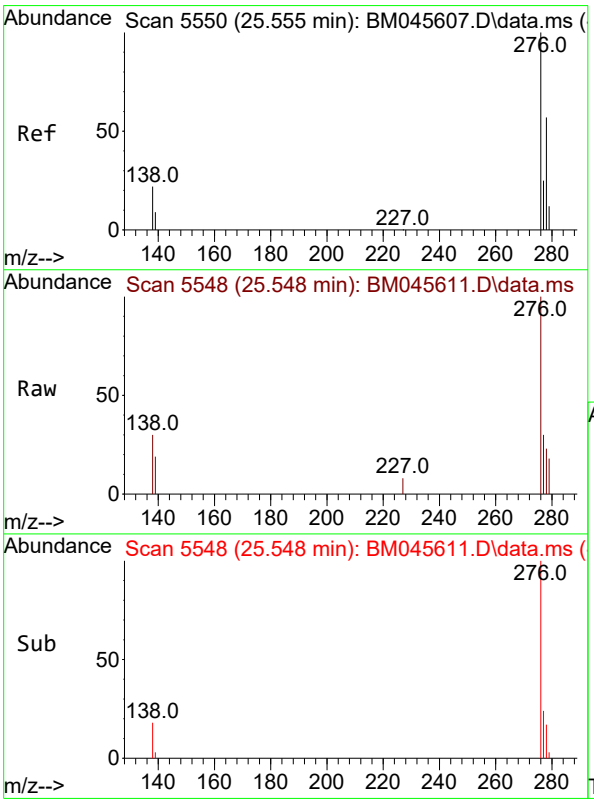
#26
Benzo(a)pyrene
Concen: 0.337 ng/ul
RT: 23.265 min Scan# 4
Delta R.T. -0.026 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Instrument :
BNA_M
ClientSampleId :
E1CX0DL

Tgt Ion:252 Resp: 3582

Ion	Ratio	Lower	Upper
252	100		
253	36.8	31.6	47.4
125	40.1	19.5	29.3#

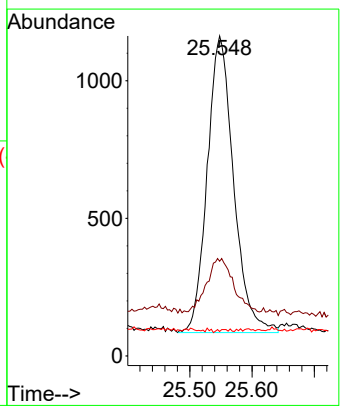


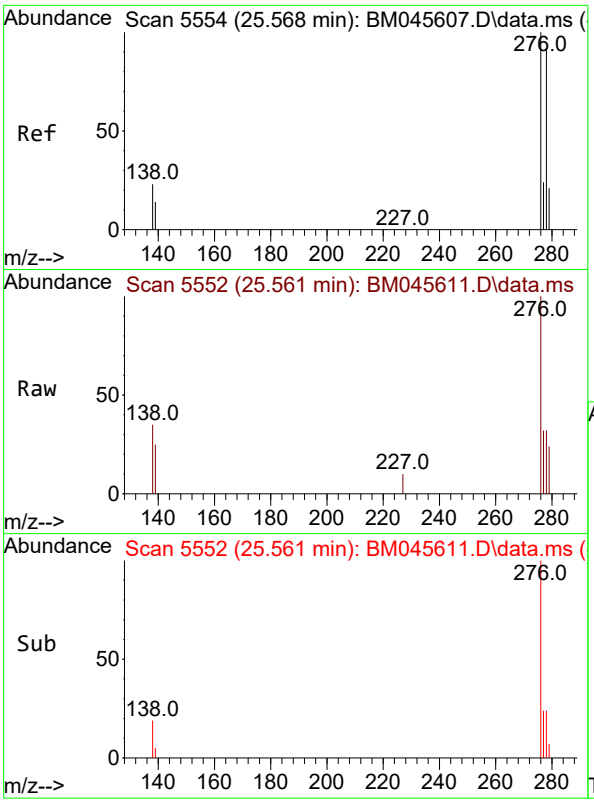


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.205 ng/ul
RT: 25.548 min Scan# 5548
Delta R.T. -0.023 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Tgt Ion:276 Resp: 3167

Ion	Ratio	Lower	Upper
276	100		
138	18.8	19.8	29.6#
227	0.1	0.2	0.2#



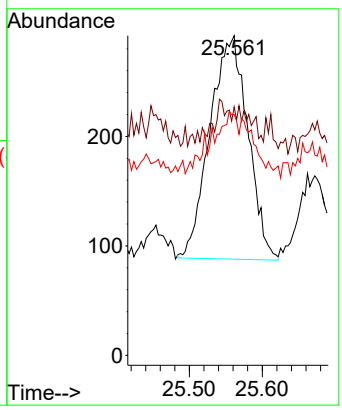


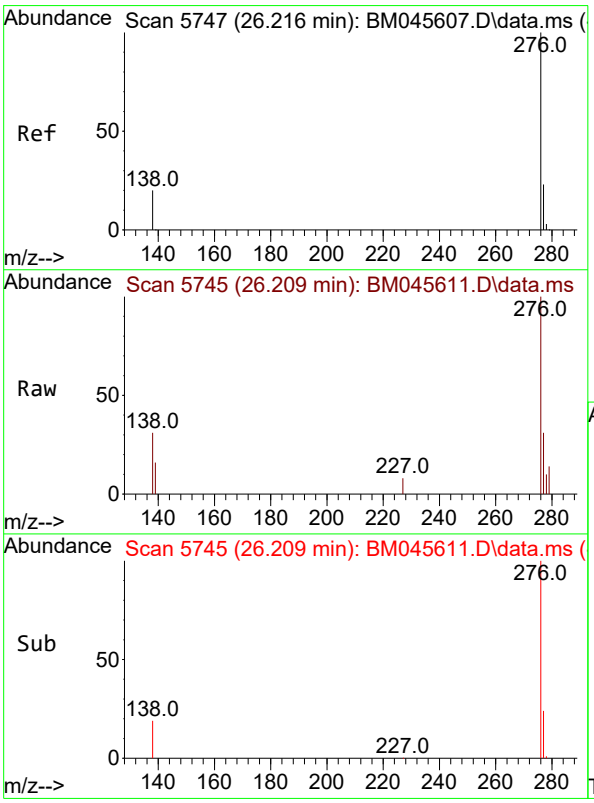
#28
Dibenzo(a,h)anthracene
Concen: 0.060 ng/ul
RT: 25.561 min Scan# 5
Delta R.T. -0.027 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Instrument :
BNA_M
ClientSampleId :
E1CX0DL

Tgt Ion:278 Resp: 739

Ion	Ratio	Lower	Upper
278	100		
139	77.7	19.0	28.6#
279	75.3	29.4	44.2#





#29
Benzo(g,h,i)perylene
Concen: 0.242 ng/ul
RT: 26.209 min Scan# 5745
Delta R.T. -0.027 min
Lab File: BM045611.D
Acq: 27 Apr 2024 14:07

Tgt Ion:276 Resp: 3362

Ion	Ratio	Lower	Upper
276	100		
138	30.5	20.8	31.2
277	31.4	21.8	32.8