Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046605.D
Acq On : 15 Jul 2024 20:42
Operator : MA/JU
Sample : PB161940BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 16 00:25:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.506	152	2726	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	6968	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.146	164	4539	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	10202	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	8428	0.400	ng/ul	0.00
23) Perylene-d12	23.244	264	9490	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.118	96	1309	0.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	4442	0.395	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	10745	0.419	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.147	88	3656	1.529	ng/ul#	71
5) Naphthalene	10.310	128	6912	0.390	ng/ul	97
7) 2-Methylnaphthalene	11.937	142	4920	0.395	ng/ul	100
8) 1-Methylnaphthalene	12.163	142	4902	0.386	ng/ul	99
10) Acenaphthylene	13.864	152	7800	0.377	ng/ul	99
11) Acenaphthene	14.211	153	5635	0.407	ng/ul	98
12) Fluorene	15.205	166	6728	0.393	ng/ul	99
14) Pentachlorophenol	16.555	266	3140	0.607	ng/ul	99
15) Phenanthrene	16.943	178	11247	0.386	ng/ul	99
16) Anthracene	17.032	178	10826	0.381	ng/ul	99
19) Fluoranthene	18.970	202	14003	0.405	ng/ul	99
20) Pyrene	19.332	202	14653	0.391	ng/ul	99
21) Benzo(a)anthracene	21.090	228	13986	0.375	ng/ul	98
22) Chrysene	21.143	228	13210	0.366	ng/ul	99
24) Benzo(b)fluoranthene	22.610	252	14664	0.387	ng/ul	98
25) Benzo(k)fluoranthene	22.654	252	14080	0.378	ng/ul	97
26) Benzo(a)pyrene	23.154	252	13004	0.417	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.366	276	17399	0.366	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.383	278	13599	0.362	ng/ul	98
29) Benzo(g,h,i)perylene	26.007	276	13337	0.352	ng/ul	99

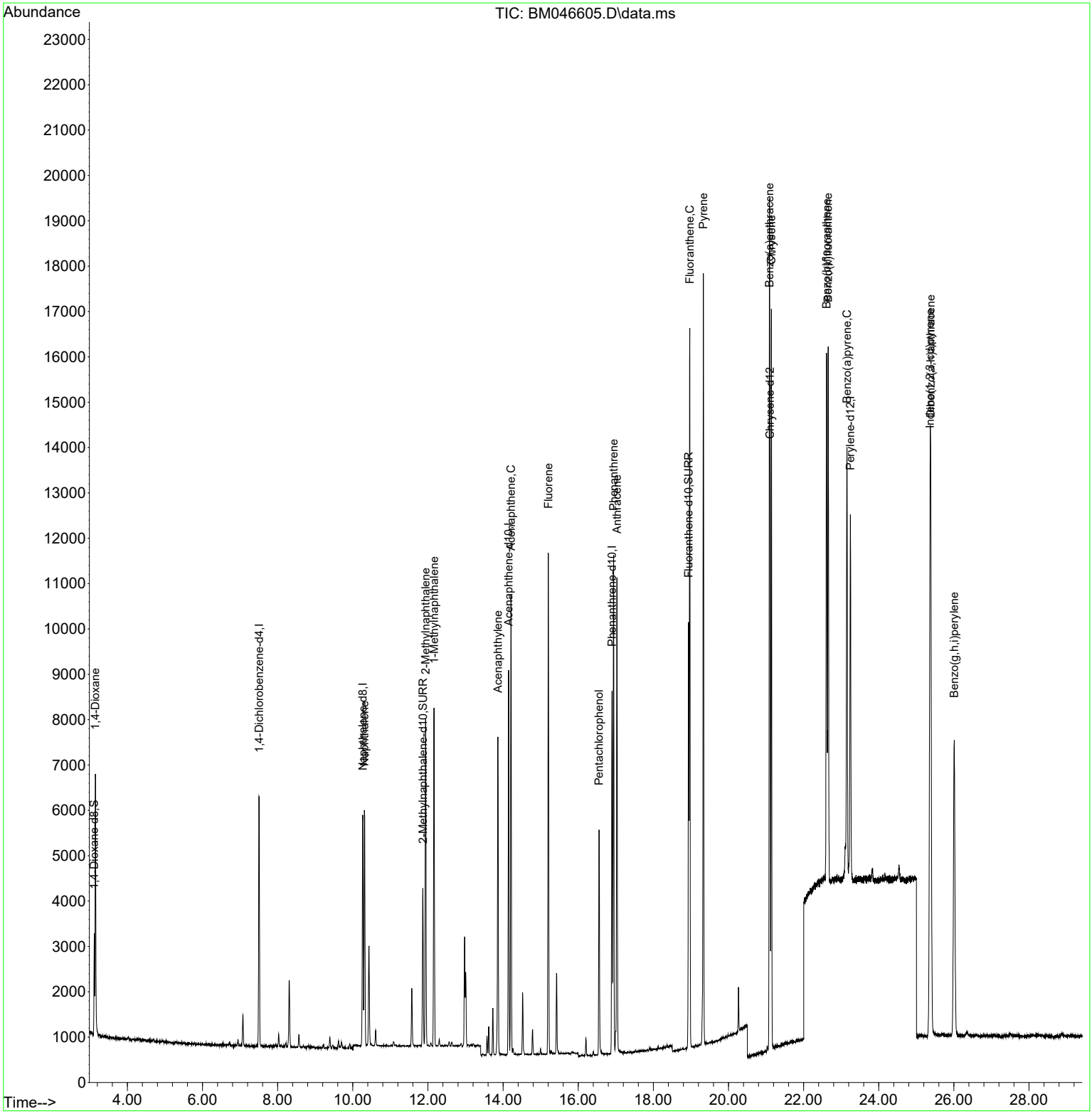
(#) = qualifier out of range (m) = manual integration (+) = signals summed

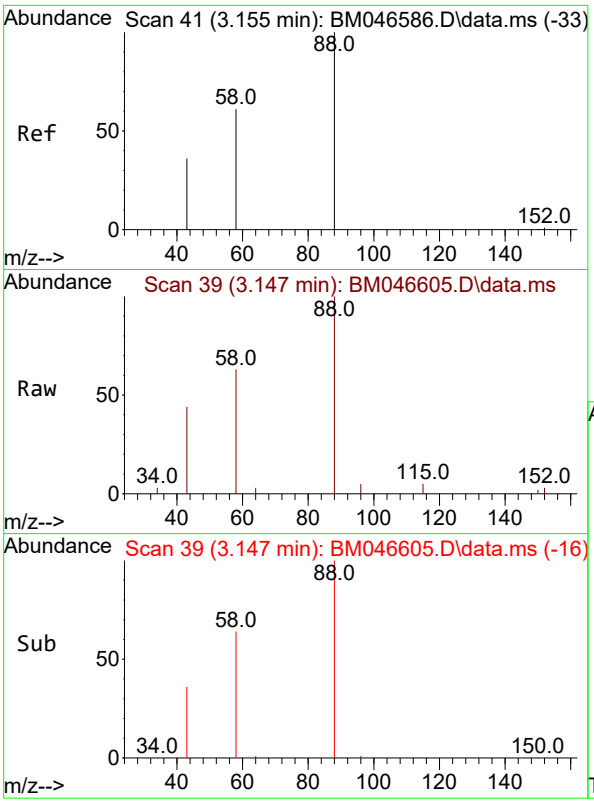
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071524\
Data File : BM046605.D
Acq On : 15 Jul 2024 20:42
Operator : MA/JU
Sample : PB161940BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 16 00:25:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 08:57:27 2024
Response via : Initial Calibration



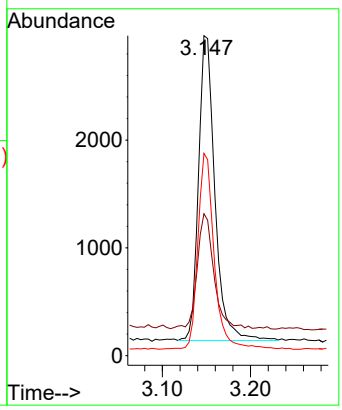


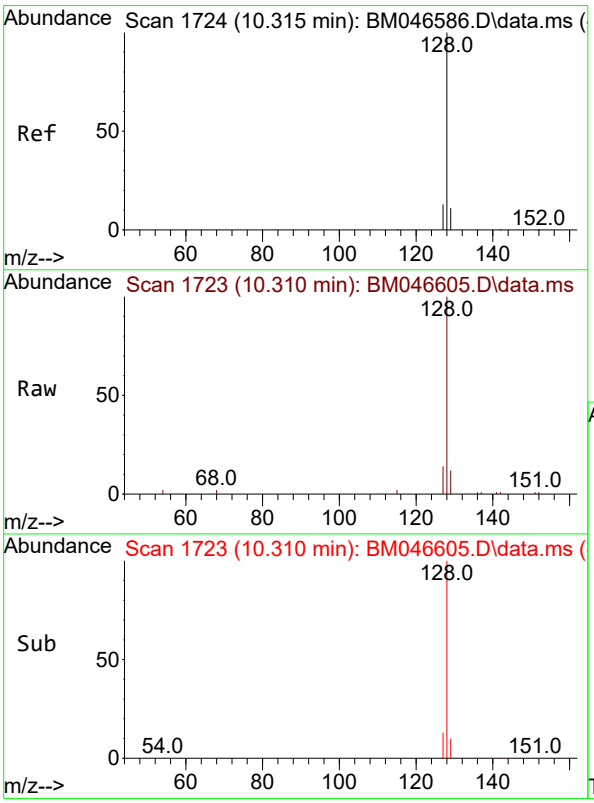
#2
1,4-Dioxane
Concen: 1.529 ng/ul
RT: 3.147 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 3656

Ion	Ratio	Lower	Upper
88	100		
43	44.4	70.2	105.4#
58	63.2	48.2	72.4

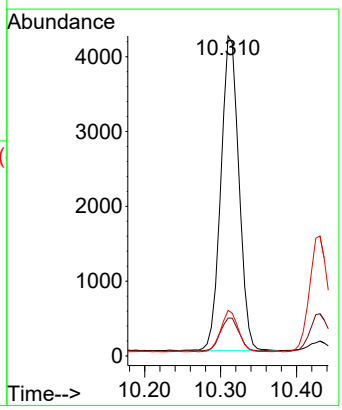


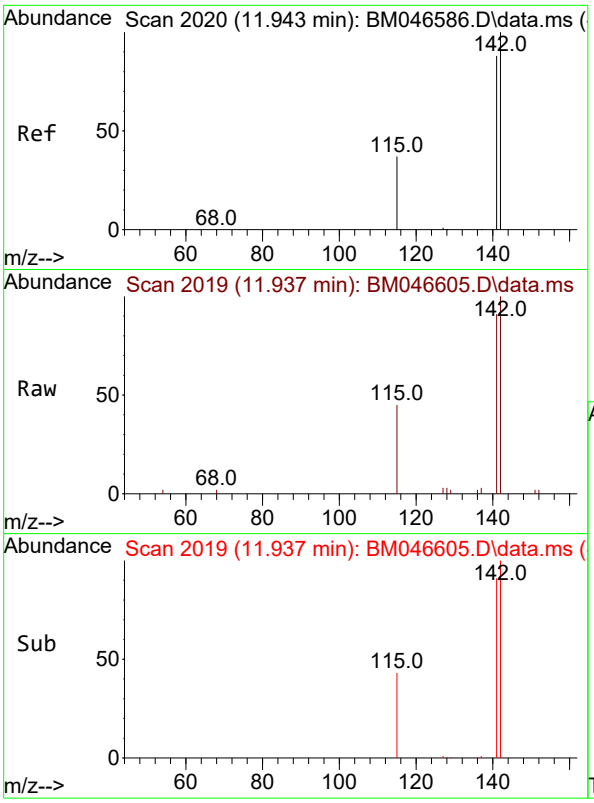


#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.310 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:128 Resp: 6912

Ion	Ratio	Lower	Upper
128	100		
129	11.9	10.3	15.5
127	14.3	12.2	18.4



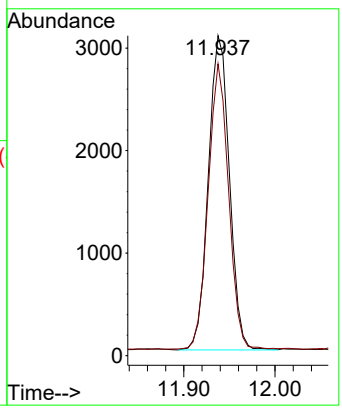


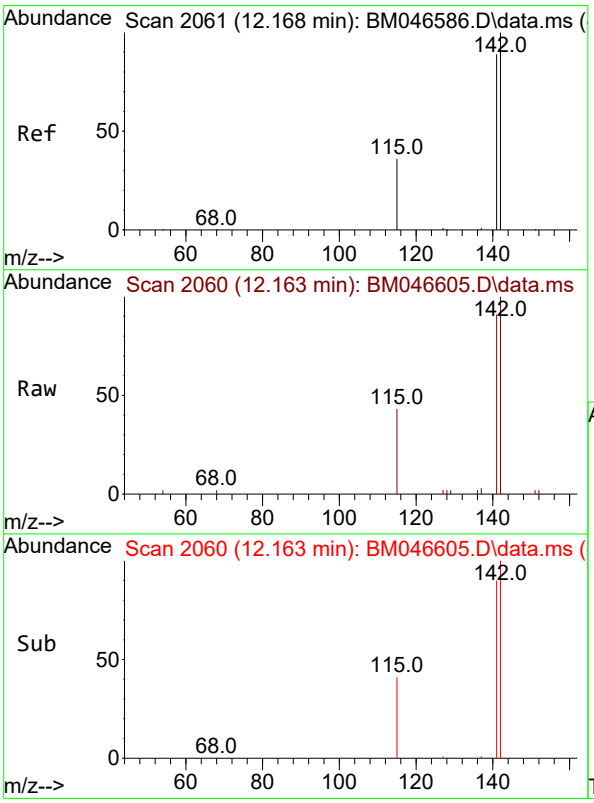
#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 11.937 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 4920

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5

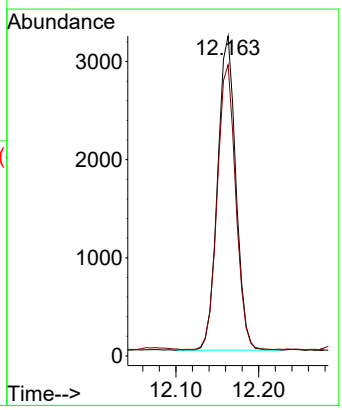


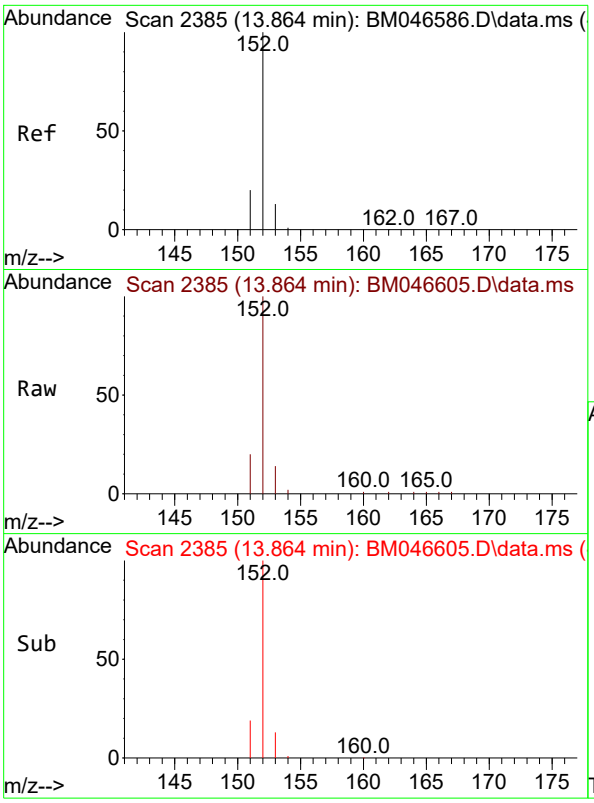


#8
1-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.163 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:142 Resp: 4902

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.9	110.9



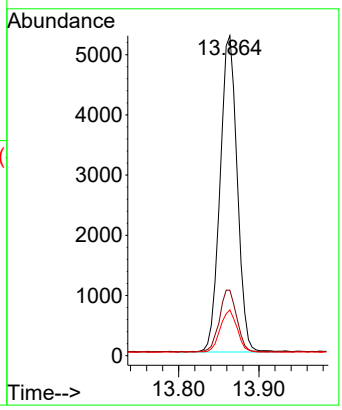


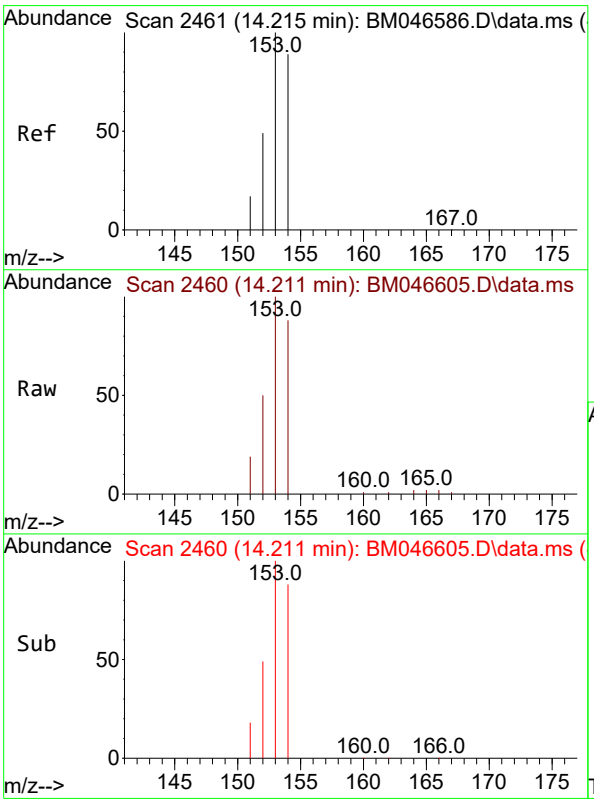
#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 13.864 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 7800

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	14.3	12.4	18.6

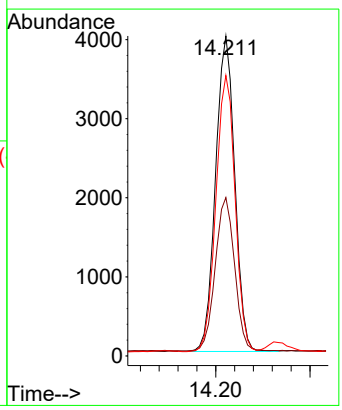


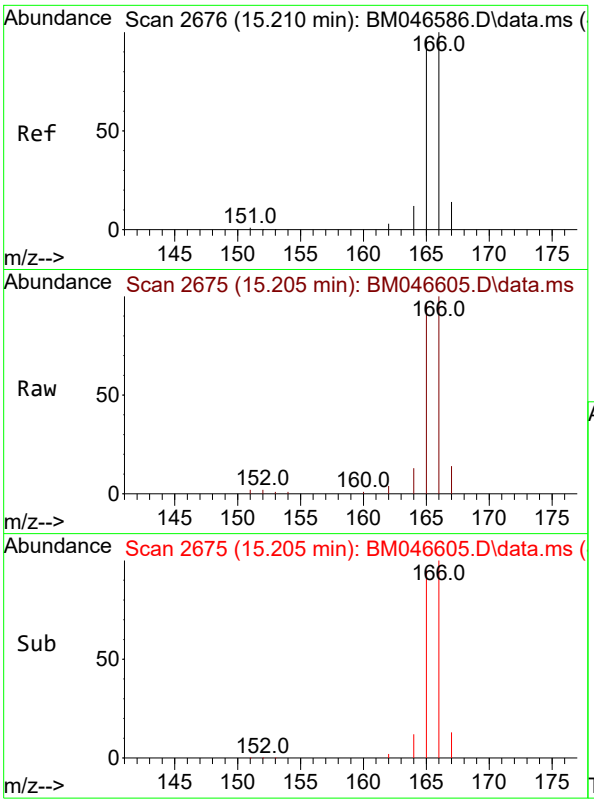


#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:153 Resp: 5635

Ion	Ratio	Lower	Upper
153	100		
152	49.5	43.0	64.6
154	87.6	69.9	104.9



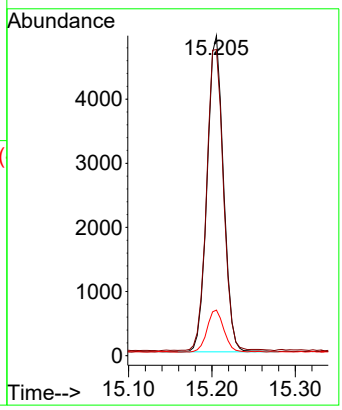


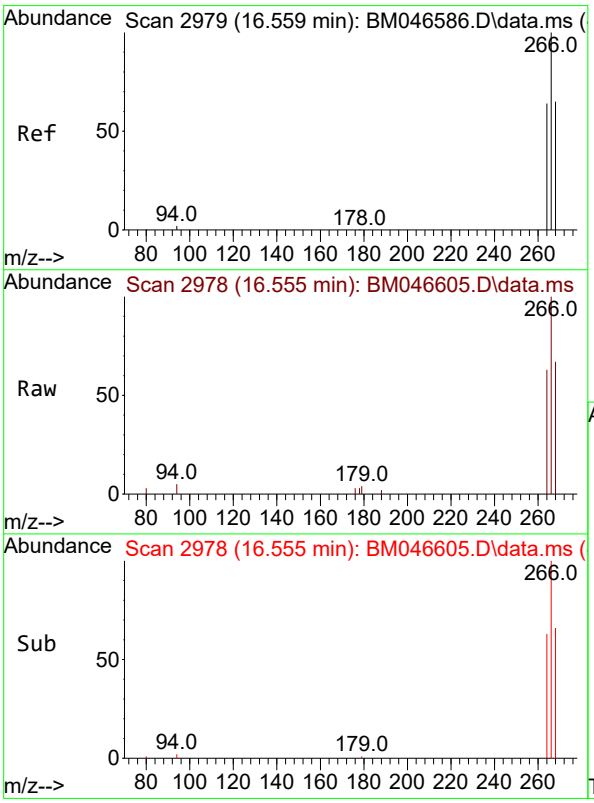
#12
Fluorene
Concen: 0.393 ng/ul
RT: 15.205 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 6728

Ion	Ratio	Lower	Upper
166	100		
165	95.7	76.1	114.1
167	14.2	12.5	18.7

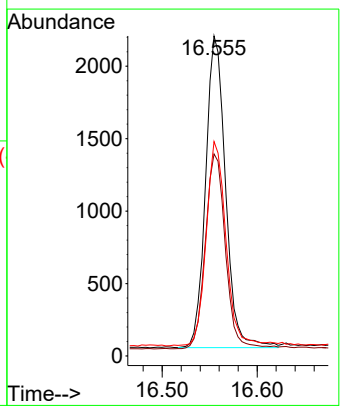


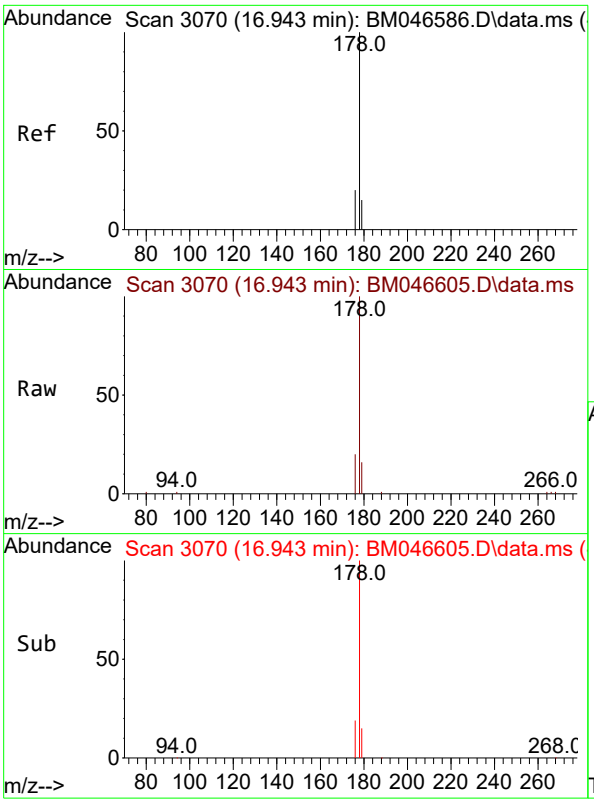


#14
Pentachlorophenol
Concen: 0.607 ng/ul
RT: 16.555 min Scan# 2978
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:266 Resp: 3140

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.1	75.1
268	66.0	52.5	78.7



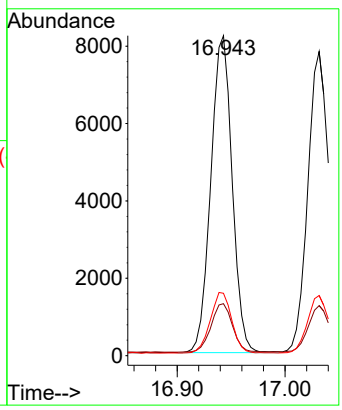


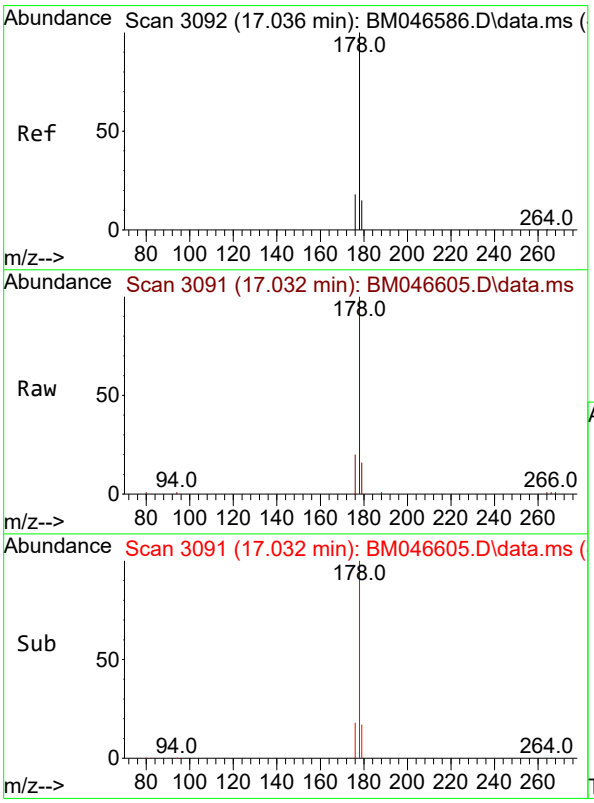
#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 16.943 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 11247

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.1	19.7
176	19.5	16.0	24.0

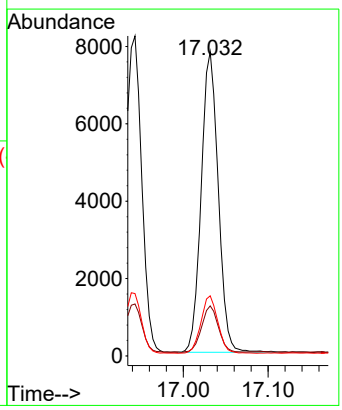


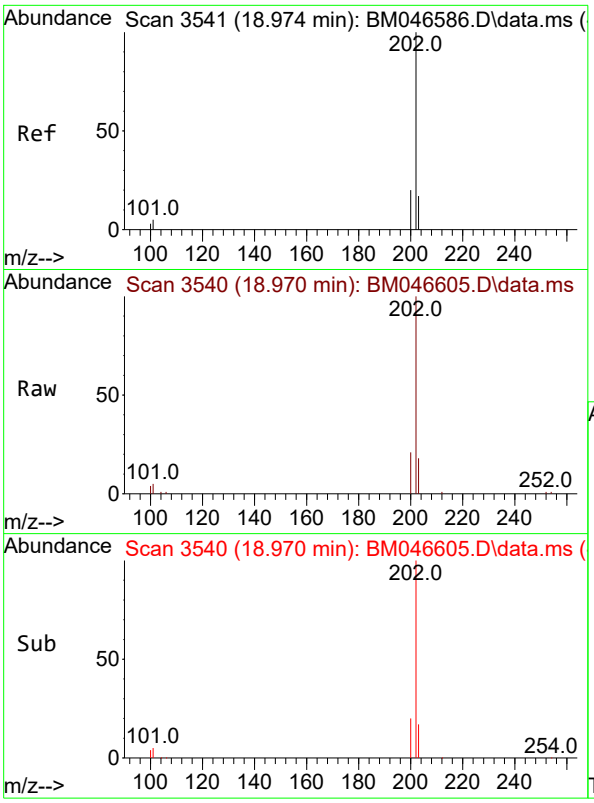


#16
Anthracene
Concen: 0.381 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:178 Resp: 10826

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.5	20.3
176	19.8	15.7	23.5



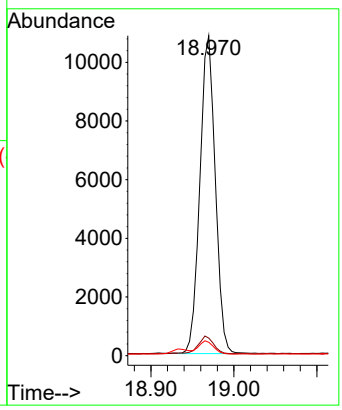


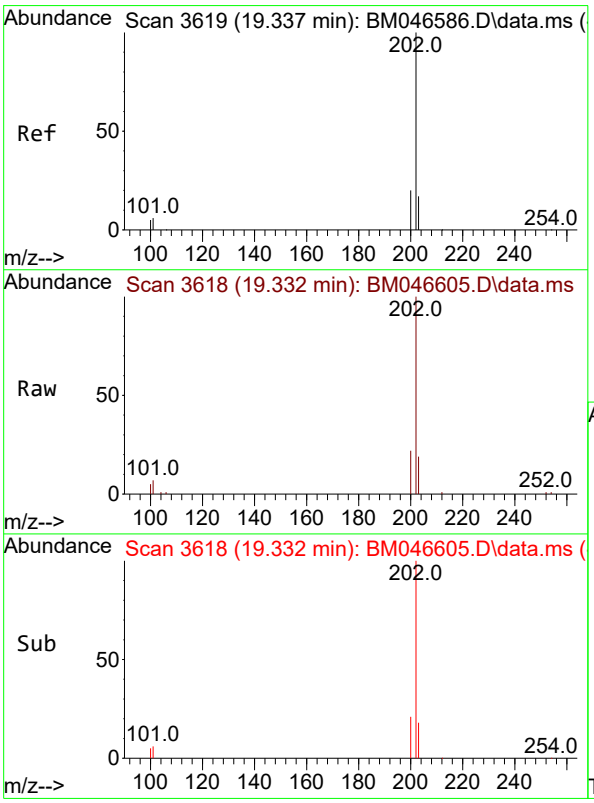
#19
Fluoranthene
Concen: 0.405 ng/ul
RT: 18.970 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 14003

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	6.8
100	4.2	3.0	4.6

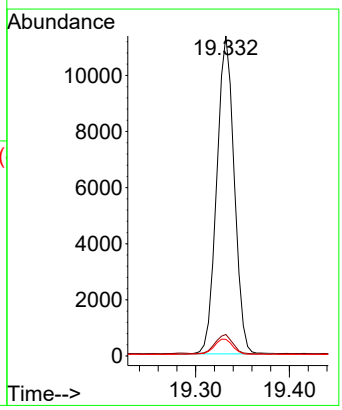


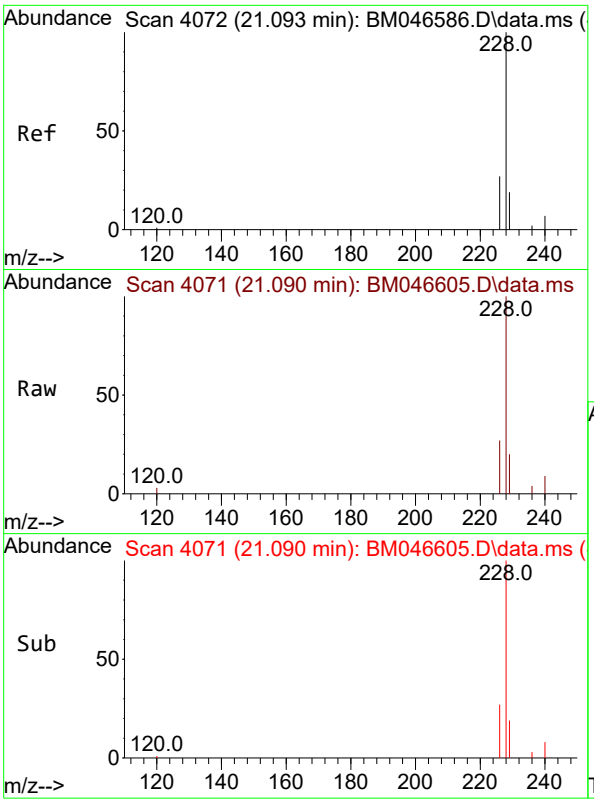


#20
Pyrene
Concen: 0.391 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:202 Resp: 14653

Ion	Ratio	Lower	Upper
202	100		
101	6.7	5.1	7.7
100	5.2	3.8	5.6



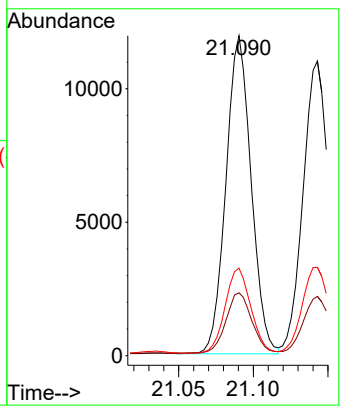


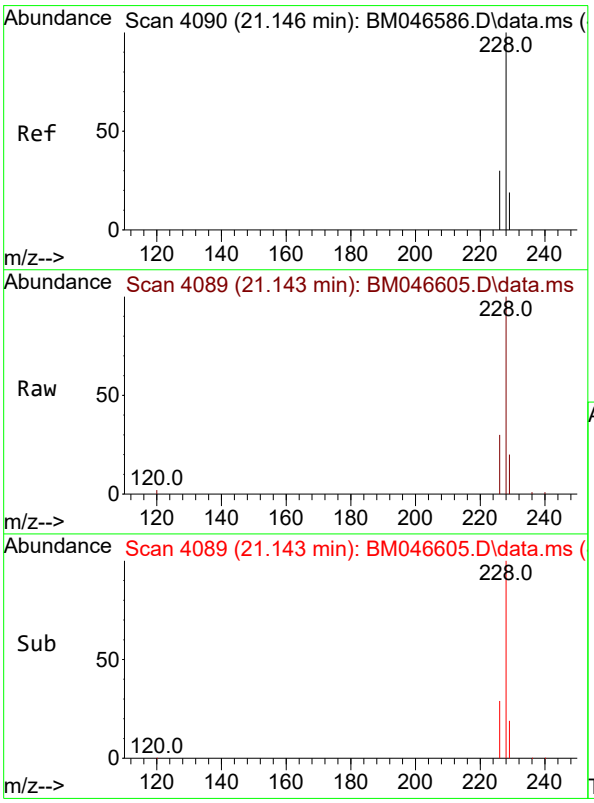
#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.090 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 13986

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.5	24.7
226	27.4	22.5	33.7

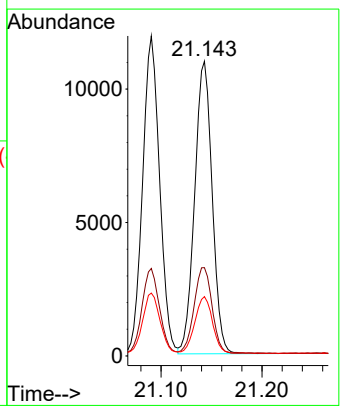


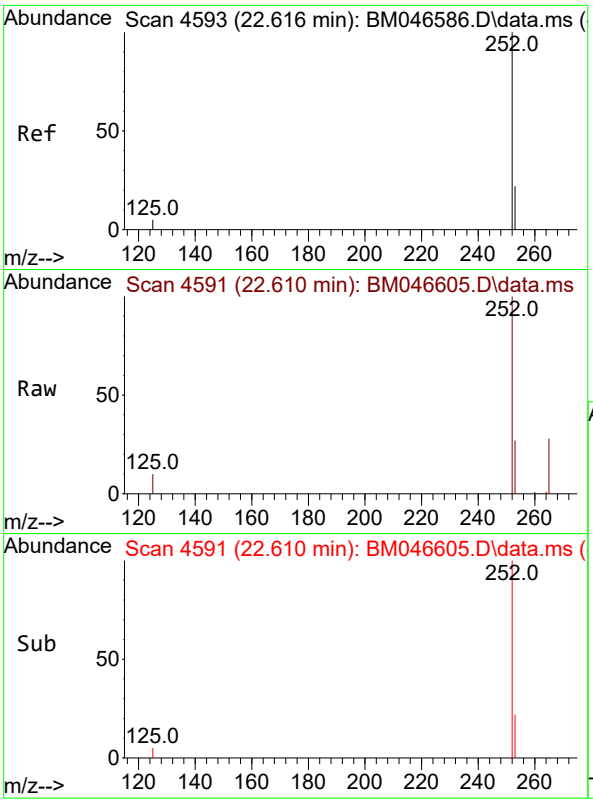


#22
Chrysene
Concen: 0.366 ng/ul
RT: 21.143 min Scan# 4089
Delta R.T. 0.003 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:228 Resp: 13210

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.3	36.5
229	20.1	16.4	24.6



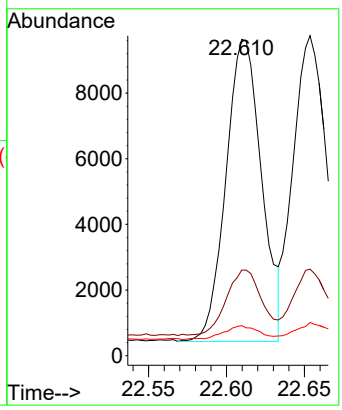


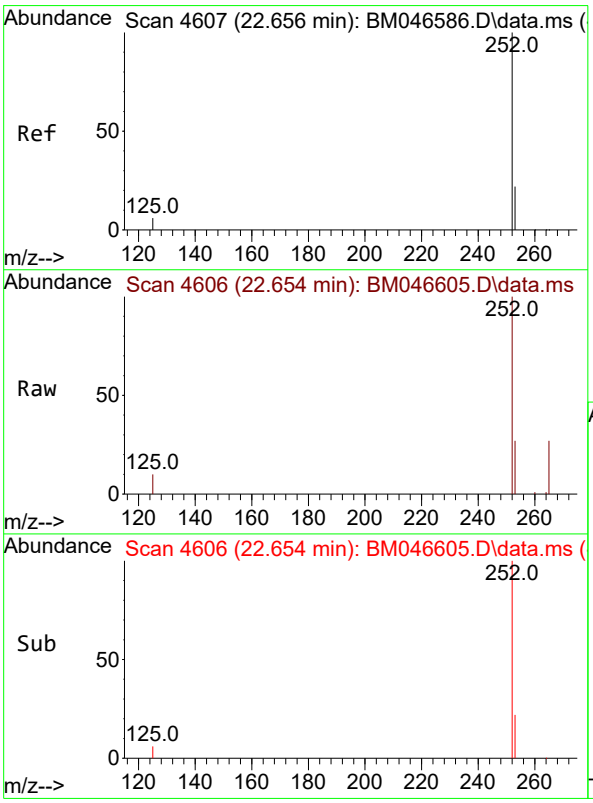
#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 22.610 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 14664

Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	56.2
125	9.5	0.0	17.8

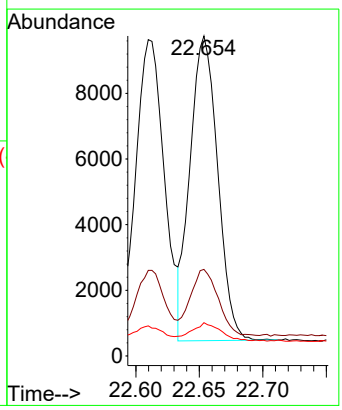


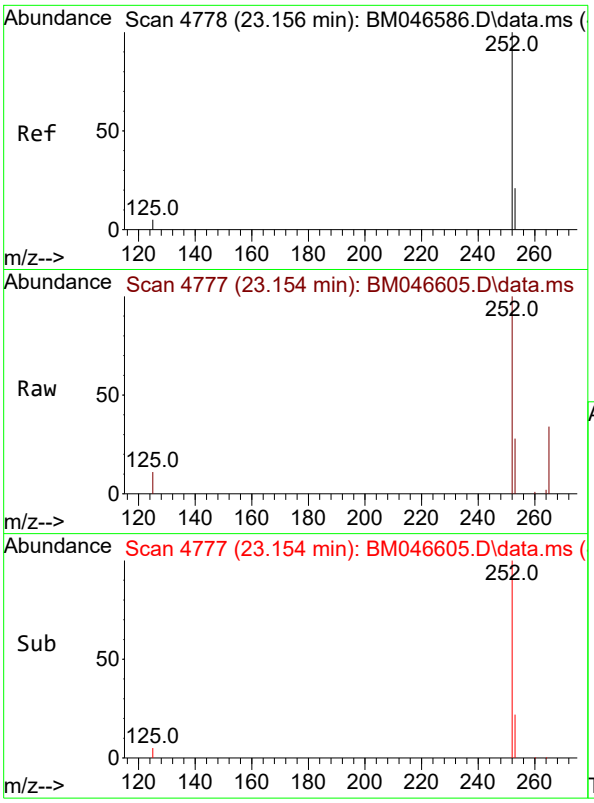


#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.654 min Scan# 4606
Delta R.T. 0.003 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:252 Resp: 14080

Ion	Ratio	Lower	Upper
252	100		
253	27.0	22.4	33.6
125	10.4	7.0	10.4



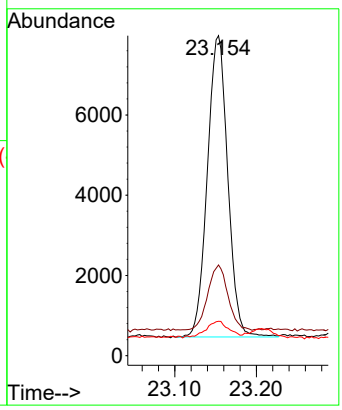


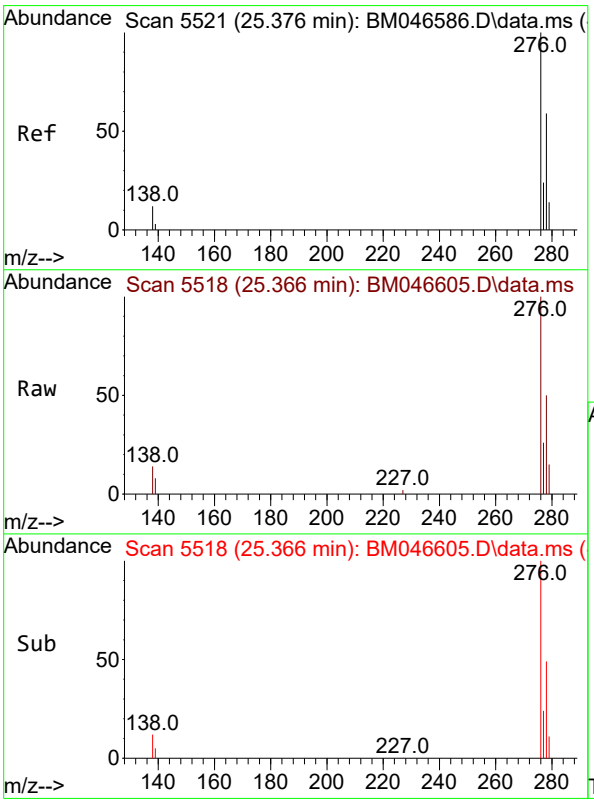
#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.154 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 13004

Ion	Ratio	Lower	Upper
252	100		
253	28.3	24.0	36.0
125	10.8	8.2	12.2

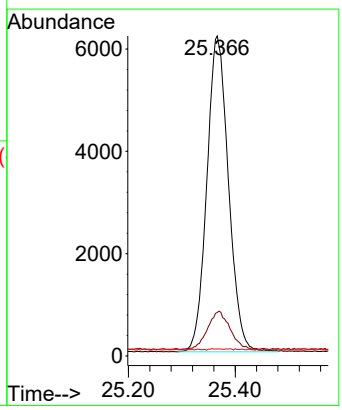


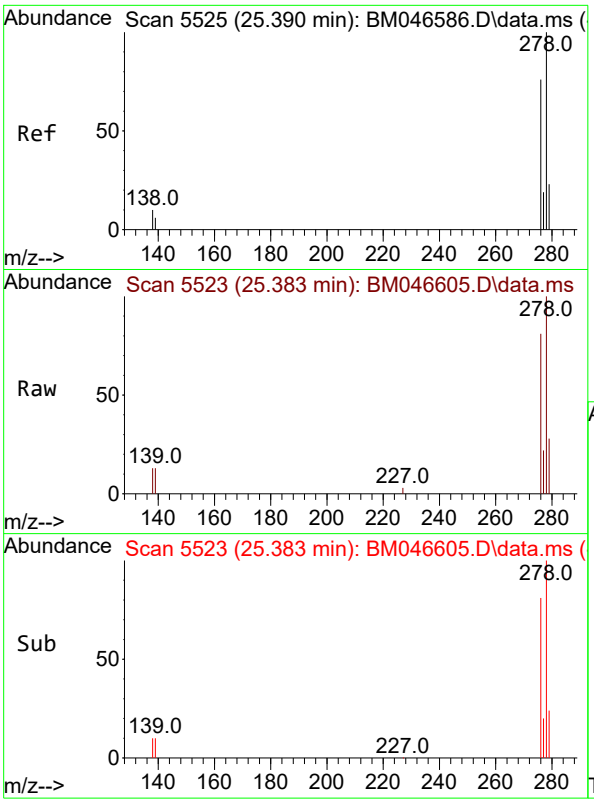


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 25.366 min Scan# 5518
Delta R.T. 0.006 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:276 Resp: 17399

Ion	Ratio	Lower	Upper
276	100		
138	12.4	0.0	0.0#
227	0.2	0.2	0.2



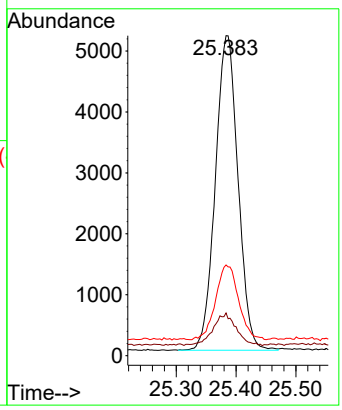


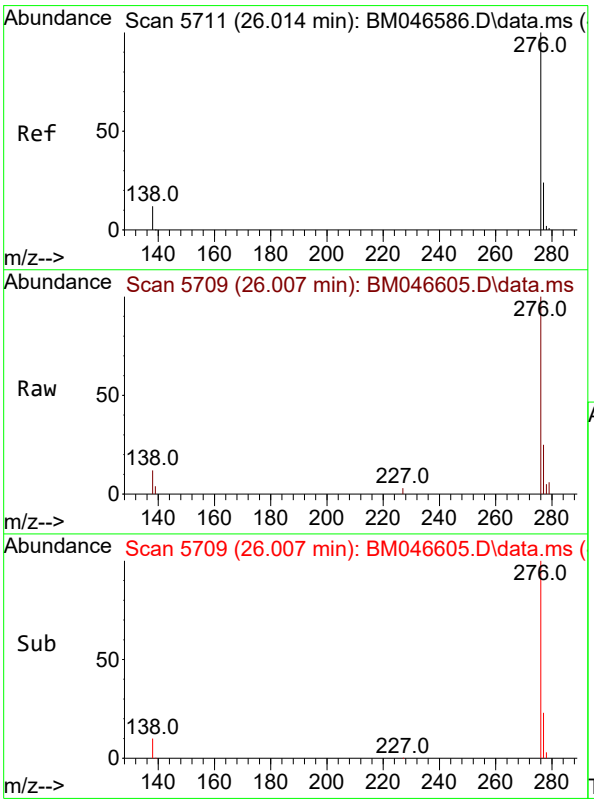
#28
Dibenzo(a,h)anthracene
Concen: 0.362 ng/ul
RT: 25.383 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 13599

Ion	Ratio	Lower	Upper
278	100		
139	13.3	9.1	13.7
279	28.4	23.2	34.8





#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 26.007 min Scan# 5709
Delta R.T. 0.003 min
Lab File: BM046605.D
Acq: 15 Jul 2024 20:42

Tgt Ion:276 Resp: 13337

Ion	Ratio	Lower	Upper
276	100		
138	12.5	10.2	15.4
277	25.3	20.9	31.3