Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046575.D
Acq On : 13 Jul 2024 10:13
Operator : MA/JU
Sample : P3088-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CY3

Quant Time: Jul 15 09:00:24 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	4288	0.400	ng/ul	0.00
4) Naphthalene-d8	10.266	136	11655	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.146	164	7284	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.901	188	16462	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	11221	0.400	ng/ul	# 0.00
23) Perylene-d12	23.244	264	12719	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	8393	2.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.866	152	3340	0.178	ng/ul	0.00
18) Fluoranthene-d10	18.937	212	7866	0.230	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.117	88	78	0.021	ng/ul#	66
5) Naphthalene	10.315	128	8545	0.288	ng/ul	98
7) 2-Methylnaphthalene	11.943	142	3175	0.152	ng/ul	100
8) 1-Methylnaphthalene	12.163	142	2563	0.121	ng/ul	100
10) Acenaphthylene	13.864	152	16585	0.500	ng/ul	98
11) Acenaphthene	14.211	153	12250	0.551	ng/ul	97
12) Fluorene	15.205	166	14883	0.541	ng/ul	96
14) Pentachlorophenol	16.554	266	254	0.030	ng/ul	95
15) Phenanthrene	16.943	178	331235	7.051	ng/ul	98
16) Anthracene	17.036	178	61497	1.341	ng/ul	98
19) Fluoranthene	18.969	202	680858	14.772	ng/ul	99
20) Pyrene	19.332	202	459739	9.213	ng/ul	98
21) Benzo(a)anthracene	21.090	228	283600	5.713	ng/ul	98
22) Chrysene	21.140	228	290923	6.057	ng/ul	99
24) Benzo(b)fluoranthene	22.612	252	527838	10.390	ng/ul	91
25) Benzo(k)fluoranthene	22.612	252	527838	10.583	ng/ul#	91
26) Benzo(a)pyrene	23.063	252	76233	1.823	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.363	276	132919	2.089	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.376	278	45846	0.910	ng/ul#	98
29) Benzo(g,h,i)perylene	26.007	276	30201	0.595	ng/ul#	97

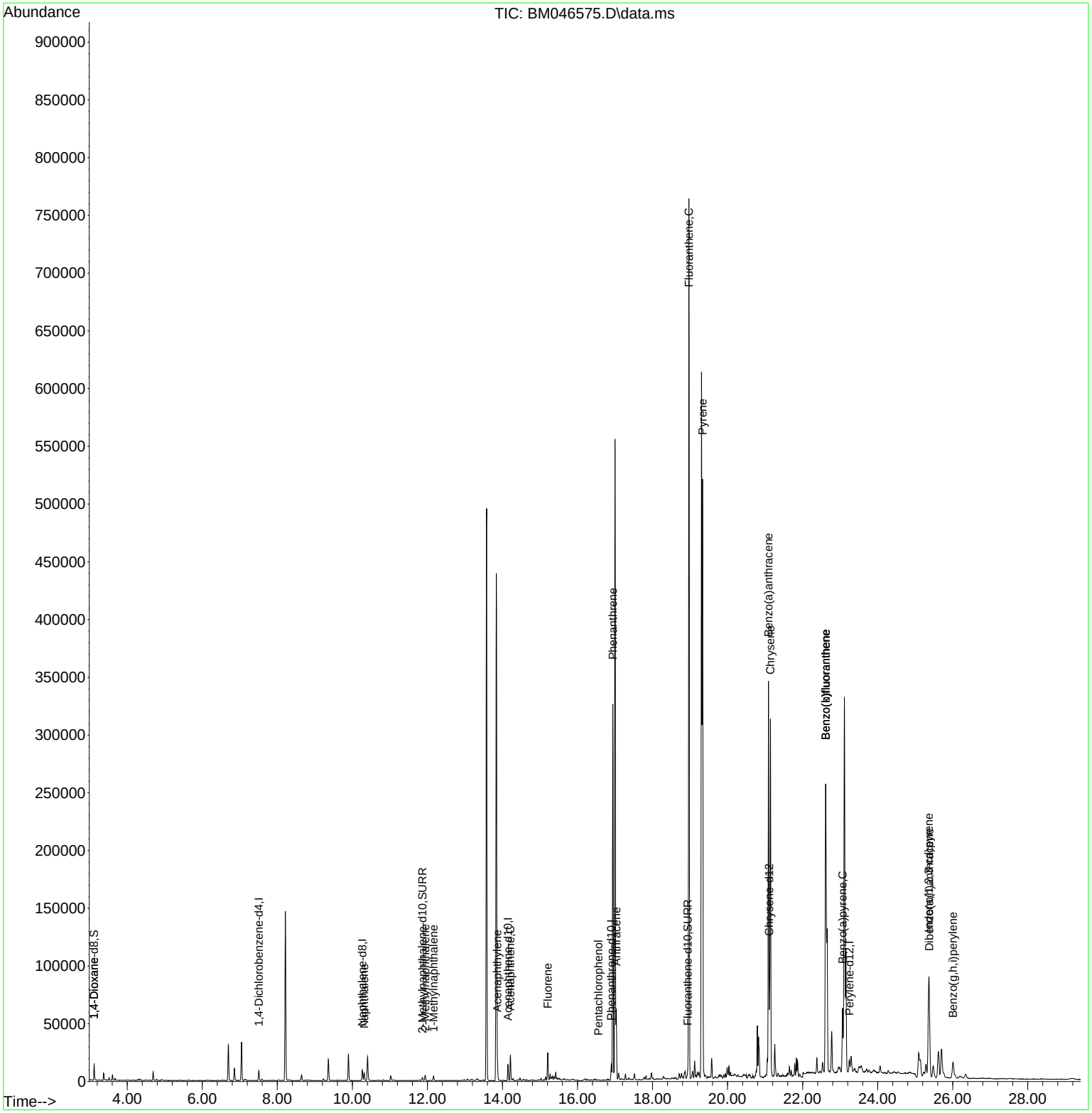
(#) = qualifier out of range (m) = manual integration (+) = signals summed

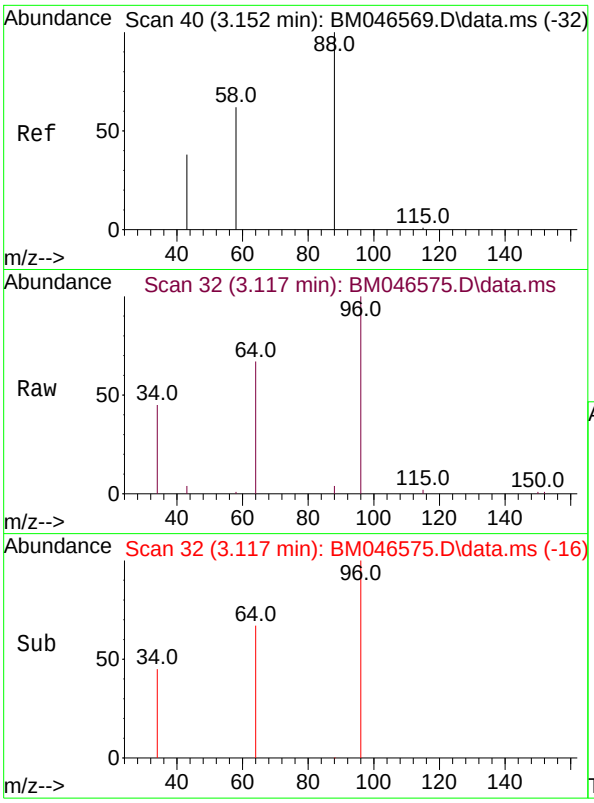
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046575.D
Acq On : 13 Jul 2024 10:13
Operator : MA/JU
Sample : P3088-11
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CY3

Quant Time: Jul 15 09:00:24 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



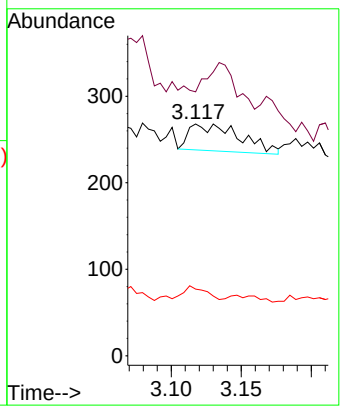


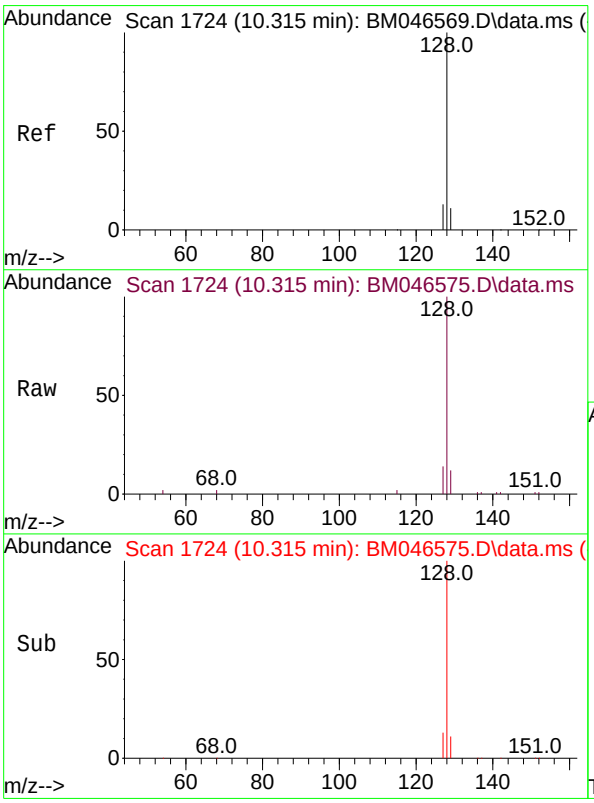
#2
1,4-Dioxane
Concen: 0.021 ng/ul
RT: 3.117 min Scan# 3
Delta R.T. -0.034 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Instrument :
BNA_M
ClientSampleId :
A4CY3

Tgt Ion: 88 Resp: 78

Ion	Ratio	Lower	Upper
88	100		
43	113.8	70.2	105.4#
58	28.7	48.2	72.4#

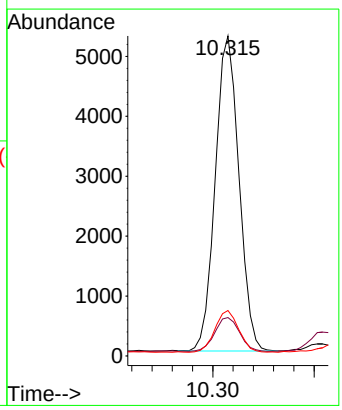


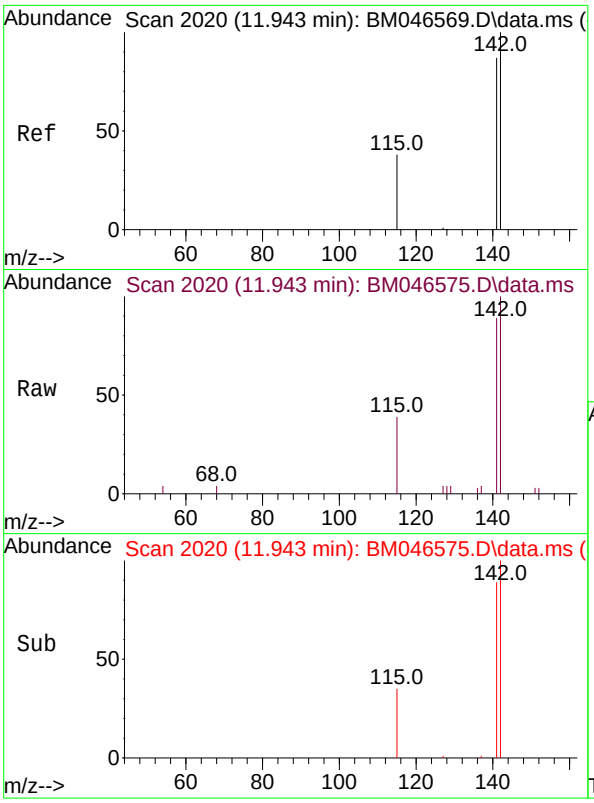


#5
Naphthalene
Concen: 0.288 ng/ul
RT: 10.315 min Scan# 1724
Delta R.T. -0.000 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Tgt Ion:128 Resp: 8545

Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.3	15.5
127	14.2	12.2	18.4



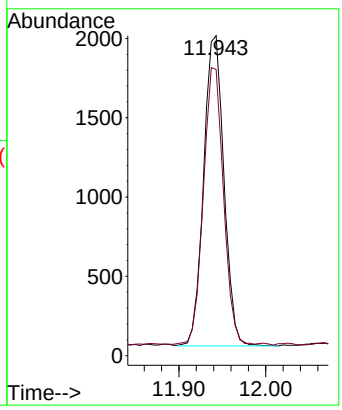


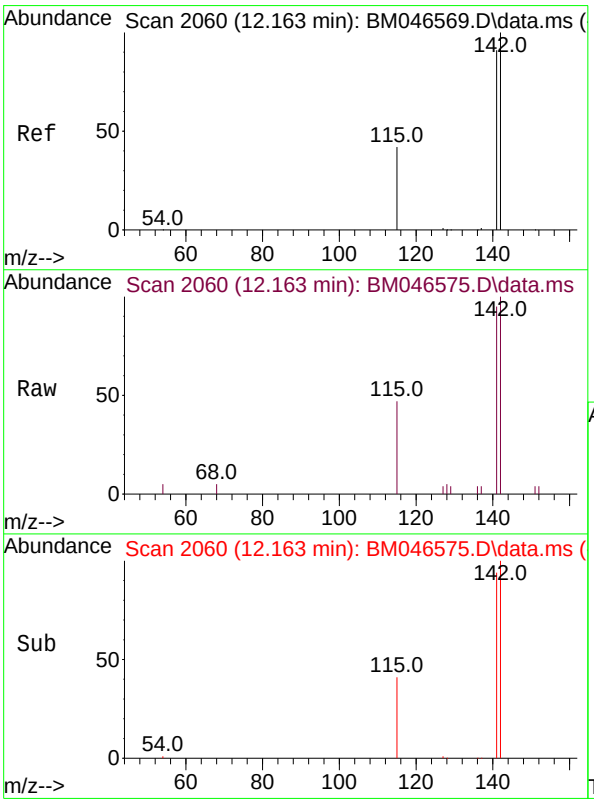
#7
2-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 11.943 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Instrument :
BNA_M
ClientSampleId :
A4CY3

Tgt Ion:142 Resp: 3175

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.3	105.5

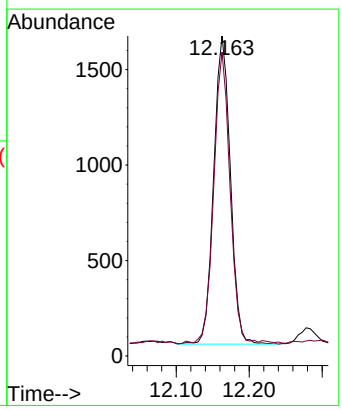


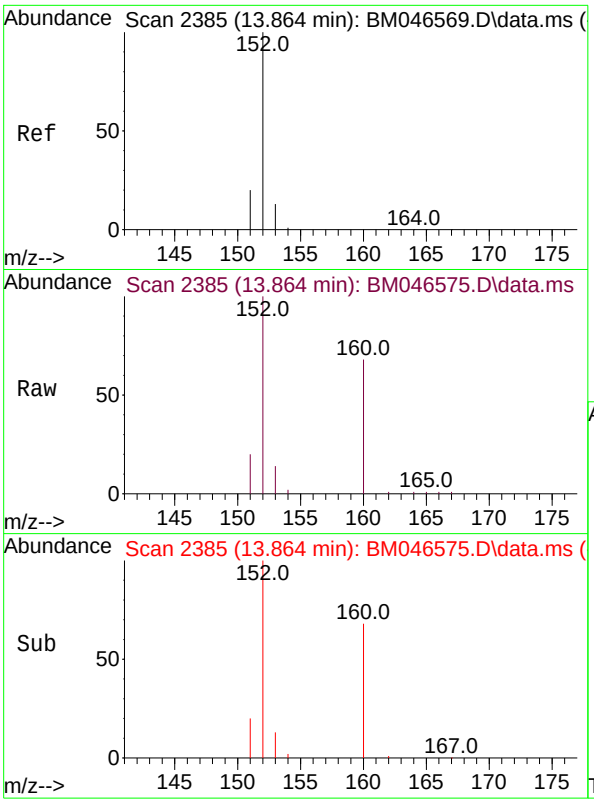


#8
1-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 12.163 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Tgt Ion:142 Resp: 2563

Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.9	110.9



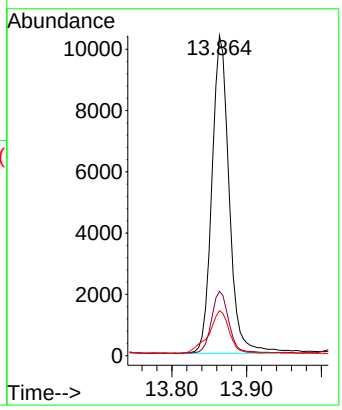


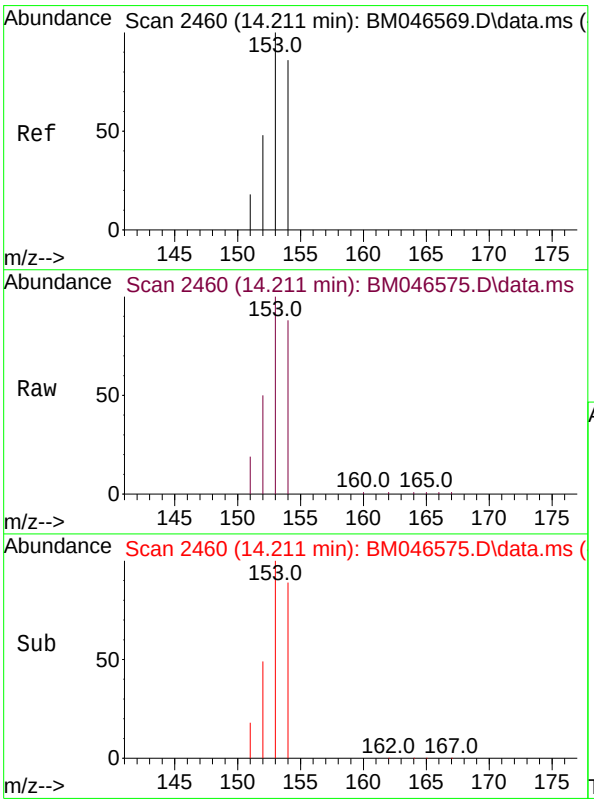
#10
Acenaphthylene
Concen: 0.500 ng/ul
RT: 13.864 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Instrument :
BNA_M
ClientSampleId :
A4CY3

Tgt Ion:152 Resp: 16585

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6
153	14.0	12.4	18.6

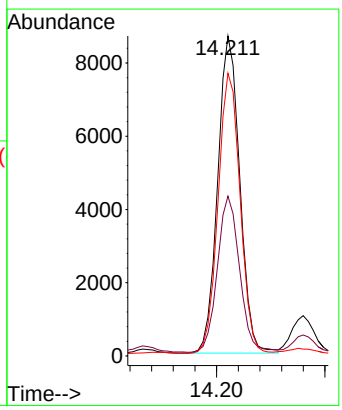


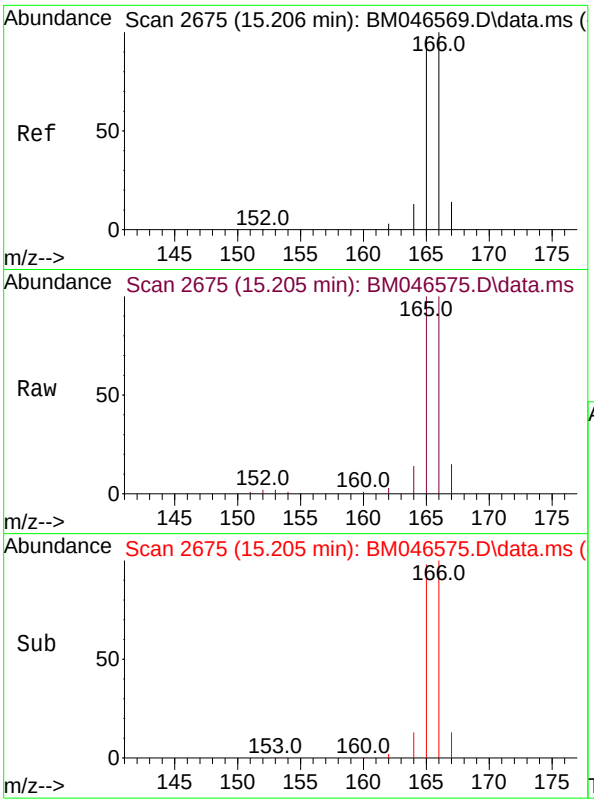


#11
Acenaphthene
Concen: 0.551 ng/ul
RT: 14.211 min Scan# 2460
Delta R.T. -0.000 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Tgt Ion:153 Resp: 12250

Ion	Ratio	Lower	Upper
153	100		
152	50.0	43.0	64.6
154	88.4	69.9	104.9



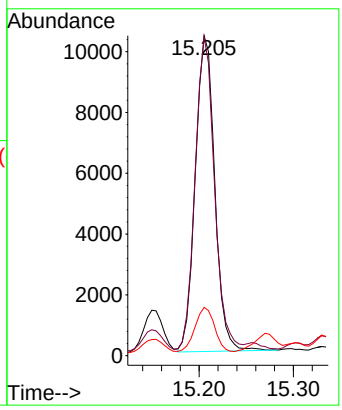


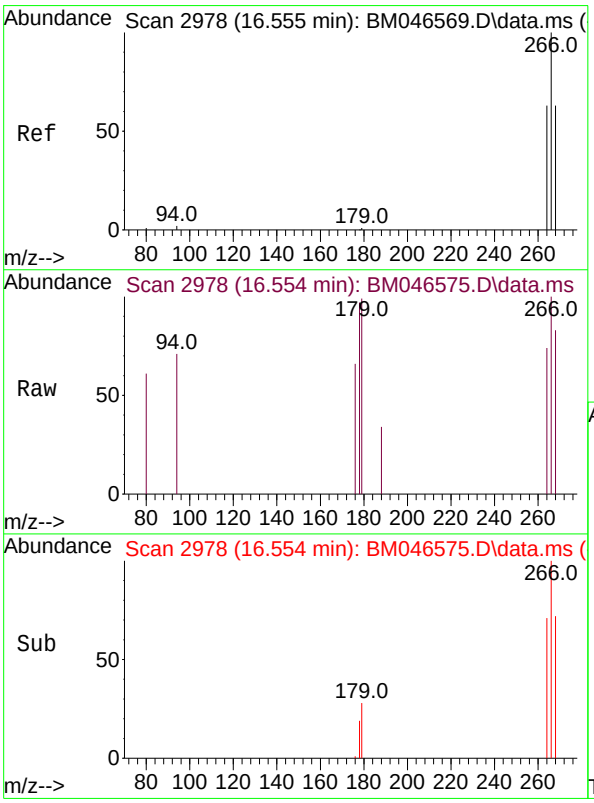
#12
Fluorene
Concen: 0.541 ng/ul
RT: 15.205 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Instrument :
BNA_M
ClientSampleId :
A4CY3

Tgt Ion:166 Resp: 14883

Ion	Ratio	Lower	Upper
166	100		
165	99.5	76.1	114.1
167	15.1	12.5	18.7

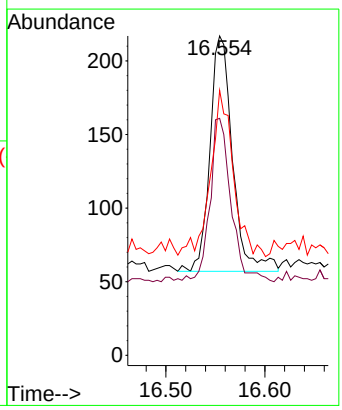


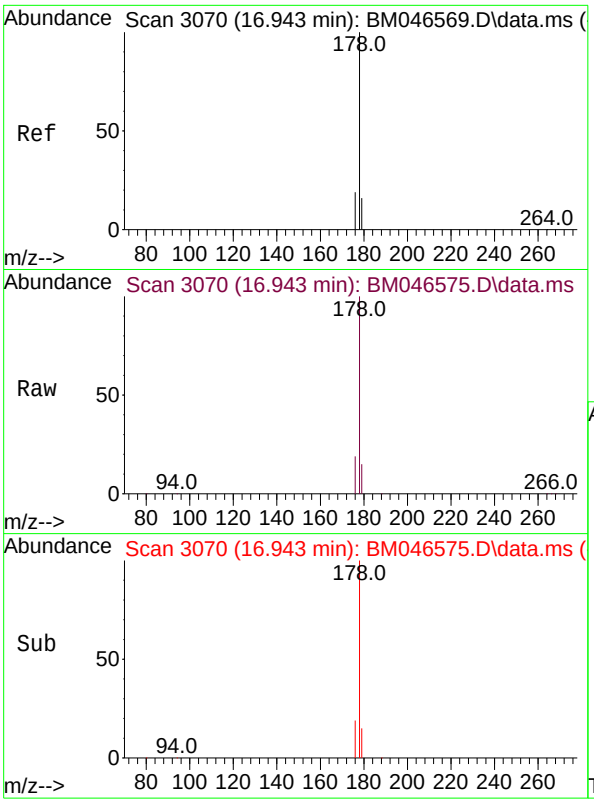


#14
Pentachlorophenol
Concen: 0.030 ng/ul
RT: 16.554 min Scan# 2978
Delta R.T. -0.000 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Tgt Ion:266 Resp: 254

Ion	Ratio	Lower	Upper
266	100		
264	64.6	50.1	75.1
268	71.3	52.5	78.7



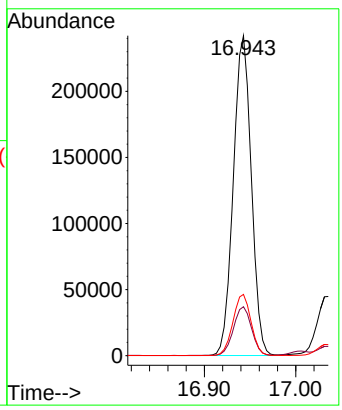


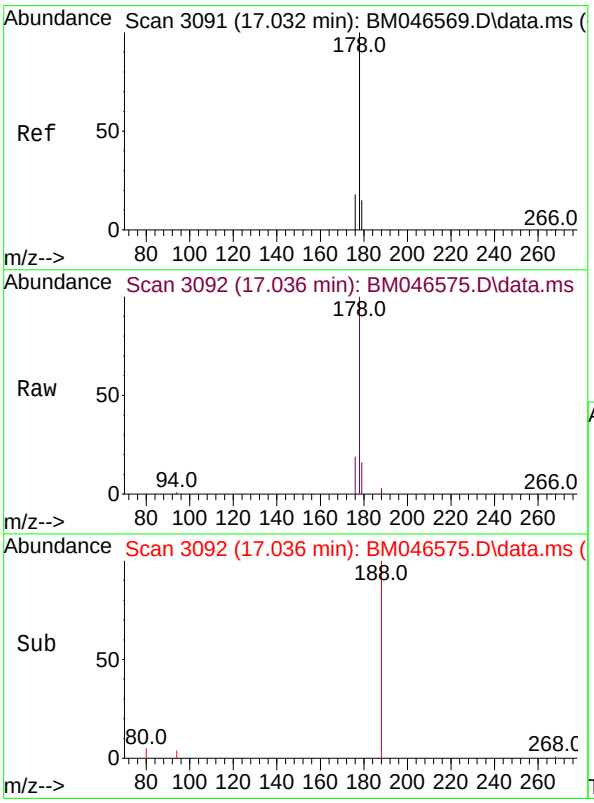
#15
Phenanthrene
Concen: 7.051 ng/ul
RT: 16.943 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Instrument :
BNA_M
ClientSampleId :
A4CY3

Tgt Ion:178 Resp: 331235

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.1	19.7
176	19.1	16.0	24.0

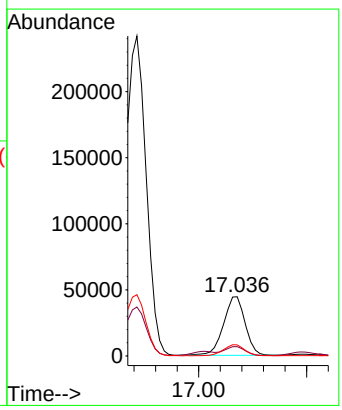


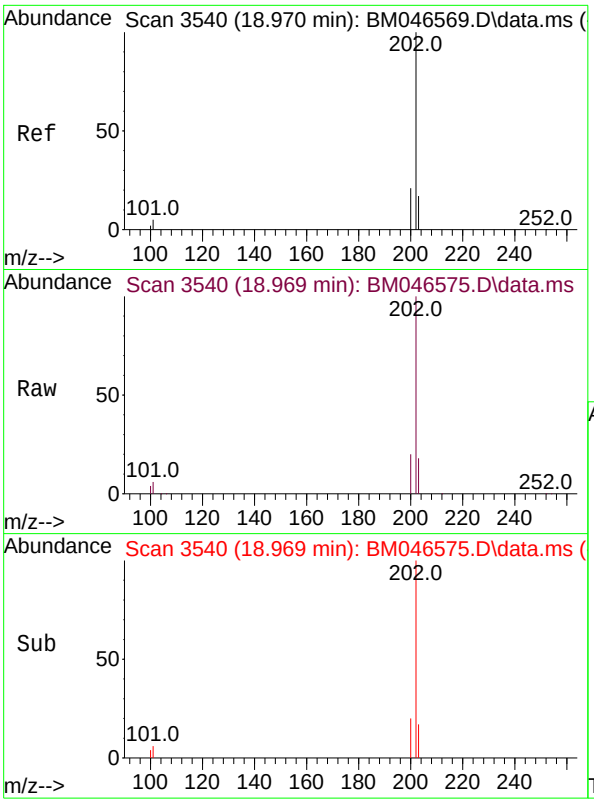


#16
Anthracene
Concen: 1.341 ng/ul
RT: 17.036 min Scan# 3092
Delta R.T. 0.004 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Tgt Ion:178 Resp: 61497

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.5	20.3
176	18.7	15.7	23.5



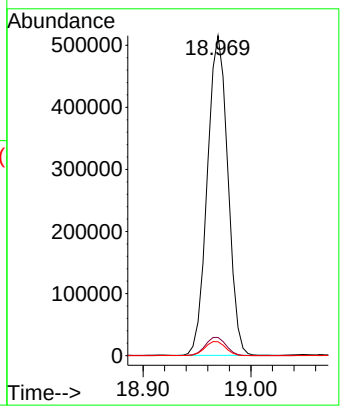


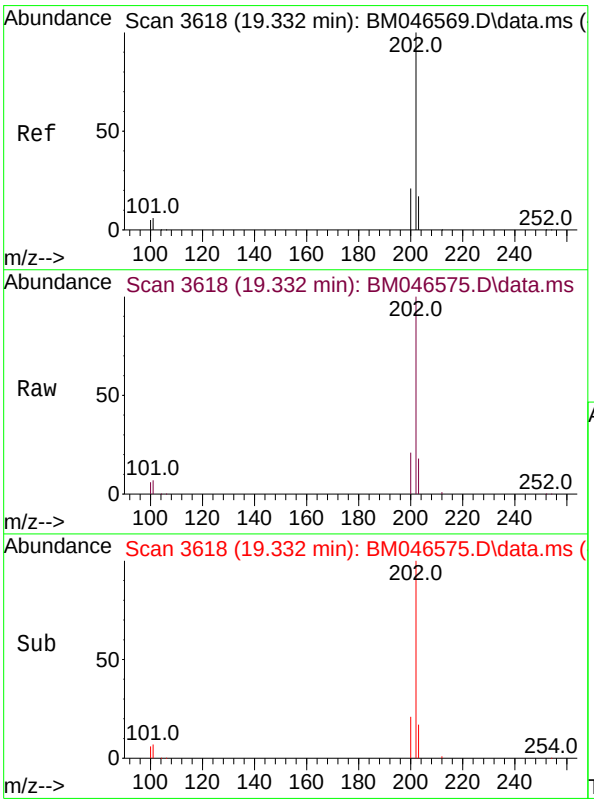
#19
Fluoranthene
Concen: 14.772 ng/ul
RT: 18.969 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Instrument :
BNA_M
ClientSampleId :
A4CY3

Tgt Ion:202 Resp: 680858

Ion	Ratio	Lower	Upper
202	100		
101	5.7	4.6	6.8
100	4.4	3.0	4.6

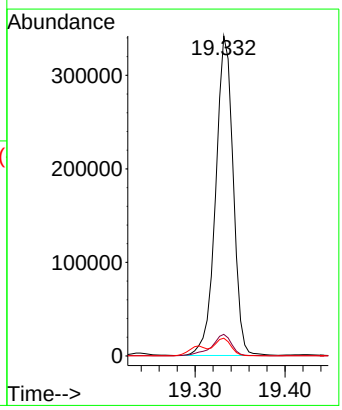


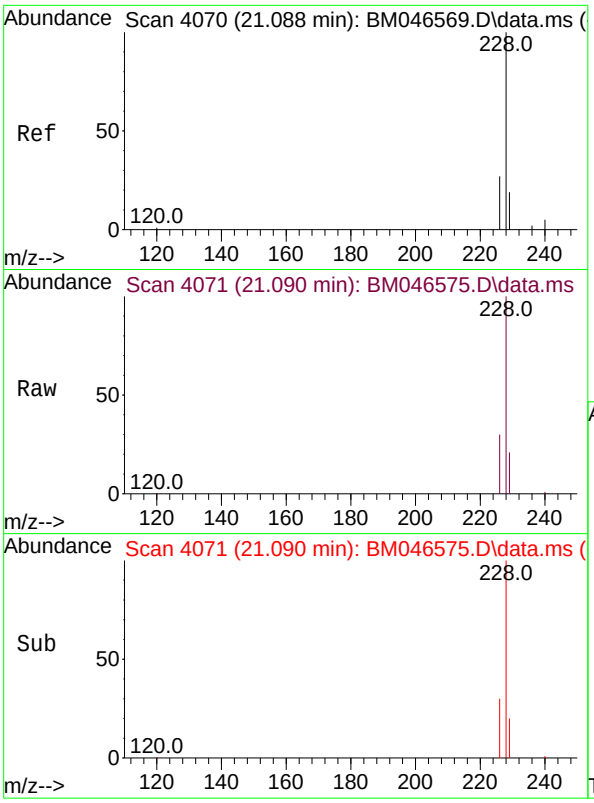


#20
Pyrene
Concen: 9.213 ng/ul
RT: 19.332 min Scan# 3618
Delta R.T. -0.000 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Tgt Ion:202 Resp: 459739

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.1	7.7
100	5.6	3.8	5.6



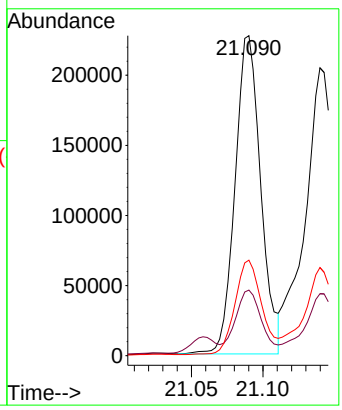


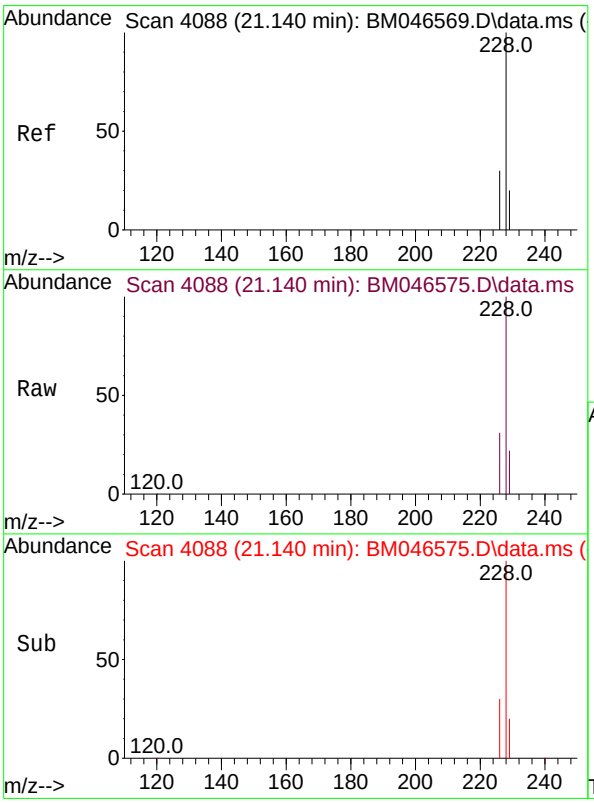
#21
Benzo(a)anthracene
Concen: 5.713 ng/ul
RT: 21.090 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Instrument :
BNA_M
ClientSampleId :
A4CY3

Tgt Ion:228 Resp: 283600

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.5	24.7
226	29.8	22.5	33.7

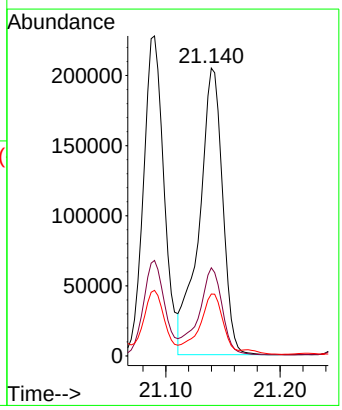


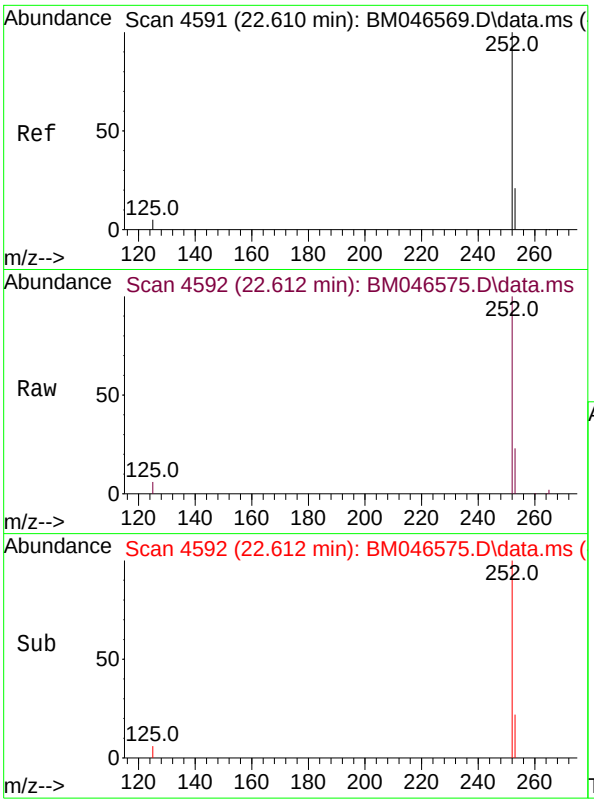


#22
Chrysene
Concen: 6.057 ng/ul
RT: 21.140 min Scan# 4088
Delta R.T. -0.000 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Tgt Ion:228 Resp: 290923

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	21.5	16.4	24.6



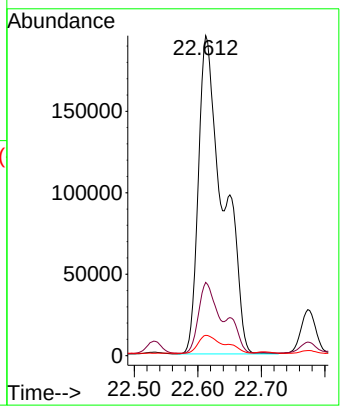


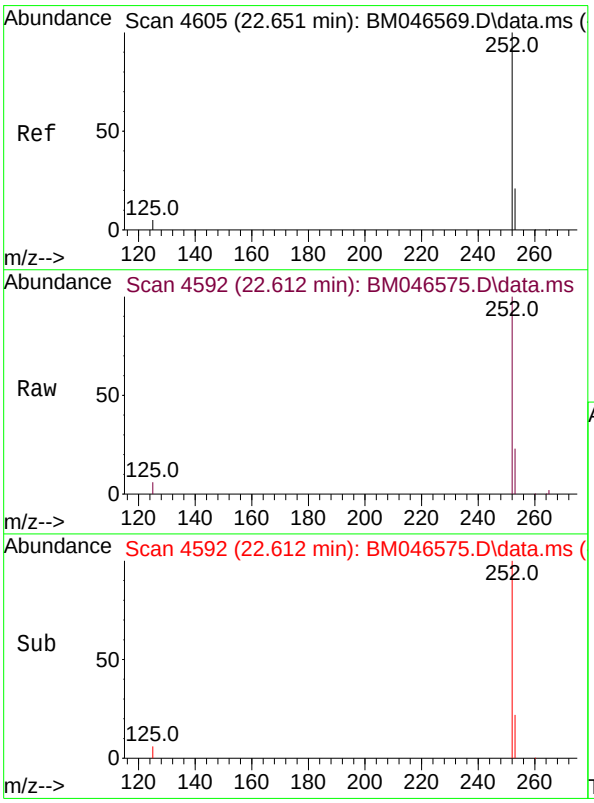
#24
Benzo(b)fluoranthene
Concen: 10.390 ng/ul
RT: 22.612 min Scan# 4
Delta R.T. 0.002 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Instrument :
BNA_M
ClientSampleId :
A4CY3

Tgt Ion:252 Resp: 527838

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	56.2
125	6.4	0.0	17.8

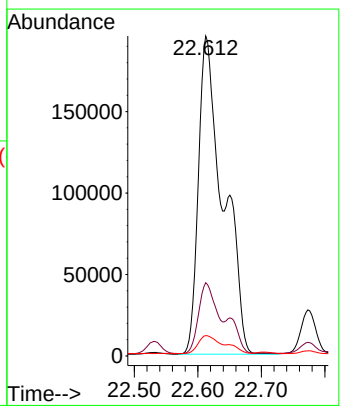


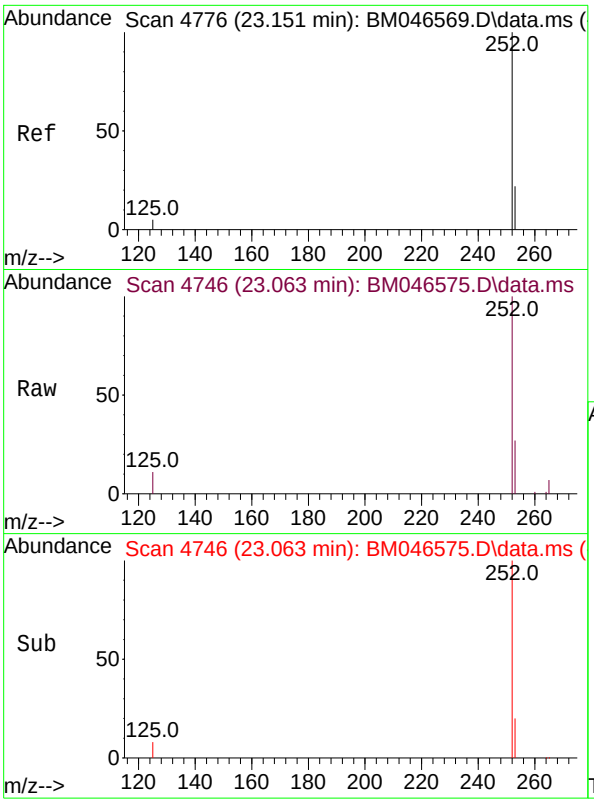


#25
Benzo(k)fluoranthene
Concen: 10.583 ng/ul
RT: 22.612 min Scan# 4592
Delta R.T. -0.038 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Tgt Ion:252 Resp: 527838

Ion	Ratio	Lower	Upper
252	100		
253	22.9	22.4	33.6
125	6.4	7.0	10.4#



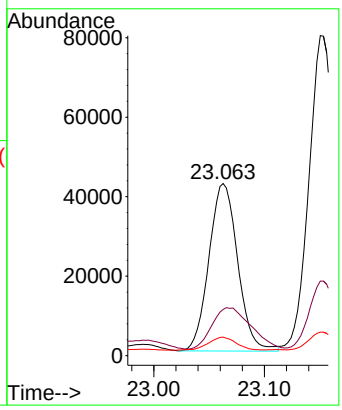


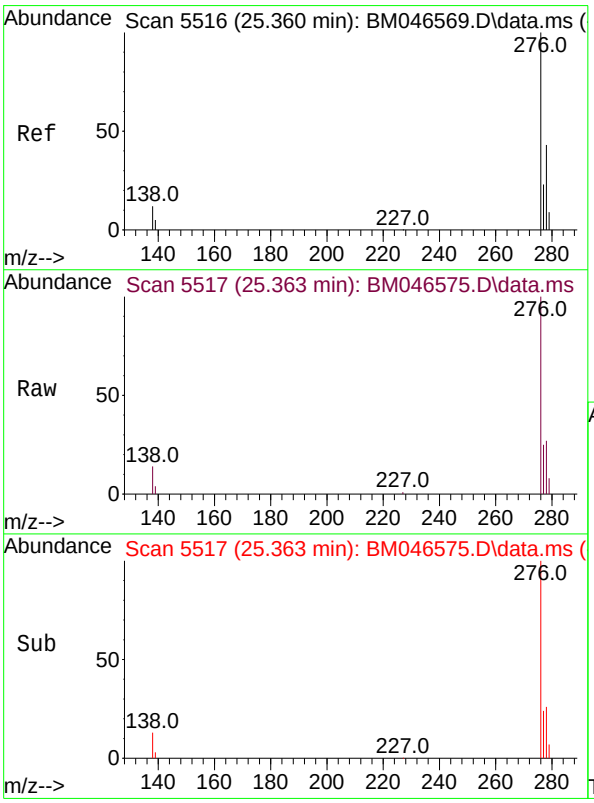
#26
Benzo(a)pyrene
Concen: 1.823 ng/ul
RT: 23.063 min Scan# 4
Delta R.T. -0.088 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Instrument :
BNA_M
ClientSampleId :
A4CY3

Tgt Ion:252 Resp: 76233

Ion	Ratio	Lower	Upper
252	100		
253	26.9	24.0	36.0
125	10.7	8.2	12.2

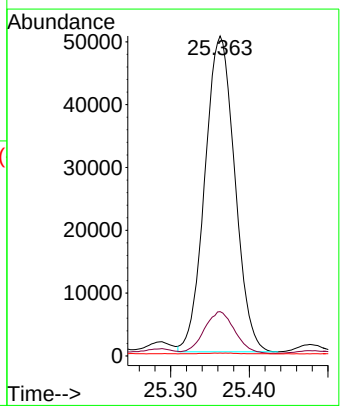


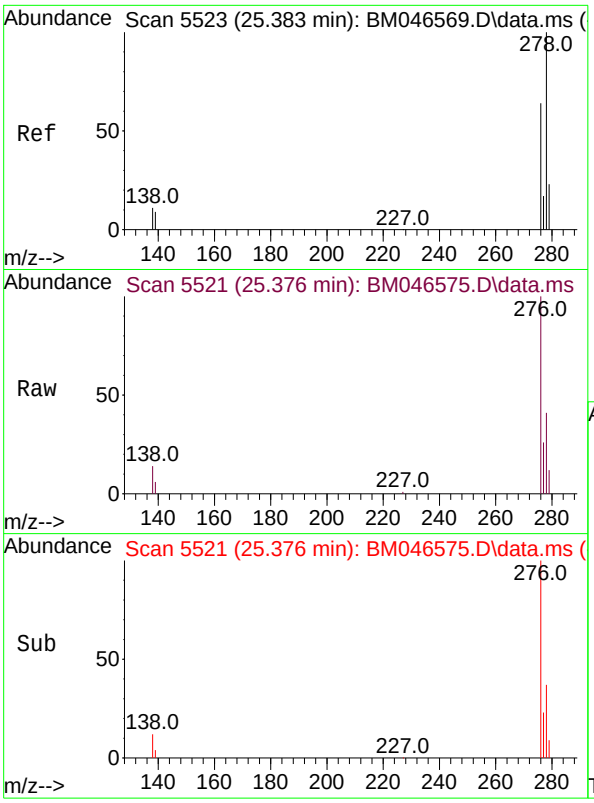


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.089 ng/ul
RT: 25.363 min Scan# 5517
Delta R.T. 0.003 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Tgt Ion:276 Resp: 132919

Ion	Ratio	Lower	Upper
276	100		
138	13.5	0.0	0.0#
227	0.2	0.2	0.2#



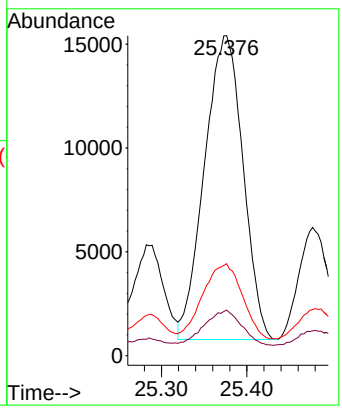


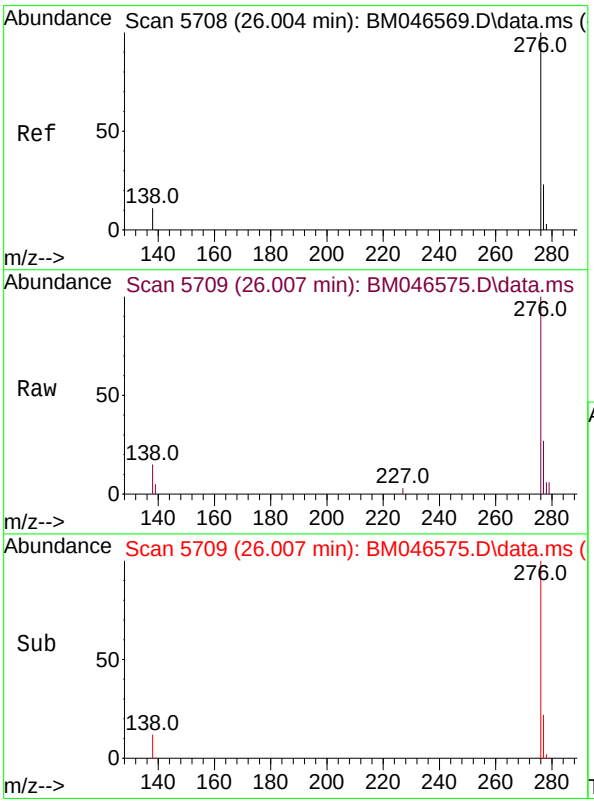
#28
Dibenzo(a,h)anthracene
Concen: 0.910 ng/ul
RT: 25.376 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Instrument :
BNA_M
ClientSampleId :
A4CY3

Tgt Ion:278 Resp: 45846

Ion	Ratio	Lower	Upper
278	100		
139	14.2	9.1	13.7#
279	28.8	23.2	34.8





#29
Benzo(g,h,i)perylene
Concen: 0.595 ng/ul
RT: 26.007 min Scan# 5709
Delta R.T. 0.003 min
Lab File: BM046575.D
Acq: 13 Jul 2024 10:13

Tgt Ion:276 Resp: 30201

Ion	Ratio	Lower	Upper
276	100		
138	15.5	10.2	15.4#
277	26.8	20.9	31.3