Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046572.D
Acq On : 13 Jul 2024 08:23
Operator : MA/JU
Sample : P3088-03MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CC5MS

Quant Time: Jul 15 08:59:29 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

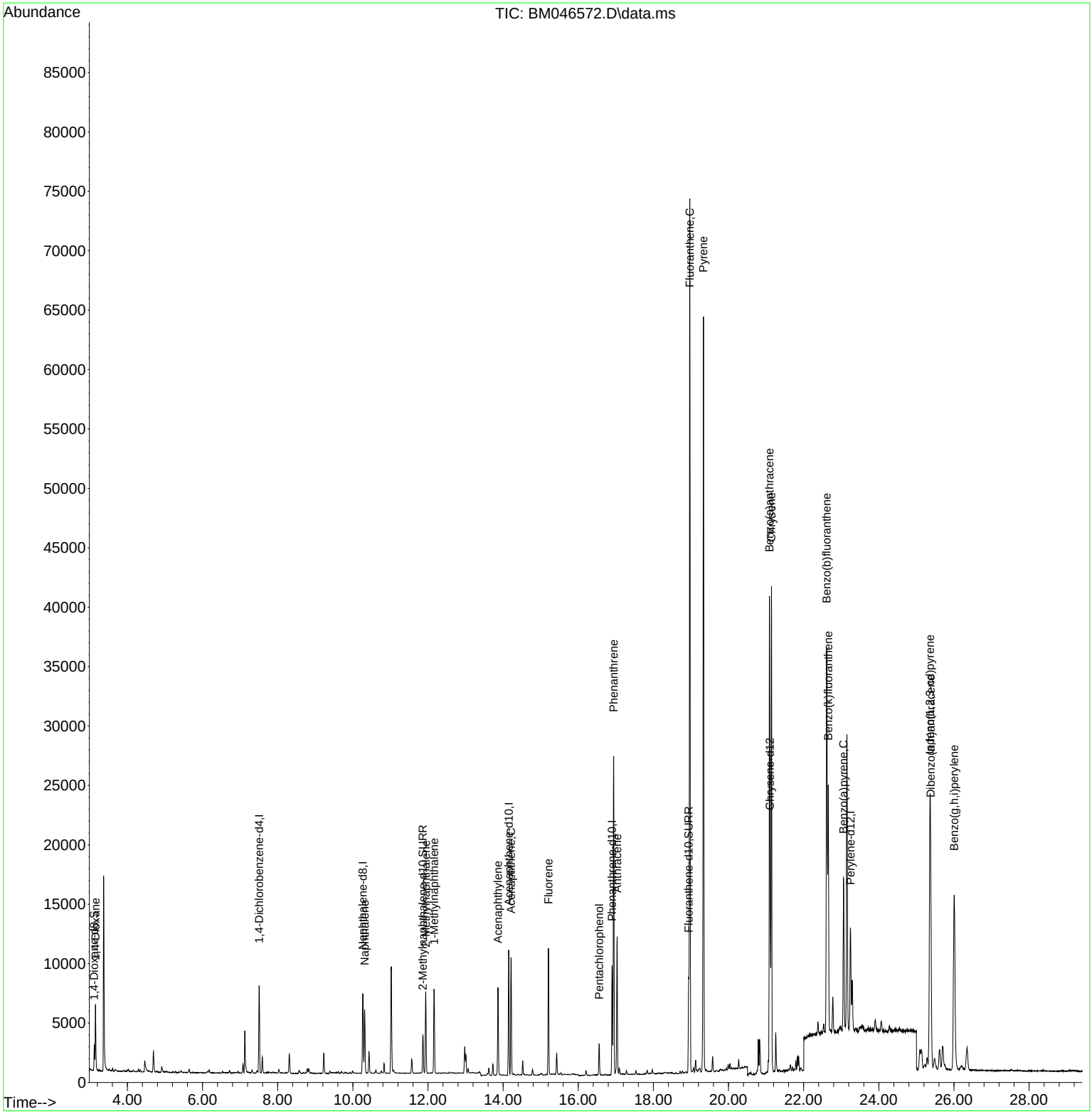
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	3627	0.400	ng/ul	0.00
4) Naphthalene-d8	10.264	136	9181	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.149	164	5634	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.899	188	11543	0.400	ng/ul	0.00
17) Chrysene-d12	21.105	240	9166	0.400	ng/ul	0.00
23) Perylene-d12	23.247	264	10781	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	1285	0.431	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.864	152	4153	0.281	ng/ul	0.00
18) Fluoranthene-d10	18.940	212	9305	0.334	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.151	88	3478	1.094	ng/ul#	70
5) Naphthalene	10.314	128	6958	0.298	ng/ul	98
7) 2-Methylnaphthalene	11.941	142	4776	0.291	ng/ul	100
8) 1-Methylnaphthalene	12.161	142	4678	0.279	ng/ul	100
10) Acenaphthylene	13.862	152	8380	0.327	ng/ul	98
11) Acenaphthene	14.209	153	5603	0.326	ng/ul	96
12) Fluorene	15.208	166	6668	0.314	ng/ul	99
14) Pentachlorophenol	16.557	266	1705	0.291	ng/ul	98
15) Phenanthrene	16.941	178	27681	0.840	ng/ul	98
16) Anthracene	17.034	178	11712	0.364	ng/ul	99
19) Fluoranthene	18.968	202	63637	1.690	ng/ul	99
20) Pyrene	19.331	202	57139	1.402	ng/ul	99
21) Benzo(a)anthracene	21.091	228	31989	0.789	ng/ul	99
22) Chrysene	21.143	228	35969	0.917	ng/ul	100
24) Benzo(b)fluoranthene	22.613	252	47645	1.106	ng/ul	92
25) Benzo(k)fluoranthene	22.654	252	24115	0.570	ng/ul	95
26) Benzo(a)pyrene	23.060	252	17301	0.488	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.363	276	34379	0.637	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.380	278	16277	0.381	ng/ul	97
29) Benzo(g,h,i)perylene	26.007	276	31397	0.730	ng/ul	97

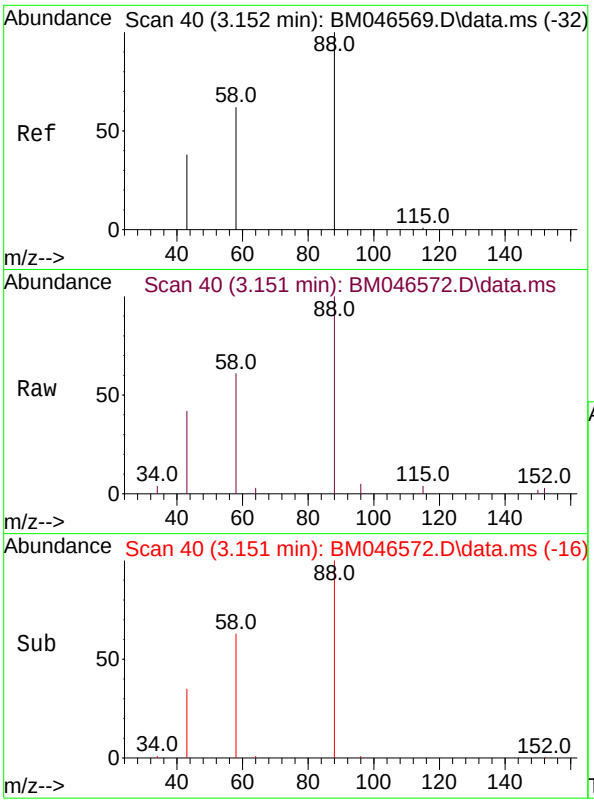
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071224\
Data File : BM046572.D
Acq On : 13 Jul 2024 08:23
Operator : MA/JU
Sample : P3088-03MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CC5MS

Quant Time: Jul 15 08:59:29 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



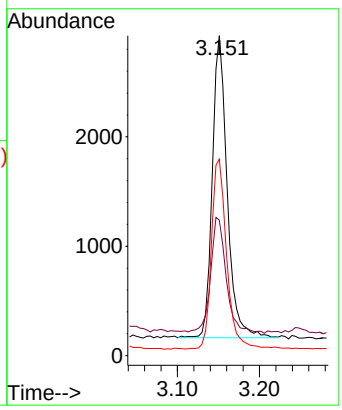


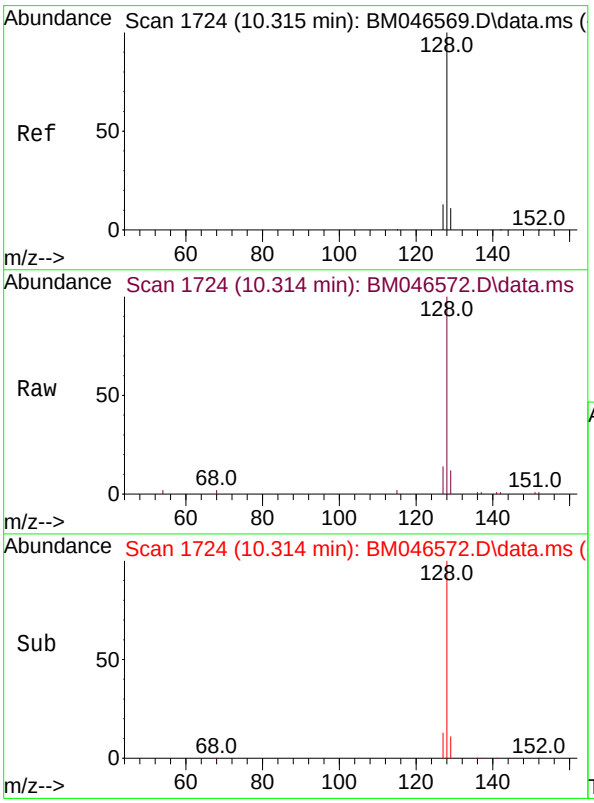
#2
1,4-Dioxane
Concen: 1.094 ng/ul
RT: 3.151 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Instrument :
BNA_M
ClientSampleId :
A4CC5MS

Tgt Ion: 88 Resp: 3478

Ion	Ratio	Lower	Upper
88	100		
43	42.3	70.2	105.4#
58	61.4	48.2	72.4

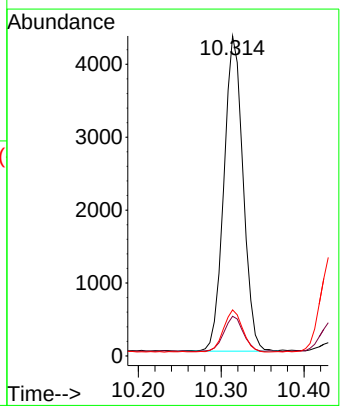


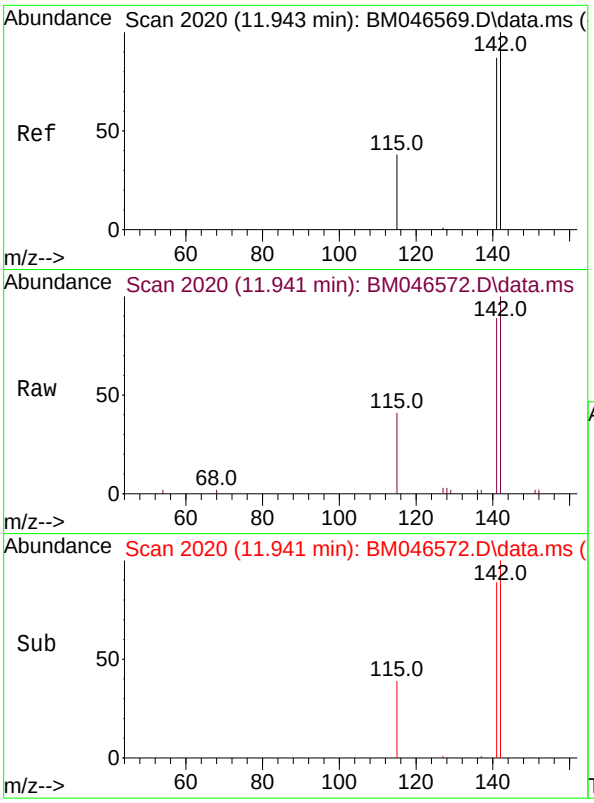


#5
Naphthalene
Concen: 0.298 ng/ul
RT: 10.314 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Tgt Ion:128 Resp: 6958

Ion	Ratio	Lower	Upper
128	100		
129	12.4	10.3	15.5
127	14.4	12.2	18.4



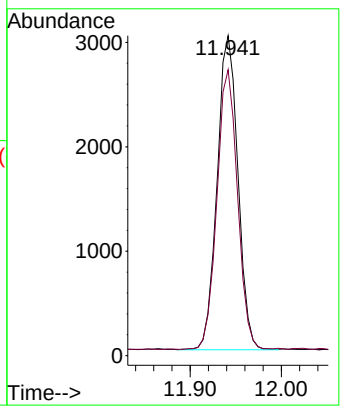


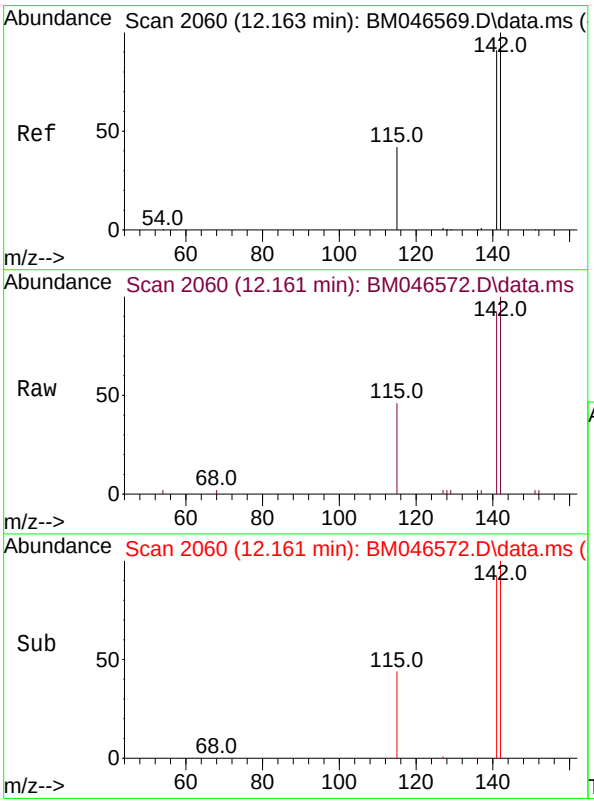
#7
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 11.941 min Scan# 2
Delta R.T. -0.002 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Instrument :
BNA_M
ClientSampleId :
A4CC5MS

Tgt Ion:142 Resp: 4776

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.3	105.5

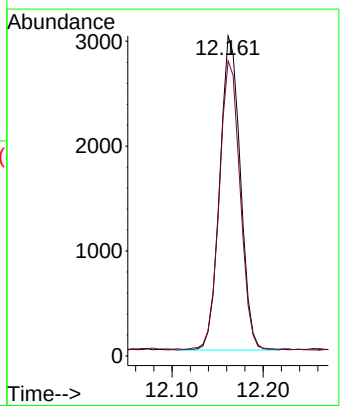


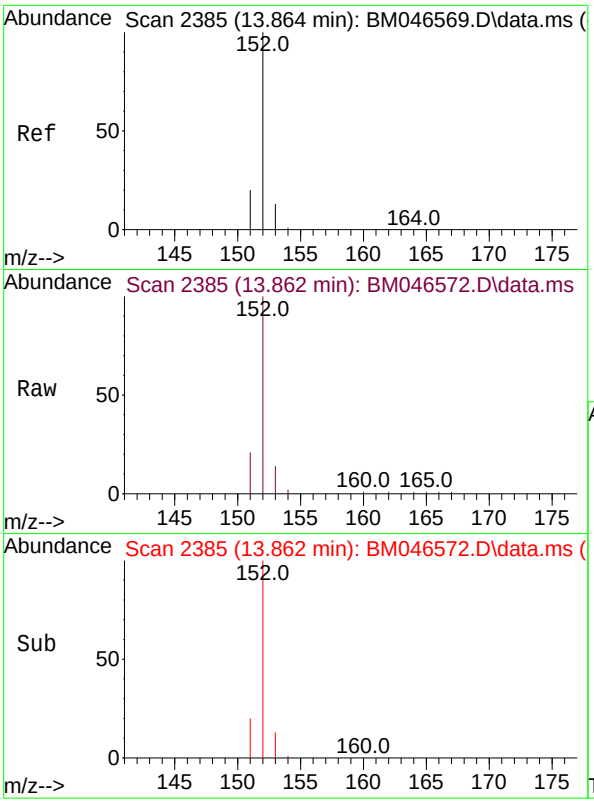


#8
1-Methylnaphthalene
Concen: 0.279 ng/ul
RT: 12.161 min Scan# 2060
Delta R.T. -0.002 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Tgt Ion:142 Resp: 4678

Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.9	110.9



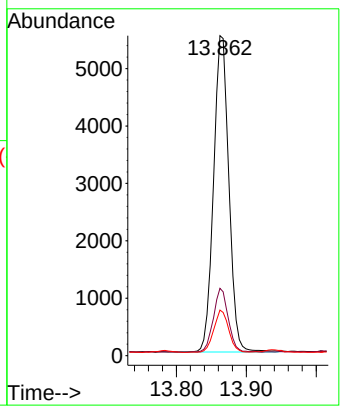


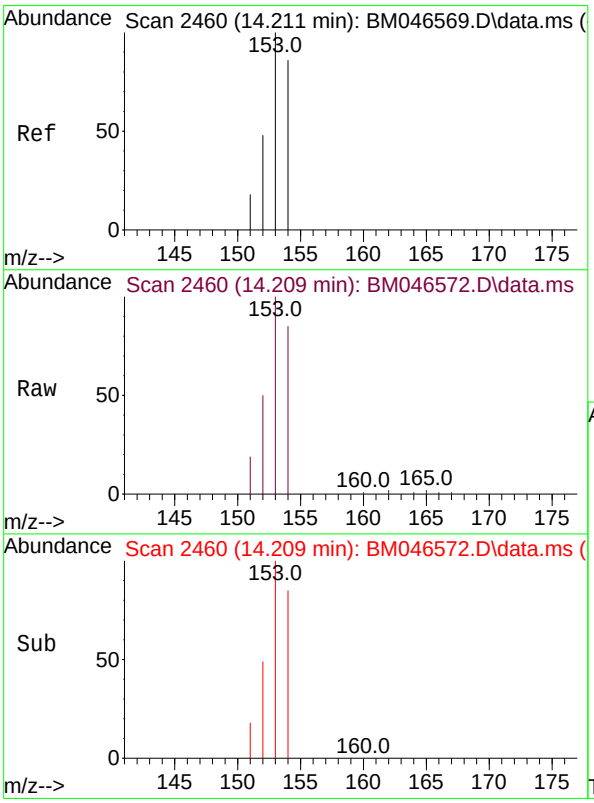
#10
Acenaphthylene
Concen: 0.327 ng/ul
RT: 13.862 min Scan# 2
Delta R.T. -0.002 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Instrument :
BNA_M
ClientSampleId :
A4CC5MS

Tgt Ion:152 Resp: 8380

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.4	24.6
153	14.2	12.4	18.6

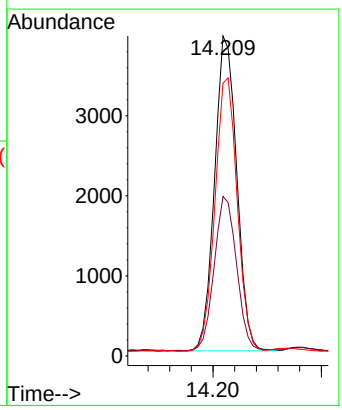


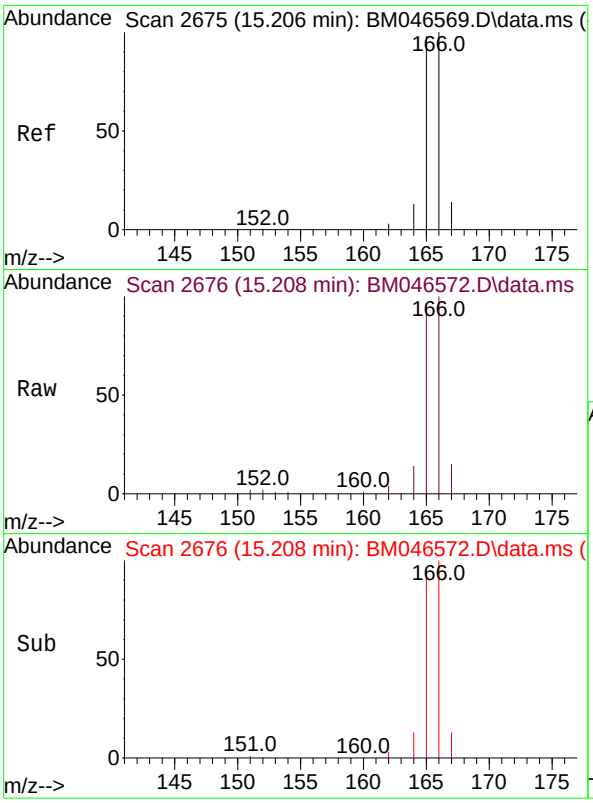


#11
Acenaphthene
Concen: 0.326 ng/ul
RT: 14.209 min Scan# 2460
Delta R.T. -0.002 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Tgt Ion:153 Resp: 5603

Ion	Ratio	Lower	Upper
153	100		
152	49.8	43.0	64.6
154	85.3	69.9	104.9



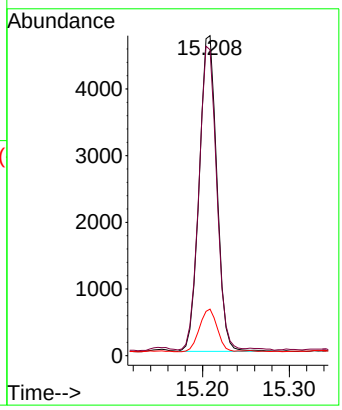


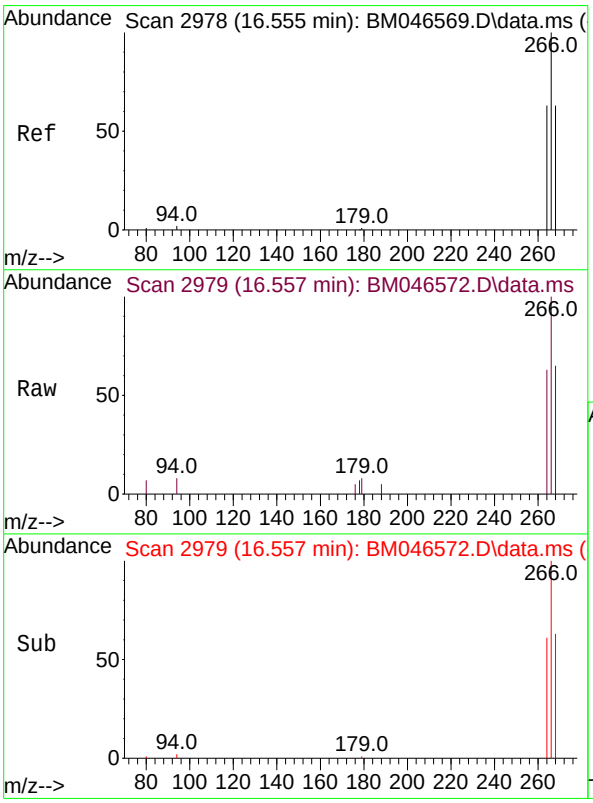
#12
Fluorene
Concen: 0.314 ng/ul
RT: 15.208 min Scan# 2
Delta R.T. 0.003 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Instrument :
BNA_M
ClientSampleId :
A4CC5MS

Tgt Ion:166 Resp: 6668

Ion	Ratio	Lower	Upper
166	100		
165	95.6	76.1	114.1
167	14.5	12.5	18.7

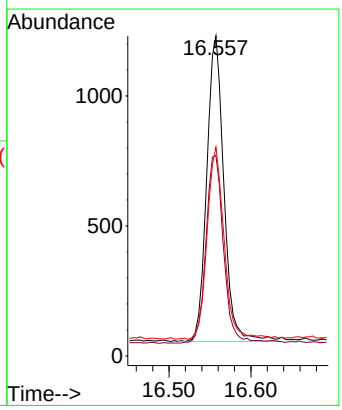


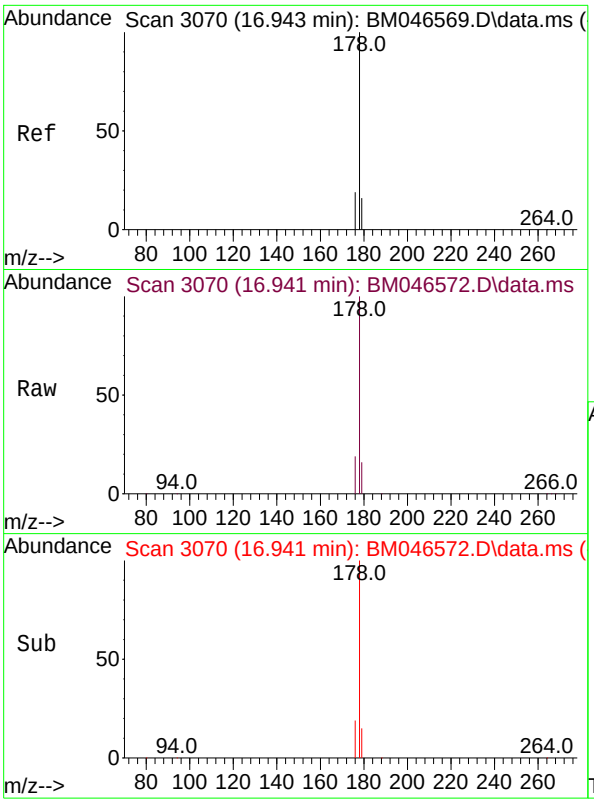


#14
Pentachlorophenol
Concen: 0.291 ng/ul
RT: 16.557 min Scan# 2979
Delta R.T. 0.002 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Tgt Ion:266 Resp: 1705

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.1	75.1
268	62.8	52.5	78.7



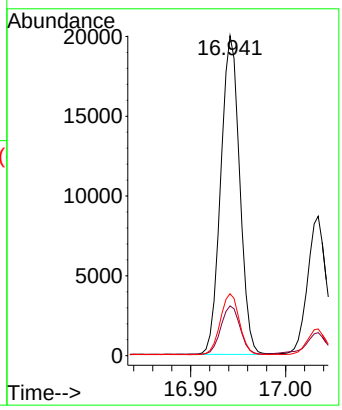


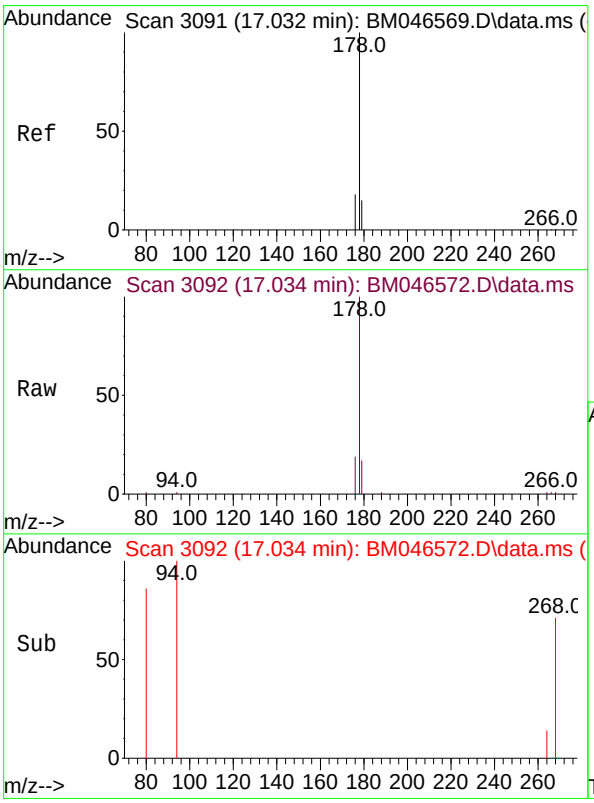
#15
Phenanthrene
Concen: 0.840 ng/ul
RT: 16.941 min Scan# 3
Delta R.T. -0.002 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Instrument :
BNA_M
ClientSampleId :
A4CC5MS

Tgt Ion:178 Resp: 27681

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.1	19.7
176	19.4	16.0	24.0

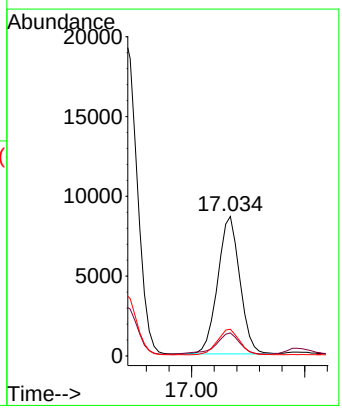


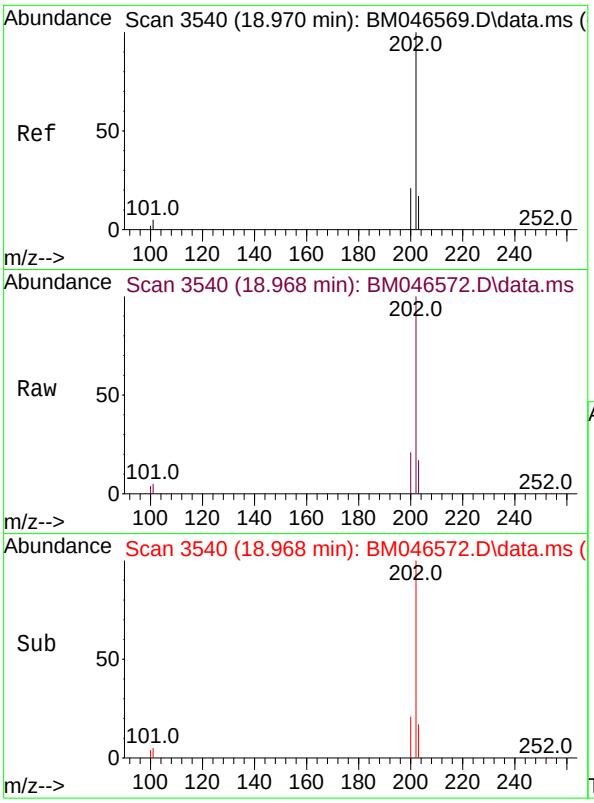


#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.034 min Scan# 3092
Delta R.T. 0.002 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Tgt Ion:178 Resp: 11712

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.5	20.3
176	19.2	15.7	23.5



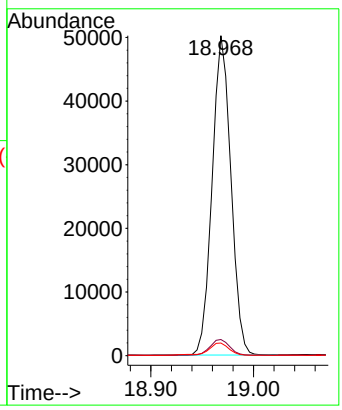


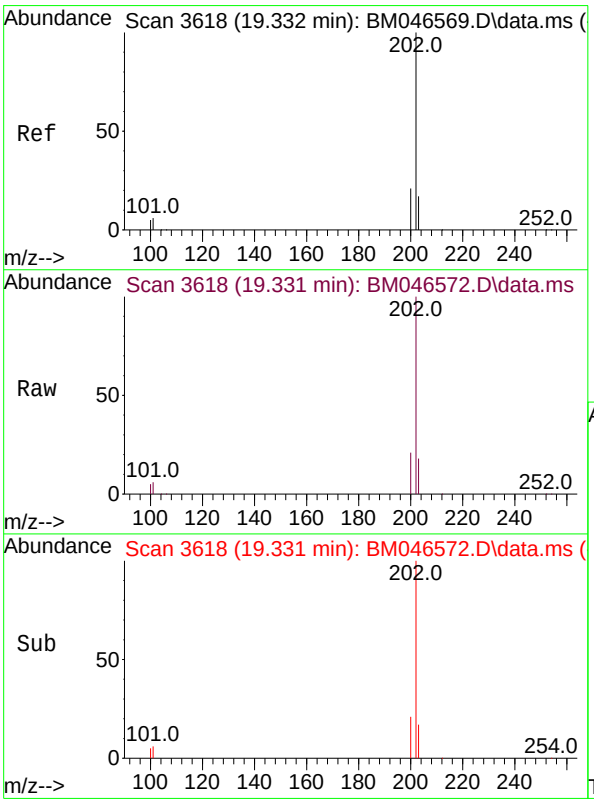
#19
Fluoranthene
Concen: 1.690 ng/ul
RT: 18.968 min Scan# 3
Delta R.T. -0.002 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Instrument :
BNA_M
ClientSampleId :
A4CC5MS

Tgt Ion:202 Resp: 63637

Ion	Ratio	Lower	Upper
202	100		
101	5.1	4.6	6.8
100	3.9	3.0	4.6

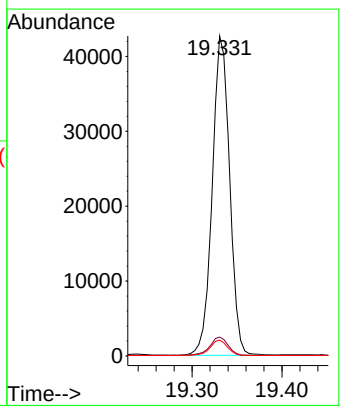


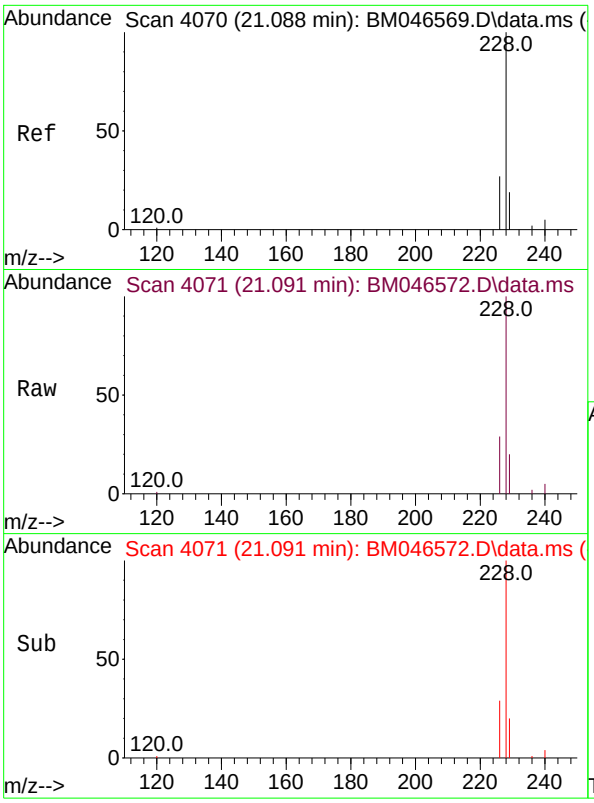


#20
Pyrene
Concen: 1.402 ng/ul
RT: 19.331 min Scan# 3618
Delta R.T. -0.002 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Tgt Ion:202 Resp: 57139

Ion	Ratio	Lower	Upper
202	100		
101	5.9	5.1	7.7
100	5.0	3.8	5.6



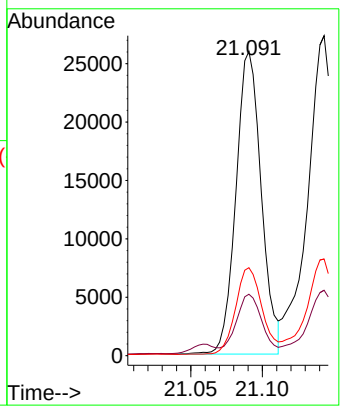


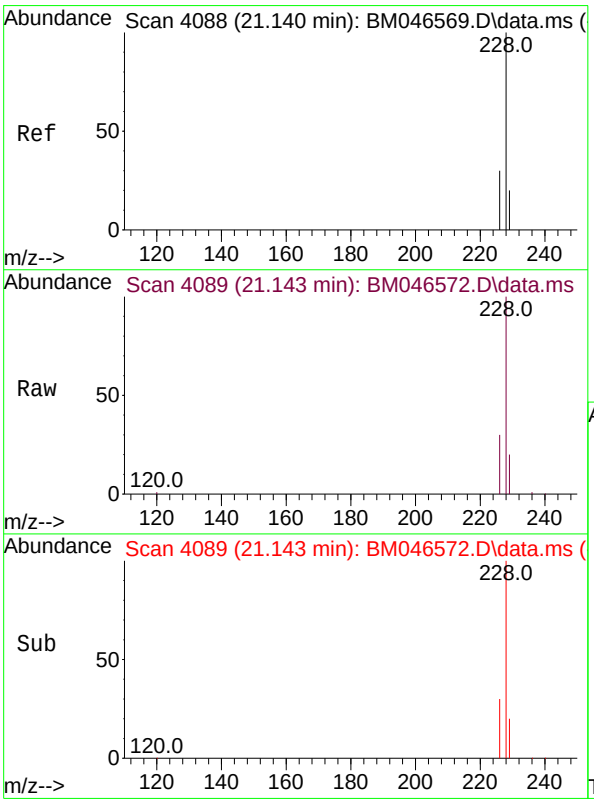
#21
Benzo(a)anthracene
Concen: 0.789 ng/ul
RT: 21.091 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Instrument :
BNA_M
ClientSampleId :
A4CC5MS

Tgt Ion:228 Resp: 31989

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.5	24.7
226	28.9	22.5	33.7

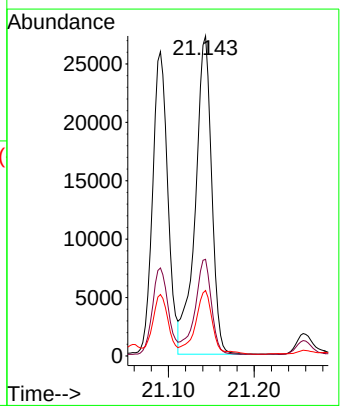


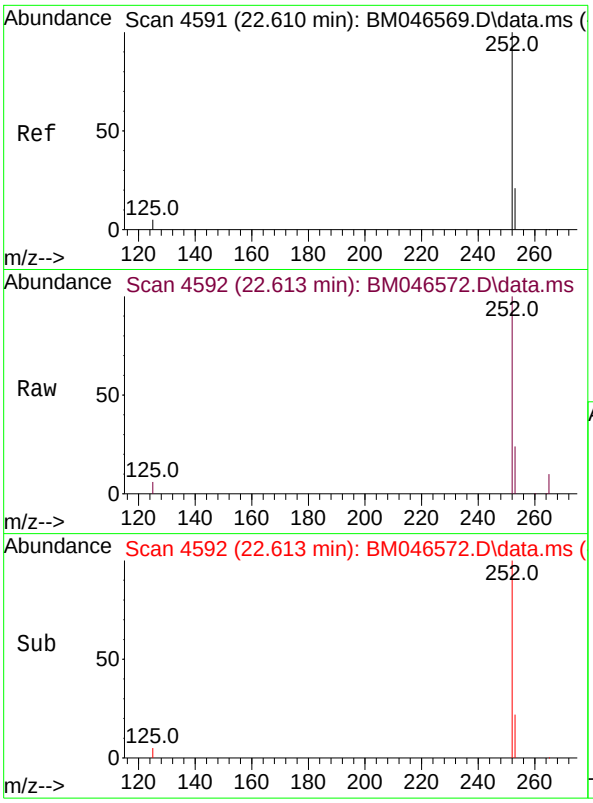


#22
Chrysene
Concen: 0.917 ng/ul
RT: 21.143 min Scan# 4089
Delta R.T. 0.003 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Tgt Ion:228 Resp: 35969

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	20.5	16.4	24.6



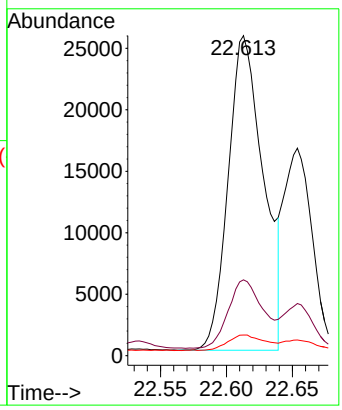


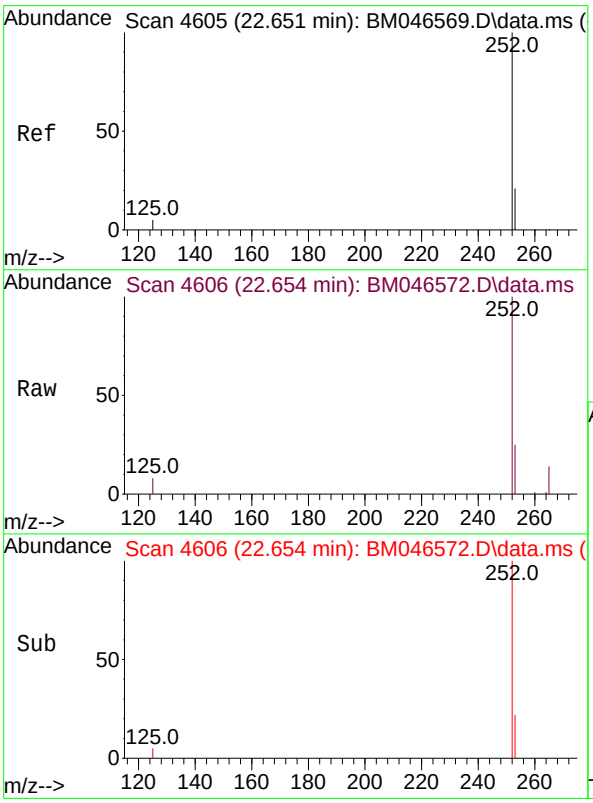
#24
Benzo(b)fluoranthene
Concen: 1.106 ng/ul
RT: 22.613 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Instrument :
BNA_M
ClientSampleId :
A4CC5MS

Tgt Ion:252 Resp: 47645

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	56.2
125	6.5	0.0	17.8

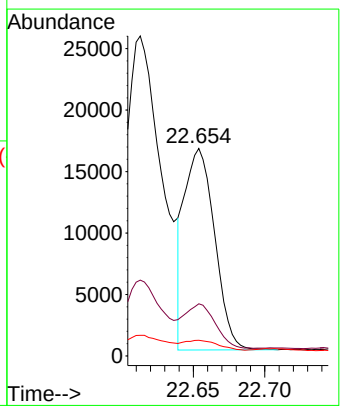


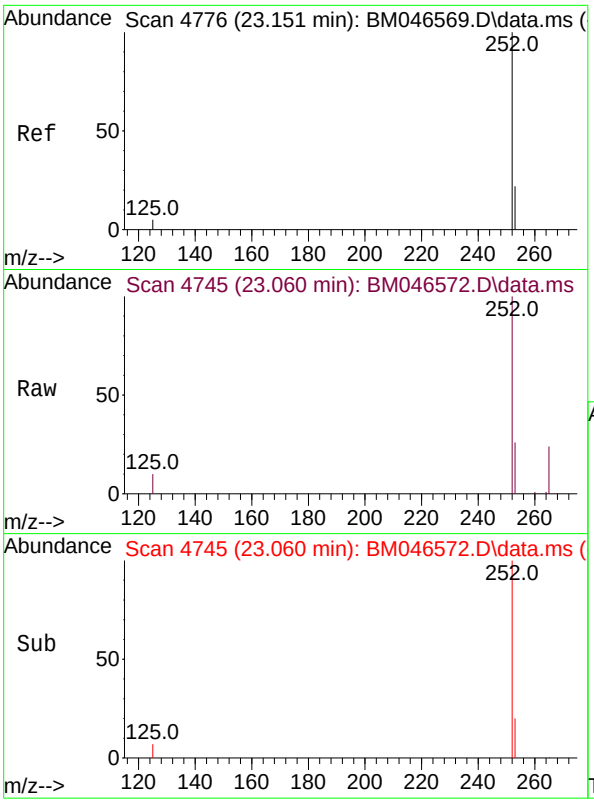


#25
Benzo(k)fluoranthene
Concen: 0.570 ng/ul
RT: 22.654 min Scan# 4606
Delta R.T. 0.003 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Tgt Ion:252 Resp: 24115

Ion	Ratio	Lower	Upper
252	100		
253	25.2	22.4	33.6
125	7.5	7.0	10.4



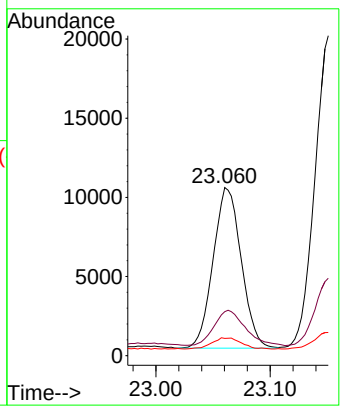


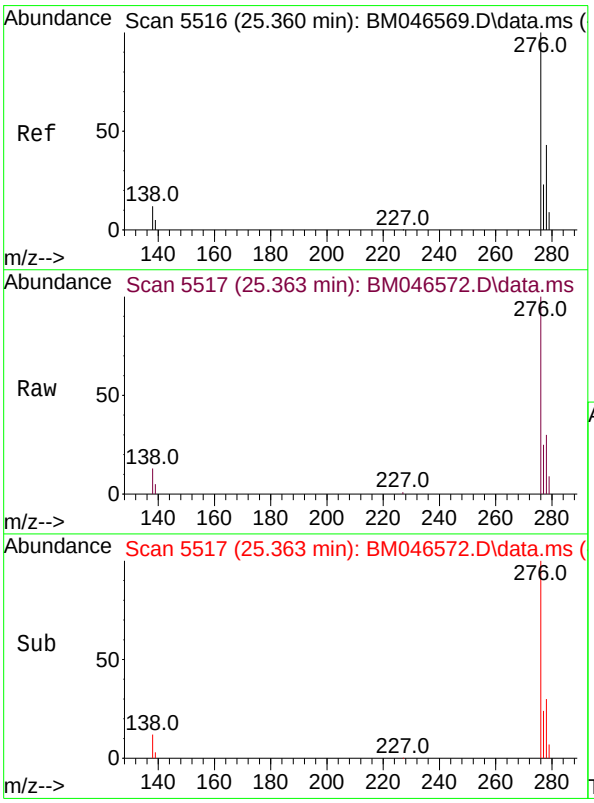
#26
Benzo(a)pyrene
Concen: 0.488 ng/ul
RT: 23.060 min Scan# 4
Delta R.T. -0.091 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Instrument :
BNA_M
ClientSampleId :
A4CC5MS

Tgt Ion:252 Resp: 17301

Ion	Ratio	Lower	Upper
252	100		
253	26.2	24.0	36.0
125	10.3	8.2	12.2

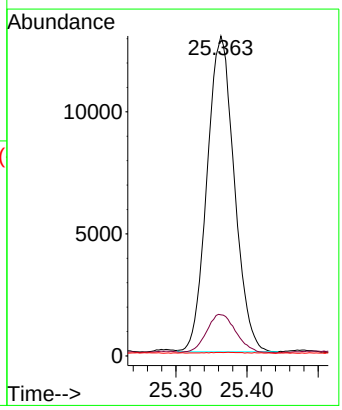


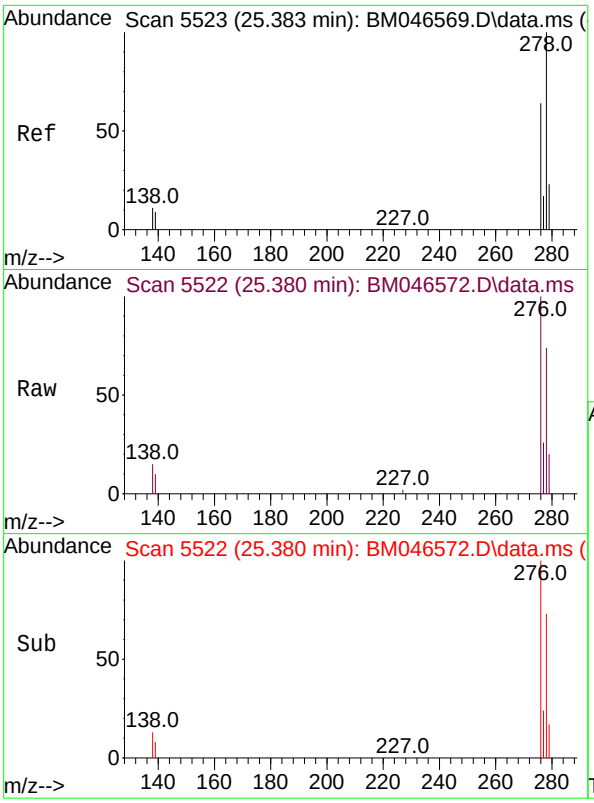


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.637 ng/ul
RT: 25.363 min Scan# 5517
Delta R.T. 0.003 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Tgt Ion:276 Resp: 34379

Ion	Ratio	Lower	Upper
276	100		
138	13.2	0.0	0.0#
227	0.2	0.2	0.2



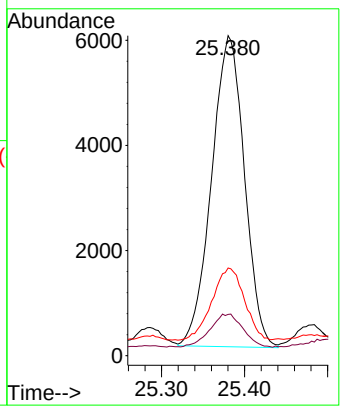


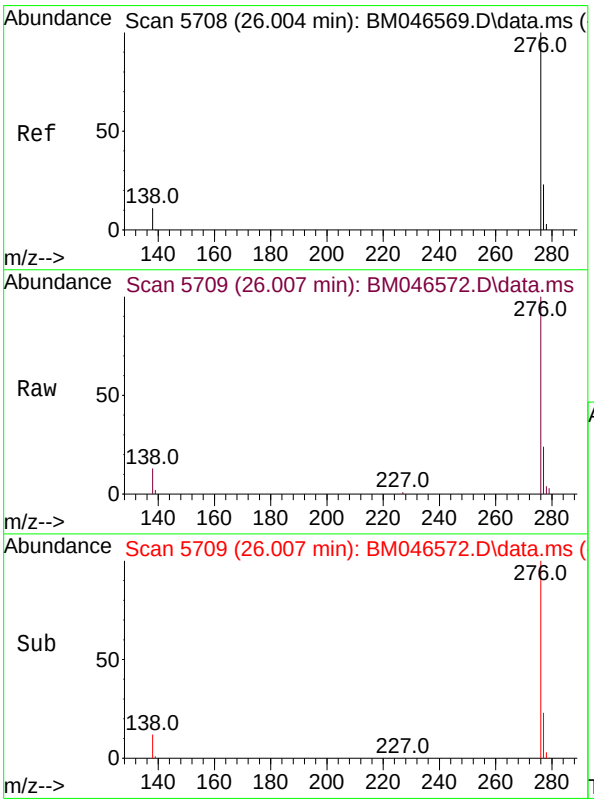
#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 25.380 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Instrument :
BNA_M
ClientSampleId :
A4CC5MS

Tgt Ion:278 Resp: 16277

Ion	Ratio	Lower	Upper
278	100		
139	12.9	9.1	13.7
279	27.4	23.2	34.8





#29
Benzo(g,h,i)perylene
Concen: 0.730 ng/ul
RT: 26.007 min Scan# 5709
Delta R.T. 0.003 min
Lab File: BM046572.D
Acq: 13 Jul 2024 08:23

Tgt Ion:276 Resp: 31397

Ion	Ratio	Lower	Upper
276	100		
138	13.1	10.2	15.4
277	24.2	20.9	31.3