Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045451.D
Acq On : 21 Apr 2024 07:57
Operator : MA/JU
Sample : PB160406BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 22 01:28:59 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 : Sun Apr 21 05:11:22 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.585	152	665	0.400	ng/ul	0.00
4) Naphthalene-d8	10.358	136	2041	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.219	164	1148	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.993	188	2300	0.400	ng/ul	-0.01
17) Chrysene-d12	21.208	240	1286	0.400	ng/ul	0.00
23) Perylene-d12	23.406	264	1574	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	800	0.898	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.969	152	1251	0.465	ng/ul	-0.01
18) Fluoranthene-d10	19.029	212	2296	0.567	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.201	88	2178	2.540	ng/ul#	82
5) Naphthalene	10.413	128	2529	0.461	ng/ul	98
7) 2-Methylnaphthalene	12.041	142	1571	0.502	ng/ul	99
8) 1-Methylnaphthalene	12.244	142	1673	0.477	ng/ul	97
10) Acenaphthylene	13.946	152	2757	0.487	ng/ul	98
11) Acenaphthene	14.284	153	2060	0.490	ng/ul	98
12) Fluorene	15.297	166	2291	0.509	ng/ul	97
14) Pentachlorophenol	16.659	266	454	0.990	ng/ul	91
15) Phenanthrene	17.035	178	3403	0.508	ng/ul	99
16) Anthracene	17.145	178	3196	0.510	ng/ul	97
19) Fluoranthene	19.062	202	3561	0.600	ng/ul	97
20) Pyrene	19.429	202	3623	0.594	ng/ul	98
21) Benzo(a)anthracene	21.199	228	2271	0.552	ng/ul	96
22) Chrysene	21.246	228	3358	0.531	ng/ul	99
24) Benzo(b)fluoranthene	22.748	252	3004	0.567	ng/ul	98
25) Benzo(k)fluoranthene	22.792	252	3732	0.558	ng/ul	98
26) Benzo(a)pyrene	23.318	252	3059	0.557	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.609	276	4426	0.555	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.635	278	3504	0.554	ng/ul	99
29) Benzo(g,h,i)perylene	26.276	276	3963	0.553	ng/ul	98

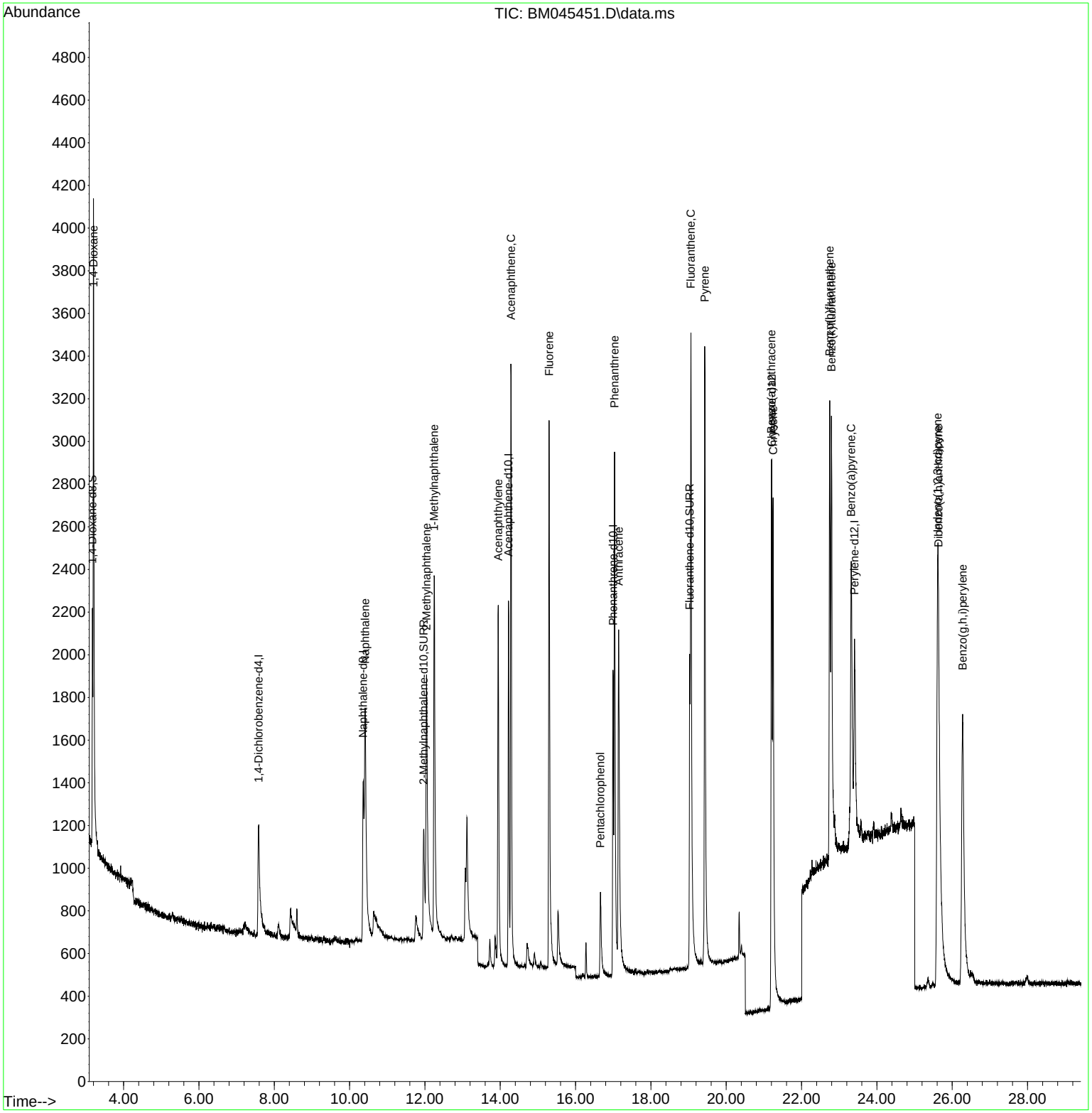
(#) = qualifier out of range (m) = manual integration (+) = signals summed

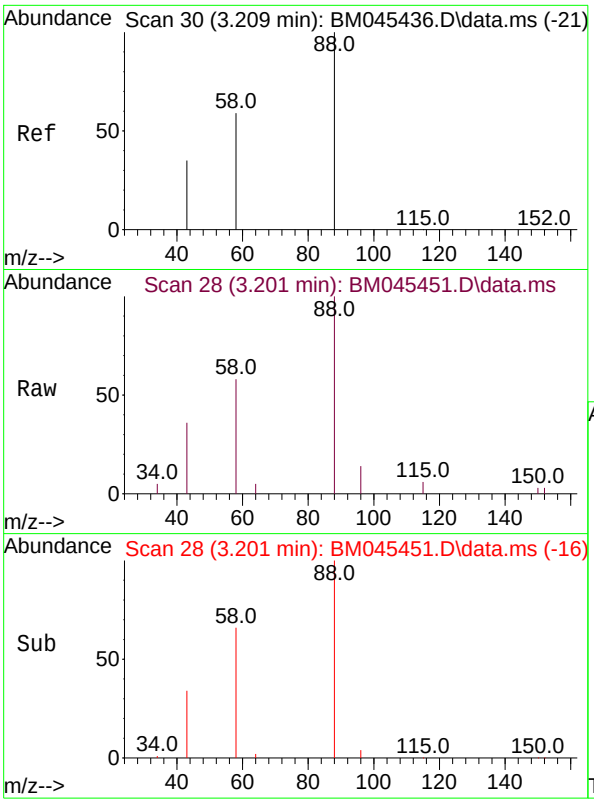
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045451.D
Acq On : 21 Apr 2024 07:57
Operator : MA/JU
Sample : PB160406BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 22 01:28:59 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 : Sun Apr 21 05:11:22 2024
Response via : Initial Calibration



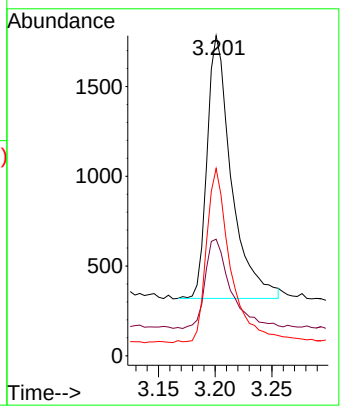


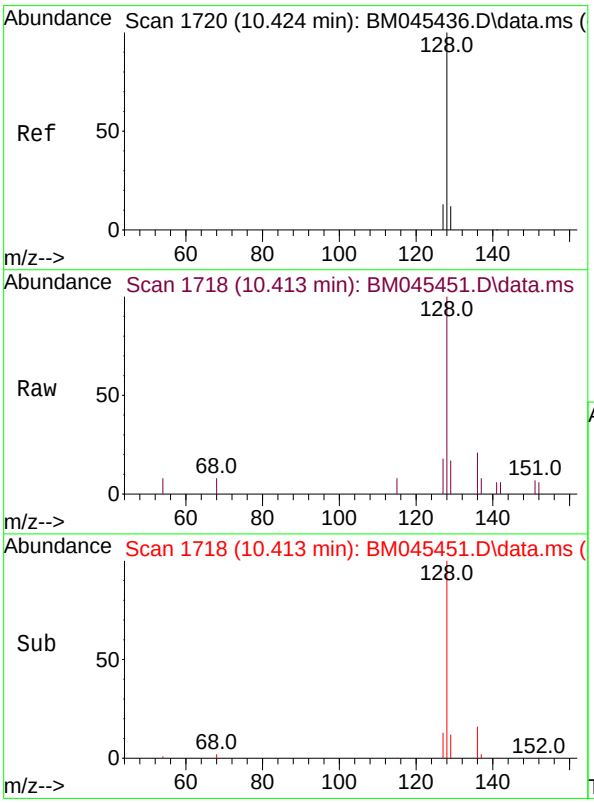
#2
1,4-Dioxane
Concen: 2.540 ng/ul
RT: 3.201 min Scan# 2
Delta R.T. -0.008 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 2178

Ion	Ratio	Lower	Upper
88	100		
43	36.4	36.8	55.2#
58	58.5	35.4	53.2#

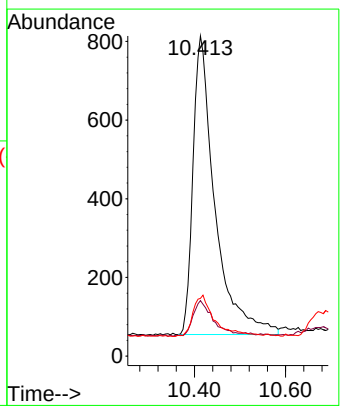


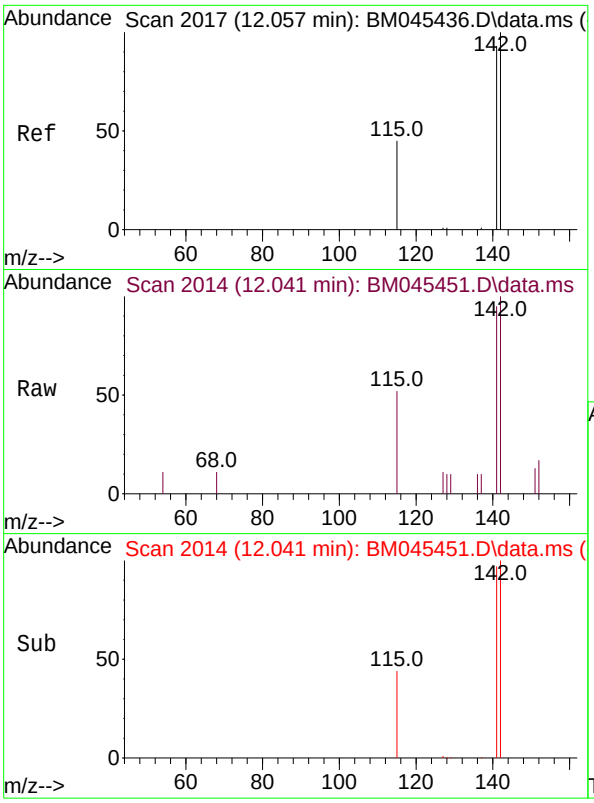


#5
Naphthalene
Concen: 0.461 ng/ul
RT: 10.413 min Scan# 1718
Delta R.T. -0.011 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Tgt Ion:128 Resp: 2529

Ion	Ratio	Lower	Upper
128	100		
129	17.3	14.0	21.0
127	18.1	15.4	23.2



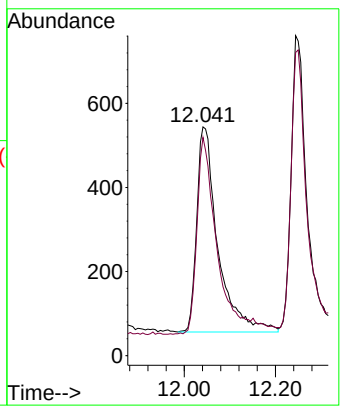


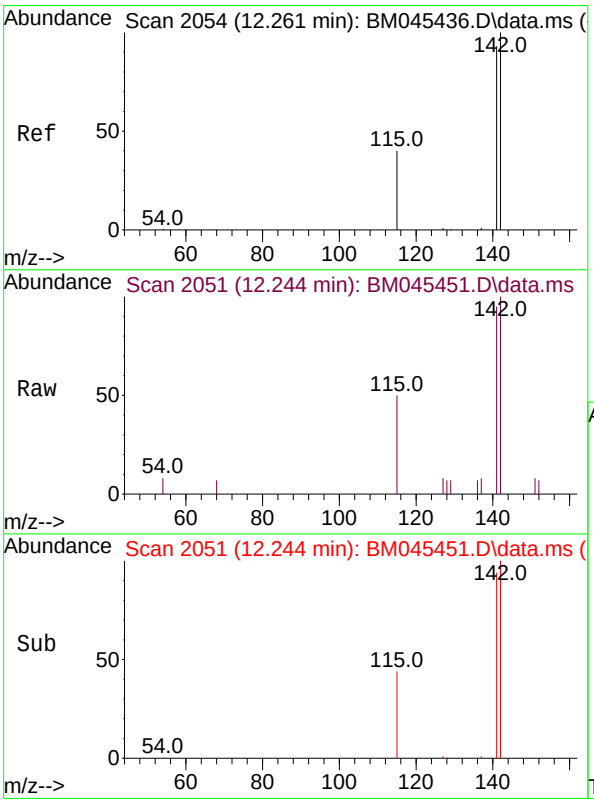
#7
2-Methylnaphthalene
Concen: 0.502 ng/ul
RT: 12.041 min Scan# 2
Delta R.T. -0.022 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1571

Ion	Ratio	Lower	Upper
142	100		
141	93.9	74.6	111.8

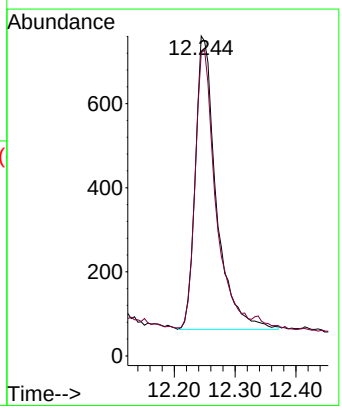


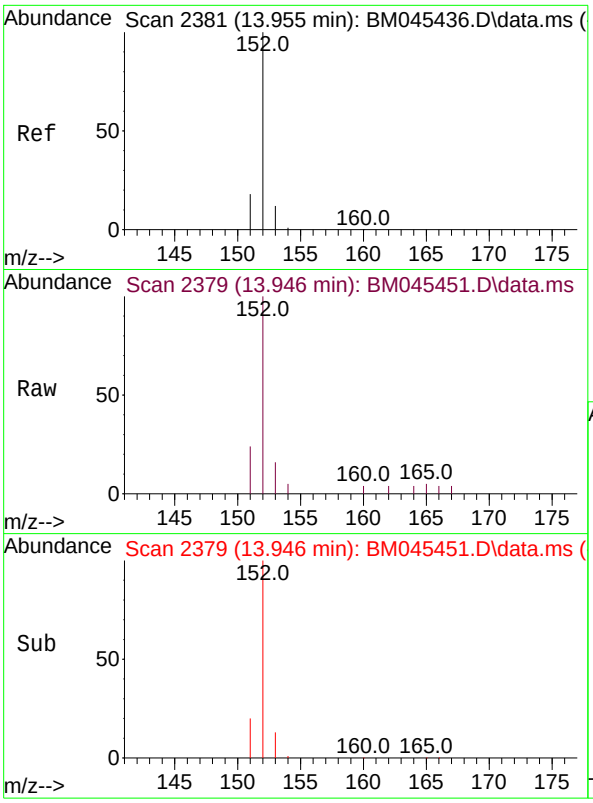


#8
1-Methylnaphthalene
Concen: 0.477 ng/ul
RT: 12.244 min Scan# 2051
Delta R.T. -0.016 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Tgt Ion:142 Resp: 1673

Ion	Ratio	Lower	Upper
142	100		
141	92.3	76.1	114.1



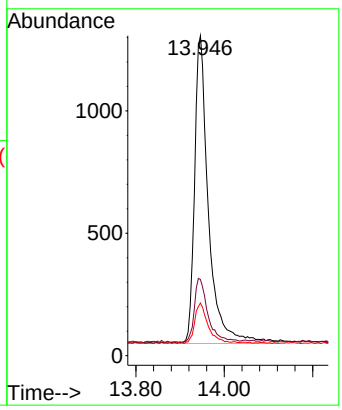


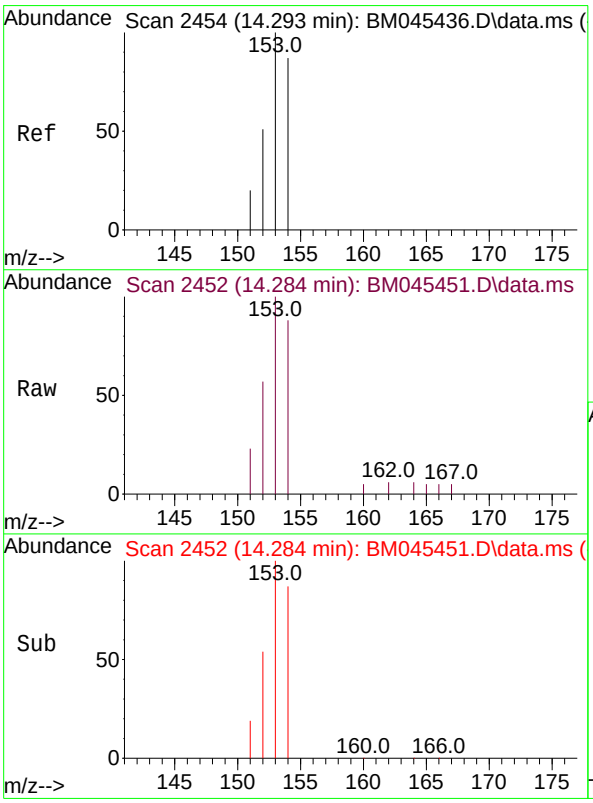
#10
Acenaphthylene
Concen: 0.487 ng/ul
RT: 13.946 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 2757

Ion	Ratio	Lower	Upper
152	100		
151	23.8	18.6	28.0
153	16.4	14.1	21.1

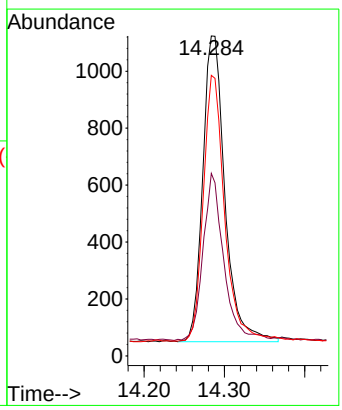


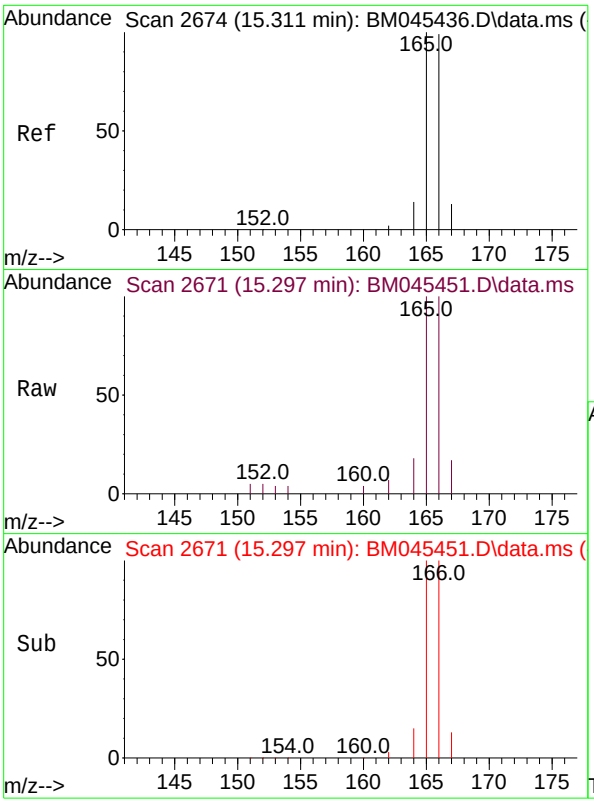


#11
Acenaphthene
Concen: 0.490 ng/ul
RT: 14.284 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Tgt Ion:153 Resp: 2060

Ion	Ratio	Lower	Upper
153	100		
152	57.0	43.4	65.2
154	87.7	69.0	103.6



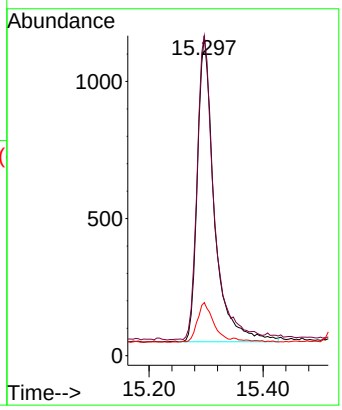


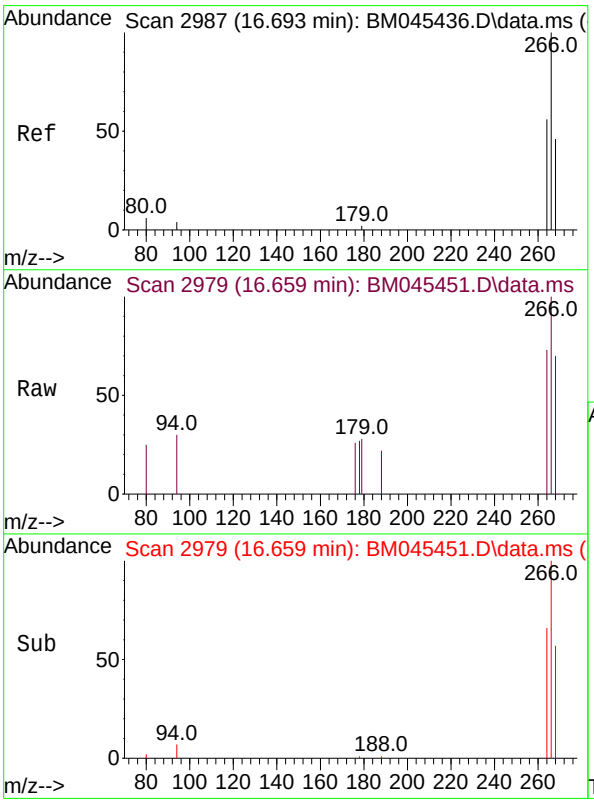
#12
Fluorene
Concen: 0.509 ng/ul
RT: 15.297 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 2291

Ion	Ratio	Lower	Upper
166	100		
165	100.2	82.2	123.2
167	16.7	14.8	22.2

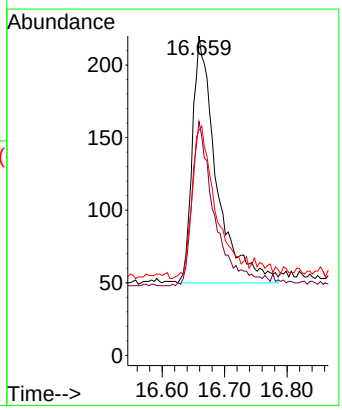


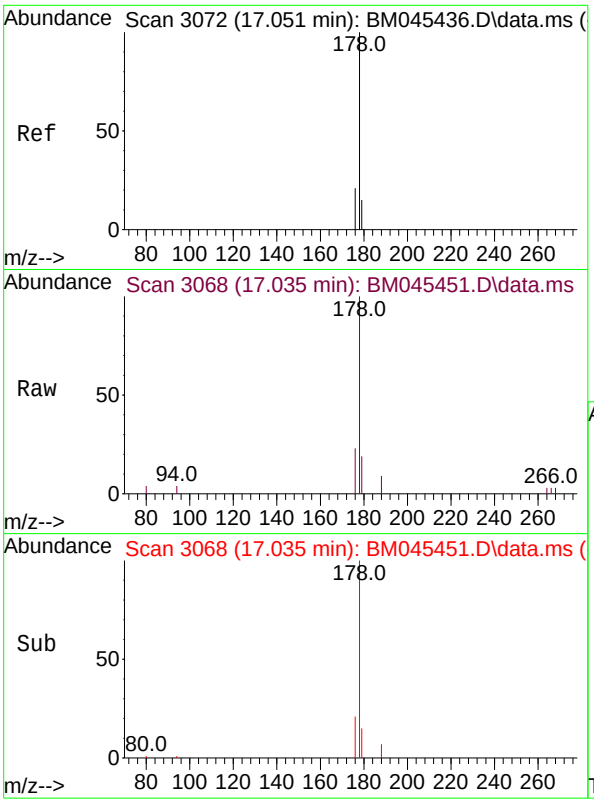


#14
Pentachlorophenol
Concen: 0.990 ng/ul
RT: 16.659 min Scan# 2979
Delta R.T. -0.025 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Tgt Ion:266 Resp: 454

Ion	Ratio	Lower	Upper
266	100		
264	62.3	45.5	68.3
268	62.1	56.1	84.1



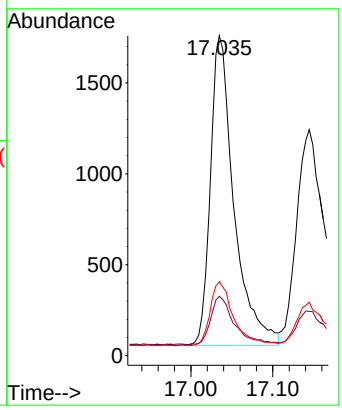


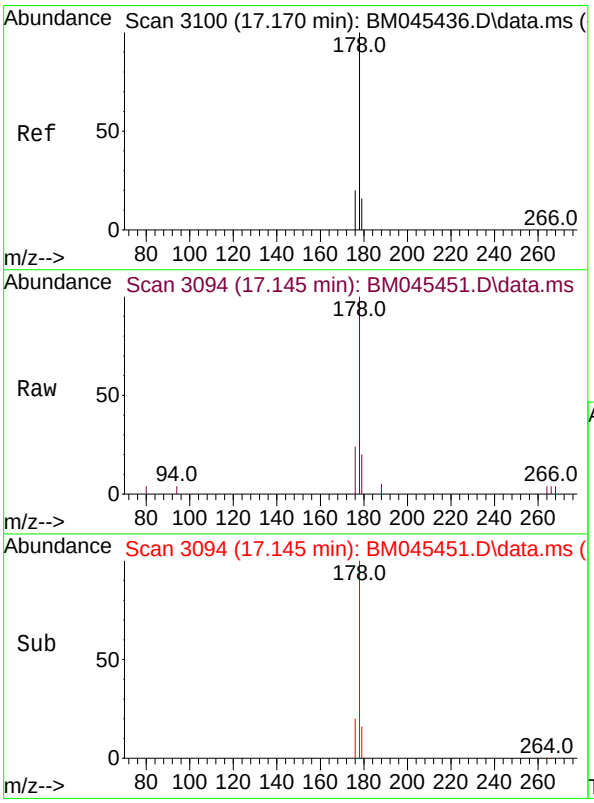
#15
Phenanthrene
Concen: 0.508 ng/ul
RT: 17.035 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3403

Ion	Ratio	Lower	Upper
178	100		
179	18.5	15.4	23.2
176	23.1	19.0	28.4

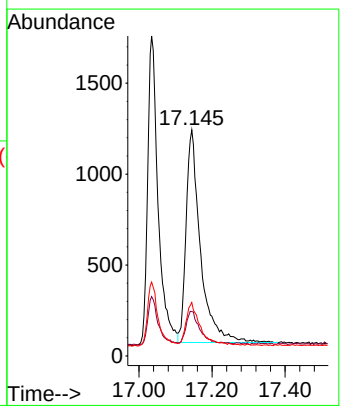


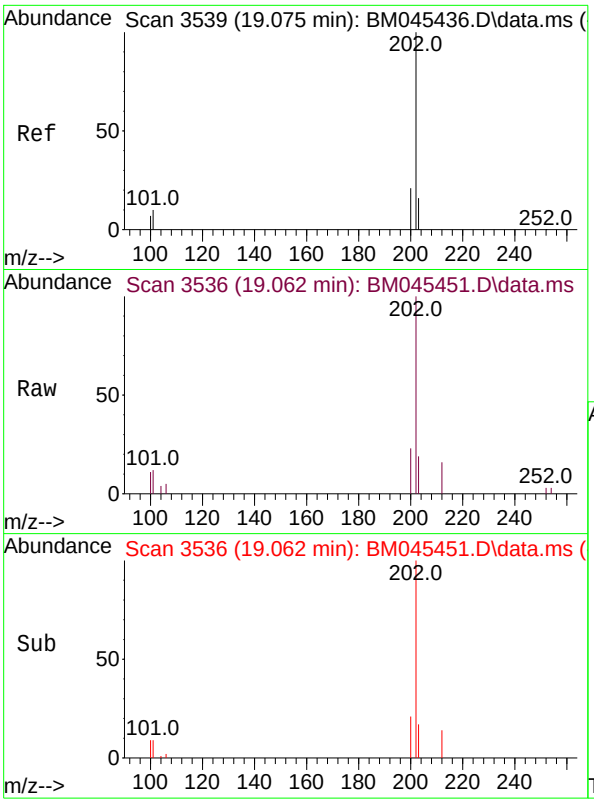


#16
Anthracene
Concen: 0.510 ng/ul
RT: 17.145 min Scan# 3094
Delta R.T. -0.017 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Tgt Ion:178 Resp: 3196

Ion	Ratio	Lower	Upper
178	100		
179	19.6	17.8	26.6
176	23.7	18.7	28.1



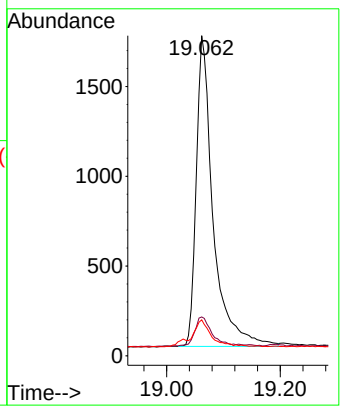


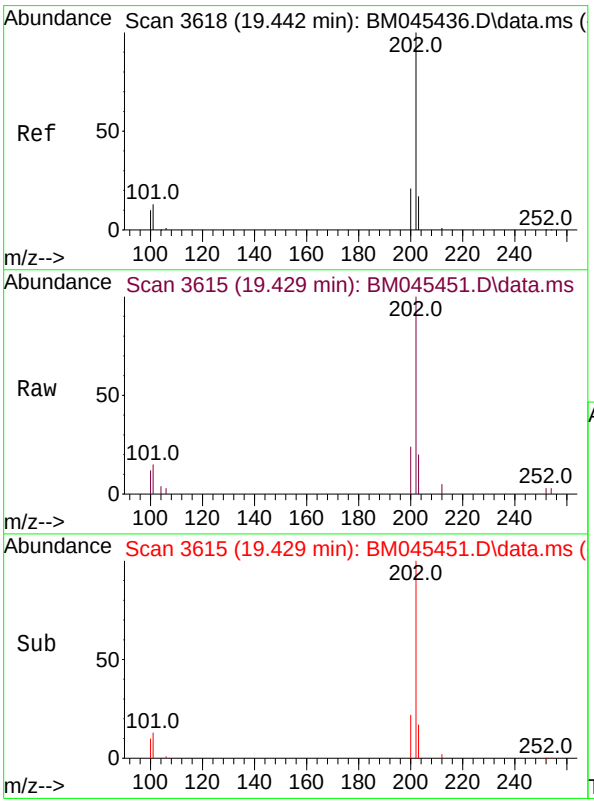
#19
Fluoranthene
Concen: 0.600 ng/ul
RT: 19.062 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3561

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.2	16.8
100	11.2	9.1	13.7

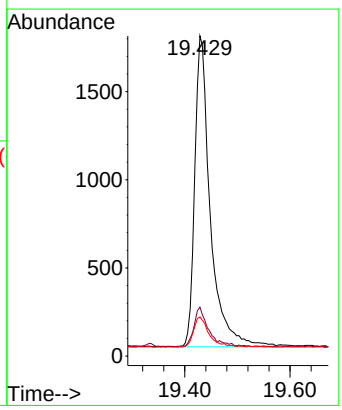


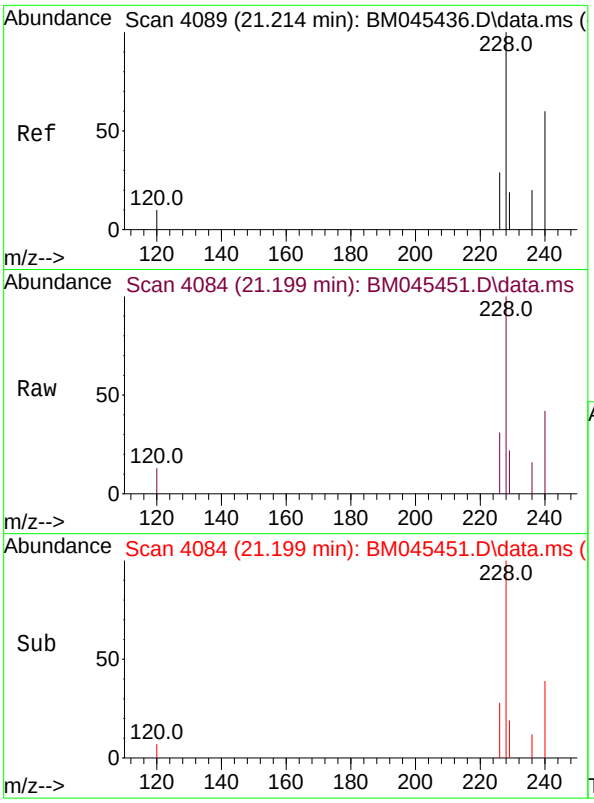


#20
Pyrene
Concen: 0.594 ng/ul
RT: 19.429 min Scan# 3615
Delta R.T. -0.014 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Tgt Ion:202 Resp: 3623

Ion	Ratio	Lower	Upper
202	100		
101	15.3	11.5	17.3
100	12.2	10.6	15.8



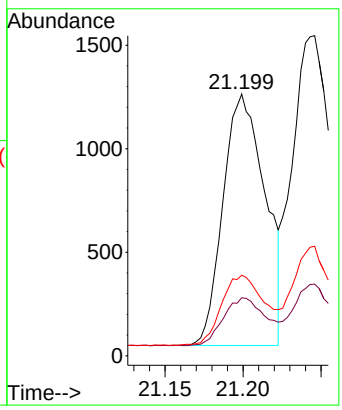


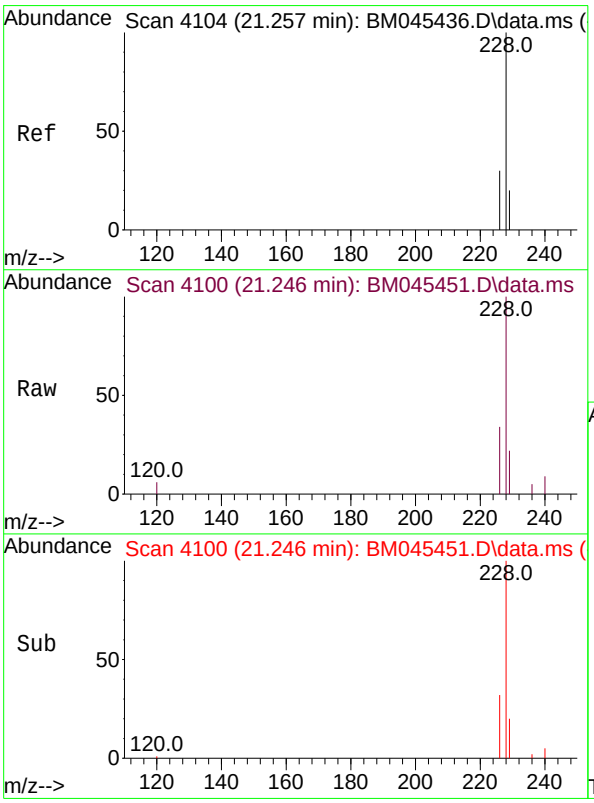
#21
Benzo(a)anthracene
Concen: 0.552 ng/ul
RT: 21.199 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2271

Ion	Ratio	Lower	Upper
228	100		
229	22.2	19.4	29.2
226	30.8	26.3	39.5

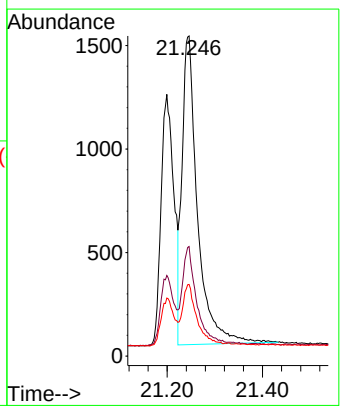


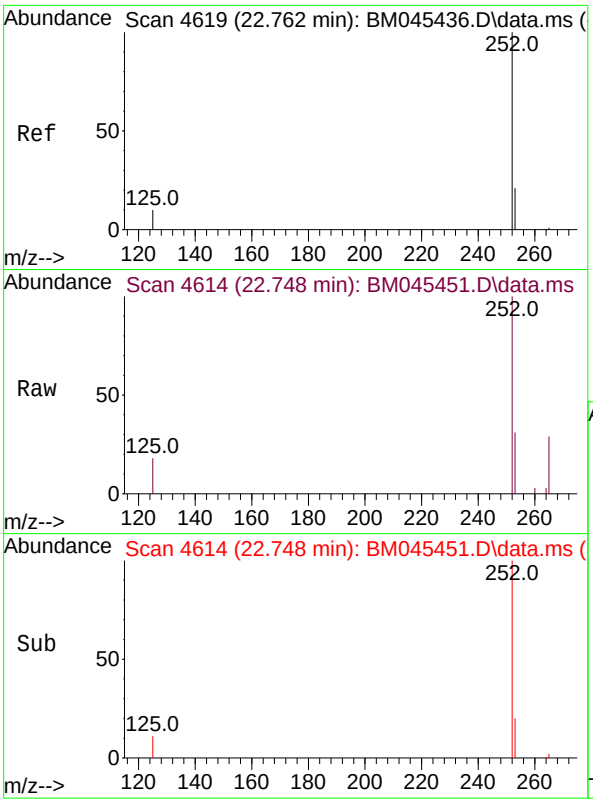


#22
Chrysene
Concen: 0.531 ng/ul
RT: 21.246 min Scan# 4100
Delta R.T. -0.009 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Tgt Ion:228 Resp: 3358

Ion	Ratio	Lower	Upper
228	100		
226	34.2	26.3	39.5
229	22.4	17.8	26.8



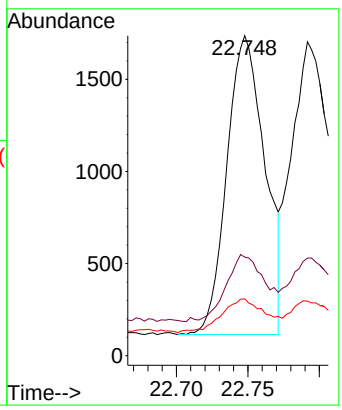


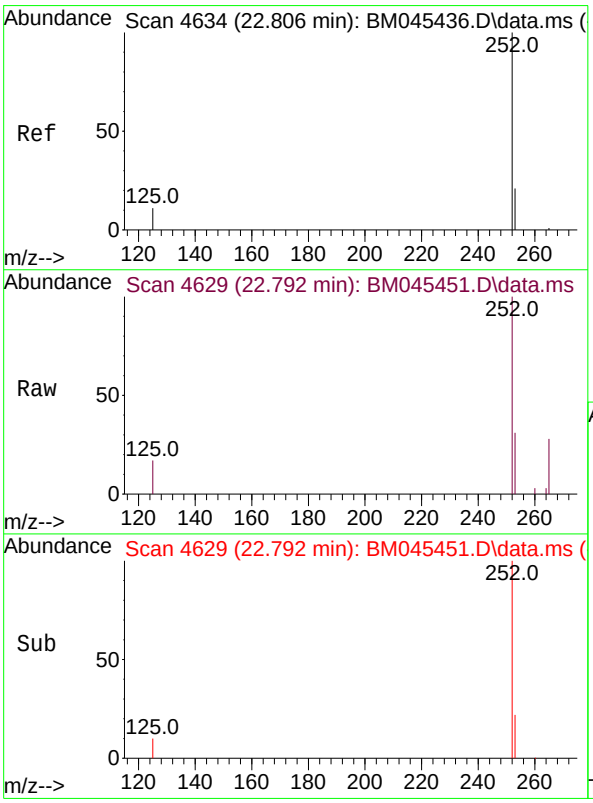
#24
Benzo(b)fluoranthene
Concen: 0.567 ng/ul
RT: 22.748 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3004

Ion	Ratio	Lower	Upper
252	100		
253	30.8	0.0	63.4
125	17.7	0.0	36.8

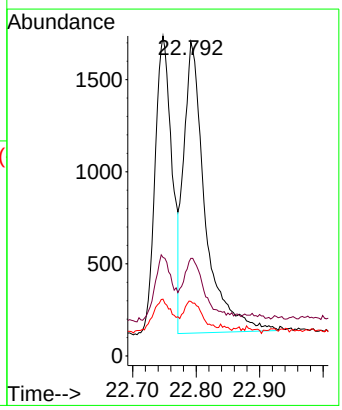


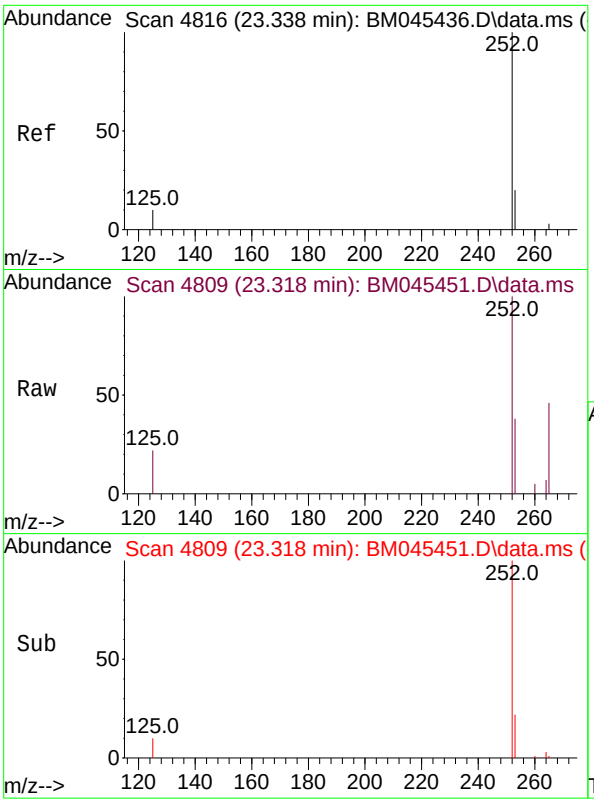


#25
Benzo(k)fluoranthene
Concen: 0.558 ng/ul
RT: 22.792 min Scan# 4629
Delta R.T. -0.011 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Tgt Ion:252 Resp: 3732

Ion	Ratio	Lower	Upper
252	100		
253	31.1	25.4	38.0
125	17.4	14.8	22.2



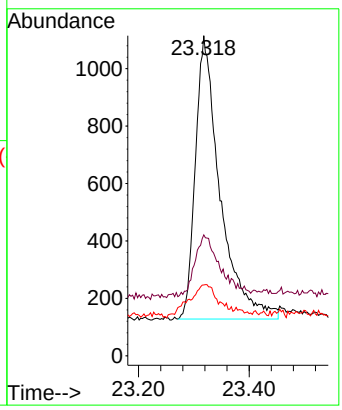


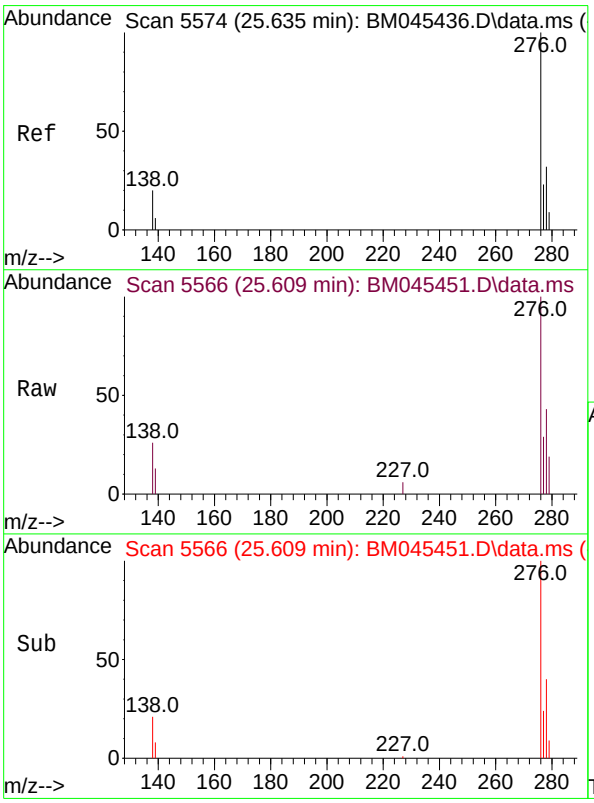
#26
Benzo(a)pyrene
Concen: 0.557 ng/ul
RT: 23.318 min Scan# 4
Delta R.T. -0.011 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3059

Ion	Ratio	Lower	Upper
252	100		
253	37.8	31.6	47.4
125	22.2	19.5	29.3

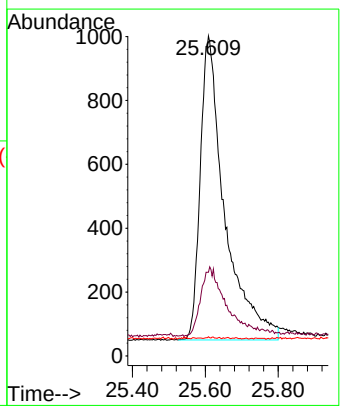


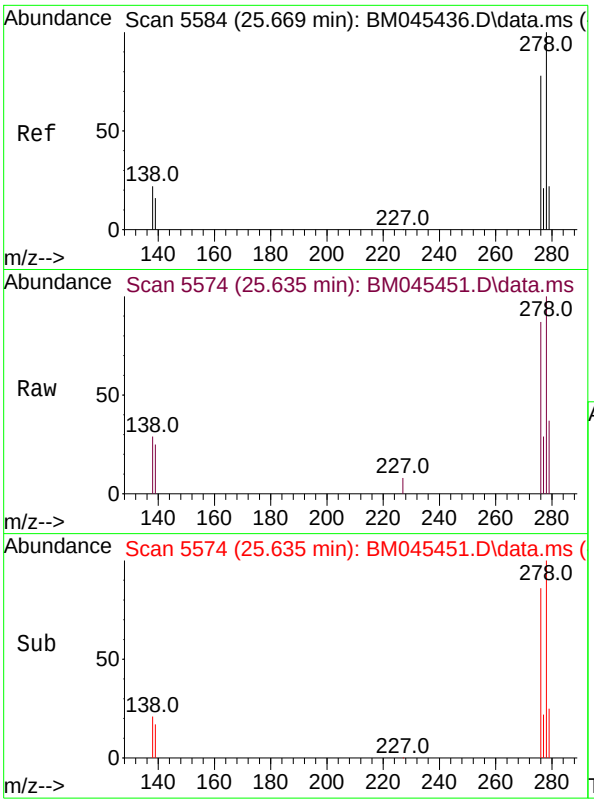


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.555 ng/ul
RT: 25.609 min Scan# 5566
Delta R.T. -0.020 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Tgt Ion:276 Resp: 4426

Ion	Ratio	Lower	Upper
276	100		
138	25.0	19.8	29.6
227	0.1	0.2	0.2#



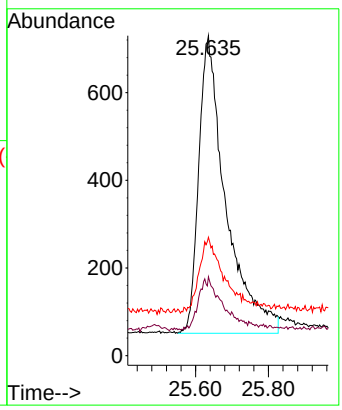


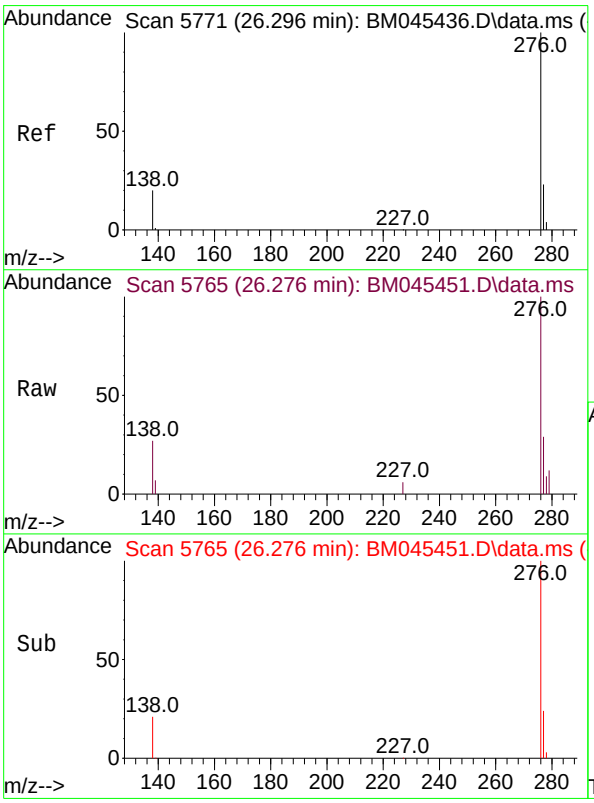
#28
Dibenzo(a,h)anthracene
Concen: 0.554 ng/ul
RT: 25.635 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 3504

Ion	Ratio	Lower	Upper
278	100		
139	24.7	19.0	28.6
279	37.0	29.4	44.2





#29
Benzo(g,h,i)perylene
Concen: 0.553 ng/ul
RT: 26.276 min Scan# 5765
Delta R.T. -0.017 min
Lab File: BM045451.D
Acq: 21 Apr 2024 07:57

Tgt Ion:276 Resp: 3963

Ion	Ratio	Lower	Upper
276	100		
138	27.2	20.8	31.2
277	28.6	21.8	32.8