Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045453.D
Acq On : 21 Apr 2024 09:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Apr 22 01:29:33 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	7.601	152	712	0.400	ng/ul	0.02
4) Naphthalene-d8	10.364	136	2230	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.223	164	1211	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.005	188	2248	0.400	ng/ul	0.00
17) Chrysene-d12	21.214	240	1177	0.400	ng/ul	0.00
23) Perylene-d12	23.414	264	1690	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	417	0.437	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.975	152	1220	0.415	ng/ul	0.00
18) Fluoranthene-d10	19.043	212	1716	0.463	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	478	0.521	ng/ul#	86
5) Naphthalene	10.419	128	2454	0.410	ng/ul	99
7) 2-Methylnaphthalene	12.052	142	1483	0.434	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	1620	0.422	ng/ul	99
10) Acenaphthylene	13.946	152	2396	0.401	ng/ul	98
11) Acenaphthene	14.284	153	1805	0.407	ng/ul	97
12) Fluorene	15.306	166	1923	0.405	ng/ul	98
14) Pentachlorophenol	16.684	266	134	0.299	ng/ul#	91
15) Phenanthrene	17.047	178	2611	0.399	ng/ul	99
16) Anthracene	17.157	178	2395	0.391	ng/ul	98
19) Fluoranthene	19.071	202	2513	0.463	ng/ul	97
20) Pyrene	19.438	202	2633	0.472	ng/ul	98
21) Benzo(a)anthracene	21.211	228	1571	0.418	ng/ul	99
22) Chrysene	21.252	228	2534	0.438	ng/ul	99
24) Benzo(b)fluoranthene	22.756	252	2352	0.414	ng/ul	98
25) Benzo(k)fluoranthene	22.800	252	2951	0.411	ng/ul	96
26) Benzo(a)pyrene	23.327	252	2470	0.419	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.622	276	3502	0.409	ng/ul#	51
28) Dibenzo(a,h)anthracene	25.645	278	2741	0.403	ng/ul	97
29) Benzo(g,h,i)perylene	26.279	276	3196	0.415	ng/ul	95

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042024\
Data File : BM045453.D
Acq On : 21 Apr 2024 09:44
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
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Instrument :
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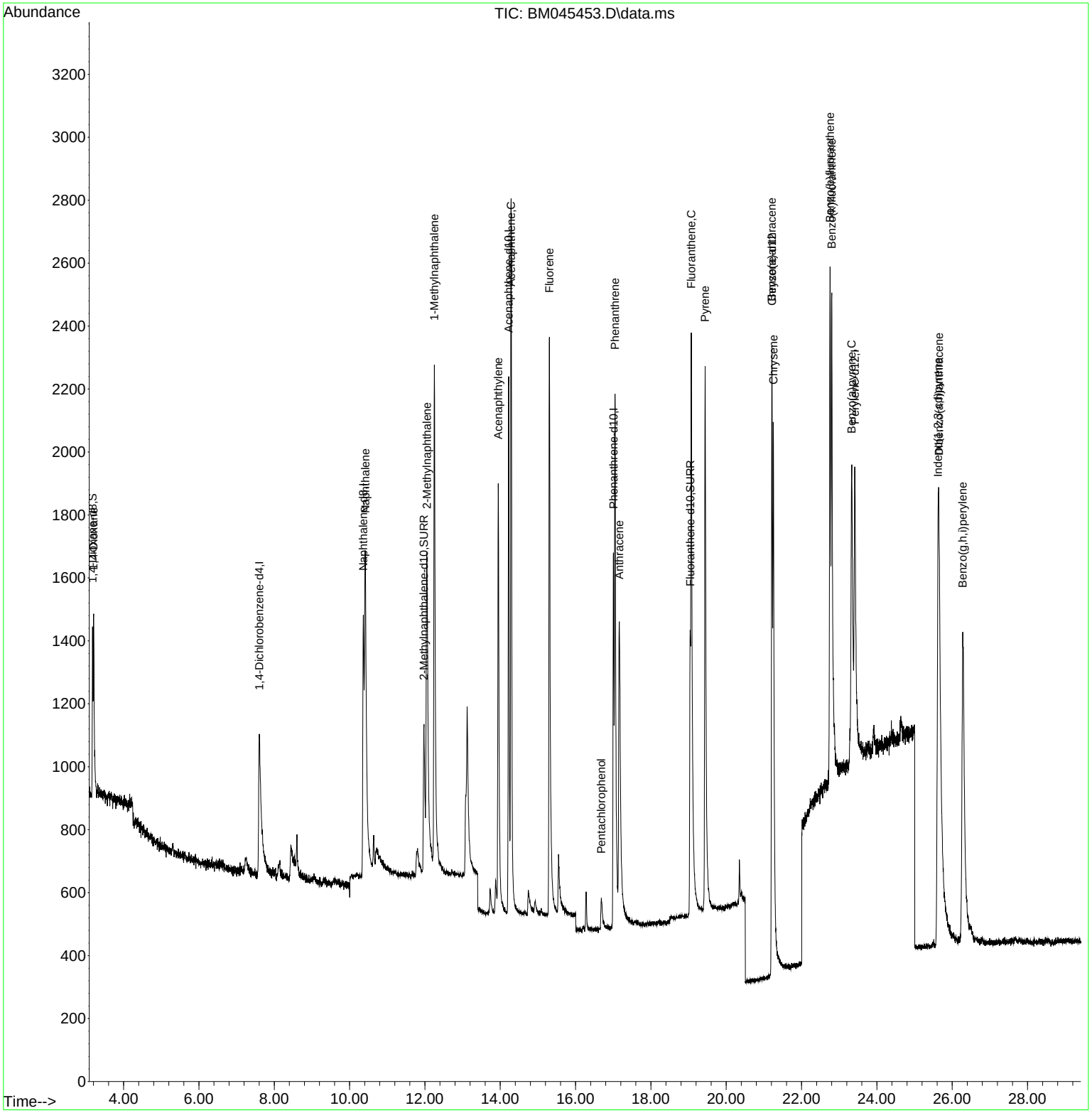
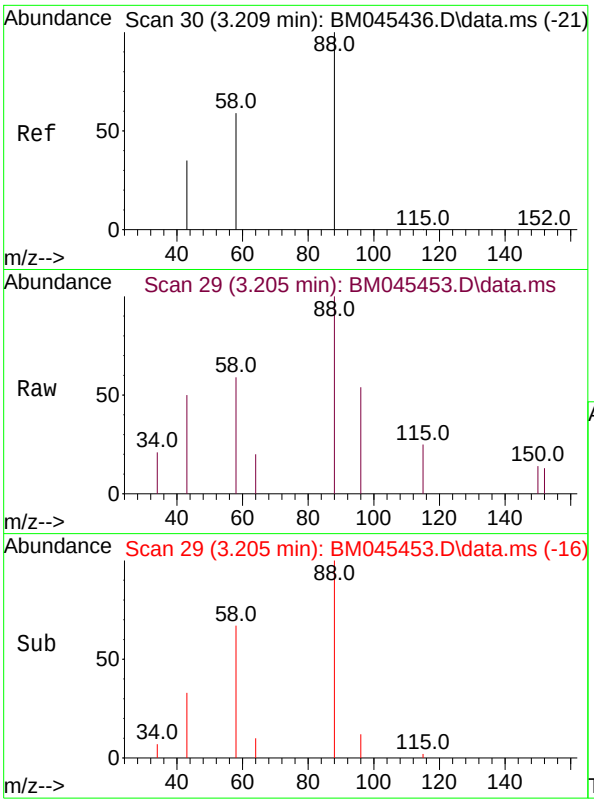
Quant Time: Apr 22 01:29:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 21 05:11:22 2024
Response via : Initial Calibration



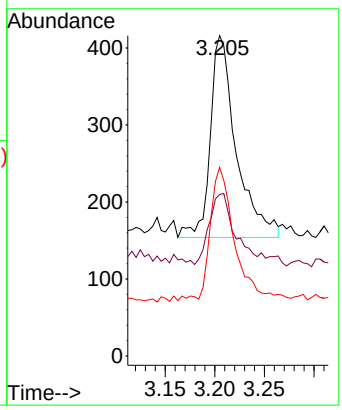


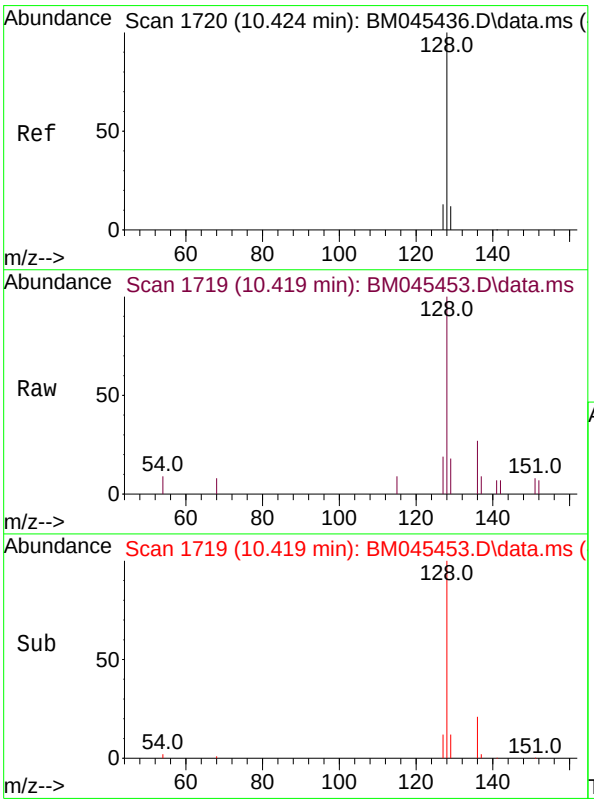
#2
1,4-Dioxane
Concen: 0.521 ng/ul
RT: 3.205 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 478

Ion	Ratio	Lower	Upper
88	100		
43	50.5	36.8	55.2
58	58.9	35.4	53.2#

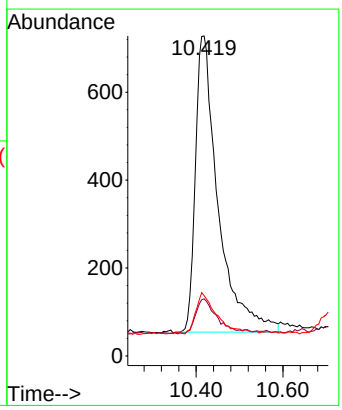


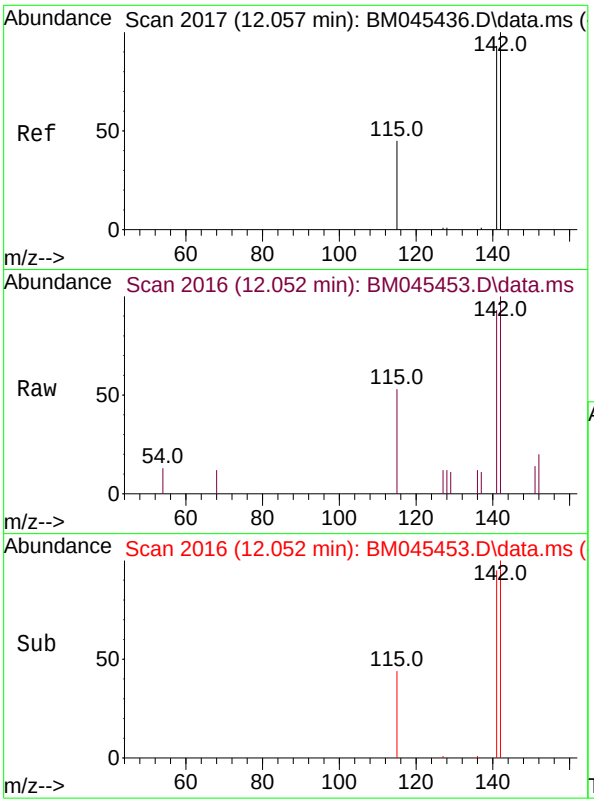


#5
Naphthalene
Concen: 0.410 ng/ul
RT: 10.419 min Scan# 1719
Delta R.T. -0.005 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Tgt Ion:128 Resp: 2454

Ion	Ratio	Lower	Upper
128	100		
129	17.9	14.0	21.0
127	18.8	15.4	23.2



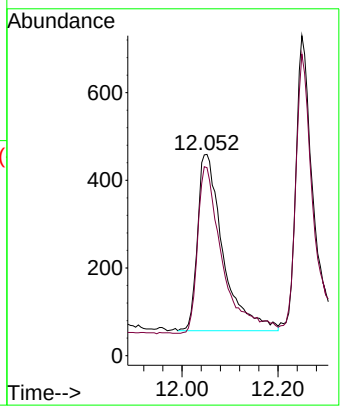


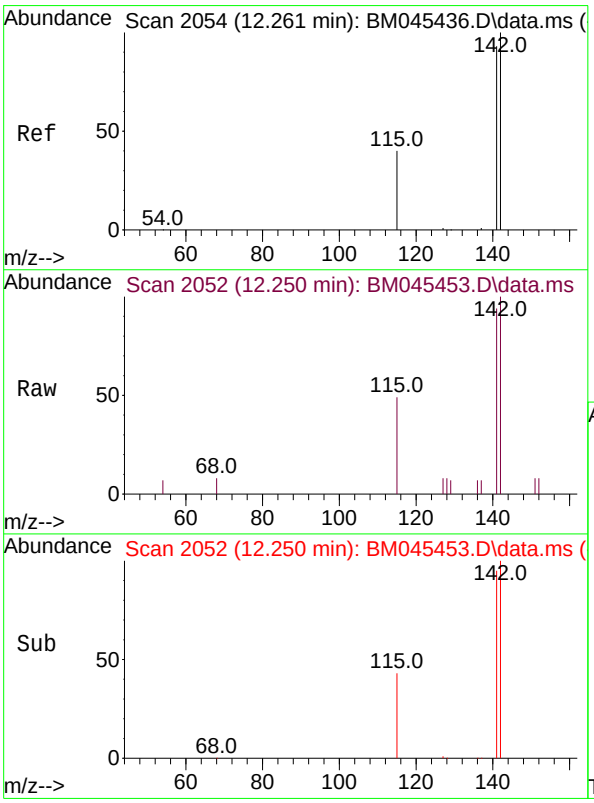
#7
2-Methylnaphthalene
Concen: 0.434 ng/ul
RT: 12.052 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 1483

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.6	111.8

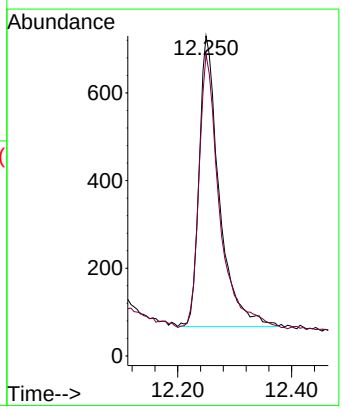


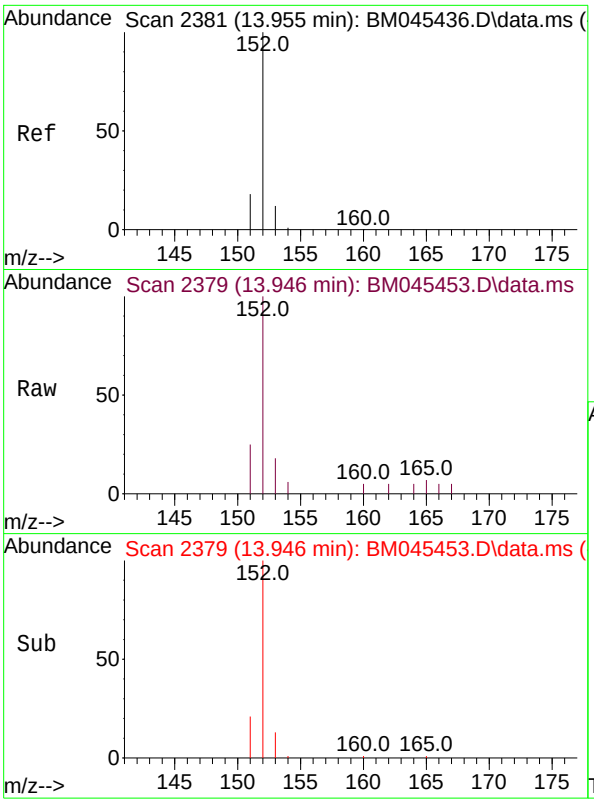


#8
1-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.250 min Scan# 2052
Delta R.T. -0.011 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Tgt Ion:142 Resp: 1620

Ion	Ratio	Lower	Upper
142	100		
141	95.7	76.1	114.1



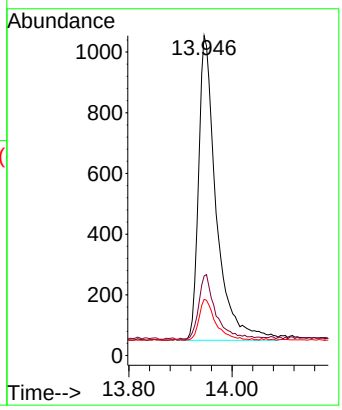


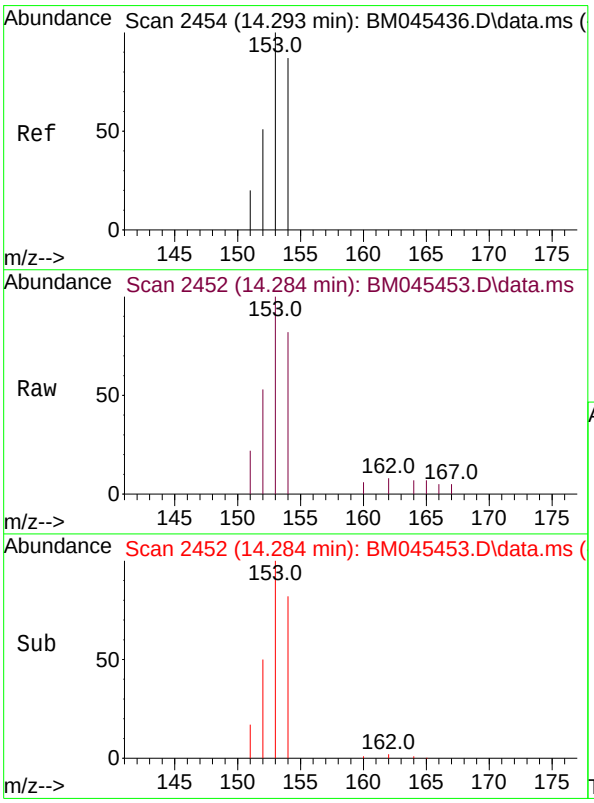
#10
Acenaphthylene
Concen: 0.401 ng/ul
RT: 13.946 min Scan# 2
Delta R.T. -0.014 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 2396

Ion	Ratio	Lower	Upper
152	100		
151	24.9	18.6	28.0
153	17.6	14.1	21.1

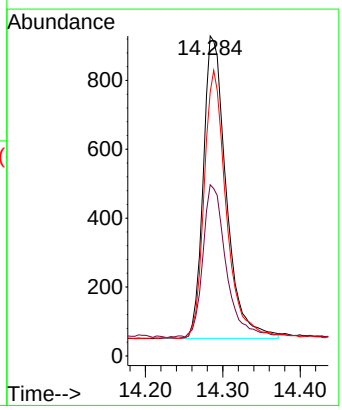


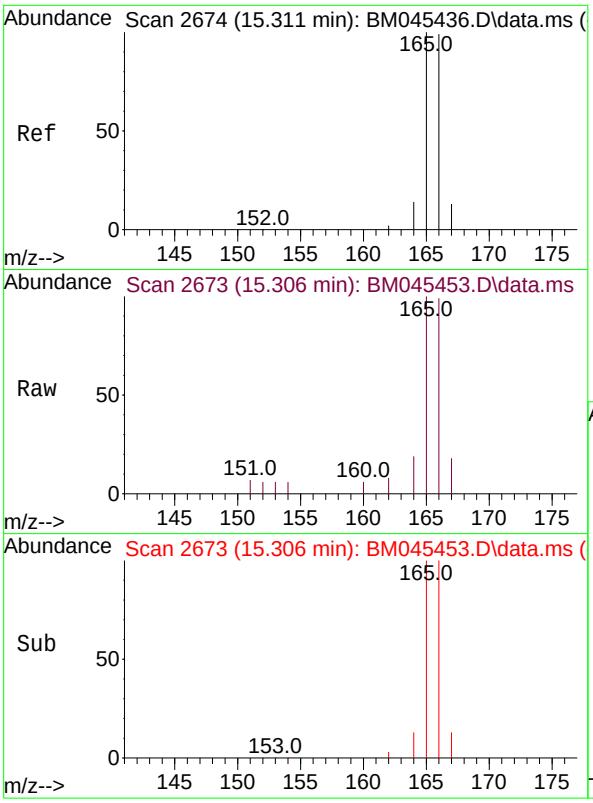


#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.284 min Scan# 2452
Delta R.T. -0.009 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Tgt Ion:153 Resp: 1805

Ion	Ratio	Lower	Upper
153	100		
152	53.5	43.4	65.2
154	82.5	69.0	103.6



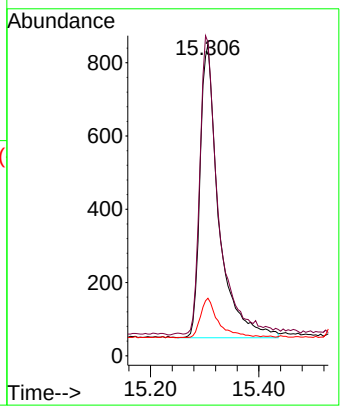


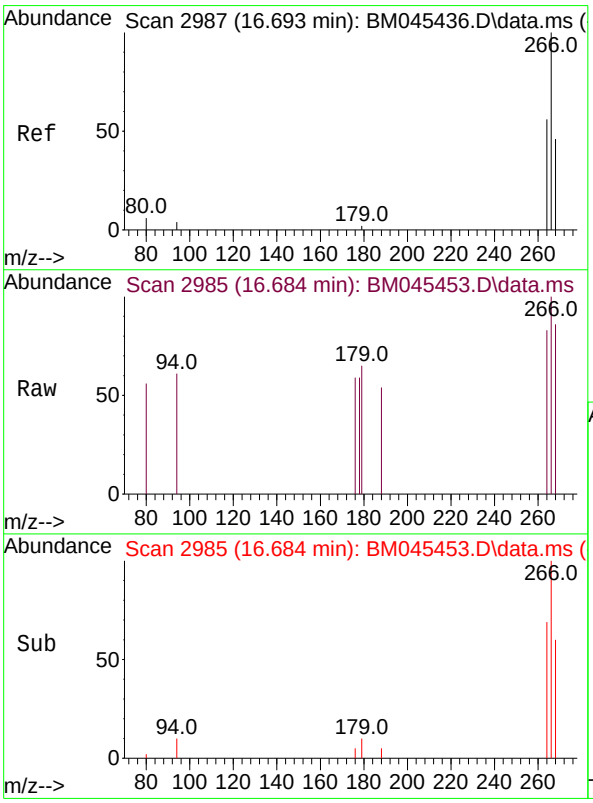
#12
Fluorene
Concen: 0.405 ng/ul
RT: 15.306 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 1923

Ion	Ratio	Lower	Upper
166	100		
165	100.7	82.2	123.2
167	18.5	14.8	22.2

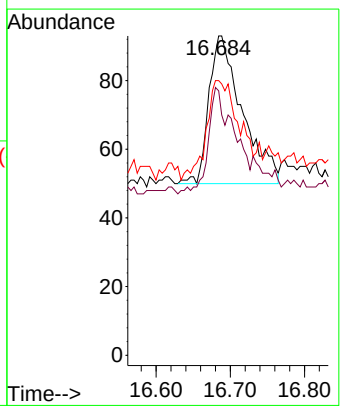


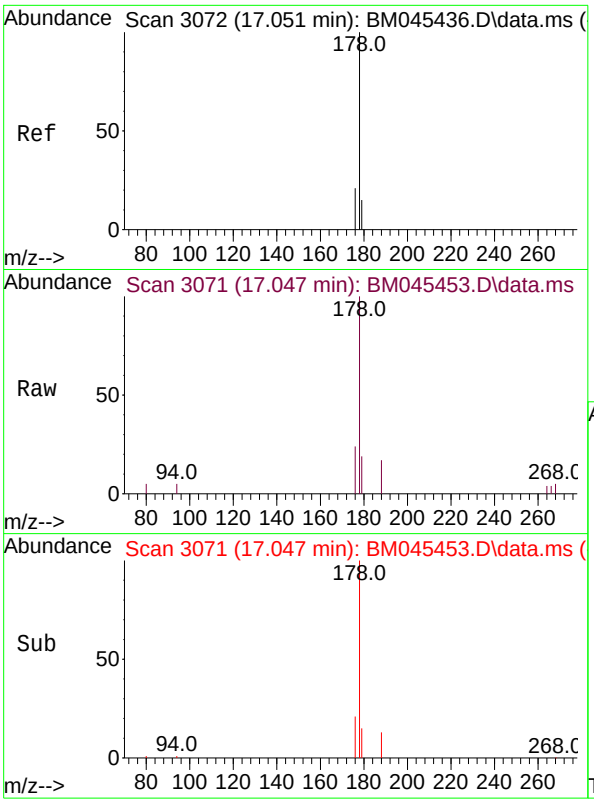


#14
Pentachlorophenol
Concen: 0.299 ng/ul
RT: 16.684 min Scan# 2985
Delta R.T. 0.000 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Tgt Ion:266 Resp: 134

Ion	Ratio	Lower	Upper
266	100		
264	68.7	45.5	68.3#
268	72.4	56.1	84.1



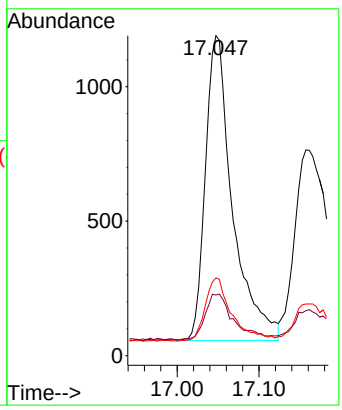


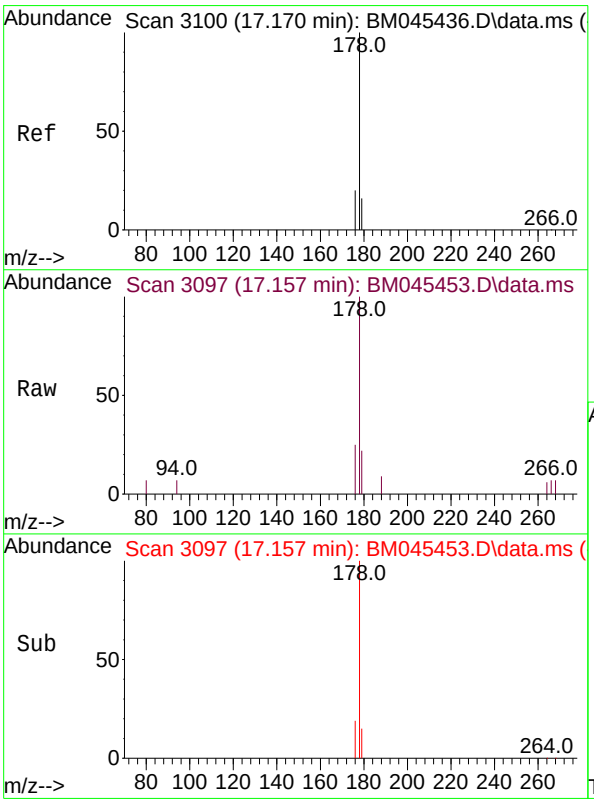
#15
Phenanthrene
Concen: 0.399 ng/ul
RT: 17.047 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2611

Ion	Ratio	Lower	Upper
178	100		
179	18.9	15.4	23.2
176	24.3	19.0	28.4

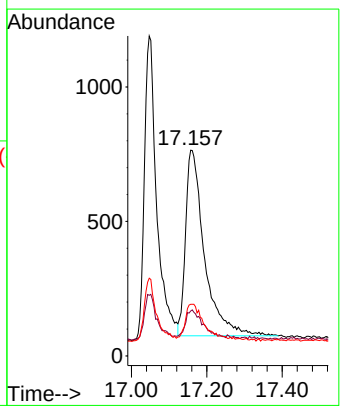


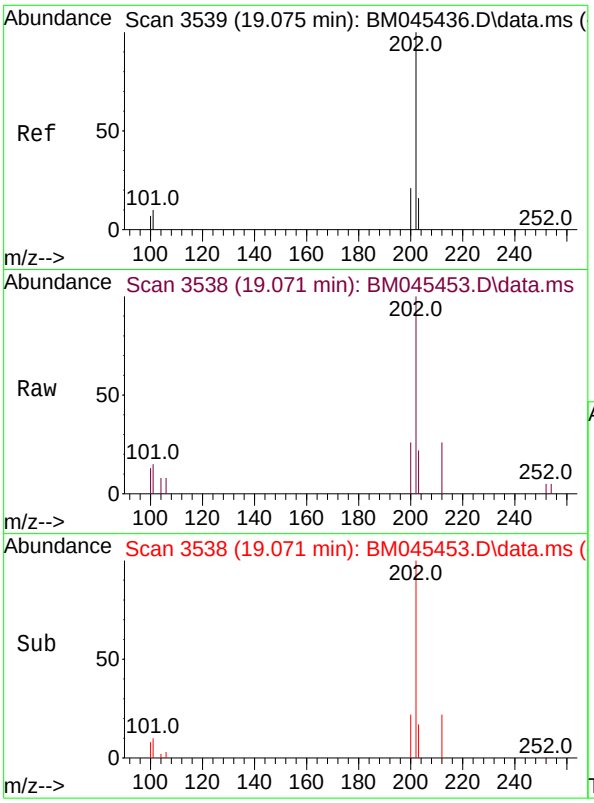


#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.157 min Scan# 3097
Delta R.T. -0.004 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Tgt Ion:178 Resp: 2395

Ion	Ratio	Lower	Upper
178	100		
179	21.8	17.8	26.6
176	25.1	18.7	28.1



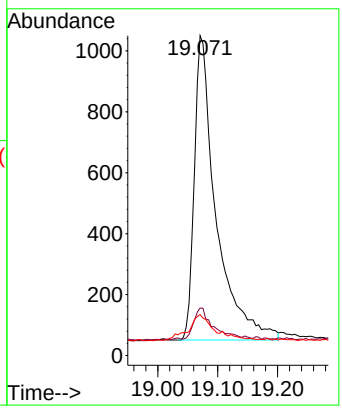


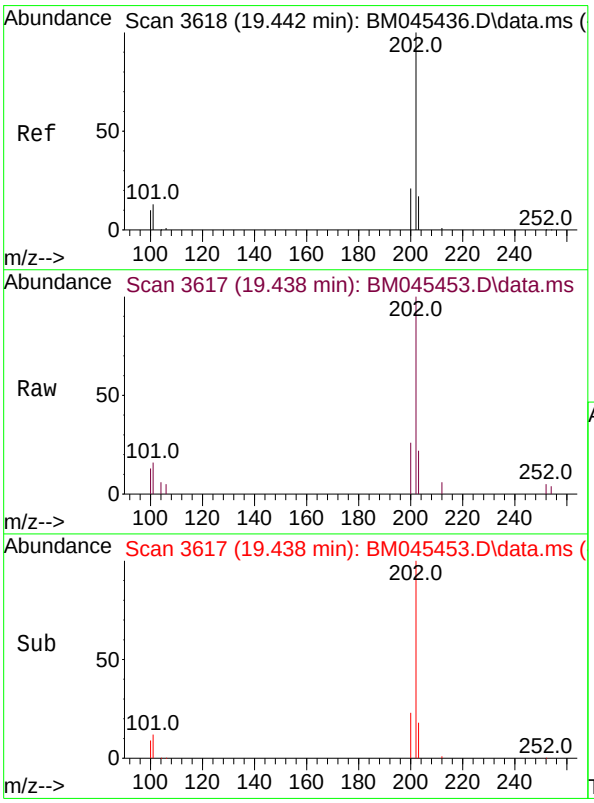
#19
Fluoranthene
Concen: 0.463 ng/ul
RT: 19.071 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2513

Ion	Ratio	Lower	Upper
202	100		
101	14.9	11.2	16.8
100	12.8	9.1	13.7

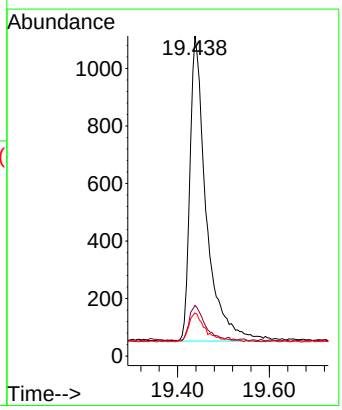


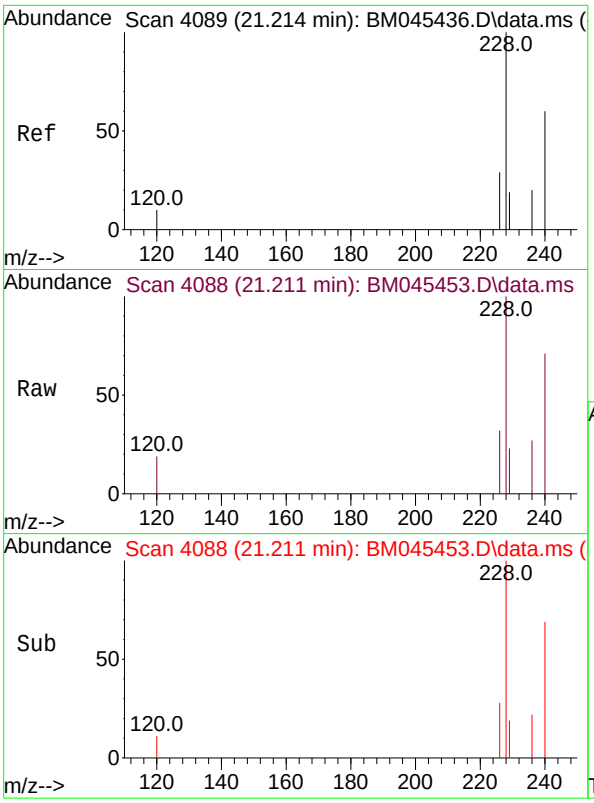


#20
Pyrene
Concen: 0.472 ng/ul
RT: 19.438 min Scan# 3617
Delta R.T. -0.005 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Tgt Ion:202 Resp: 2633

Ion	Ratio	Lower	Upper
202	100		
101	15.8	11.5	17.3
100	13.5	10.6	15.8



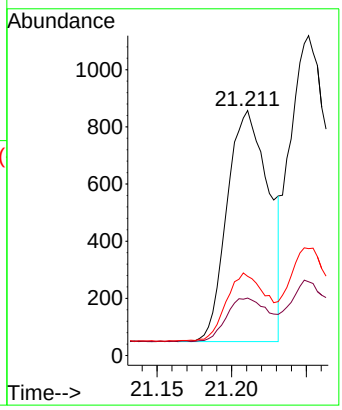


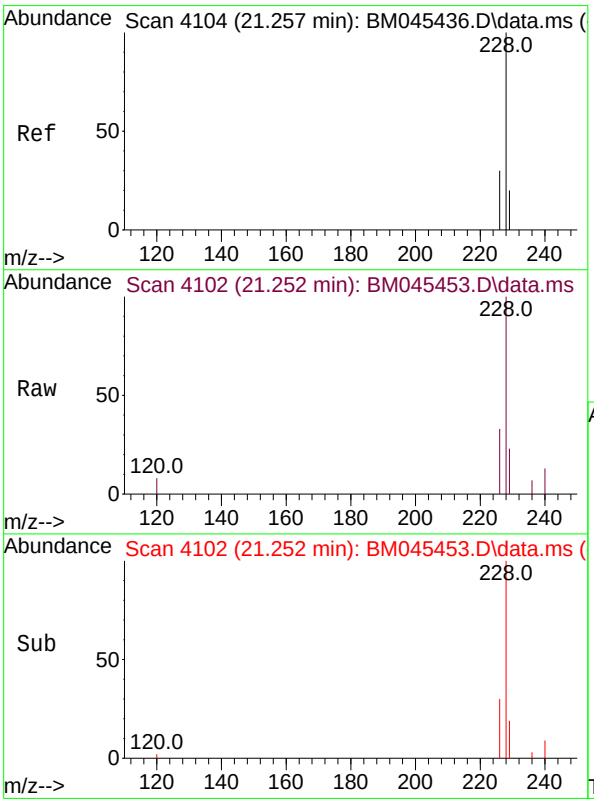
#21
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.211 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1571

Ion	Ratio	Lower	Upper
228	100		
229	23.5	19.4	29.2
226	32.3	26.3	39.5

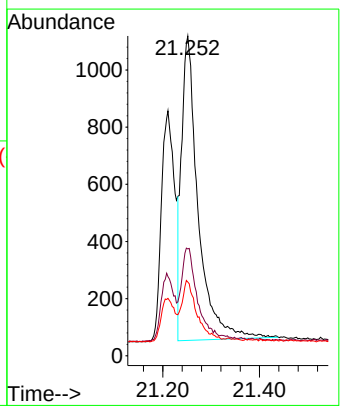


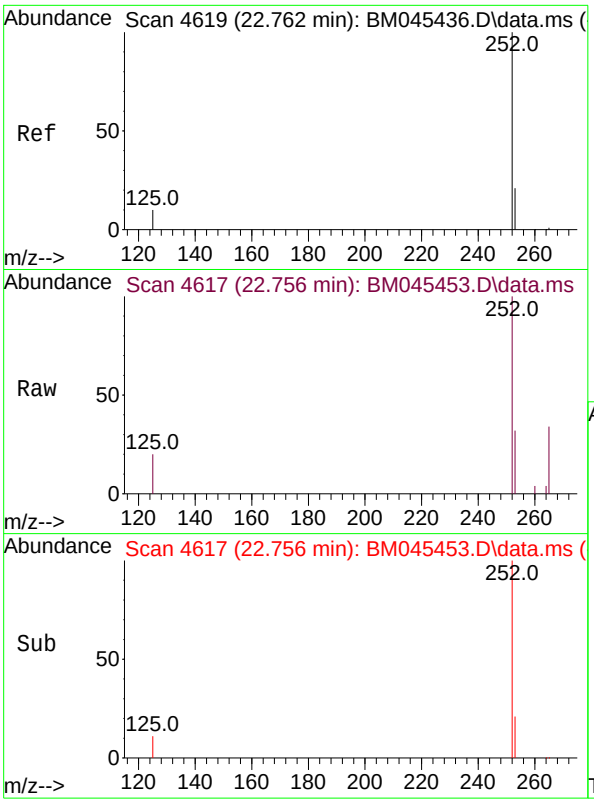


#22
Chrysene
Concen: 0.438 ng/ul
RT: 21.252 min Scan# 4102
Delta R.T. -0.003 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Tgt Ion:228 Resp: 2534

Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.3	39.5
229	23.1	17.8	26.8



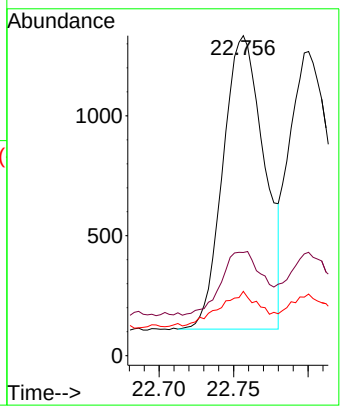


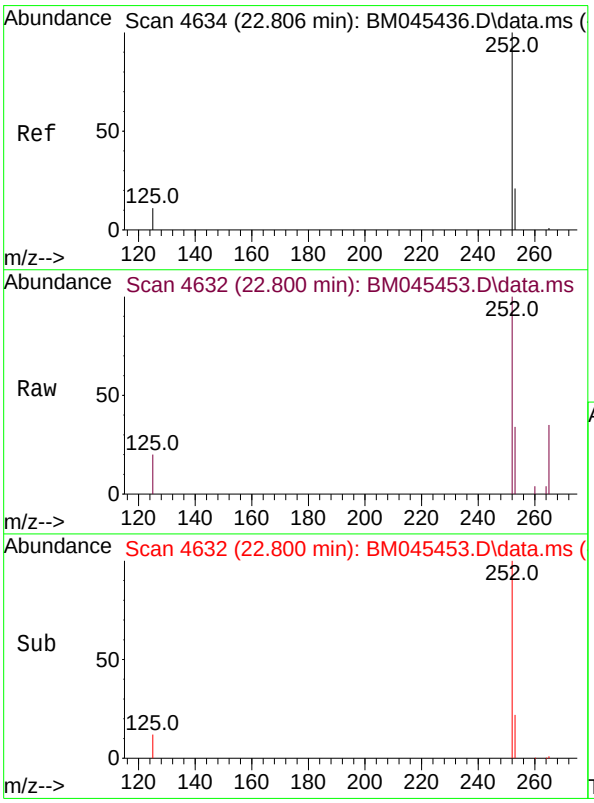
#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 22.756 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2352

Ion	Ratio	Lower	Upper
252	100		
253	32.2	0.0	63.4
125	20.1	0.0	36.8

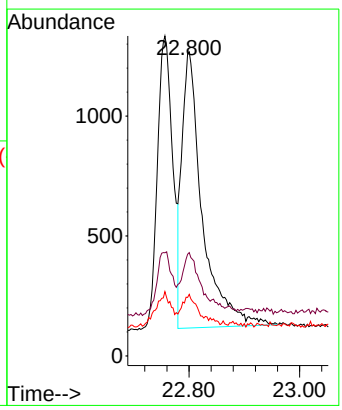


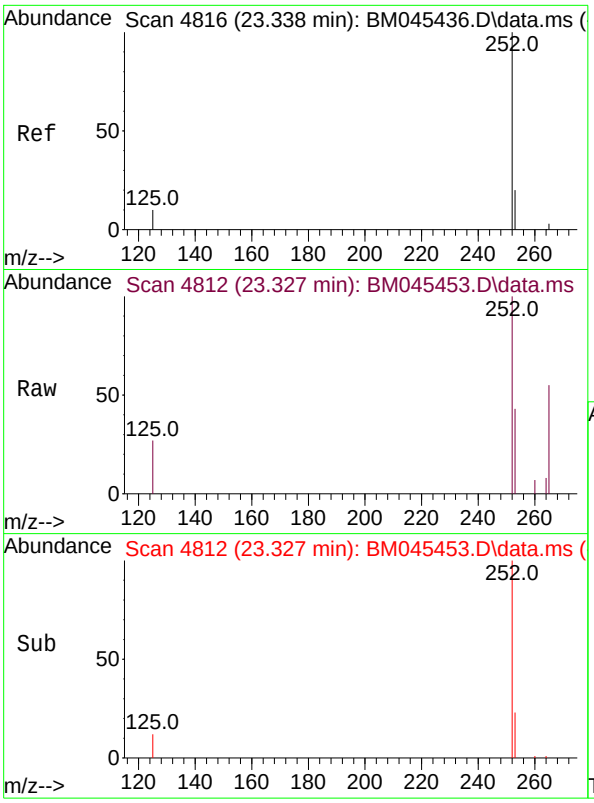


#25
Benzo(k)fluoranthene
Concen: 0.411 ng/ul
RT: 22.800 min Scan# 4632
Delta R.T. -0.003 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Tgt Ion:252 Resp: 2951

Ion	Ratio	Lower	Upper
252	100		
253	34.0	25.4	38.0
125	20.3	14.8	22.2



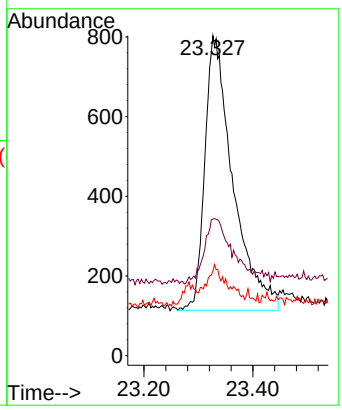


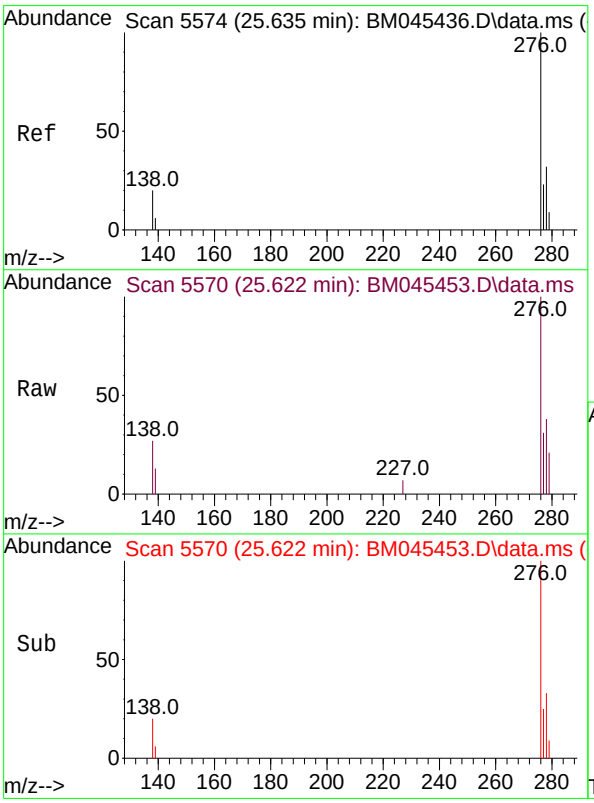
#26
Benzo(a)pyrene
Concen: 0.419 ng/ul
RT: 23.327 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2470

Ion	Ratio	Lower	Upper
252	100		
253	42.7	31.6	47.4
125	26.5	19.5	29.3

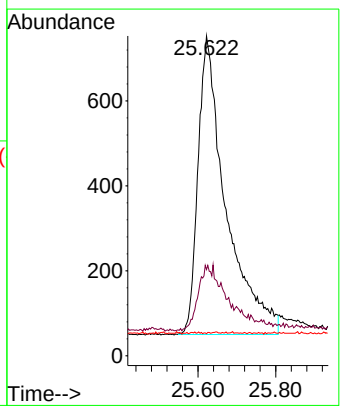


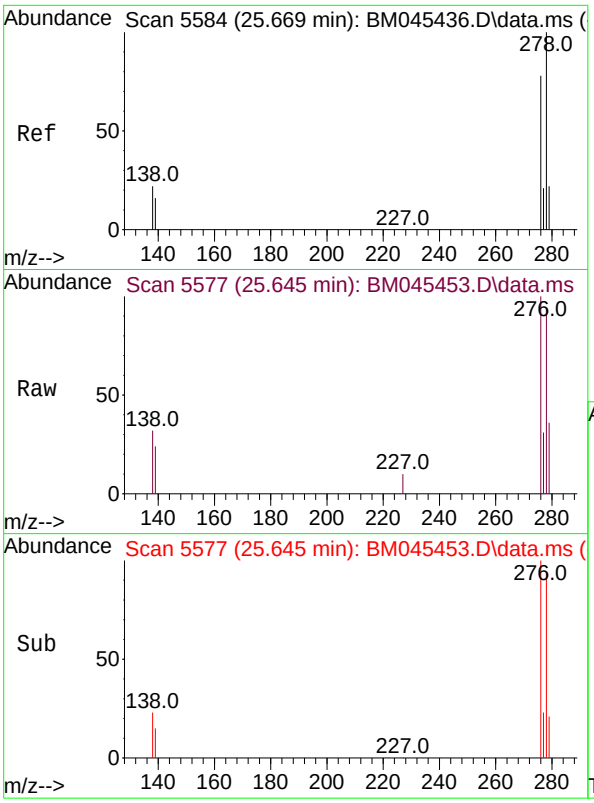


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng/ul
RT: 25.622 min Scan# 5570
Delta R.T. -0.007 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Tgt Ion:276 Resp: 3502

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.8	29.6#
227	0.0	0.2	0.2#



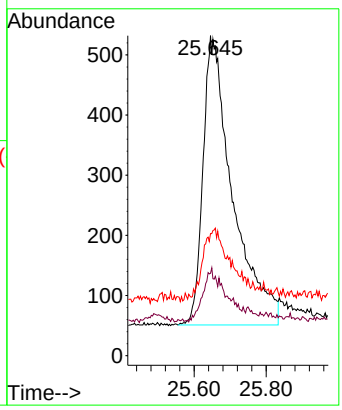


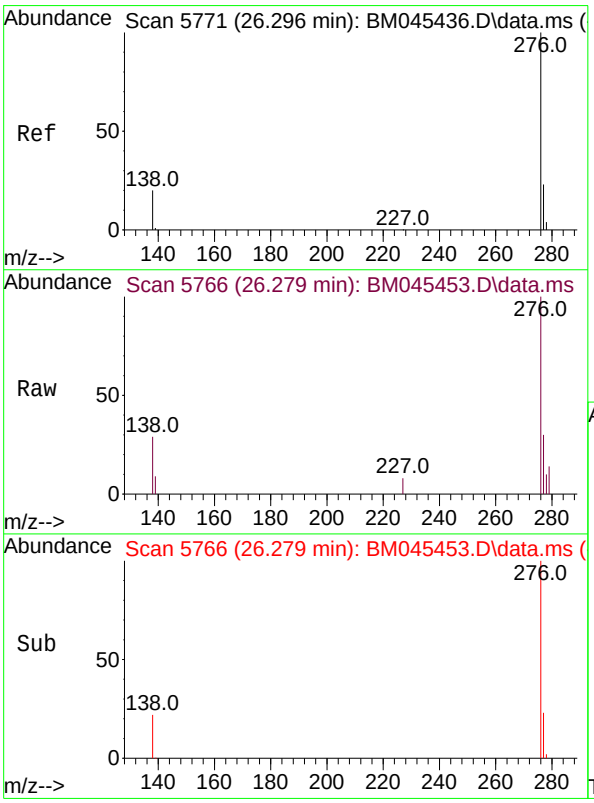
#28
Dibenzo(a,h)anthracene
Concen: 0.403 ng/ul
RT: 25.645 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 2741

Ion	Ratio	Lower	Upper
278	100		
139	25.8	19.0	28.6
279	38.2	29.4	44.2





#29
Benzo(g,h,i)perylene
Concen: 0.415 ng/ul
RT: 26.279 min Scan# 5766
Delta R.T. -0.013 min
Lab File: BM045453.D
Acq: 21 Apr 2024 09:44

Tgt Ion:276 Resp: 3196

Ion	Ratio	Lower	Upper
276	100		
138	29.1	20.8	31.2
277	29.8	21.8	32.8