Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
Data File : BM045614.D
Acq On : 27 Apr 2024 16:33
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Quant Time: Apr 28 22:54:38 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 : Fri Apr 26 23:51:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	1034	0.400	ng/ul	0.00
4) Naphthalene-d8	10.320	136	2935	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.200	164	1340	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.976	188	2528	0.400	ng/ul	0.00
17) Chrysene-d12	21.184	240	2082	0.400	ng/ul	0.00
23) Perylene-d12	23.373	264	3188	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.167	96	586	0.423	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	1467	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.010	212	2249	0.343	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.197	88	620	0.465	ng/ul#	81
5) Naphthalene	10.375	128	3227	0.409	ng/ul	94
7) 2-Methylnaphthalene	12.008	142	1787	0.397	ng/ul	96
8) 1-Methylnaphthalene	12.217	142	1978	0.392	ng/ul	98
10) Acenaphthylene	13.923	152	2854	0.432	ng/ul	98
11) Acenaphthene	14.261	153	2002	0.408	ng/ul	97
12) Fluorene	15.274	166	1983	0.378	ng/ul	99
14) Pentachlorophenol	16.651	266	271	0.538	ng/ul	92
15) Phenanthrene	17.018	178	2844	0.386	ng/ul	99
16) Anthracene	17.119	178	2878	0.418	ng/ul	96
19) Fluoranthene	19.043	202	3402	0.354	ng/ul	96
20) Pyrene	19.405	202	3680	0.373	ng/ul	96
21) Benzo(a)anthracene	21.176	228	3129	0.470	ng/ul	95
22) Chrysene	21.222	228	3803	0.372	ng/ul	98
24) Benzo(b)fluoranthene	22.721	252	4068	0.379	ng/ul	97
25) Benzo(k)fluoranthene	22.765	252	4786	0.353	ng/ul	98
26) Benzo(a)pyrene	23.286	252	4394	0.395	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.565	276	6284	0.389	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.578	278	4870	0.380	ng/ul	96
29) Benzo(g,h,i)perylene	26.226	276	5277	0.363	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042724\
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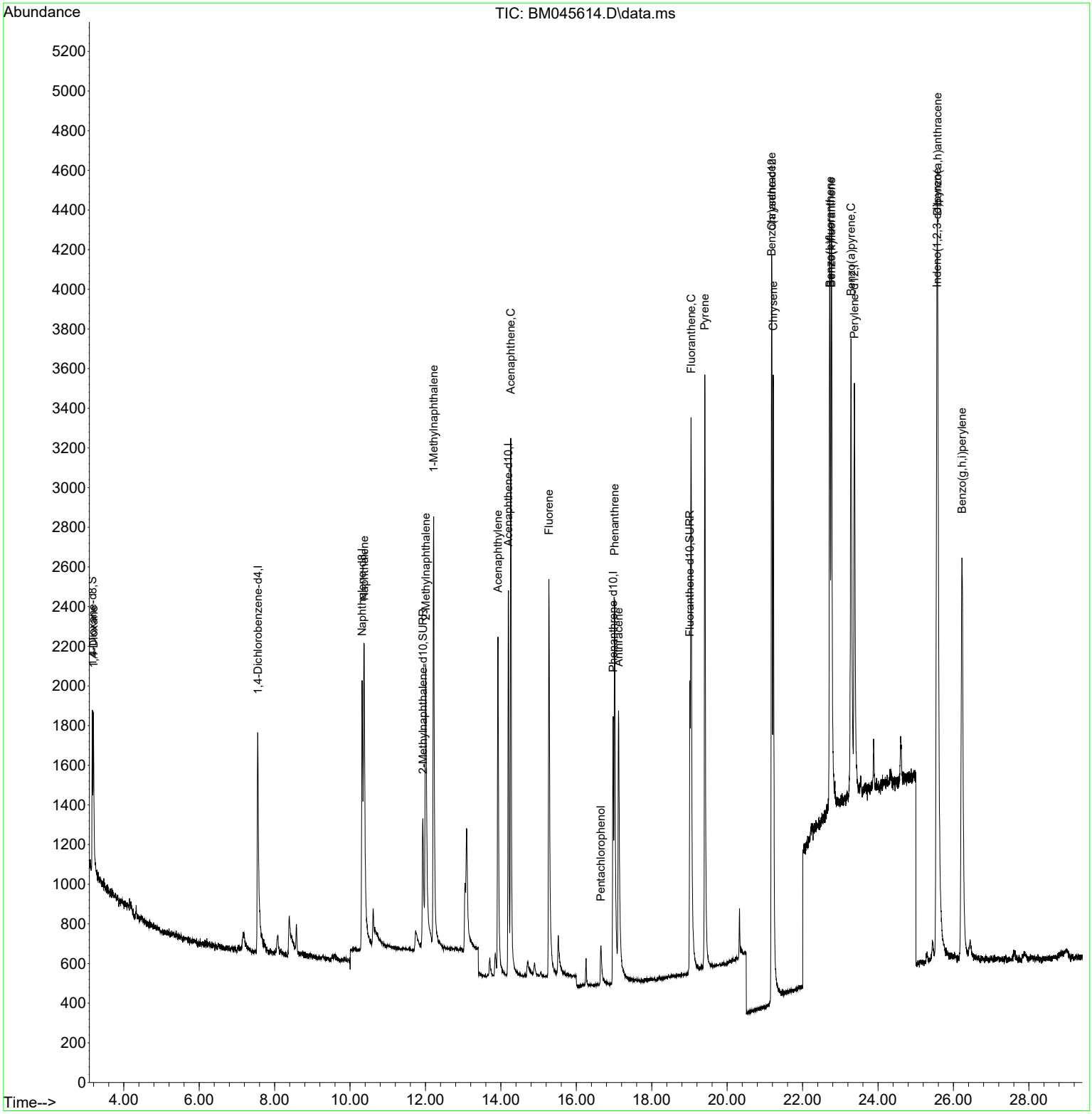
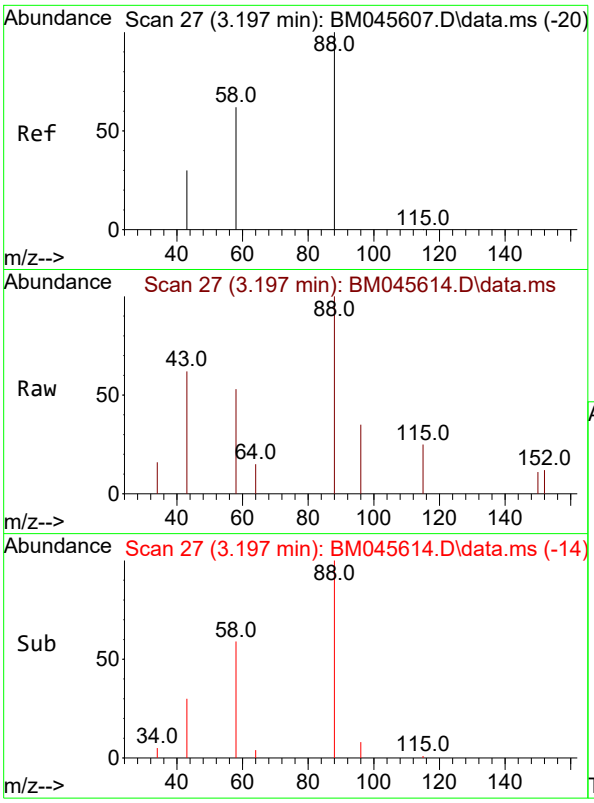


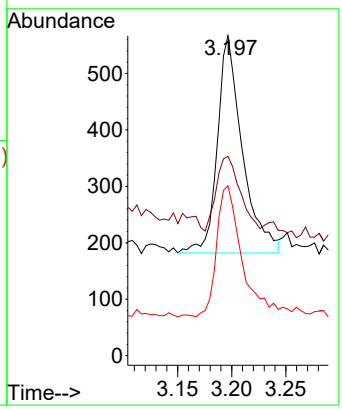


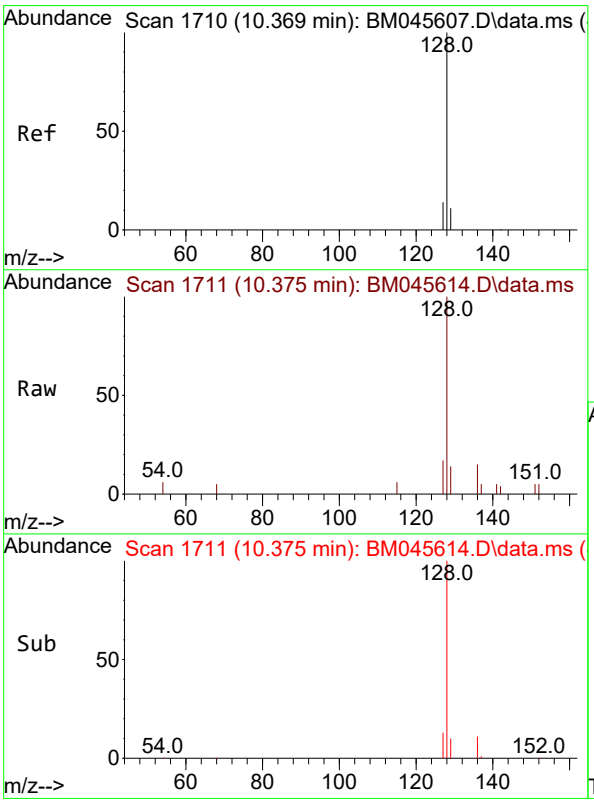
#2
1,4-Dioxane
Concen: 0.465 ng/ul
RT: 3.197 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion: 88 Resp: 620

Ion	Ratio	Lower	Upper
88	100		
43	62.3	36.8	55.2#
58	53.1	35.4	53.2

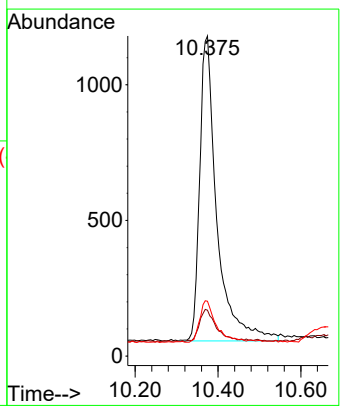


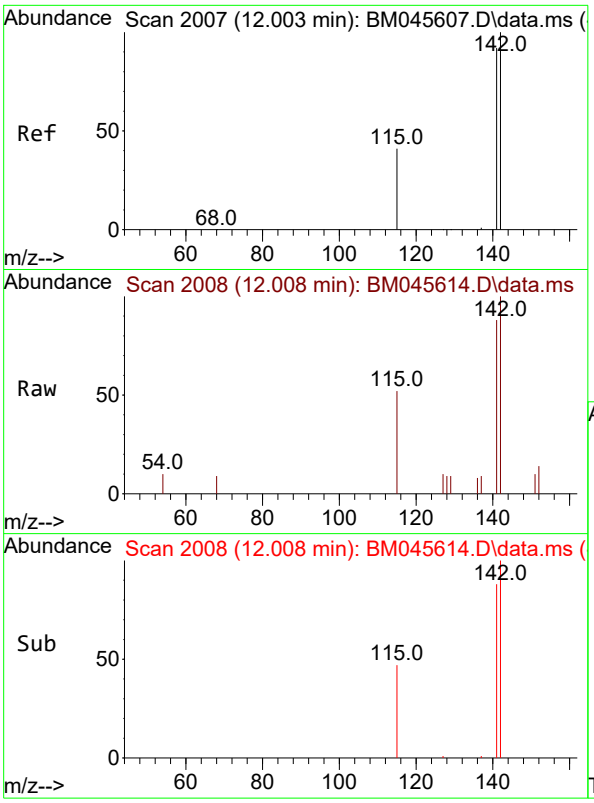


#5
Naphthalene
Concen: 0.409 ng/ul
RT: 10.375 min Scan# 1711
Delta R.T. -0.005 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Tgt Ion:128 Resp: 3227

Ion	Ratio	Lower	Upper
128	100		
129	14.3	14.0	21.0
127	17.1	15.4	23.2



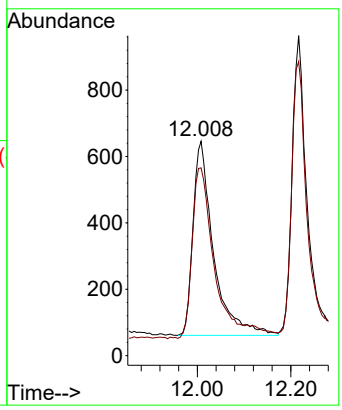


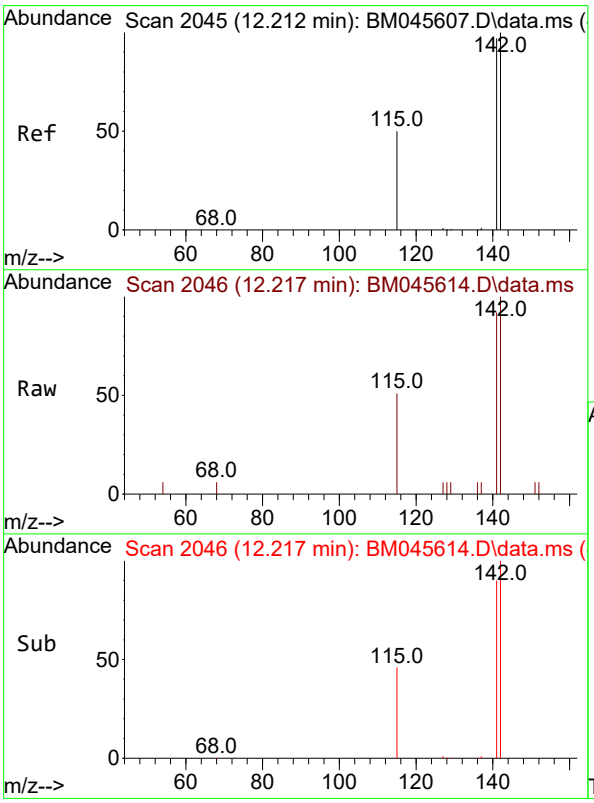
#7
2-Methylnaphthalene
Concen: 0.397 ng/ul
RT: 12.008 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:142 Resp: 1787

Ion	Ratio	Lower	Upper
142	100		
141	97.5	74.6	111.8

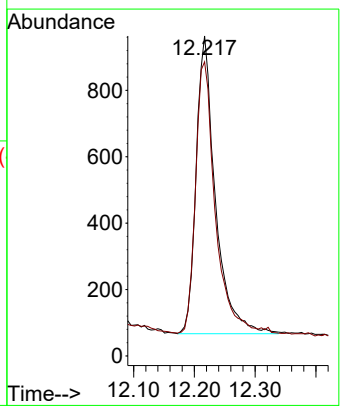


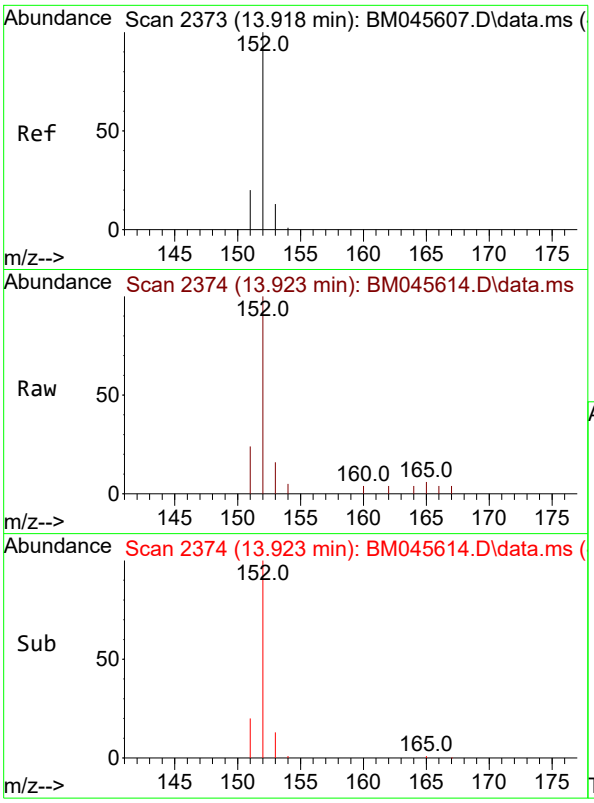


#8
1-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.217 min Scan# 2046
Delta R.T. -0.005 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Tgt Ion:142 Resp: 1978

Ion	Ratio	Lower	Upper
142	100		
141	93.1	76.1	114.1



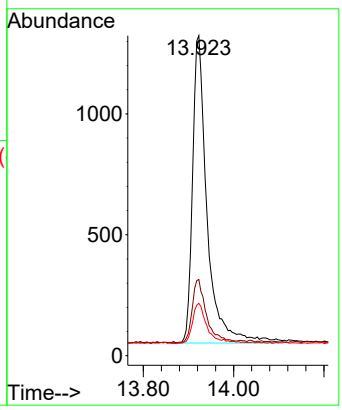


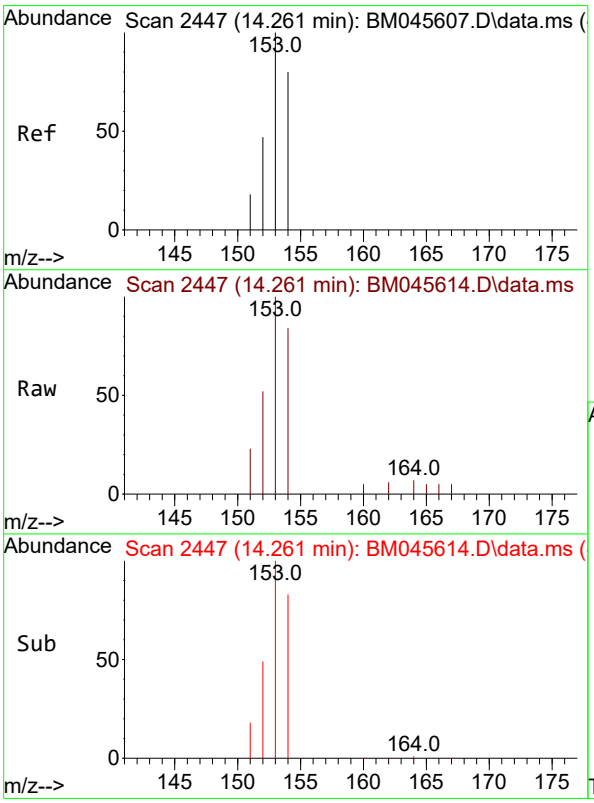
#10
Acenaphthylene
Concen: 0.432 ng/ul
RT: 13.923 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:152 Resp: 2854

Ion	Ratio	Lower	Upper
152	100		
151	23.8	18.6	28.0
153	16.3	14.1	21.1

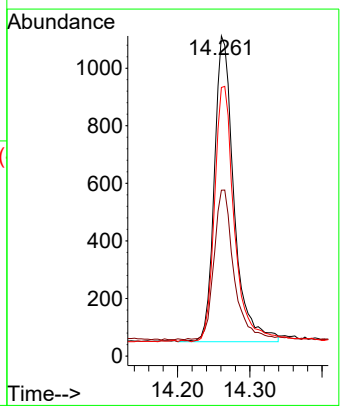


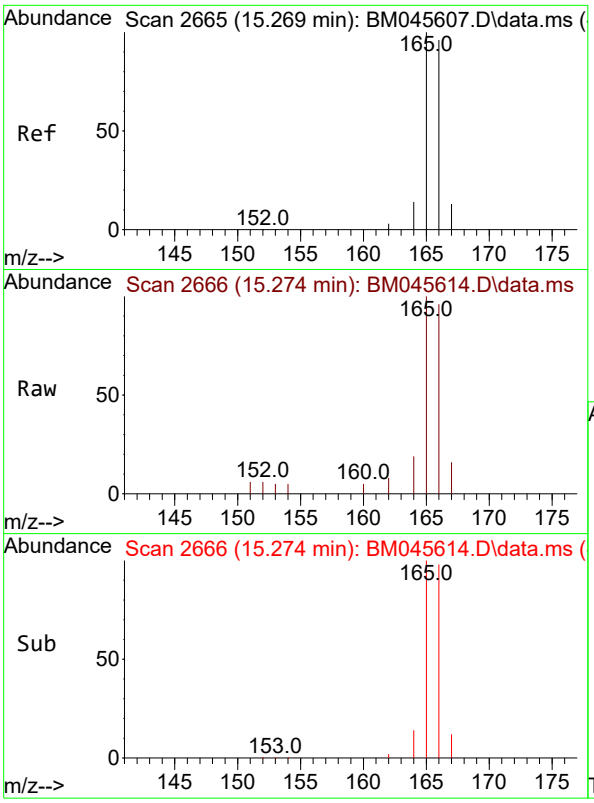


#11
Acenaphthene
Concen: 0.408 ng/ul
RT: 14.261 min Scan# 2447
Delta R.T. -0.009 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Tgt Ion:153 Resp: 2002

Ion	Ratio	Lower	Upper
153	100		
152	51.8	43.4	65.2
154	83.9	69.0	103.6



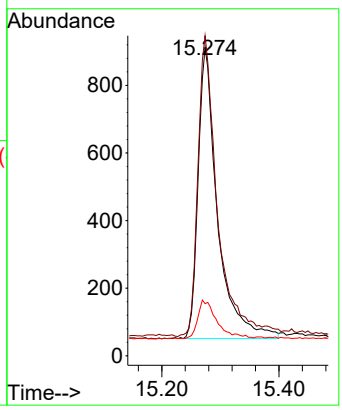


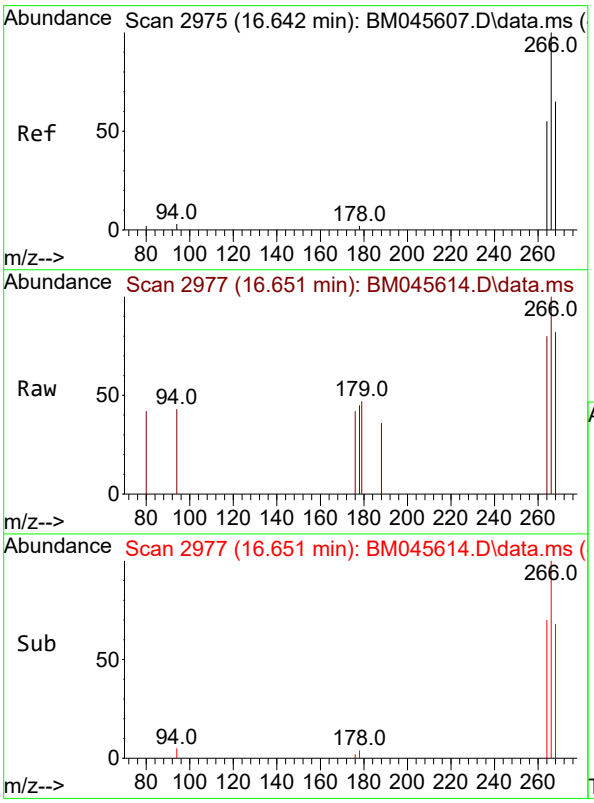
#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.274 min Scan# 2
Delta R.T. -0.004 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:166 Resp: 1983

Ion	Ratio	Lower	Upper
166	100		
165	103.7	82.2	123.2
167	16.9	14.8	22.2

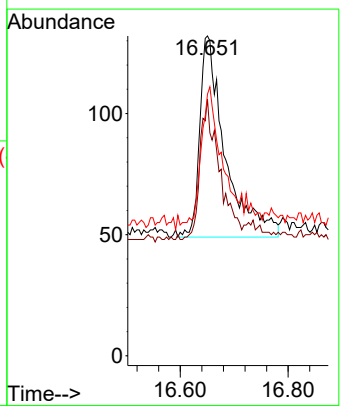


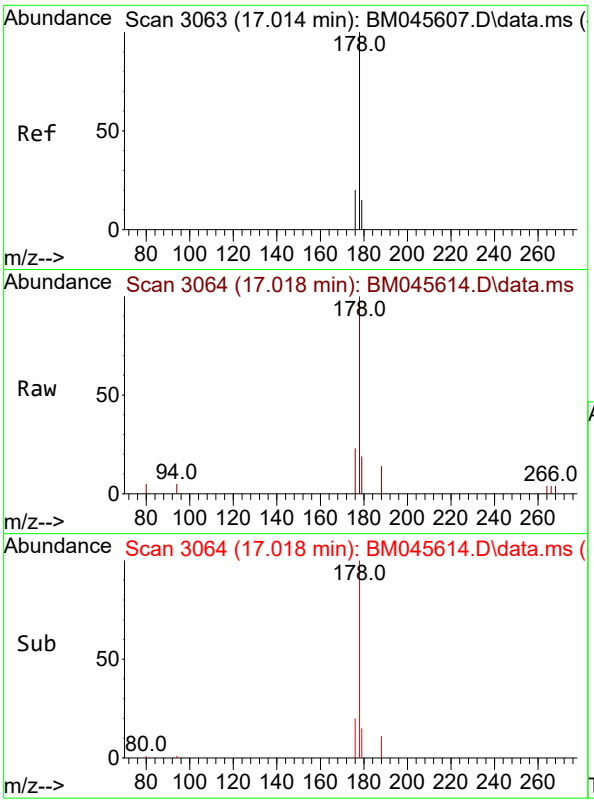


#14
Pentachlorophenol
Concen: 0.538 ng/ul
RT: 16.651 min Scan# 2977
Delta R.T. 0.000 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Tgt Ion:266 Resp: 271

Ion	Ratio	Lower	Upper
266	100		
264	53.5	45.5	68.3
268	61.3	56.1	84.1



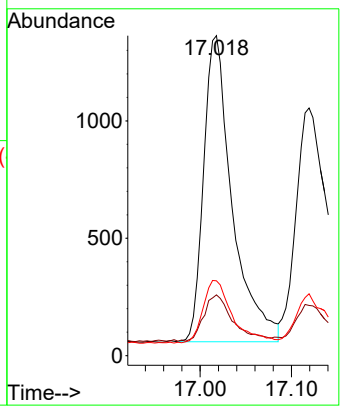


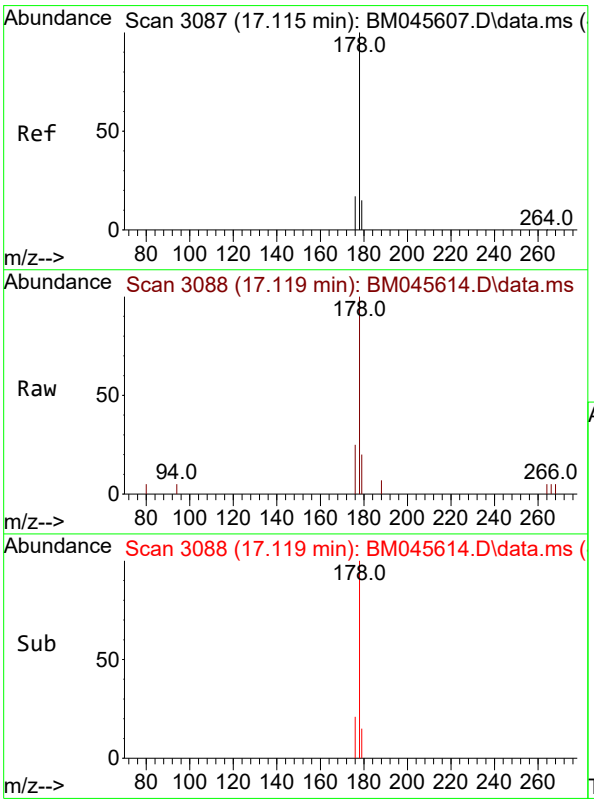
#15
Phenanthrene
Concen: 0.386 ng/ul
RT: 17.018 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:178 Resp: 2844

Ion	Ratio	Lower	Upper
178	100		
179	19.0	15.4	23.2
176	23.4	19.0	28.4

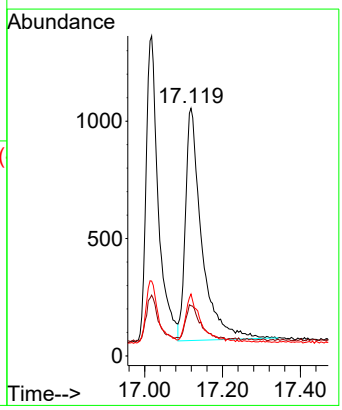


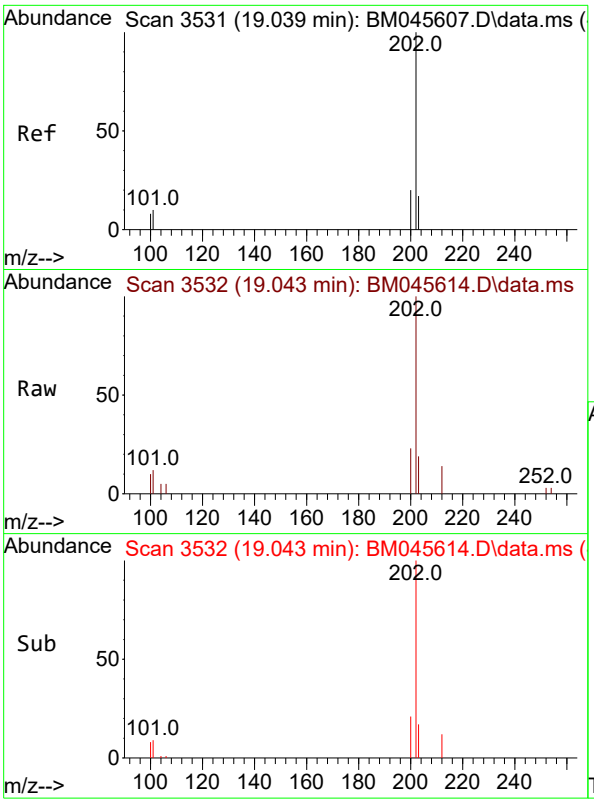


#16
Anthracene
Concen: 0.418 ng/ul
RT: 17.119 min Scan# 3088
Delta R.T. 0.000 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Tgt Ion:178 Resp: 2878

Ion	Ratio	Lower	Upper
178	100		
179	20.3	17.8	26.6
176	25.0	18.7	28.1



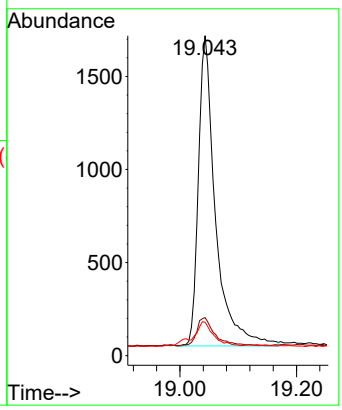


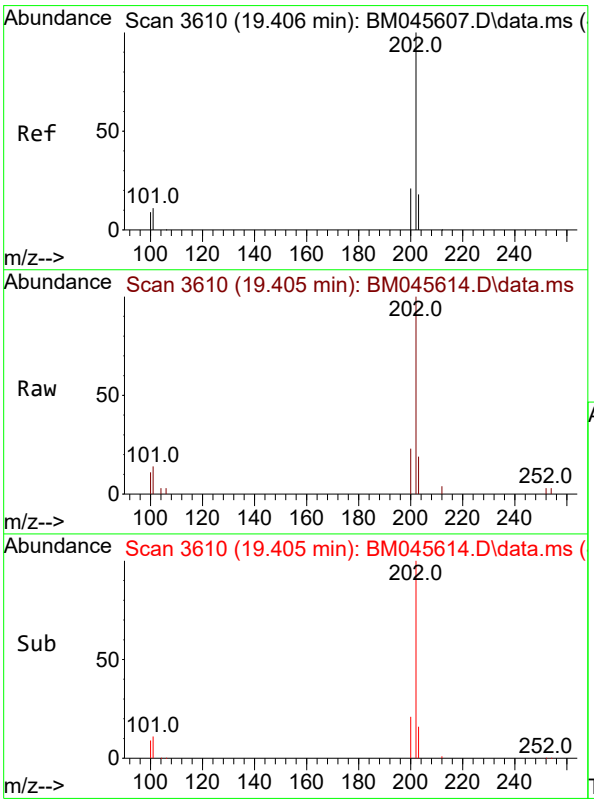
#19
Fluoranthene
Concen: 0.354 ng/ul
RT: 19.043 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:202 Resp: 3402

Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.2	16.8
100	10.4	9.1	13.7

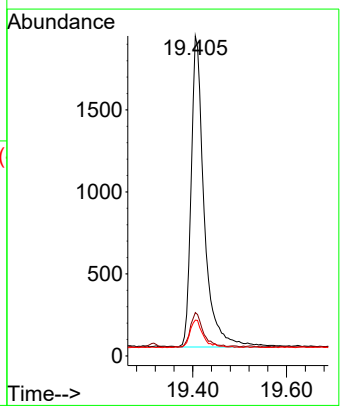


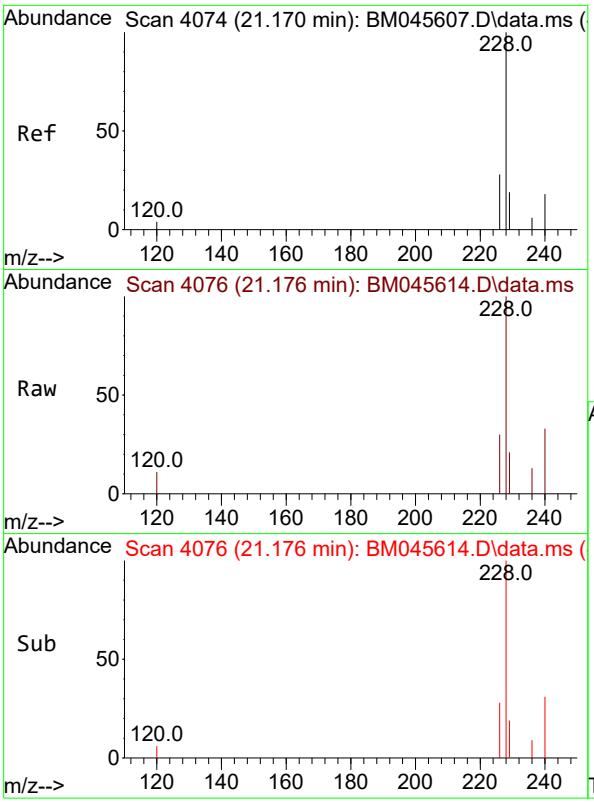


#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.405 min Scan# 3610
Delta R.T. -0.009 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Tgt Ion:202 Resp: 3680

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.5	17.3
100	11.2	10.6	15.8



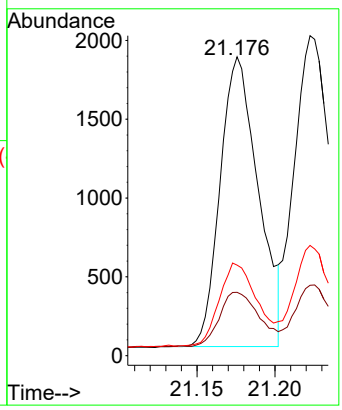


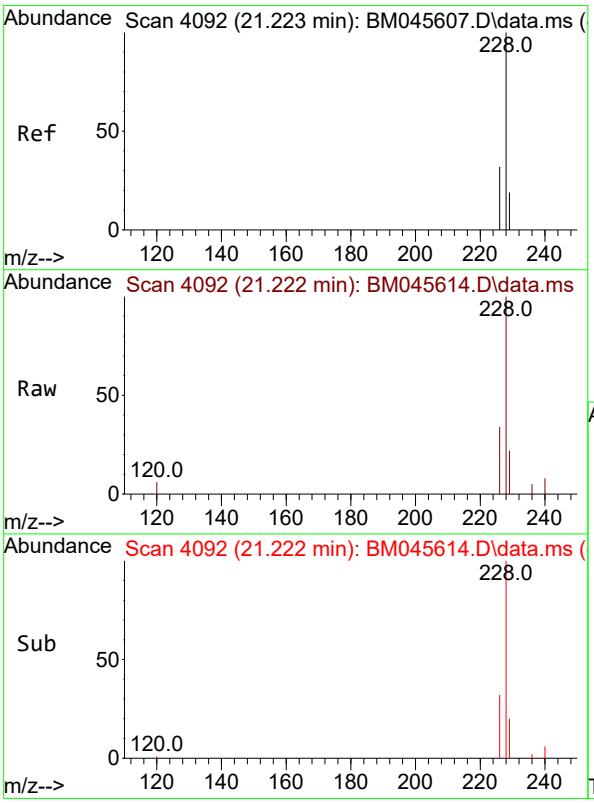
#21
Benzo(a)anthracene
Concen: 0.470 ng/ul
RT: 21.176 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:228 Resp: 3129

Ion	Ratio	Lower	Upper
228	100		
229	21.2	19.4	29.2
226	30.3	26.3	39.5

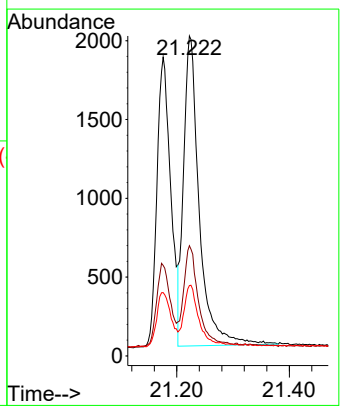


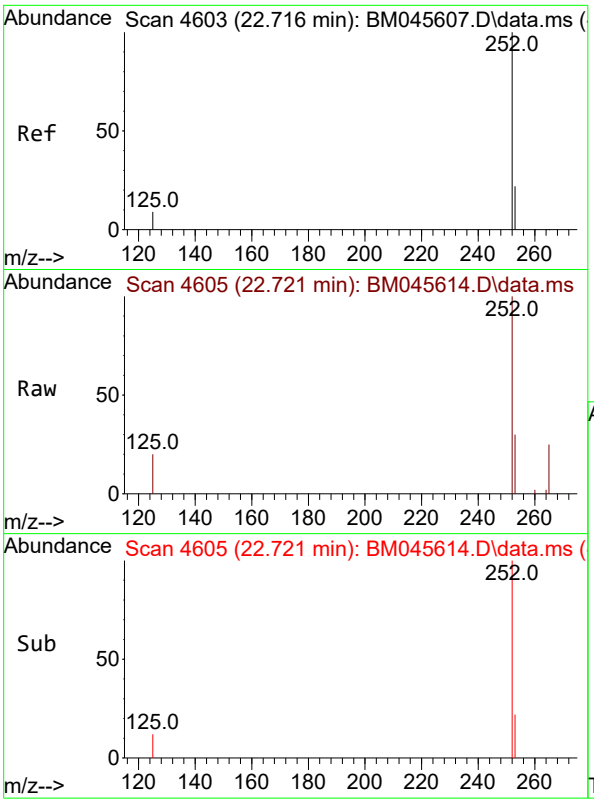


#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.222 min Scan# 4092
Delta R.T. -0.006 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Tgt Ion:228 Resp: 3803

Ion	Ratio	Lower	Upper
228	100		
226	34.4	26.3	39.5
229	22.0	17.8	26.8



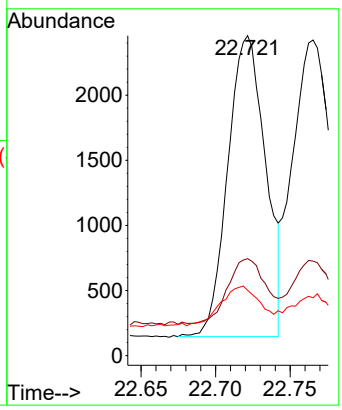


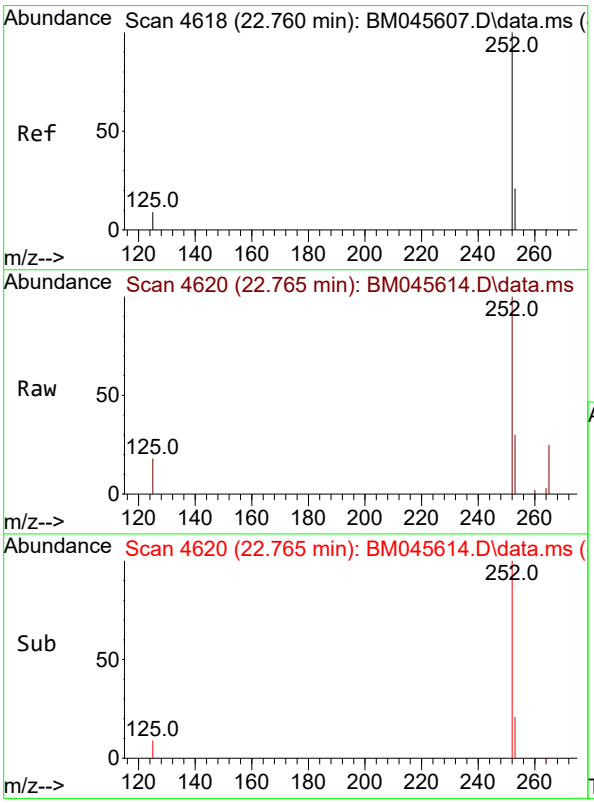
#24
Benzo(b)fluoranthene
Concen: 0.379 ng/ul
RT: 22.721 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:252 Resp: 4068

Ion	Ratio	Lower	Upper
252	100		
253	30.3	0.0	63.4
125	20.4	0.0	36.8

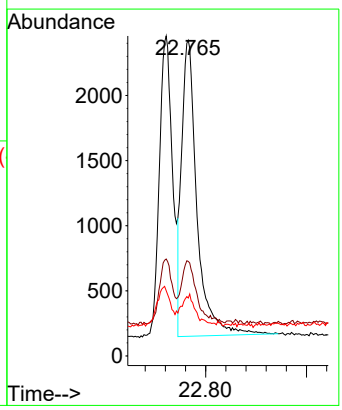


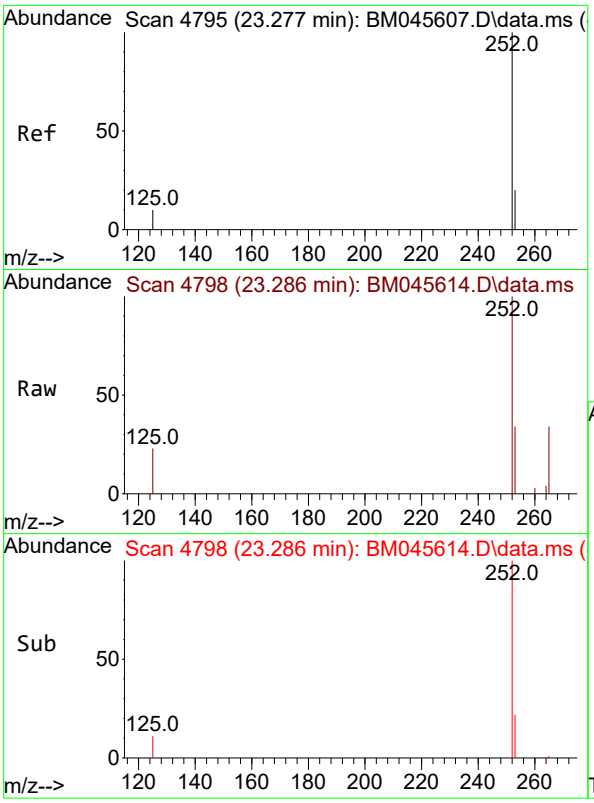


#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul
RT: 22.765 min Scan# 4620
Delta R.T. -0.006 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Tgt Ion:252 Resp: 4786

Ion	Ratio	Lower	Upper
252	100		
253	30.0	25.4	38.0
125	18.4	14.8	22.2



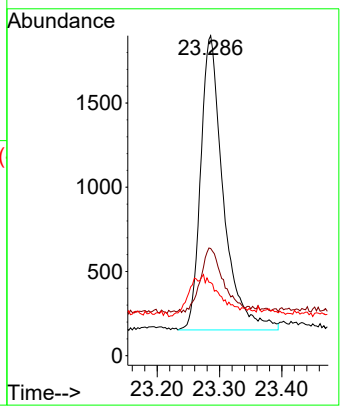


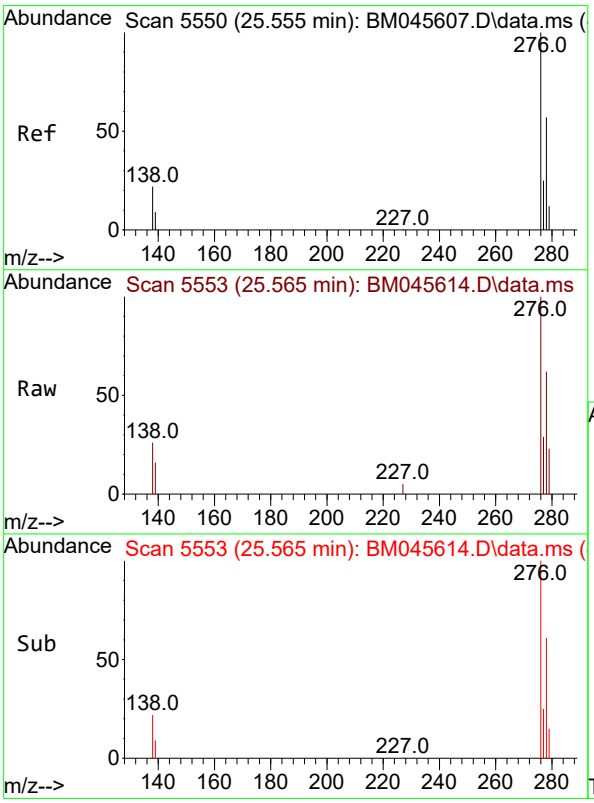
#26
Benzo(a)pyrene
Concen: 0.395 ng/ul
RT: 23.286 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:252 Resp: 4394

Ion	Ratio	Lower	Upper
252	100		
253	33.5	31.6	47.4
125	22.8	19.5	29.3

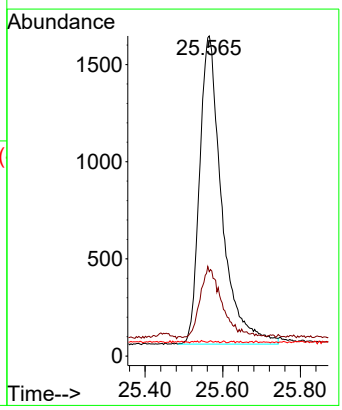


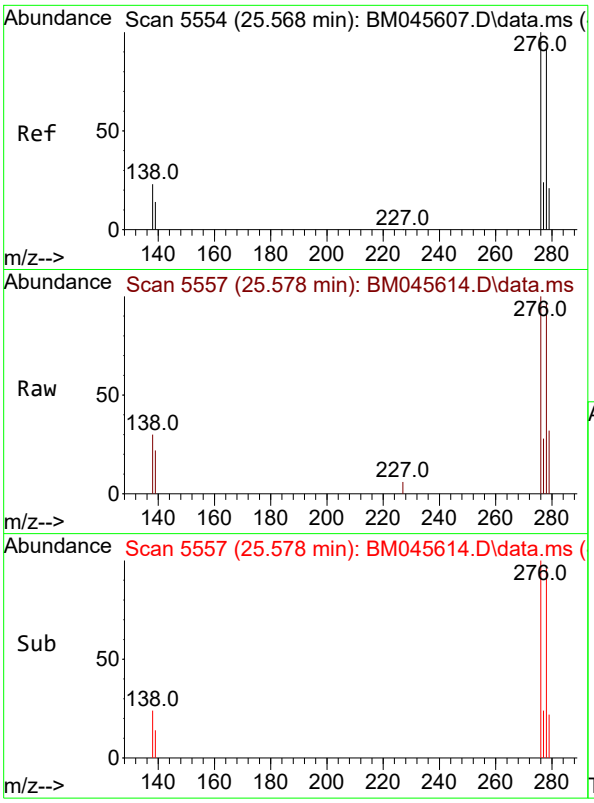


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 25.565 min Scan# 5553
Delta R.T. -0.006 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Tgt Ion:276 Resp: 6284

Ion	Ratio	Lower	Upper
276	100		
138	23.3	19.8	29.6
227	0.1	0.2	0.2#



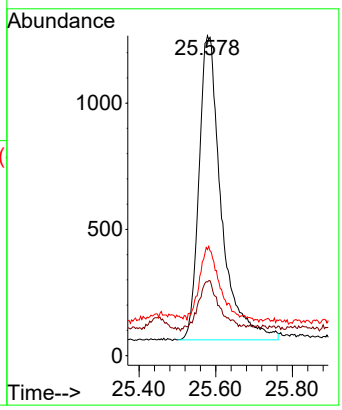


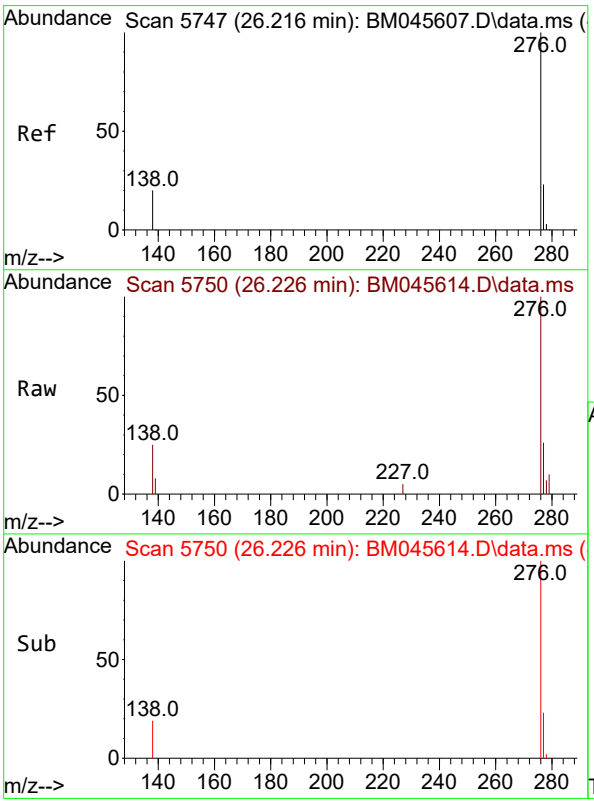
#28
Dibenzo(a,h)anthracene
Concen: 0.380 ng/ul
RT: 25.578 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Instrument :
BNA_M
ClientSampleId :
SSTD0.4100

Tgt Ion:278 Resp: 4870

Ion	Ratio	Lower	Upper
278	100		
139	23.0	19.0	28.6
279	33.1	29.4	44.2





#29
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 26.226 min Scan# 5750
Delta R.T. -0.010 min
Lab File: BM045614.D
Acq: 27 Apr 2024 16:33

Tgt Ion:276 Resp: 5277

Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.8	31.2
277	26.2	21.8	32.8