Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043612.D
Acq On : 27 Dec 2023 17:46
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4168

Quant Time: Dec 27 21:42:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 22:58:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	5868	0.400	ng/ul	0.00
4) Naphthalene-d8	10.779	136	17399	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.606	164	7238	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	13445	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.527	240	8322	0.400	ng/ul	# 0.00
23) Perylene-d12	23.942	264	9515	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	3430	0.463	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.363	152	8509	0.345	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	10245	0.345	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.414	88	3387	0.455	ng/ul#	77
5) Naphthalene	10.823	128	19679	0.376	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	11289	0.334	ng/ul	100
8) 1-Methylnaphthalene	12.654	142	11173	0.330	ng/ul	100
10) Acenaphthylene	14.328	152	15028	0.377	ng/ul	99
11) Acenaphthene	14.666	153	11150	0.385	ng/ul	99
12) Fluorene	15.656	166	11714	0.357	ng/ul	100
14) Pentachlorophenol	16.999	266	1137	0.382	ng/ul	96
15) Phenanthrene	17.392	178	16762	0.374	ng/ul	99
16) Anthracene	17.485	178	15511	0.381	ng/ul	99
19) Fluoranthene	19.403	202	16030	0.341	ng/ul#	91
20) Pyrene	19.766	202	16442	0.353	ng/ul	94
21) Benzo(a)anthracene	21.512	228	13380	0.366	ng/ul	99
22) Chrysene	21.565	228	14448	0.375	ng/ul	99
24) Benzo(b)fluoranthene	23.205	252	14367	0.333	ng/ul	92
25) Benzo(k)fluoranthene	23.252	252	16263	0.363	ng/ul#	91
26) Benzo(a)pyrene	23.836	252	13196	0.370	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.455	276	18220	0.449	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.481	278	14845	0.462	ng/ul#	94
29) Benzo(g,h,i)perylene	27.226	276	15539	0.449	ng/ul	95

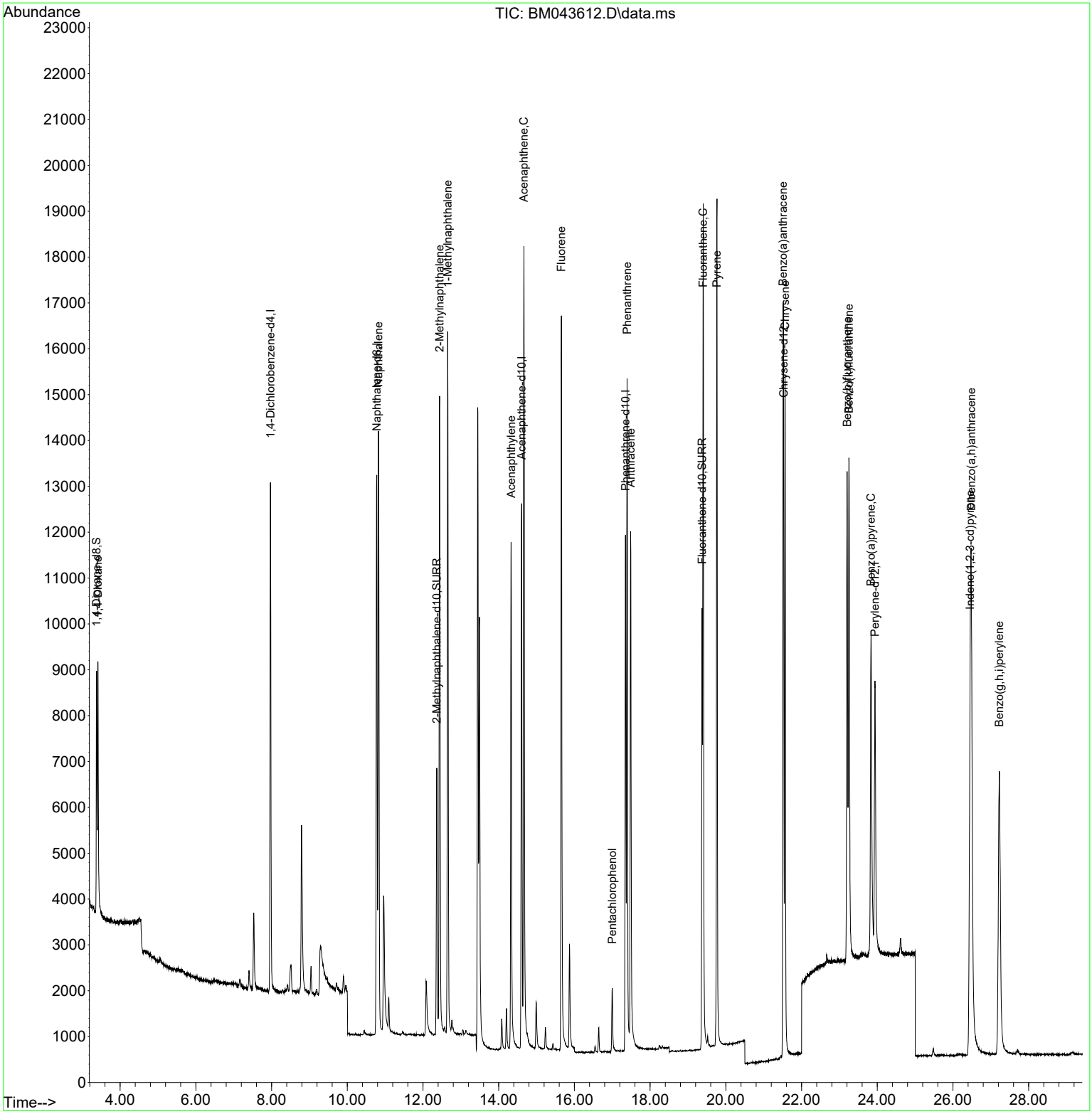
(#) = qualifier out of range (m) = manual integration (+) = signals summed

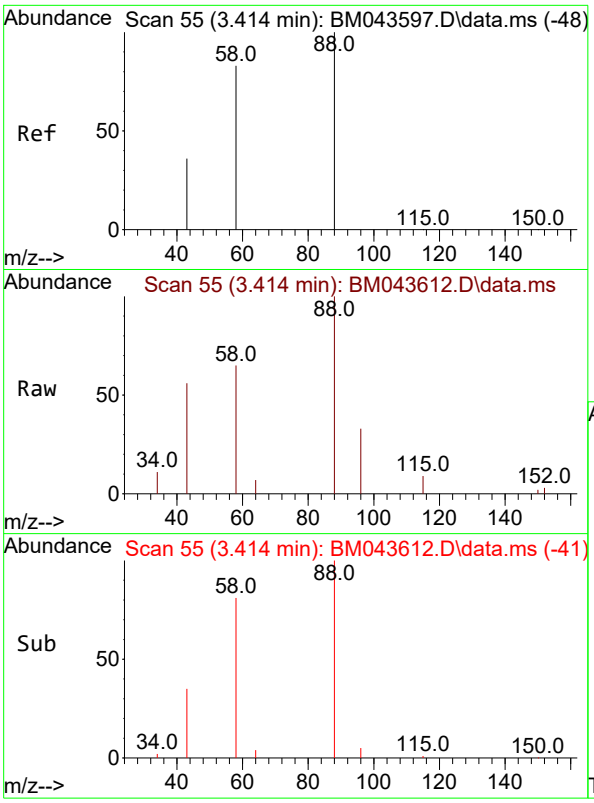
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122623\
Data File : BM043612.D
Acq On : 27 Dec 2023 17:46
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.4168

Quant Time: Dec 27 21:42:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 22:58:31 2023
Response via : Initial Calibration



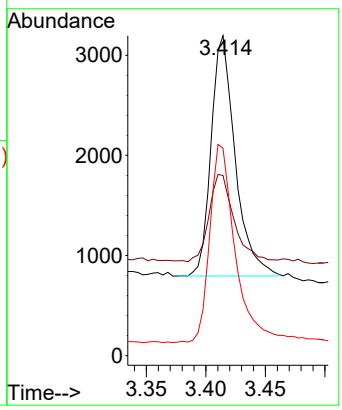


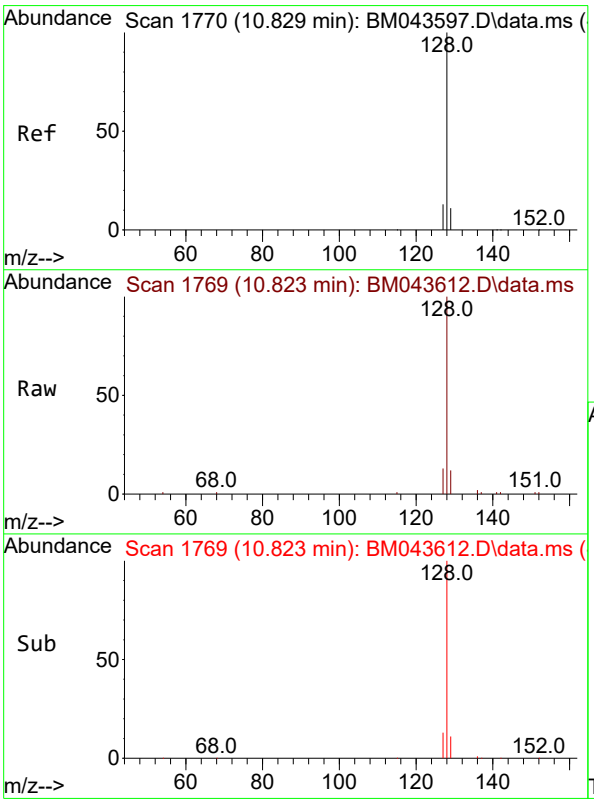
#2
1,4-Dioxane
Concen: 0.455 ng/ul
RT: 3.414 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.4168

Tgt Ion: 88 Resp: 3387

Ion	Ratio	Lower	Upper
88	100		
43	56.3	27.9	41.9#
58	64.8	43.4	65.2

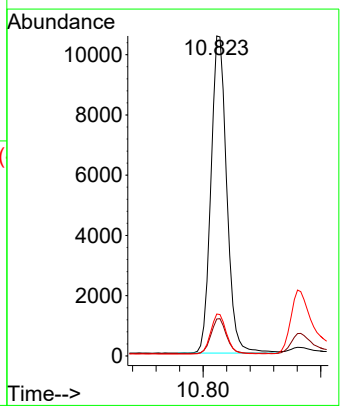


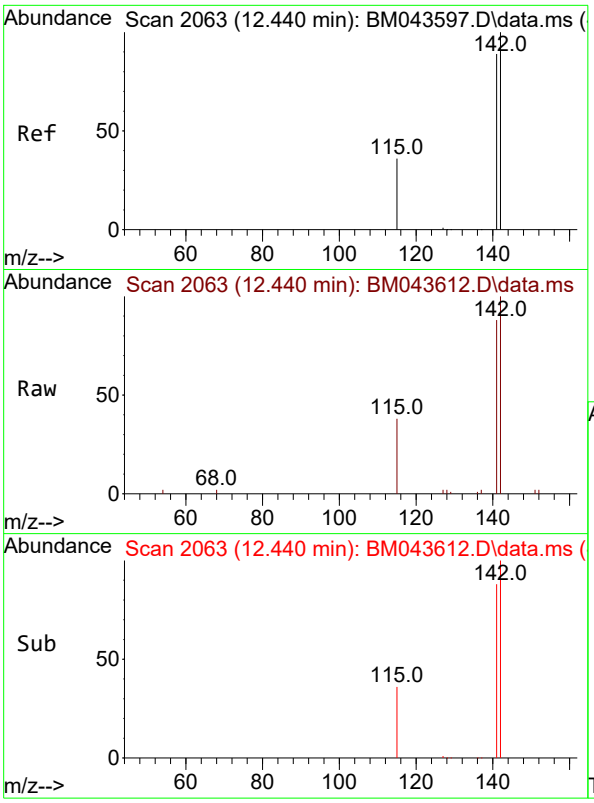


#5
Naphthalene
Concen: 0.376 ng/ul
RT: 10.823 min Scan# 1769
Delta R.T. -0.005 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Tgt Ion:128 Resp: 19679

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.1	10.3	15.5



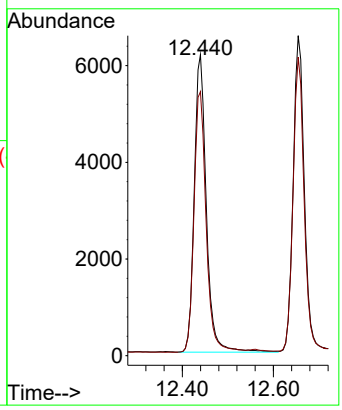


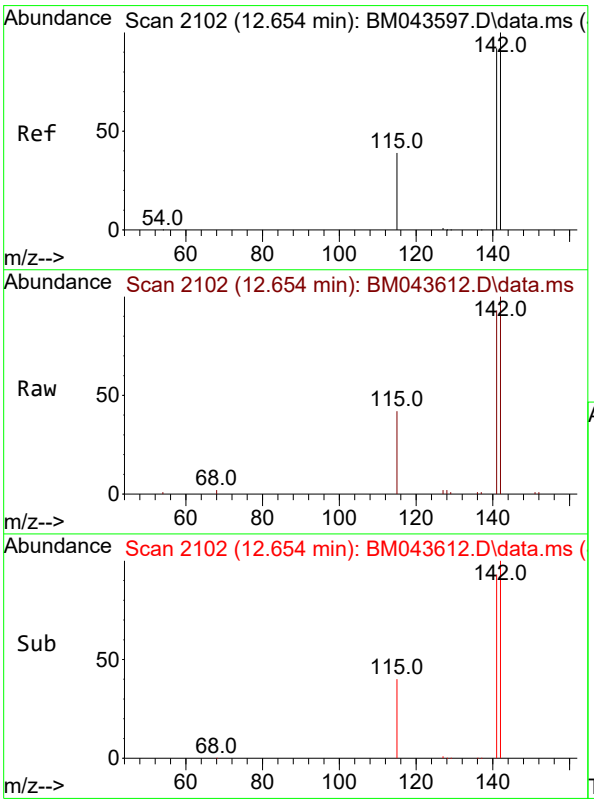
#7
2-Methylnaphthalene
Concen: 0.334 ng/ul
RT: 12.440 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.4168

Tgt Ion:142 Resp: 11289

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3

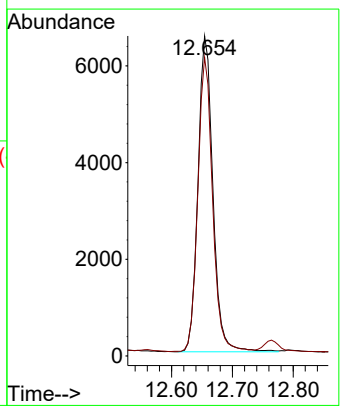


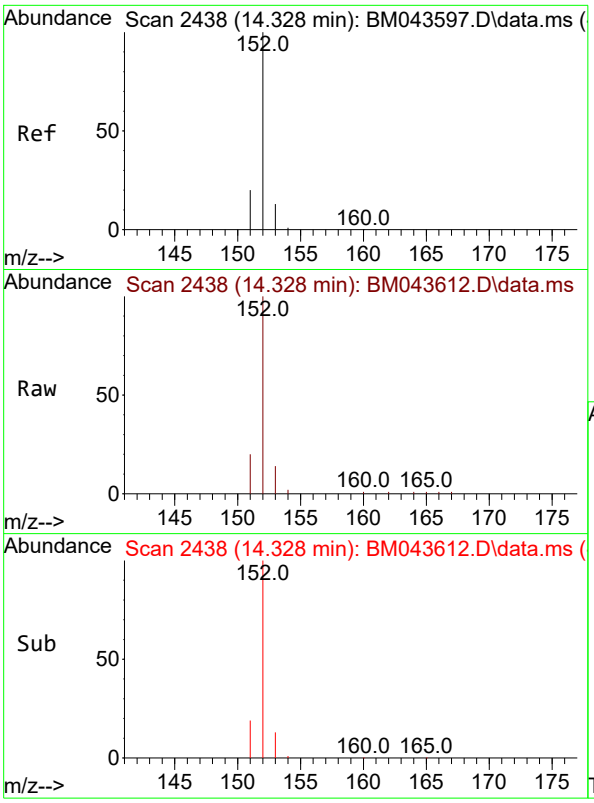


#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.654 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Tgt Ion:142 Resp: 11173

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.7	110.5



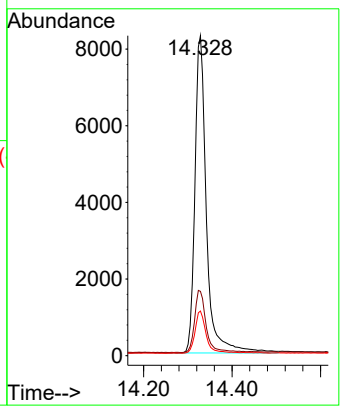


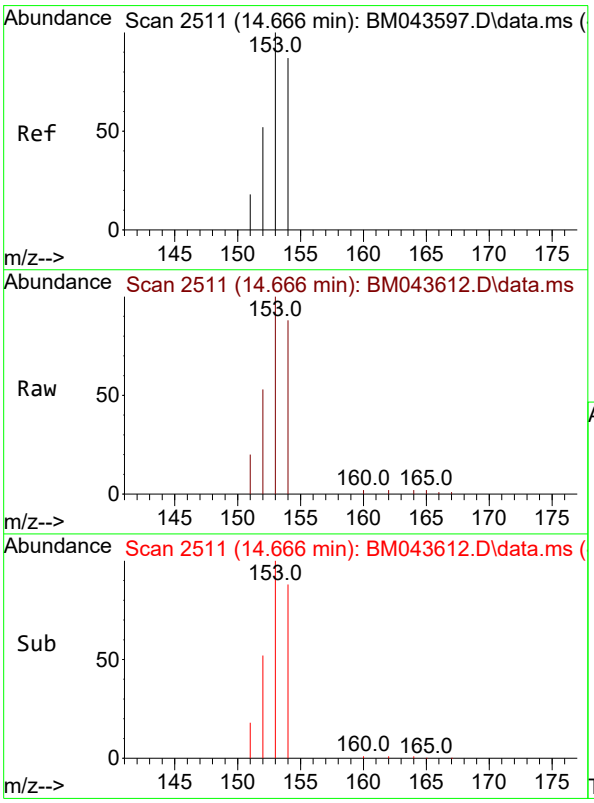
#10
Acenaphthylene
Concen: 0.377 ng/ul
RT: 14.328 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.4168

Tgt Ion:152 Resp: 15028

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	14.0	10.4	15.6

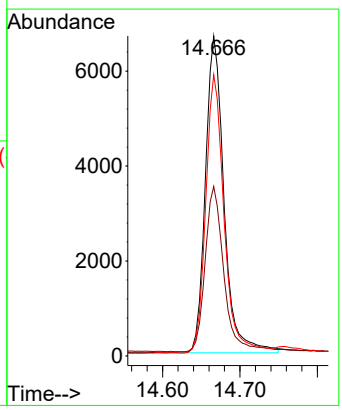


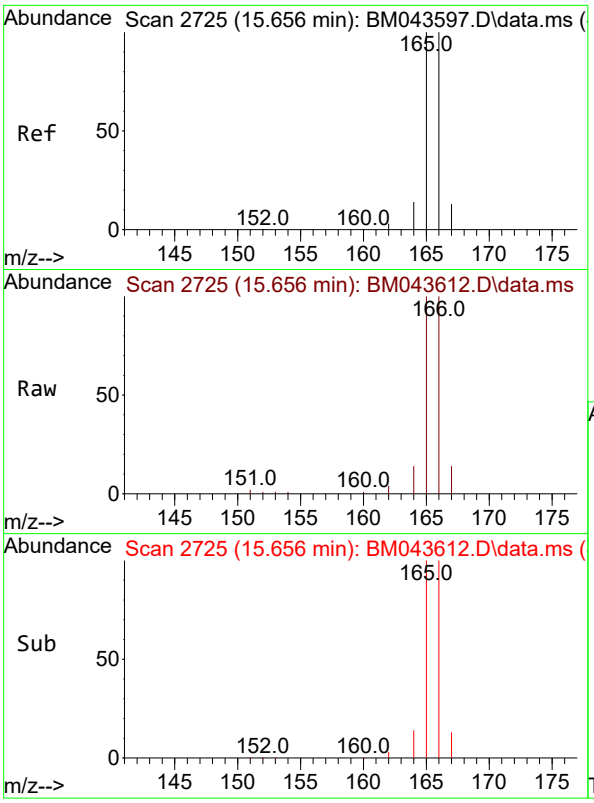


#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.666 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Tgt Ion:153 Resp: 11150

Ion	Ratio	Lower	Upper
153	100		
152	52.9	42.1	63.1
154	87.9	71.3	106.9



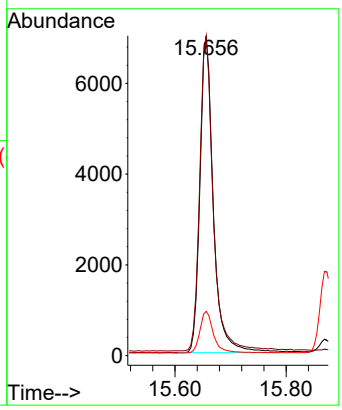


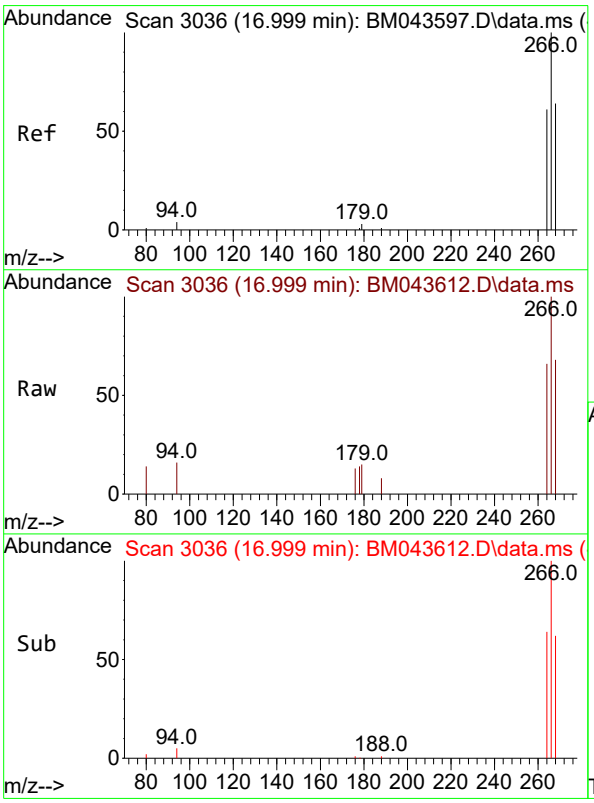
#12
Fluorene
Concen: 0.357 ng/ul
RT: 15.656 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.4168

Tgt Ion:166 Resp: 11714

Ion	Ratio	Lower	Upper
166	100		
165	100.4	80.3	120.5
167	13.9	10.8	16.2

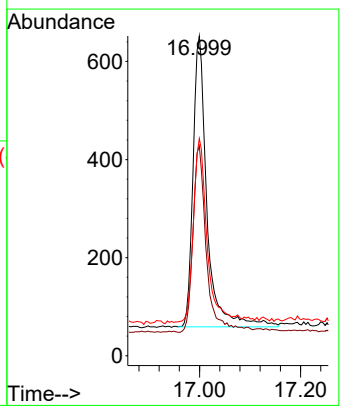


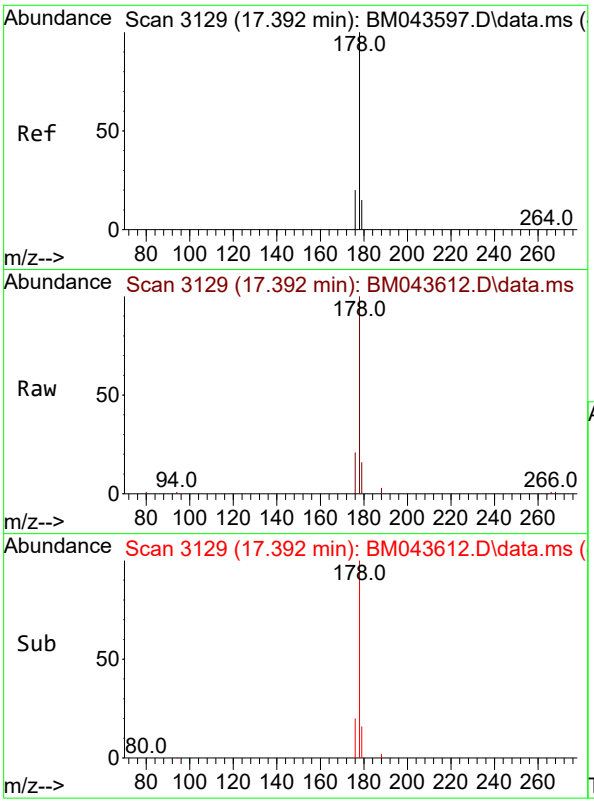


#14
Pentachlorophenol
Concen: 0.382 ng/ul
RT: 16.999 min Scan# 3036
Delta R.T. -0.004 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Tgt Ion:266 Resp: 1137

Ion	Ratio	Lower	Upper
266	100		
264	61.6	51.7	77.5
268	61.3	51.9	77.9



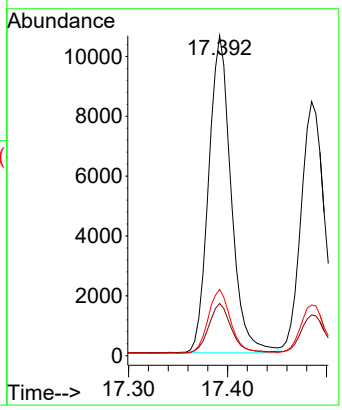


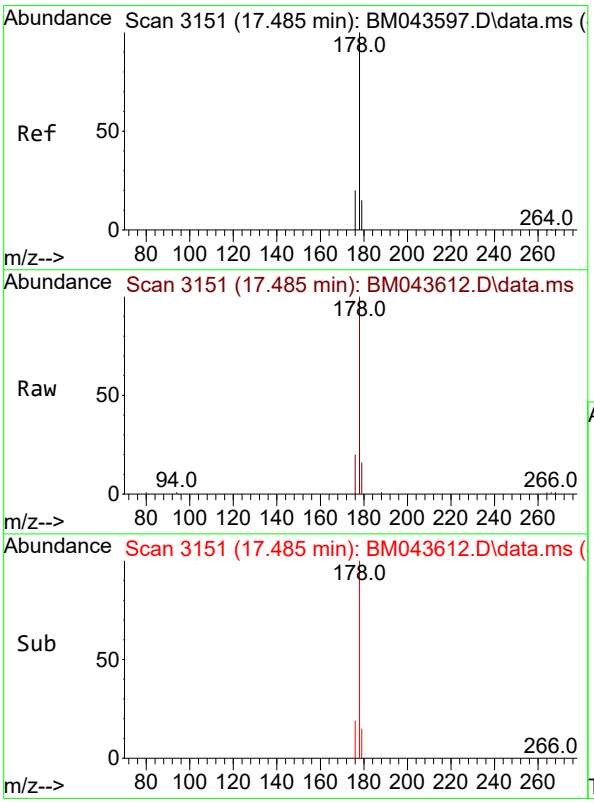
#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.392 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.4168

Tgt Ion:178 Resp: 16762

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.4	18.6
176	20.7	16.2	24.2

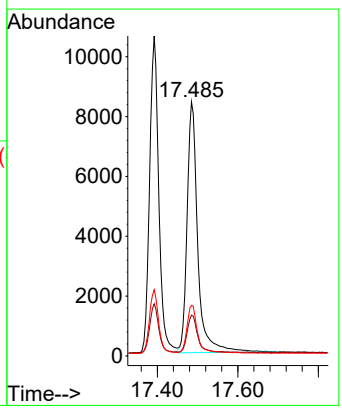


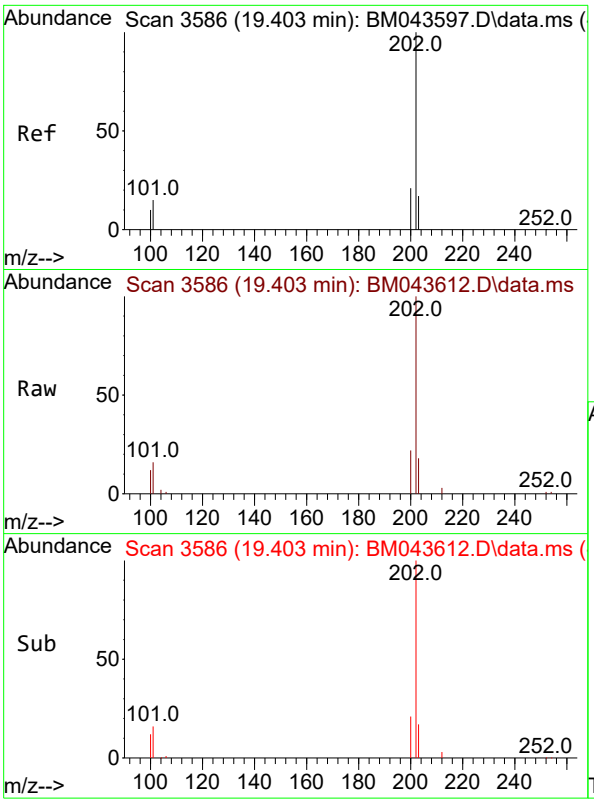


#16
Anthracene
Concen: 0.381 ng/ul
RT: 17.485 min Scan# 3151
Delta R.T. -0.004 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Tgt Ion:178 Resp: 15511

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	20.0	15.6	23.4



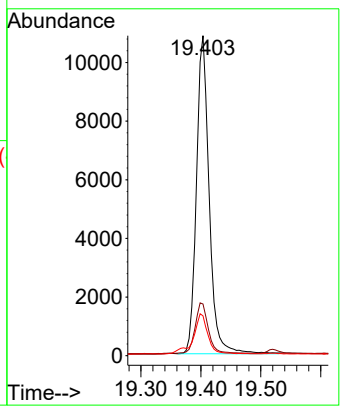


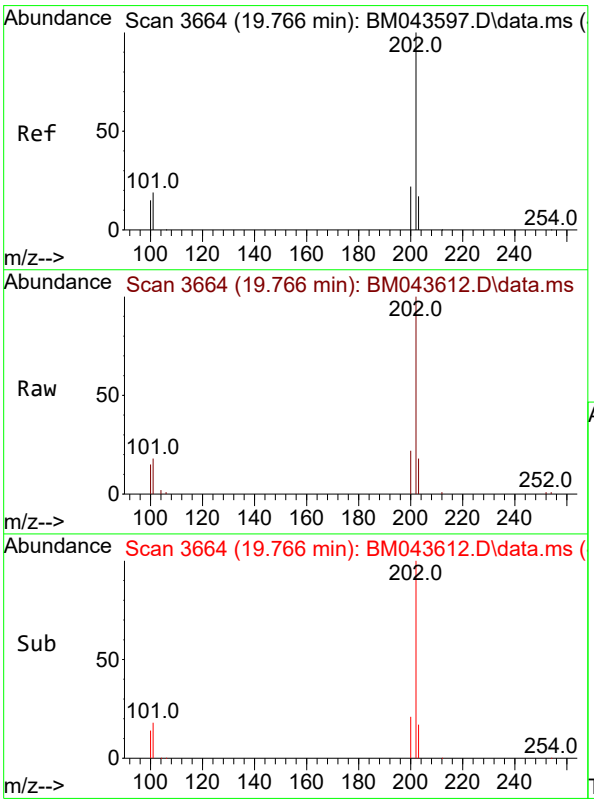
#19
Fluoranthene
Concen: 0.341 ng/ul
RT: 19.403 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.4168

Tgt Ion:202 Resp: 16030

Ion	Ratio	Lower	Upper
202	100		
101	16.2	10.1	15.1#
100	12.5	7.4	11.2#

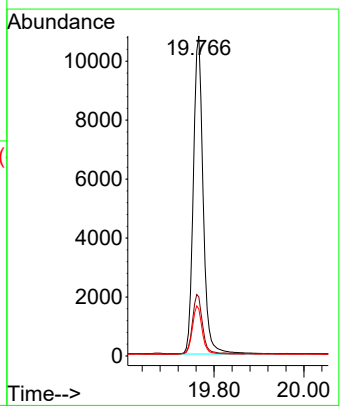


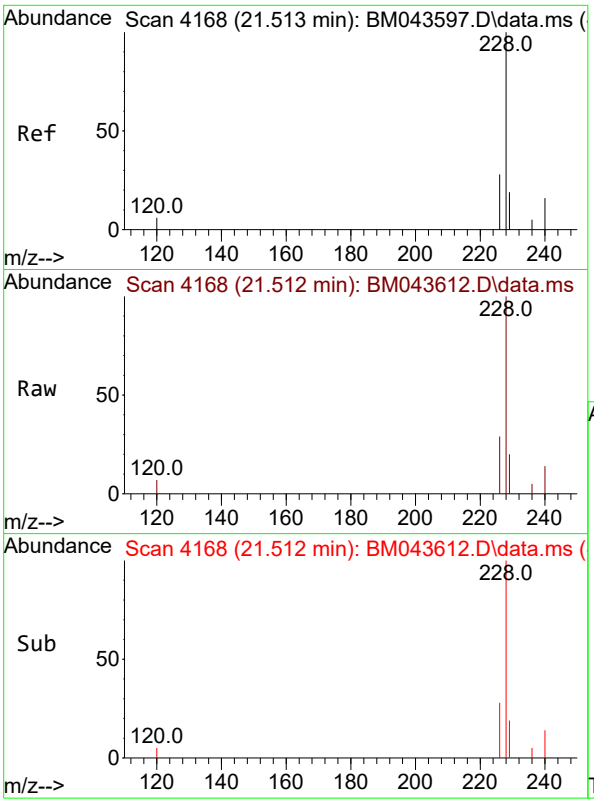


#20
Pyrene
Concen: 0.353 ng/ul
RT: 19.766 min Scan# 3664
Delta R.T. 0.000 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Tgt Ion:202 Resp: 16442

Ion	Ratio	Lower	Upper
202	100		
101	18.5	12.7	19.1
100	14.7	9.8	14.8



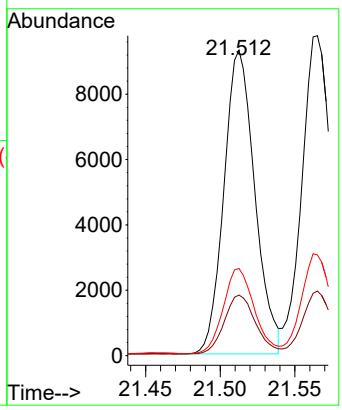


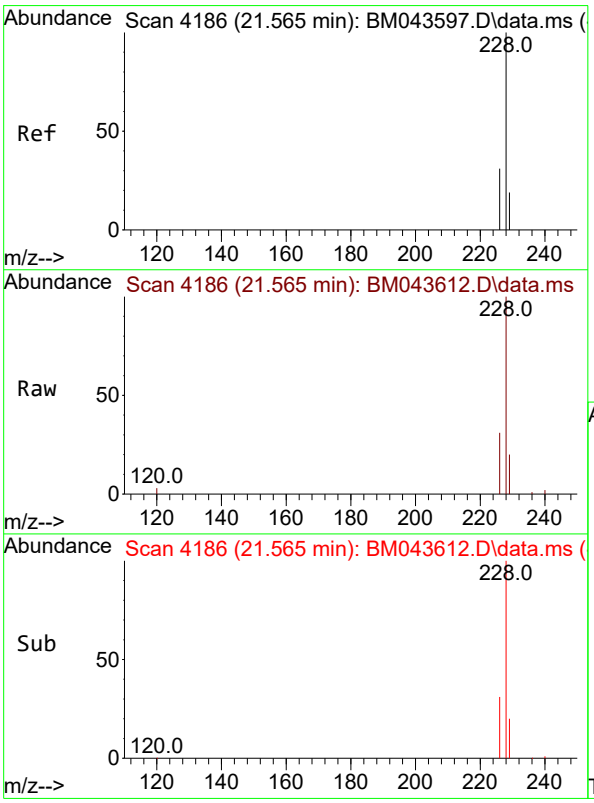
#21
Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.512 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.4168

Tgt Ion:228 Resp: 13380

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.5	23.3
226	28.5	22.6	34.0

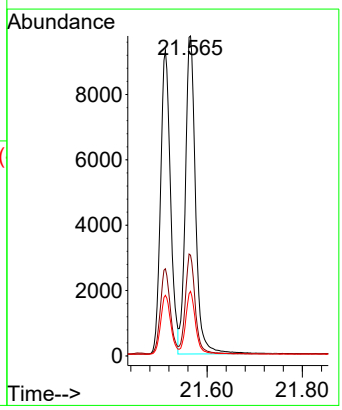


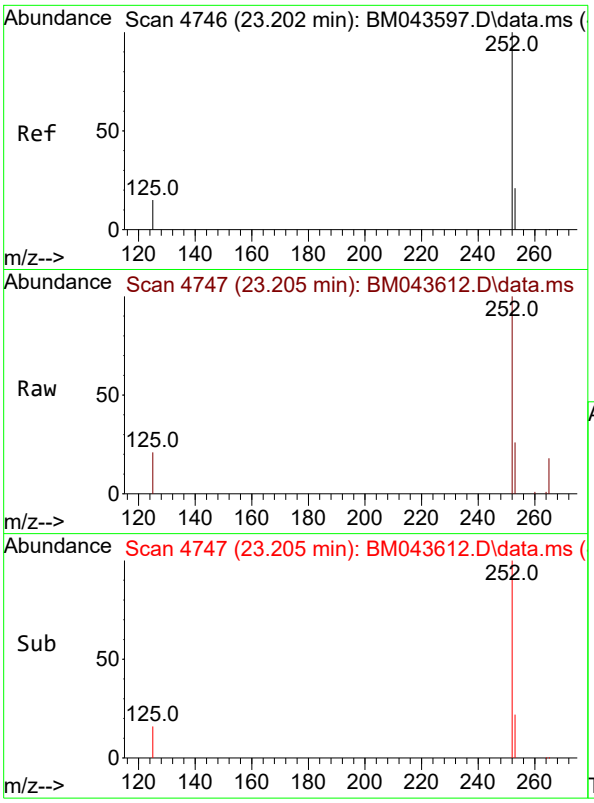


#22
Chrysene
Concen: 0.375 ng/ul
RT: 21.565 min Scan# 4186
Delta R.T. 0.000 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Tgt Ion:228 Resp: 14448

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.8	37.2
229	20.2	15.7	23.5



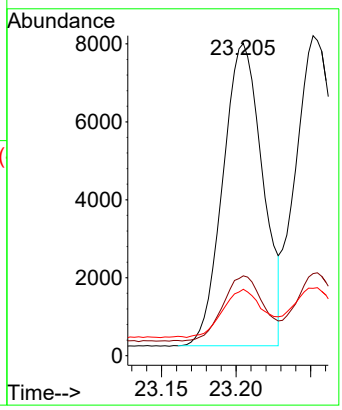


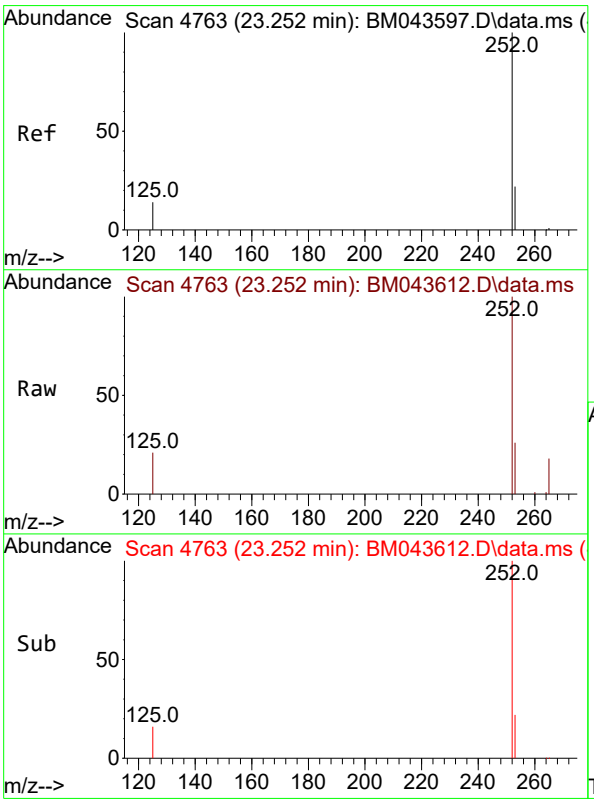
#24
Benzo(b)fluoranthene
Concen: 0.333 ng/ul
RT: 23.205 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.4168

Tgt Ion:252 Resp: 14367

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	48.8
125	21.3	0.0	29.2

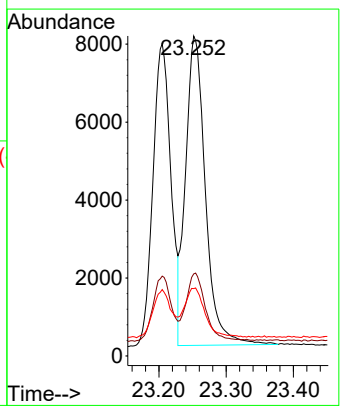


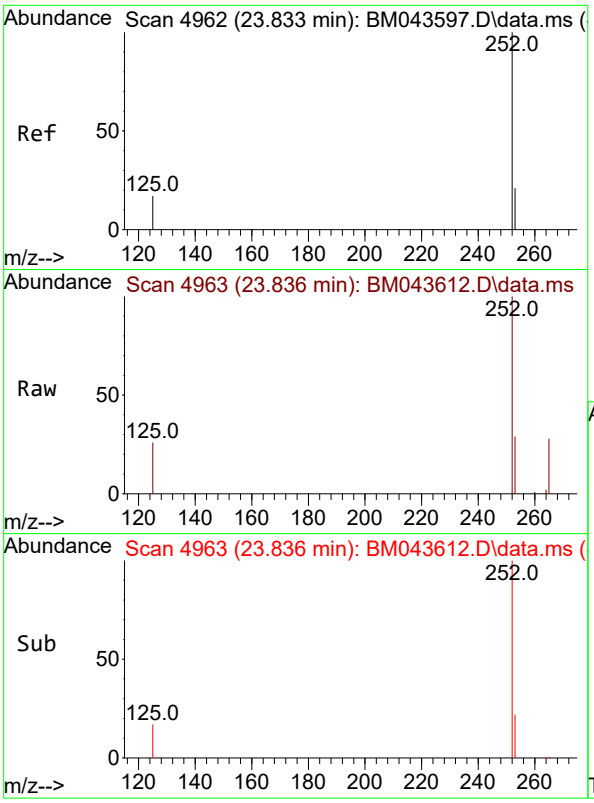


#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 23.252 min Scan# 4763
Delta R.T. -0.003 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Tgt Ion:252 Resp: 16263

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.6	28.0
125	21.1	11.8	17.8#



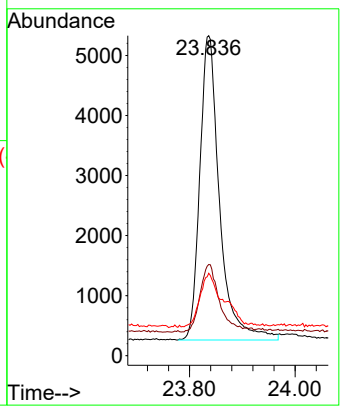


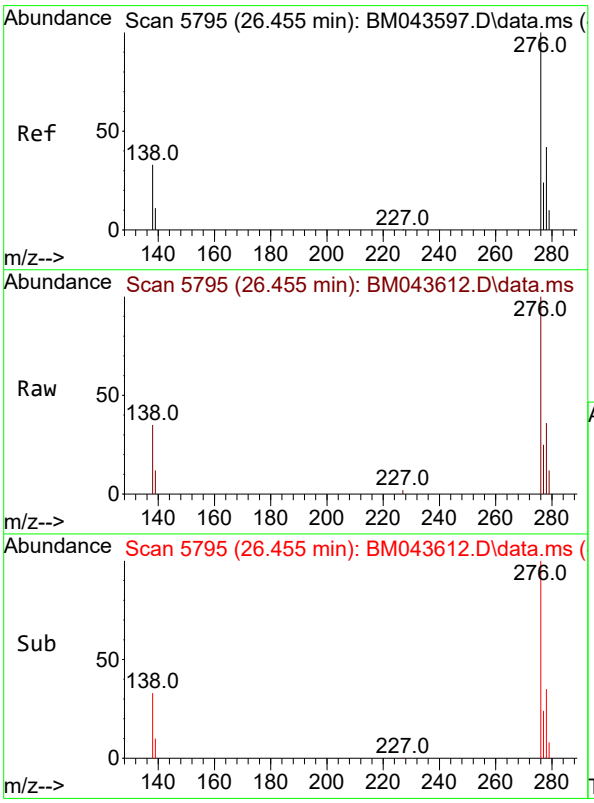
#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.836 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.4168

Tgt Ion:252 Resp: 13196

Ion	Ratio	Lower	Upper
252	100		
253	28.5	20.2	30.2
125	25.8	13.5	20.3#

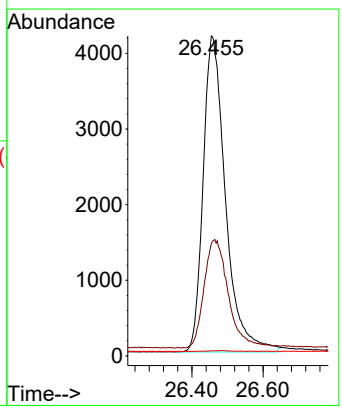


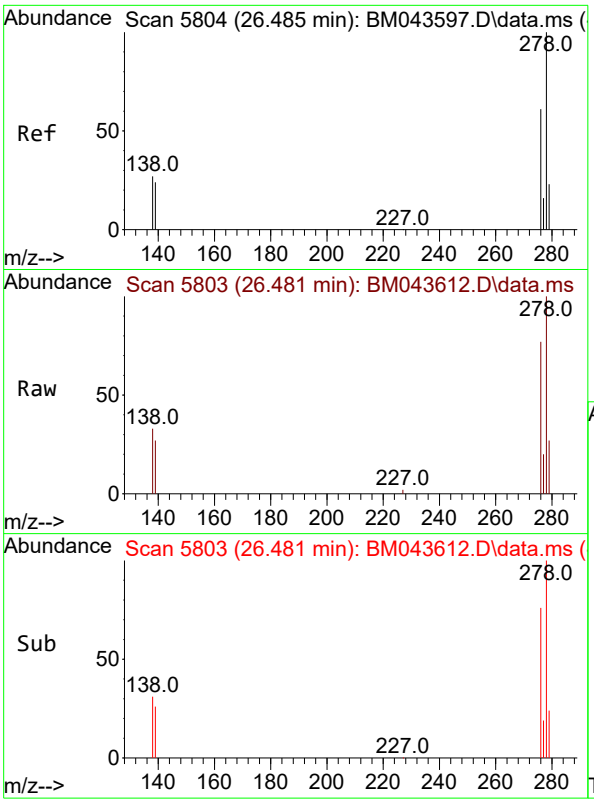


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.449 ng/ul
RT: 26.455 min Scan# 5795
Delta R.T. -0.004 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Tgt Ion:276 Resp: 18220

Ion	Ratio	Lower	Upper
276	100		
138	37.2	24.6	36.8#
227	0.1	0.0	0.0#



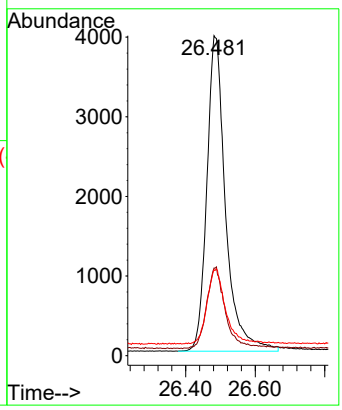


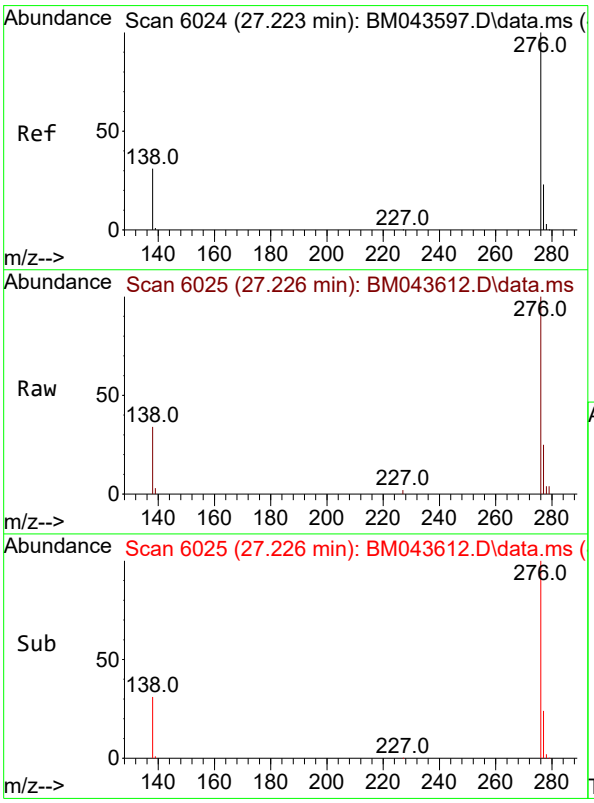
#28
Dibenzo(a,h)anthracene
Concen: 0.462 ng/ul
RT: 26.481 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Instrument :
BNA_M
ClientSampleId :
SSTD0.4168

Tgt Ion:278 Resp: 14845

Ion	Ratio	Lower	Upper
278	100		
139	27.4	17.4	26.2#
279	26.8	20.9	31.3





#29
Benzo(g,h,i)perylene
Concen: 0.449 ng/ul
RT: 27.226 min Scan# 6025
Delta R.T. 0.003 min
Lab File: BM043612.D
Acq: 27 Dec 2023 17:46

Tgt Ion:276 Resp: 15539

Ion	Ratio	Lower	Upper
276	100		
138	33.6	23.1	34.7
277	25.0	19.4	29.0