Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041048.D
Acq On : 22 Jul 2023 10:52
Operator : MA/JU
Sample : 03540-07MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 22 22:35:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.853	152	4051	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	14066	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	8372	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.265	188	18119	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	10265	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	10828	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	1586	0.238	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	4329	0.231	ng/ul	-0.01
18) Fluoranthene-d10	19.296	212	7535	0.175	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.309	88	5082	0.725	ng/ul#	21
5) Naphthalene	10.713	128	18439	0.479	ng/ul	100
7) 2-Methylnaphthalene	12.330	142	8570	0.406	ng/ul	95
8) 1-Methylnaphthalene	12.550	142	7905	0.352	ng/ul	99
10) Acenaphthylene	14.231	152	11943	0.341	ng/ul#	93
11) Acenaphthene	14.573	153	22685	0.734	ng/ul	96
12) Fluorene	15.563	166	26811	0.838	ng/ul	98
14) Pentachlorophenol	16.923	266	287	0.079	ng/ul	89
15) Phenanthrene	17.307	178	324369	5.989	ng/ul	98
16) Anthracene	17.400	178	41223	0.977	ng/ul	98
19) Fluoranthene	19.329	202	439094	8.285	ng/ul#	92
20) Pyrene	19.691	202	115146	2.127	ng/ul	93
21) Benzo(a)anthracene	21.442	228	125420	4.011	ng/ul	99
22) Chrysene	21.495	228	119728	3.349	ng/ul	98
24) Benzo(b)fluoranthene	23.120	252	126810	3.051	ng/ul	87
26) Benzo(a)pyrene	23.743	252	10861	0.303	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.314	276	22101	0.464	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.327	278	21061	0.584	ng/ul	98
29) Benzo(g,h,i)perylene	27.075	276	1303	0.030	ng/ul#	11

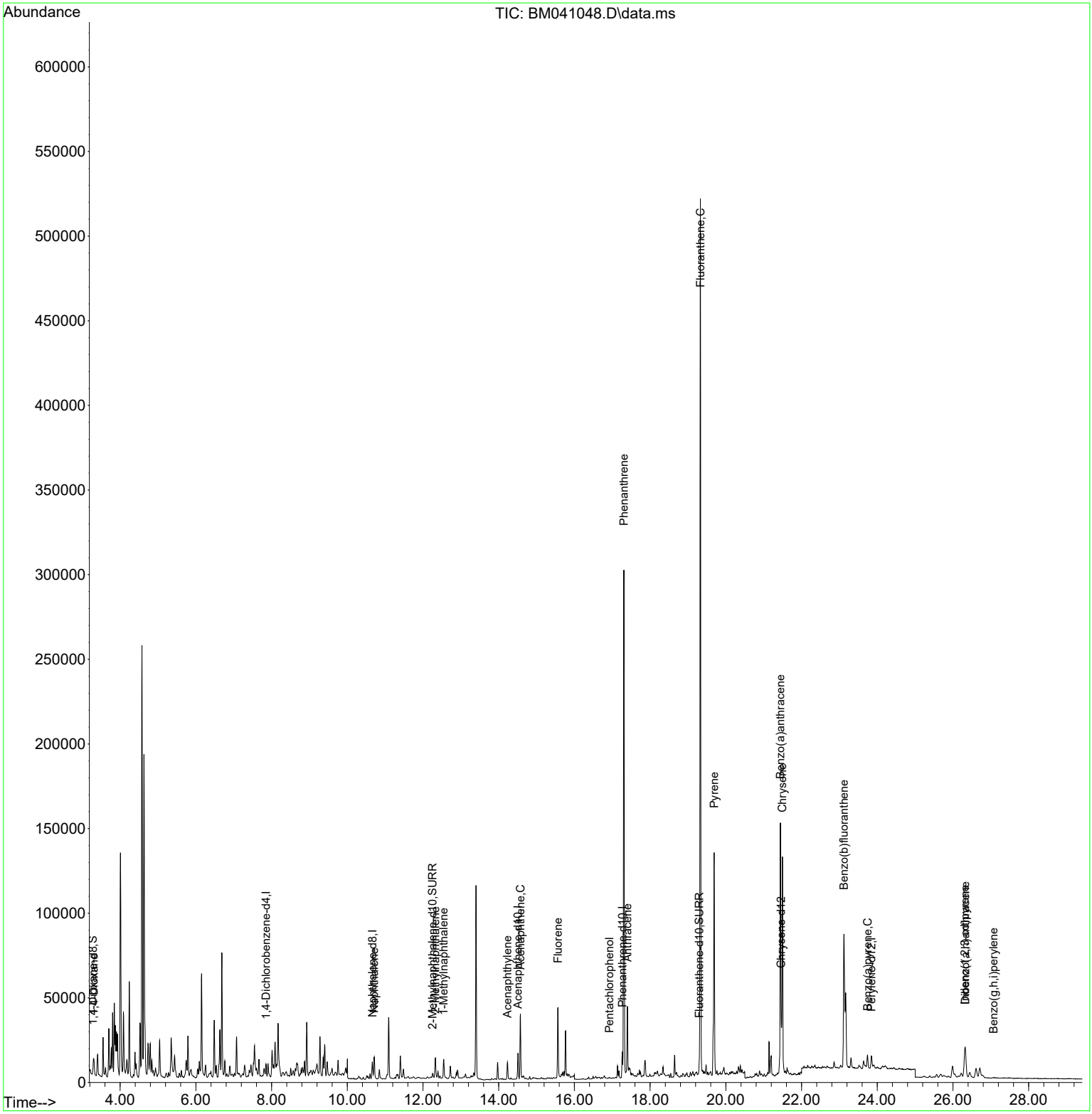
(#) = qualifier out of range (m) = manual integration (+) = signals summed

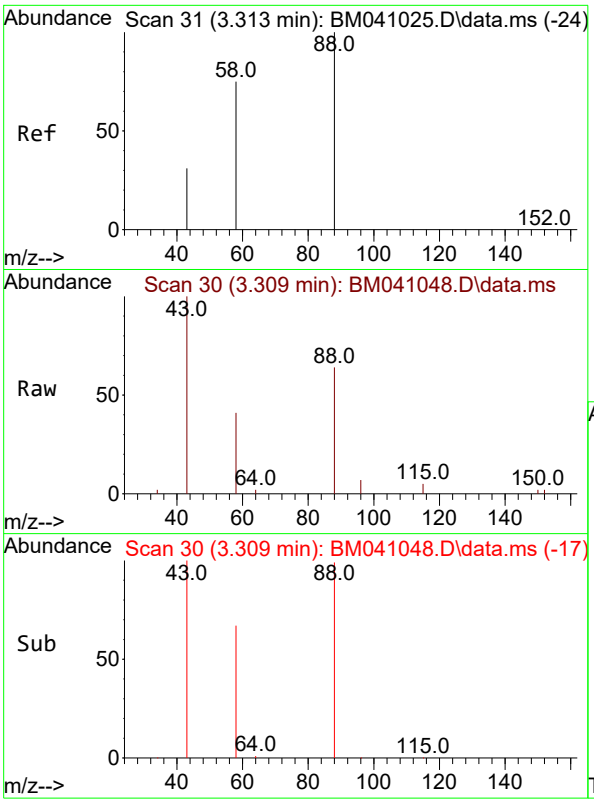
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072123\
Data File : BM041048.D
Acq On : 22 Jul 2023 10:52
Operator : MA/JU
Sample : 03540-07MS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 22 22:35:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM071923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 22 22:33:48 2023
Response via : Initial Calibration



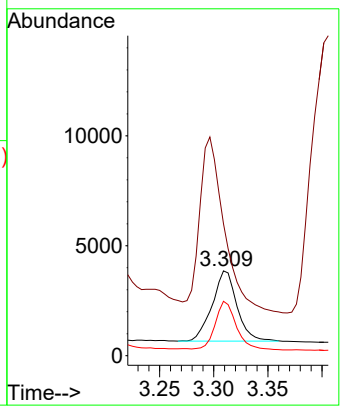


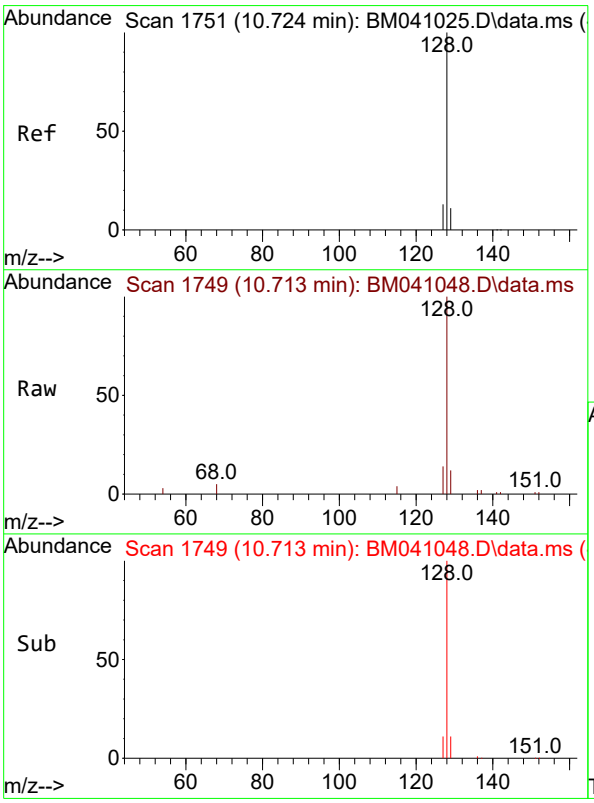
#2
1,4-Dioxane
Concen: 0.725 ng/ul
RT: 3.309 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 88 Resp: 5082

Ion	Ratio	Lower	Upper
88	100		
43	155.8	46.7	70.1#
58	64.2	40.3	60.5#

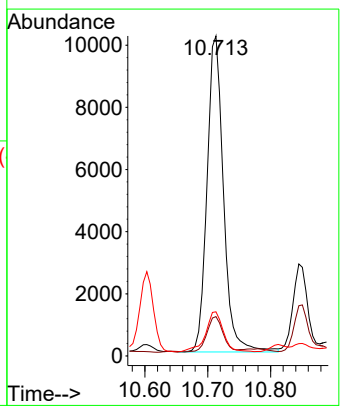


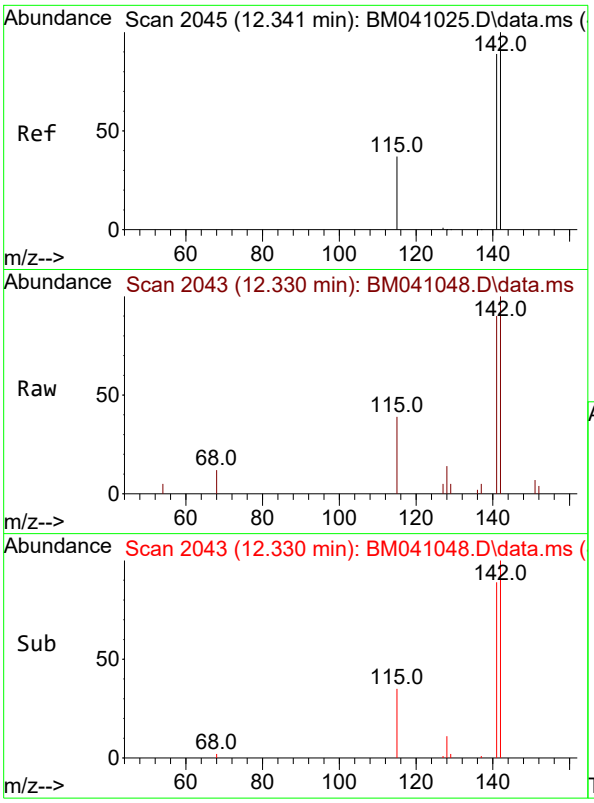


#5
Naphthalene
Concen: 0.479 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.005 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Tgt Ion:128 Resp: 18439

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.8	14.8
127	13.8	11.0	16.4



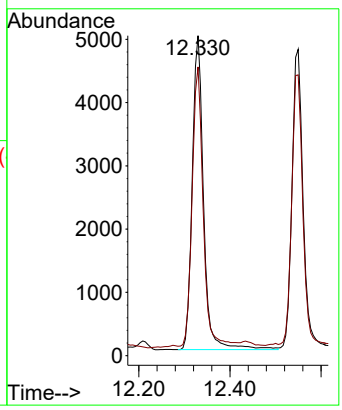


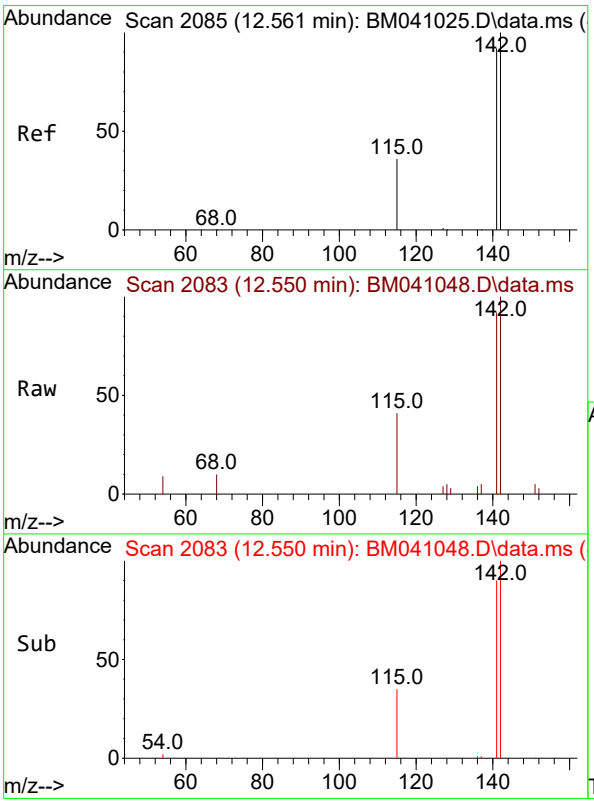
#7
2-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.330 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 8570

Ion	Ratio	Lower	Upper
142	100		
141	86.5	73.2	109.8

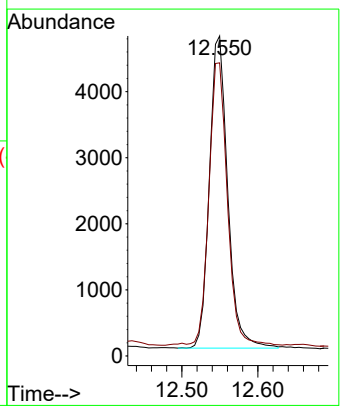


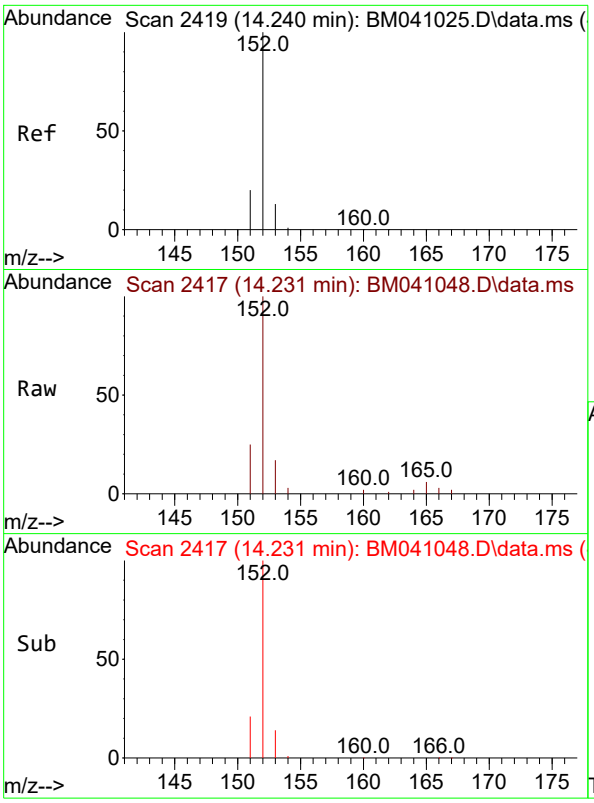


#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.005 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Tgt Ion:142 Resp: 7905

Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.4	110.2



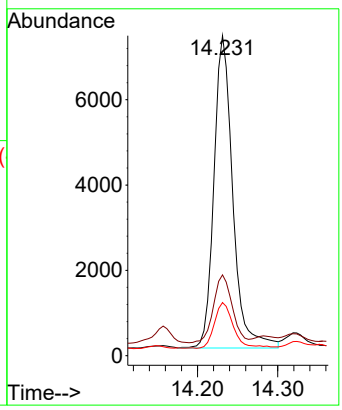


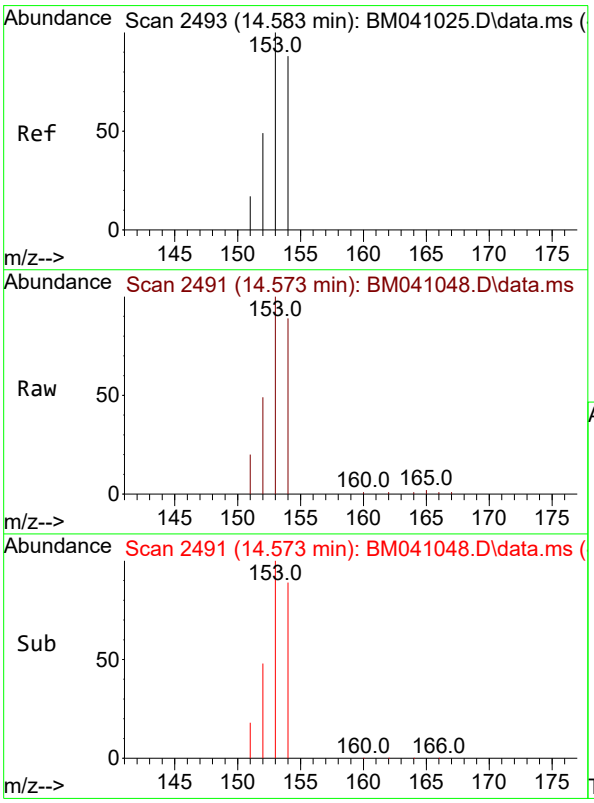
#10
Acenaphthylene
Concen: 0.341 ng/ul
RT: 14.231 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 11943

Ion	Ratio	Lower	Upper
152	100		
151	25.2	16.8	25.2#
153	16.6	11.6	17.4

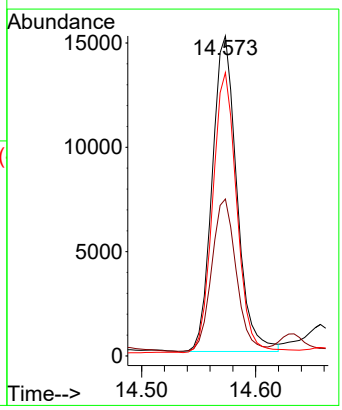


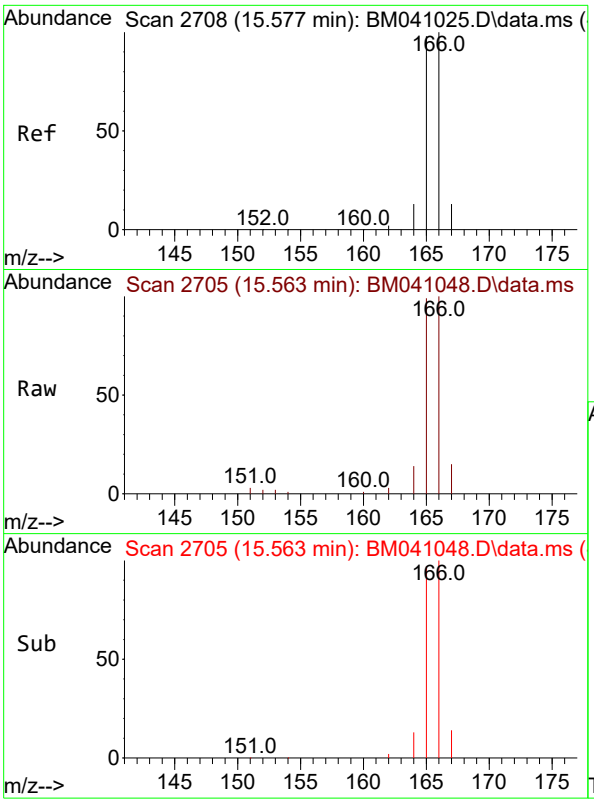


#11
Acenaphthene
Concen: 0.734 ng/ul
RT: 14.573 min Scan# 2491
Delta R.T. 0.000 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Tgt Ion:153 Resp: 22685

Ion	Ratio	Lower	Upper
153	100		
152	49.0	41.0	61.6
154	88.6	68.2	102.2



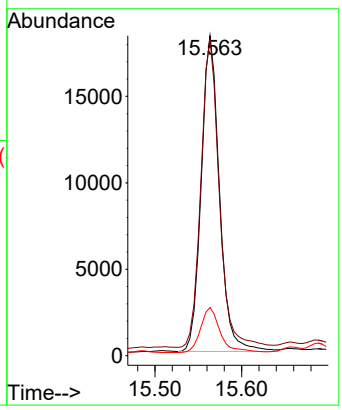


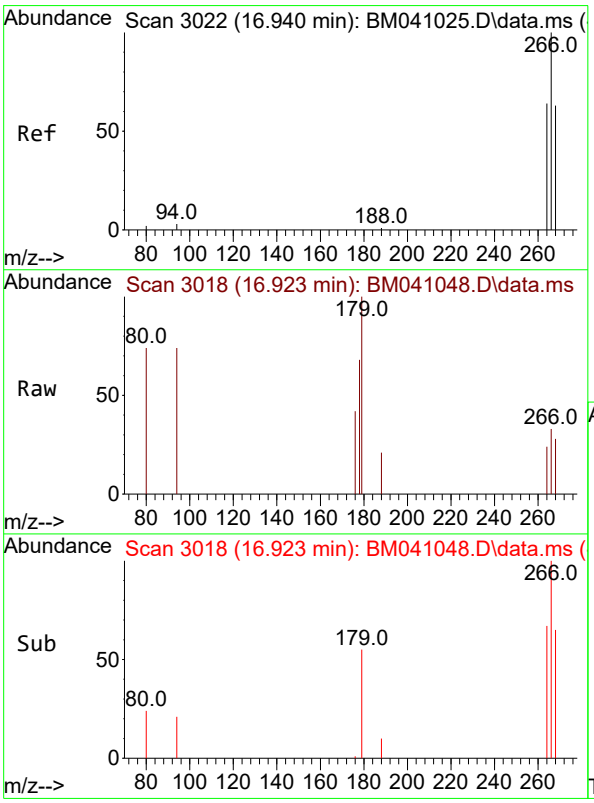
#12
Fluorene
Concen: 0.838 ng/ul
RT: 15.563 min Scan# 2
Delta R.T. -0.009 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 26811

Ion	Ratio	Lower	Upper
166	100		
165	98.6	80.3	120.5
167	15.0	11.7	17.5

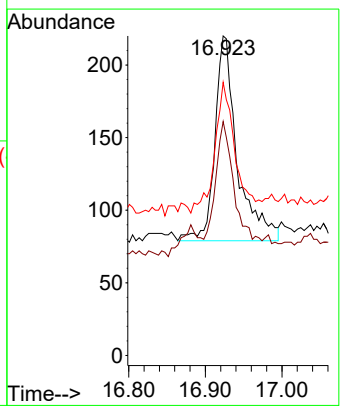


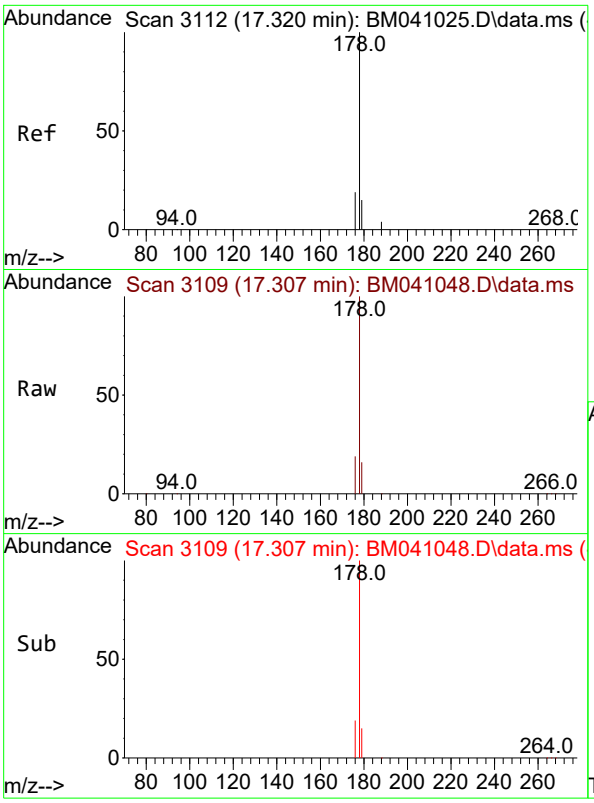


#14
Pentachlorophenol
Concen: 0.079 ng/ul
RT: 16.923 min Scan# 3018
Delta R.T. -0.013 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Tgt Ion:266 Resp: 287

Ion	Ratio	Lower	Upper
266	100		
264	54.0	50.7	76.1
268	58.5	52.8	79.2



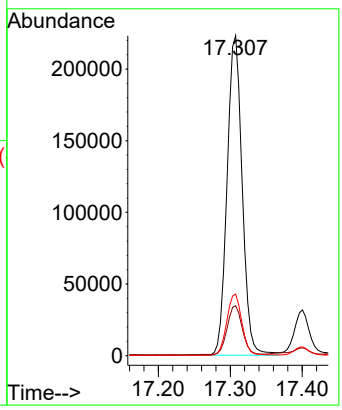


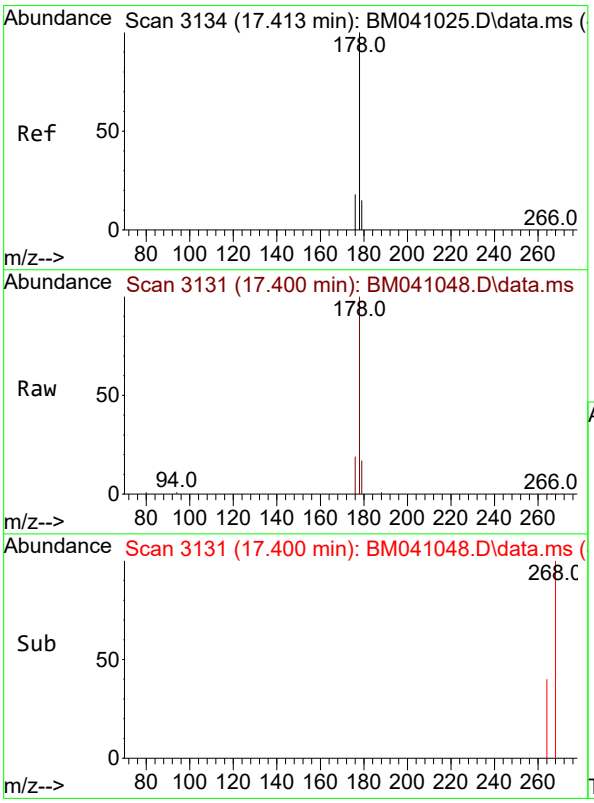
#15
Phenanthrene
Concen: 5.989 ng/ul
RT: 17.307 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 324369

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	19.2	16.2	24.4

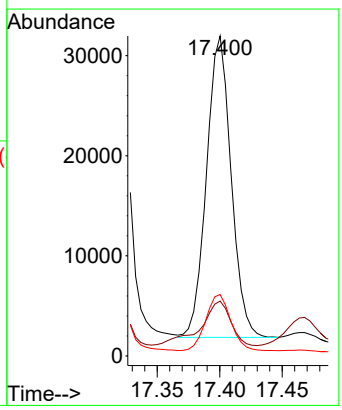


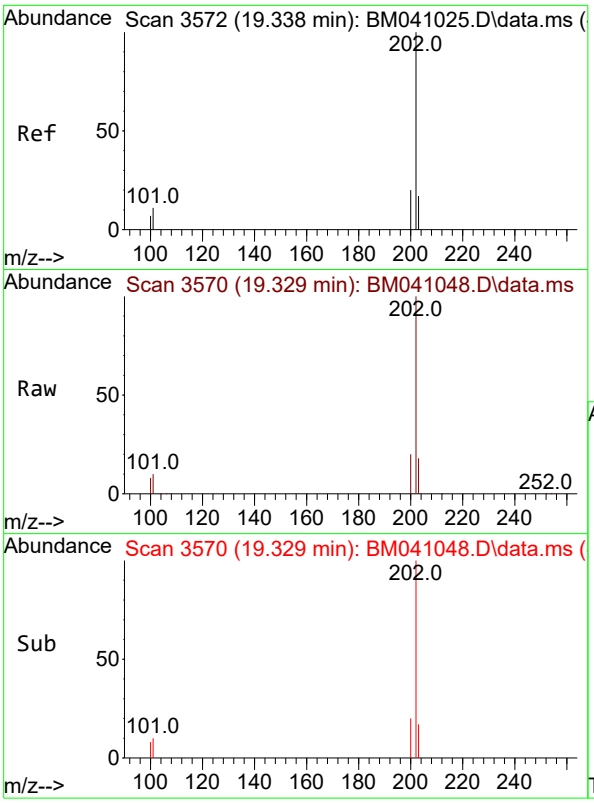


#16
Anthracene
Concen: 0.977 ng/ul
RT: 17.400 min Scan# 3131
Delta R.T. -0.008 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Tgt Ion:178 Resp: 41223

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.7	20.5
176	19.2	16.4	24.6



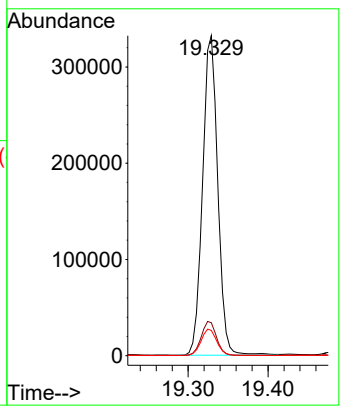


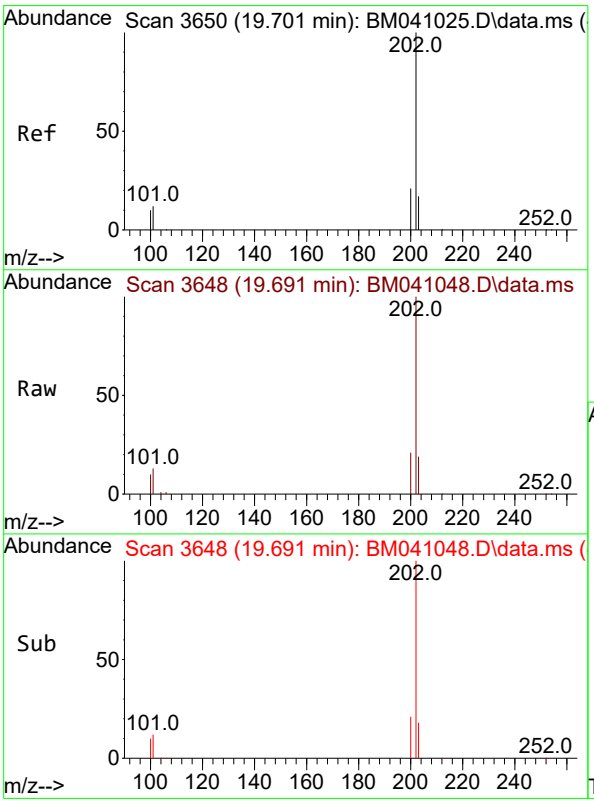
#19
Fluoranthene
Concen: 8.285 ng/ul
RT: 19.329 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 439094

Ion	Ratio	Lower	Upper
202	100		
101	10.3	11.0	16.4#
100	7.9	8.3	12.5#

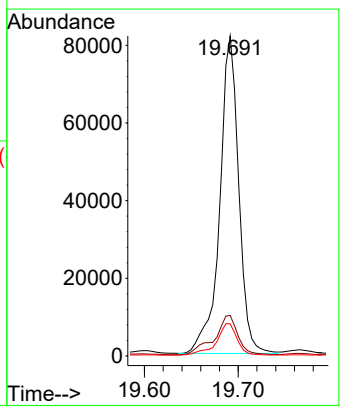


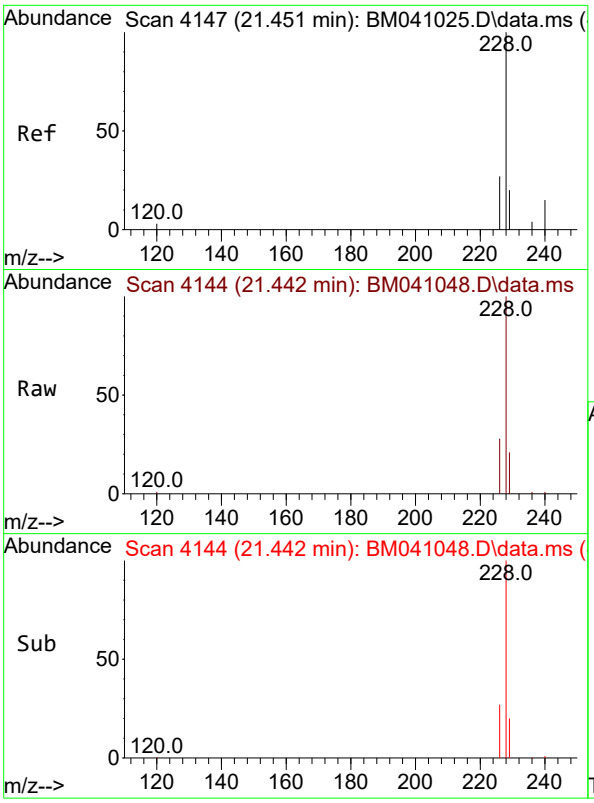


#20
Pyrene
Concen: 2.127 ng/ul
RT: 19.691 min Scan# 3648
Delta R.T. -0.005 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Tgt Ion:202 Resp: 115146

Ion	Ratio	Lower	Upper
202	100		
101	12.6	12.5	18.7
100	10.1	10.0	15.0



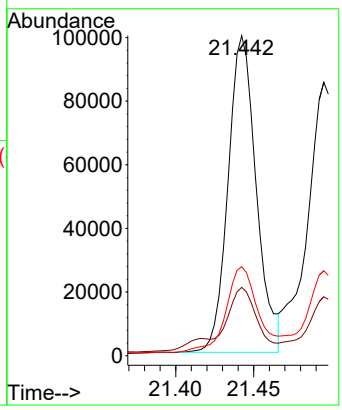


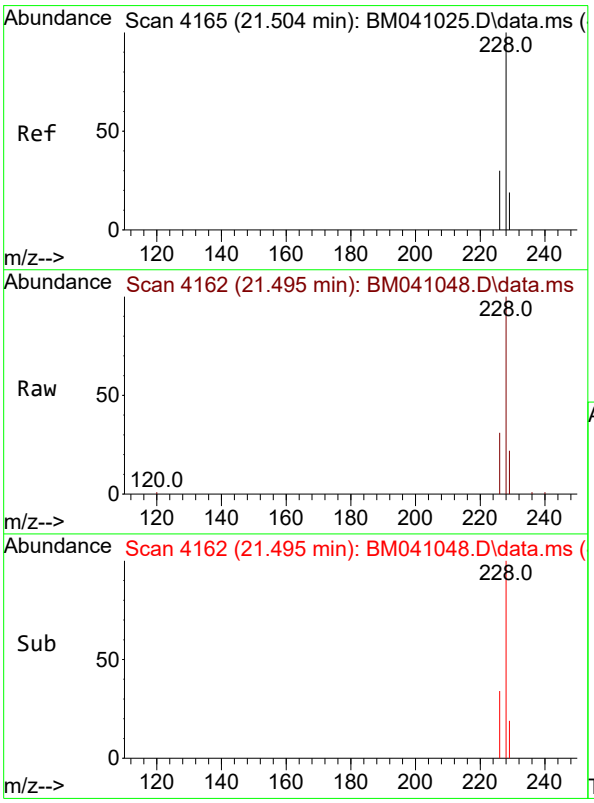
#21
Benzo(a)anthracene
Concen: 4.011 ng/ul
RT: 21.442 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 125420

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.4
226	27.8	22.3	33.5

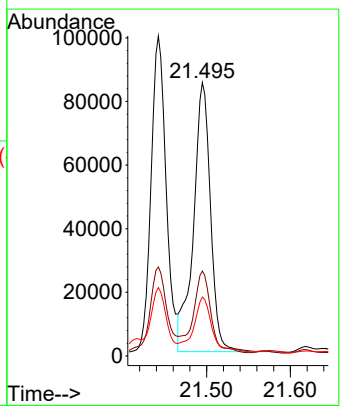


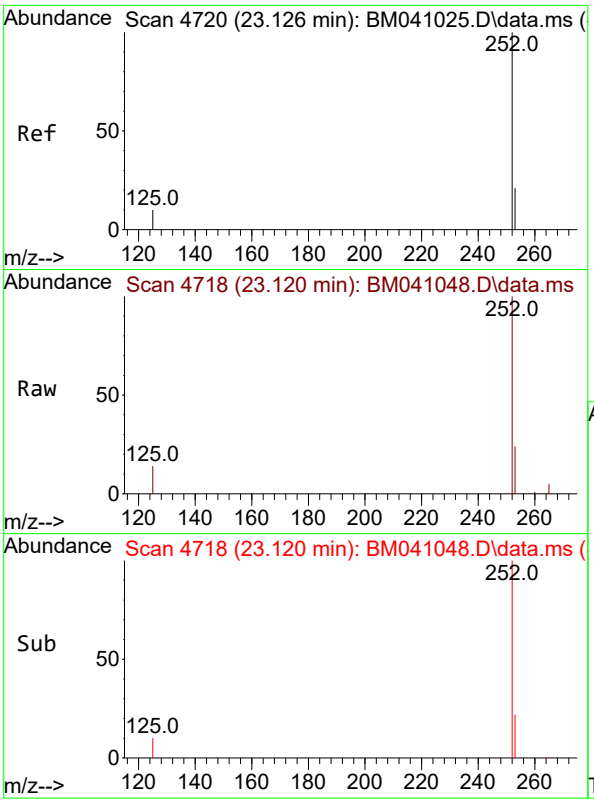


#22
Chrysene
Concen: 3.349 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Tgt Ion:228 Resp: 119728

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	21.5	16.1	24.1



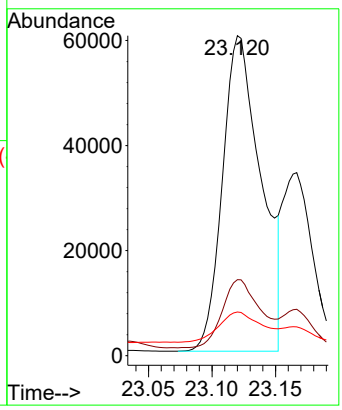


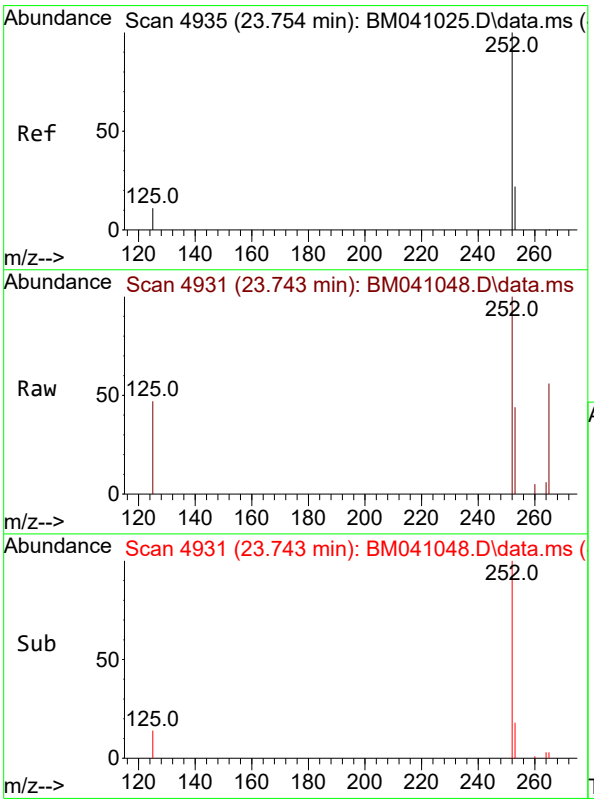
#24
Benzo(b)fluoranthene
Concen: 3.051 ng/ul
RT: 23.120 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 126810

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	57.4
125	13.7	0.0	45.2

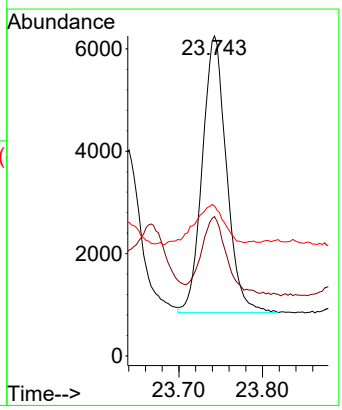


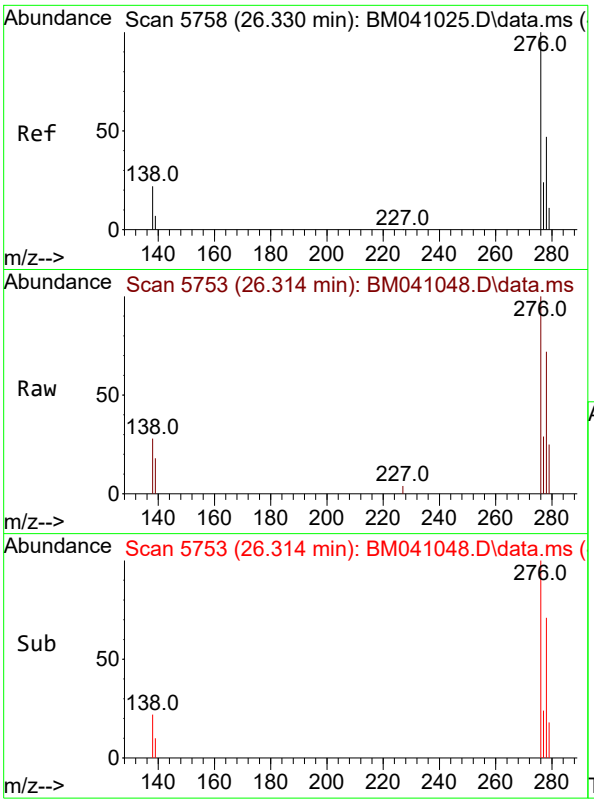


#26
Benzo(a)pyrene
Concen: 0.303 ng/ul
RT: 23.743 min Scan# 4931
Delta R.T. -0.006 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Tgt Ion:252 Resp: 10861

Ion	Ratio	Lower	Upper
252	100		
253	43.5	28.2	42.2#
125	46.9	25.2	37.8#



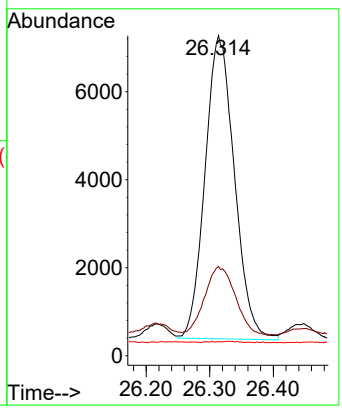


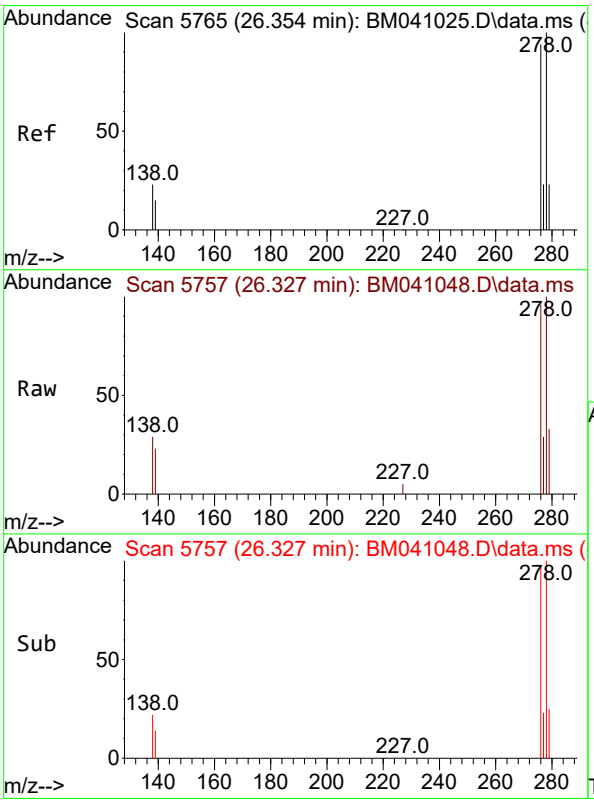
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.464 ng/ul
RT: 26.314 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 22101

Ion	Ratio	Lower	Upper
276	100		
138	23.8	22.3	33.5
227	0.1	0.0	0.0#

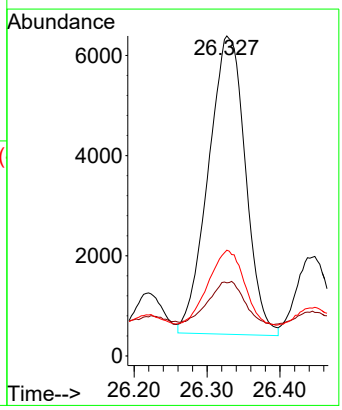


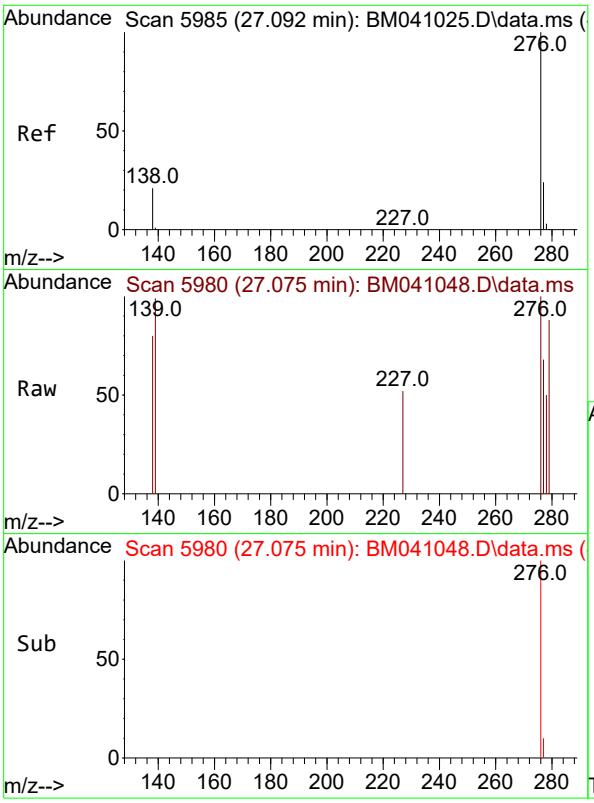


#28
Dibenzo(a,h)anthracene
Concen: 0.584 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.020 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Tgt Ion:278 Resp: 21061

Ion	Ratio	Lower	Upper
278	100		
139	22.8	19.2	28.8
279	33.0	27.0	40.6





#29
Benzo(g,h,i)perylene
Concen: 0.030 ng/ul
RT: 27.075 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM041048.D
Acq: 22 Jul 2023 10:52

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1303

Ion	Ratio	Lower	Upper
276	100		
138	79.6	22.6	34.0#
277	68.1	21.2	31.8#