Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040412.D
Acq On : 26 Jun 2023 21:39
Operator : MA/JU
Sample : 03084-11DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFM8DL

Quant Time: Jun 27 04:27:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	8208	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	29410	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.586	164	13200	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	21716	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	13532	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	14741	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	6403	0.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1590	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	2062	0.048	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	2935	0.036	ng/ul#	84
7) 2-Methylnaphthalene	12.417	142	1563	0.033	ng/ul	93
8) 1-Methylnaphthalene	12.637	142	1329	0.028	ng/ul	99
10) Acenaphthylene	14.309	152	6006	0.102	ng/ul#	94
11) Acenaphthene	14.647	153	1775	0.036	ng/ul	95
12) Fluorene	15.637	166	1965	0.037	ng/ul#	92
15) Phenanthrene	17.375	178	32474	0.481	ng/ul	99
16) Anthracene	17.463	178	8328	0.147	ng/ul#	94
19) Fluoranthene	19.389	202	77200	1.343	ng/ul	96
20) Pyrene	19.751	202	64530	1.047	ng/ul	98
21) Benzo(a)anthracene	21.497	228	38717	0.846	ng/ul	97
22) Chrysene	21.550	228	41006	0.785	ng/ul	97
24) Benzo(b)fluoranthene	23.192	252	65026	1.140	ng/ul	96
26) Benzo(a)pyrene	23.821	252	40518	0.788	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.434	276	34927	0.488	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.441	278	8641	0.154	ng/ul#	73
29) Benzo(g,h,i)perylene	27.209	276	32443	0.517	ng/ul	98

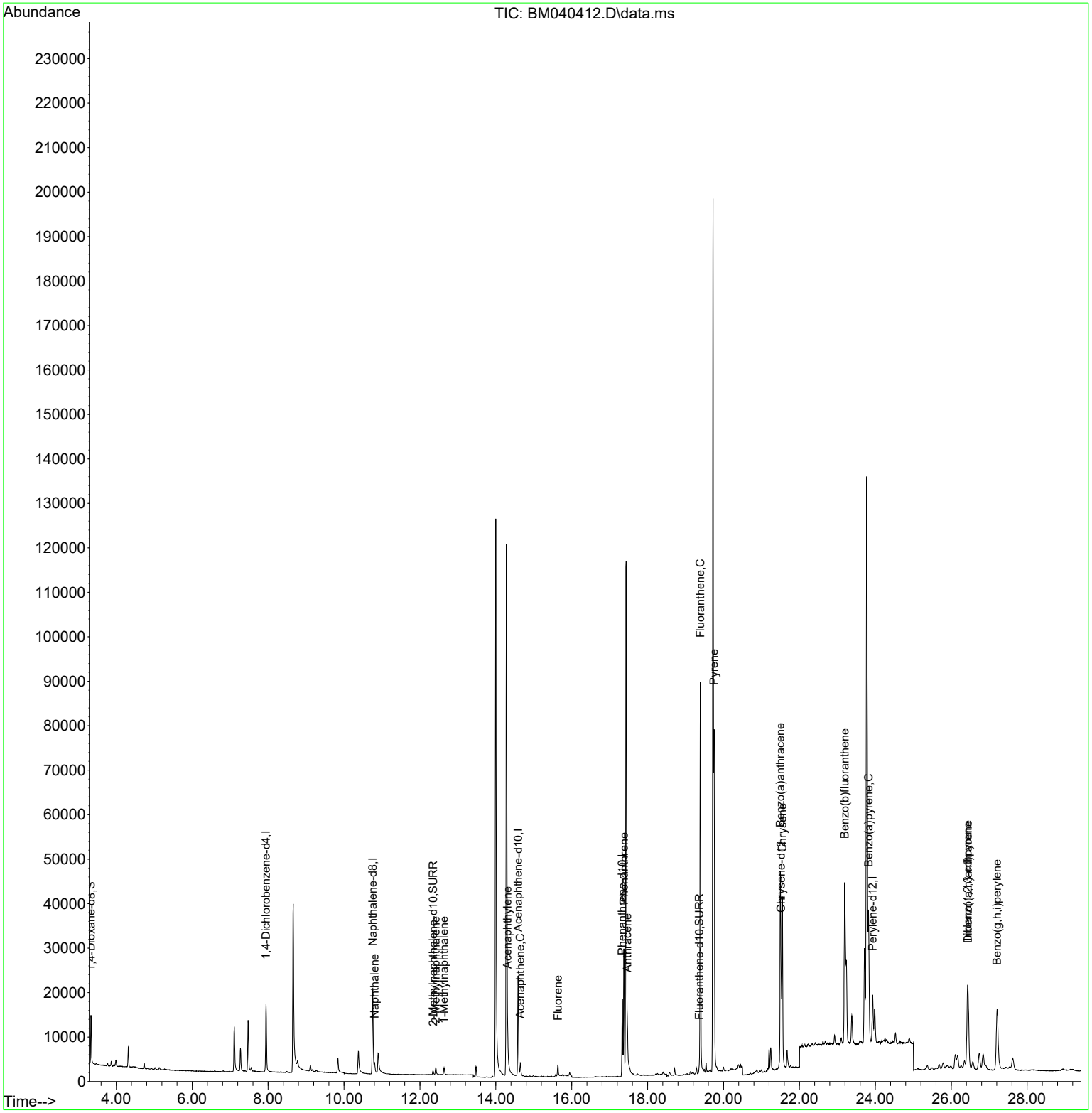
(#) = qualifier out of range (m) = manual integration (+) = signals summed

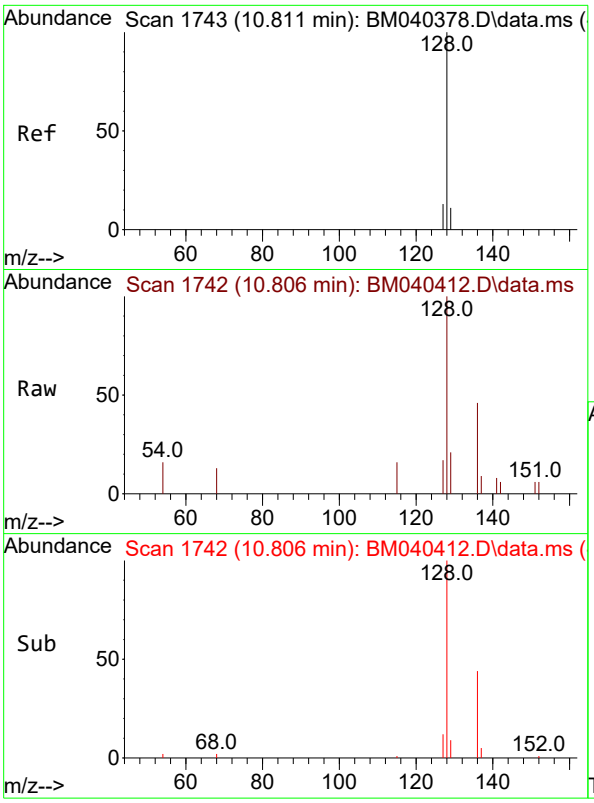
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040412.D
Acq On : 26 Jun 2023 21:39
Operator : MA/JU
Sample : 03084-11DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFM8DL

Quant Time: Jun 27 04:27:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 23 00:44:24 2023
Response via : Initial Calibration



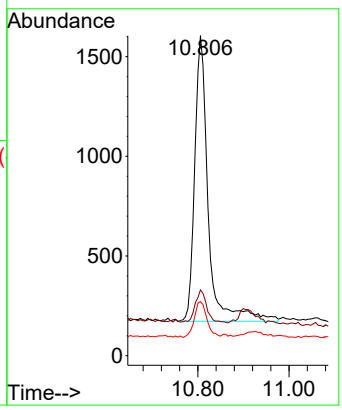


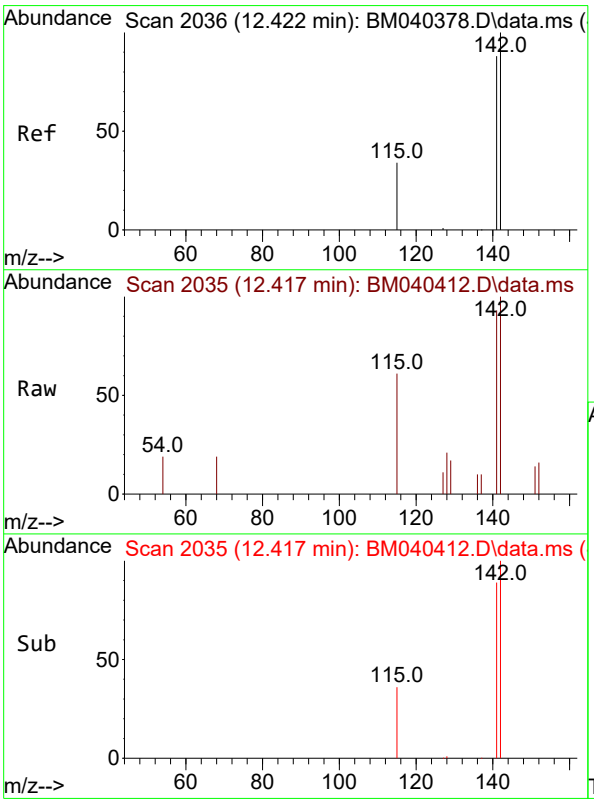
#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.806 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Instrument :
BNA_M
ClientSampleId :
DCFM8DL

Tgt Ion:128 Resp: 2935

Ion	Ratio	Lower	Upper
128	100		
129	20.6	9.2	13.8#
127	16.9	10.6	15.8#

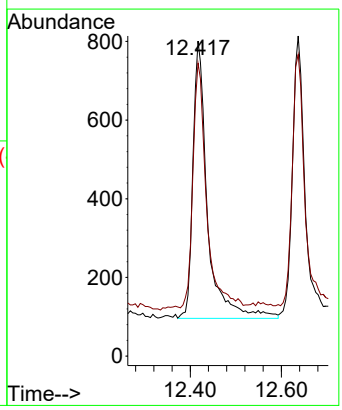


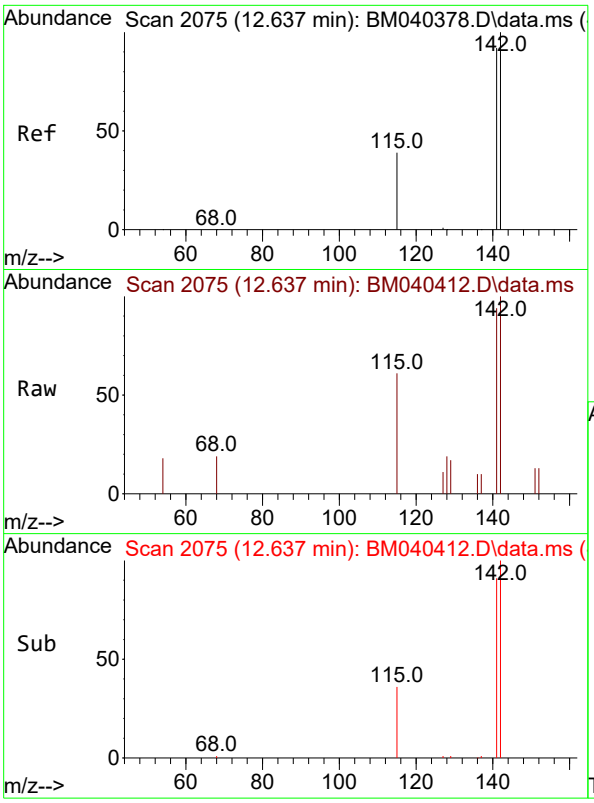


#7
2-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Tgt Ion:142 Resp: 1563

Ion	Ratio	Lower	Upper
142	100		
141	83.1	71.9	107.9



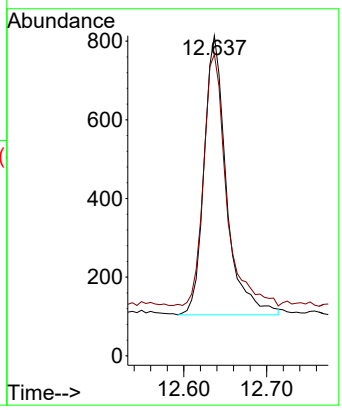


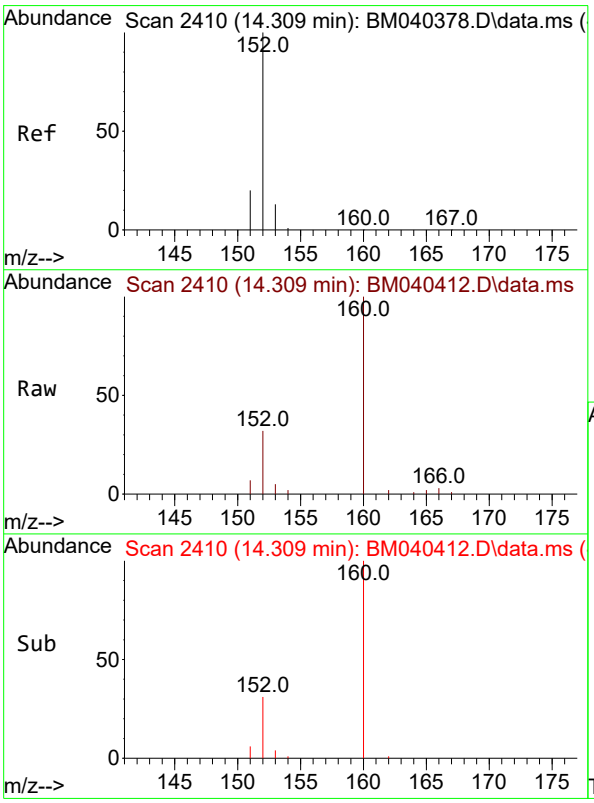
#8
1-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.637 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Instrument :
BNA_M
ClientSampleId :
DCFM8DL

Tgt Ion:142 Resp: 1329

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.7	110.5

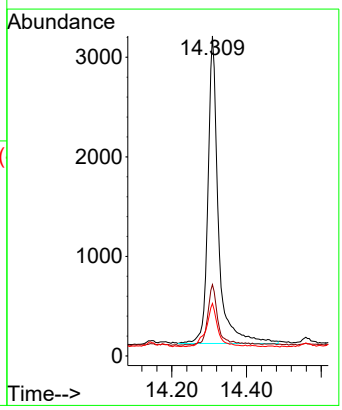


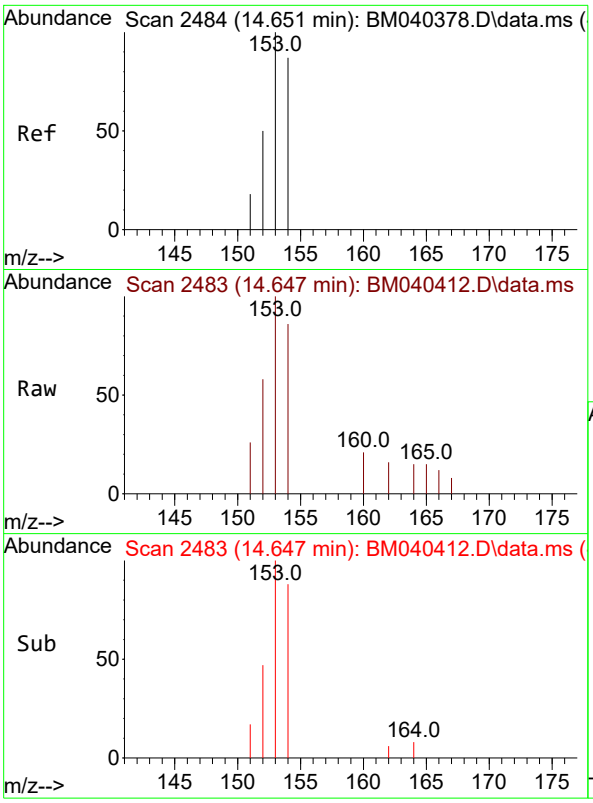


#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Tgt Ion:152 Resp: 6006

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.2	24.2
153	16.4	10.9	16.3#



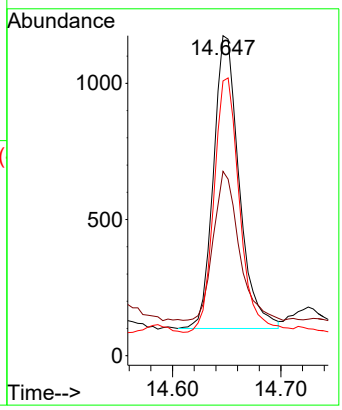


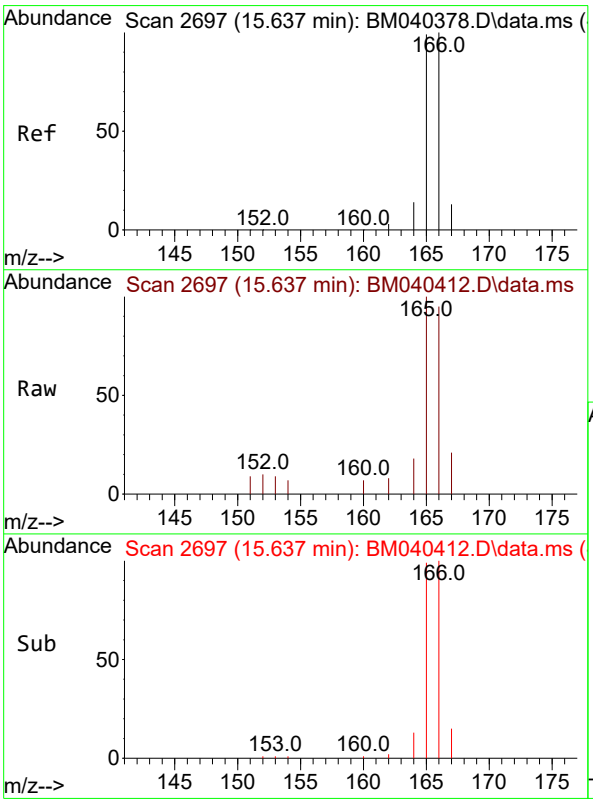
#11
Acenaphthene
Concen: 0.036 ng/ul
RT: 14.647 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Instrument :
BNA_M
ClientSampleId :
DCFM8DL

Tgt Ion:153 Resp: 1775

Ion	Ratio	Lower	Upper
153	100		
152	57.6	41.0	61.4
154	85.9	70.8	106.2

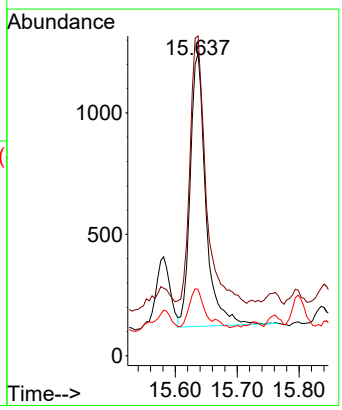


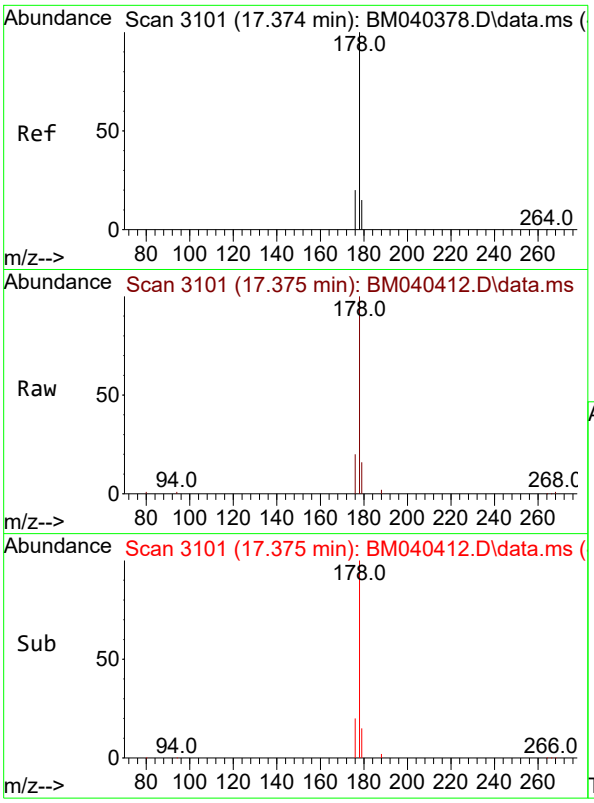


#12
Fluorene
Concen: 0.037 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Tgt Ion:166 Resp: 1965

Ion	Ratio	Lower	Upper
166	100		
165	105.8	79.6	119.4
167	22.0	11.4	17.0#



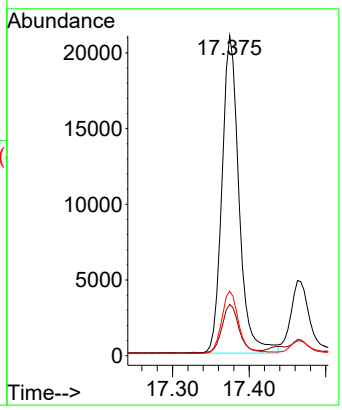


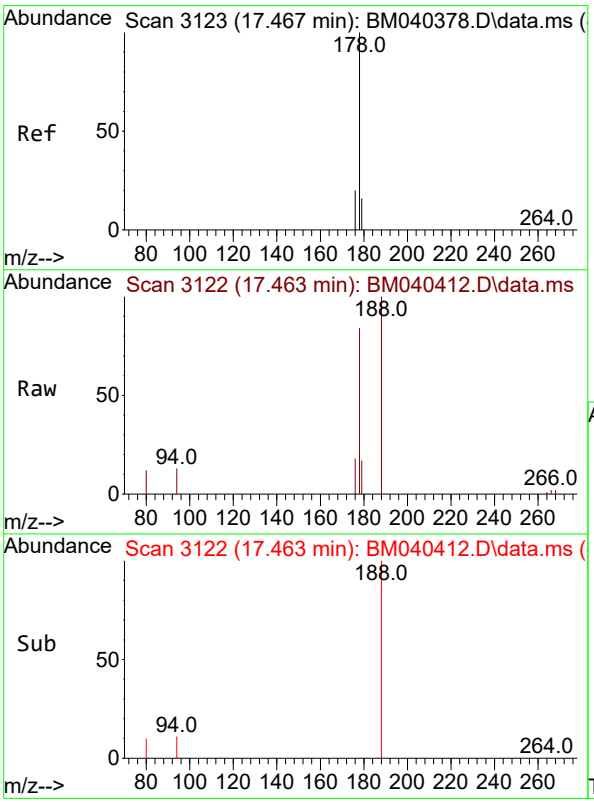
#15
Phenanthrene
Concen: 0.481 ng/ul
RT: 17.375 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Instrument :
BNA_M
ClientSampleId :
DCFM8DL

Tgt Ion:178 Resp: 32474

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	20.1	16.4	24.6

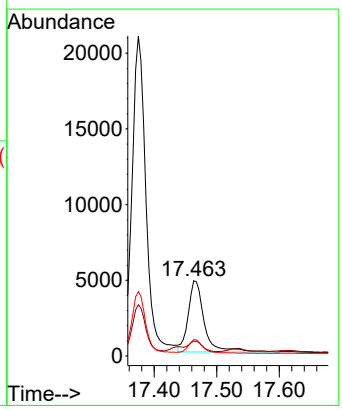


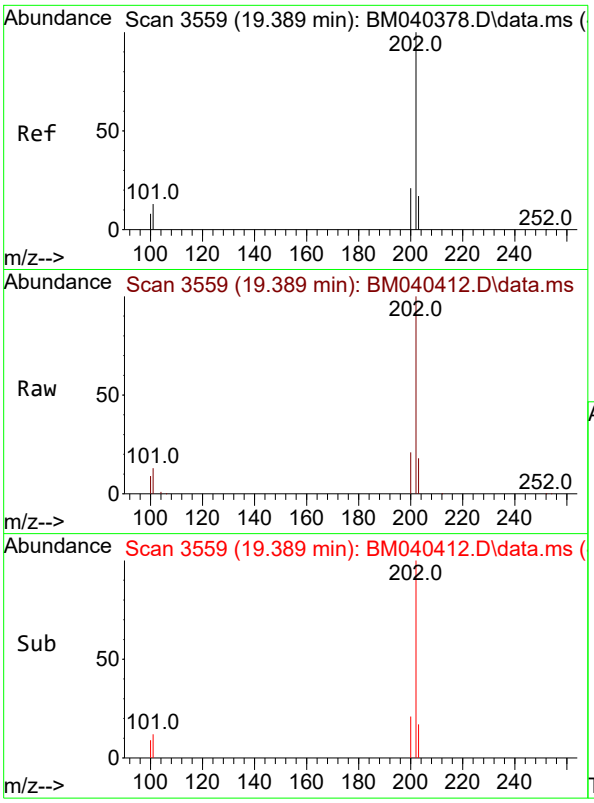


#16
Anthracene
Concen: 0.147 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Tgt Ion:178 Resp: 8328

Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.9	19.3#
176	21.8	15.8	23.6



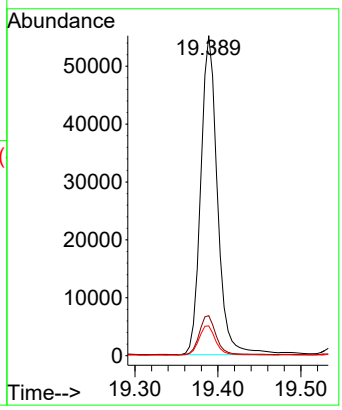


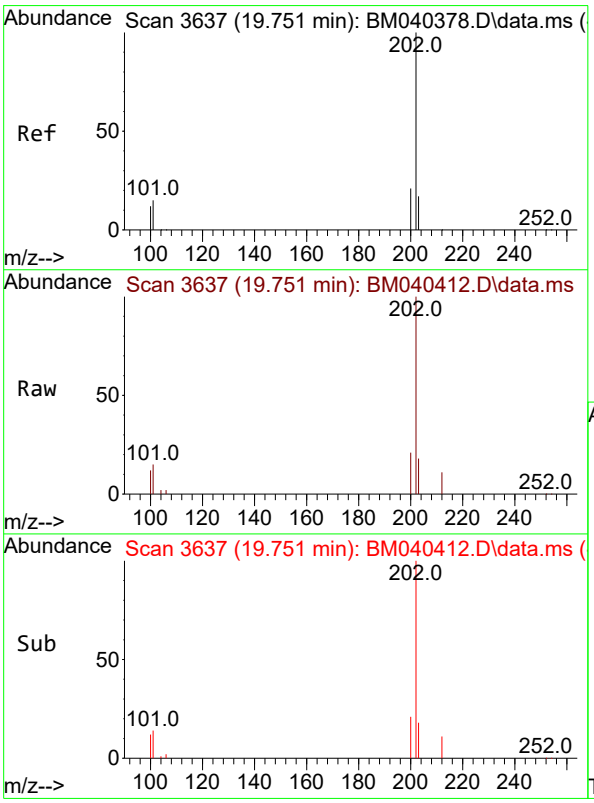
#19
Fluoranthene
Concen: 1.343 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Instrument :
BNA_M
ClientSampleId :
DCFM8DL

Tgt Ion:202 Resp: 77200

Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.4	17.0
100	9.3	8.7	13.1

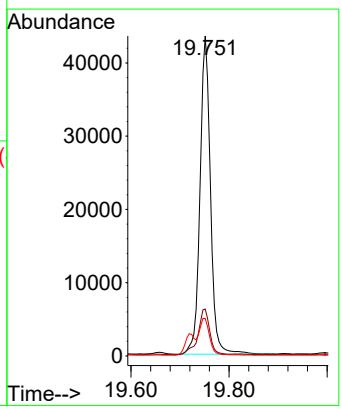


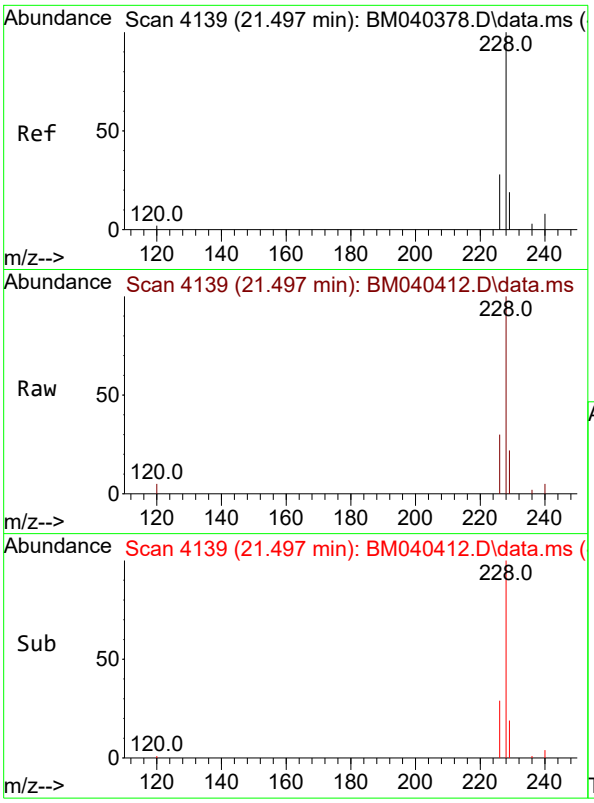


#20
Pyrene
Concen: 1.047 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Tgt Ion:202 Resp: 64530

Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.6	18.8
100	11.7	9.8	14.6



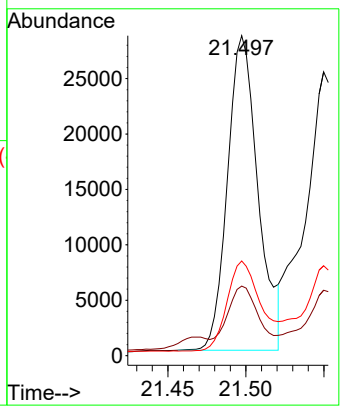


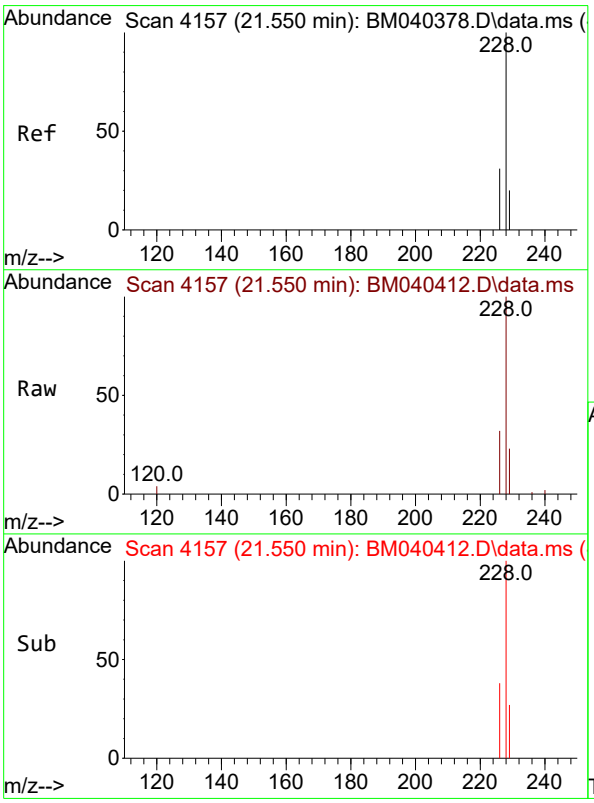
#21
Benzo(a)anthracene
Concen: 0.846 ng/ul
RT: 21.497 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Instrument :
BNA_M
ClientSampleId :
DCFM8DL

Tgt Ion:228 Resp: 38717

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.0	24.0
226	29.6	22.3	33.5

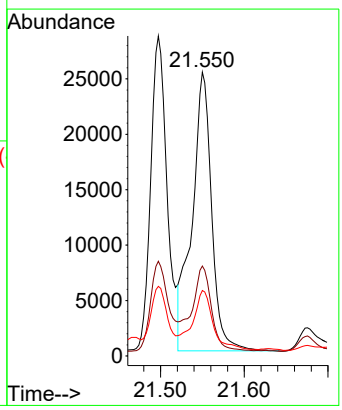


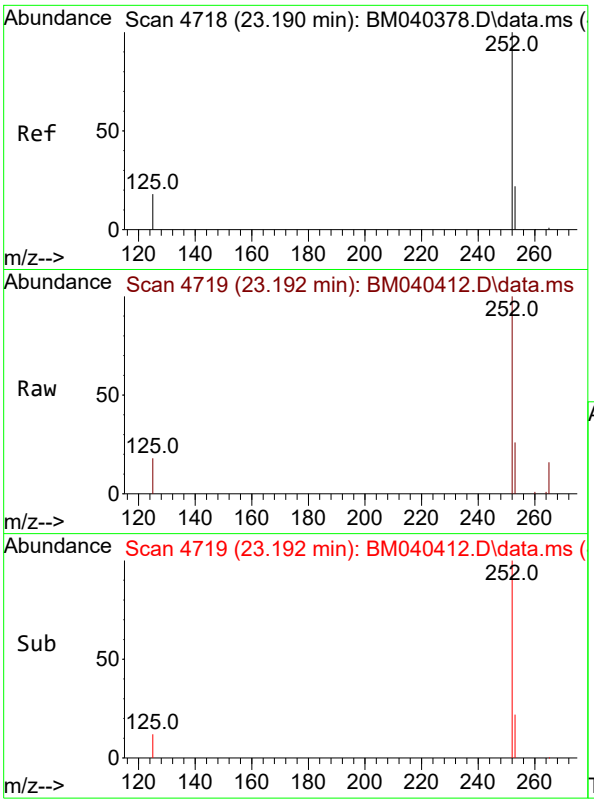


#22
Chrysene
Concen: 0.785 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Tgt Ion:228 Resp: 41006

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	23.0	15.8	23.6



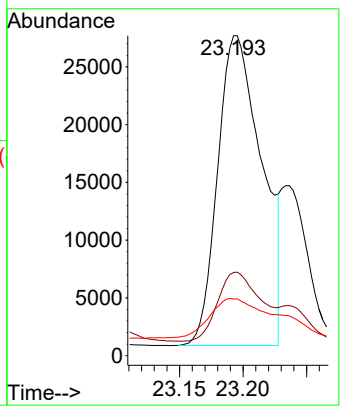


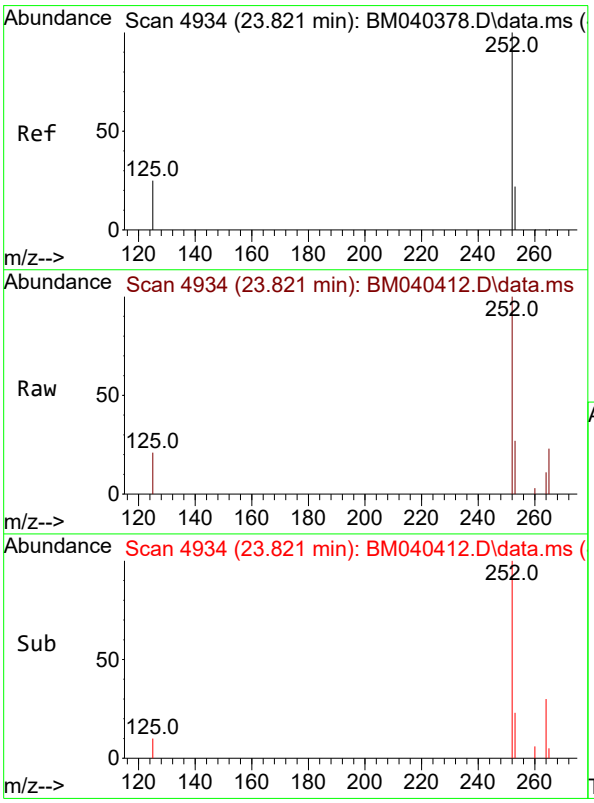
#24
Benzo(b)fluoranthene
Concen: 1.140 ng/ul
RT: 23.192 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Instrument :
BNA_M
ClientSampleId :
DCFM8DL

Tgt Ion:252 Resp: 65026

Ion	Ratio	Lower	Upper
252	100		
253	26.0	0.0	52.8
125	17.7	0.0	43.0

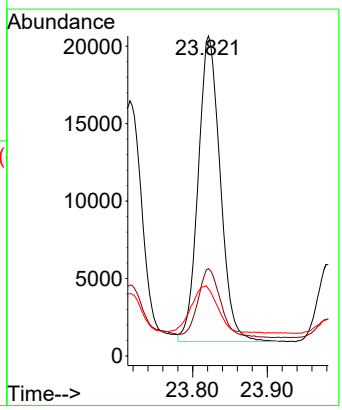


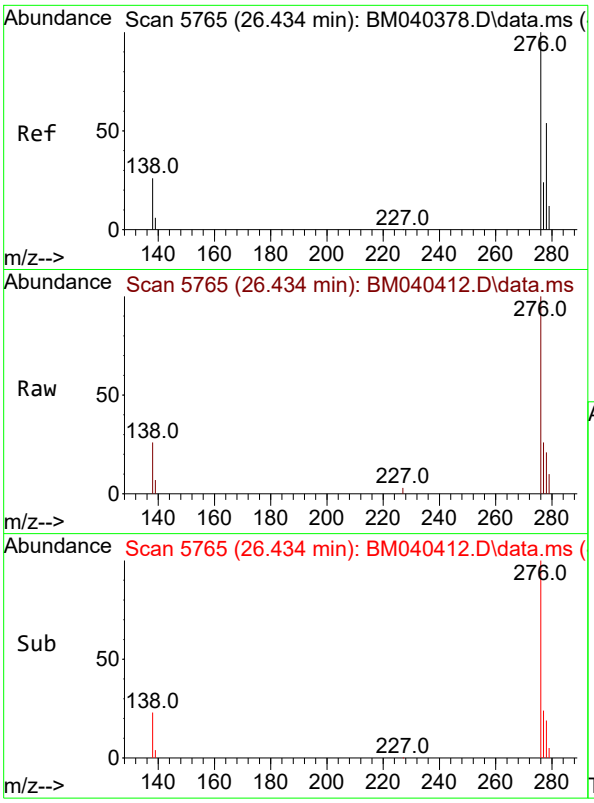


#26
Benzo(a)pyrene
Concen: 0.788 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Tgt Ion:252 Resp: 40518

Ion	Ratio	Lower	Upper
252	100		
253	27.3	22.9	34.3
125	20.9	21.0	31.4#



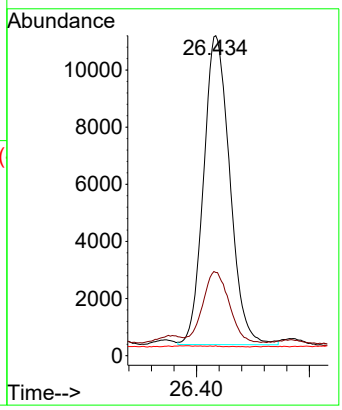


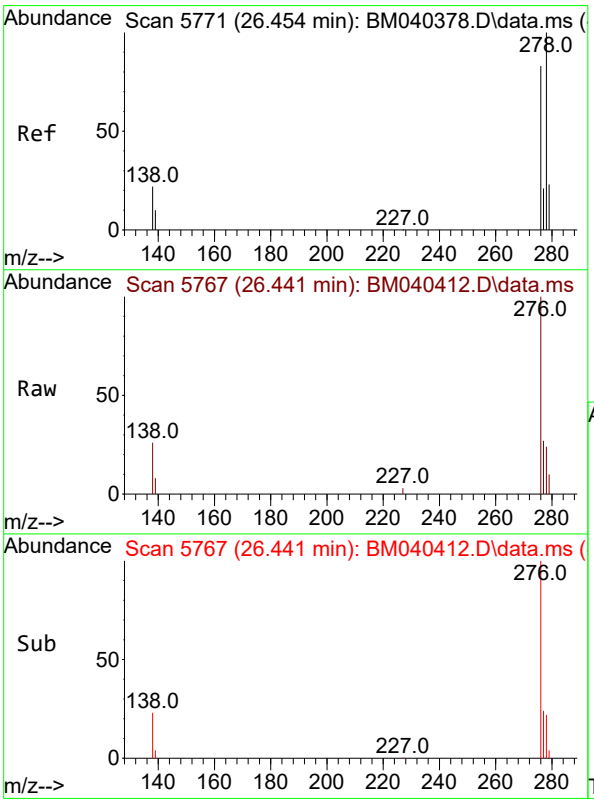
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.488 ng/ul
RT: 26.434 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Instrument :
BNA_M
ClientSampleId :
DCFM8DL

Tgt Ion:276 Resp: 34927

Ion	Ratio	Lower	Upper
276	100		
138	23.6	24.5	36.7#
227	0.0	0.1	0.1#

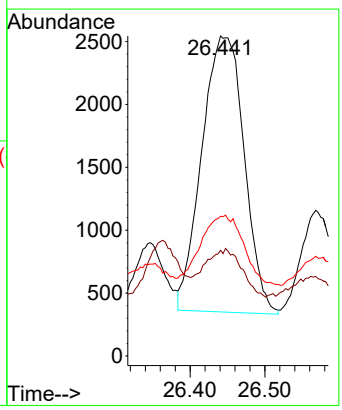


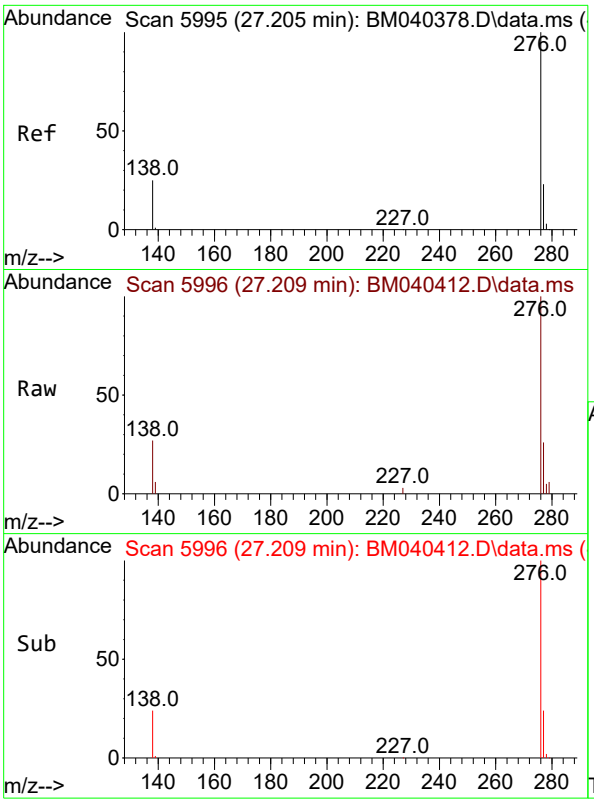


#28
Dibenzo(a,h)anthracene
Concen: 0.154 ng/ul
RT: 26.441 min Scan# 5767
Delta R.T. -0.013 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Tgt Ion:278 Resp: 8641

Ion	Ratio	Lower	Upper
278	100		
139	33.0	17.9	26.9#
279	43.7	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.517 ng/ul
RT: 27.209 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM040412.D
Acq: 26 Jun 2023 21:39

Instrument :
BNA_M
ClientSampleId :
DCFM8DL

Tgt Ion:276 Resp: 32443

Ion	Ratio	Lower	Upper
276	100		
138	27.3	23.0	34.6
277	26.4	20.3	30.5