Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040357.D
Acq On : 22 Jun 2023 20:20
Operator : MA/JU
Sample : 03084-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFM1

Quant Time: Jun 23 02:27:30 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	7.953	152	8694	0.400	ng/ul	0.00
4) Naphthalene-d8	10.761	136	31402	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	17087	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	32352	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	24406	0.400	ng/ul	0.00
23) Perylene-d12	23.932	264	22720	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	43913	3.216	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	11412	0.259	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	21776	0.278	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.811	128	30217	0.349	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	38970	0.766	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	28530	0.561	ng/ul	99
10) Acenaphthylene	14.313	152	23997	0.314	ng/ul#	95
11) Acenaphthene	14.656	153	4608	0.071	ng/ul	95
12) Fluorene	15.636	166	4582	0.067	ng/ul#	83
15) Phenanthrene	17.374	178	147914	1.472	ng/ul	99
16) Anthracene	17.467	178	18282	0.216	ng/ul	97
19) Fluoranthene	19.389	202	298196	2.876	ng/ul	98
20) Pyrene	19.751	202	269930	2.429	ng/ul	99
21) Benzo(a)anthracene	21.497	228	145352	1.761	ng/ul	96
22) Chrysene	21.550	228	201371	2.138	ng/ul	97
24) Benzo(b)fluoranthene	23.195	252	253989	2.889	ng/ul	97
26) Benzo(a)pyrene	23.824	252	132565	1.674	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.434	276	108630	0.985	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.447	278	28914	0.335	ng/ul#	78
29) Benzo(g,h,i)perylene	27.212	276	125491	1.298	ng/ul	98

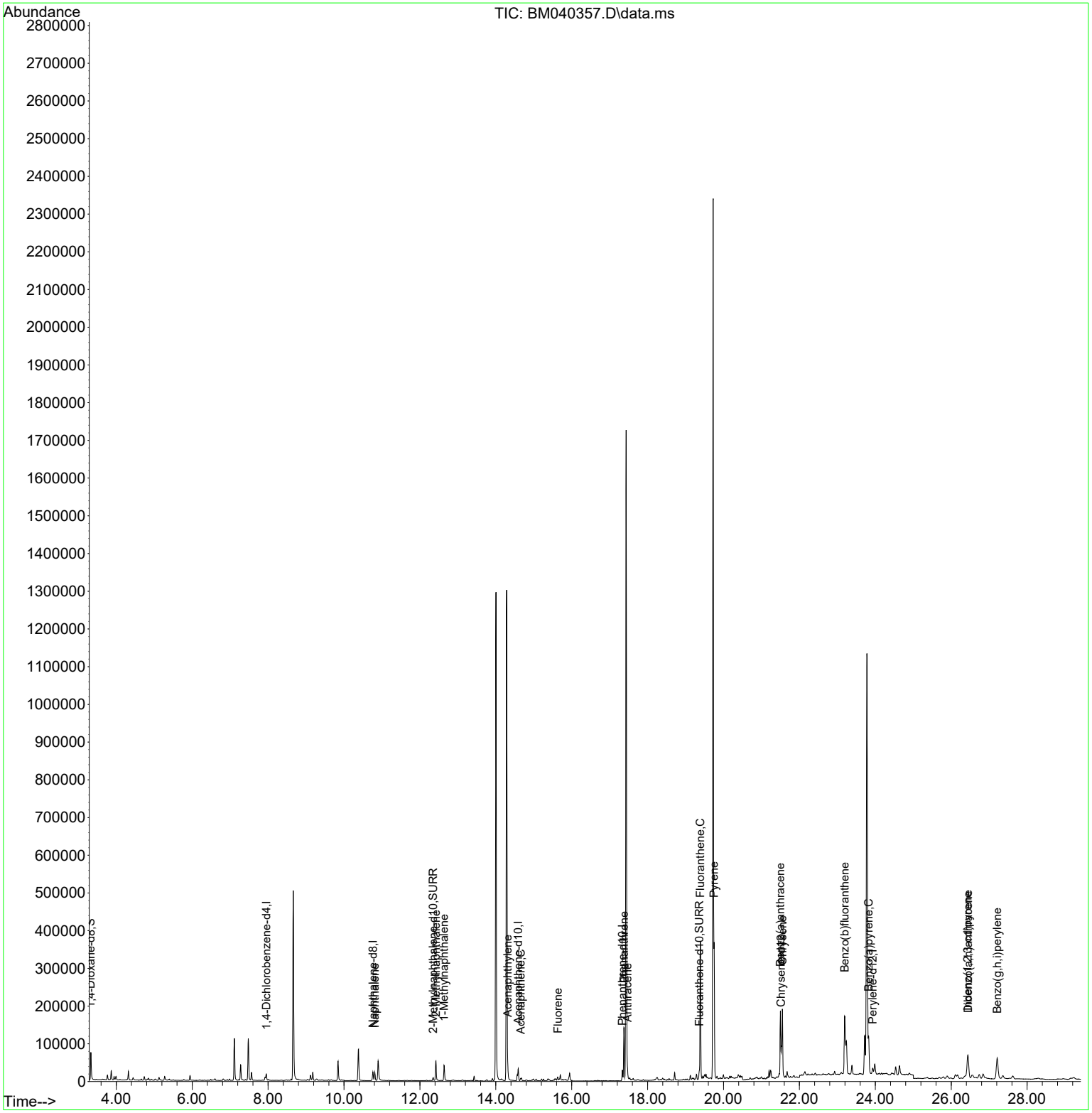
(#) = qualifier out of range (m) = manual integration (+) = signals summed

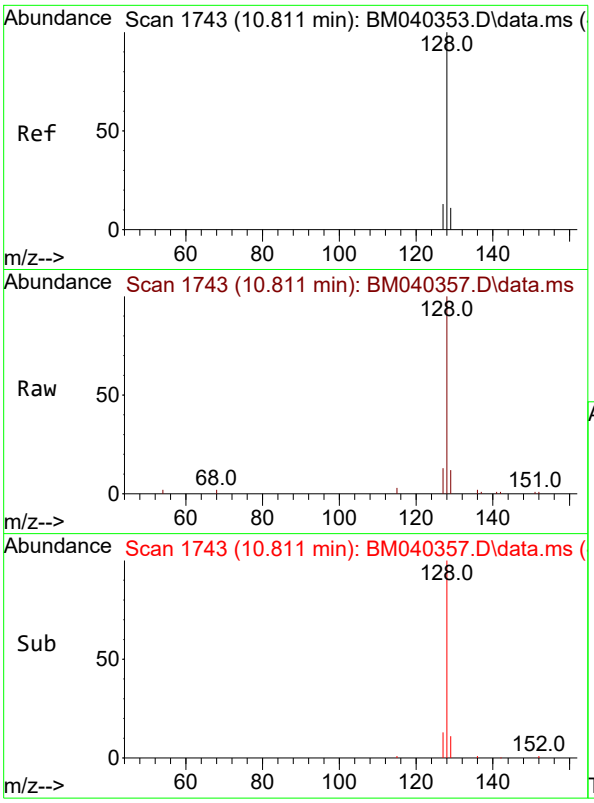
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040357.D
Acq On : 22 Jun 2023 20:20
Operator : MA/JU
Sample : 03084-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFM1

Quant Time: Jun 23 02:27:30 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



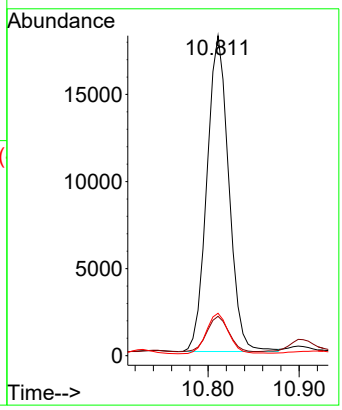


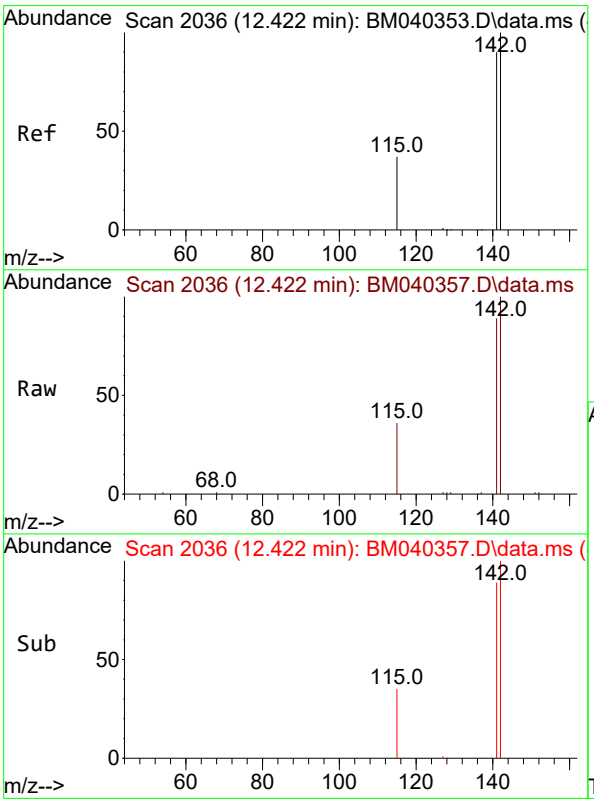
#5
Naphthalene
Concen: 0.349 ng/ul
RT: 10.811 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Instrument :
BNA_M
ClientSampleId :
DCFM1

Tgt Ion:128 Resp: 30217

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.2	13.8
127	13.2	10.6	15.8

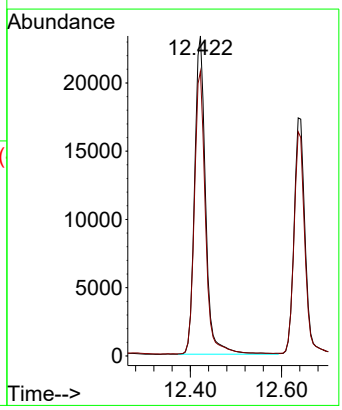


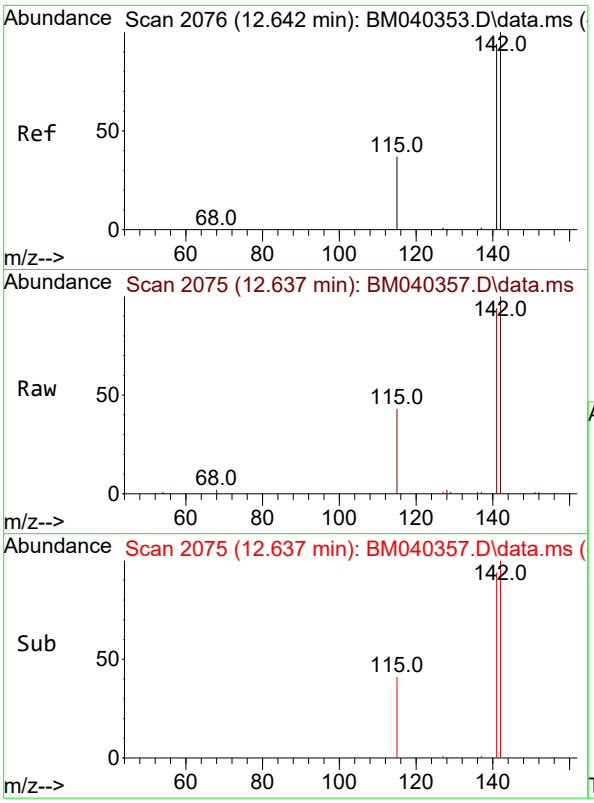


#7
2-Methylnaphthalene
Concen: 0.766 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Tgt Ion:142 Resp: 38970

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9



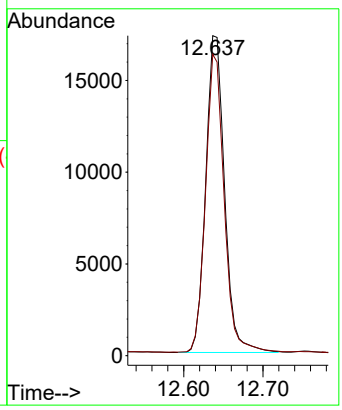


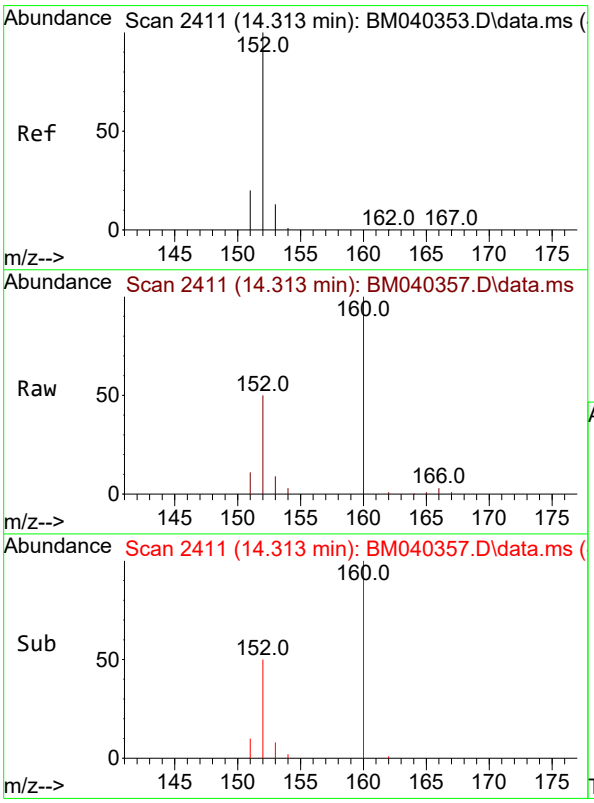
#8
1-Methylnaphthalene
Concen: 0.561 ng/ul
RT: 12.637 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Instrument :
BNA_M
ClientSampleId :
DCFM1

Tgt Ion:142 Resp: 28530

Ion	Ratio	Lower	Upper
142	100		
141	92.6	73.7	110.5

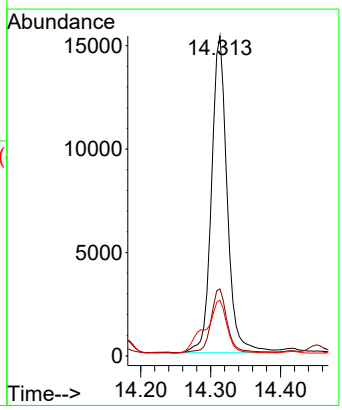


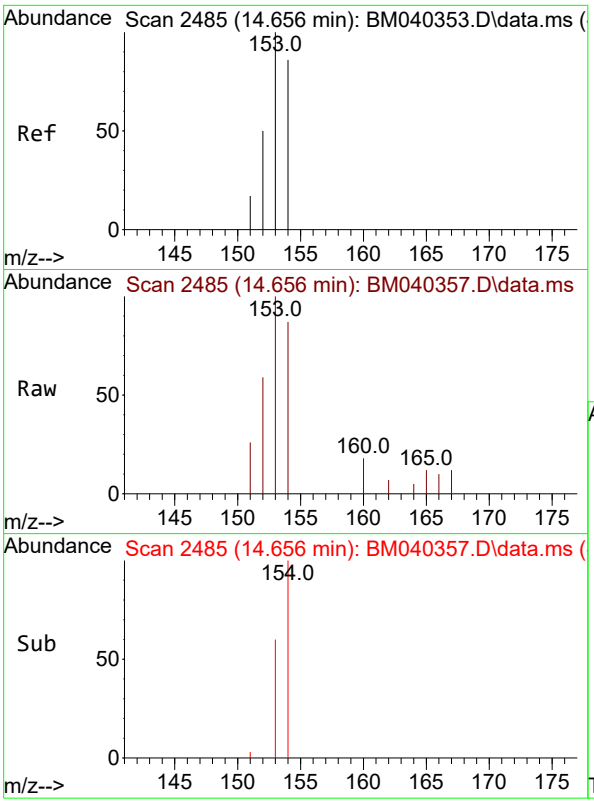


#10
Acenaphthylene
Concen: 0.314 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Tgt Ion:152 Resp: 23997

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.2	24.2
153	17.4	10.9	16.3#



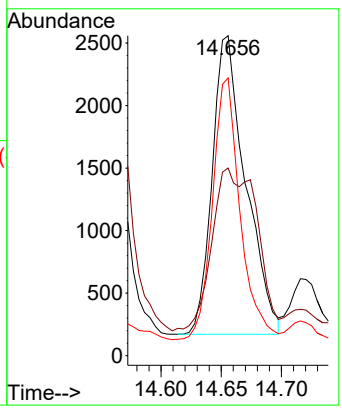


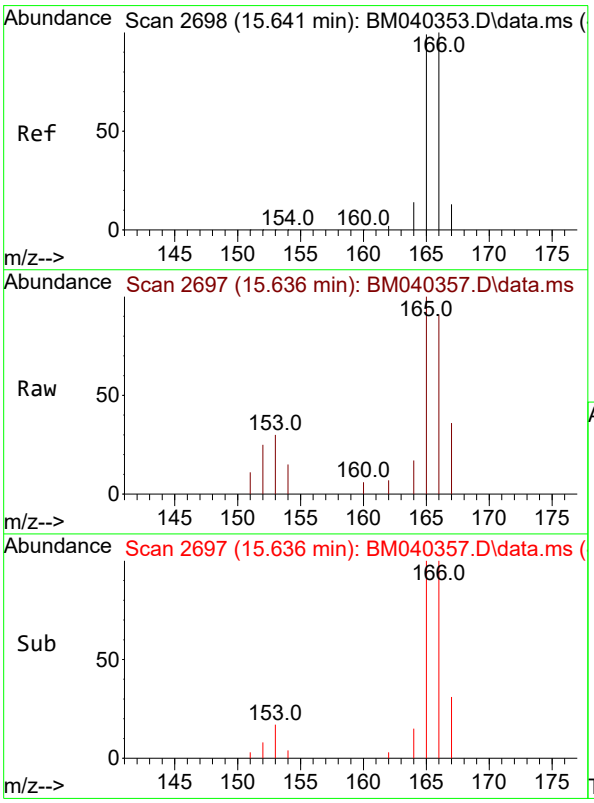
#11
Acenaphthene
Concen: 0.071 ng/ul
RT: 14.656 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Instrument :
BNA_M
ClientSampleId :
DCFM1

Tgt Ion:153 Resp: 4608

Ion	Ratio	Lower	Upper
153	100		
152	58.7	41.0	61.4
154	86.8	70.8	106.2

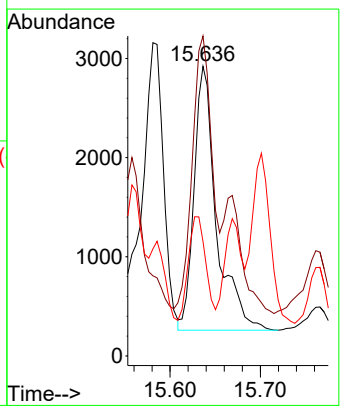


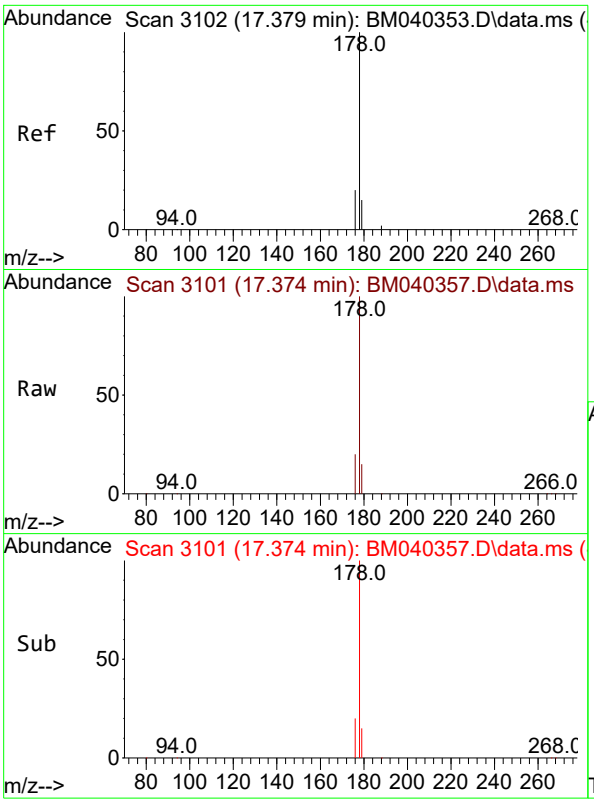


#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.636 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Tgt Ion:166 Resp: 4582

Ion	Ratio	Lower	Upper
166	100		
165	110.5	79.6	119.4
167	39.6	11.4	17.0#



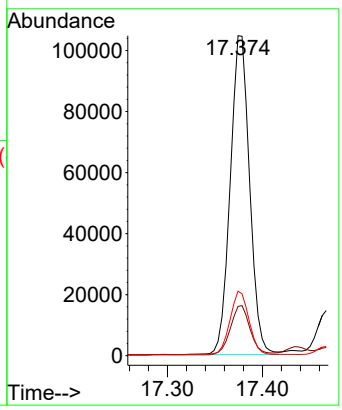


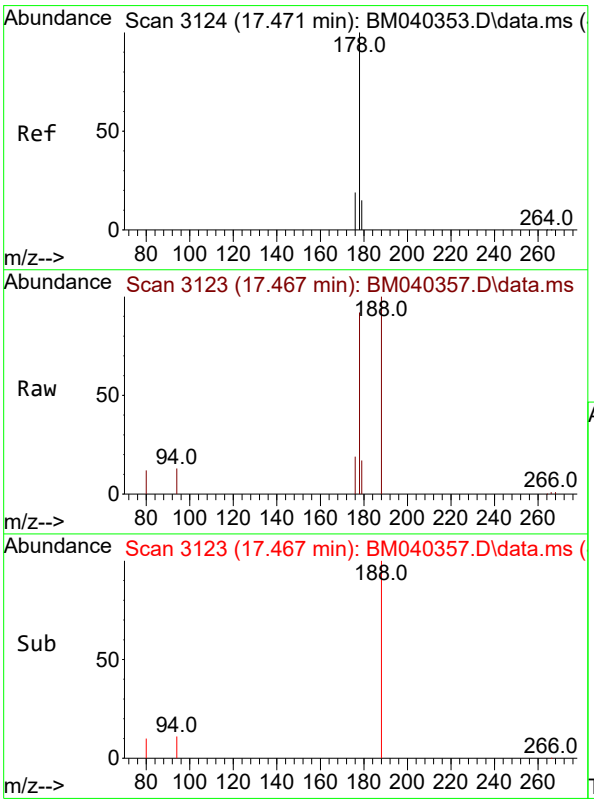
#15
Phenanthrene
Concen: 1.472 ng/ul
RT: 17.374 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Instrument :
BNA_M
ClientSampleId :
DCFM1

Tgt Ion:178 Resp: 147914

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	20.2	16.4	24.6

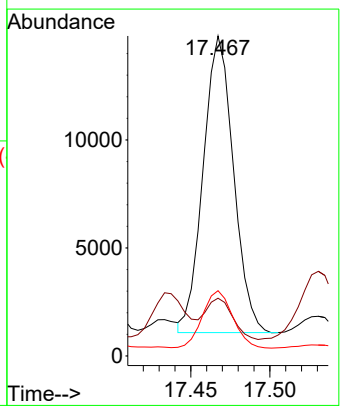


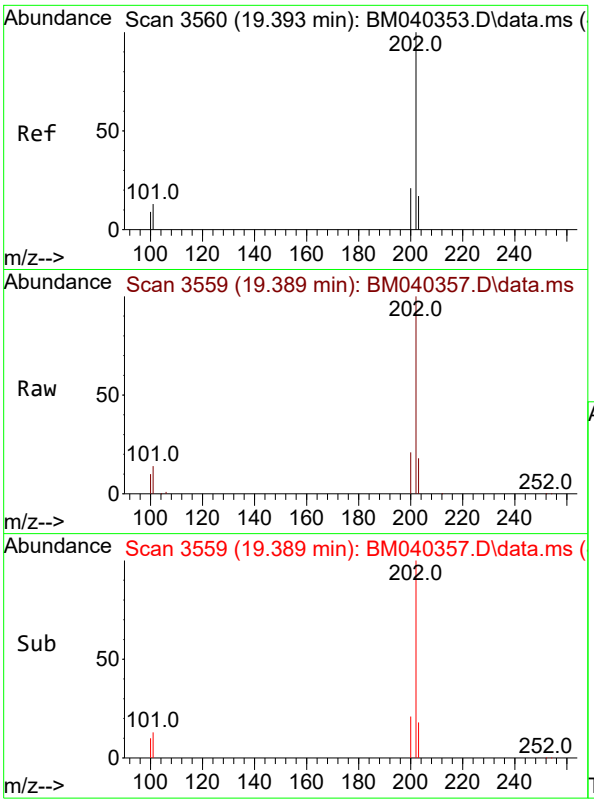


#16
Anthracene
Concen: 0.216 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Tgt Ion:178 Resp: 18282

Ion	Ratio	Lower	Upper
178	100		
179	18.1	12.9	19.3
176	20.4	15.8	23.6



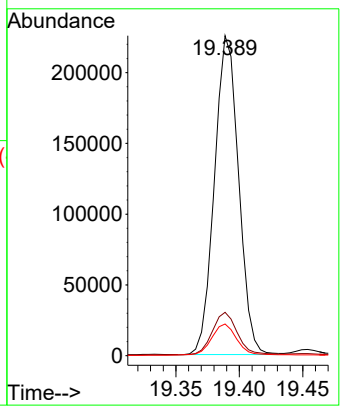


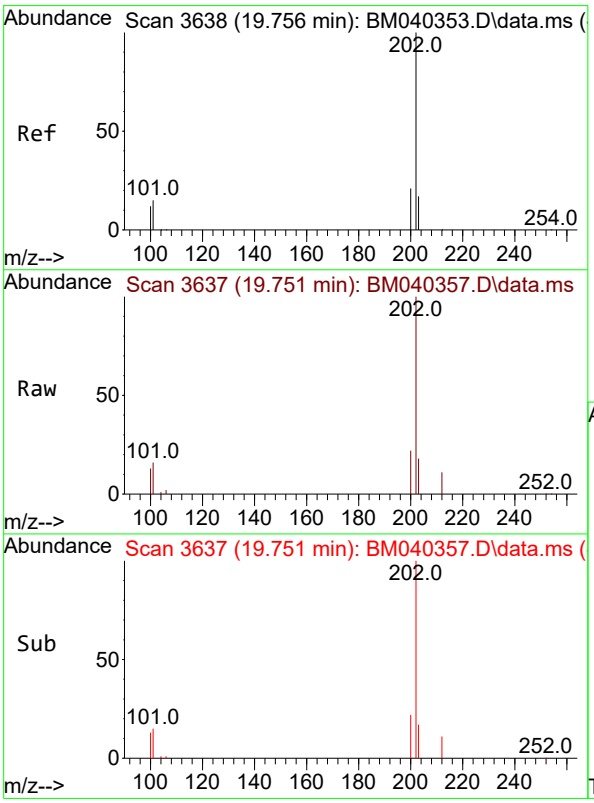
#19
Fluoranthene
Concen: 2.876 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Instrument :
BNA_M
ClientSampleId :
DCFM1

Tgt Ion:202 Resp: 298196

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.4	17.0
100	9.9	8.7	13.1

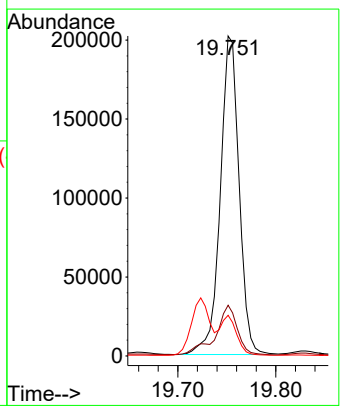


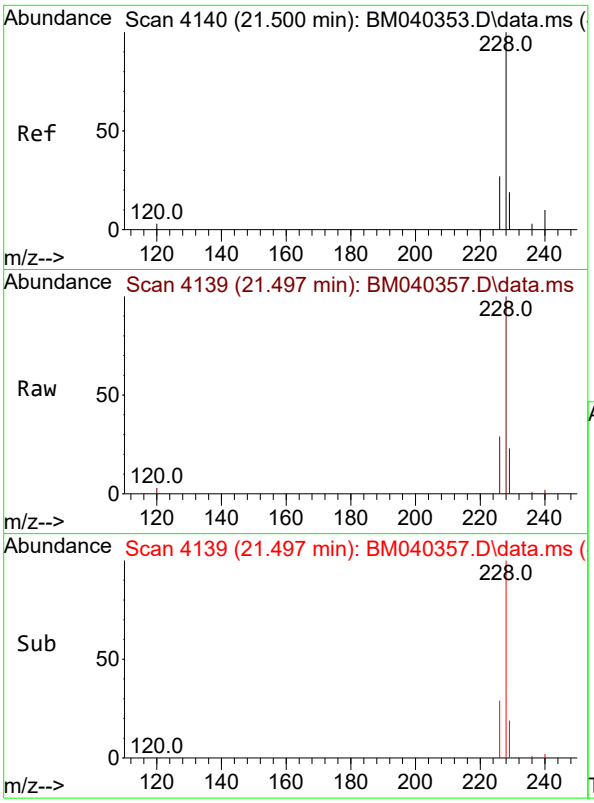


#20
Pyrene
Concen: 2.429 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Tgt Ion:202 Resp: 269930

Ion	Ratio	Lower	Upper
202	100		
101	15.8	12.6	18.8
100	12.7	9.8	14.6



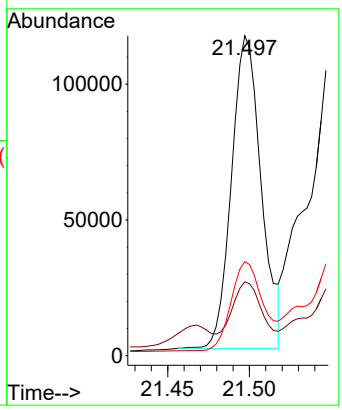


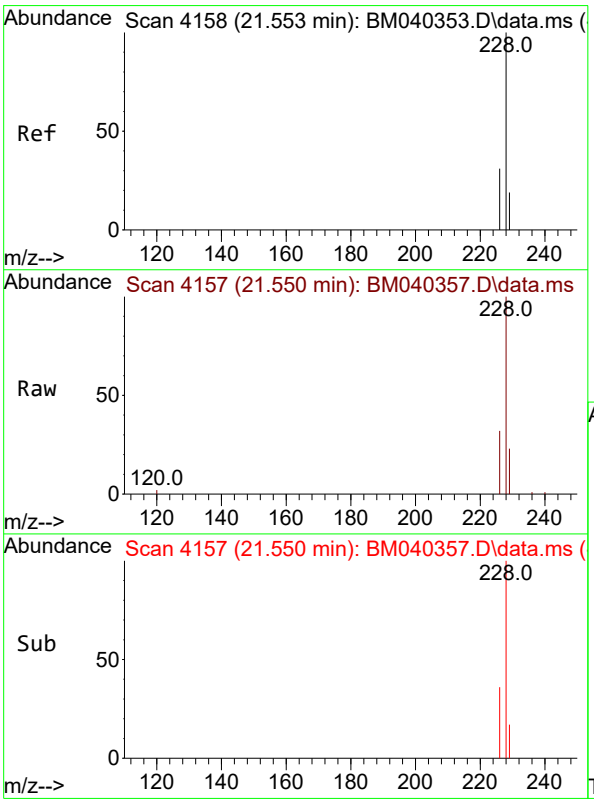
#21
Benzo(a)anthracene
Concen: 1.761 ng/ul
RT: 21.497 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Instrument :
BNA_M
ClientSampleId :
DCFM1

Tgt Ion:228 Resp: 145352

Ion	Ratio	Lower	Upper
228	100		
229	23.1	16.0	24.0
226	29.4	22.3	33.5

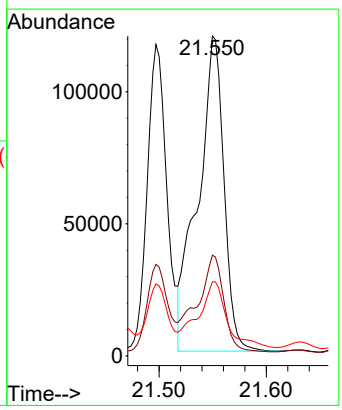


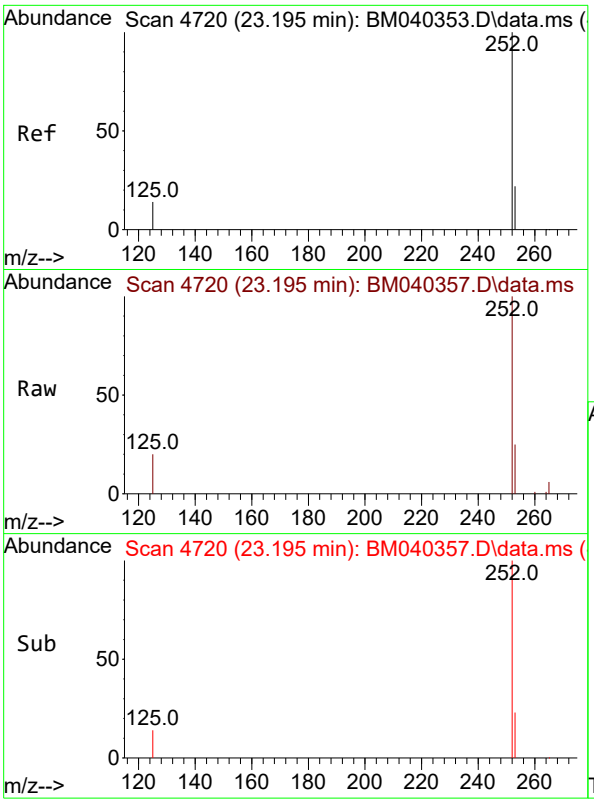


#22
Chrysene
Concen: 2.138 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Tgt Ion:228 Resp: 201371

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	23.2	15.8	23.6



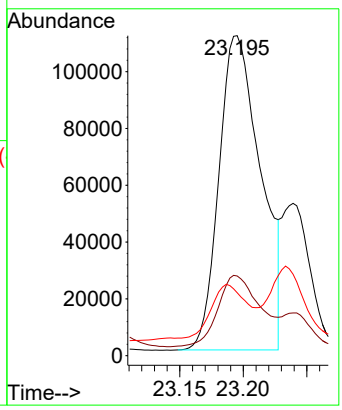


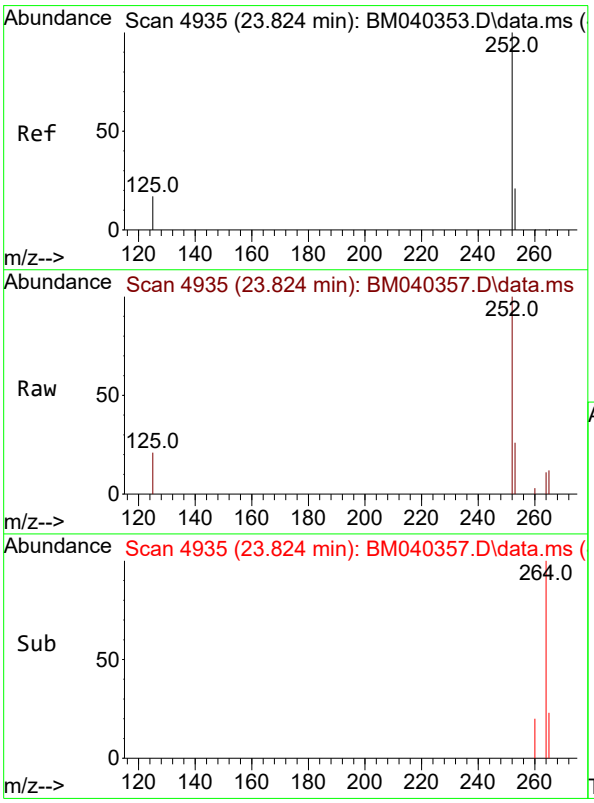
#24
Benzo(b)fluoranthene
Concen: 2.889 ng/ul
RT: 23.195 min Scan# 4
Delta R.T. 0.003 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Instrument :
BNA_M
ClientSampleId :
DCFM1

Tgt Ion:252 Resp: 253989

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	52.8
125	19.7	0.0	43.0

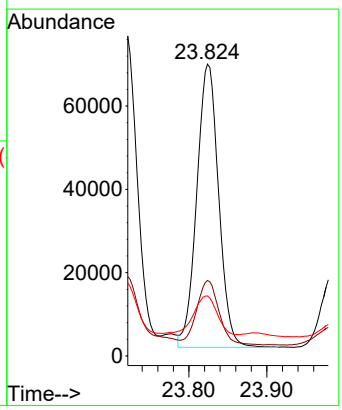


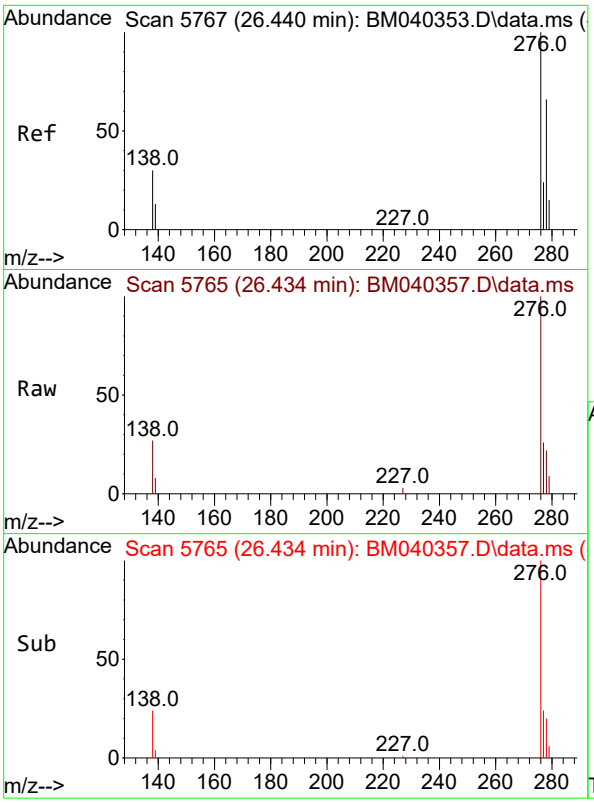


#26
Benzo(a)pyrene
Concen: 1.674 ng/ul
RT: 23.824 min Scan# 4935
Delta R.T. -0.000 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Tgt Ion:252 Resp: 132565

Ion	Ratio	Lower	Upper
252	100		
253	25.9	22.9	34.3
125	20.6	21.0	31.4#



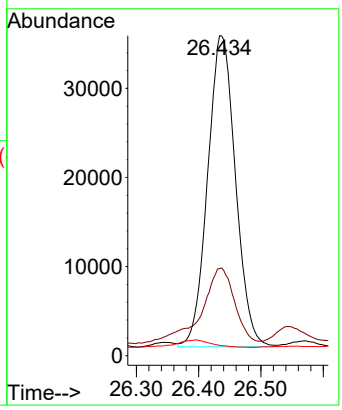


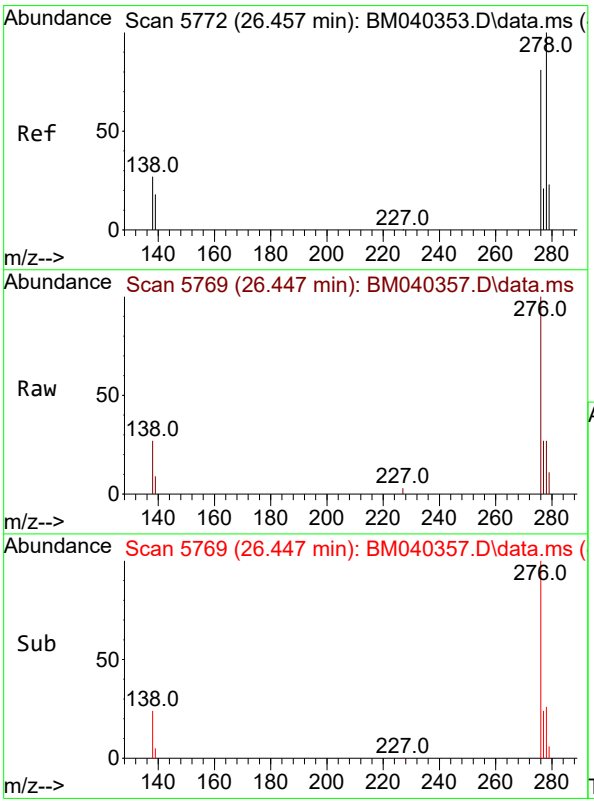
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.985 ng/ul
RT: 26.434 min Scan# 5
Delta R.T. -0.000 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Instrument :
BNA_M
ClientSampleId :
DCFM1

Tgt Ion:276 Resp: 108630

Ion	Ratio	Lower	Upper
276	100		
138	29.6	24.5	36.7
227	0.0	0.1	0.1#

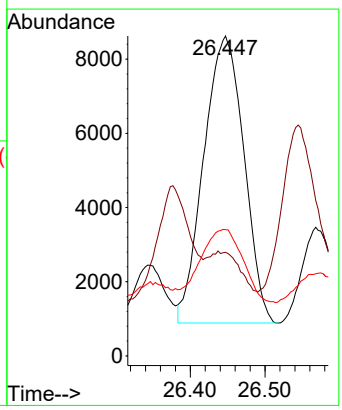


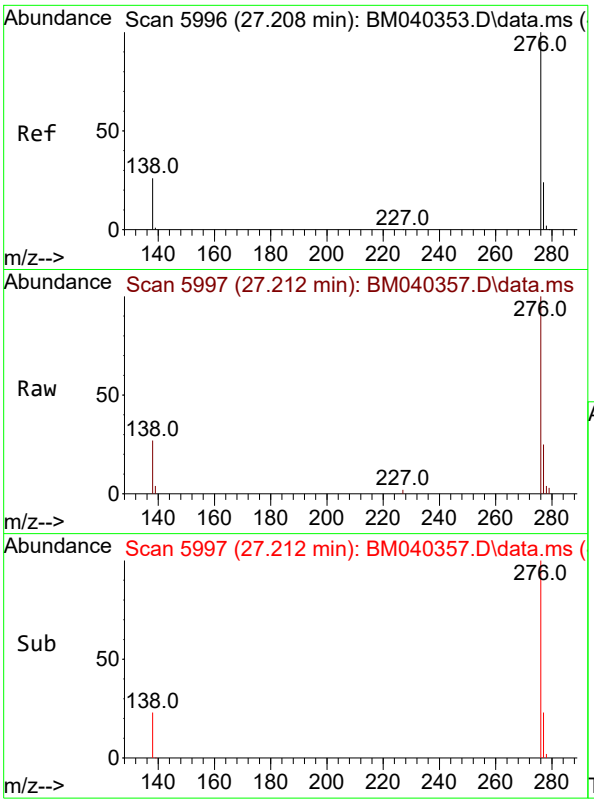


#28
Dibenzo(a,h)anthracene
Concen: 0.335 ng/ul
RT: 26.447 min Scan# 5769
Delta R.T. -0.007 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Tgt Ion:278 Resp: 28914

Ion	Ratio	Lower	Upper
278	100		
139	32.4	17.9	26.9#
279	39.4	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 1.298 ng/ul
RT: 27.212 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM040357.D
Acq: 22 Jun 2023 20:20

Instrument :
BNA_M
ClientSampleId :
DCFM1

Tgt Ion:276 Resp: 125491

Ion	Ratio	Lower	Upper
276	100		
138	26.9	23.0	34.6
277	25.4	20.3	30.5