Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040356.D
Acq On : 22 Jun 2023 19:43
Operator : MA/JU
Sample : 03084-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFM0

Quant Time: Jun 23 02:27:20 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	8599	0.400	ng/ul	0.00
4) Naphthalene-d8	10.762	136	30910	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.591	164	16561	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	32100	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	27299	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	24484	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	41578	3.078	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	9976	0.230	ng/ul	0.00
18) Fluoranthene-d10	19.361	212	19557	0.223	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.811	128	32933	0.386	ng/ul	99
7) 2-Methylnaphthalene	12.422	142	15043	0.300	ng/ul	98
8) 1-Methylnaphthalene	12.642	142	10285	0.206	ng/ul	100
10) Acenaphthylene	14.313	152	55747	0.754	ng/ul	99
11) Acenaphthene	14.651	153	11465	0.184	ng/ul	98
12) Fluorene	15.636	166	12183	0.183	ng/ul#	98
15) Phenanthrene	17.374	178	375138	3.762	ng/ul	99
16) Anthracene	17.467	178	52878	0.631	ng/ul	99
19) Fluoranthene	19.389	202	968816	8.355	ng/ul	97
20) Pyrene	19.751	202	804872	6.474	ng/ul	99
21) Benzo(a)anthracene	21.497	228	437257	4.735	ng/ul	98
22) Chrysene	21.550	228	513081	4.871	ng/ul	98
24) Benzo(b)fluoranthene	23.192	252	738425	7.793	ng/ul	89
26) Benzo(a)pyrene	23.821	252	421952	4.944	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.430	276	321482	2.705	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.437	278	83207	0.894	ng/ul	97
29) Benzo(g,h,i)perylene	27.208	276	293128	2.814	ng/ul	96

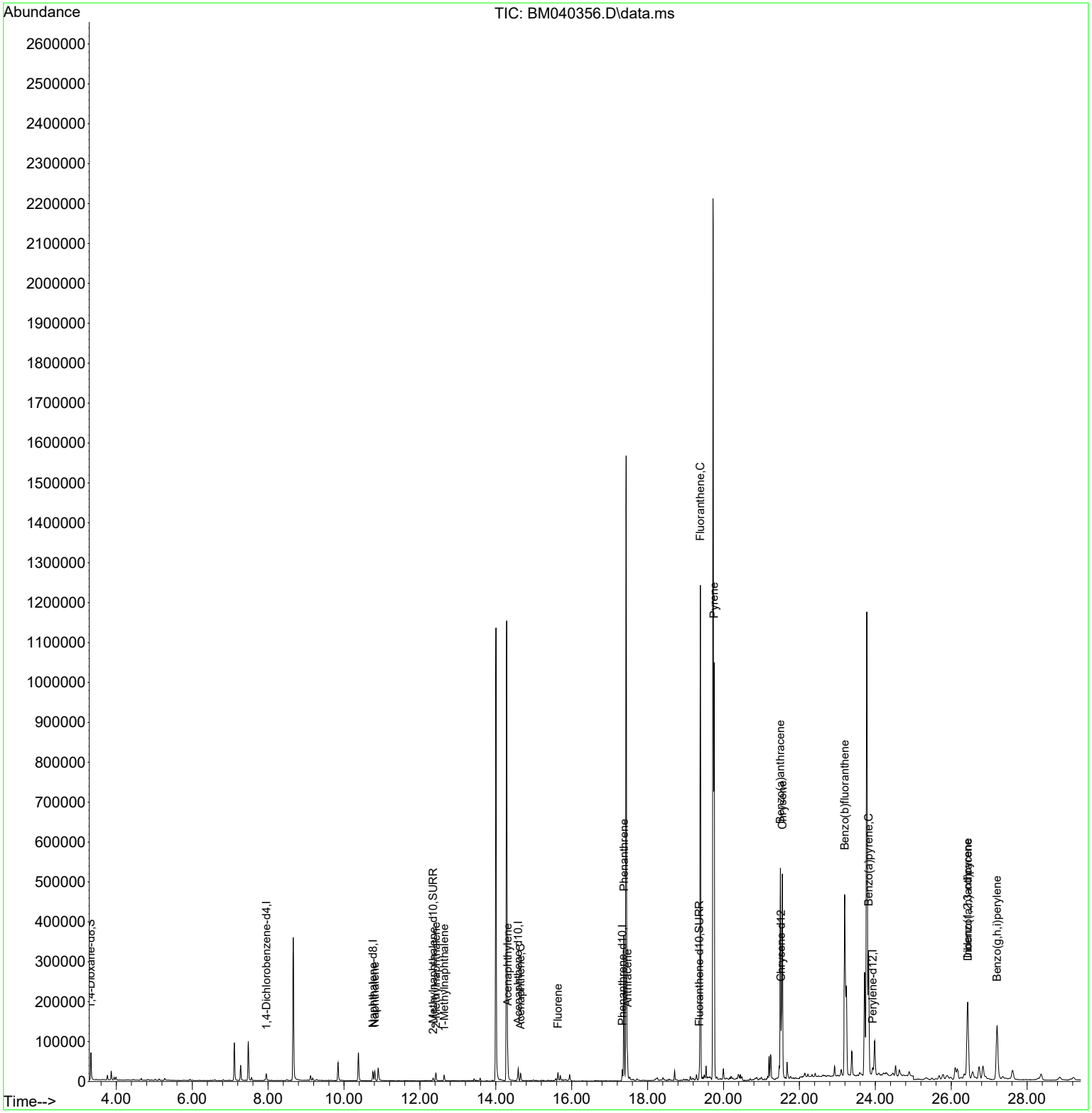
(#) = qualifier out of range (m) = manual integration (+) = signals summed

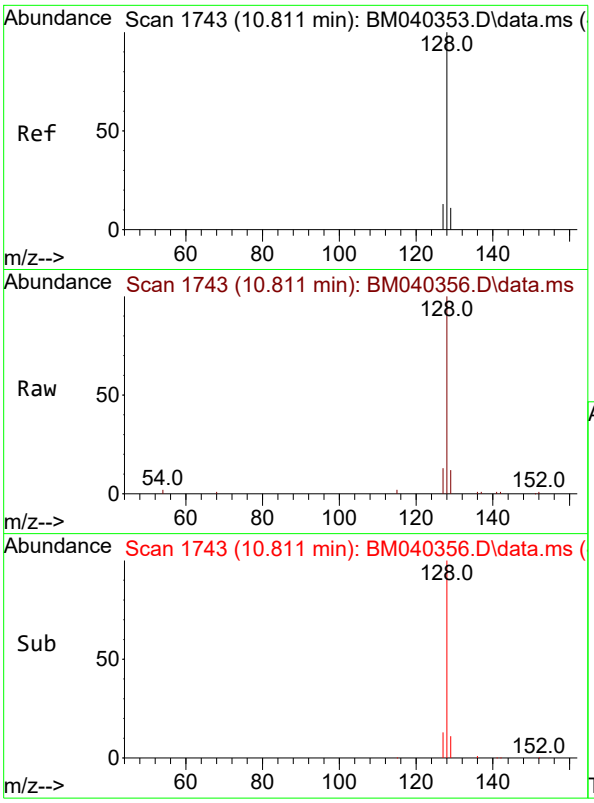
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
Data File : BM040356.D
Acq On : 22 Jun 2023 19:43
Operator : MA/JU
Sample : 03084-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFM0

Quant Time: Jun 23 02:27:20 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



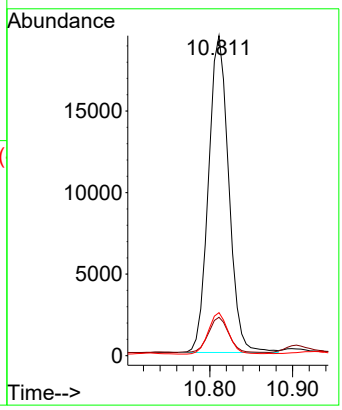


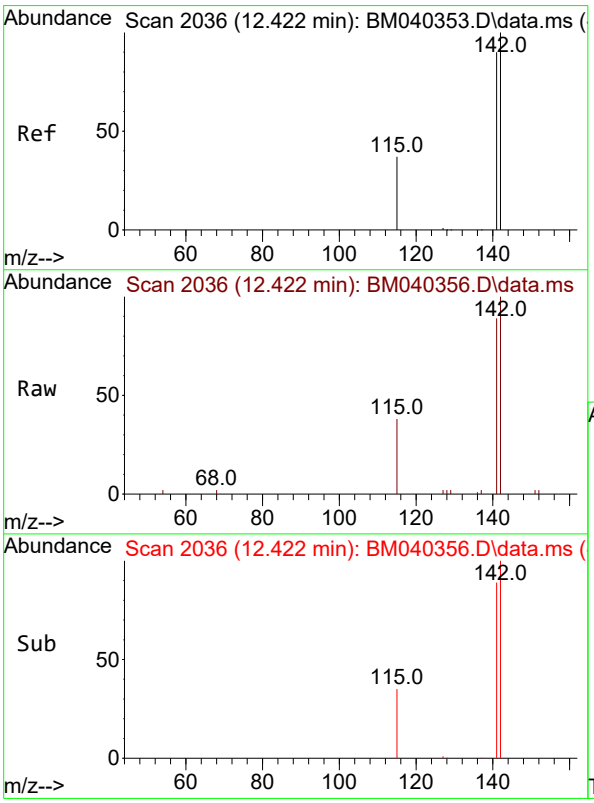
#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.811 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Instrument :
BNA_M
ClientSampleId :
DCFM0

Tgt Ion:128 Resp: 32933

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.2	13.8
127	13.4	10.6	15.8

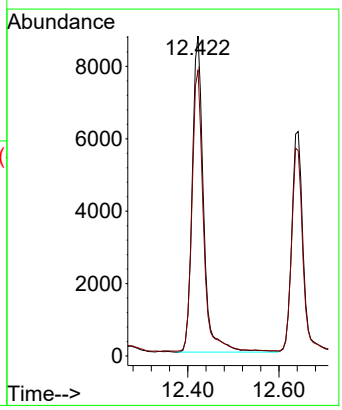


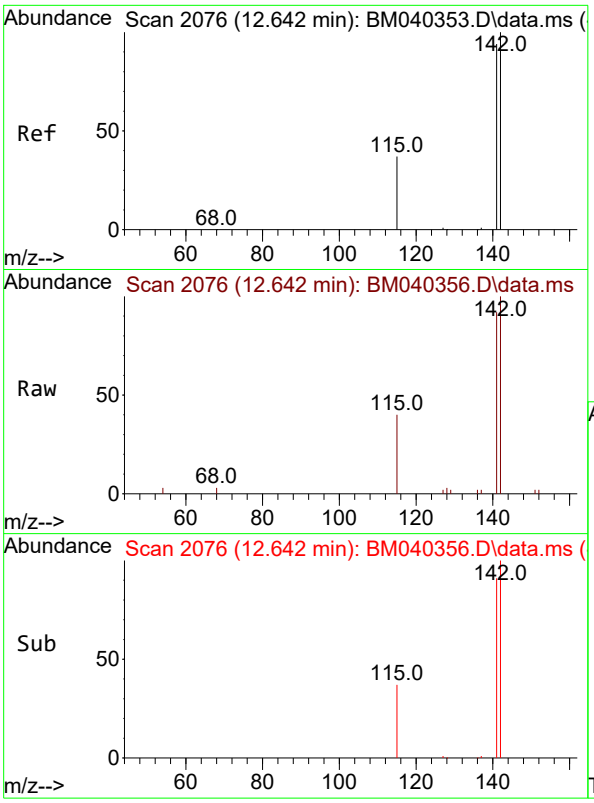


#7
2-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. -0.000 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Tgt Ion:142 Resp: 15043

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.9	107.9



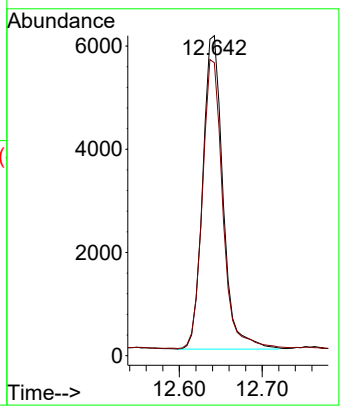


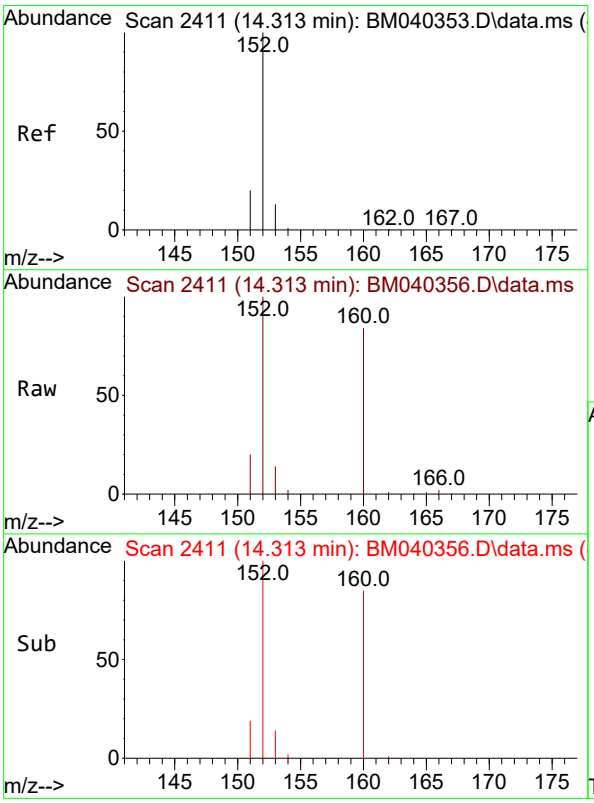
#8
1-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.642 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Instrument :
BNA_M
ClientSampleId :
DCFM0

Tgt Ion:142 Resp: 10285

Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.7	110.5

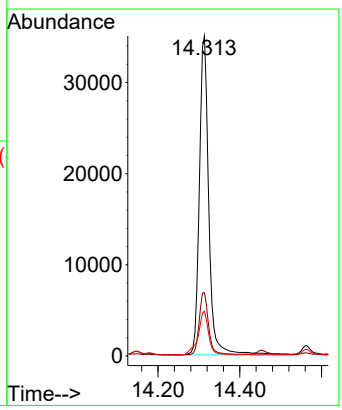


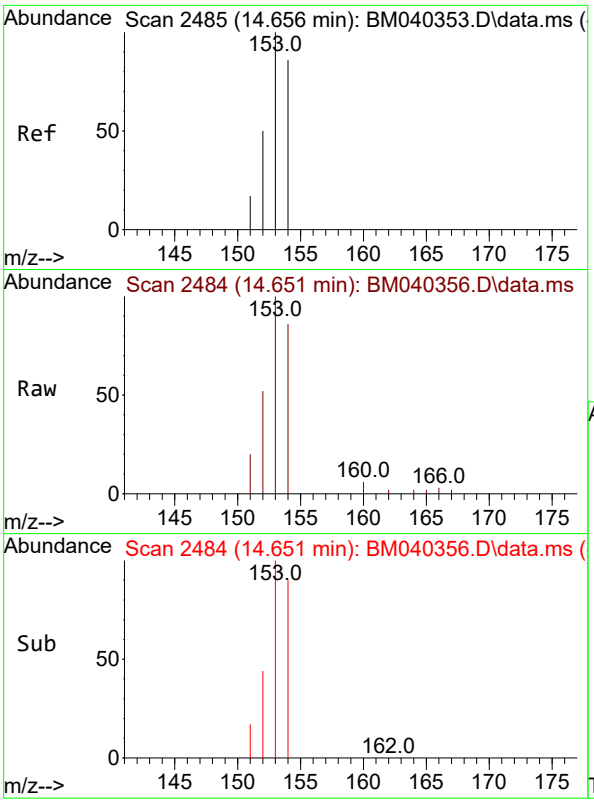


#10
Acenaphthylene
Concen: 0.754 ng/ul
RT: 14.313 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Tgt Ion:152 Resp: 55747

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	14.0	10.9	16.3



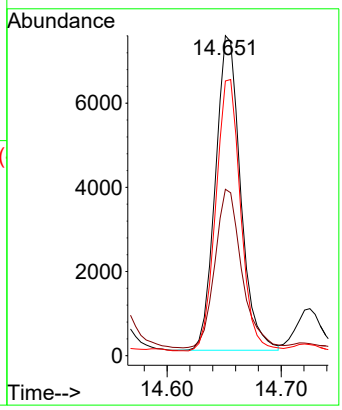


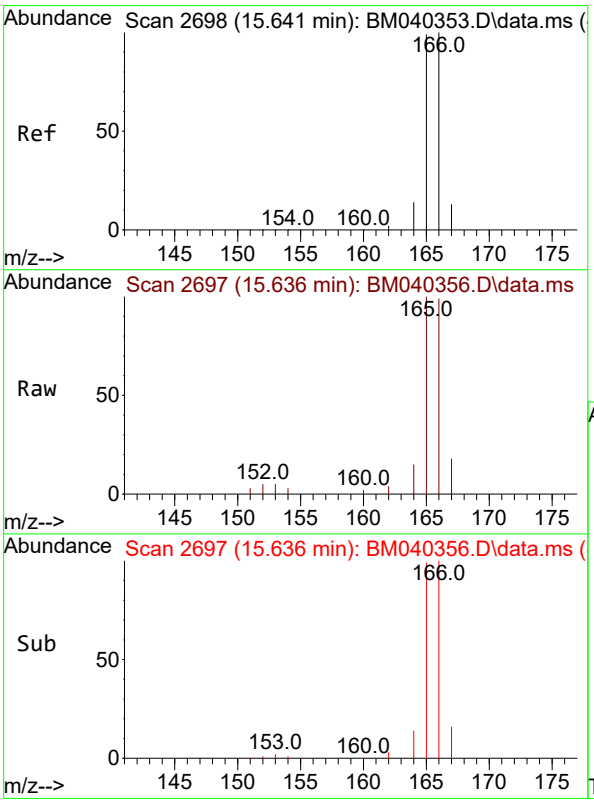
#11
Acenaphthene
Concen: 0.184 ng/ul
RT: 14.651 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Instrument :
BNA_M
ClientSampleId :
DCFM0

Tgt Ion:153 Resp: 11465

Ion	Ratio	Lower	Upper
153	100		
152	52.0	41.0	61.4
154	85.8	70.8	106.2

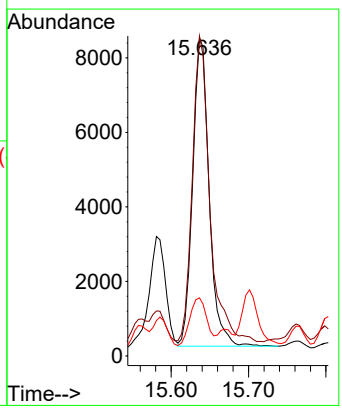


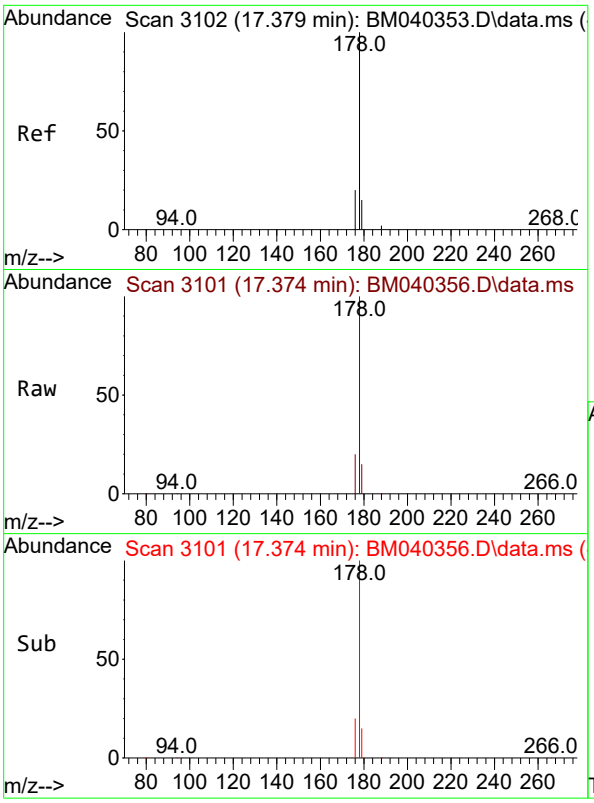


#12
Fluorene
Concen: 0.183 ng/ul
RT: 15.636 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Tgt Ion:166 Resp: 12183

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.6	119.4
167	18.3	11.4	17.0#



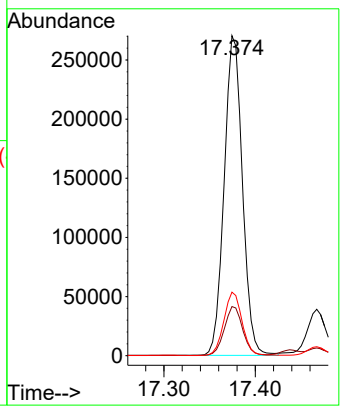


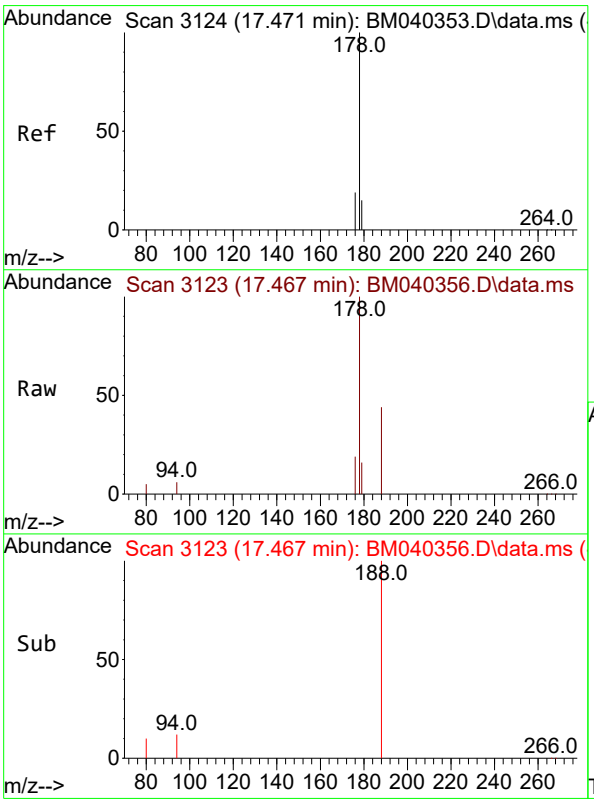
#15
Phenanthrene
Concen: 3.762 ng/ul
RT: 17.374 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Instrument :
BNA_M
ClientSampleId :
DCFM0

Tgt Ion:178 Resp: 375138

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	19.9	16.4	24.6

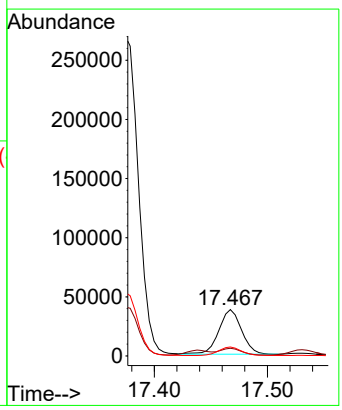


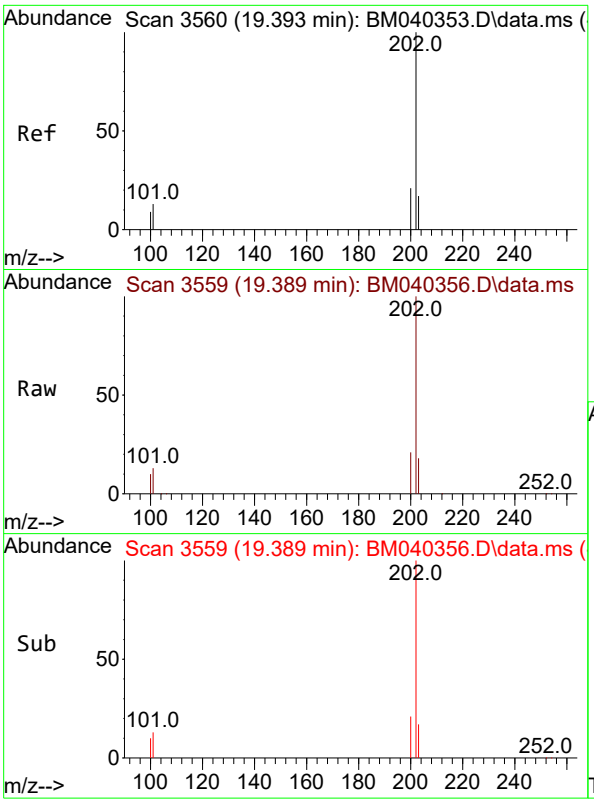


#16
Anthracene
Concen: 0.631 ng/ul
RT: 17.467 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Tgt Ion:178 Resp: 52878

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.3	15.8	23.6



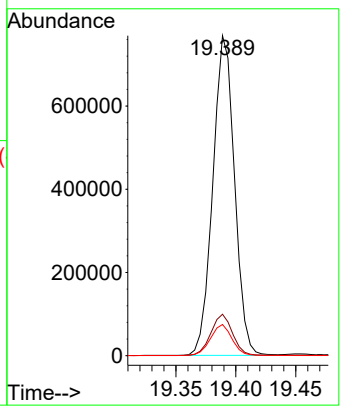


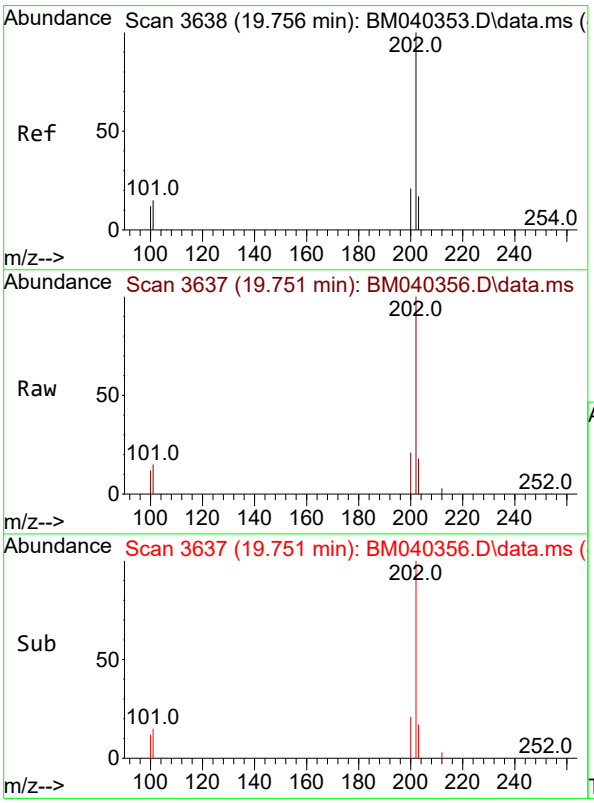
#19
Fluoranthene
Concen: 8.355 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Instrument :
BNA_M
ClientSampleId :
DCFM0

Tgt Ion:202 Resp: 968816

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.4	17.0
100	9.7	8.7	13.1

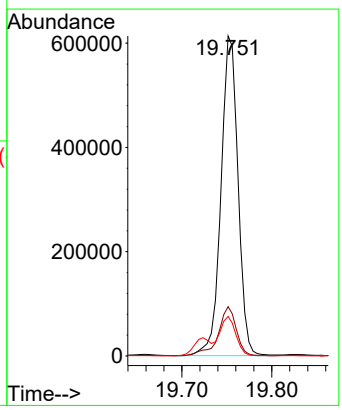


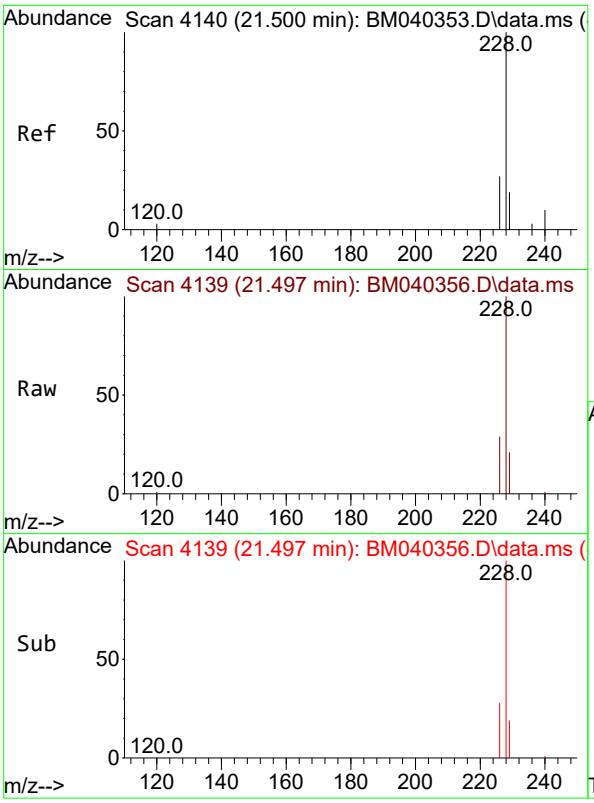


#20
Pyrene
Concen: 6.474 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Tgt Ion:202 Resp: 804872

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.6	18.8
100	12.4	9.8	14.6



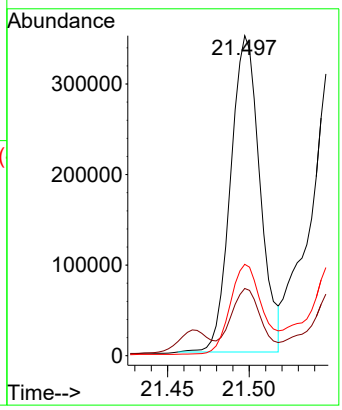


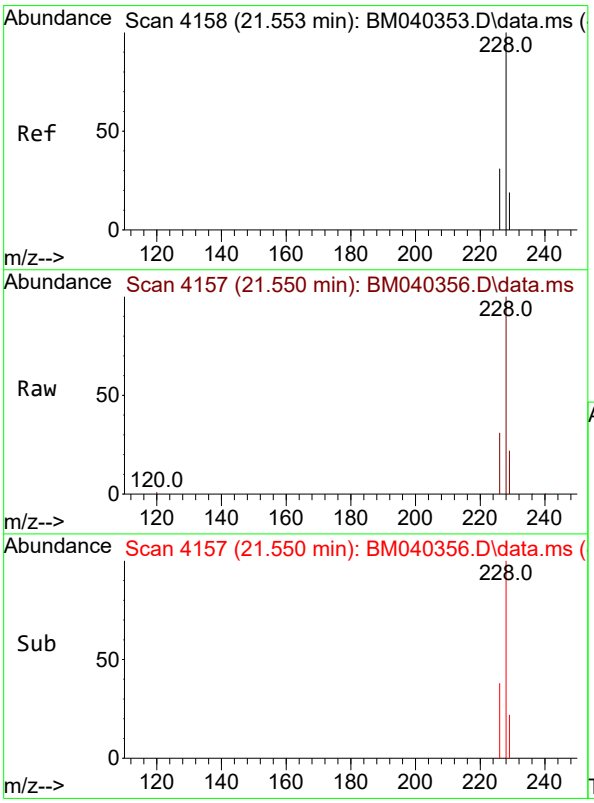
#21
Benzo(a)anthracene
Concen: 4.735 ng/ul
RT: 21.497 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Instrument :
BNA_M
ClientSampleId :
DCFM0

Tgt Ion:228 Resp: 437257

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.0	24.0
226	28.5	22.3	33.5

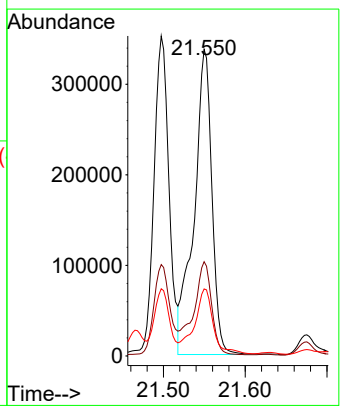


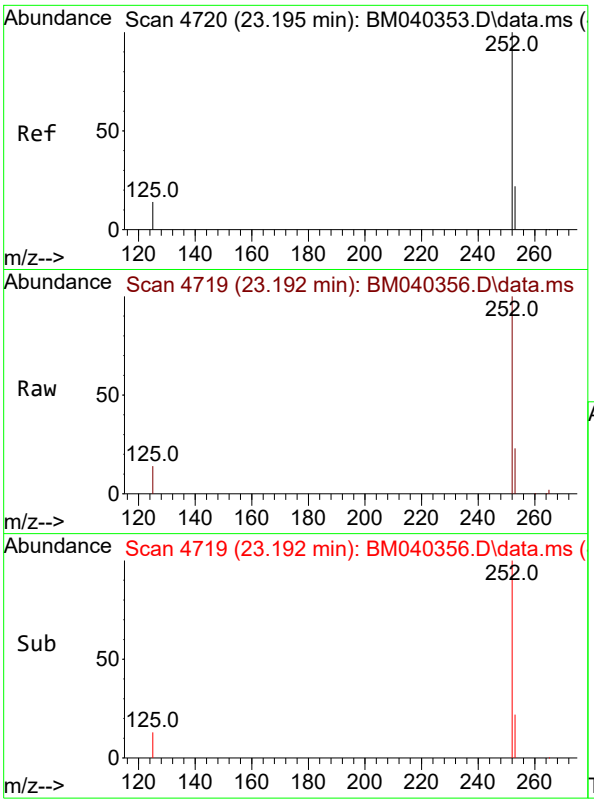


#22
Chrysene
Concen: 4.871 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Tgt Ion:228 Resp: 513081

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	21.9	15.8	23.6



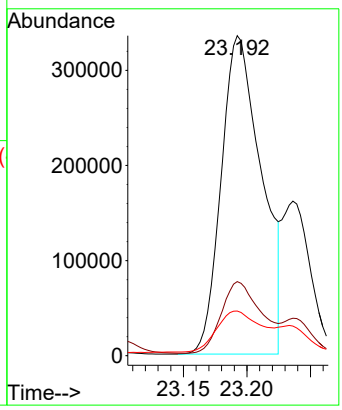


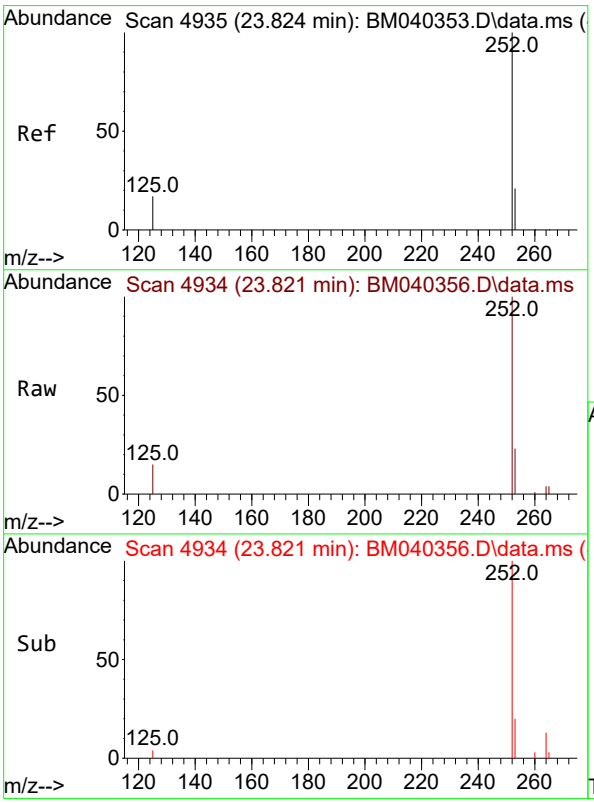
#24
Benzo(b)fluoranthene
Concen: 7.793 ng/ul
RT: 23.192 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Instrument :
BNA_M
ClientSampleId :
DCFM0

Tgt Ion:252 Resp: 738425

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	52.8
125	14.0	0.0	43.0

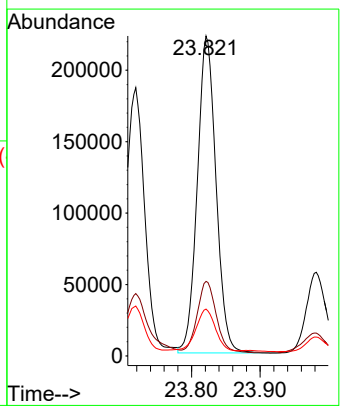


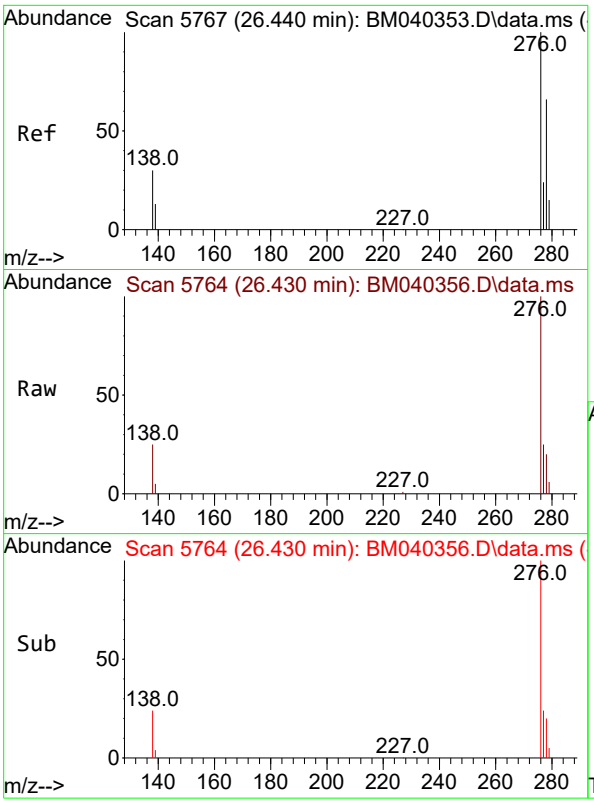


#26
Benzo(a)pyrene
Concen: 4.944 ng/ul
RT: 23.821 min Scan# 4934
Delta R.T. -0.003 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Tgt Ion:252 Resp: 421952

Ion	Ratio	Lower	Upper
252	100		
253	23.3	22.9	34.3
125	14.6	21.0	31.4#



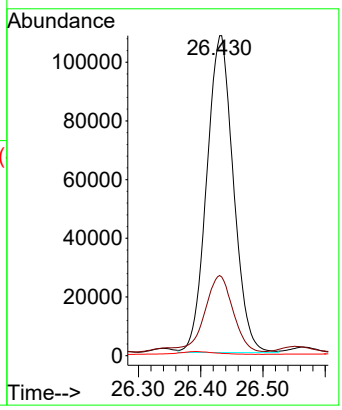


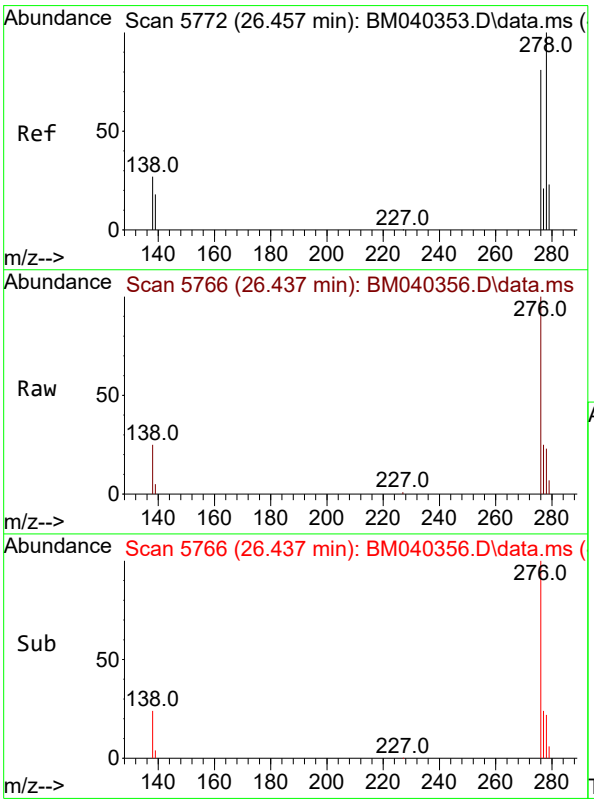
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.705 ng/ul
RT: 26.430 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Instrument :
BNA_M
ClientSampleId :
DCFM0

Tgt Ion:276 Resp: 321482

Ion	Ratio	Lower	Upper
276	100		
138	26.6	24.5	36.7
227	0.0	0.1	0.1#

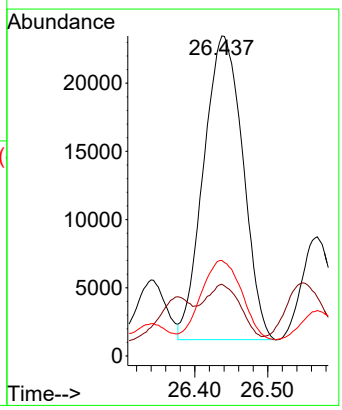


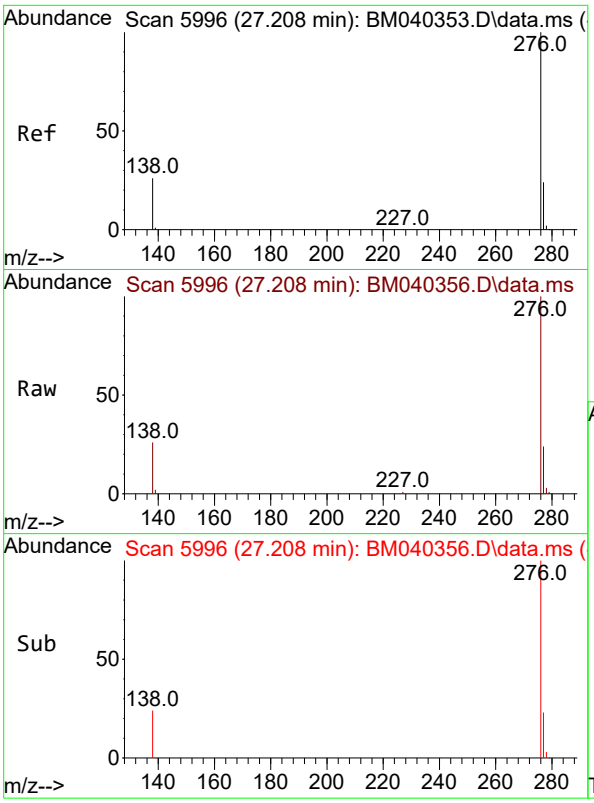


#28
Dibenzo(a,h)anthracene
Concen: 0.894 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. -0.017 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Tgt Ion:278 Resp: 83207

Ion	Ratio	Lower	Upper
278	100		
139	22.4	17.9	26.9
279	29.8	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 2.814 ng/ul
RT: 27.208 min Scan# 5
Delta R.T. 0.003 min
Lab File: BM040356.D
Acq: 22 Jun 2023 19:43

Instrument :
BNA_M
ClientSampleId :
DCFM0

Tgt Ion:276 Resp: 293128

Ion	Ratio	Lower	Upper
276	100		
138	25.8	23.0	34.6
277	24.2	20.3	30.5