Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040398.D
Acq On : 26 Jun 2023 12:56
Operator : MA/JU
Sample : 03084-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFM6

Quant Time: Jun 27 04:25:20 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	7.949	152	7686	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	28393	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.586	164	13990	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	29154	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	18241	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	17062	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.333	96	26920	2.230	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	6288	0.158	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	11561	0.198	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	52701	0.673	ng/ul	100
7) 2-Methylnaphthalene	12.417	142	19132	0.416	ng/ul	99
8) 1-Methylnaphthalene	12.637	142	11470	0.250	ng/ul	99
10) Acenaphthylene	14.309	152	47579	0.761	ng/ul	99
11) Acenaphthene	14.651	153	9078	0.172	ng/ul	98
12) Fluorene	15.637	166	10049	0.178	ng/ul#	97
15) Phenanthrene	17.375	178	270720	2.989	ng/ul	98
16) Anthracene	17.463	178	42597	0.560	ng/ul	100
19) Fluoranthene	19.389	202	734718	9.482	ng/ul#	94
20) Pyrene	19.751	202	581185	6.996	ng/ul	97
21) Benzo(a)anthracene	21.494	228	294881	4.779	ng/ul	98
22) Chrysene	21.547	228	321913	4.574	ng/ul	98
24) Benzo(b)fluoranthene	23.190	252	486425	7.367	ng/ul	90
26) Benzo(a)pyrene	23.818	252	282076	4.743	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.427	276	211424	2.552	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.437	278	53398	0.823	ng/ul	97
29) Benzo(g,h,i)perylene	27.205	276	201151	2.771	ng/ul	96

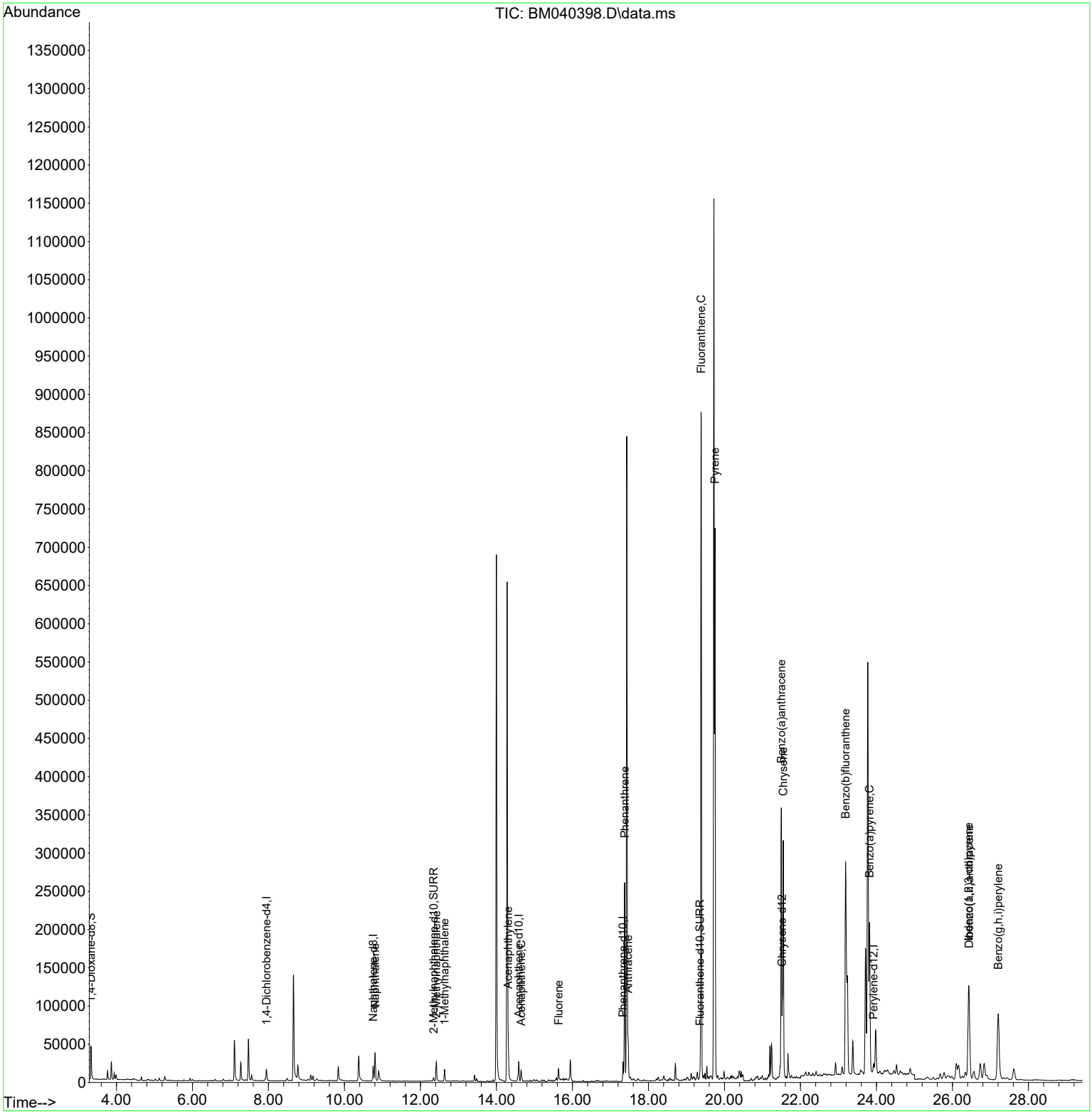
(#) = qualifier out of range (m) = manual integration (+) = signals summed

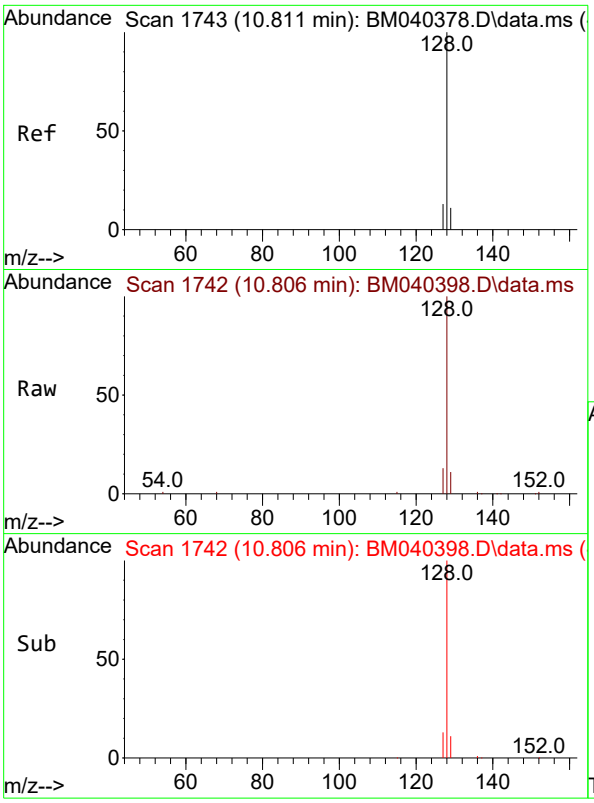
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
Data File : BM040398.D
Acq On : 26 Jun 2023 12:56
Operator : MA/JU
Sample : 03084-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFM6

Quant Time: Jun 27 04:25:20 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



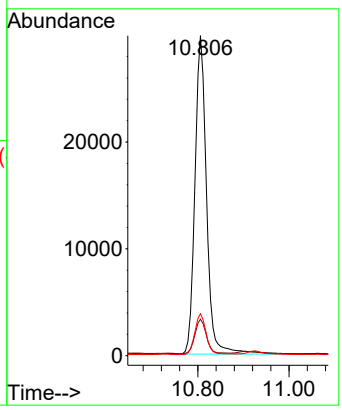


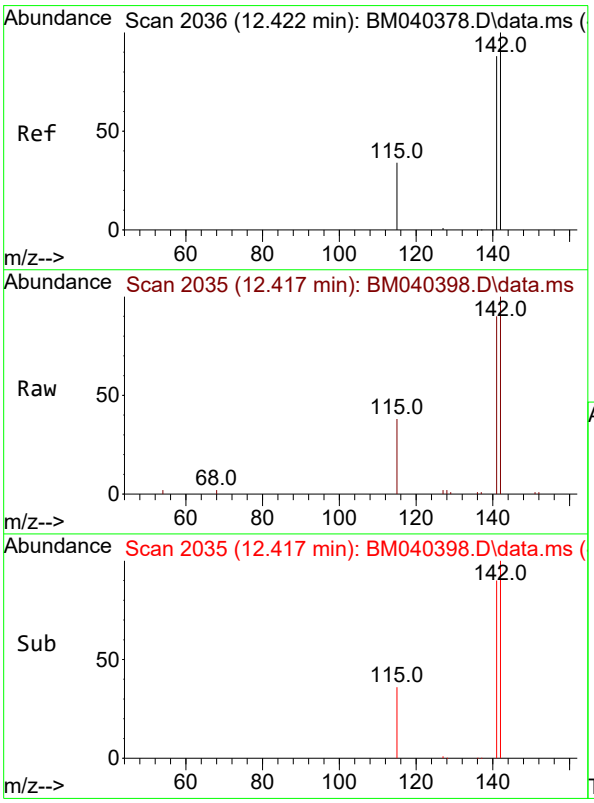
#5
Naphthalene
Concen: 0.673 ng/ul
RT: 10.806 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Instrument :
BNA_M
ClientSampleId :
DCFM6

Tgt Ion:128 Resp: 52701

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.1	10.6	15.8

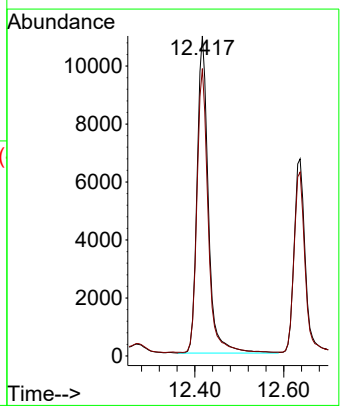


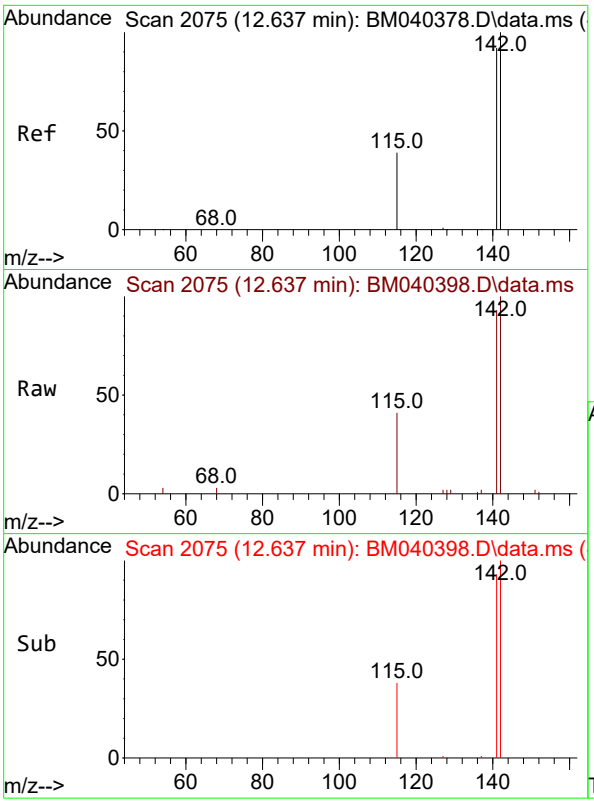


#7
2-Methylnaphthalene
Concen: 0.416 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.005 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Tgt Ion:142 Resp: 19132

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.9	107.9



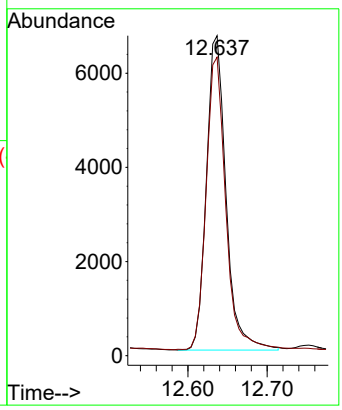


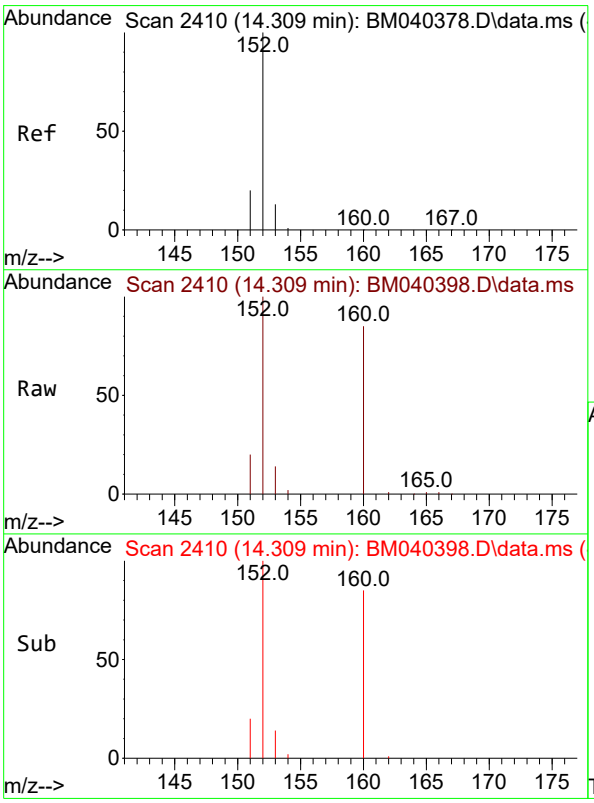
#8
1-Methylnaphthalene
Concen: 0.250 ng/ul
RT: 12.637 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Instrument :
BNA_M
ClientSampleId :
DCFM6

Tgt Ion:142 Resp: 11470

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.7	110.5

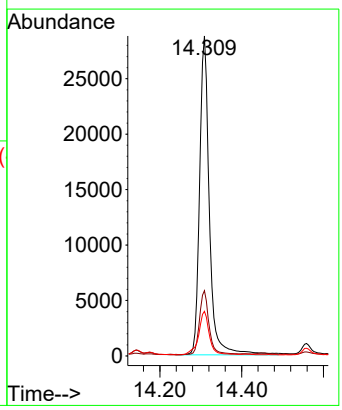


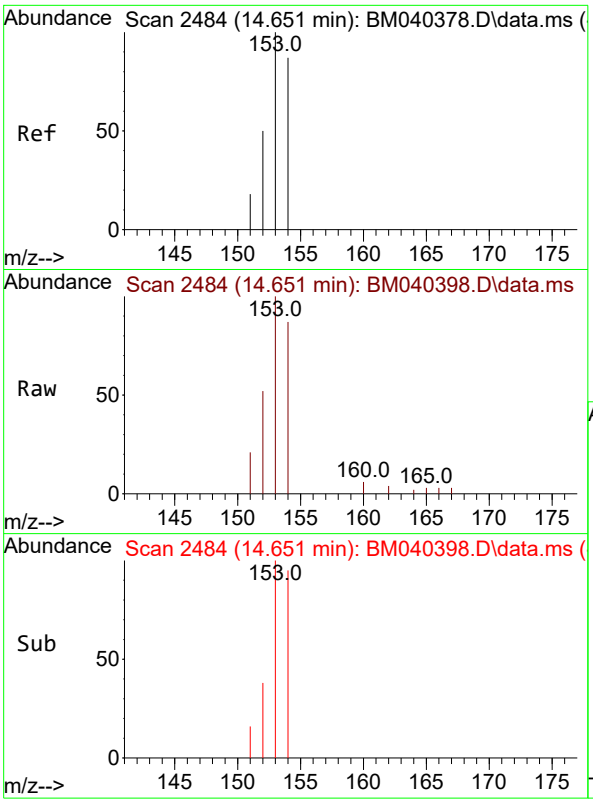


#10
Acenaphthylene
Concen: 0.761 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Tgt Ion:152 Resp: 47579

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	14.0	10.9	16.3



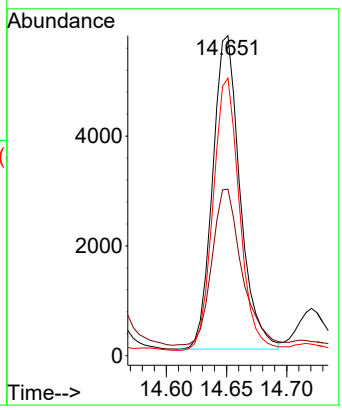


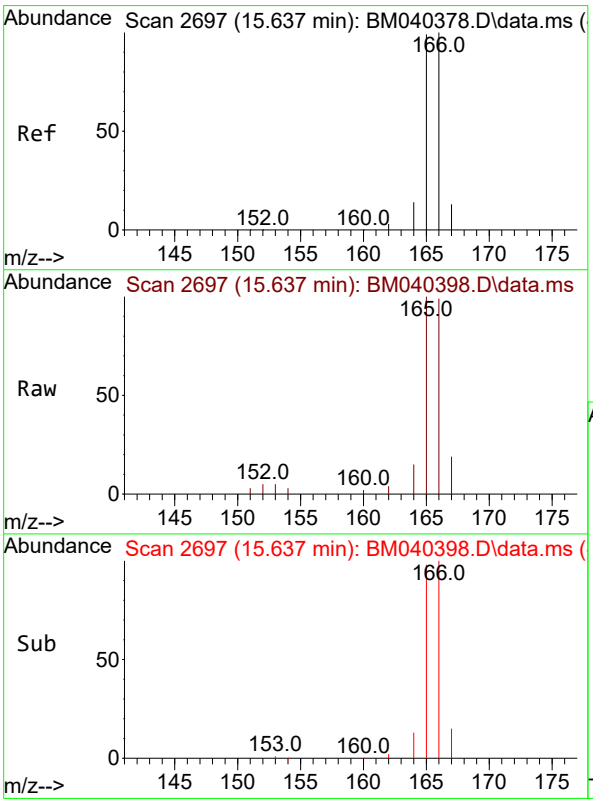
#11
Acenaphthene
Concen: 0.172 ng/ul
RT: 14.651 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Instrument :
BNA_M
ClientSampleId :
DCFM6

Tgt Ion:153 Resp: 9078

Ion	Ratio	Lower	Upper
153	100		
152	52.0	41.0	61.4
154	86.7	70.8	106.2

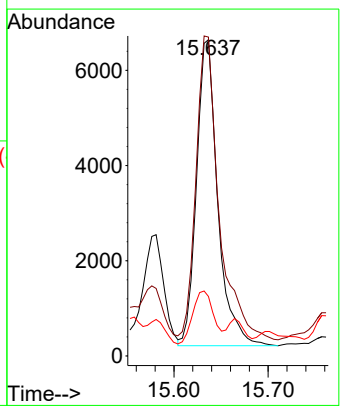


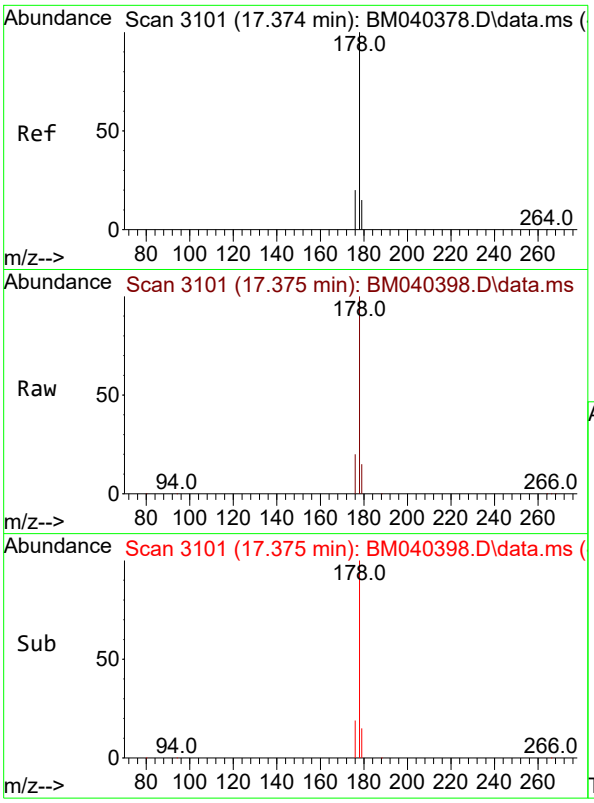


#12
Fluorene
Concen: 0.178 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Tgt Ion:166 Resp: 10049

Ion	Ratio	Lower	Upper
166	100		
165	100.8	79.6	119.4
167	18.8	11.4	17.0#



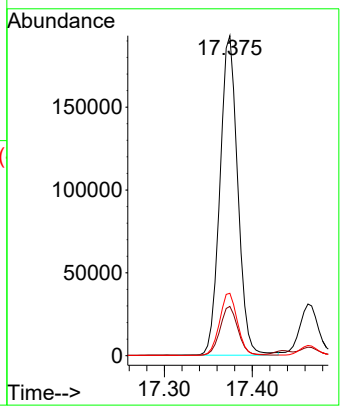


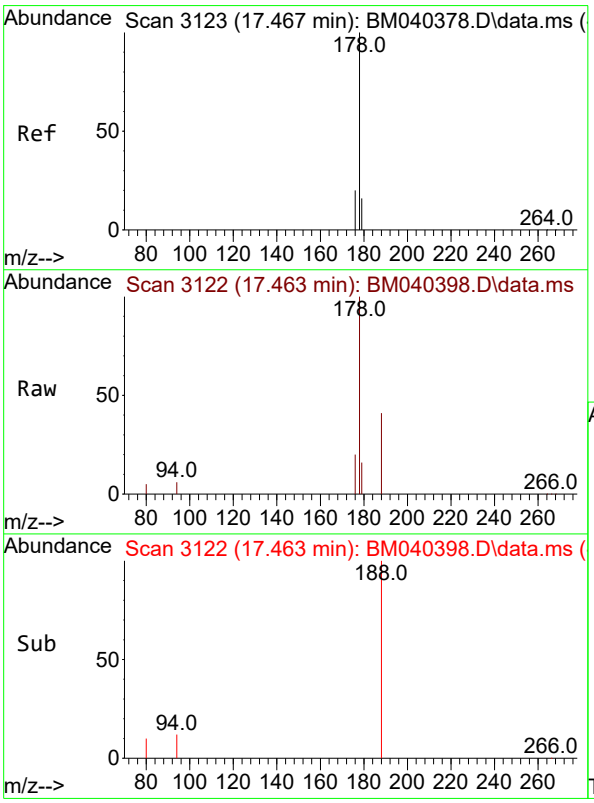
#15
Phenanthrene
Concen: 2.989 ng/ul
RT: 17.375 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Instrument :
BNA_M
ClientSampleId :
DCFM6

Tgt Ion:178 Resp: 270720

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	19.5	16.4	24.6

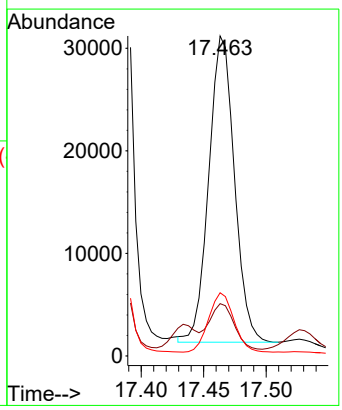


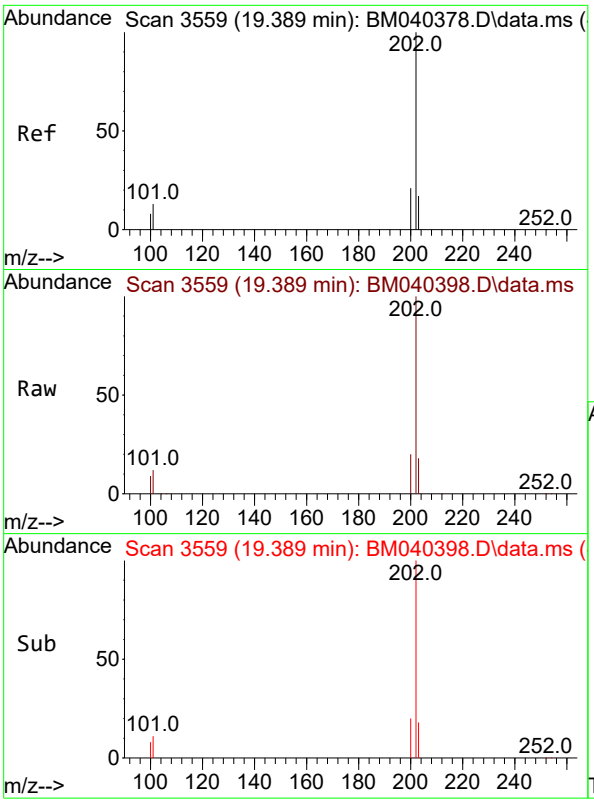


#16
Anthracene
Concen: 0.560 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Tgt Ion:178 Resp: 42597

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.8	15.8	23.6



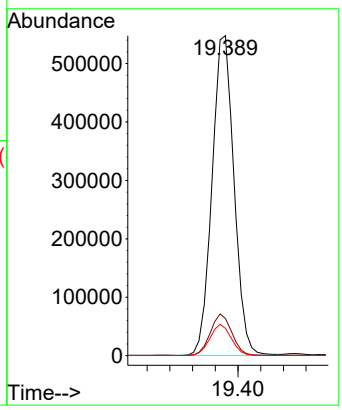


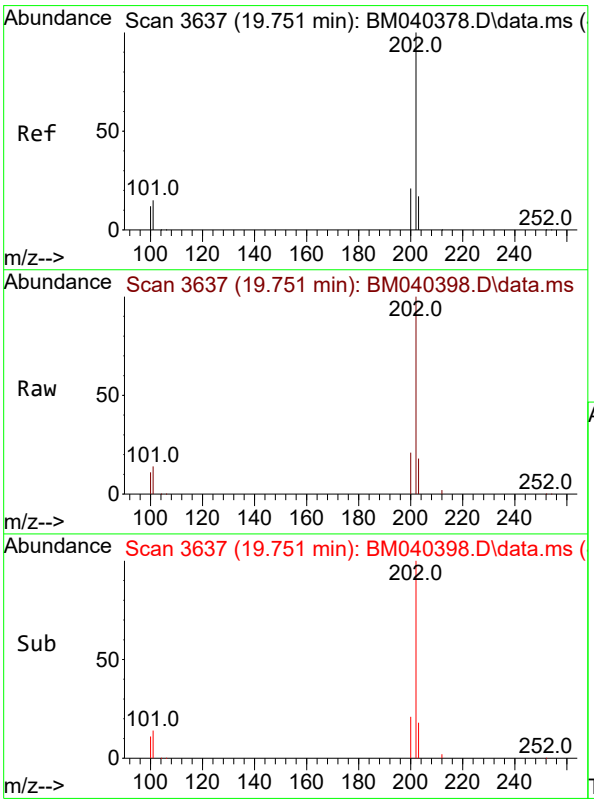
#19
Fluoranthene
Concen: 9.482 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Instrument :
BNA_M
ClientSampleId :
DCFM6

Tgt Ion:202 Resp: 734718

Ion	Ratio	Lower	Upper
202	100		
101	11.6	11.4	17.0
100	8.5	8.7	13.1#

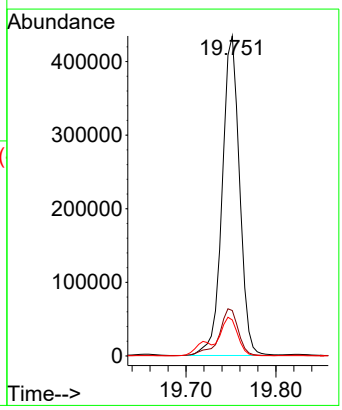


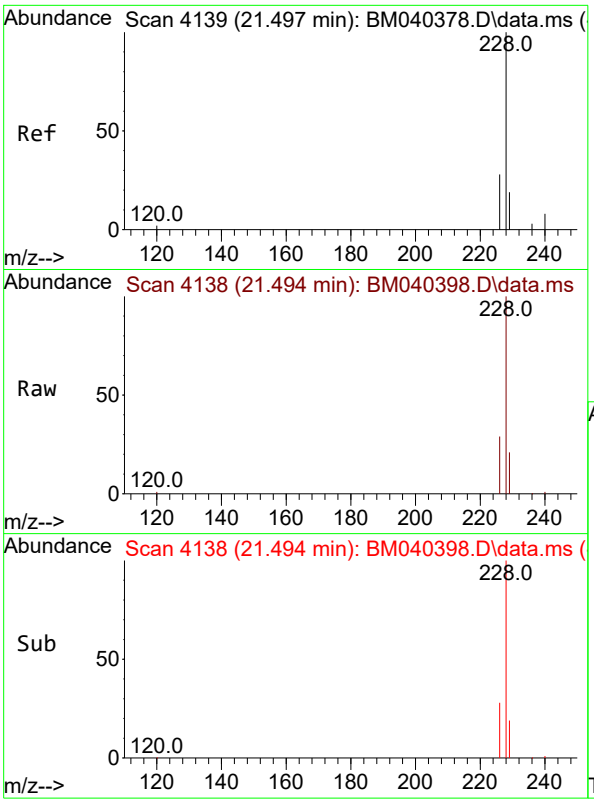


#20
Pyrene
Concen: 6.996 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Tgt Ion:202 Resp: 581185

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.6	18.8
100	11.2	9.8	14.6



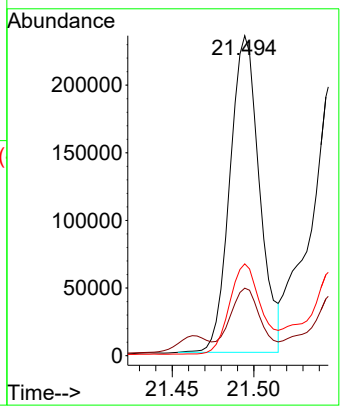


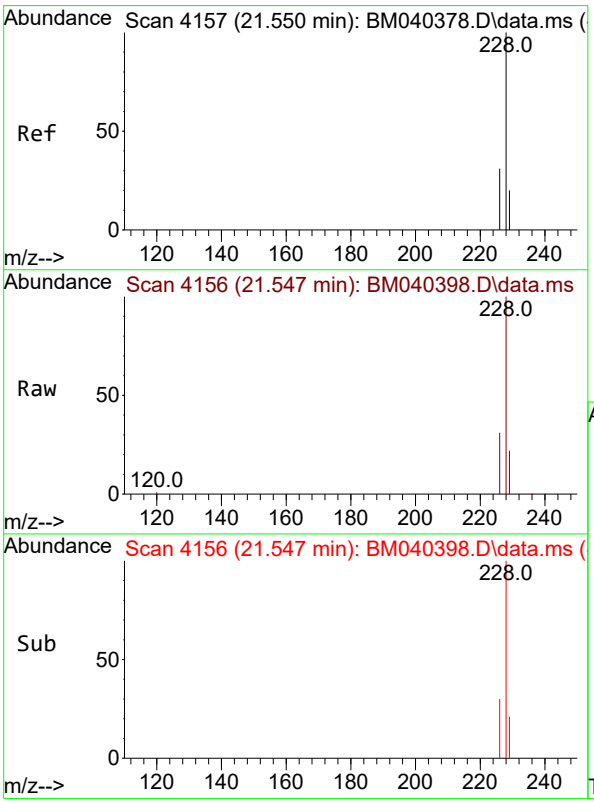
#21
Benzo(a)anthracene
Concen: 4.779 ng/ul
RT: 21.494 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Instrument :
BNA_M
ClientSampleId :
DCFM6

Tgt Ion:228 Resp: 294881

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.0	24.0
226	28.7	22.3	33.5

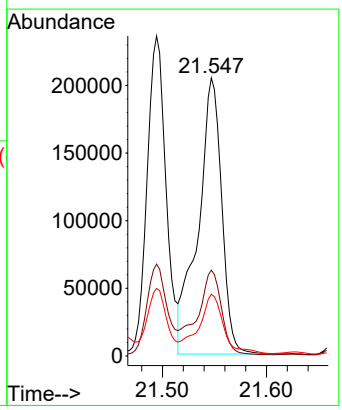


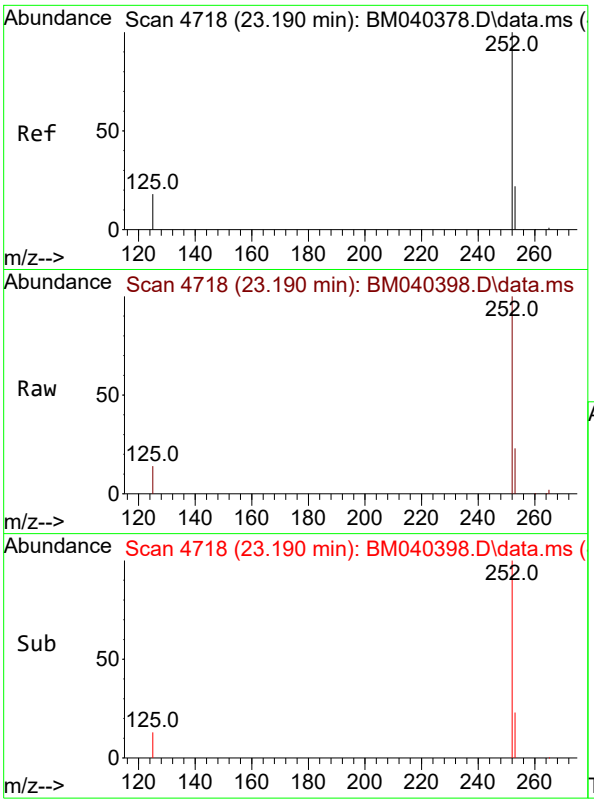


#22
Chrysene
Concen: 4.574 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Tgt Ion:228 Resp: 321913

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.2	15.8	23.6



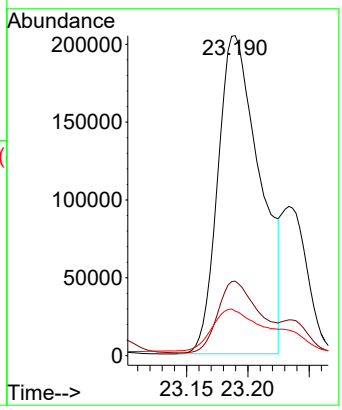


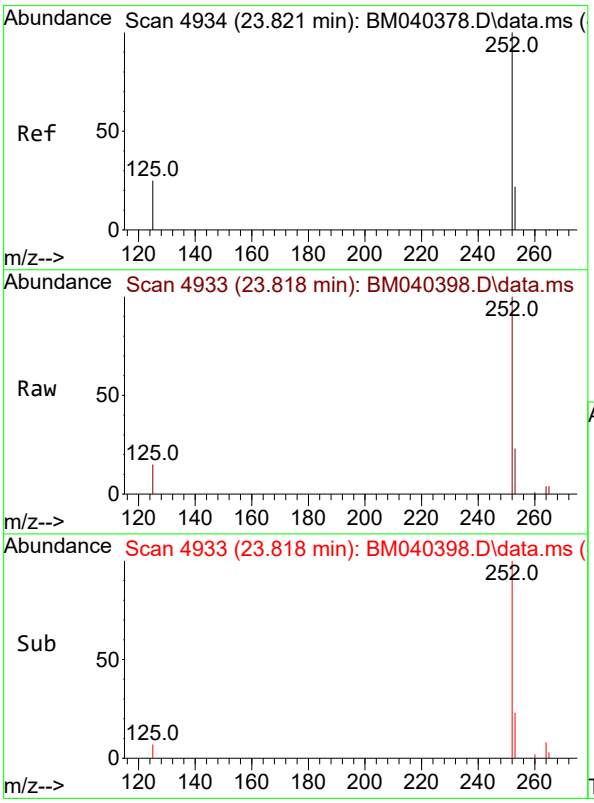
#24
Benzo(b)fluoranthene
Concen: 7.367 ng/ul
RT: 23.190 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Instrument :
BNA_M
ClientSampleId :
DCFM6

Tgt Ion:252 Resp: 486425

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	52.8
125	14.0	0.0	43.0

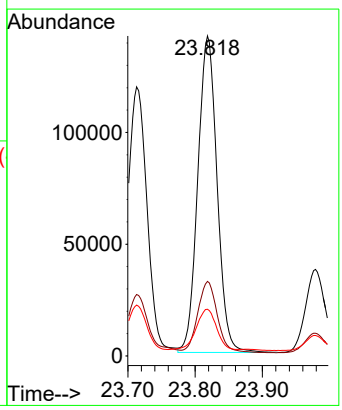


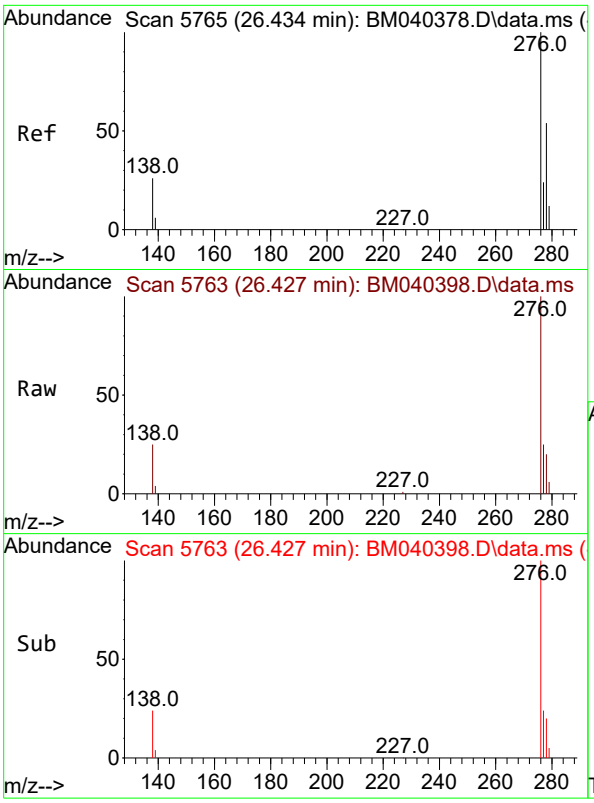


#26
Benzo(a)pyrene
Concen: 4.743 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Tgt Ion:252 Resp: 282076

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



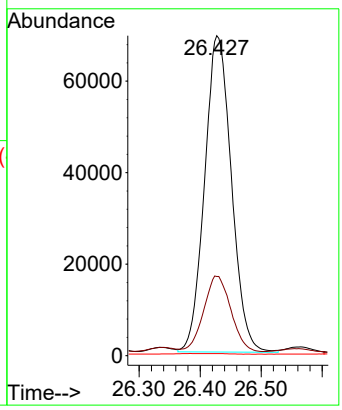


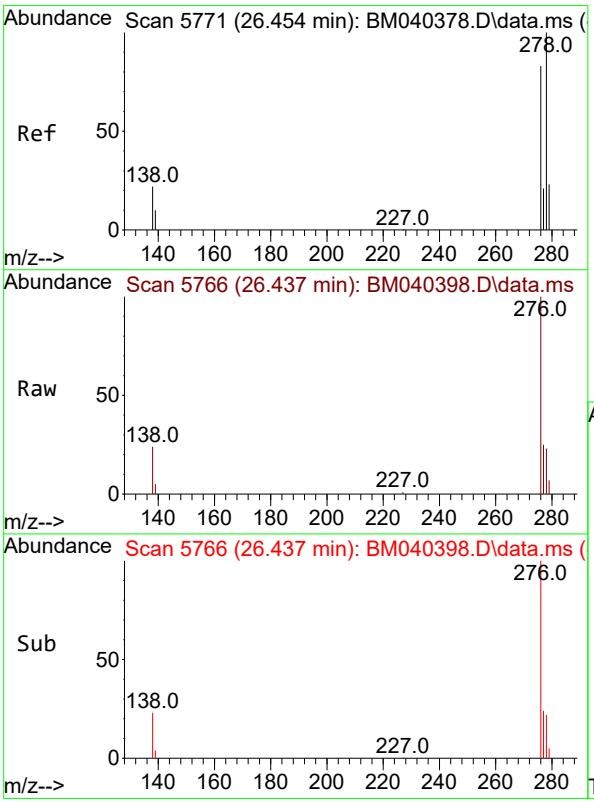
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.552 ng/ul
RT: 26.427 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Instrument :
BNA_M
ClientSampleId :
DCFM6

Tgt Ion:276 Resp: 211424

Ion	Ratio	Lower	Upper
276	100		
138	24.3	24.5	36.7#
227	0.0	0.1	0.1#

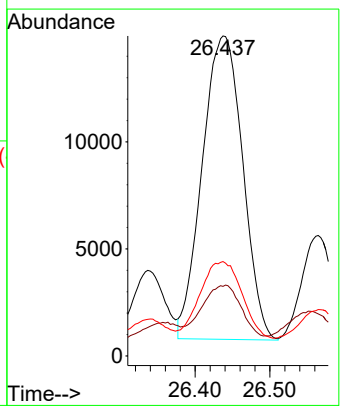


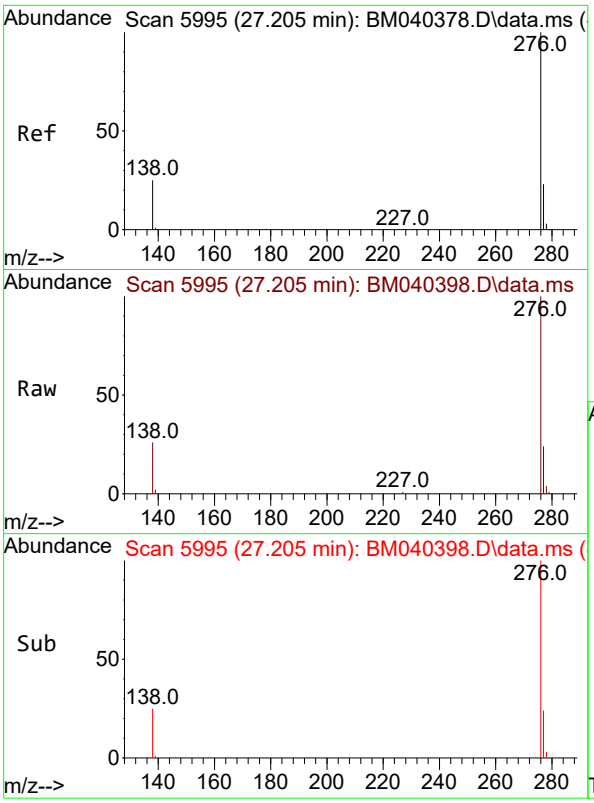


#28
Dibenzo(a,h)anthracene
Concen: 0.823 ng/ul
RT: 26.437 min Scan# 5766
Delta R.T. -0.017 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Tgt Ion:278 Resp: 53398

Ion	Ratio	Lower	Upper
278	100		
139	21.7	17.9	26.9
279	29.5	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 2.771 ng/ul
RT: 27.205 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM040398.D
Acq: 26 Jun 2023 12:56

Instrument :
BNA_M
ClientSampleId :
DCFM6

Tgt Ion:276 Resp: 201151

Ion	Ratio	Lower	Upper
276	100		
138	25.6	23.0	34.6
277	24.3	20.3	30.5