Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040467.D
Acq On : 30 Jun 2023 12:07
Operator : MA/JU
Sample : 03239-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFY6

Quant Time: Jul 01 03:02:53 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 : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	7759	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	28735	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.577	164	14266	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	28581	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	16844	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	17326	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	34532	2.833	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	6907	0.171	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	11315	0.210	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.794	128	9965	0.126	ng/ul#	94
7) 2-Methylnaphthalene	12.406	142	5701	0.122	ng/ul	98
8) 1-Methylnaphthalene	12.626	142	3811	0.082	ng/ul	98
10) Acenaphthylene	14.299	152	14934	0.234	ng/ul	98
11) Acenaphthene	14.642	153	3452	0.064	ng/ul	99
12) Fluorene	15.627	166	3618	0.063	ng/ul#	95
15) Phenanthrene	17.366	178	105292	1.186	ng/ul	99
16) Anthracene	17.459	178	18031	0.242	ng/ul	99
19) Fluoranthene	19.379	202	351527	4.913	ng/ul	97
20) Pyrene	19.747	202	279021	3.637	ng/ul	96
21) Benzo(a)anthracene	21.488	228	154976	2.720	ng/ul	99
22) Chrysene	21.541	228	157774	2.428	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	238291	3.554	ng/ul	92
26) Benzo(a)pyrene	23.809	252	138770	2.298	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.417	276	112963	1.343	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.424	278	28323	0.430	ng/ul	95
29) Benzo(g,h,i)perylene	27.192	276	109898	1.491	ng/ul	96

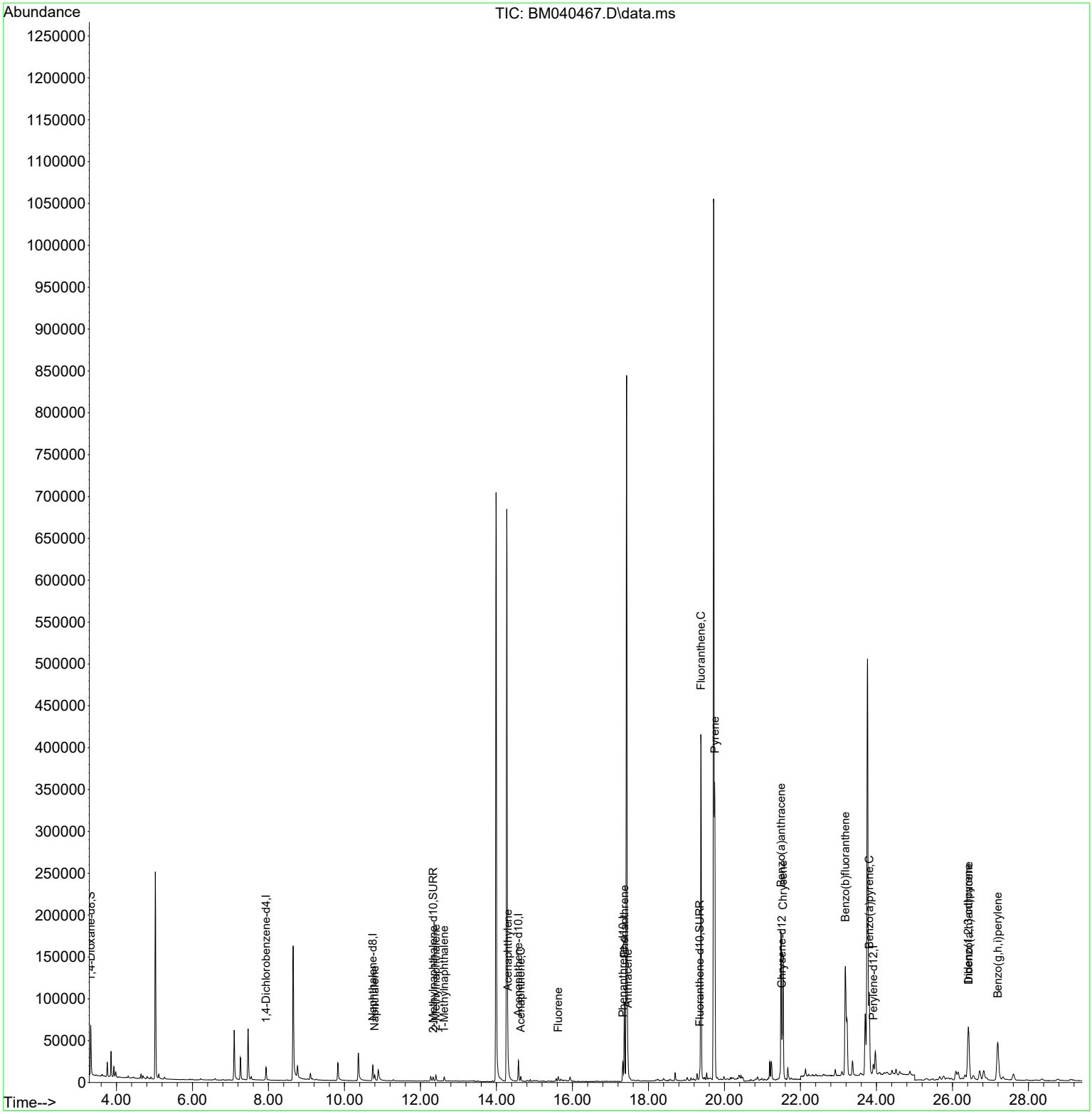
(#) = qualifier out of range (m) = manual integration (+) = signals summed

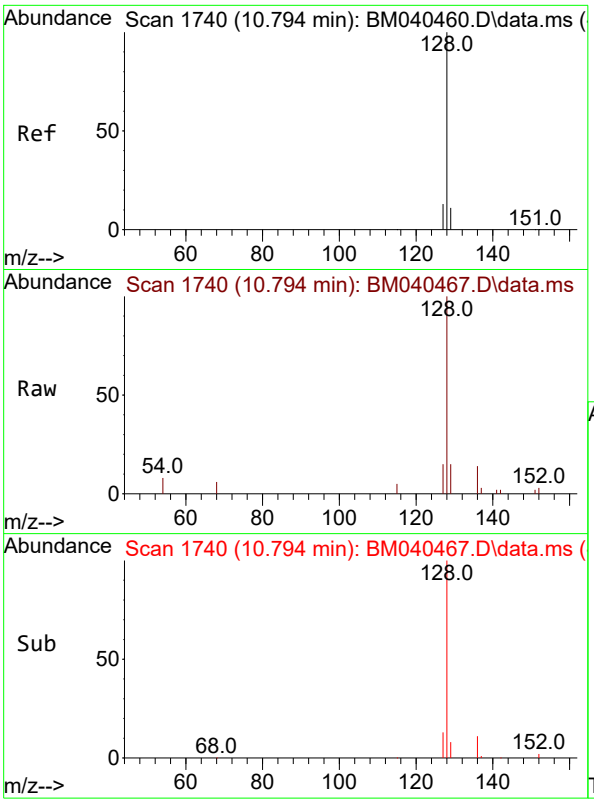
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063023\
Data File : BM040467.D
Acq On : 30 Jun 2023 12:07
Operator : MA/JU
Sample : 03239-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFY6

Quant Time: Jul 01 03:02:53 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 : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration



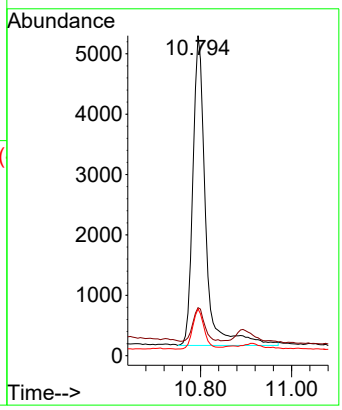


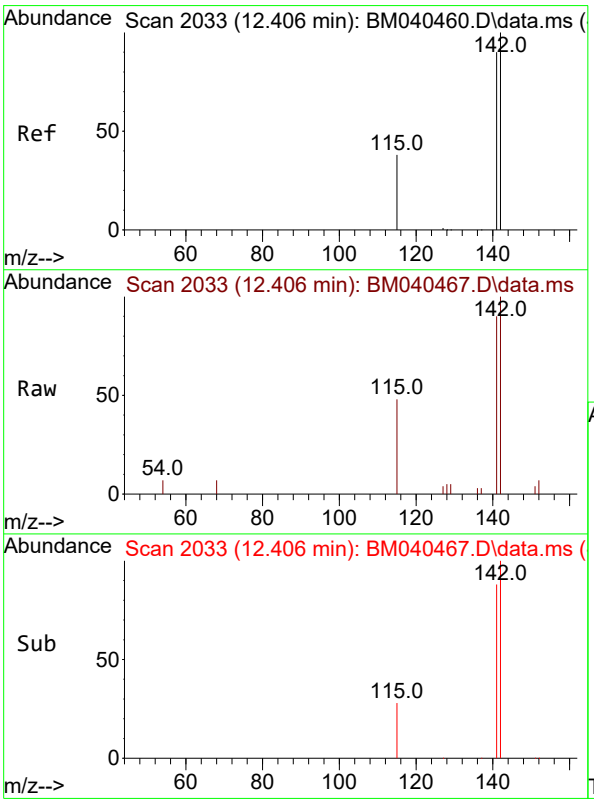
#5
Naphthalene
Concen: 0.126 ng/ul
RT: 10.794 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Instrument :
BNA_M
ClientSampleId :
DCFY6

Tgt Ion:128 Resp: 9965

Ion	Ratio	Lower	Upper
128	100		
129	15.0	9.2	13.8#
127	14.6	10.6	15.8

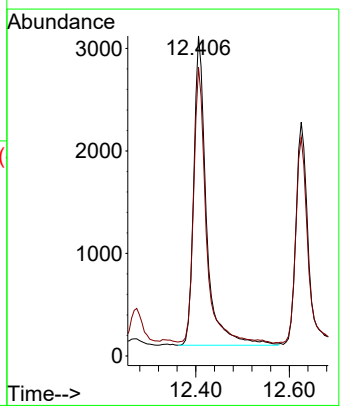


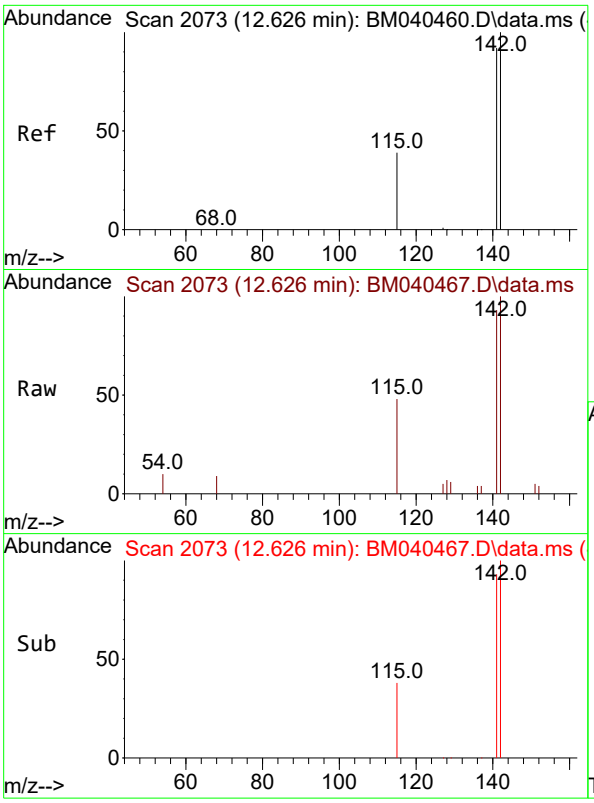


#7
2-Methylnaphthalene
Concen: 0.122 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Tgt Ion:142 Resp: 5701

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.9	107.9



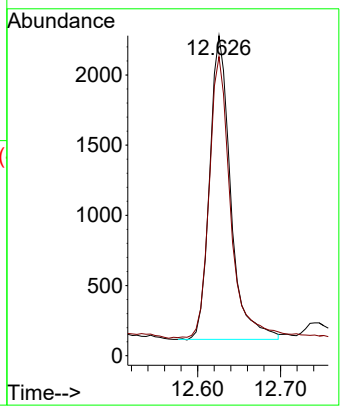


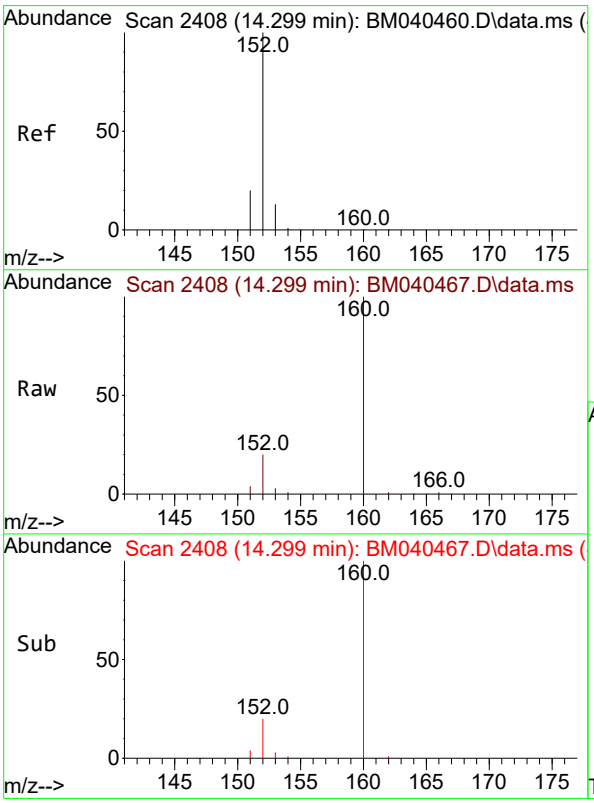
#8
1-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.626 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Instrument :
BNA_M
ClientSampleId :
DCFY6

Tgt Ion:142 Resp: 3811

Ion	Ratio	Lower	Upper
142	100		
141	94.0	73.7	110.5

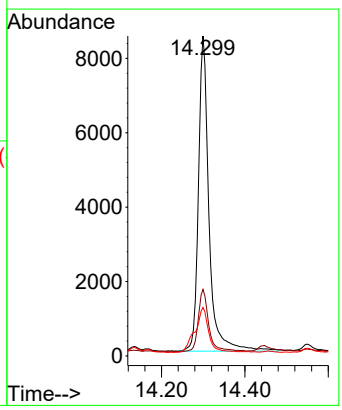


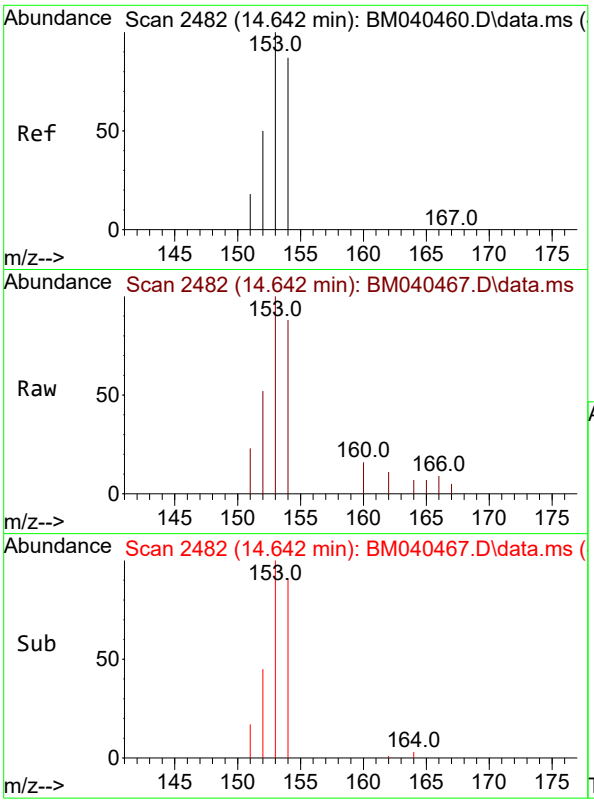


#10
Acenaphthylene
Concen: 0.234 ng/ul
RT: 14.299 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Tgt Ion:152 Resp: 14934

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.2
153	15.1	10.9	16.3



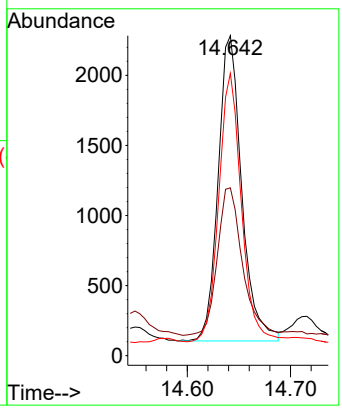


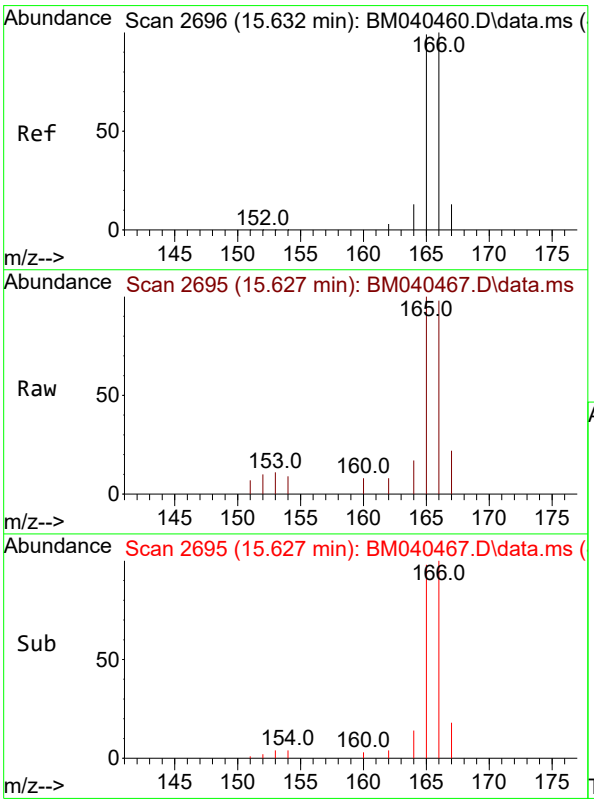
#11
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.642 min Scan# 24
Delta R.T. 0.000 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Instrument :
BNA_M
ClientSampleId :
DCFY6

Tgt Ion:153 Resp: 3452

Ion	Ratio	Lower	Upper
153	100		
152	52.5	41.0	61.4
154	88.3	70.8	106.2

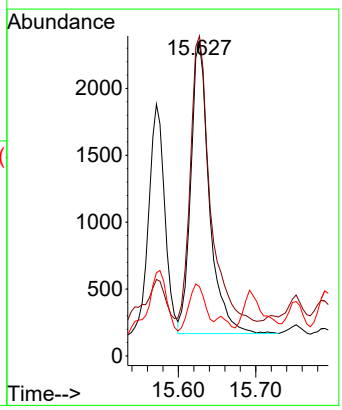


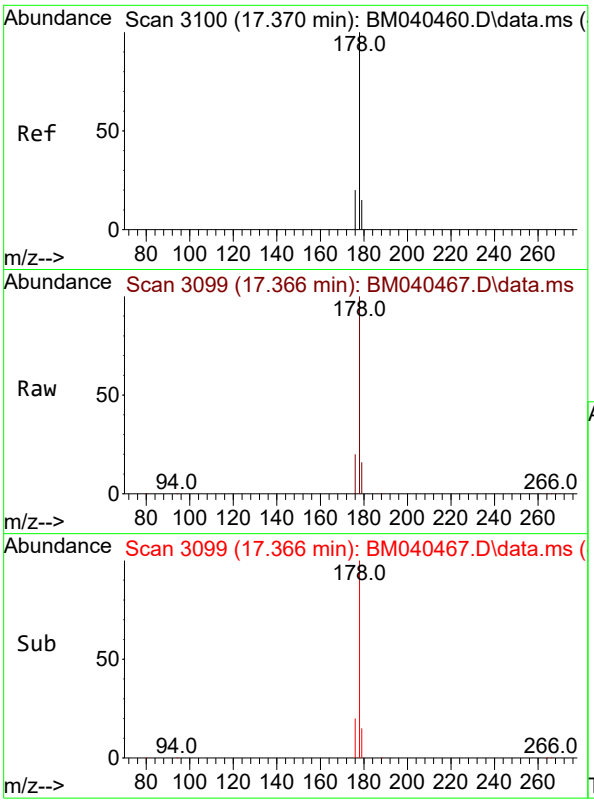


#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.005 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Tgt Ion:166 Resp: 3618

Ion	Ratio	Lower	Upper
166	100		
165	102.2	79.6	119.4
167	22.1	11.4	17.0#



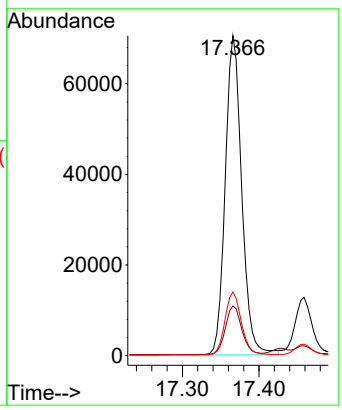


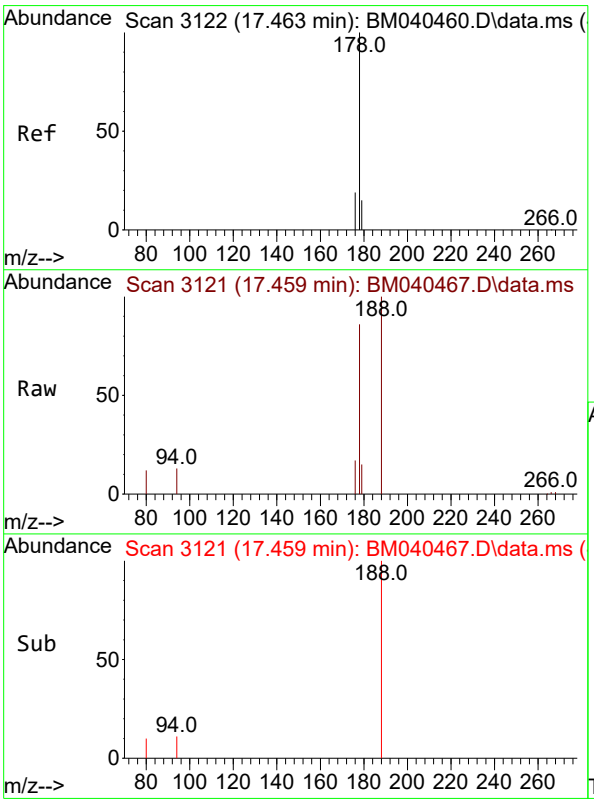
#15
Phenanthrene
Concen: 1.186 ng/ul
RT: 17.366 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Instrument :
BNA_M
ClientSampleId :
DCFY6

Tgt Ion:178 Resp: 105292

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.9	16.4	24.6

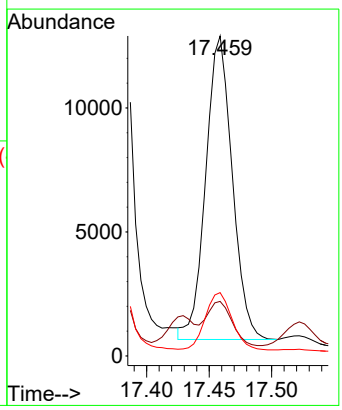


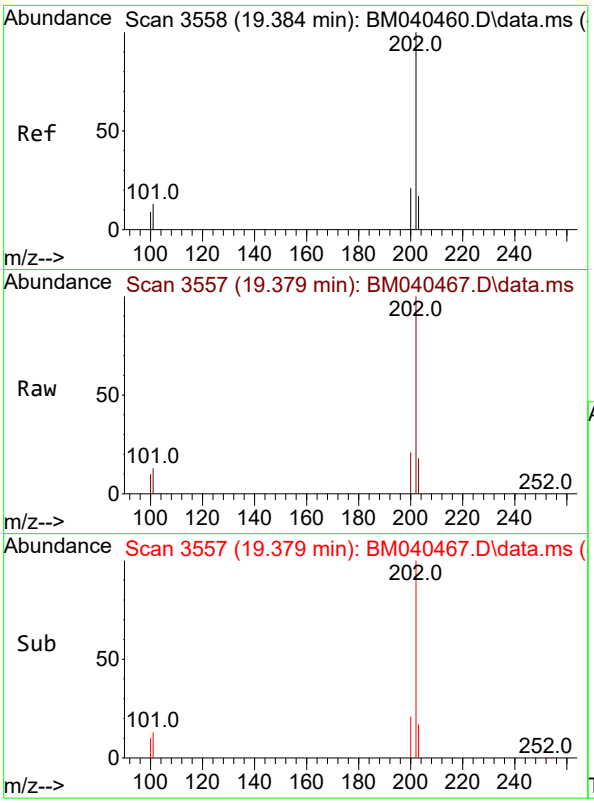


#16
Anthracene
Concen: 0.242 ng/ul
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Tgt Ion:178 Resp: 18031

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.9	19.3
176	19.8	15.8	23.6



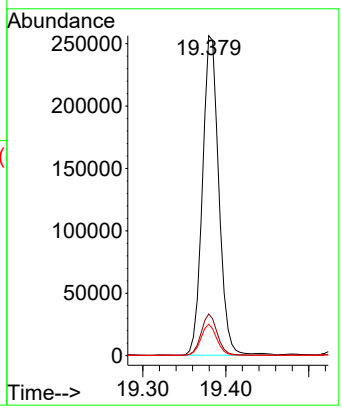


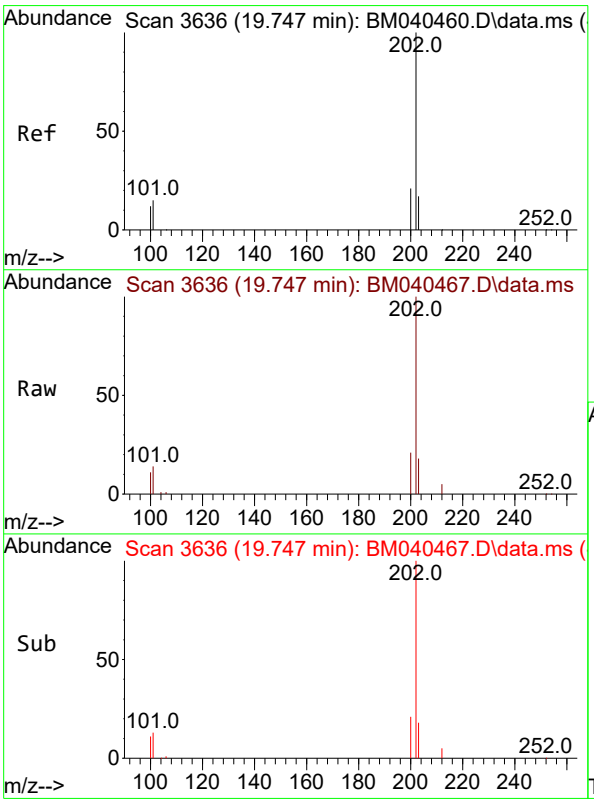
#19
Fluoranthene
Concen: 4.913 ng/ul
RT: 19.379 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Instrument :
BNA_M
ClientSampleId :
DCFY6

Tgt Ion:202 Resp: 351527

Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.4	17.0
100	9.8	8.7	13.1

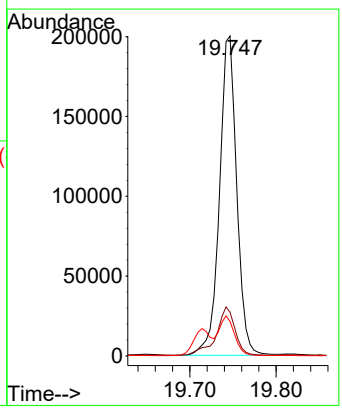


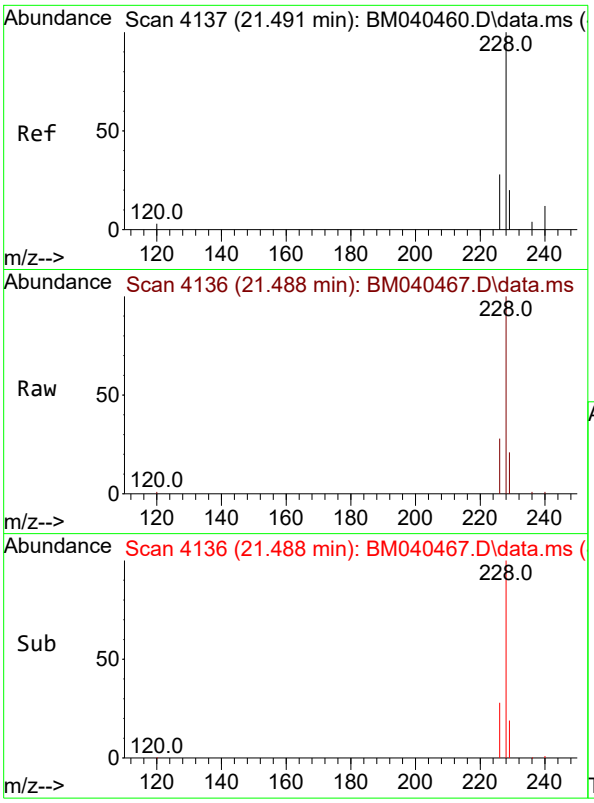


#20
Pyrene
Concen: 3.637 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. 0.000 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Tgt Ion:202 Resp: 279021

Ion	Ratio	Lower	Upper
202	100		
101	13.6	12.6	18.8
100	10.8	9.8	14.6



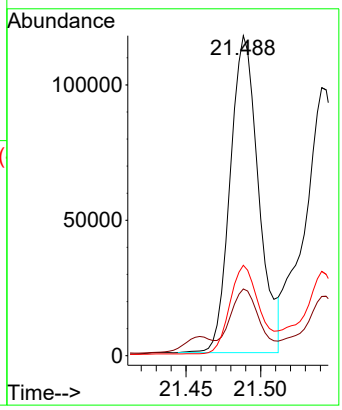


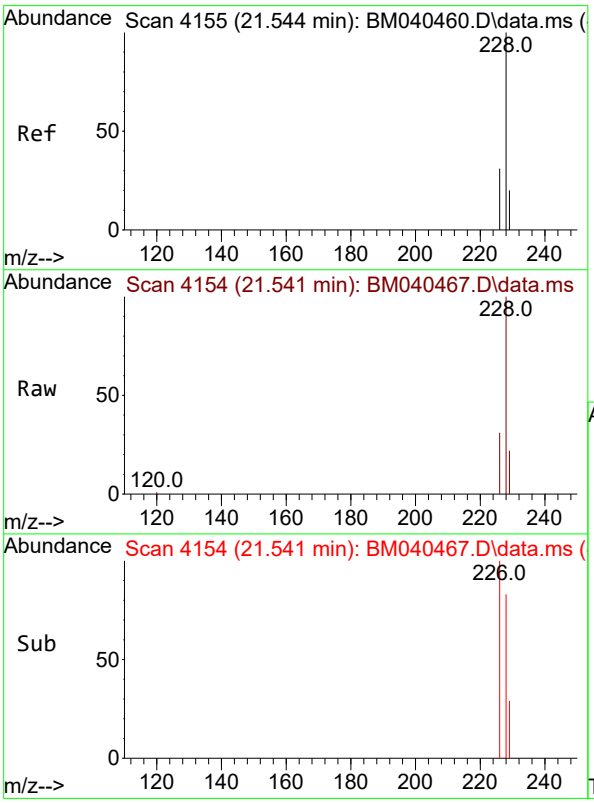
#21
Benzo(a)anthracene
Concen: 2.720 ng/ul
RT: 21.488 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Instrument :
BNA_M
ClientSampleId :
DCFY6

Tgt Ion:228 Resp: 154976

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.0	24.0
226	28.3	22.3	33.5

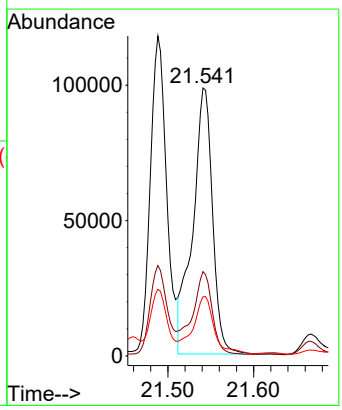


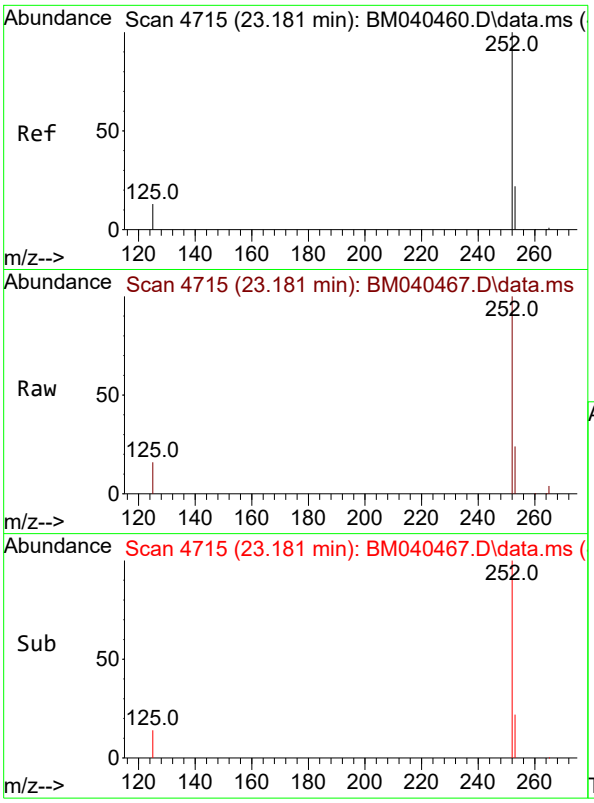


#22
Chrysene
Concen: 2.428 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Tgt Ion:228 Resp: 157774

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	22.1	15.8	23.6



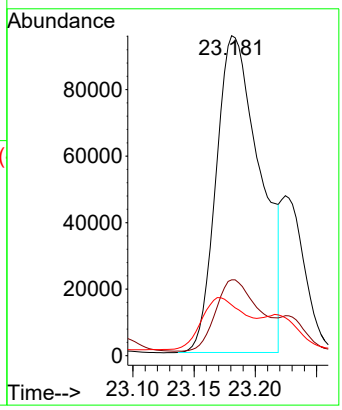


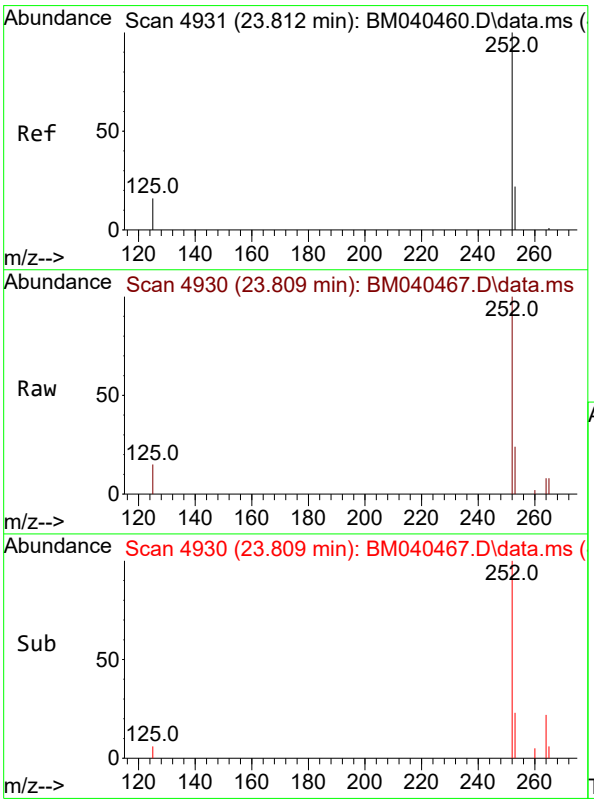
#24
Benzo(b)fluoranthene
Concen: 3.554 ng/ul
RT: 23.181 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Instrument :
BNA_M
ClientSampleId :
DCFY6

Tgt Ion:252 Resp: 238291

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	52.8
125	15.8	0.0	43.0

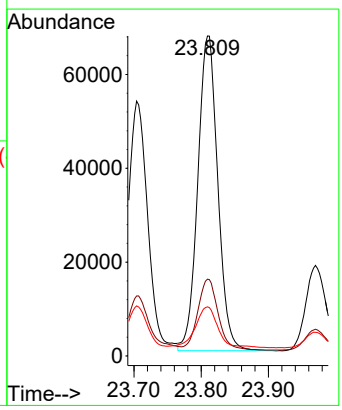


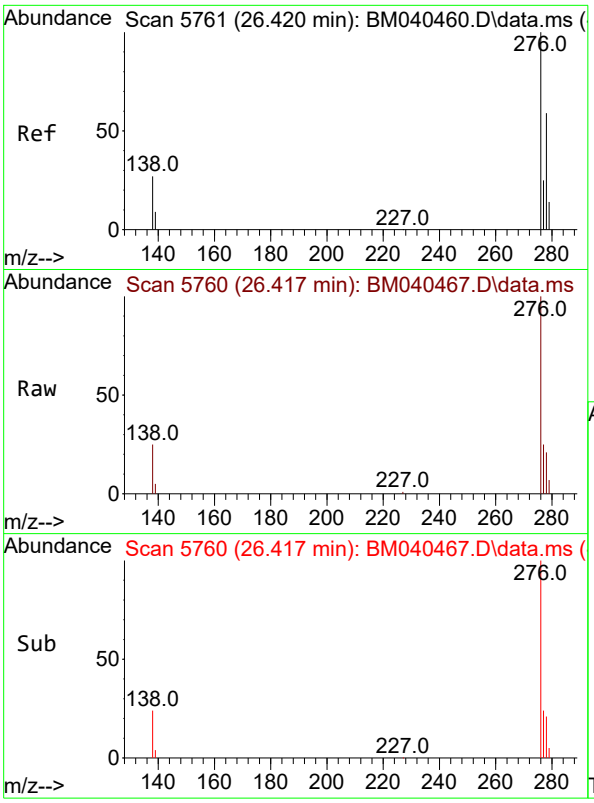


#26
Benzo(a)pyrene
Concen: 2.298 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Tgt Ion:252 Resp: 138770

Ion	Ratio	Lower	Upper
252	100		
253	24.0	22.9	34.3
125	15.4	21.0	31.4#



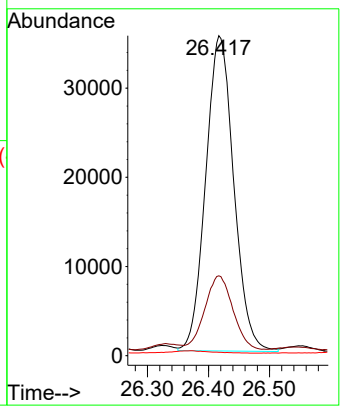


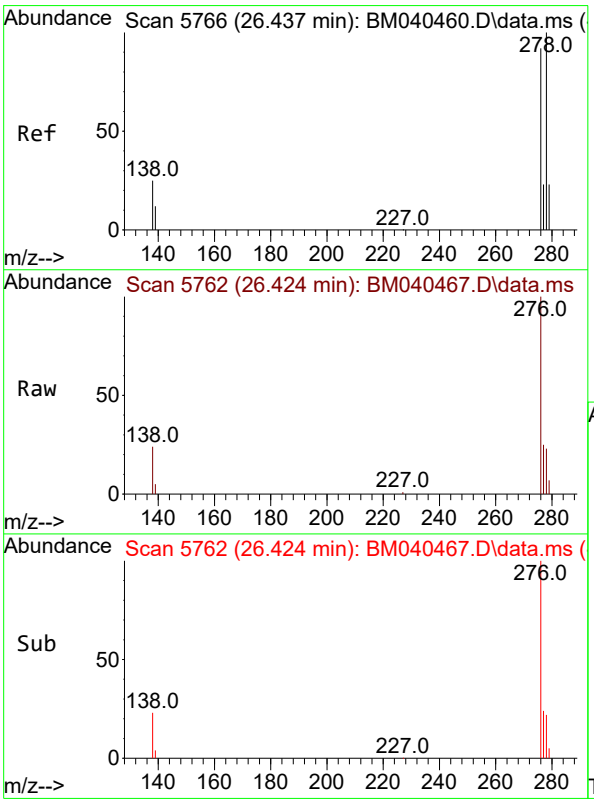
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.343 ng/ul
RT: 26.417 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Instrument :
BNA_M
ClientSampleId :
DCFY6

Tgt Ion:276 Resp: 112963

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

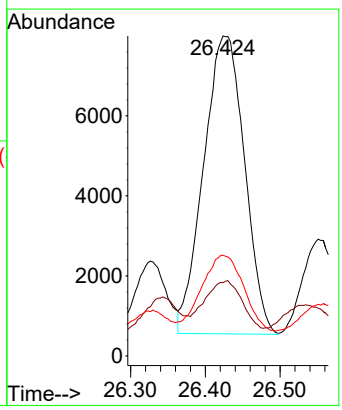


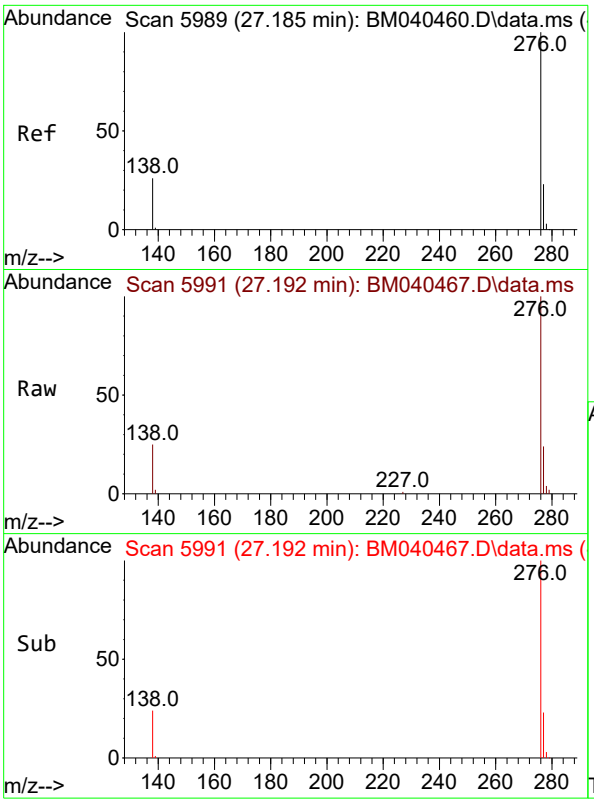


#28
Dibenzo(a,h)anthracene
Concen: 0.430 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. -0.013 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Tgt Ion:278 Resp: 28323

Ion	Ratio	Lower	Upper
278	100		
139	22.9	17.9	26.9
279	31.5	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 1.491 ng/ul
RT: 27.192 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM040467.D
Acq: 30 Jun 2023 12:07

Instrument :
BNA_M
ClientSampleId :
DCFY6

Tgt Ion:276 Resp: 109898

Ion	Ratio	Lower	Upper
276	100		
138	25.3	23.0	34.6
277	24.4	20.3	30.5