Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040386.D
Acq On : 23 Jun 2023 21:38
Operator : MA/JU
Sample : 03084-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Quant Time: Jun 24 01:38:55 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	7841	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	28863	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.586	164	14440	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	30044	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	18029	0.400	ng/ul	0.00
23) Perylene-d12	23.926	264	16216	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	22737	1.846	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	5692	0.141	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	9988	0.173	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.806	128	27676	0.348	ng/ul	99
7) 2-Methylnaphthalene	12.417	142	17333	0.371	ng/ul	98
8) 1-Methylnaphthalene	12.637	142	11564	0.247	ng/ul	99
10) Acenaphthylene	14.309	152	79082	1.226	ng/ul	100
11) Acenaphthene	14.651	153	7245	0.133	ng/ul	99
12) Fluorene	15.637	166	11233	0.193	ng/ul#	99
15) Phenanthrene	17.374	178	251107	2.691	ng/ul	98
16) Anthracene	17.463	178	51743	0.660	ng/ul	100
19) Fluoranthene	19.389	202	712722	9.306	ng/ul	95
20) Pyrene	19.751	202	583598	7.108	ng/ul	97
21) Benzo(a)anthracene	21.494	228	309016	5.067	ng/ul	99
22) Chrysene	21.550	228	308741	4.438	ng/ul	97
24) Benzo(b)fluoranthene	23.190	252	453904	7.233	ng/ul	89
26) Benzo(a)pyrene	23.818	252	260931	4.616	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.427	276	199887	2.539	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.434	278	49462	0.802	ng/ul	97
29) Benzo(g,h,i)perylene	27.202	276	180859	2.621	ng/ul	96

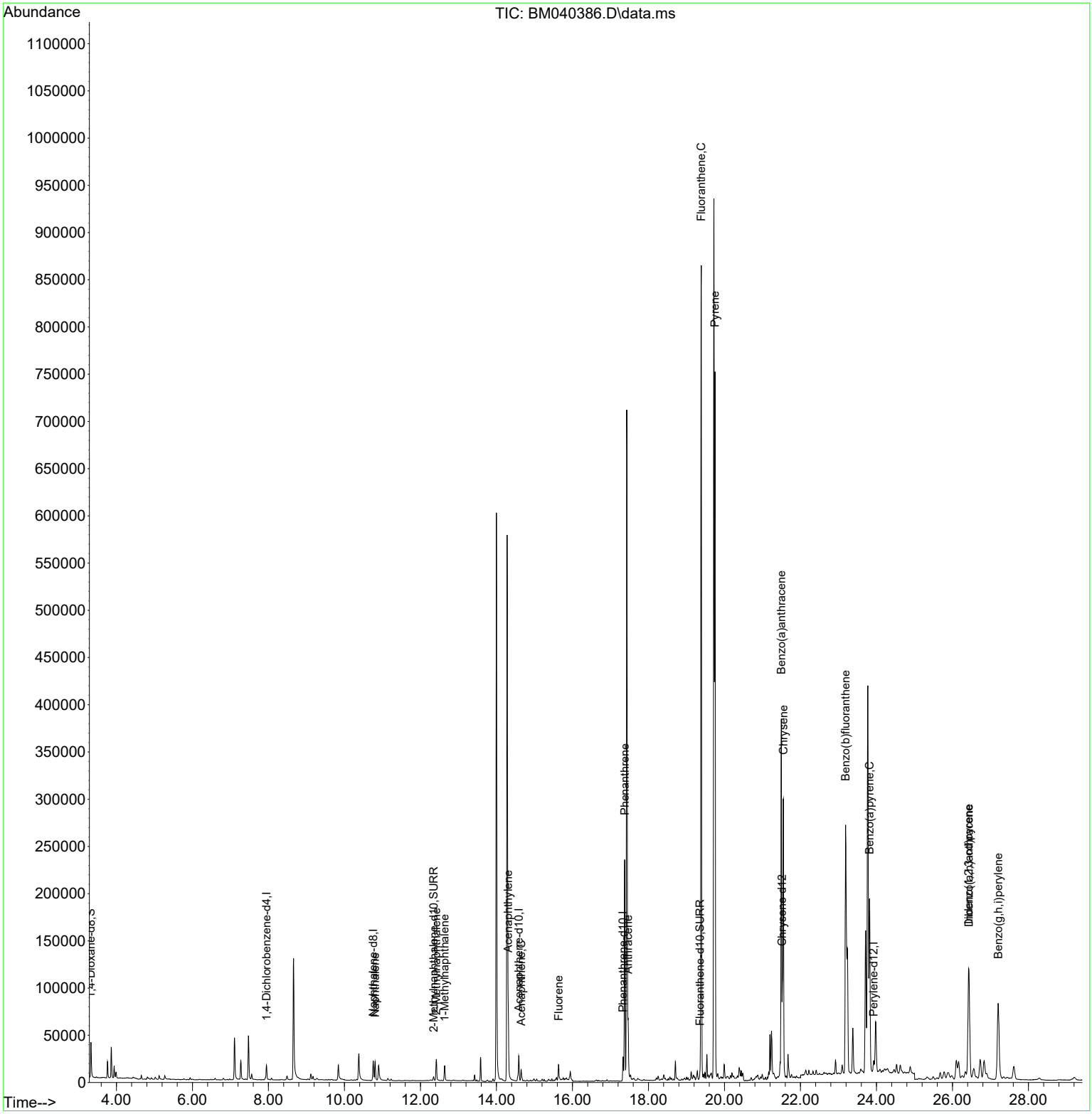
(#) = qualifier out of range (m) = manual integration (+) = signals summed

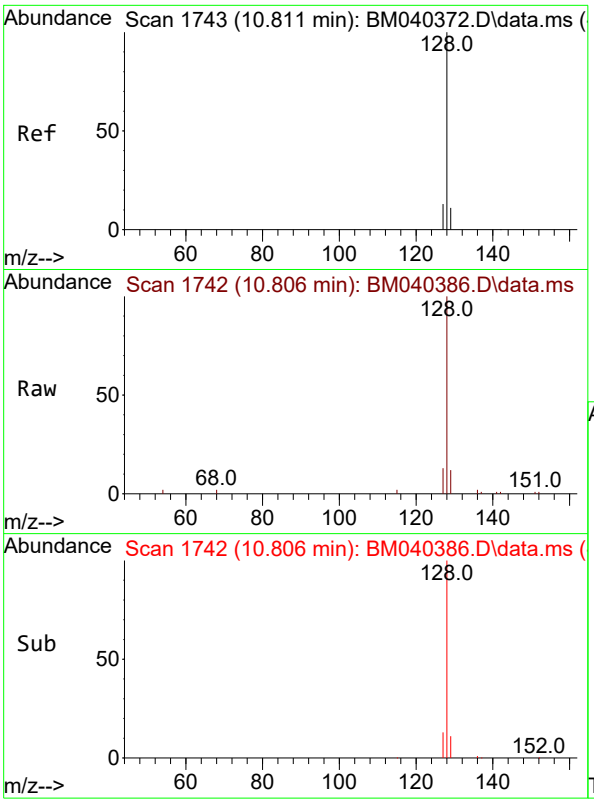
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062323\
Data File : BM040386.D
Acq On : 23 Jun 2023 21:38
Operator : MA/JU
Sample : 03084-20
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Quant Time: Jun 24 01:38:55 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



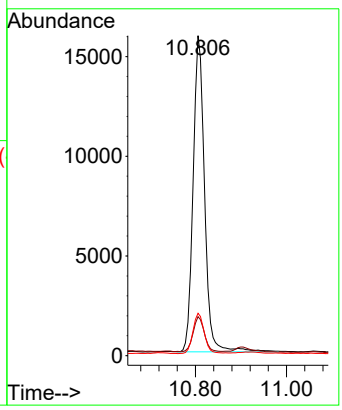


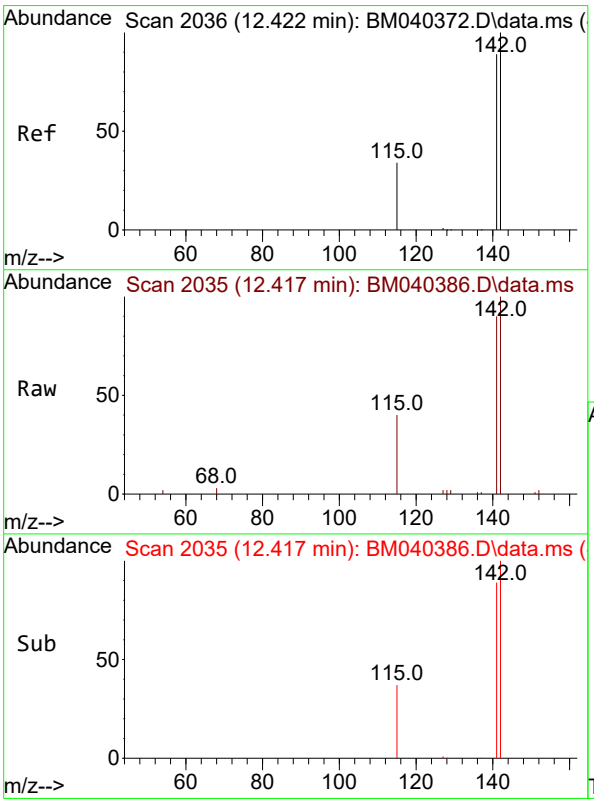
#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.806 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:128 Resp: 27676

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.2	13.8
127	13.3	10.6	15.8

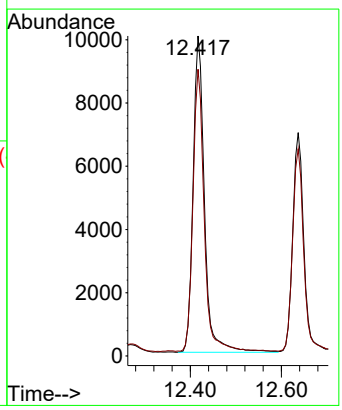


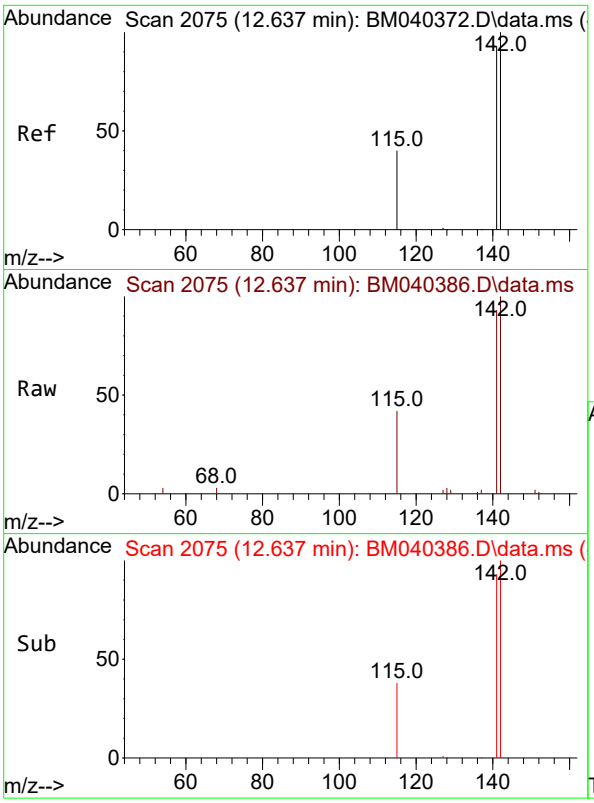


#7
2-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Tgt Ion:142 Resp: 17333

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.9	107.9



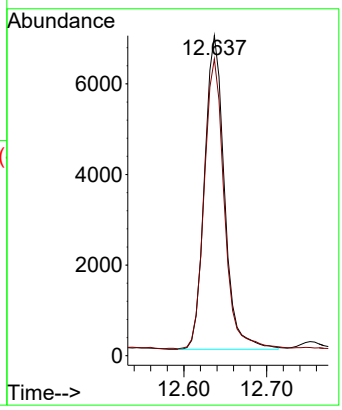


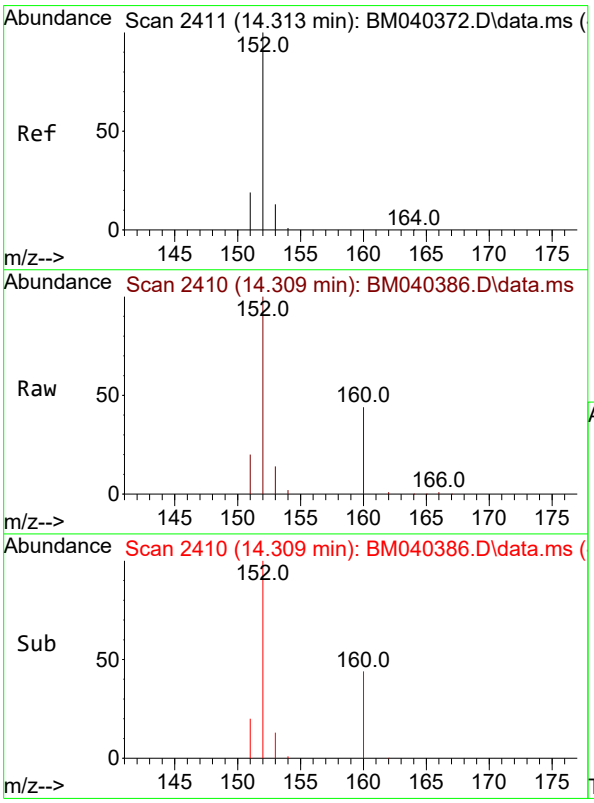
#8
1-Methylnaphthalene
Concen: 0.247 ng/ul
RT: 12.637 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:142 Resp: 11564

Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.7	110.5

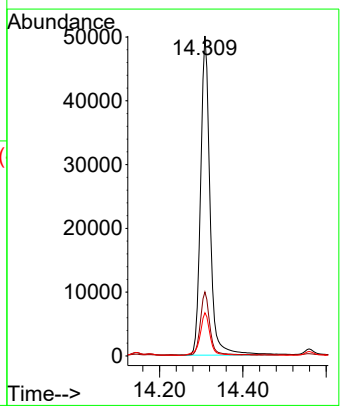


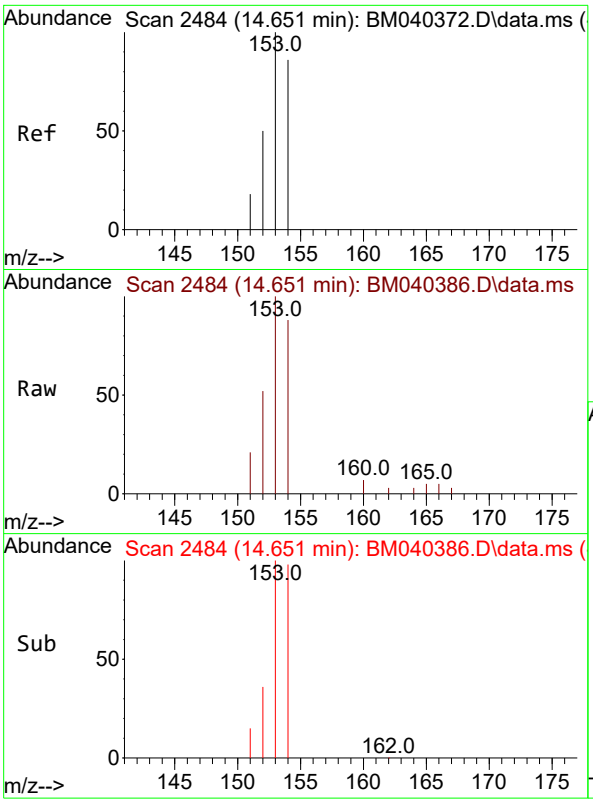


#10
Acenaphthylene
Concen: 1.226 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Tgt Ion:152 Resp: 79082

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.5	10.9	16.3



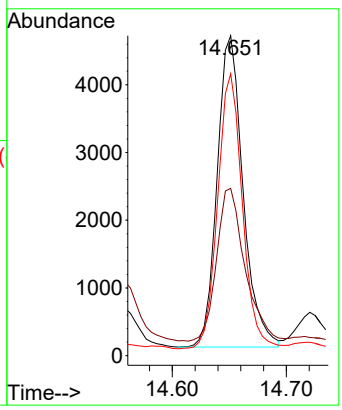


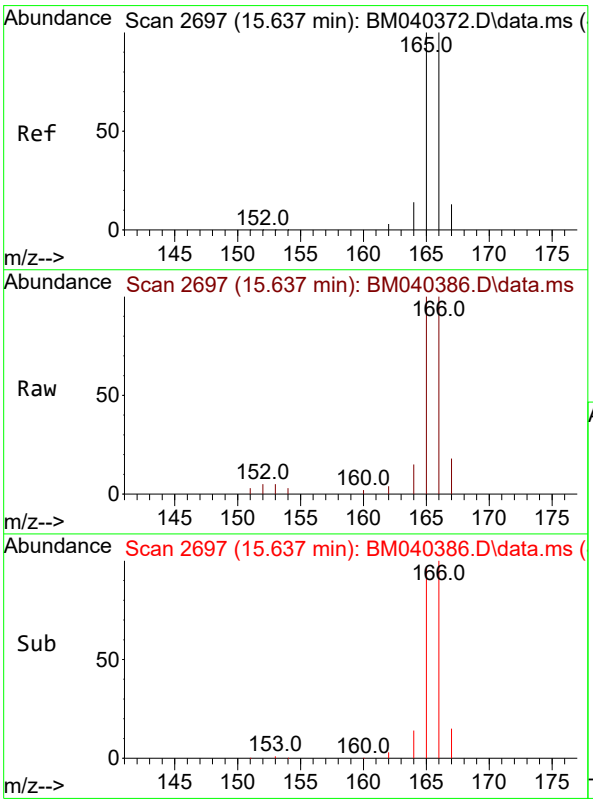
#11
Acenaphthene
Concen: 0.133 ng/ul
RT: 14.651 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:153 Resp: 7245

Ion	Ratio	Lower	Upper
153	100		
152	52.3	41.0	61.4
154	88.1	70.8	106.2

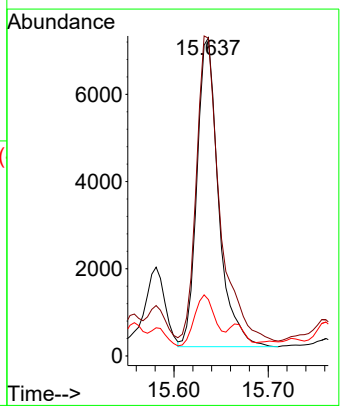


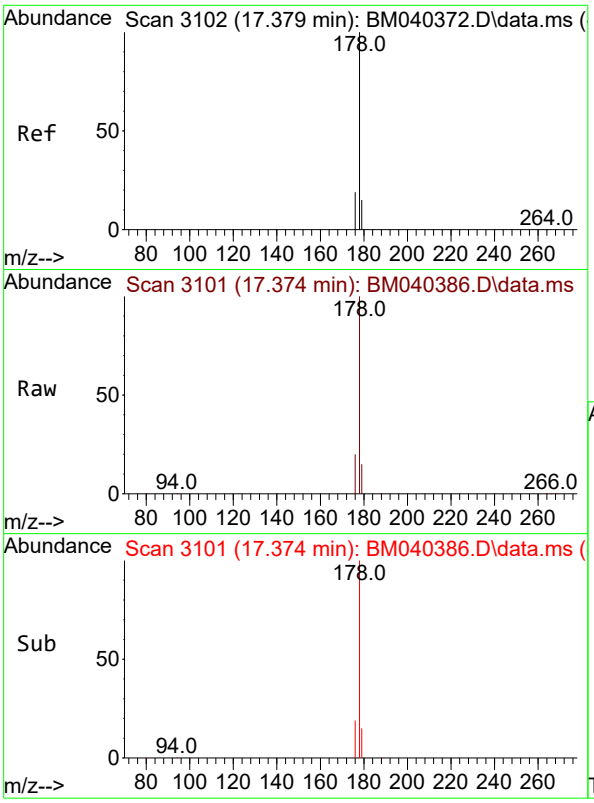


#12
Fluorene
Concen: 0.193 ng/ul
RT: 15.637 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Tgt Ion:166 Resp: 11233

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.6	119.4
167	17.7	11.4	17.0#



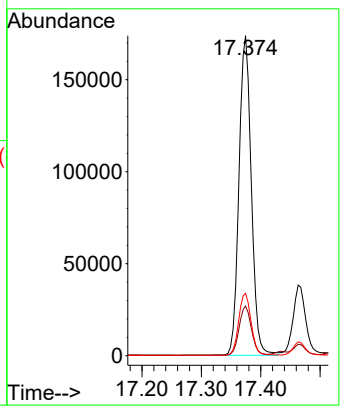


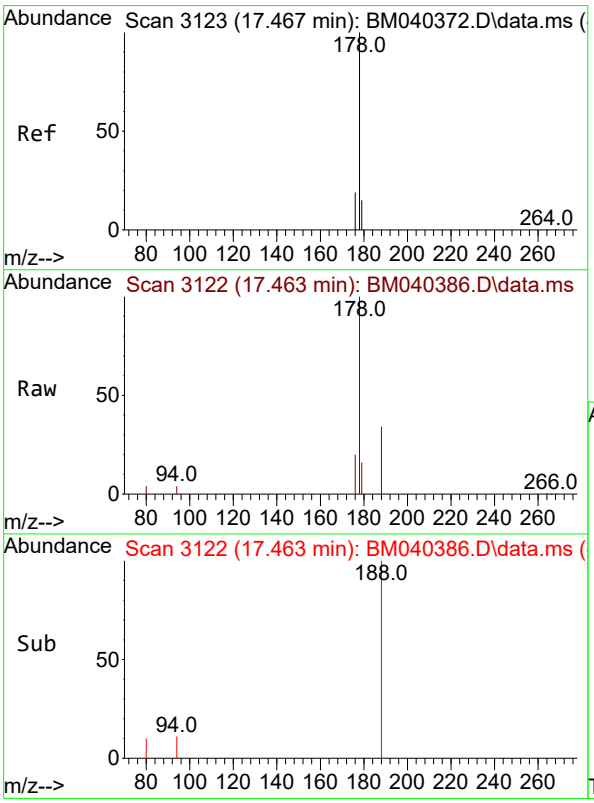
#15
Phenanthrene
Concen: 2.691 ng/ul
RT: 17.374 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:178 Resp: 251107

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	19.5	16.4	24.6

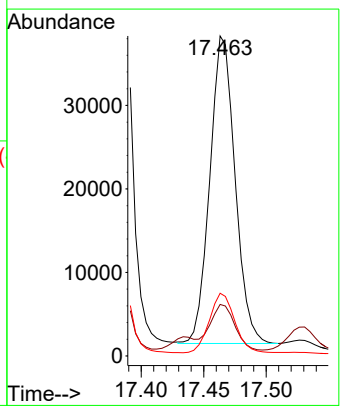


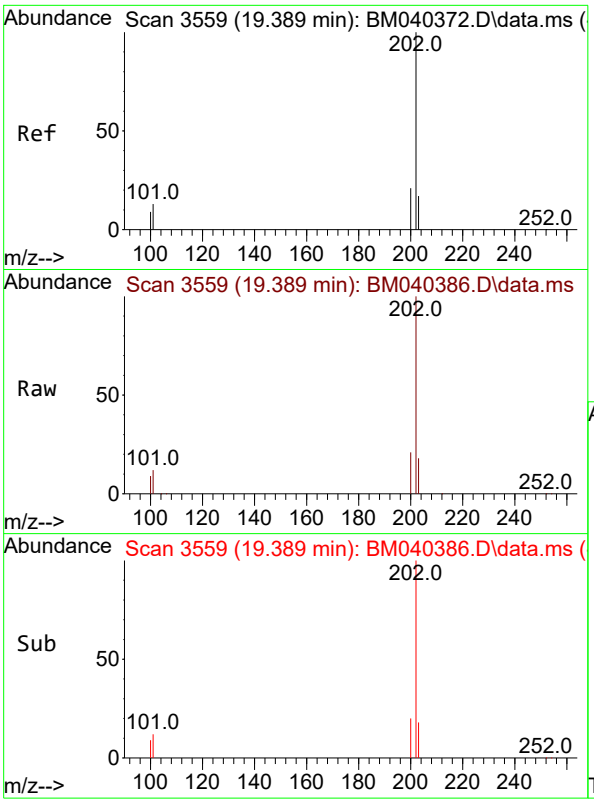


#16
Anthracene
Concen: 0.660 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Tgt Ion:178 Resp: 51743

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	19.6	15.8	23.6



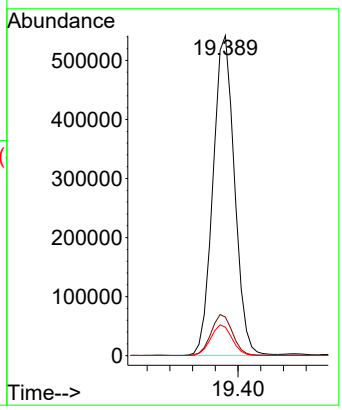


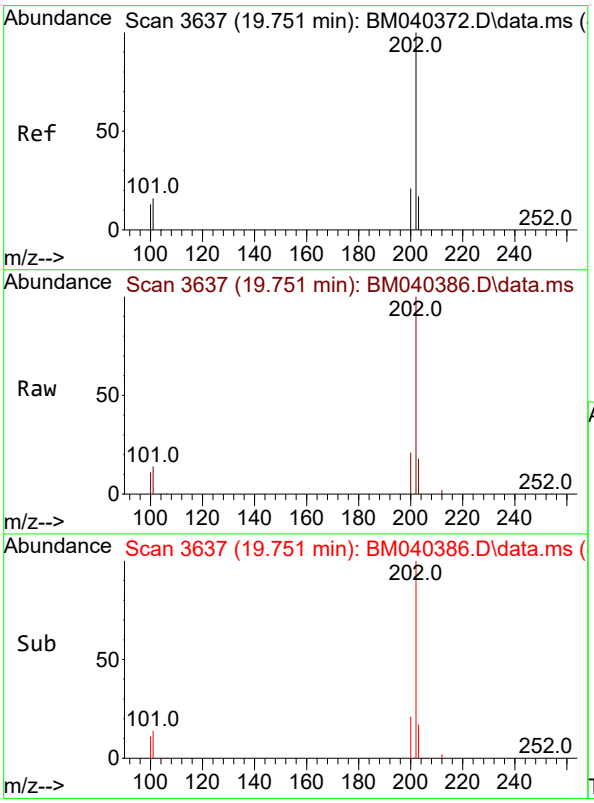
#19
Fluoranthene
Concen: 9.306 ng/ul
RT: 19.389 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:202 Resp: 712722

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.4	17.0
100	8.9	8.7	13.1

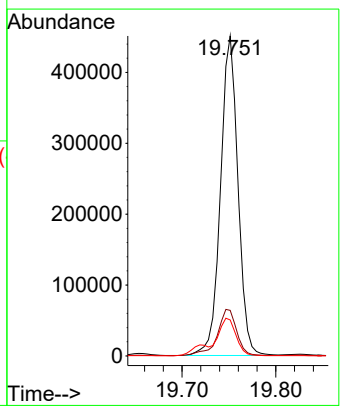


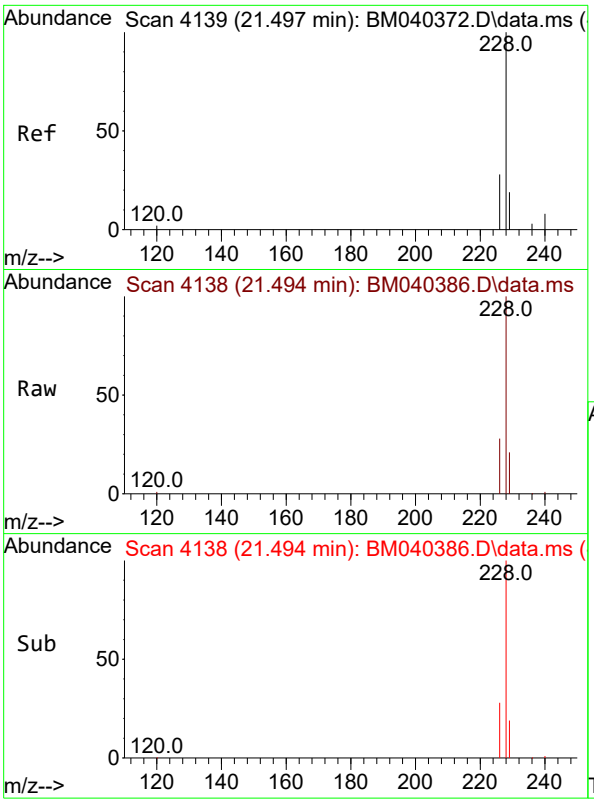


#20
Pyrene
Concen: 7.108 ng/ul
RT: 19.751 min Scan# 3637
Delta R.T. -0.005 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Tgt Ion:202 Resp: 583598

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.6	18.8
100	11.2	9.8	14.6





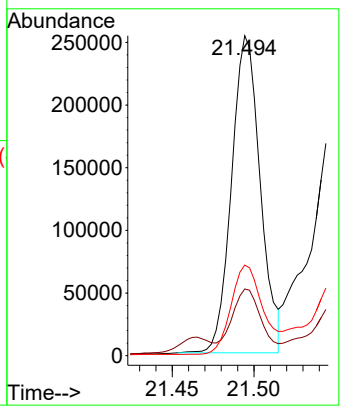
#21
Benzo(a)anthracene
Concen: 5.067 ng/ul
RT: 21.494 min Scan# 4

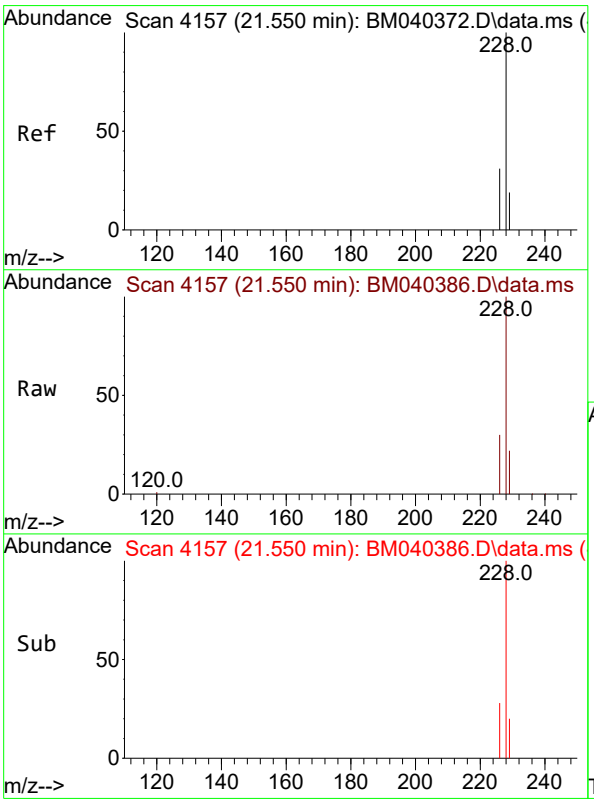
Instrument :
BNA_M
ClientSampleId :
DCFQ7

Delta R.T. -0.006 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Tgt Ion:228 Resp: 309016

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.0	24.0
226	28.3	22.3	33.5

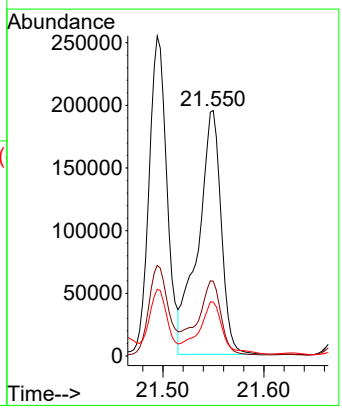


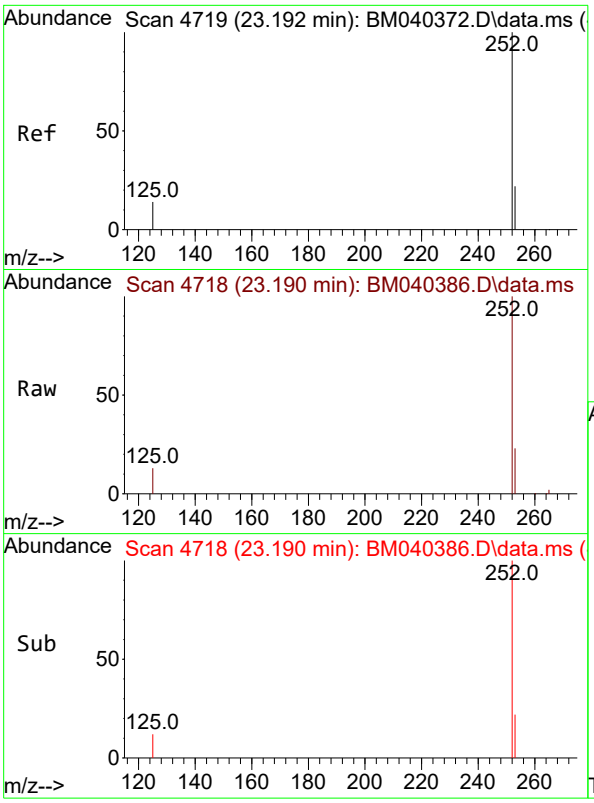


#22
Chrysene
Concen: 4.438 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Tgt Ion:228 Resp: 308741

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	21.9	15.8	23.6



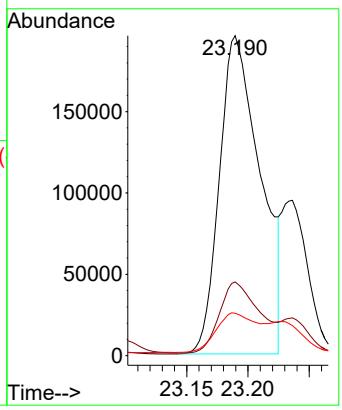


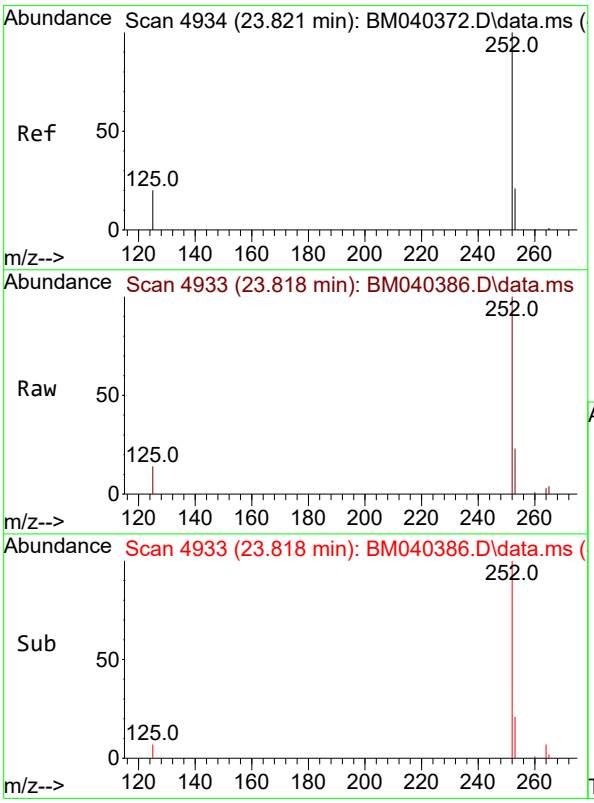
#24
Benzo(b)fluoranthene
Concen: 7.233 ng/ul
RT: 23.190 min Scan# 4
Delta R.T. -0.003 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:252 Resp: 453904

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	52.8
125	13.2	0.0	43.0

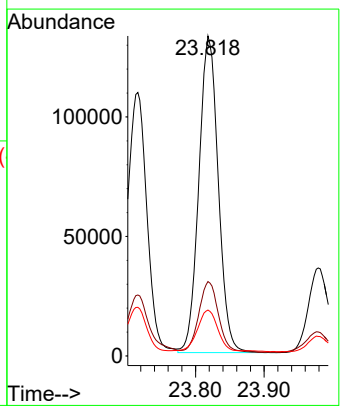


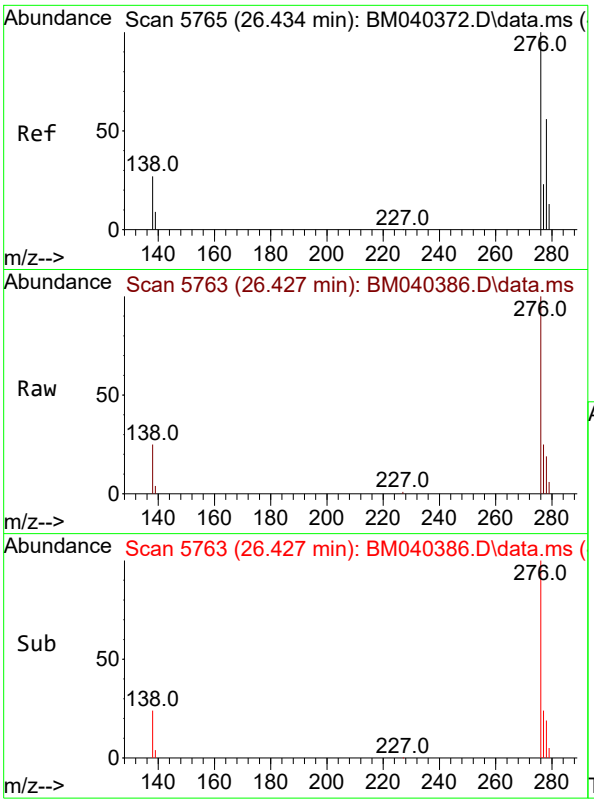


#26
Benzo(a)pyrene
Concen: 4.616 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Tgt Ion:252 Resp: 260931

Ion	Ratio	Lower	Upper
252	100		
253	23.3	22.9	34.3
125	14.4	21.0	31.4#



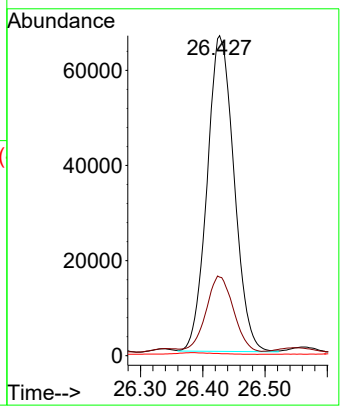


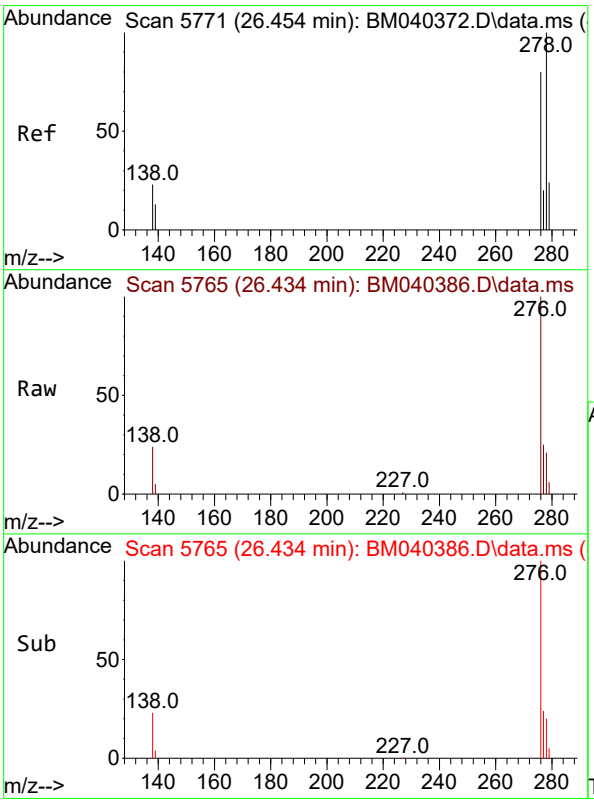
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.539 ng/ul
RT: 26.427 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:276 Resp: 199887

Ion	Ratio	Lower	Upper
276	100		
138	24.6	24.5	36.7
227	0.0	0.1	0.1#

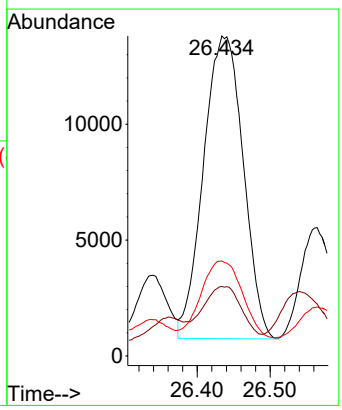


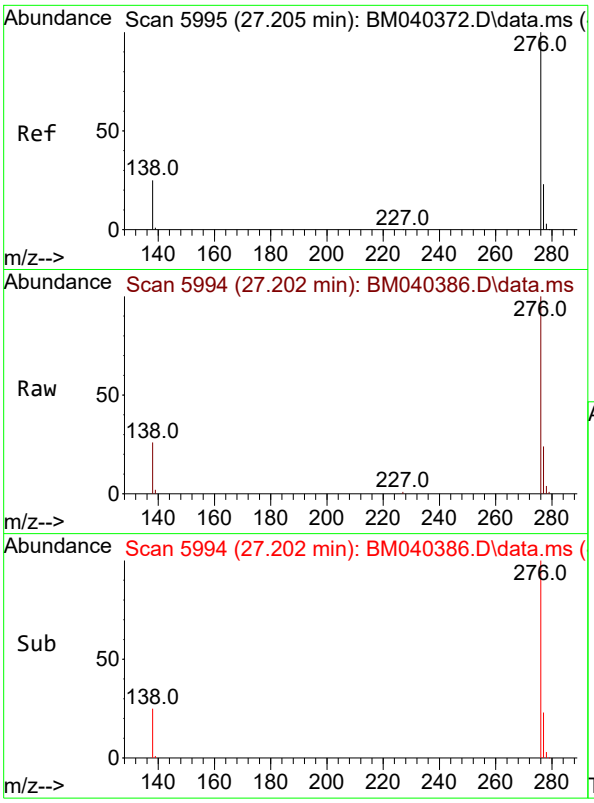


#28
Dibenzo(a,h)anthracene
Concen: 0.802 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. -0.020 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Tgt Ion:278 Resp: 49462

Ion	Ratio	Lower	Upper
278	100		
139	21.7	17.9	26.9
279	29.7	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 2.621 ng/ul
RT: 27.202 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040386.D
Acq: 23 Jun 2023 21:38

Instrument :
BNA_M
ClientSampleId :
DCFQ7

Tgt Ion:276 Resp: 180859

Ion	Ratio	Lower	Upper
276	100		
138	25.7	23.0	34.6
277	24.2	20.3	30.5