Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040450.D
Acq On : 29 Jun 2023 22:57
Operator : MA/JU
Sample : 03161-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFW0

Quant Time: Jun 30 03:07:57 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	7.940	152	6047	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	21867	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.582	164	10296	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.328	188	20612	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	12723	0.400	ng/ul	0.00
23) Perylene-d12	23.920	264	12044	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	17485	1.841	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.340	152	4056	0.132	ng/ul	-0.01
18) Fluoranthene-d10	19.352	212	6194	0.152	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.800	128	2858	0.047	ng/ul#	83
7) 2-Methylnaphthalene	12.411	142	1246	0.035	ng/ul	97
8) 1-Methylnaphthalene	12.631	142	880	0.025	ng/ul	98
10) Acenaphthylene	14.304	152	3383	0.074	ng/ul#	89
11) Acenaphthene	14.647	153	1085	0.028	ng/ul	95
12) Fluorene	15.632	166	1115	0.027	ng/ul#	92
15) Phenanthrene	17.370	178	27961	0.437	ng/ul	99
16) Anthracene	17.463	178	5981	0.111	ng/ul#	93
19) Fluoranthene	19.384	202	96257	1.781	ng/ul	97
20) Pyrene	19.747	202	74824	1.291	ng/ul	98
21) Benzo(a)anthracene	21.489	228	43528	1.011	ng/ul	98
22) Chrysene	21.544	228	47317	0.964	ng/ul	98
24) Benzo(b)fluoranthene	23.184	252	66627	1.429	ng/ul	97
26) Benzo(a)pyrene	23.809	252	38954	0.928	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.424	276	34702	0.593	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.434	278	8559	0.187	ng/ul#	79
29) Benzo(g,h,i)perylene	27.198	276	30576	0.597	ng/ul	99

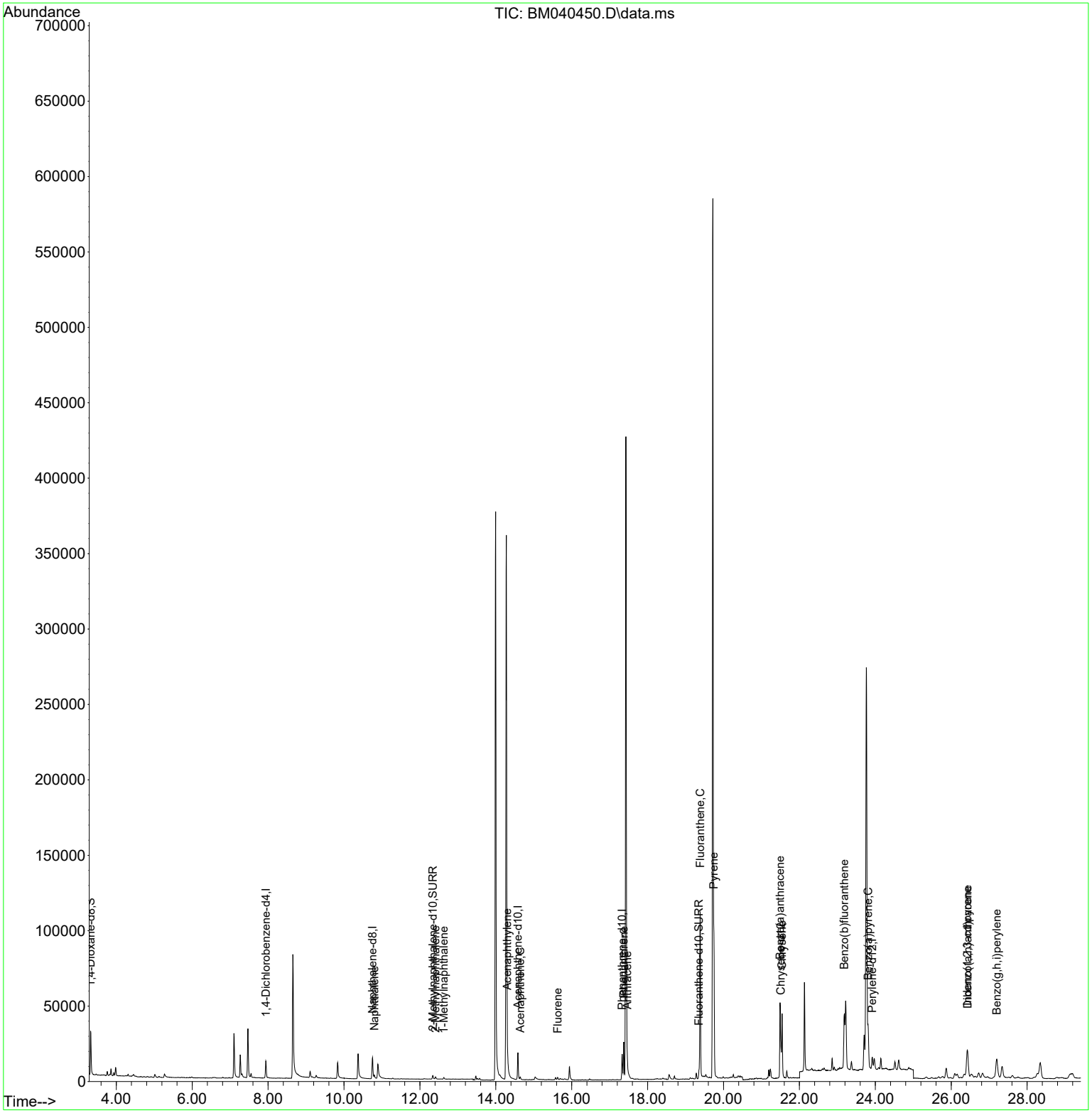
(#) = qualifier out of range (m) = manual integration (+) = signals summed

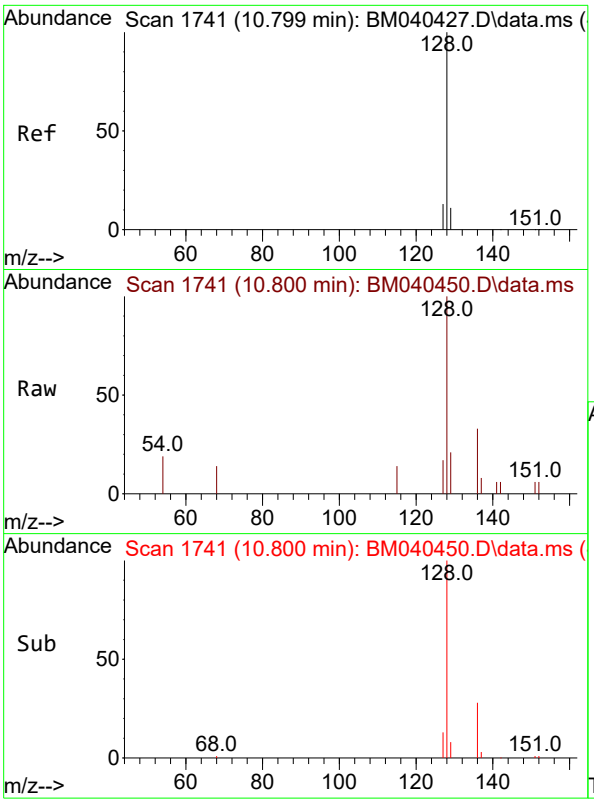
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
Data File : BM040450.D
Acq On : 29 Jun 2023 22:57
Operator : MA/JU
Sample : 03161-04
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFW0

Quant Time: Jun 30 03:07:57 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



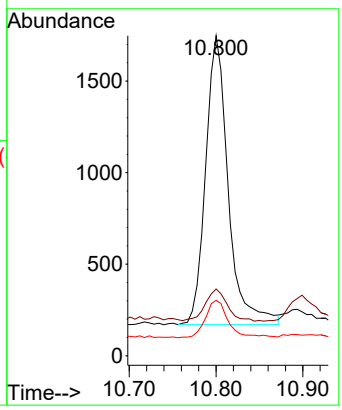


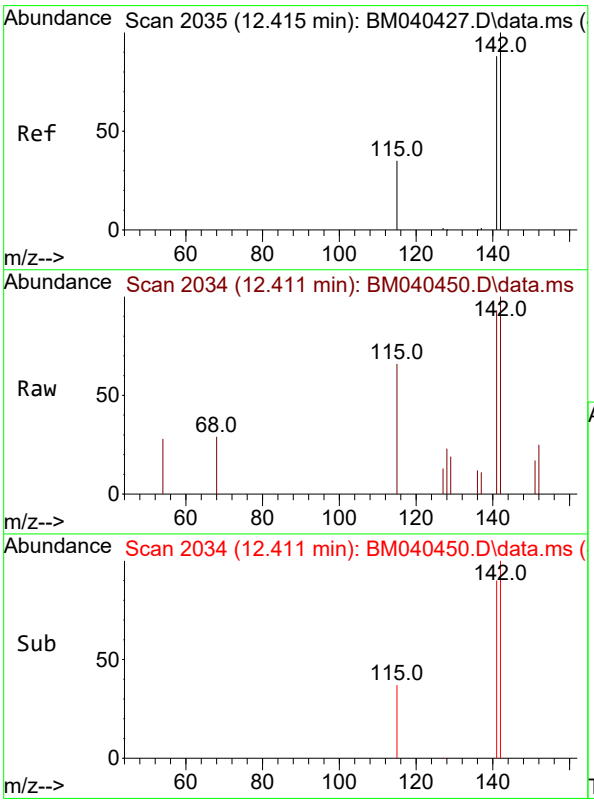
#5
Naphthalene
Concen: 0.047 ng/ul
RT: 10.800 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Instrument :
BNA_M
ClientSampleId :
DCFW0

Tgt Ion:128 Resp: 2858

Ion	Ratio	Lower	Upper
128	100		
129	20.9	9.2	13.8#
127	17.3	10.6	15.8#

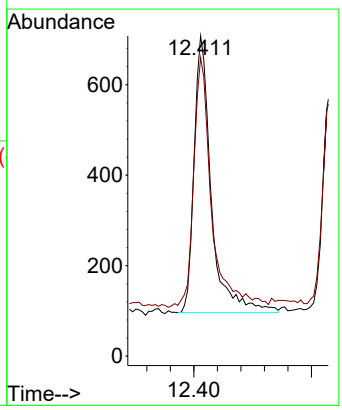


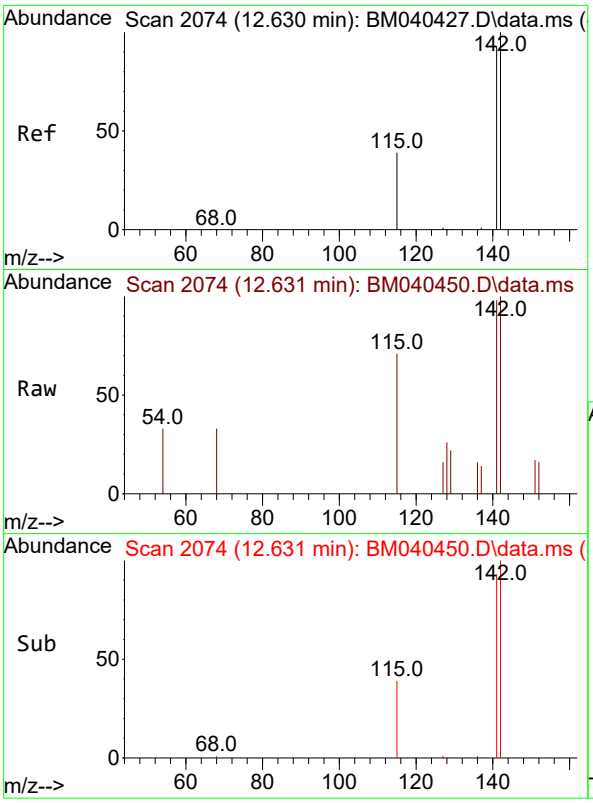


#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.411 min Scan# 2034
Delta R.T. -0.011 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Tgt Ion:142 Resp: 1246

Ion	Ratio	Lower	Upper
142	100		
141	93.1	71.9	107.9



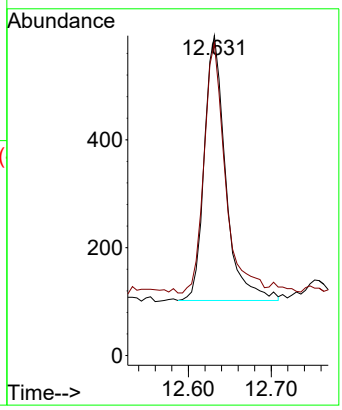


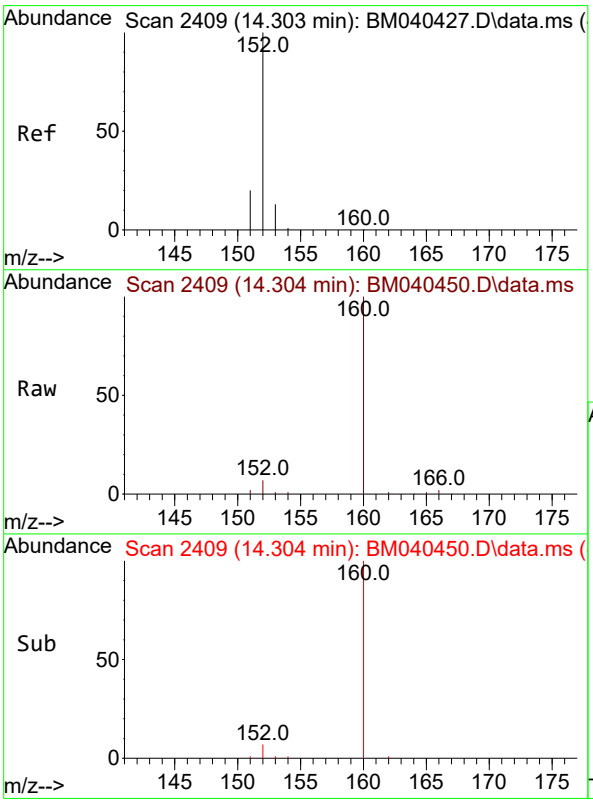
#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.631 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Instrument :
BNA_M
ClientSampleId :
DCFW0

Tgt Ion:142 Resp: 880

Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.7	110.5

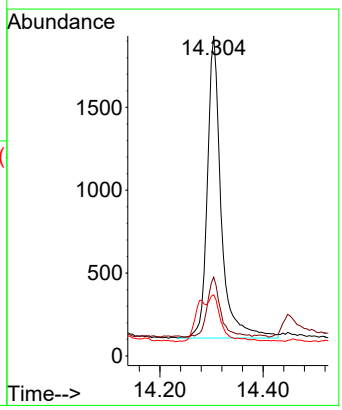


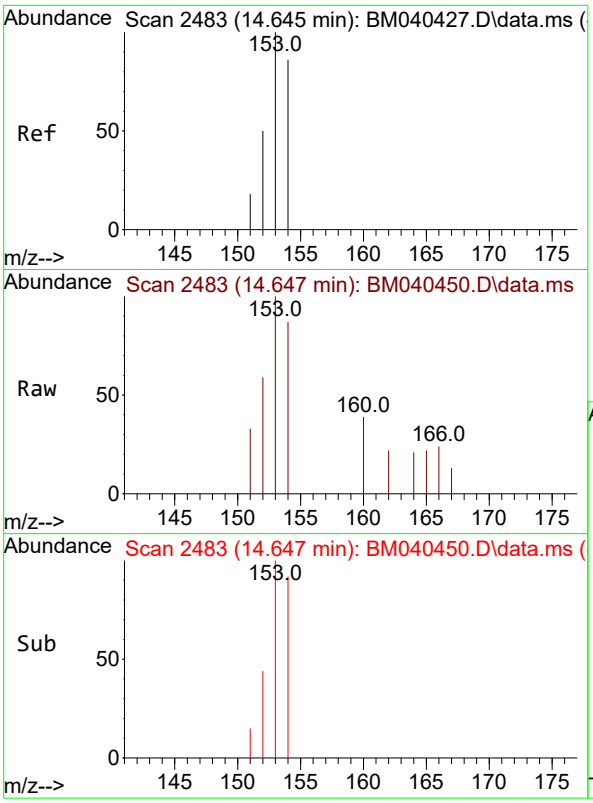


#10
Acenaphthylene
Concen: 0.074 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Tgt Ion:152 Resp: 3383

Ion	Ratio	Lower	Upper
152	100		
151	24.7	16.2	24.2#
153	19.1	10.9	16.3#



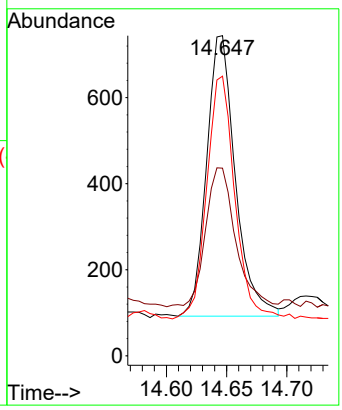


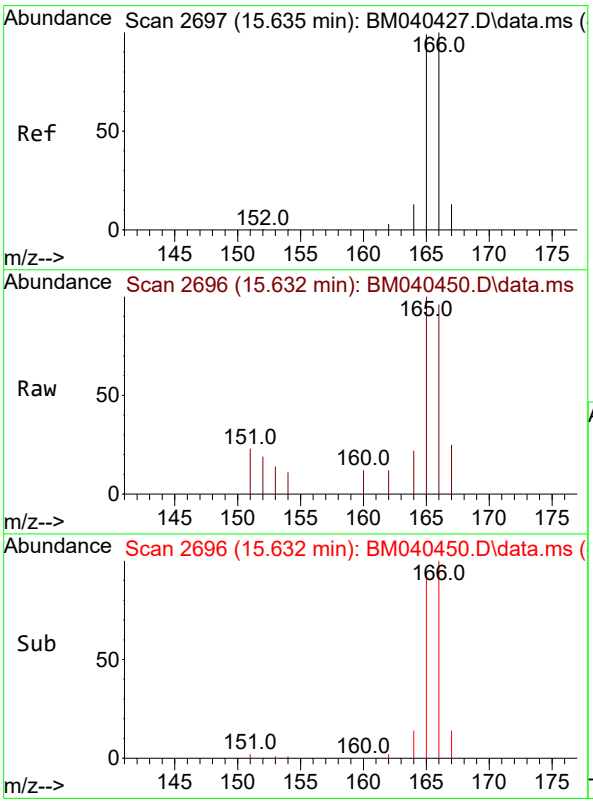
#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.647 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Instrument :
BNA_M
ClientSampleId :
DCFW0

Tgt Ion:153 Resp: 1085

Ion	Ratio	Lower	Upper
153	100		
152	58.6	41.0	61.4
154	87.4	70.8	106.2

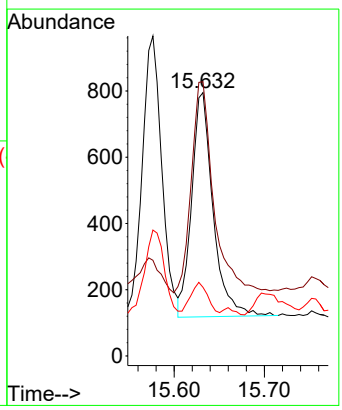


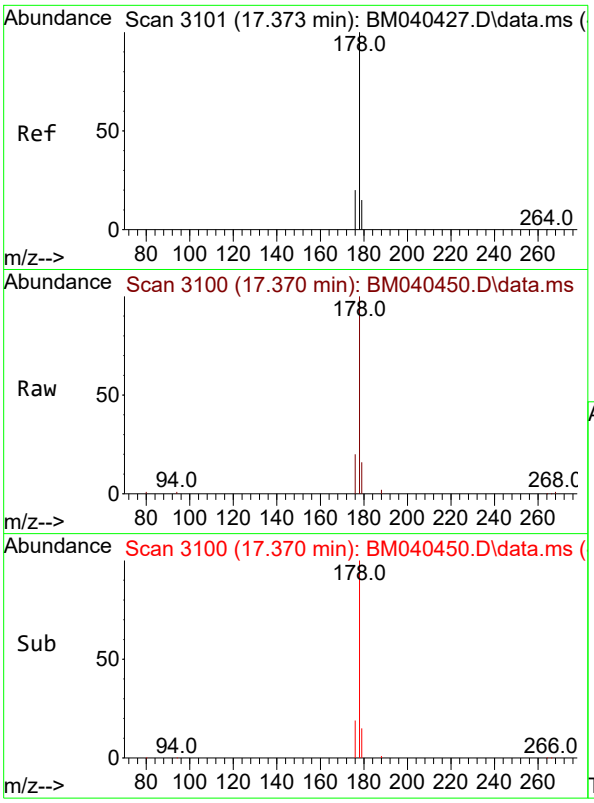


#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.632 min Scan# 2696
Delta R.T. -0.009 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Tgt Ion:166 Resp: 1115

Ion	Ratio	Lower	Upper
166	100		
165	104.2	79.6	119.4
167	26.0	11.4	17.0#





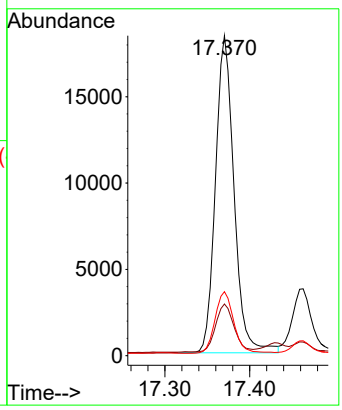
#15
Phenanthrene
Concen: 0.437 ng/ul
RT: 17.370 min Scan# 3

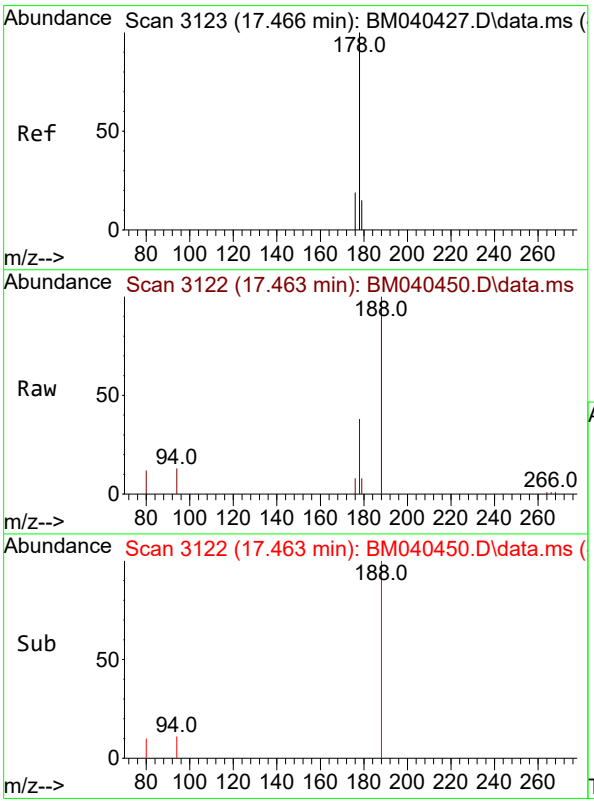
Instrument :
BNA_M
ClientSampleId :
DCFW0

Delta R.T. -0.008 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Tgt Ion:178 Resp: 27961

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	20.0	16.4	24.6

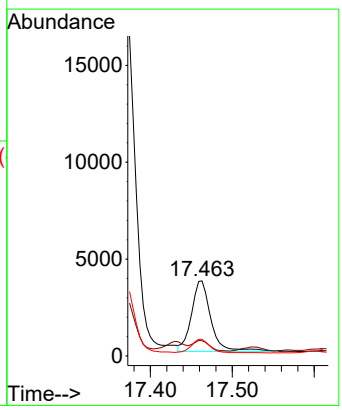


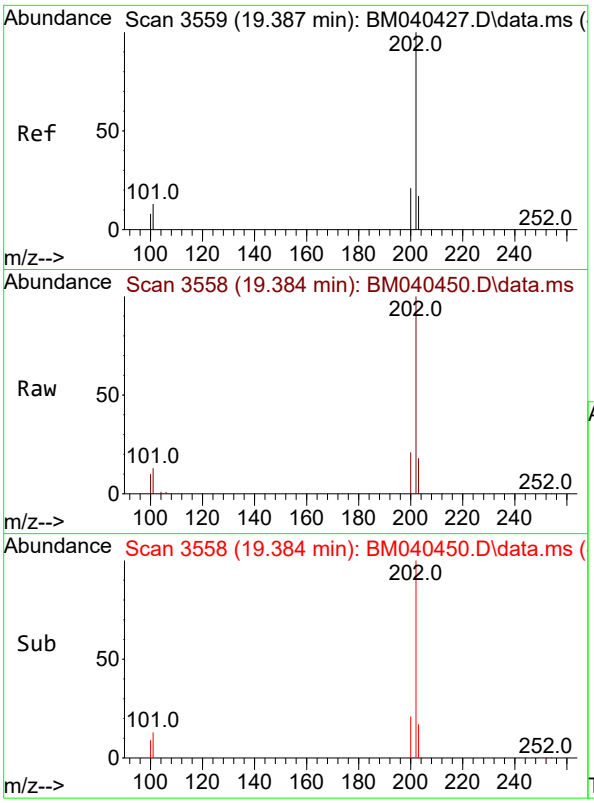


#16
Anthracene
Concen: 0.111 ng/ul
RT: 17.463 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Tgt Ion:178 Resp: 5981

Ion	Ratio	Lower	Upper
178	100		
179	20.3	12.9	19.3#
176	22.2	15.8	23.6



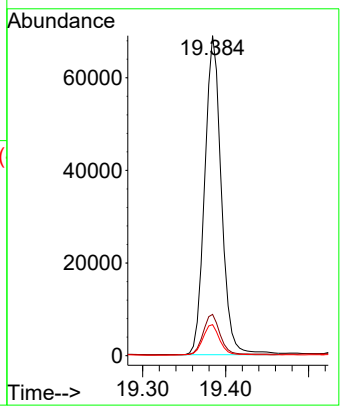


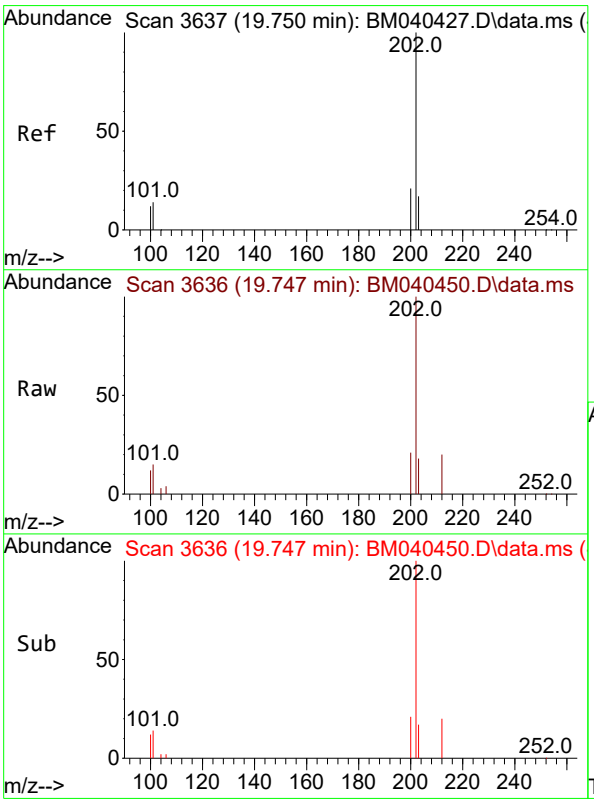
#19
Fluoranthene
Concen: 1.781 ng/ul
RT: 19.384 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Instrument :
BNA_M
ClientSampleId :
DCFW0

Tgt Ion:202 Resp: 96257

Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.4	17.0
100	9.7	8.7	13.1

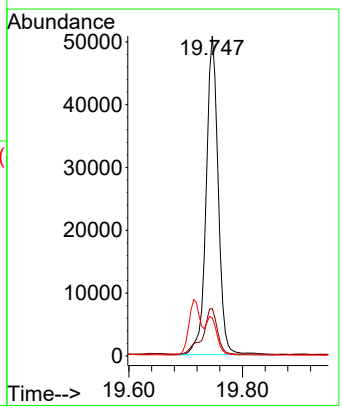


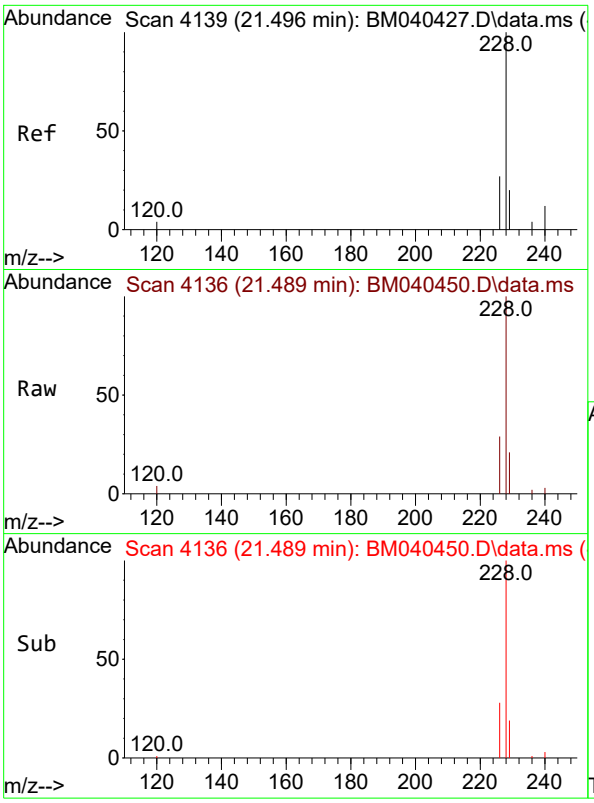


#20
Pyrene
Concen: 1.291 ng/ul
RT: 19.747 min Scan# 3636
Delta R.T. -0.009 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Tgt Ion:202 Resp: 74824

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.6	18.8
100	11.9	9.8	14.6



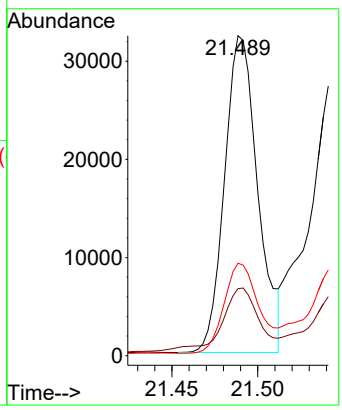


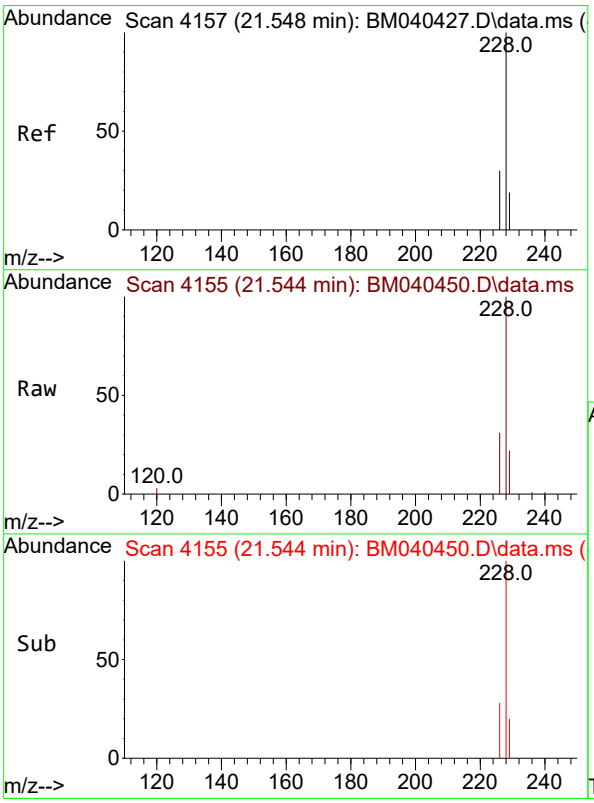
#21
Benzo(a)anthracene
Concen: 1.011 ng/ul
RT: 21.489 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Instrument :
BNA_M
ClientSampleId :
DCFW0

Tgt Ion:228 Resp: 43528

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.0	24.0
226	28.9	22.3	33.5

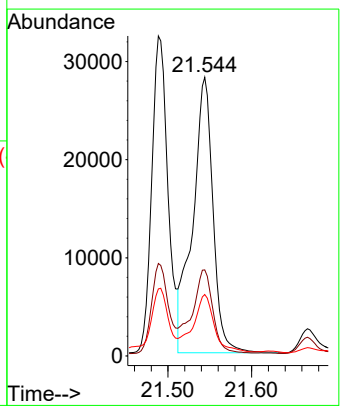


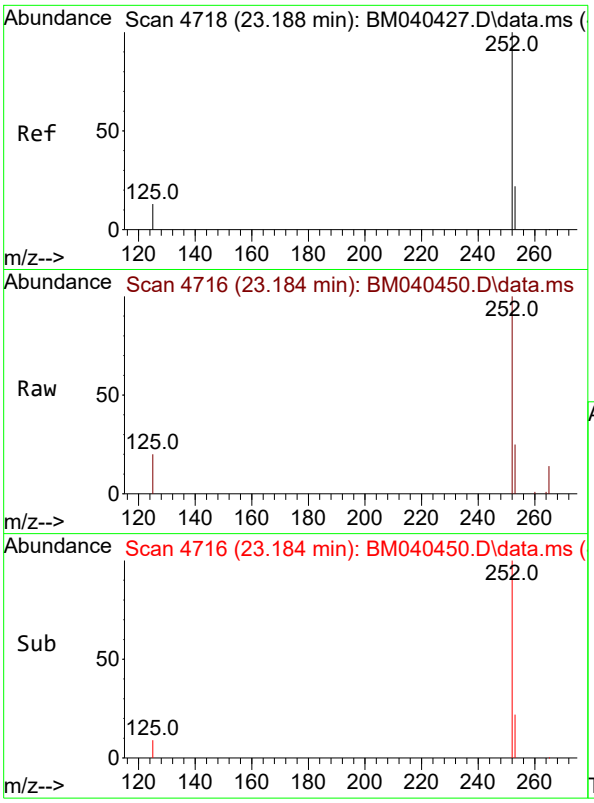


#22
Chrysene
Concen: 0.964 ng/ul
RT: 21.544 min Scan# 4155
Delta R.T. -0.009 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Tgt Ion:228 Resp: 47317

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	22.0	15.8	23.6



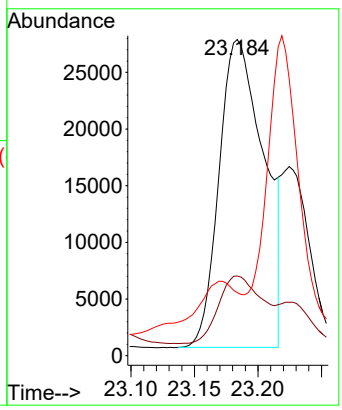


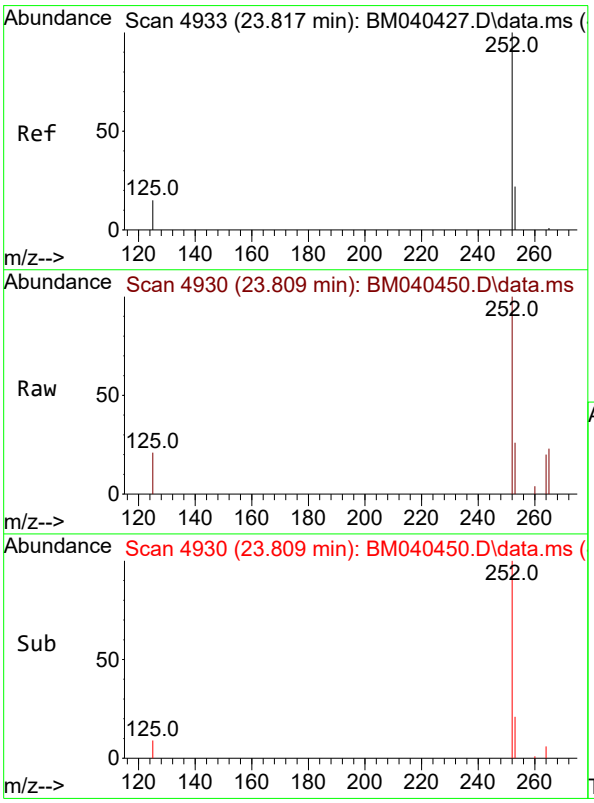
#24
Benzo(b)fluoranthene
Concen: 1.429 ng/ul
RT: 23.184 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Instrument :
BNA_M
ClientSampleId :
DCFW0

Tgt Ion:252 Resp: 66627

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	52.8
125	19.9	0.0	43.0

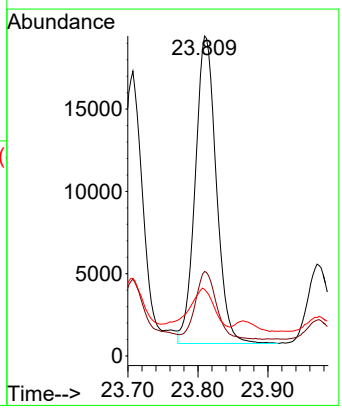


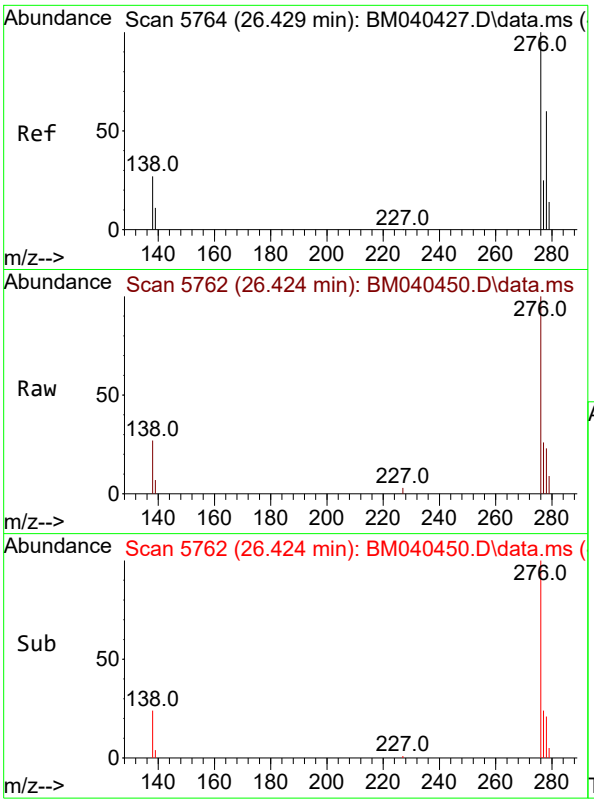


#26
Benzo(a)pyrene
Concen: 0.928 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.015 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Tgt Ion:252 Resp: 38954

Ion	Ratio	Lower	Upper
252	100		
253	26.4	22.9	34.3
125	20.8	21.0	31.4#



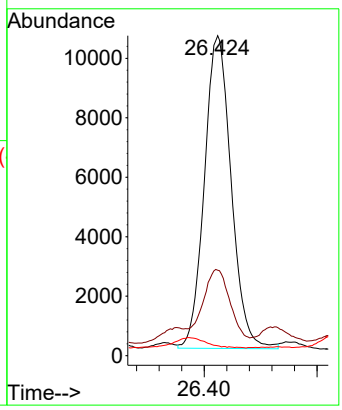


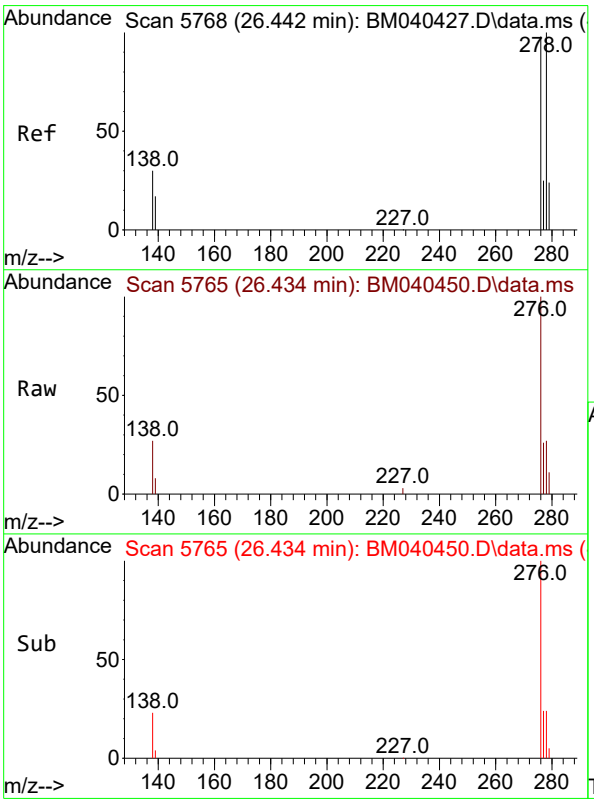
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.593 ng/ul
RT: 26.424 min Scan# 5
Delta R.T. -0.010 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Instrument :
BNA_M
ClientSampleId :
DCFW0

Tgt Ion:276 Resp: 34702

Ion	Ratio	Lower	Upper
276	100		
138	23.7	24.5	36.7#
227	0.0	0.1	0.1#

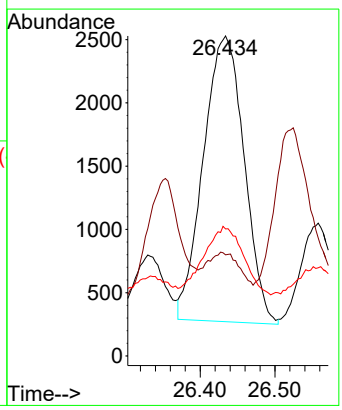


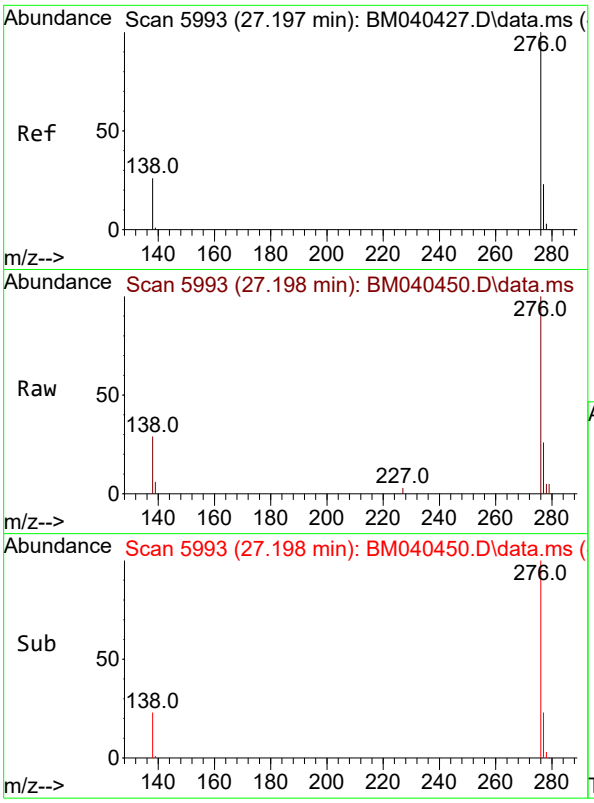


#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 26.434 min Scan# 5765
Delta R.T. -0.020 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Tgt Ion:278 Resp: 8559

Ion	Ratio	Lower	Upper
278	100		
139	31.6	17.9	26.9#
279	39.7	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.597 ng/ul
RT: 27.198 min Scan# 5
Delta R.T. -0.007 min
Lab File: BM040450.D
Acq: 29 Jun 2023 22:57

Instrument :
BNA_M
ClientSampleId :
DCFW0

Tgt Ion:276 Resp: 30576

Ion	Ratio	Lower	Upper
276	100		
138	29.0	23.0	34.6
277	25.8	20.3	30.5