Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040561.D
Acq On : 03 Jul 2023 04:42
Operator : MA/JU
Sample : 03245-06
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCGG4

Quant Time: Jul 03 06:50:53 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	7.923	152	7283	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.733	136	26759	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.567	164	15361	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.318	188	28555	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	16344	0.400	ng/ul	# 0.00
23) Perylene-d12	23.916	264	15691	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	50632	4.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.322	152	12685	0.338	ng/ul	-0.01
18) Fluoranthene-d10	19.346	212	21312	0.407	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.782	128	5088	0.069	ng/ul#	87
7) 2-Methylnaphthalene	12.393	142	4584	0.106	ng/ul	97
8) 1-Methylnaphthalene	12.613	142	4969	0.115	ng/ul	98
10) Acenaphthylene	14.289	152	14503	0.211	ng/ul	96
11) Acenaphthene	14.631	153	21141	0.365	ng/ul	99
12) Fluorene	15.617	166	27210	0.440	ng/ul	99
15) Phenanthrene	17.356	178	701117	7.905	ng/ul	98
16) Anthracene	17.449	178	50961	0.684	ng/ul	97
19) Fluoranthene	19.374	202	1118120	16.105	ng/ul	96
20) Pyrene	19.741	202	728207	9.784	ng/ul	96
21) Benzo(a)anthracene	21.484	228	224465	4.060	ng/ul	98
22) Chrysene	21.540	228	312307	4.952	ng/ul	97
24) Benzo(b)fluoranthene	23.179	252	361405	5.952	ng/ul	90
26) Benzo(a)pyrene	23.808	252	165448	3.025	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.419	276	141714	1.860	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.429	278	37703	0.632	ng/ul	90
29) Benzo(g,h,i)perylene	27.194	276	127864	1.915	ng/ul	98

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

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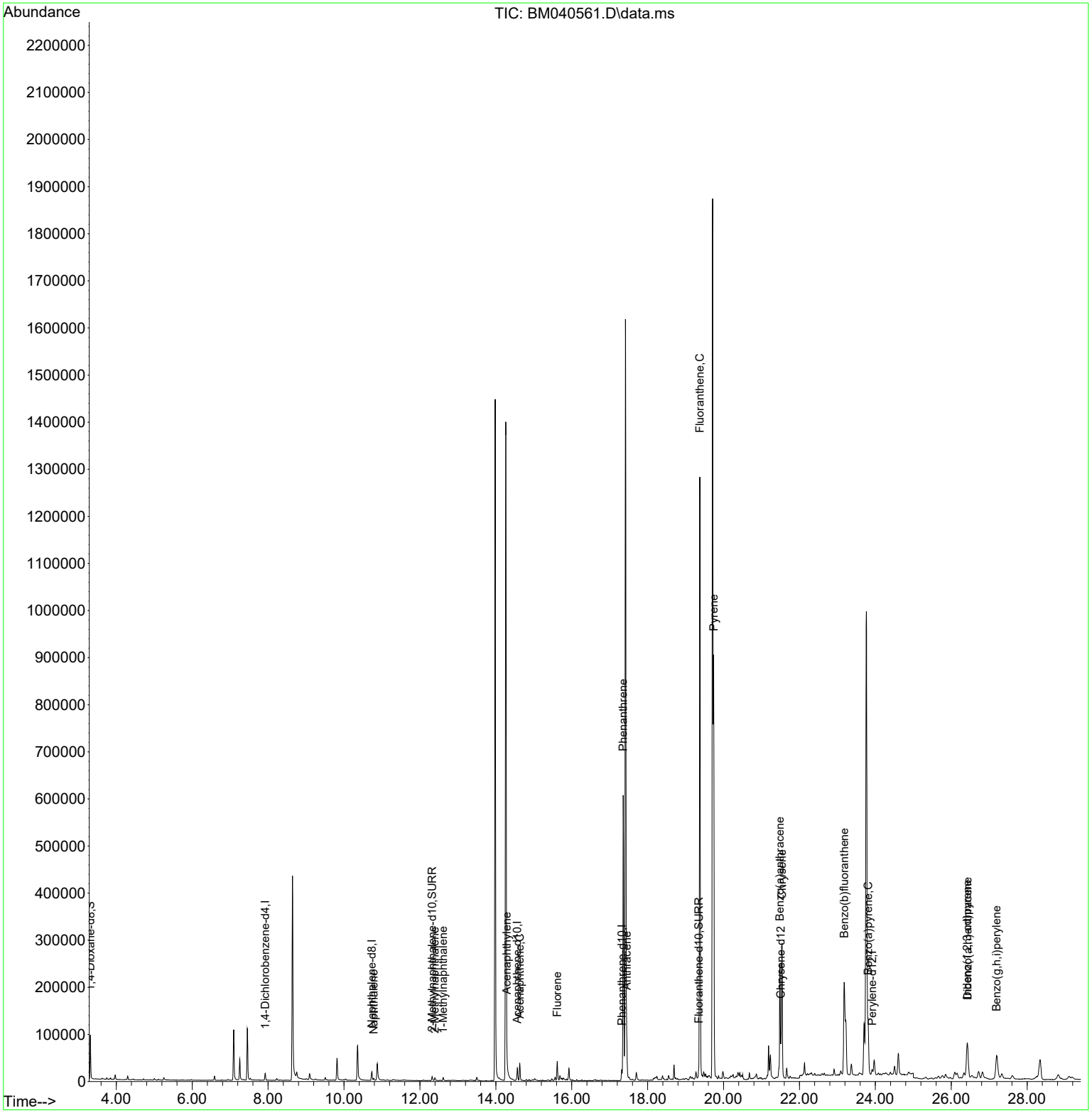
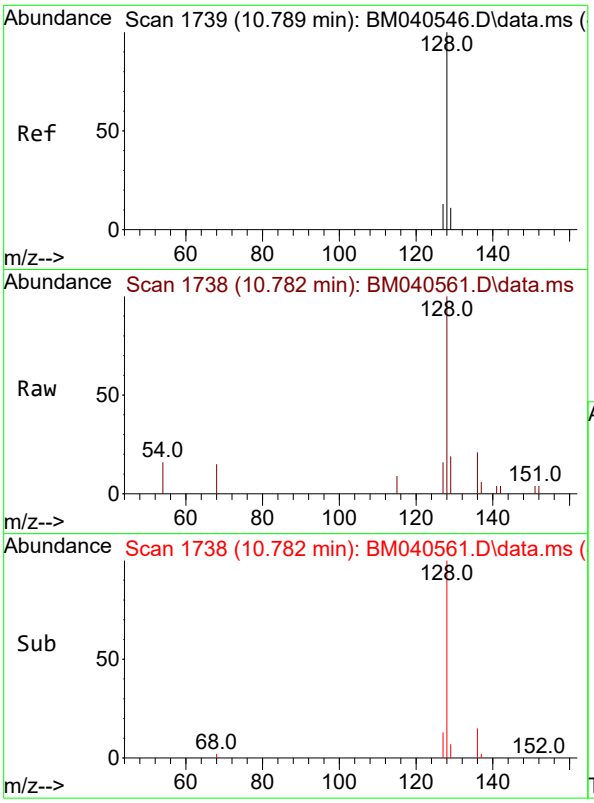


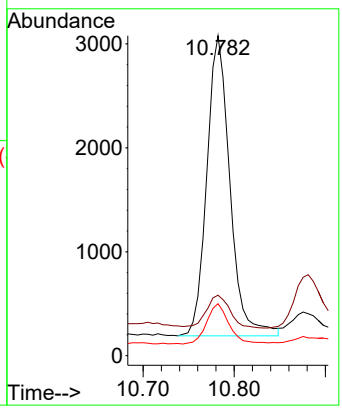


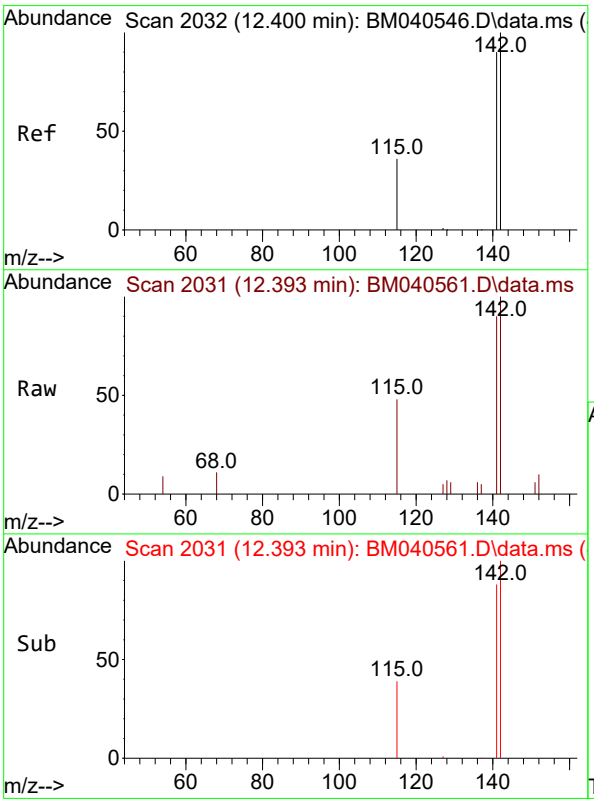
#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.782 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Instrument :
BNA_M
ClientSampleId :
DCGG4

Tgt Ion:128 Resp: 5088

Ion	Ratio	Lower	Upper
128	100		
129	18.9	9.2	13.8#
127	16.3	10.6	15.8#

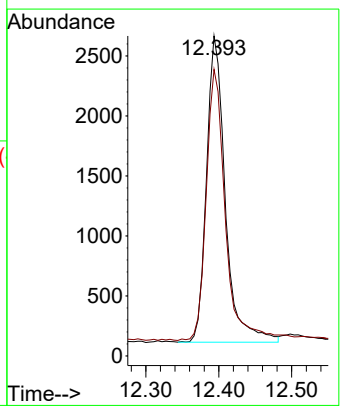


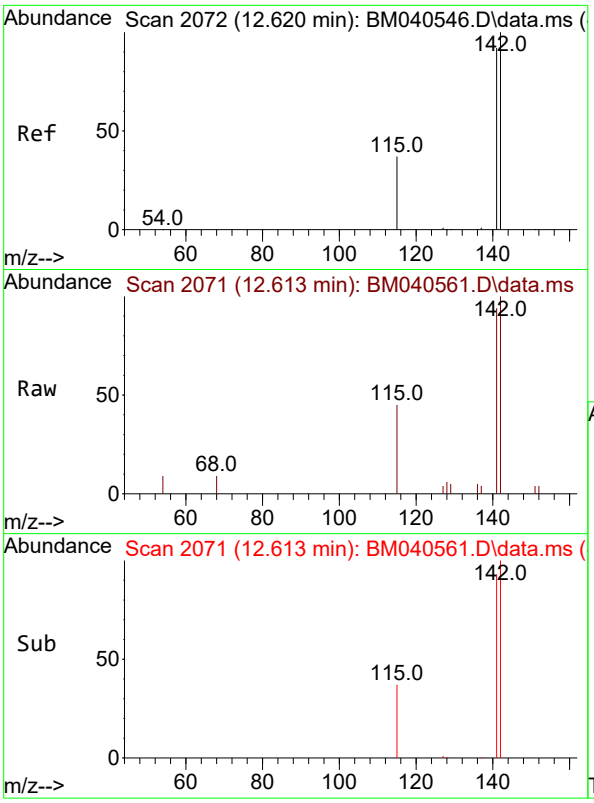


#7
2-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.393 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Tgt Ion:142 Resp: 4584

Ion	Ratio	Lower	Upper
142	100		
141	92.4	71.9	107.9



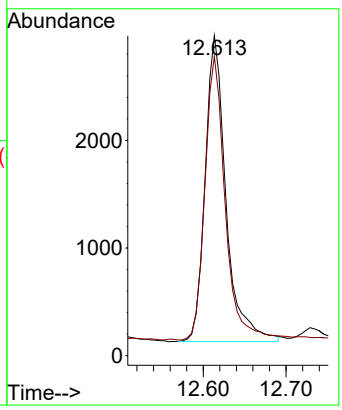


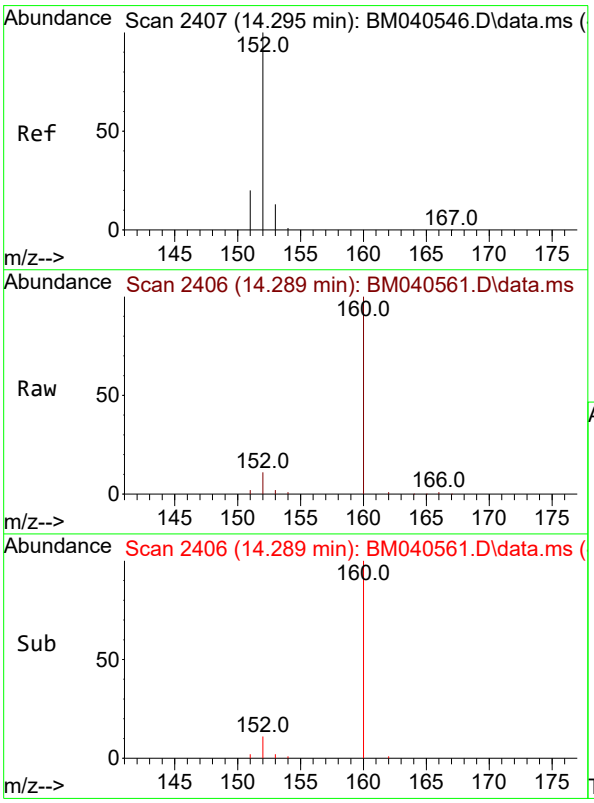
#8
1-Methylnaphthalene
Concen: 0.115 ng/ul
RT: 12.613 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Instrument :
BNA_M
ClientSampleId :
DCGG4

Tgt Ion:142 Resp: 4969

Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.7	110.5

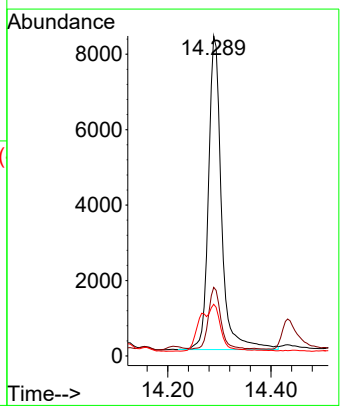


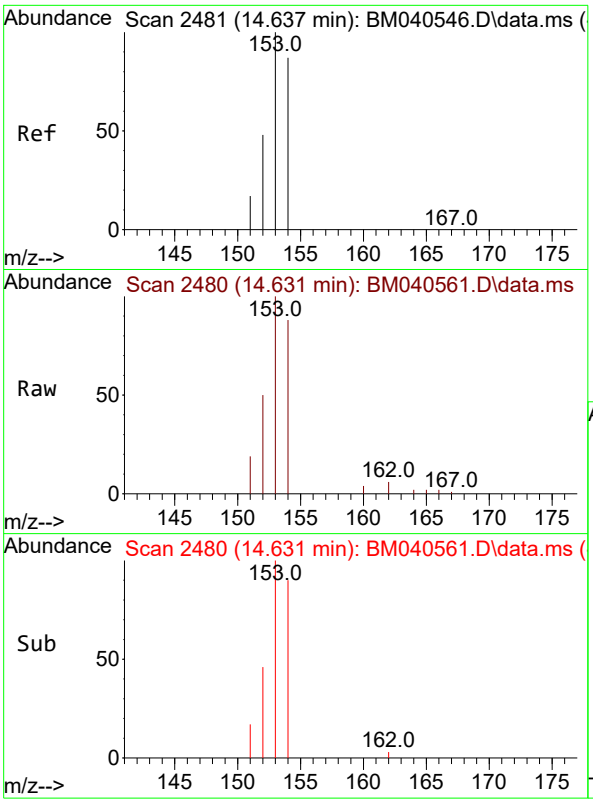


#10
Acenaphthylene
Concen: 0.211 ng/ul
RT: 14.289 min Scan# 2406
Delta R.T. -0.010 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Tgt Ion:152 Resp: 14503

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.2	24.2
153	16.1	10.9	16.3



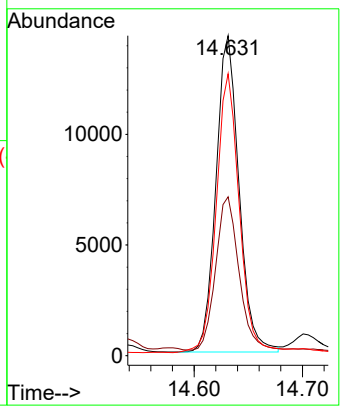


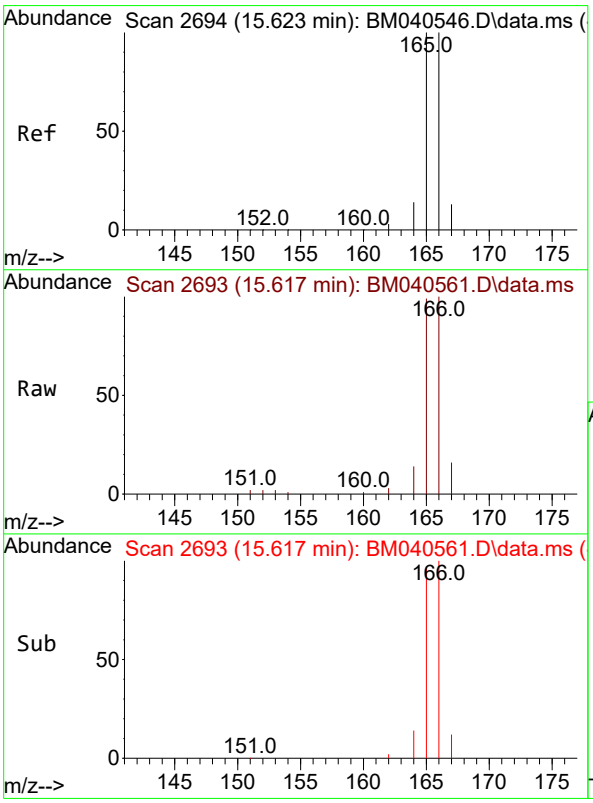
#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.631 min Scan# 24
Delta R.T. -0.010 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Instrument :
BNA_M
ClientSampleId :
DCGG4

Tgt Ion:153 Resp: 21141

Ion	Ratio	Lower	Upper
153	100		
152	49.7	41.0	61.4
154	88.1	70.8	106.2

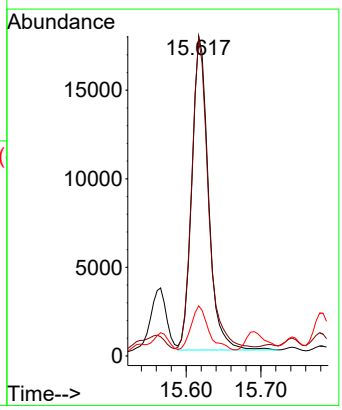


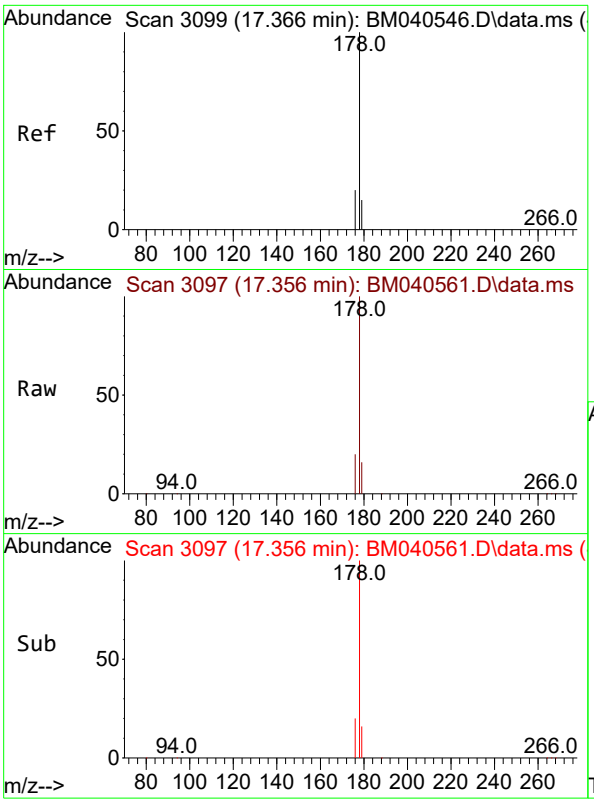


#12
Fluorene
Concen: 0.440 ng/ul
RT: 15.617 min Scan# 2693
Delta R.T. -0.015 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Tgt Ion:166 Resp: 27210

Ion	Ratio	Lower	Upper
166	100		
165	99.3	79.6	119.4
167	15.6	11.4	17.0



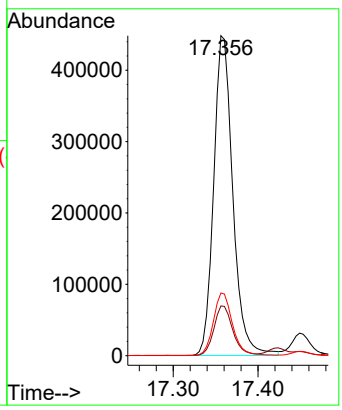


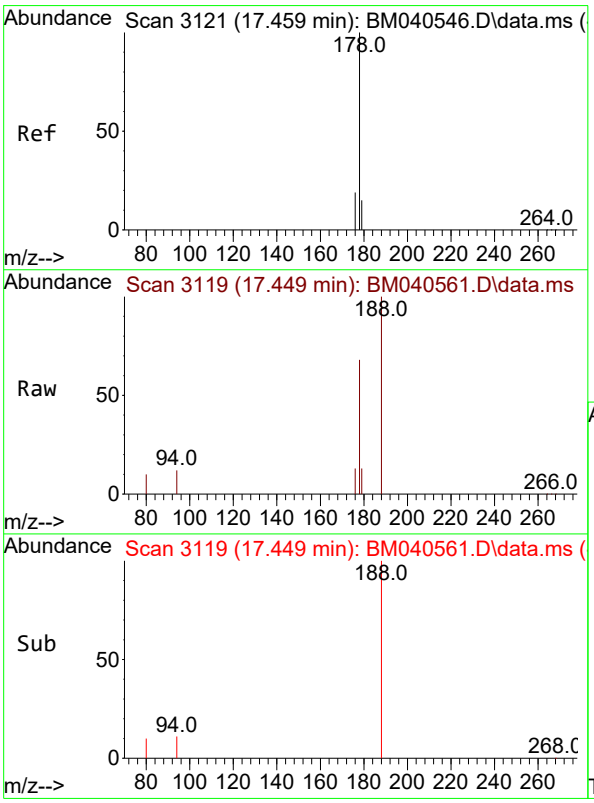
#15
Phenanthrene
Concen: 7.905 ng/ul
RT: 17.356 min Scan# 3
Delta R.T. -0.014 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Instrument :
BNA_M
ClientSampleId :
DCGG4

Tgt Ion:178 Resp: 701117

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.6	16.4	24.6

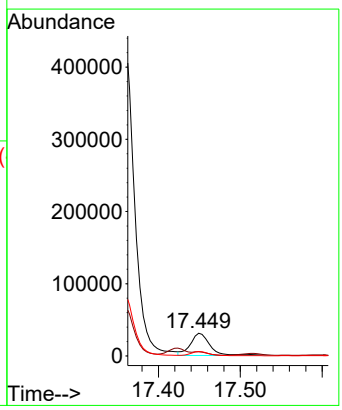


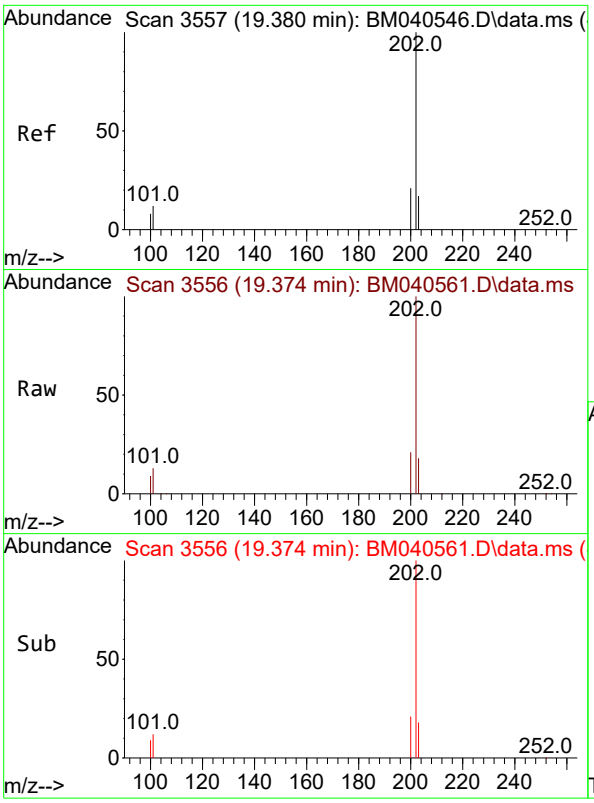


#16
Anthracene
Concen: 0.684 ng/ul
RT: 17.449 min Scan# 3119
Delta R.T. -0.014 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Tgt Ion:178 Resp: 50961

Ion	Ratio	Lower	Upper
178	100		
179	18.6	12.9	19.3
176	19.6	15.8	23.6



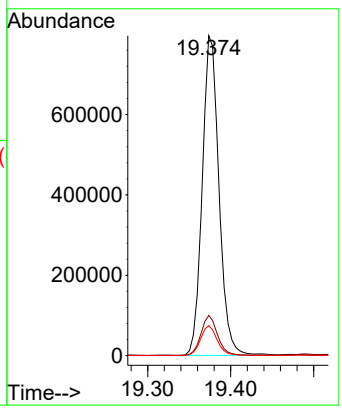


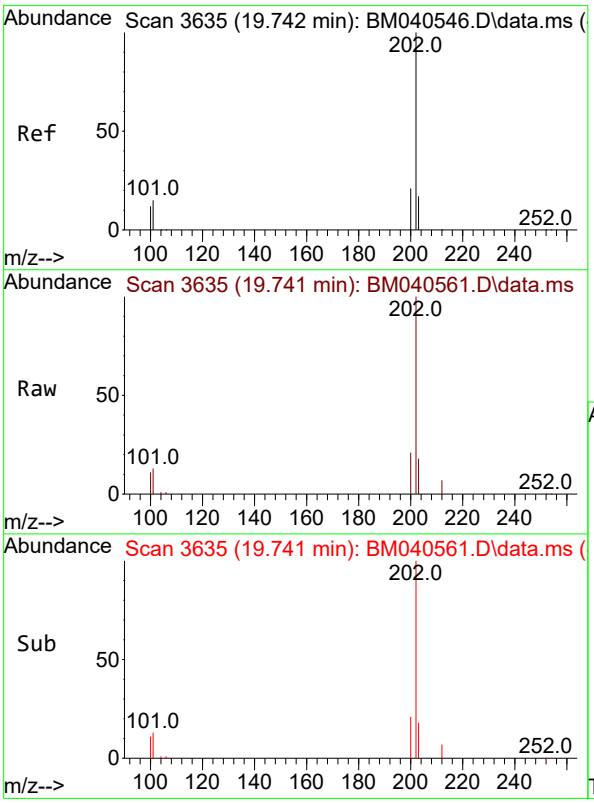
#19
Fluoranthene
Concen: 16.105 ng/ul
RT: 19.374 min Scan# 3
Delta R.T. -0.011 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Instrument :
BNA_M
ClientSampleId :
DCGG4

Tgt Ion:202 Resp: 1118120

Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.4	17.0
100	9.4	8.7	13.1

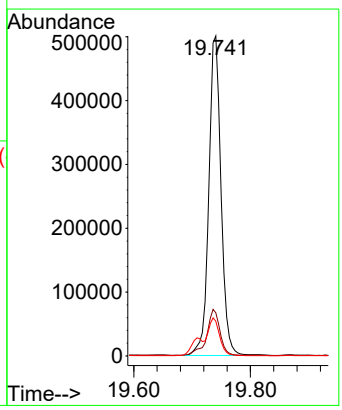


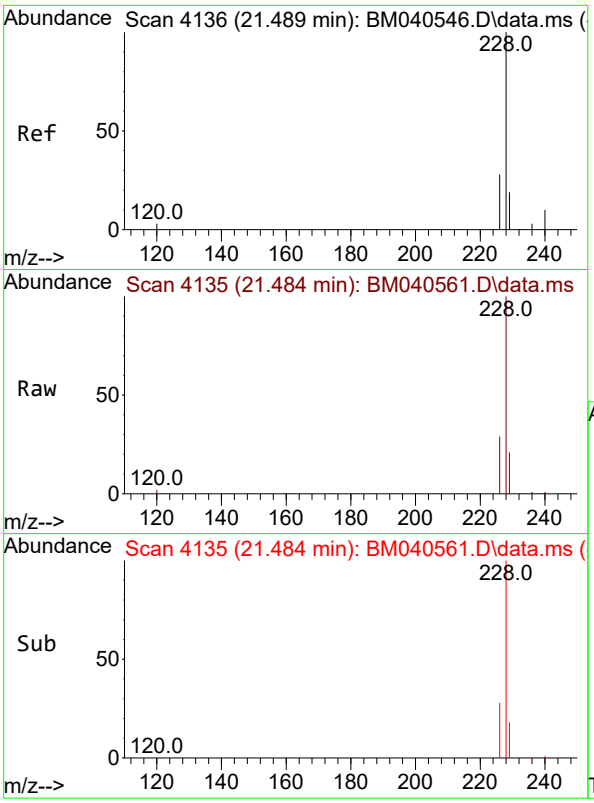


#20
Pyrene
Concen: 9.784 ng/ul
RT: 19.741 min Scan# 3635
Delta R.T. -0.006 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Tgt Ion:202 Resp: 728207

Ion	Ratio	Lower	Upper
202	100		
101	13.5	12.6	18.8
100	10.8	9.8	14.6



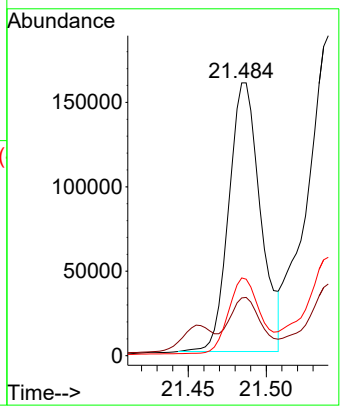


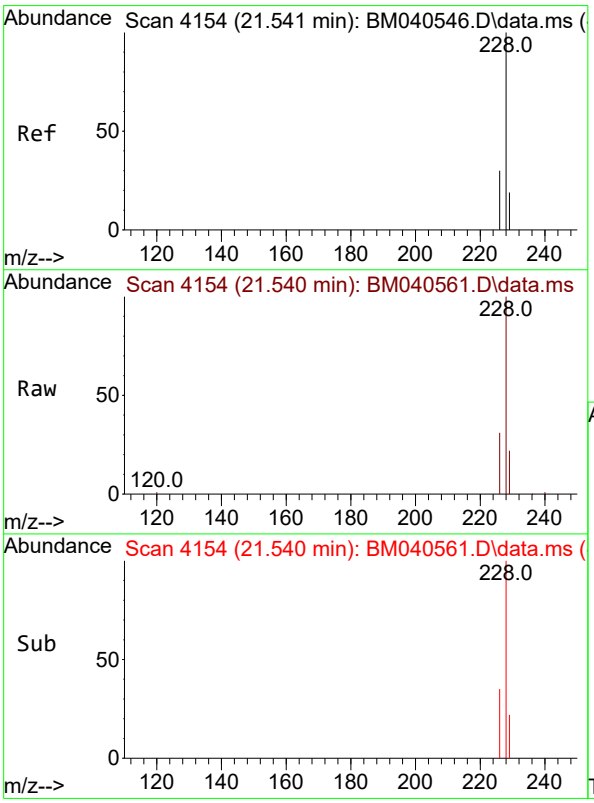
#21
Benzo(a)anthracene
Concen: 4.060 ng/ul
RT: 21.484 min Scan# 4
Delta R.T. -0.007 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Instrument :
BNA_M
ClientSampleId :
DCGG4

Tgt Ion:228 Resp: 224465

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.0	24.0
226	28.5	22.3	33.5

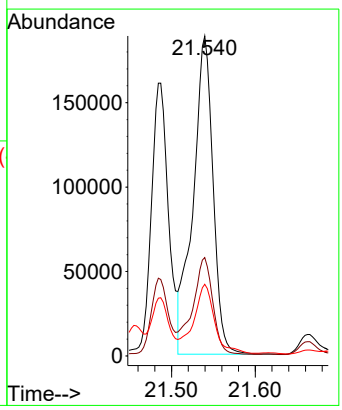


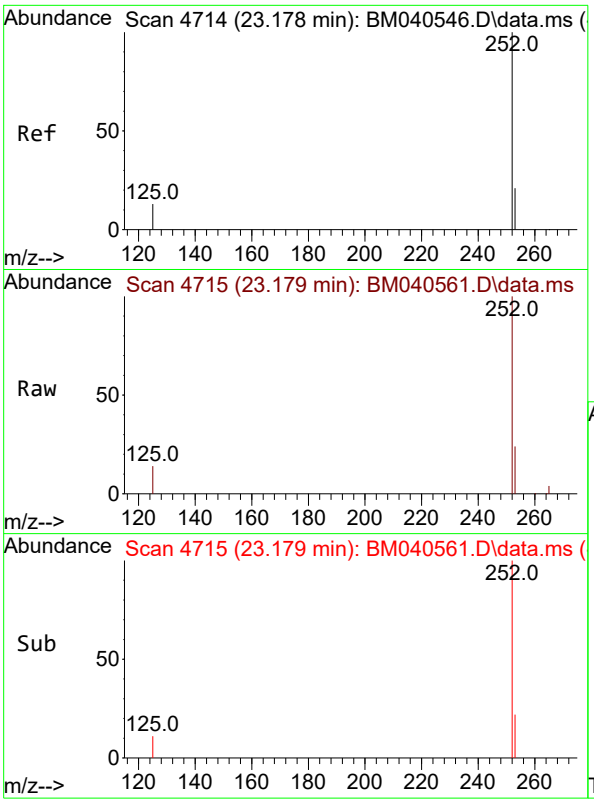


#22
Chrysene
Concen: 4.952 ng/ul
RT: 21.540 min Scan# 4154
Delta R.T. -0.004 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Tgt Ion:228 Resp: 312307

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	22.4	15.8	23.6



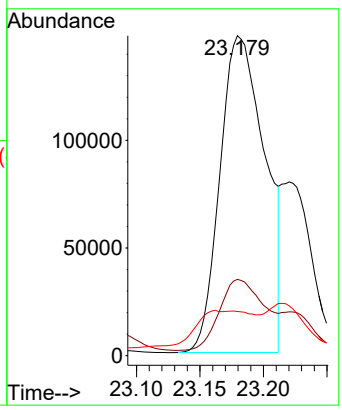


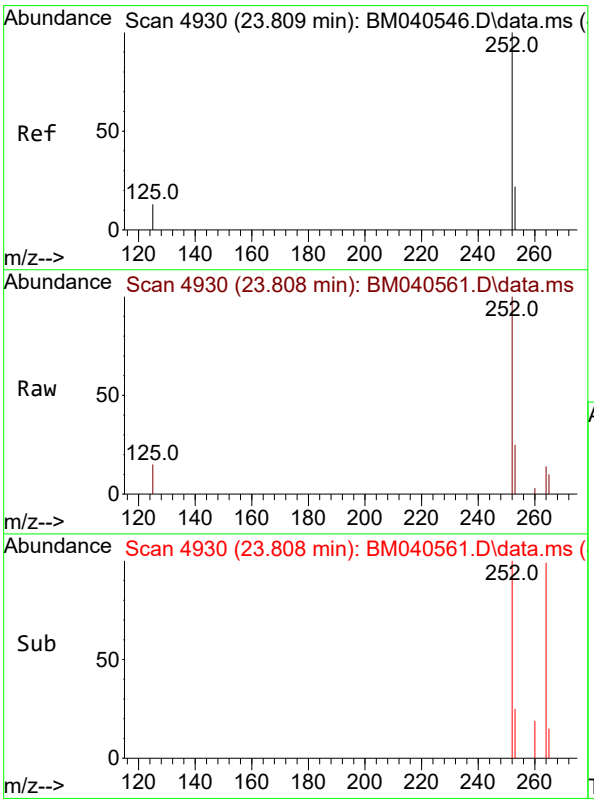
#24
Benzo(b)fluoranthene
Concen: 5.952 ng/ul
RT: 23.179 min Scan# 4
Delta R.T. -0.001 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Instrument :
BNA_M
ClientSampleId :
DCGG4

Tgt Ion:252 Resp: 361405

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	52.8
125	13.8	0.0	43.0

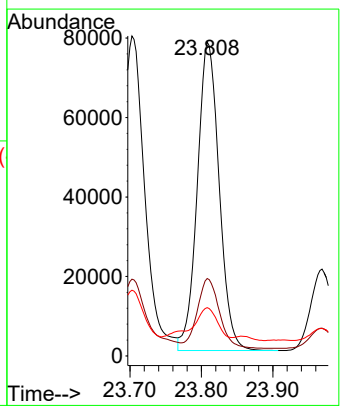


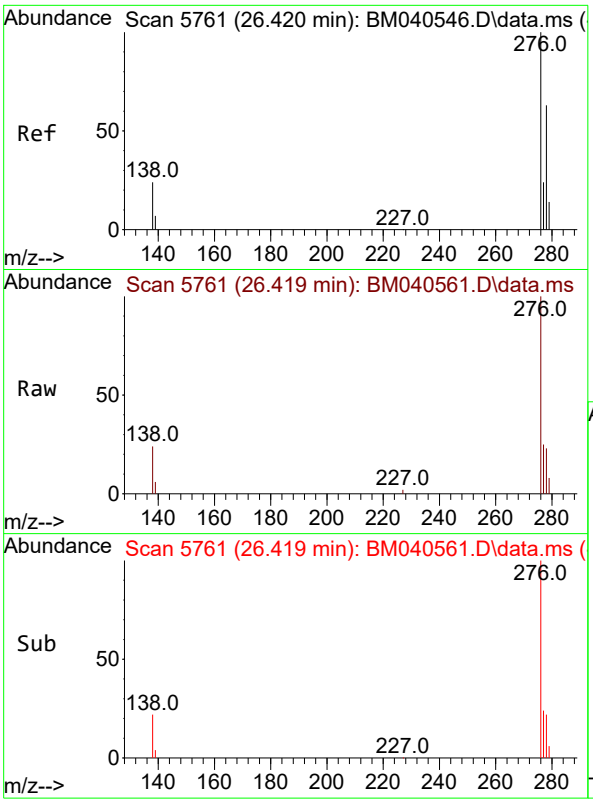


#26
Benzo(a)pyrene
Concen: 3.025 ng/ul
RT: 23.808 min Scan# 4930
Delta R.T. -0.004 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Tgt Ion:252 Resp: 165448

Ion	Ratio	Lower	Upper
252	100		
253	24.7	22.9	34.3
125	15.4	21.0	31.4#



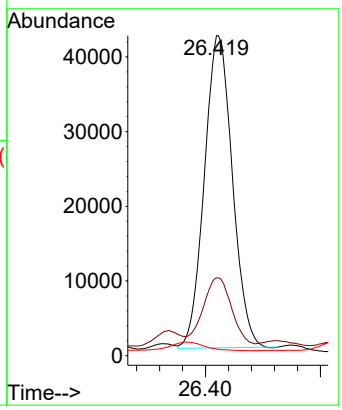


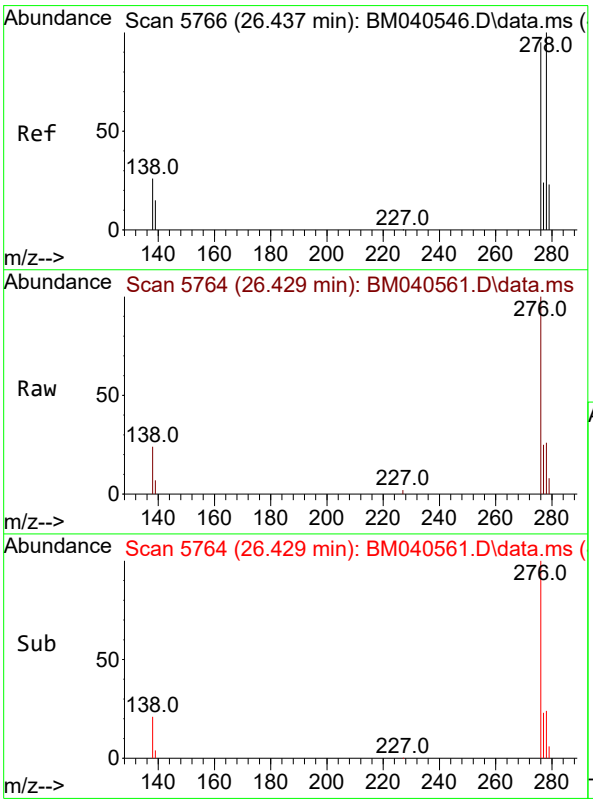
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.860 ng/ul
RT: 26.419 min Scan# 5
Delta R.T. -0.001 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Instrument :
BNA_M
ClientSampleId :
DCGG4

Tgt Ion:276 Resp: 141714

Ion	Ratio	Lower	Upper
276	100		
138	22.2	24.5	36.7#
227	0.0	0.1	0.1#

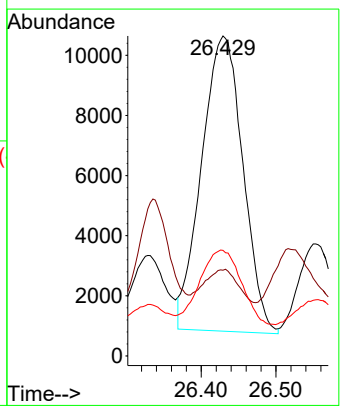


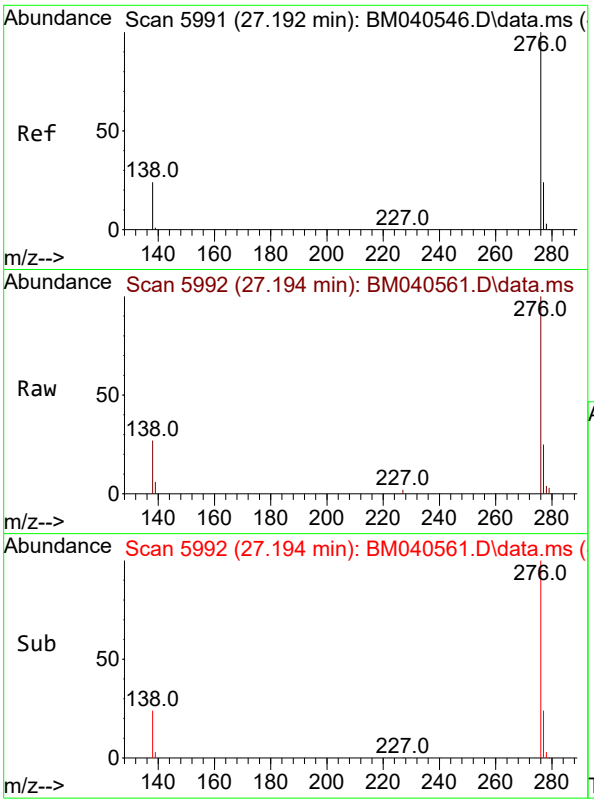


#28
Dibenzo(a,h)anthracene
Concen: 0.632 ng/ul
RT: 26.429 min Scan# 5764
Delta R.T. -0.008 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Tgt Ion:278 Resp: 37703

Ion	Ratio	Lower	Upper
278	100		
139	26.8	17.9	26.9
279	33.0	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 1.915 ng/ul
RT: 27.194 min Scan# 5
Delta R.T. 0.009 min
Lab File: BM040561.D
Acq: 03 Jul 2023 04:42

Instrument :
BNA_M
ClientSampleId :
DCGG4

Tgt Ion:276 Resp: 127864

Ion	Ratio	Lower	Upper
276	100		
138	27.3	23.0	34.6
277	25.1	20.3	30.5