Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040575.D
Acq On : 03 Jul 2023 14:57
Operator : MA/JU
Sample : 03245-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCGG3

Quant Time: Jul 03 18:34:46 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 : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	6059	0.400	ng/ul	0.00
4) Naphthalene-d8	10.728	136	21591	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.568	164	11241	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	21914	0.400	ng/ul	0.00
17) Chrysene-d12	21.500	240	13843	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	14278	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	36017	3.784	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	8130	0.269	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	14546	0.328	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.778	128	3451	0.058	ng/ul#	83
7) 2-Methylnaphthalene	12.395	142	3114	0.089	ng/ul	98
8) 1-Methylnaphthalene	12.615	142	3166	0.091	ng/ul	99
10) Acenaphthylene	14.290	152	10417	0.207	ng/ul	96
11) Acenaphthene	14.628	153	12980	0.306	ng/ul	98
12) Fluorene	15.618	166	16558	0.366	ng/ul	99
15) Phenanthrene	17.358	178	460204	6.761	ng/ul	98
16) Anthracene	17.446	178	33772	0.590	ng/ul	97
19) Fluoranthene	19.375	202	779829	13.262	ng/ul	94
20) Pyrene	19.737	202	526998	8.359	ng/ul	98
21) Benzo(a)anthracene	21.485	228	157113	3.355	ng/ul	99
22) Chrysene	21.538	228	219199	4.104	ng/ul	97
24) Benzo(b)fluoranthene	23.181	252	255921	4.632	ng/ul	90
26) Benzo(a)pyrene	23.806	252	125792	2.527	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.414	276	100891	1.455	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.420	278	25865	0.477	ng/ul#	90
29) Benzo(g,h,i)perylene	27.188	276	88316	1.454	ng/ul	96

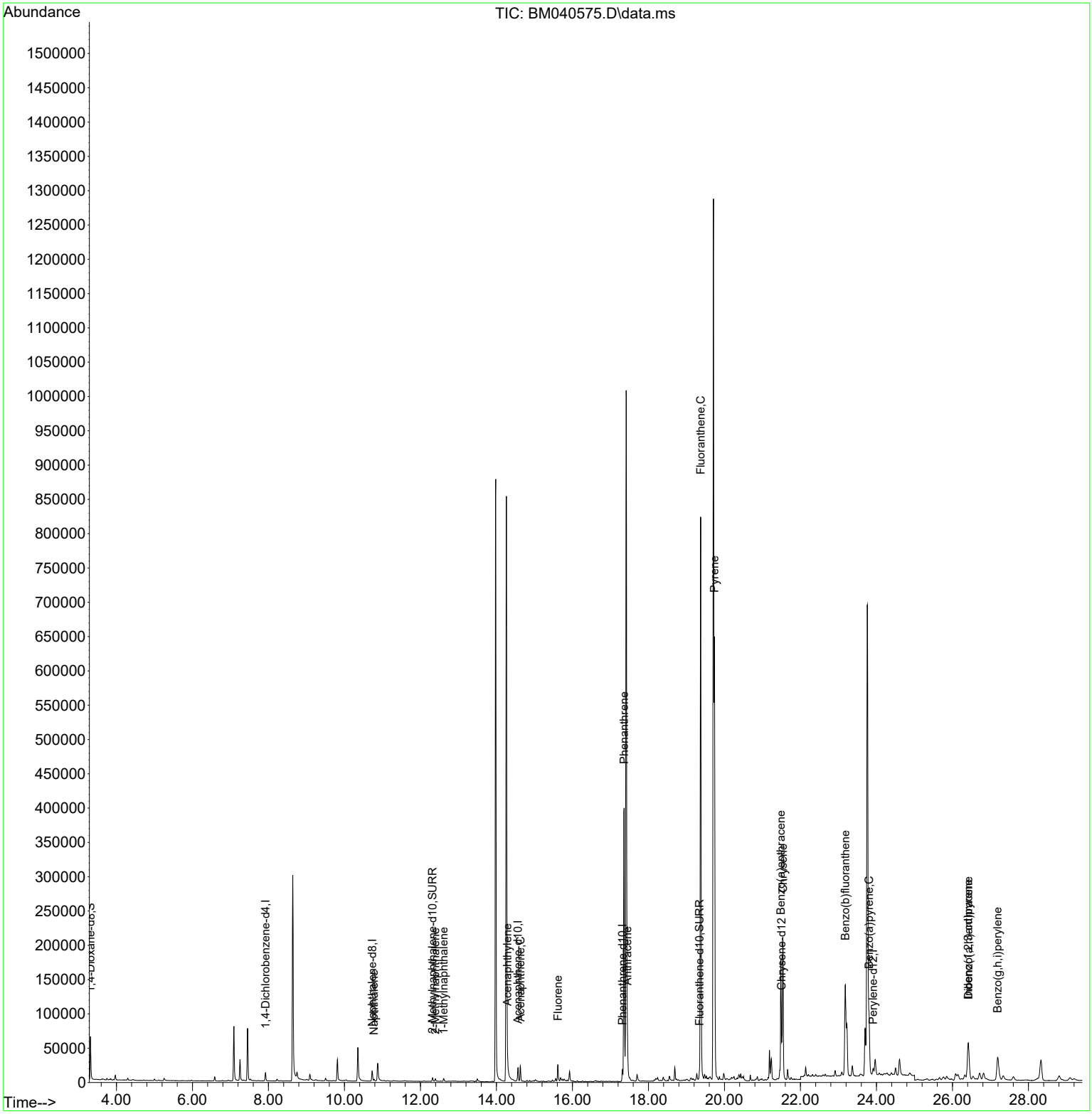
(#) = qualifier out of range (m) = manual integration (+) = signals summed

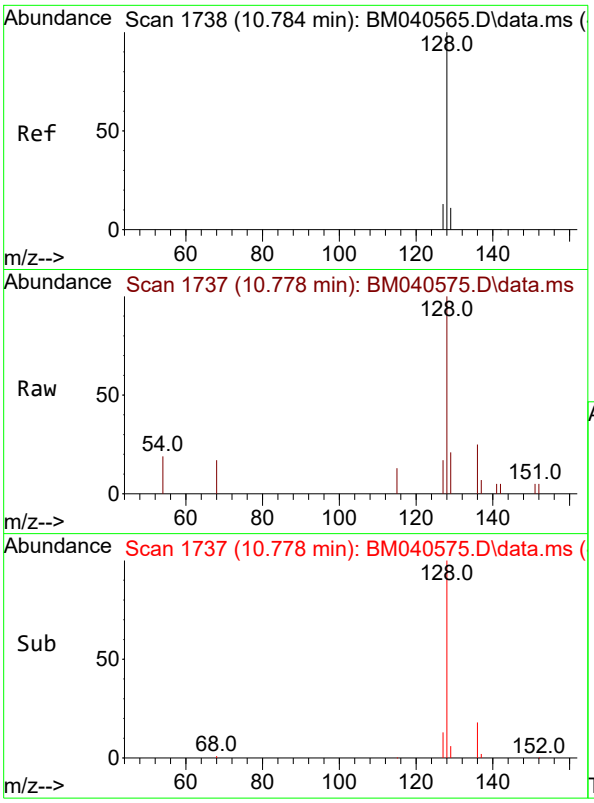
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040575.D
Acq On : 03 Jul 2023 14:57
Operator : MA/JU
Sample : 03245-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCGG3

Quant Time: Jul 03 18:34:46 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 : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration



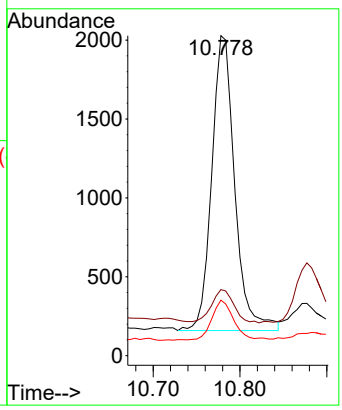


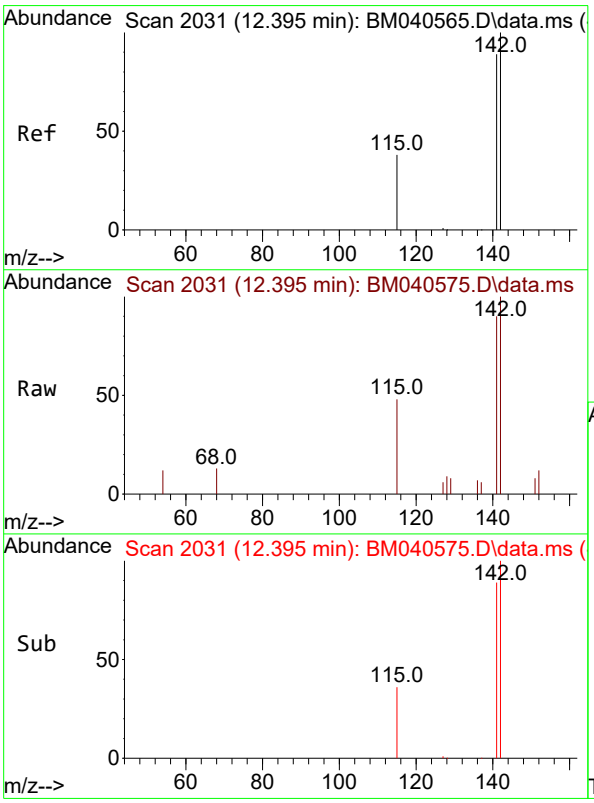
#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.778 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:128 Resp: 3451

Ion	Ratio	Lower	Upper
128	100		
129	20.7	9.2	13.8#
127	17.4	10.6	15.8#

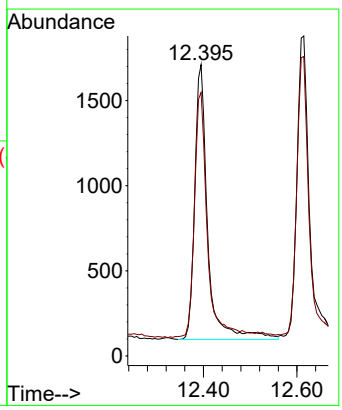


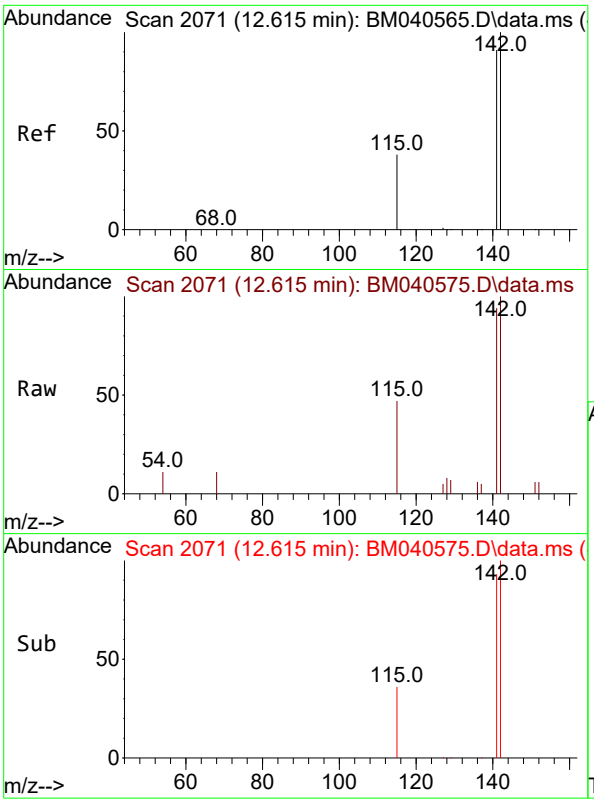


#7
2-Methylnaphthalene
Concen: 0.089 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Tgt Ion:142 Resp: 3114

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.9	107.9



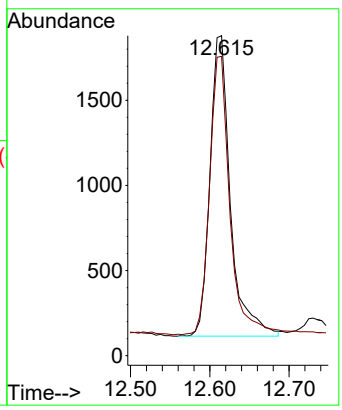


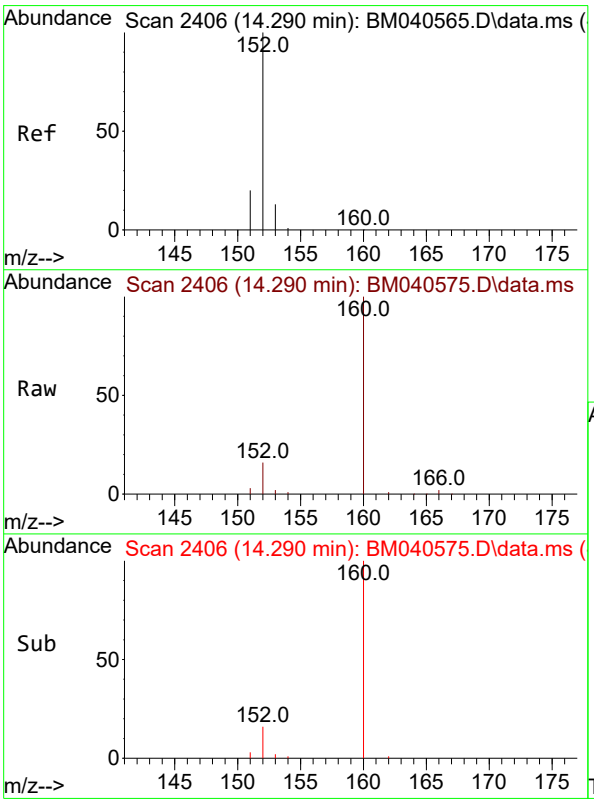
#8
1-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.615 min Scan# 2
Delta R.T. -0.000 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:142 Resp: 3166

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.7	110.5

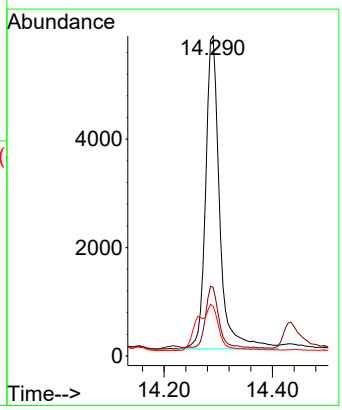


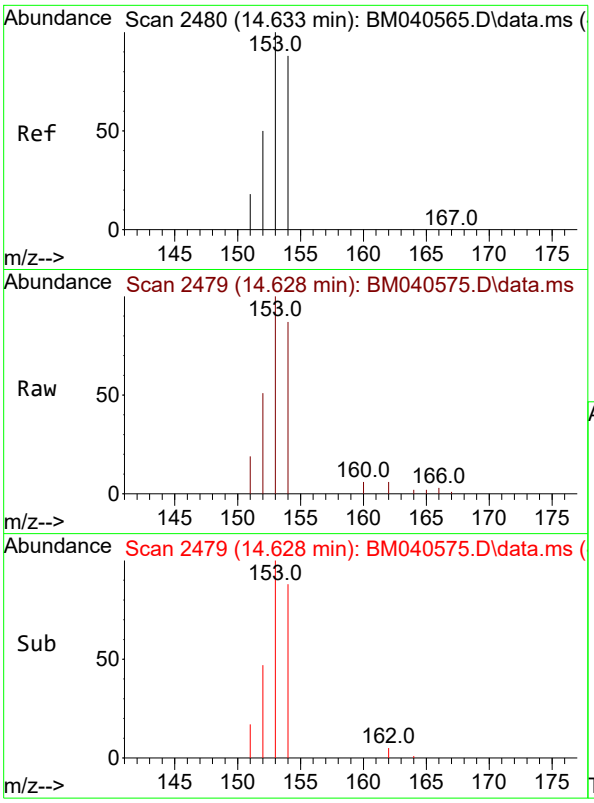


#10
Acenaphthylene
Concen: 0.207 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.000 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Tgt Ion:152 Resp: 10417

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.2	24.2
153	15.6	10.9	16.3



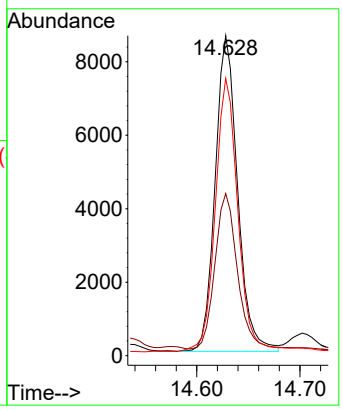


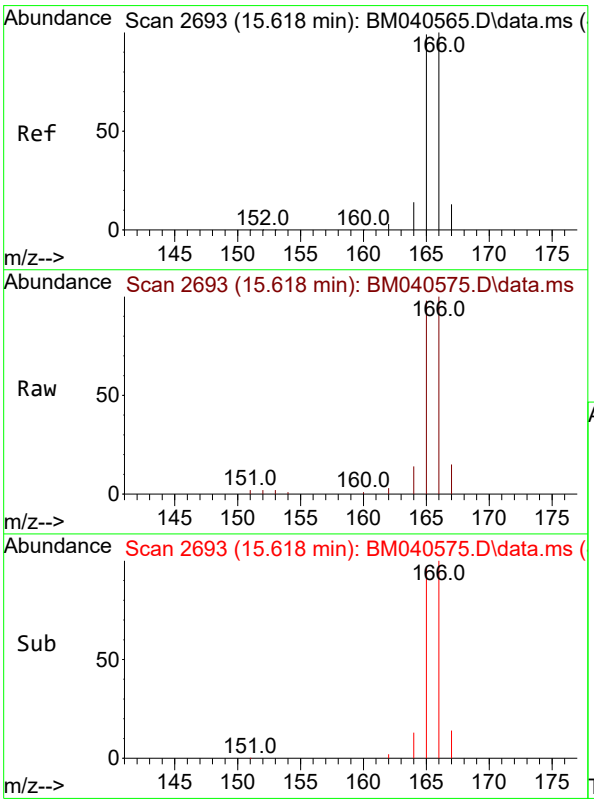
#11
Acenaphthene
Concen: 0.306 ng/ul
RT: 14.628 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:153 Resp: 12980

Ion	Ratio	Lower	Upper
153	100		
152	50.6	41.0	61.4
154	86.7	70.8	106.2

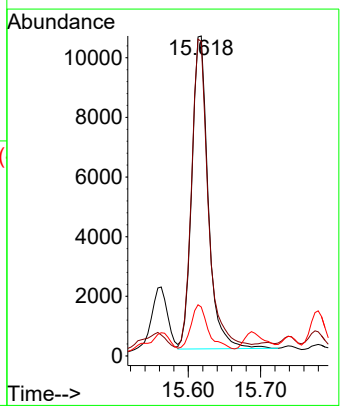


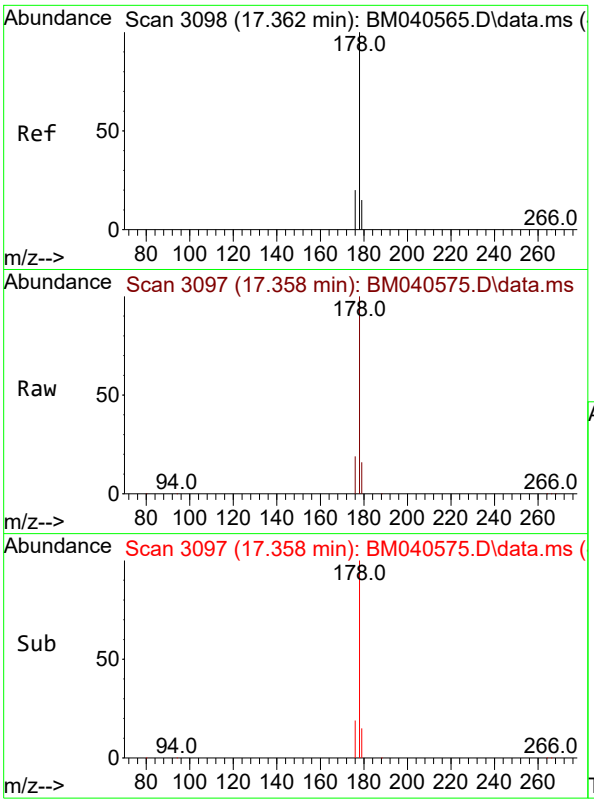


#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.000 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Tgt Ion:166 Resp: 16558

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.6	119.4
167	15.3	11.4	17.0



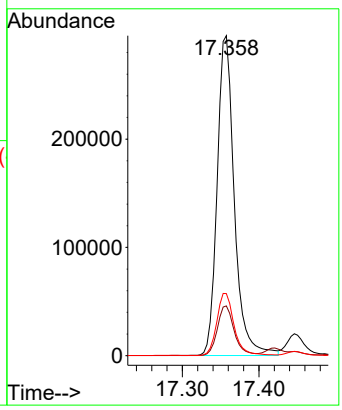


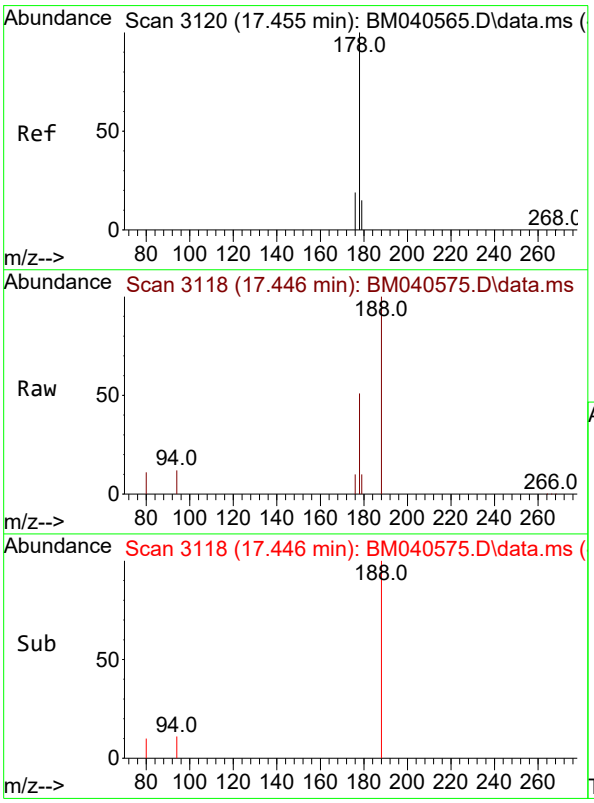
#15
Phenanthrene
Concen: 6.761 ng/ul
RT: 17.358 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:178 Resp: 460204

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.4	16.4	24.6

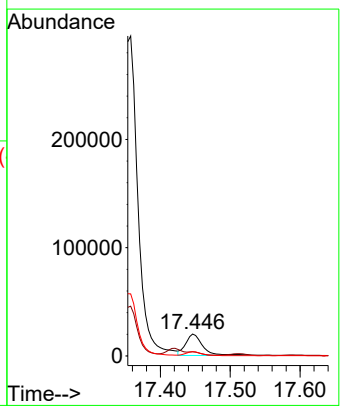


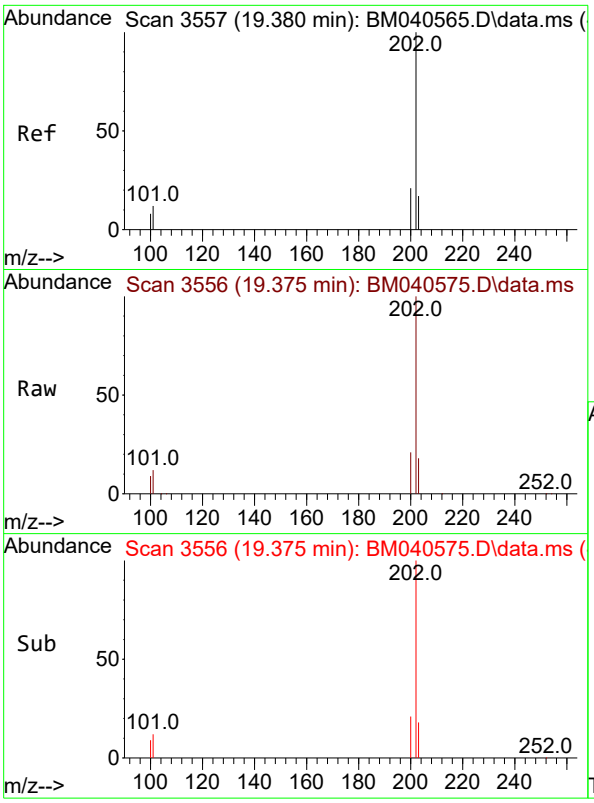


#16
Anthracene
Concen: 0.590 ng/ul
RT: 17.446 min Scan# 3118
Delta R.T. -0.009 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Tgt Ion:178 Resp: 33772

Ion	Ratio	Lower	Upper
178	100		
179	18.8	12.9	19.3
176	19.5	15.8	23.6



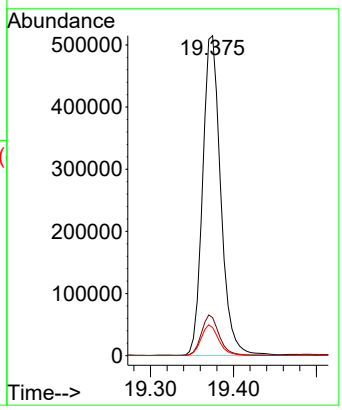


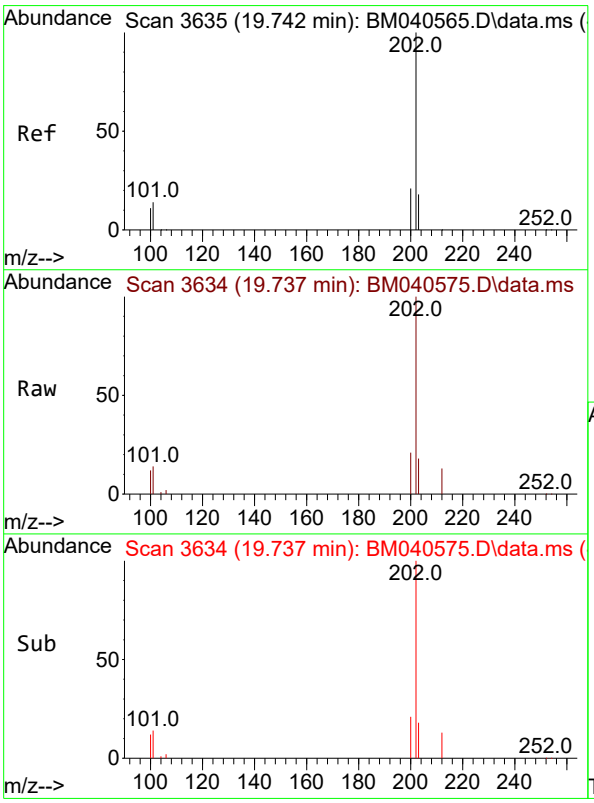
#19
Fluoranthene
Concen: 13.262 ng/ul
RT: 19.375 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:202 Resp: 779829

Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.4	17.0
100	8.8	8.7	13.1

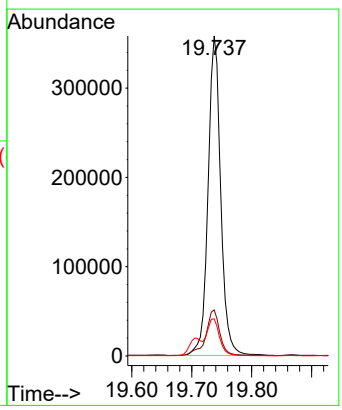


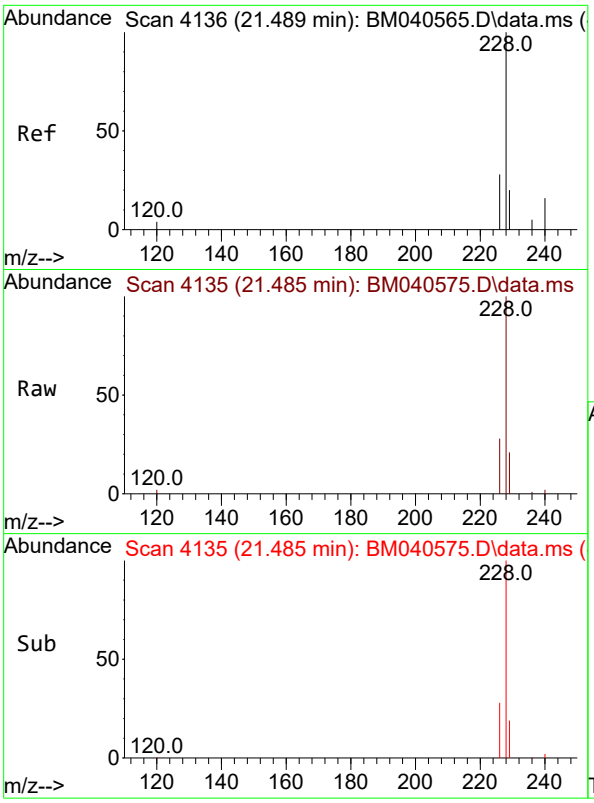


#20
Pyrene
Concen: 8.359 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.005 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Tgt Ion:202 Resp: 526998

Ion	Ratio	Lower	Upper
202	100		
101	14.4	12.6	18.8
100	11.6	9.8	14.6





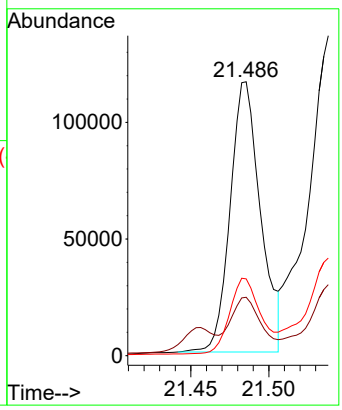
#21
Benzo(a)anthracene
Concen: 3.355 ng/ul
RT: 21.485 min Scan# 4

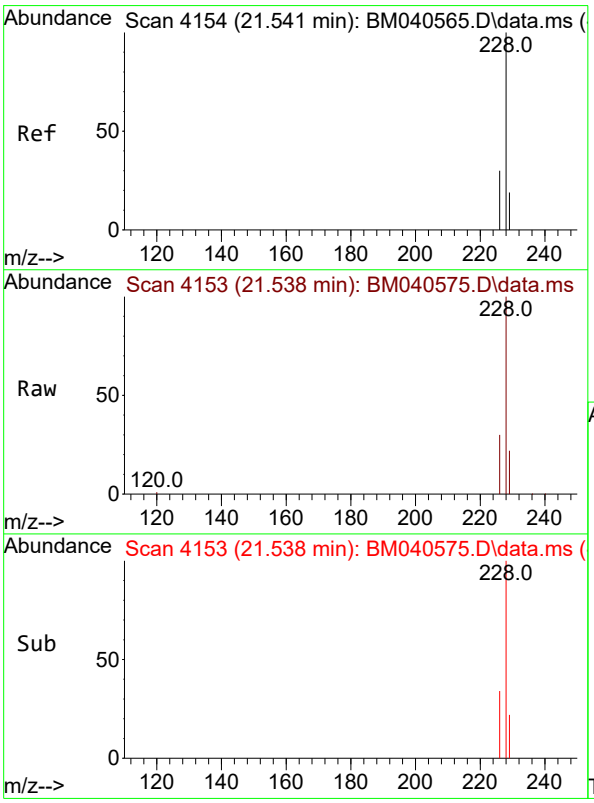
Instrument :
BNA_M
ClientSampleId :
DCGG3

Delta R.T. -0.003 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Tgt Ion:228 Resp: 157113

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.0	24.0
226	28.0	22.3	33.5

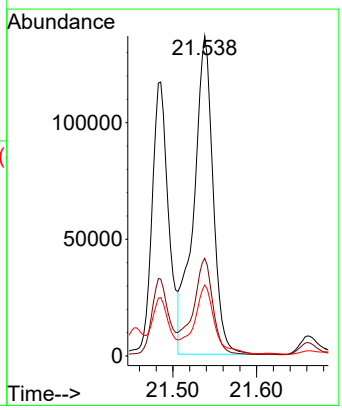


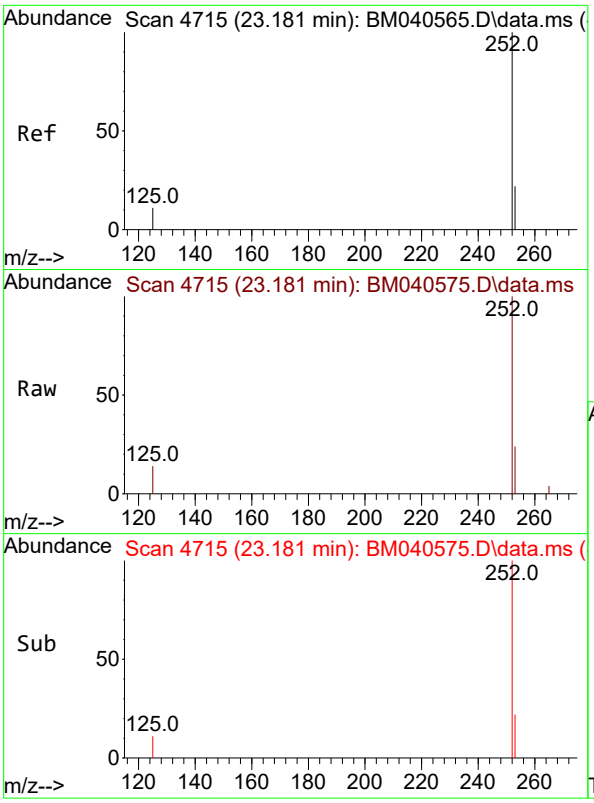


#22
Chrysene
Concen: 4.104 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.003 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Tgt Ion:228 Resp: 219199

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	22.2	15.8	23.6



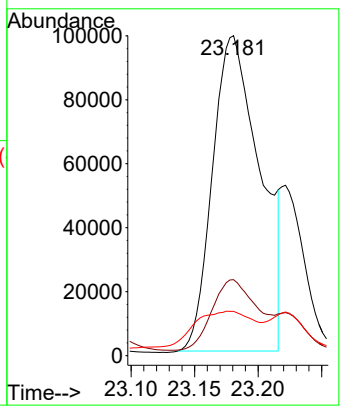


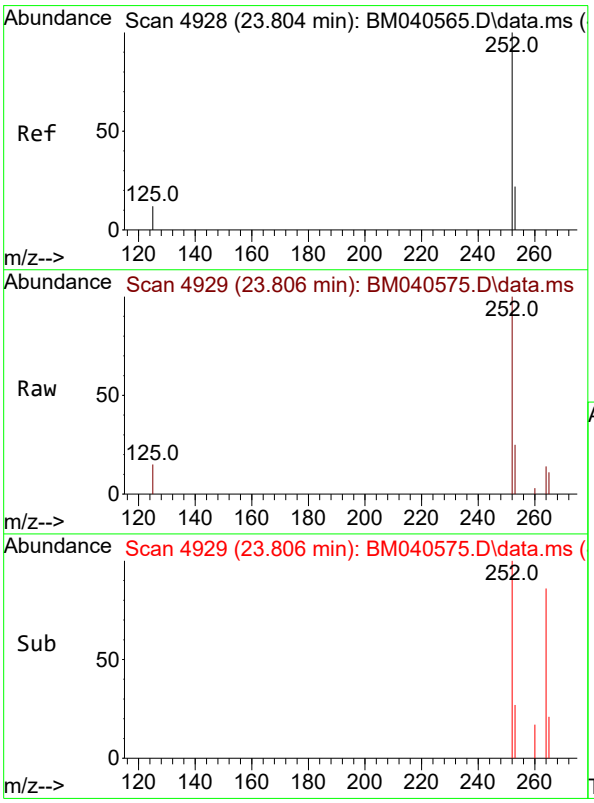
#24
Benzo(b)fluoranthene
Concen: 4.632 ng/ul
RT: 23.181 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:252 Resp: 255921

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	52.8
125	13.9	0.0	43.0

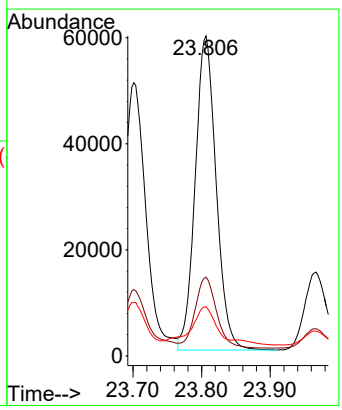


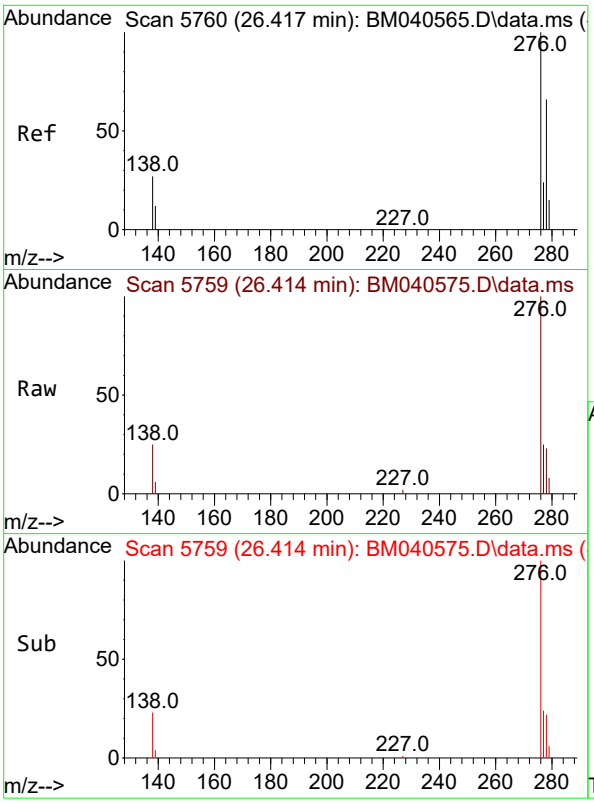


#26
Benzo(a)pyrene
Concen: 2.527 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. 0.003 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Tgt Ion:252 Resp: 125792

Ion	Ratio	Lower	Upper
252	100		
253	24.6	22.9	34.3
125	15.4	21.0	31.4#



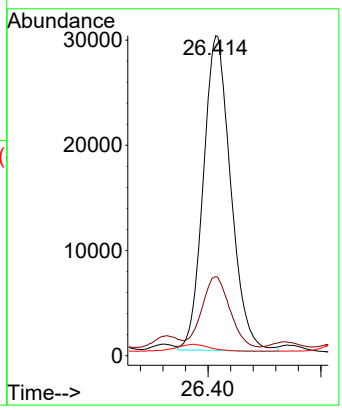


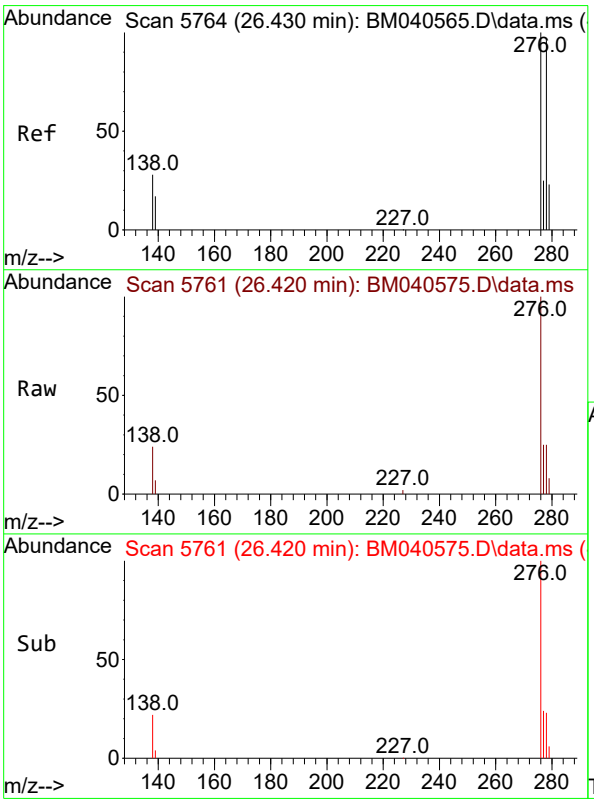
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.455 ng/ul
RT: 26.414 min Scan# 5
Delta R.T. -0.003 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:276 Resp: 100891

Ion	Ratio	Lower	Upper
276	100		
138	22.6	24.5	36.7#
227	0.0	0.1	0.1#

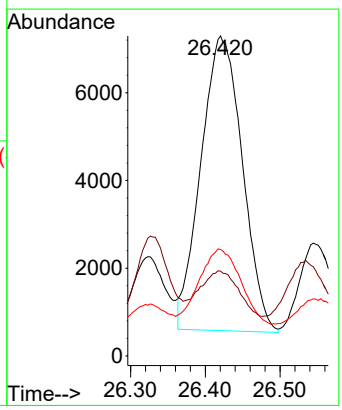


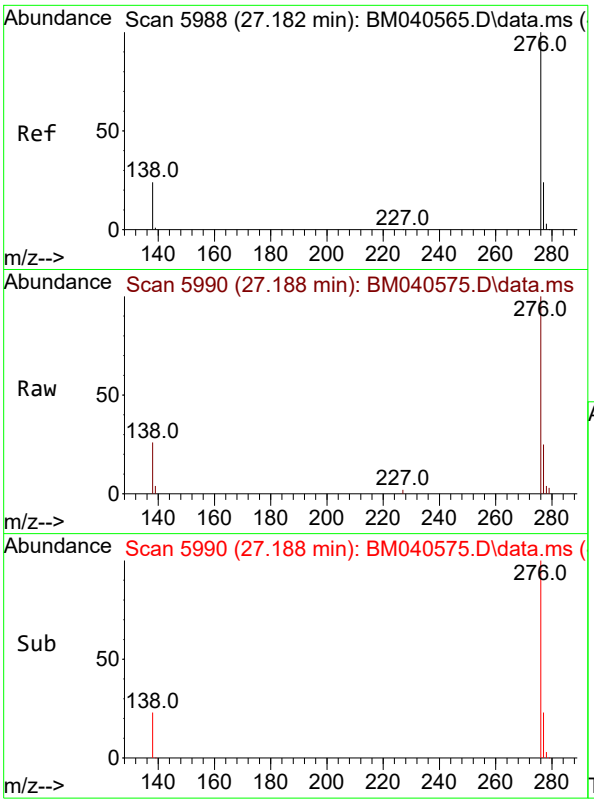


#28
Dibenzo(a,h)anthracene
Concen: 0.477 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. -0.010 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Tgt Ion:278 Resp: 25865

Ion	Ratio	Lower	Upper
278	100		
139	26.5	17.9	26.9
279	33.2	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 1.454 ng/ul
RT: 27.188 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM040575.D
Acq: 03 Jul 2023 14:57

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:276 Resp: 88316

Ion	Ratio	Lower	Upper
276	100		
138	26.1	23.0	34.6
277	24.5	20.3	30.5