Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040562.D
Acq On : 03 Jul 2023 05:19
Operator : MA/JU
Sample : 03245-07
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCGG5

Quant Time: Jul 03 06:51:04 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	10039	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.734	136	37132	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.568	164	20883	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	41846	0.400	ng/ul	-0.01
17) Chrysene-d12	21.500	240	22135	0.400	ng/ul	0.00
23) Perylene-d12	23.914	264	20631	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	69886	4.432	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	17272	0.332	ng/ul	-0.01
18) Fluoranthene-d10	19.342	212	31711	0.447	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.783	128	12484	0.122	ng/ul#	95
7) 2-Methylnaphthalene	12.395	142	4415	0.073	ng/ul	98
8) 1-Methylnaphthalene	12.615	142	2489	0.041	ng/ul	99
10) Acenaphthylene	14.290	152	47750	0.512	ng/ul	100
11) Acenaphthene	14.632	153	3691	0.047	ng/ul	97
12) Fluorene	15.618	166	4301	0.051	ng/ul#	96
15) Phenanthrene	17.357	178	90858	0.699	ng/ul	99
16) Anthracene	17.450	178	40853	0.374	ng/ul	99
19) Fluoranthene	19.375	202	371952	3.956	ng/ul	95
20) Pyrene	19.737	202	292799	2.905	ng/ul	99
21) Benzo(a)anthracene	21.485	228	170191	2.273	ng/ul	98
22) Chrysene	21.538	228	166550	1.950	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	269848	3.380	ng/ul	90
26) Benzo(a)pyrene	23.806	252	134462	1.870	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.420	276	137469	1.372	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.427	278	34788	0.444	ng/ul#	90
29) Benzo(g,h,i)perylene	27.195	276	119113	1.357	ng/ul	99

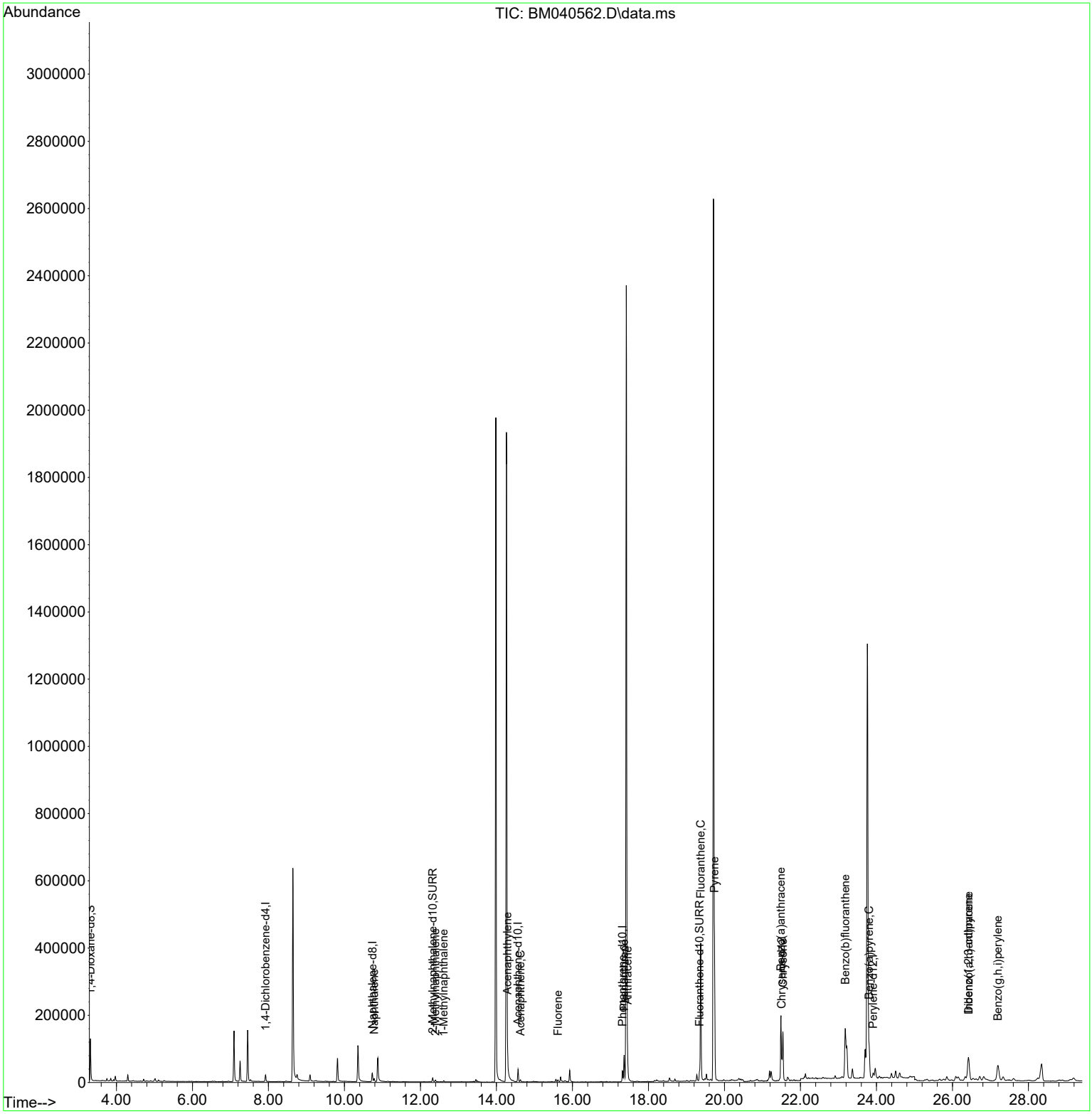
(#) = qualifier out of range (m) = manual integration (+) = signals summed

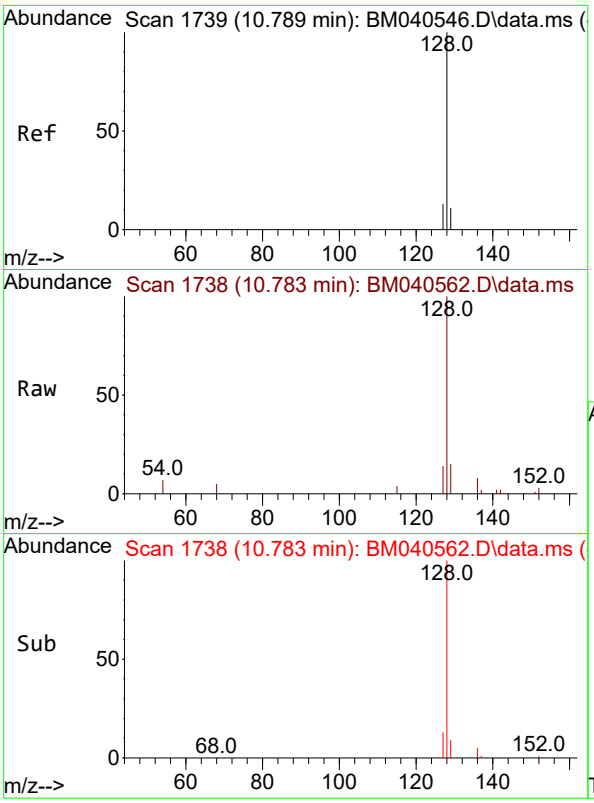
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040562.D
Acq On : 03 Jul 2023 05:19
Operator : MA/JU
Sample : 03245-07
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCGG5

Quant Time: Jul 03 06:51:04 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



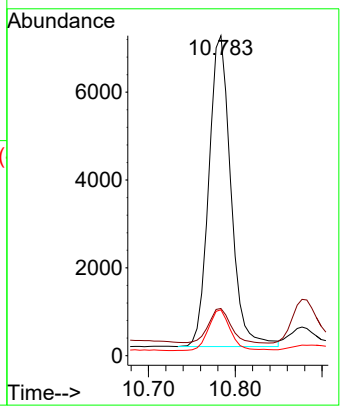


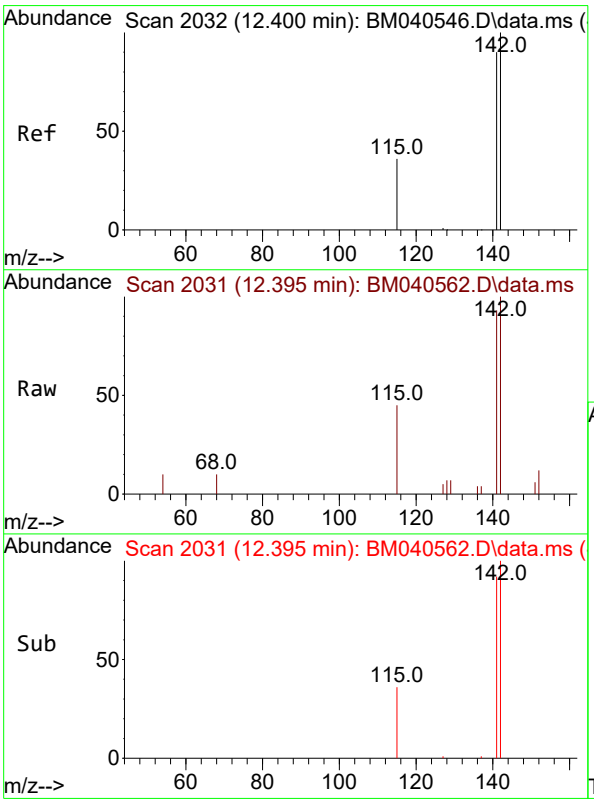
#5
Naphthalene
Concen: 0.122 ng/ul
RT: 10.783 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Instrument :
BNA_M
ClientSampleId :
DCGG5

Tgt Ion:128 Resp: 12484

Ion	Ratio	Lower	Upper
128	100		
129	14.7	9.2	13.8#
127	14.3	10.6	15.8

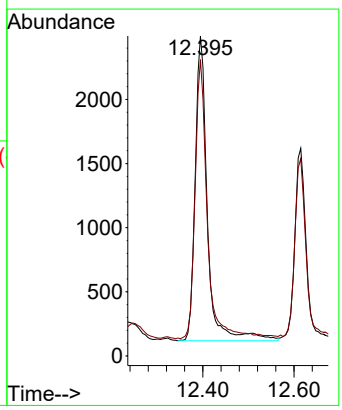


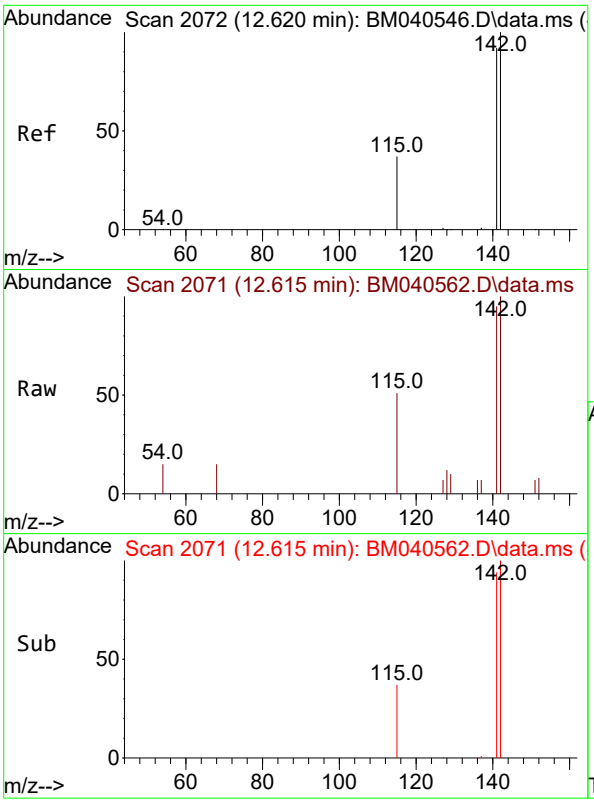


#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Tgt Ion:142 Resp: 4415

Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.9	107.9



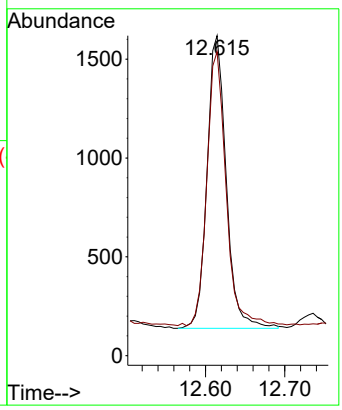


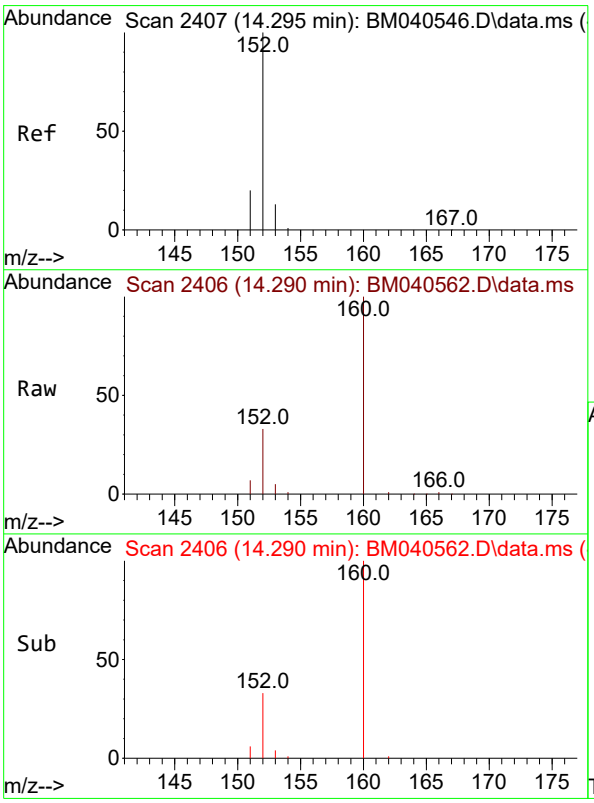
#8
1-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.615 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Instrument :
BNA_M
ClientSampleId :
DCGG5

Tgt Ion:142 Resp: 2489

Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.7	110.5

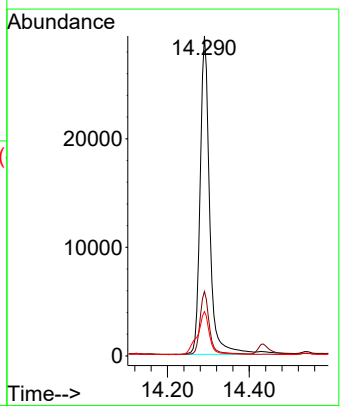


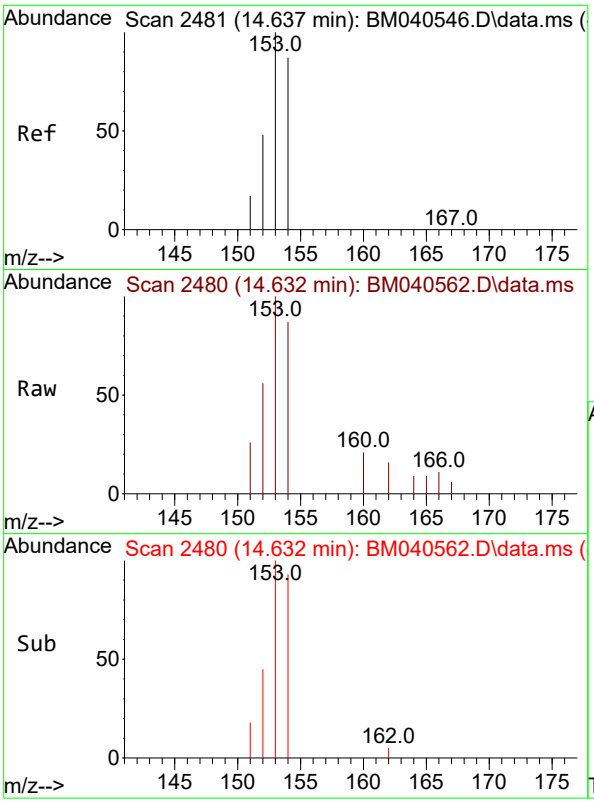


#10
Acenaphthylene
Concen: 0.512 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Tgt Ion:152 Resp: 47750

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	13.9	10.9	16.3



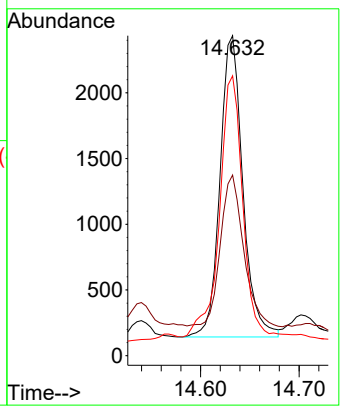


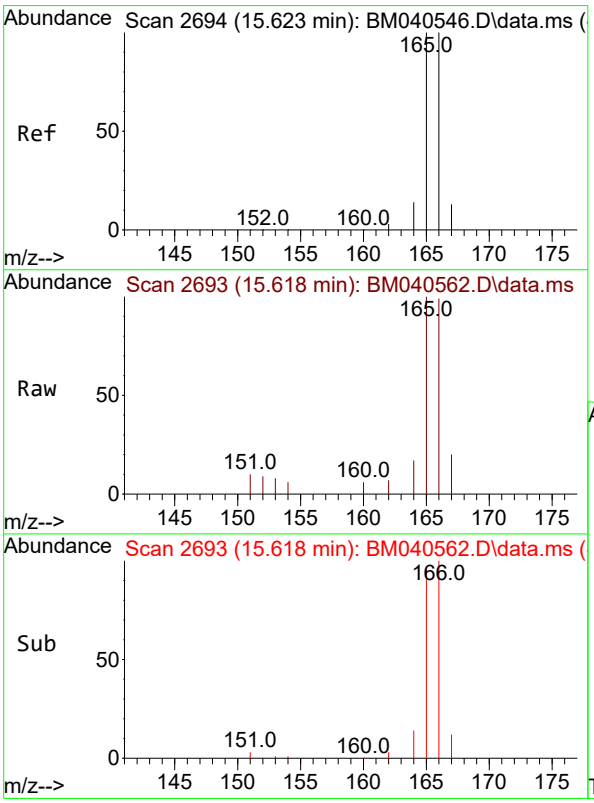
#11
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.632 min Scan# 24
Delta R.T. -0.009 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Instrument :
BNA_M
ClientSampleId :
DCGG5

Tgt Ion:153 Resp: 3691

Ion	Ratio	Lower	Upper
153	100		
152	56.5	41.0	61.4
154	87.5	70.8	106.2

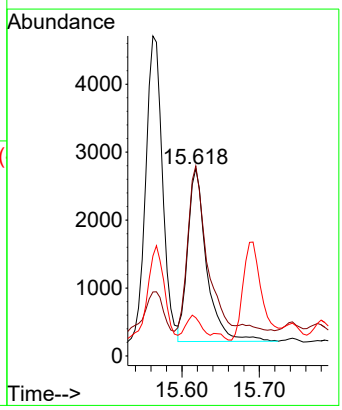


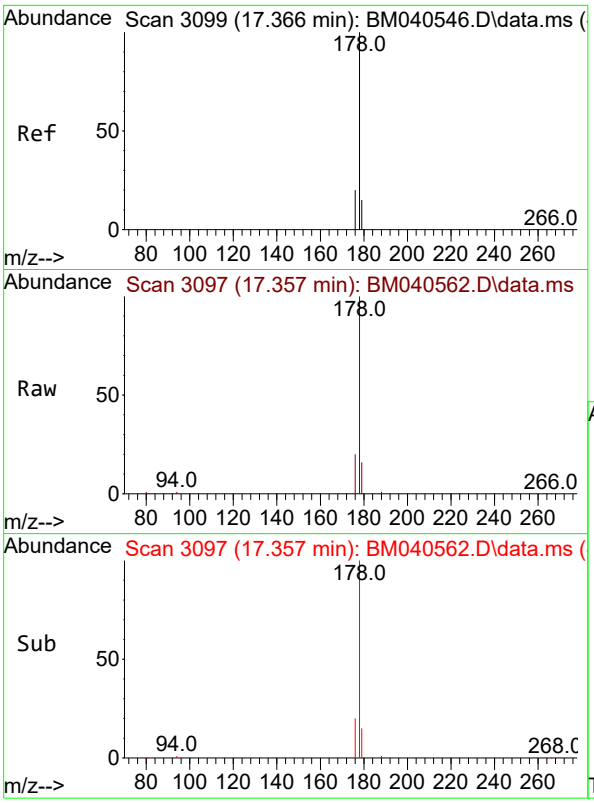


#12
Fluorene
Concen: 0.051 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.014 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Tgt Ion:166 Resp: 4301

Ion	Ratio	Lower	Upper
166	100		
165	101.5	79.6	119.4
167	20.4	11.4	17.0#



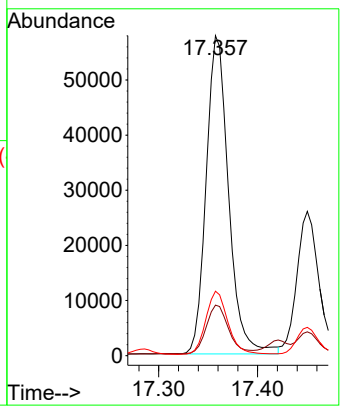


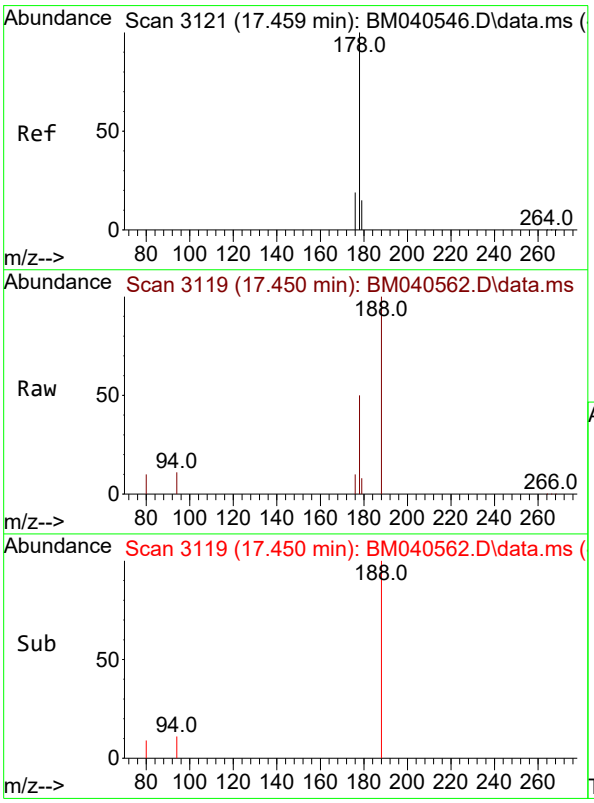
#15
Phenanthrene
Concen: 0.699 ng/ul
RT: 17.357 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Instrument :
BNA_M
ClientSampleId :
DCGG5

Tgt Ion:178 Resp: 90858

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	20.1	16.4	24.6

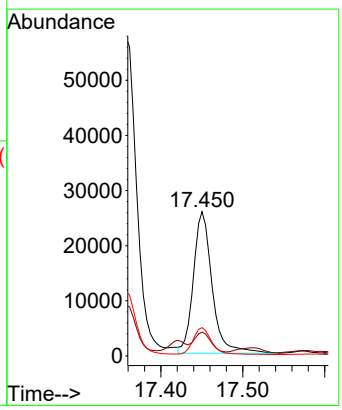


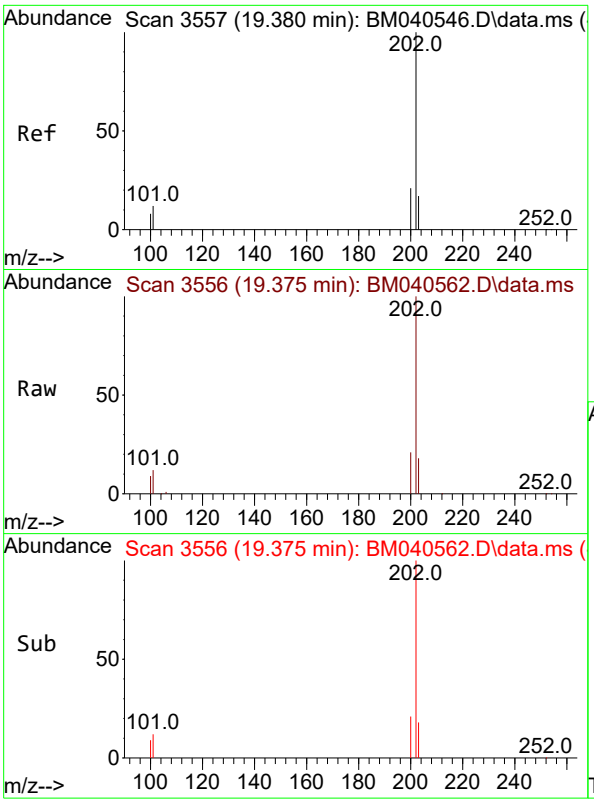


#16
Anthracene
Concen: 0.374 ng/ul
RT: 17.450 min Scan# 3119
Delta R.T. -0.013 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Tgt Ion:178 Resp: 40853

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.9	19.3
176	19.6	15.8	23.6



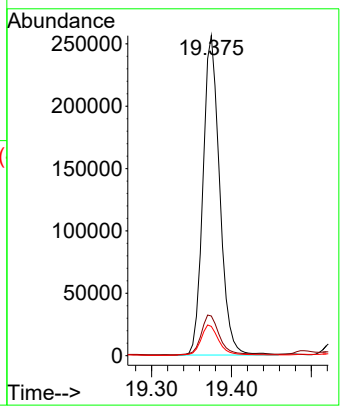


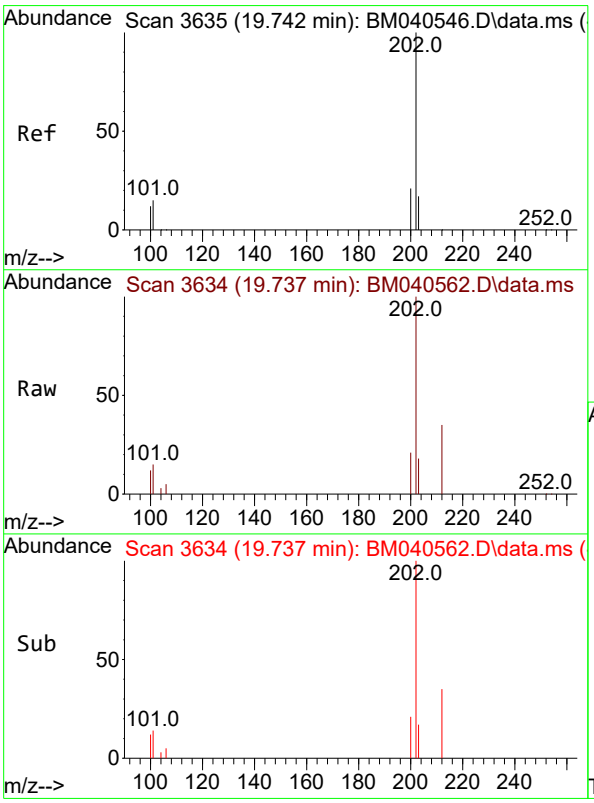
#19
Fluoranthene
Concen: 3.956 ng/ul
RT: 19.375 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Instrument :
BNA_M
ClientSampleId :
DCGG5

Tgt Ion:202 Resp: 371952

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.4	17.0
100	9.1	8.7	13.1

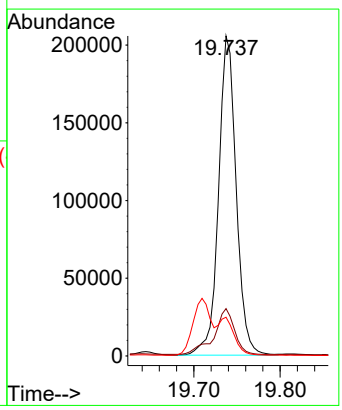


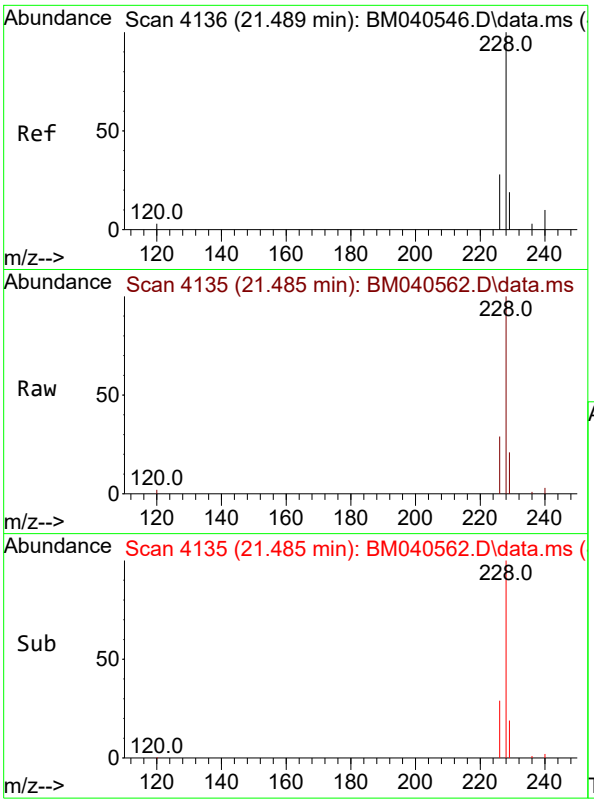


#20
Pyrene
Concen: 2.905 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.009 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Tgt Ion:202 Resp: 292799

Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.6	18.8
100	12.1	9.8	14.6



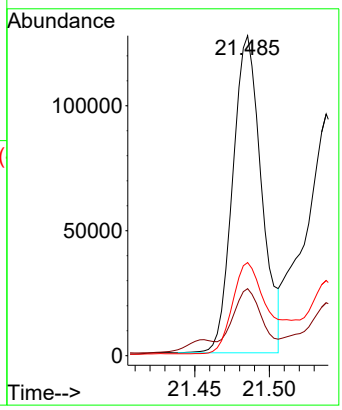


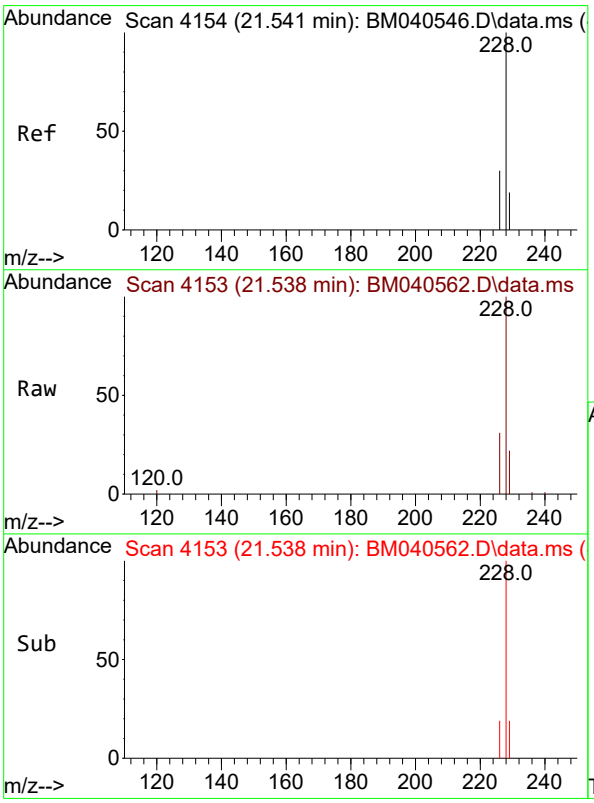
#21
Benzo(a)anthracene
Concen: 2.273 ng/ul
RT: 21.485 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Instrument :
BNA_M
ClientSampleId :
DCGG5

Tgt Ion:228 Resp: 170191

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.0	24.0
226	29.1	22.3	33.5

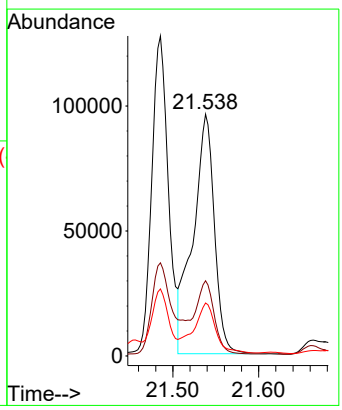


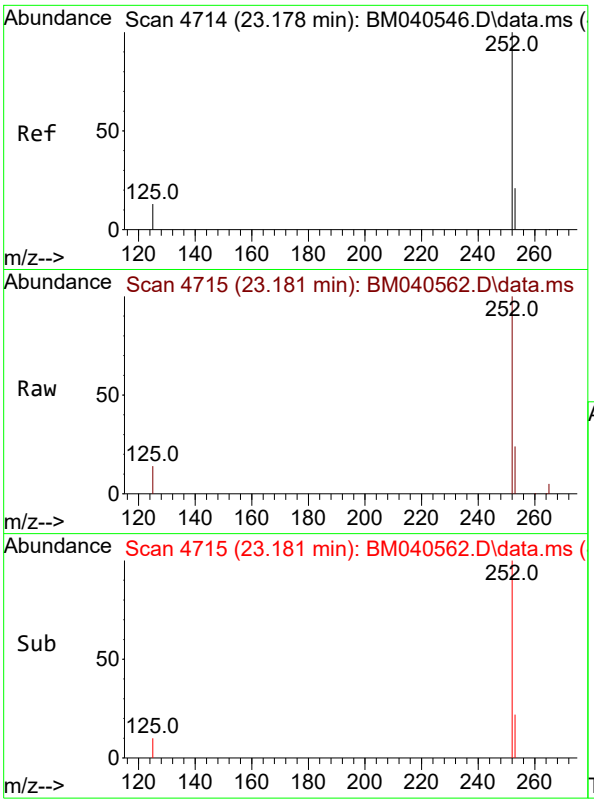


#22
Chrysene
Concen: 1.950 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Tgt Ion:228 Resp: 166550

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	21.9	15.8	23.6



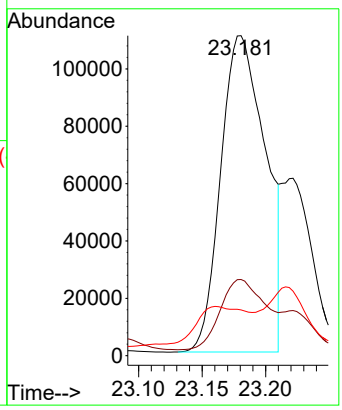


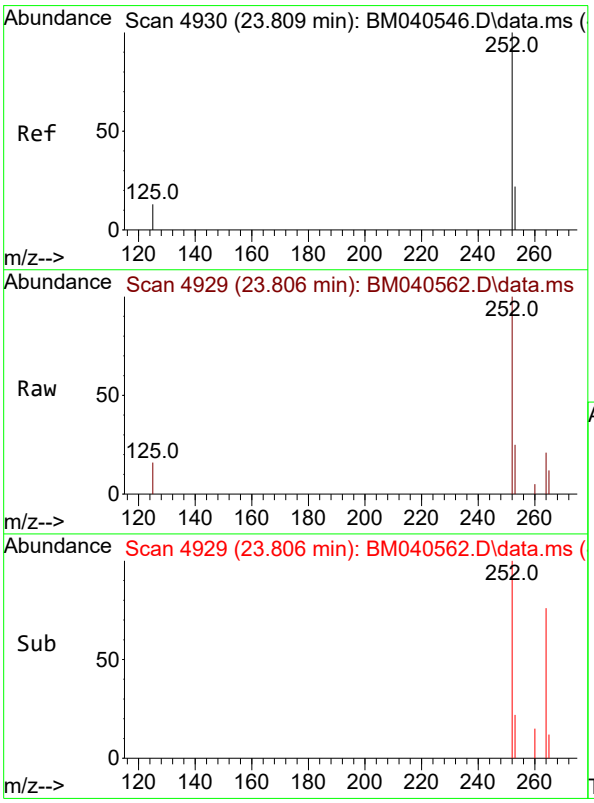
#24
Benzo(b)fluoranthene
Concen: 3.380 ng/ul
RT: 23.181 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Instrument :
BNA_M
ClientSampleId :
DCGG5

Tgt Ion:252 Resp: 269848

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	52.8
125	14.3	0.0	43.0

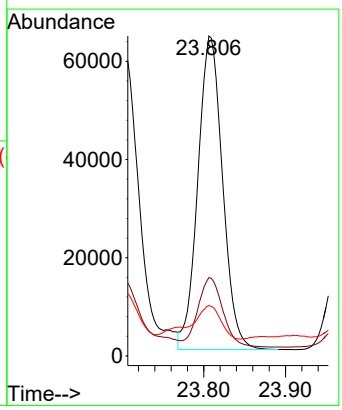


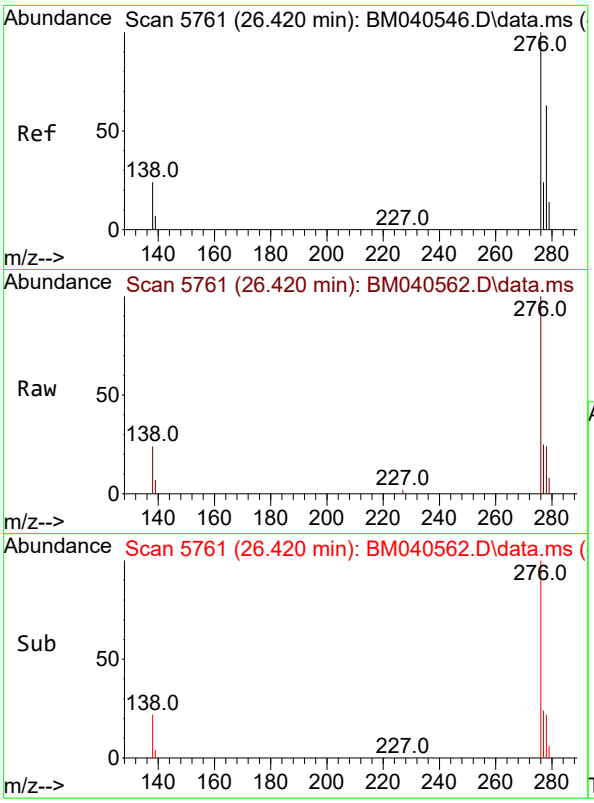


#26
Benzo(a)pyrene
Concen: 1.870 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Tgt Ion:252 Resp: 134462

Ion	Ratio	Lower	Upper
252	100		
253	24.5	22.9	34.3
125	15.8	21.0	31.4#



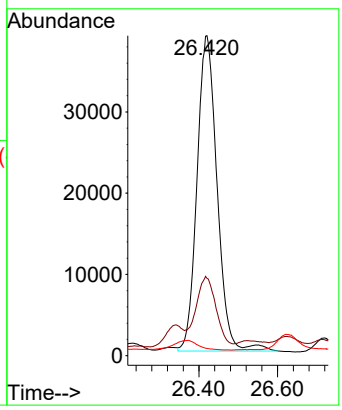


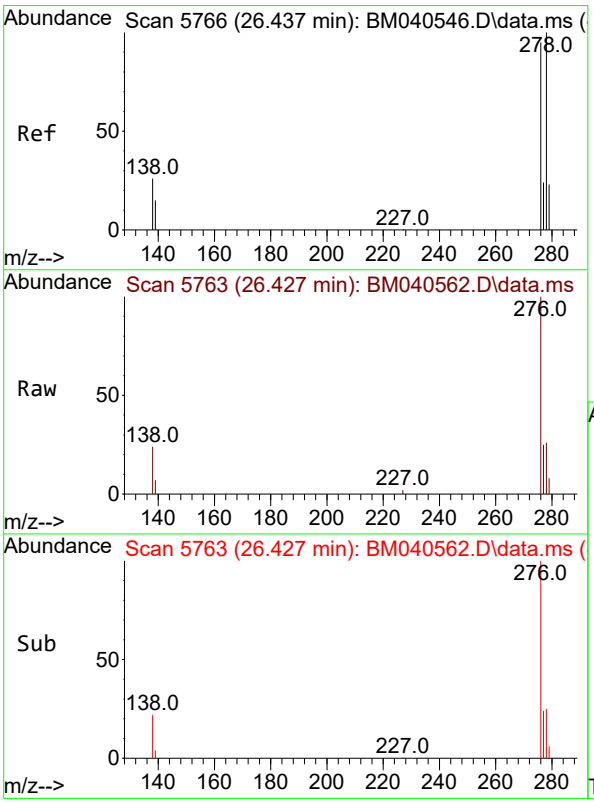
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.372 ng/ul
RT: 26.420 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Instrument :
BNA_M
ClientSampleId :
DCGG5

Tgt Ion:276 Resp: 137469

Ion	Ratio	Lower	Upper
276	100		
138	20.4	24.5	36.7#
227	0.0	0.1	0.1#

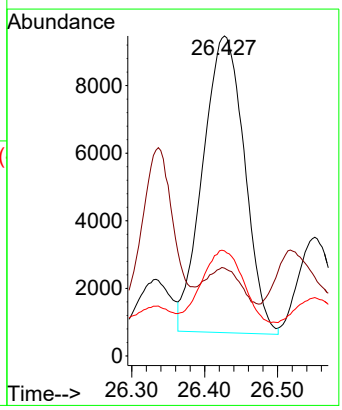


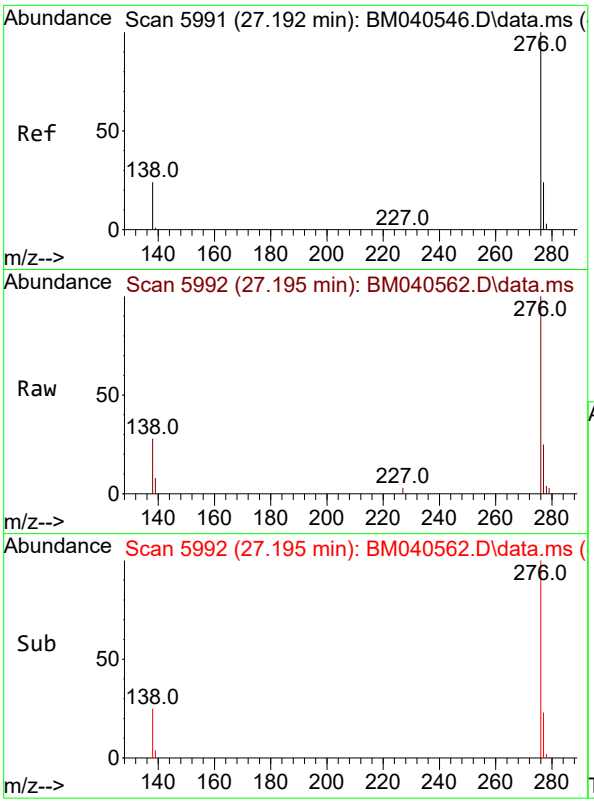


#28
Dibenzo(a,h)anthracene
Concen: 0.444 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.010 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Tgt Ion:278 Resp: 34788

Ion	Ratio	Lower	Upper
278	100		
139	27.5	17.9	26.9#
279	32.9	22.0	33.0





#29
Benzo(g,h,i)perylene
Concen: 1.357 ng/ul
RT: 27.195 min Scan# 5
Delta R.T. 0.010 min
Lab File: BM040562.D
Acq: 03 Jul 2023 05:19

Instrument :
BNA_M
ClientSampleId :
DCGG5

Tgt Ion:276 Resp: 119113

Ion	Ratio	Lower	Upper
276	100		
138	28.3	23.0	34.6
277	24.8	20.3	30.5