Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040560.D
Acq On : 03 Jul 2023 04:06
Operator : MA/JU
Sample : 03245-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCGG3

Quant Time: Jul 03 06:50:43 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	7.924	152	9865	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.734	136	31929	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.568	164	16793	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	31238	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.503	240	19010	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	20168	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	22850	1.475	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	5570	0.124	ng/ul	-0.01
18) Fluoranthene-d10	19.342	212	7484	0.123	ng/ul	-0.01
Target Compounds						Qvalue
5) Naphthalene	10.784	128	2702	0.031	ng/ul#	78
7) 2-Methylnaphthalene	12.395	142	1767	0.034	ng/ul	97
8) 1-Methylnaphthalene	12.615	142	1319	0.026	ng/ul	95
10) Acenaphthylene	14.290	152	2394	0.032	ng/ul#	79
11) Acenaphthene	14.628	153	1917	0.030	ng/ul	92
12) Fluorene	15.618	166	1823	0.027	ng/ul#	93
15) Phenanthrene	17.358	178	41025	0.423	ng/ul	100
16) Anthracene	17.450	178	7839	0.096	ng/ul#	91
19) Fluoranthene	19.375	202	106220	1.315	ng/ul	99
20) Pyrene	19.737	202	80001	0.924	ng/ul	99
21) Benzo(a)anthracene	21.486	228	47543	0.739	ng/ul	97
22) Chrysene	21.538	228	47130	0.643	ng/ul	96
24) Benzo(b)fluoranthene	23.181	252	80795	1.035	ng/ul	100
26) Benzo(a)pyrene	23.806	252	45058	0.641	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.420	276	43133	0.441	ng/ul#	80
28) Dibenzo(a,h)anthracene	26.427	278	11291	0.147	ng/ul#	63
29) Benzo(g,h,i)perylene	27.202	276	38655	0.450	ng/ul	96

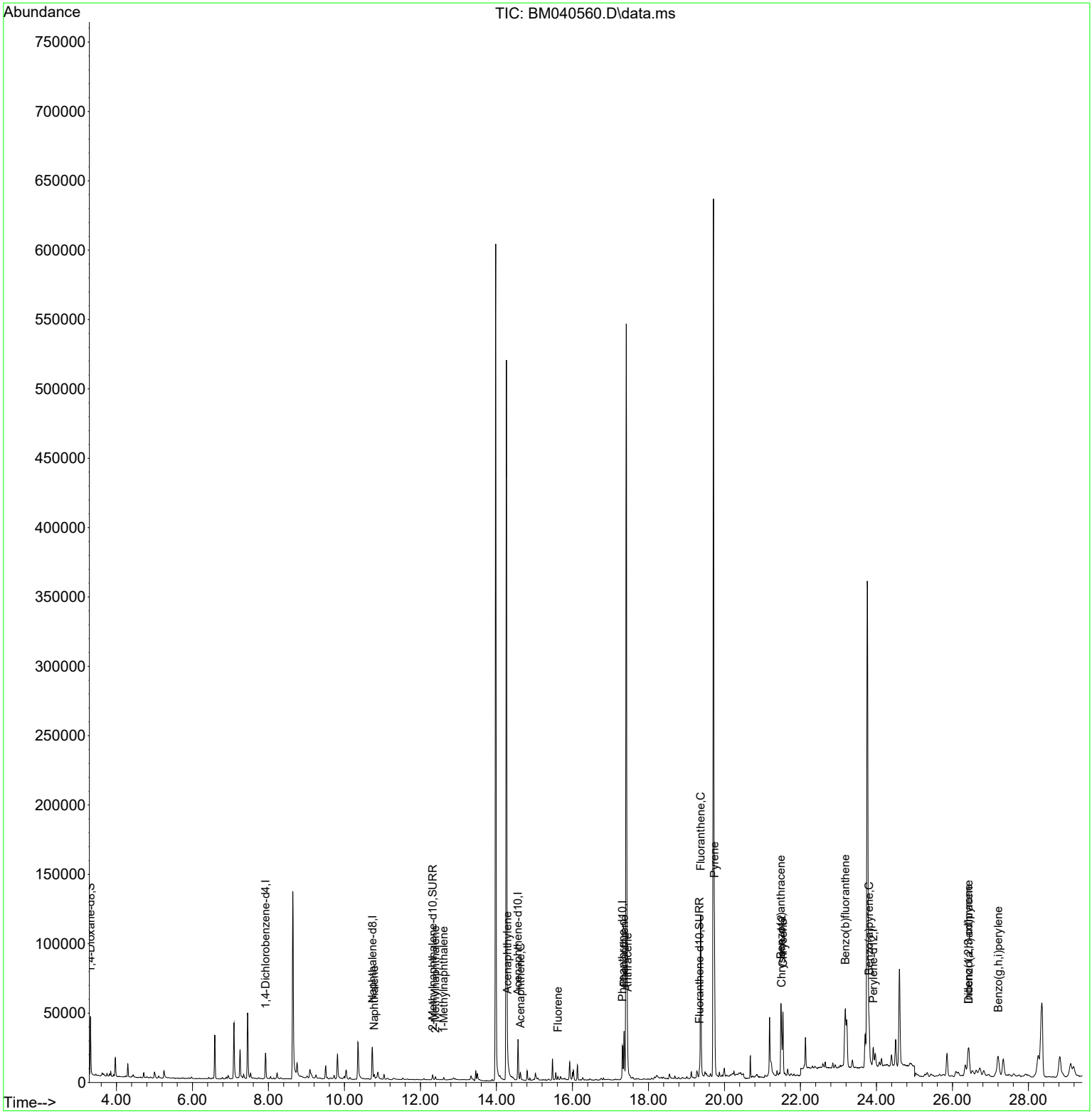
(#) = qualifier out of range (m) = manual integration (+) = signals summed

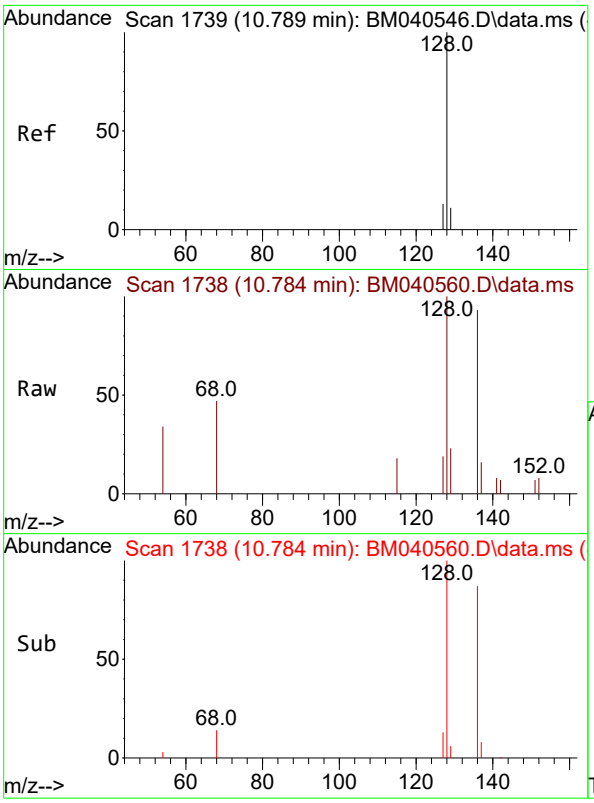
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040560.D
Acq On : 03 Jul 2023 04:06
Operator : MA/JU
Sample : 03245-05
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCGG3

Quant Time: Jul 03 06:50:43 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



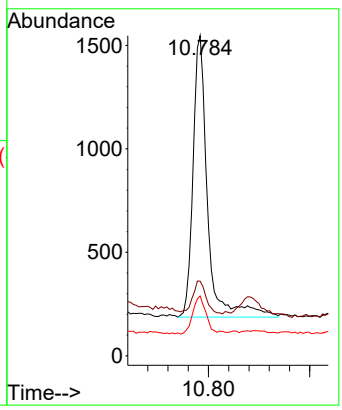


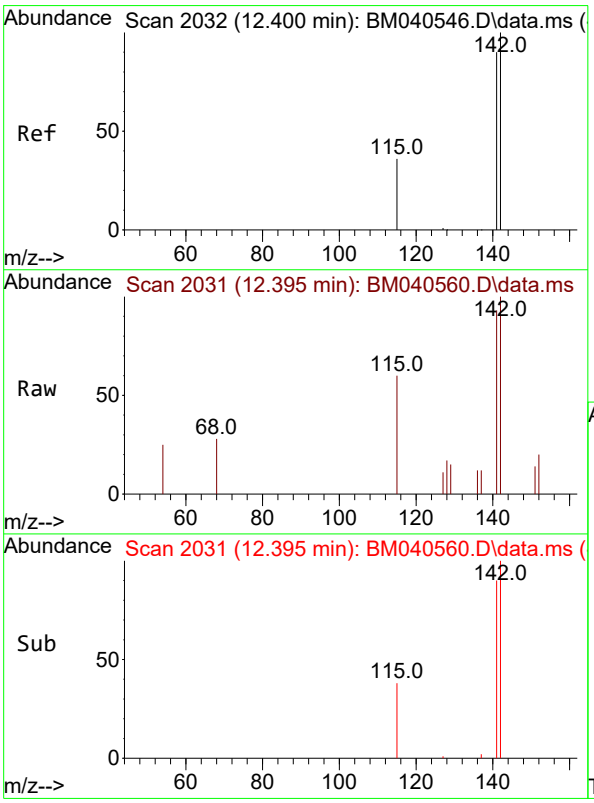
#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.784 min Scan# 1
Delta R.T. -0.011 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:128 Resp: 2702

Ion	Ratio	Lower	Upper
128	100		
129	23.3	9.2	13.8#
127	18.7	10.6	15.8#

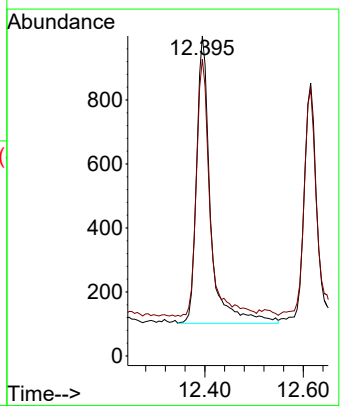


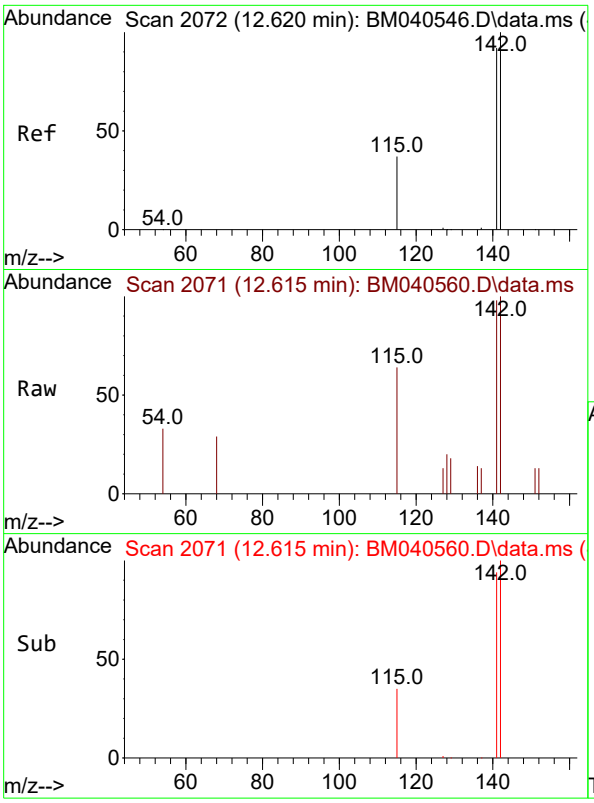


#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Tgt Ion:142 Resp: 1767

Ion	Ratio	Lower	Upper
142	100		
141	86.7	71.9	107.9



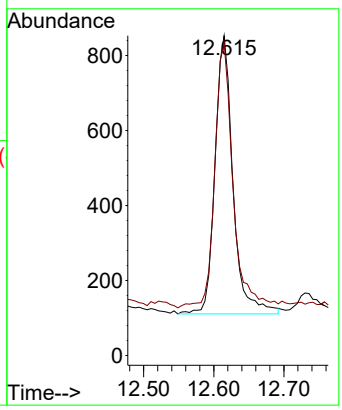


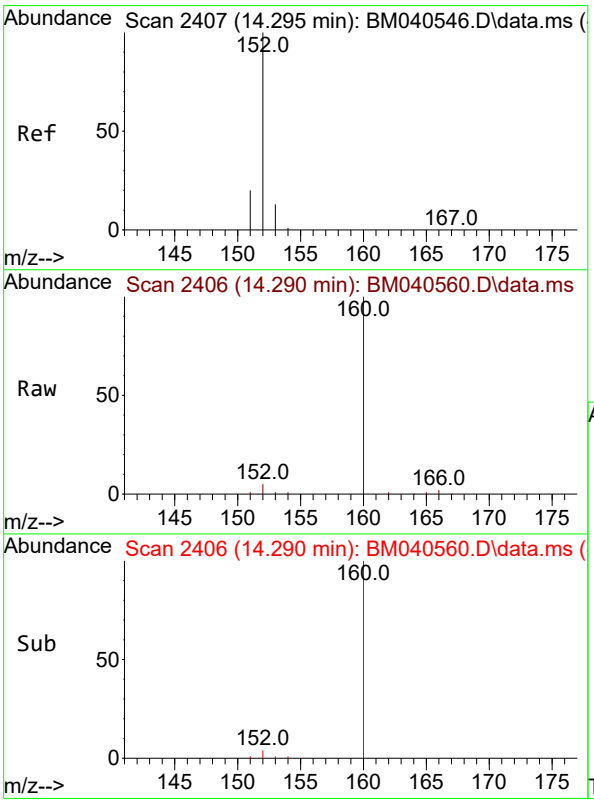
#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.615 min Scan# 2
Delta R.T. -0.011 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:142 Resp: 1319

Ion	Ratio	Lower	Upper
142	100		
141	96.6	73.7	110.5

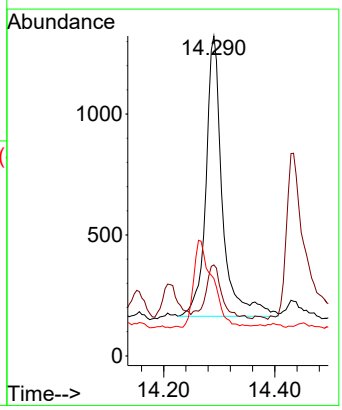


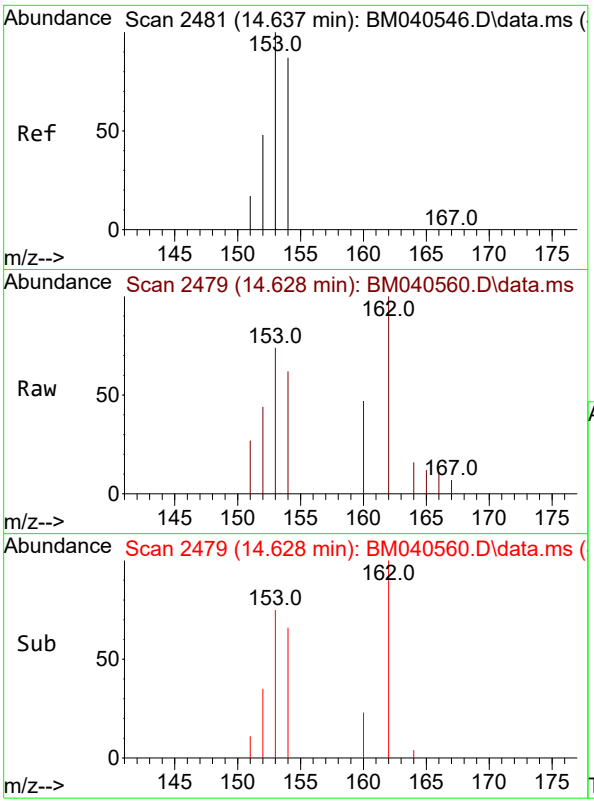


#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.290 min Scan# 2406
Delta R.T. -0.009 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Tgt Ion:152 Resp: 2394

Ion	Ratio	Lower	Upper
152	100		
151	28.4	16.2	24.2#
153	24.2	10.9	16.3#



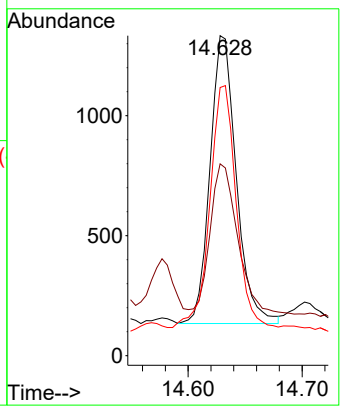


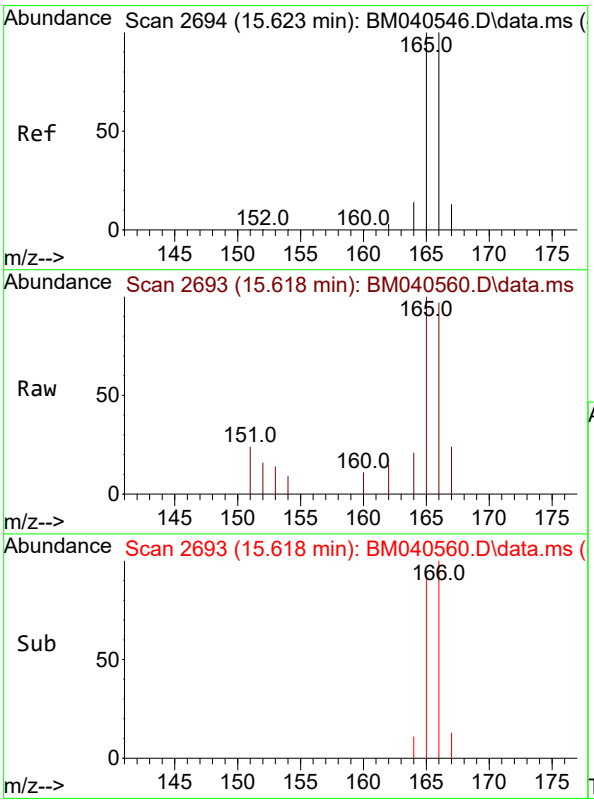
#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.628 min Scan# 24
Delta R.T. -0.014 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:153 Resp: 1917

Ion	Ratio	Lower	Upper
153	100		
152	59.9	41.0	61.4
154	83.8	70.8	106.2

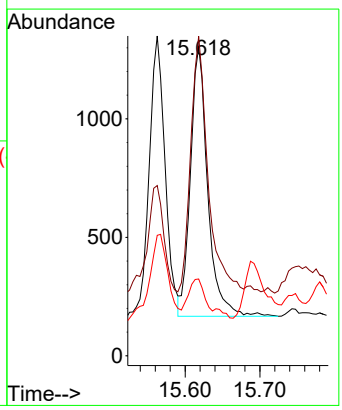


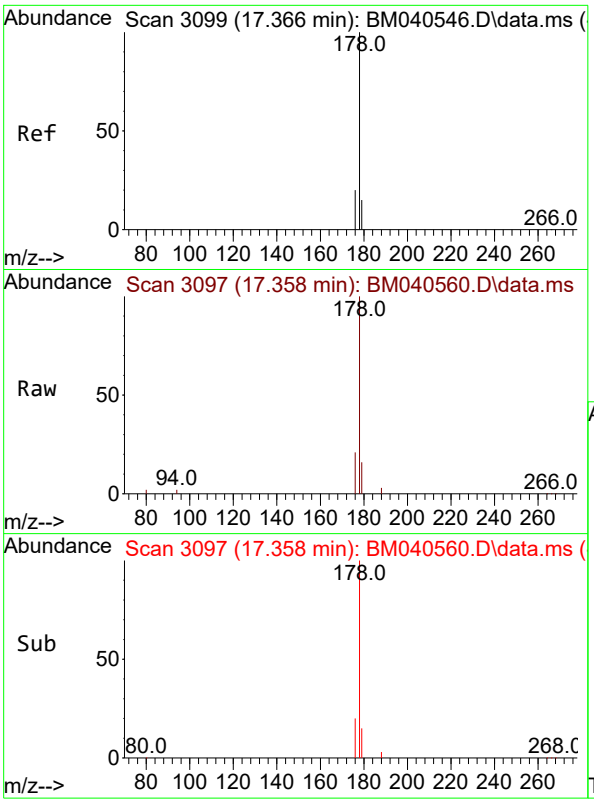


#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.014 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Tgt Ion:166 Resp: 1823

Ion	Ratio	Lower	Upper
166	100		
165	103.5	79.6	119.4
167	24.8	11.4	17.0#



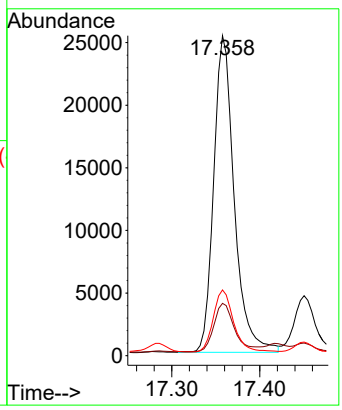


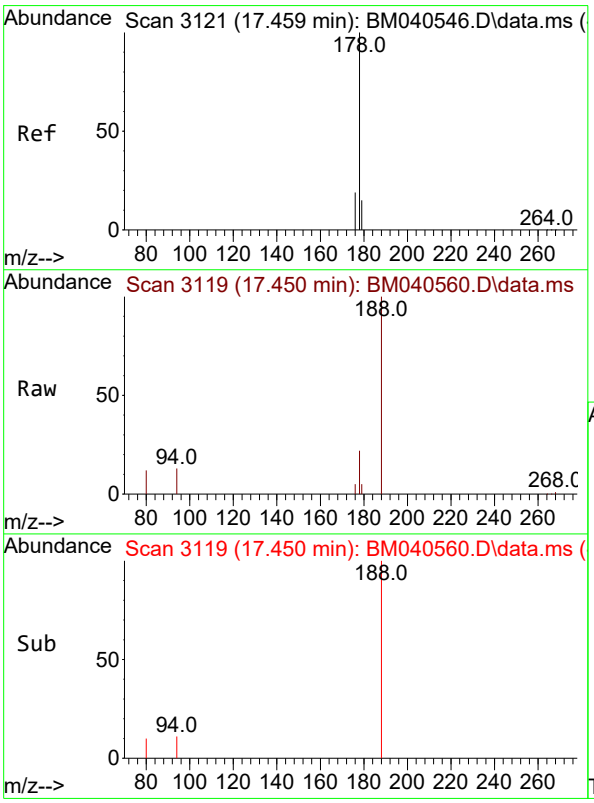
#15
Phenanthrene
Concen: 0.423 ng/ul
RT: 17.358 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:178 Resp: 41025

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	20.6	16.4	24.6

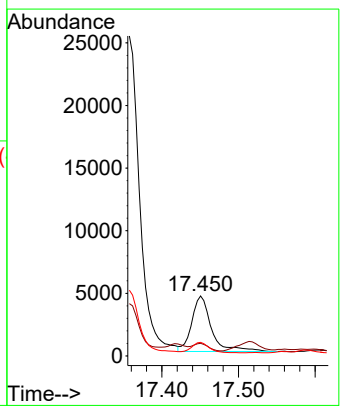


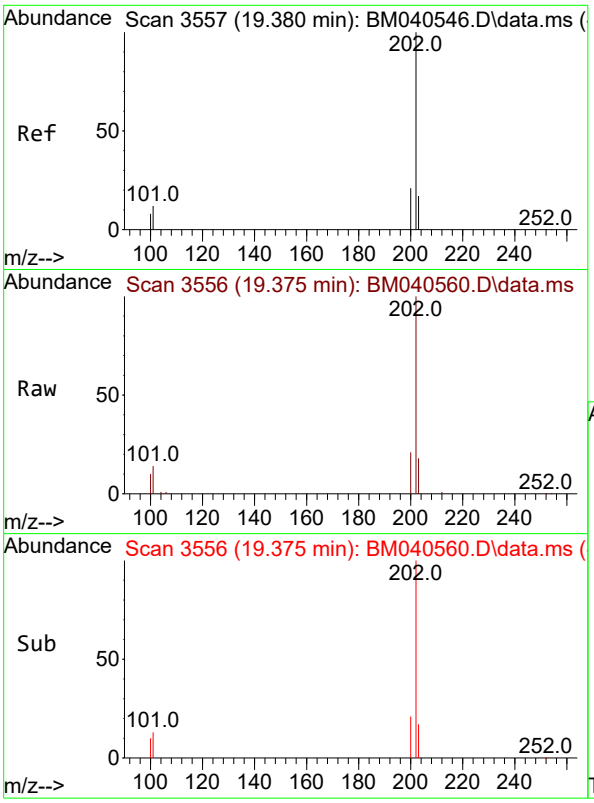


#16
Anthracene
Concen: 0.096 ng/ul
RT: 17.450 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Tgt Ion:178 Resp: 7839

Ion	Ratio	Lower	Upper
178	100		
179	21.0	12.9	19.3#
176	22.8	15.8	23.6



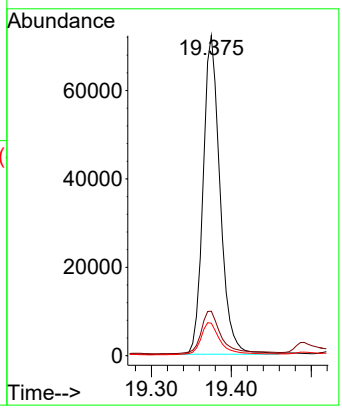


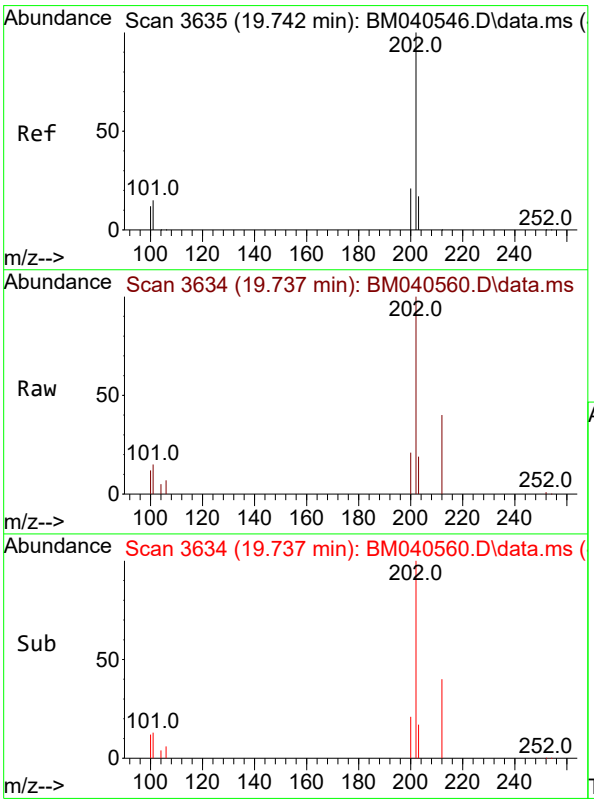
#19
Fluoranthene
Concen: 1.315 ng/ul
RT: 19.375 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:202 Resp: 106220

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.4	17.0
100	10.1	8.7	13.1

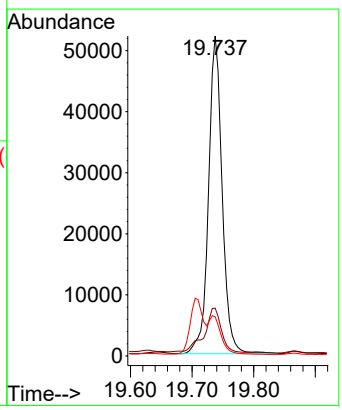


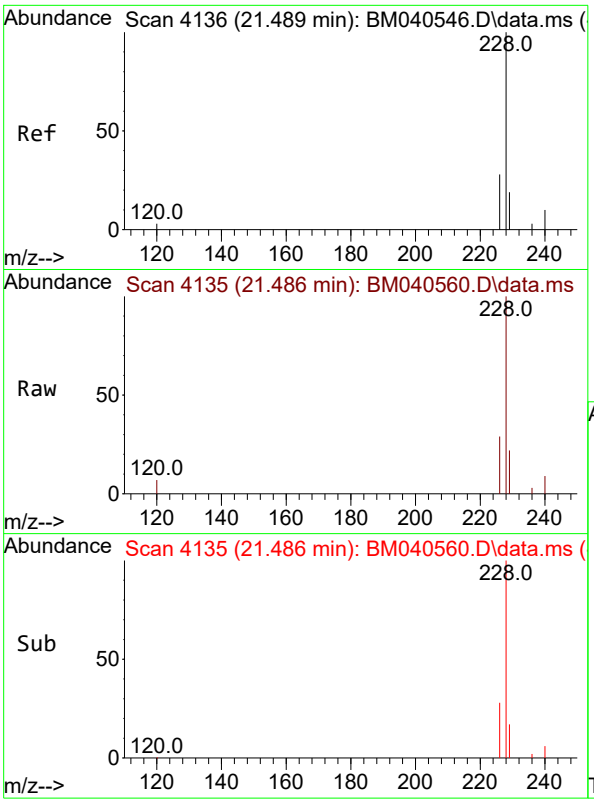


#20
Pyrene
Concen: 0.924 ng/ul
RT: 19.737 min Scan# 3634
Delta R.T. -0.009 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Tgt Ion:202 Resp: 80001

Ion	Ratio	Lower	Upper
202	100		
101	15.0	12.6	18.8
100	12.3	9.8	14.6



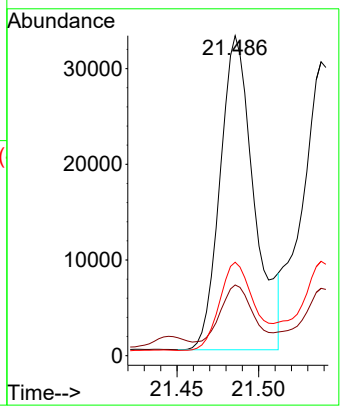


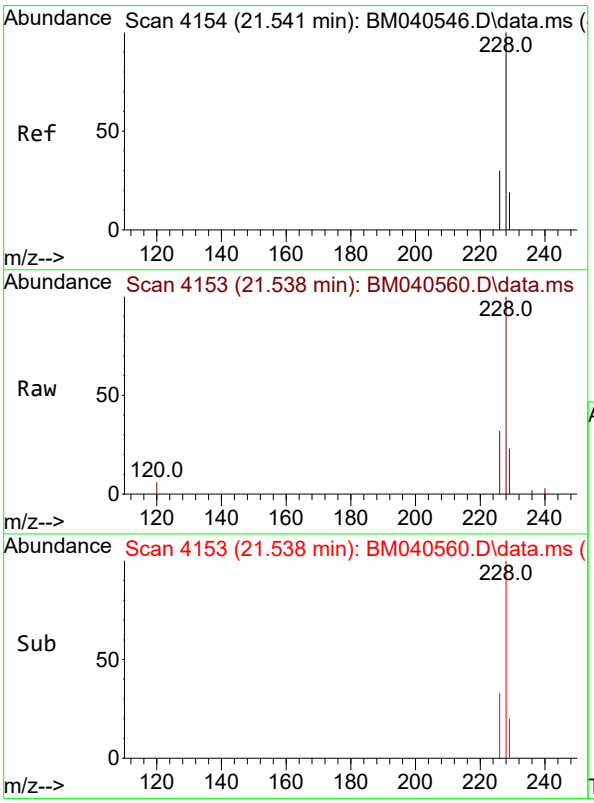
#21
Benzo(a)anthracene
Concen: 0.739 ng/ul
RT: 21.486 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:228 Resp: 47543

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.0	24.0
226	29.2	22.3	33.5

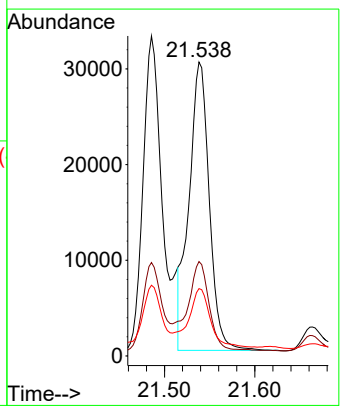


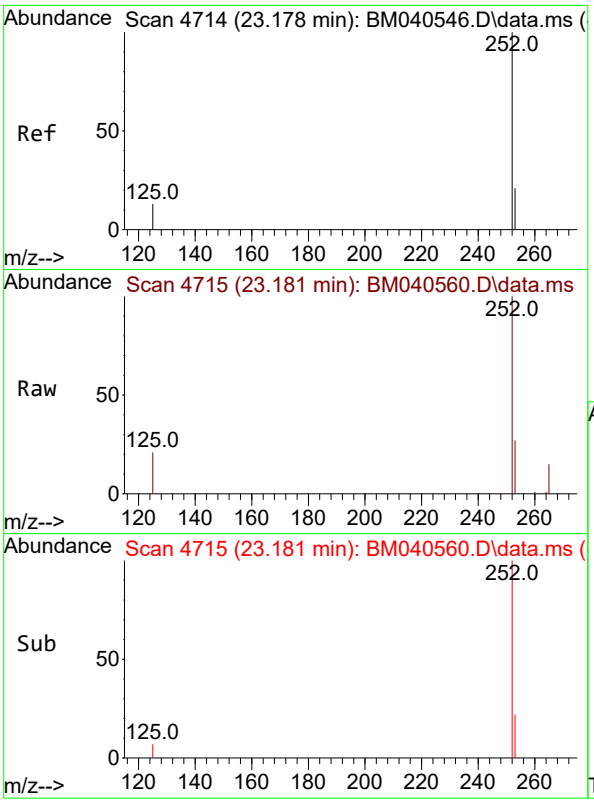


#22
Chrysene
Concen: 0.643 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Tgt Ion:228 Resp: 47130

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	22.9	15.8	23.6



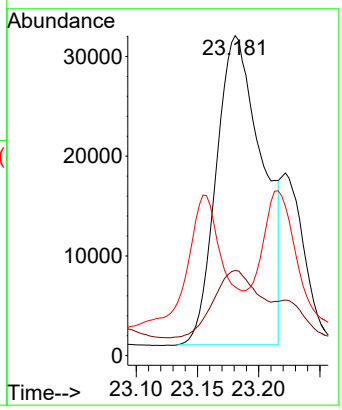


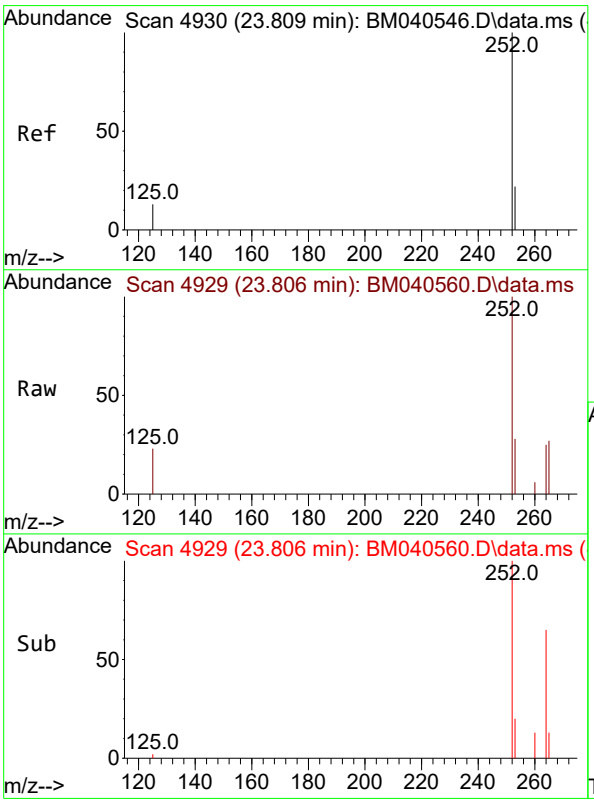
#24
Benzo(b)fluoranthene
Concen: 1.035 ng/ul
RT: 23.181 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:252 Resp: 80795

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	52.8
125	21.5	0.0	43.0

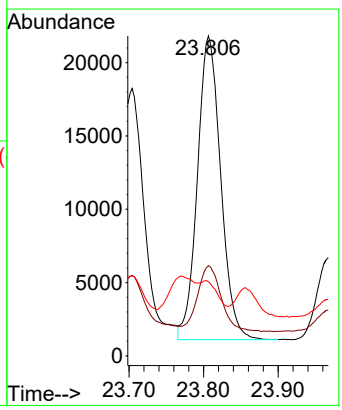


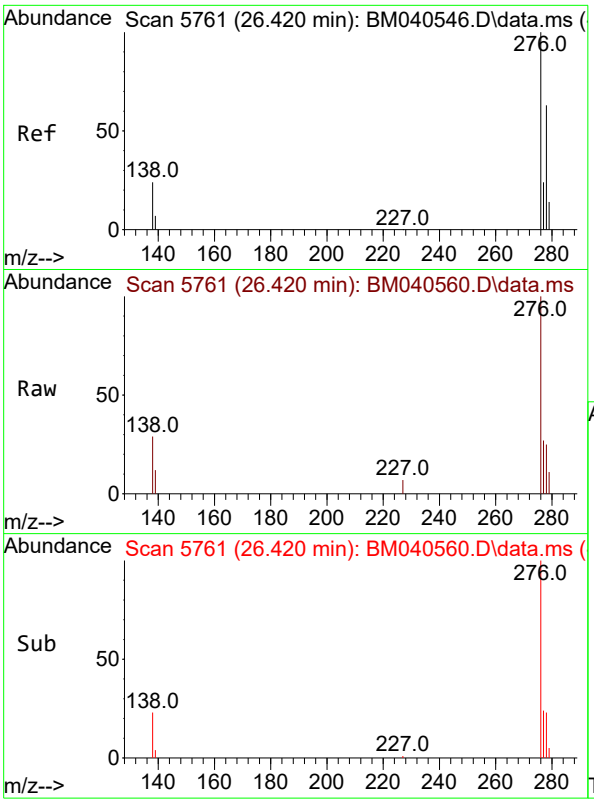


#26
Benzo(a)pyrene
Concen: 0.641 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Tgt Ion:252 Resp: 45058

Ion	Ratio	Lower	Upper
252	100		
253	28.2	22.9	34.3
125	23.2	21.0	31.4



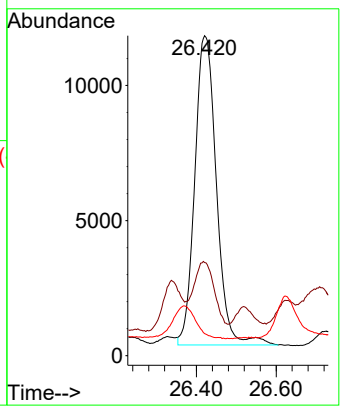


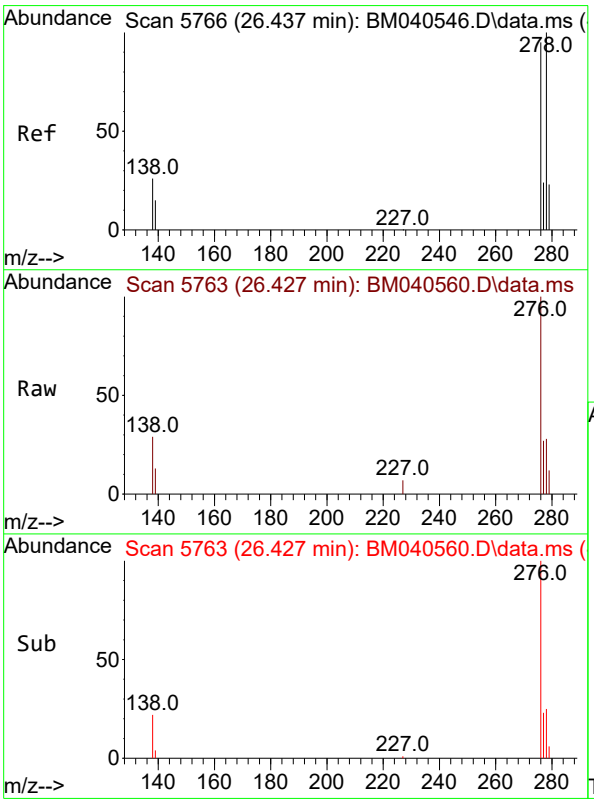
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.441 ng/ul
RT: 26.420 min Scan# 5
Delta R.T. 0.000 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:276 Resp: 43133

Ion	Ratio	Lower	Upper
276	100		
138	19.4	24.5	36.7#
227	0.0	0.1	0.1#

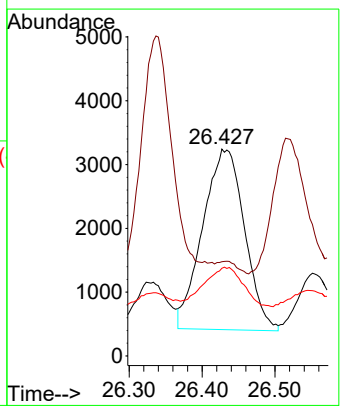


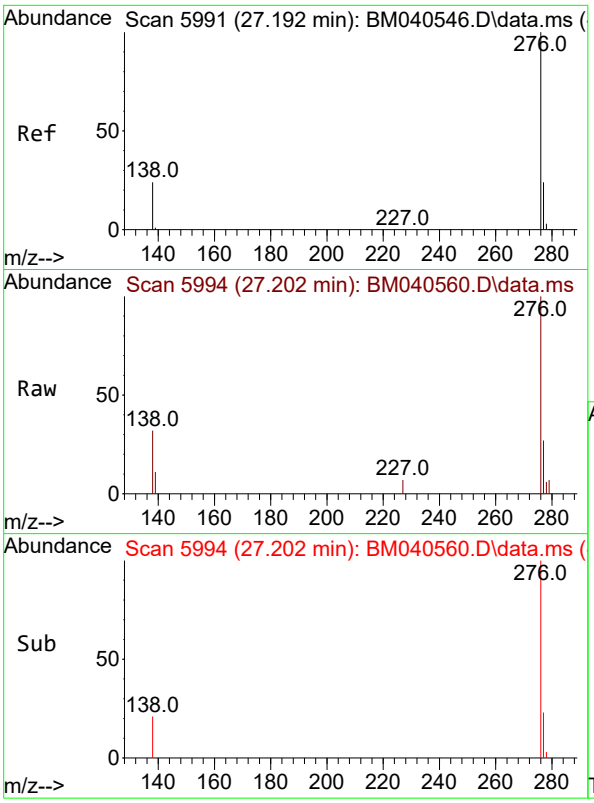


#28
Dibenzo(a,h)anthracene
Concen: 0.147 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.010 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Tgt Ion:278 Resp: 11291

Ion	Ratio	Lower	Upper
278	100		
139	45.6	17.9	26.9#
279	42.4	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.450 ng/ul
RT: 27.202 min Scan# 5
Delta R.T. 0.017 min
Lab File: BM040560.D
Acq: 03 Jul 2023 04:06

Instrument :
BNA_M
ClientSampleId :
DCGG3

Tgt Ion:276 Resp: 38655

Ion	Ratio	Lower	Upper
276	100		
138	31.6	23.0	34.6
277	27.1	20.3	30.5