Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040521.D
Acq On : 02 Jul 2023 02:41
Operator : MA/JU
Sample : 03242-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCGB1

Quant Time: Jul 02 05:17:10 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	7.932	152	7720	0.400	ng/ul		0.00
4) Naphthalene-d8	10.740	136	25643	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.573	164	16223	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.320	188	31727	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.503	240	21170	0.400	ng/ul	#	0.00
23) Perylene-d12	23.915	264	18669	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.321	96	34115	2.813	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.329	152	9474	0.264	ng/ul		0.00
18) Fluoranthene-d10	19.347	212	17535	0.258	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.789	128	8757	0.124	ng/ul	#	92
7) 2-Methylnaphthalene	12.400	142	6401	0.154	ng/ul		98
8) 1-Methylnaphthalene	12.620	142	4414	0.106	ng/ul		99
10) Acenaphthylene	14.295	152	9510	0.131	ng/ul	#	92
11) Acenaphthene	14.637	153	4197	0.069	ng/ul		95
12) Fluorene	15.623	166	4205	0.064	ng/ul	#	95
15) Phenanthrene	17.362	178	121710	1.235	ng/ul		99
16) Anthracene	17.455	178	16755	0.202	ng/ul		96
19) Fluoranthene	19.380	202	295363	3.285	ng/ul		98
20) Pyrene	19.742	202	234765	2.435	ng/ul		98
21) Benzo(a)anthracene	21.486	228	109410	1.528	ng/ul		97
22) Chrysene	21.541	228	131040	1.604	ng/ul		97
24) Benzo(b)fluoranthene	23.181	252	198581	2.749	ng/ul		96
26) Benzo(a)pyrene	23.809	252	120962	1.859	ng/ul	#	90
27) Indeno(1,2,3-cd)pyrene	26.427	276	113927	1.257	ng/ul	#	81
28) Dibenzo(a,h)anthracene	26.430	278	26154	0.369	ng/ul	#	77
29) Benzo(g,h,i)perylene	27.202	276	103683	1.305	ng/ul		99

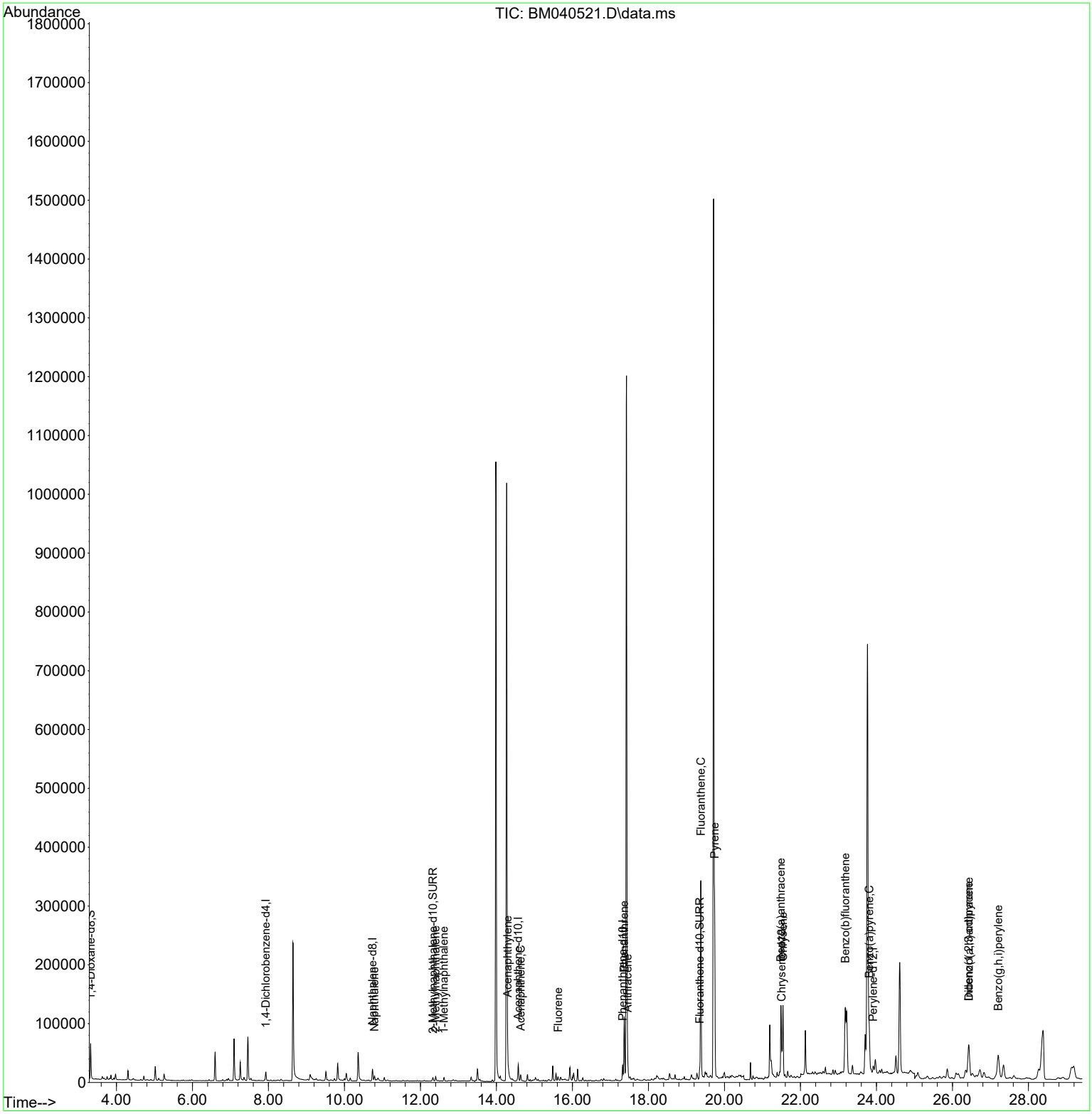
(#) = qualifier out of range (m) = manual integration (+) = signals summed

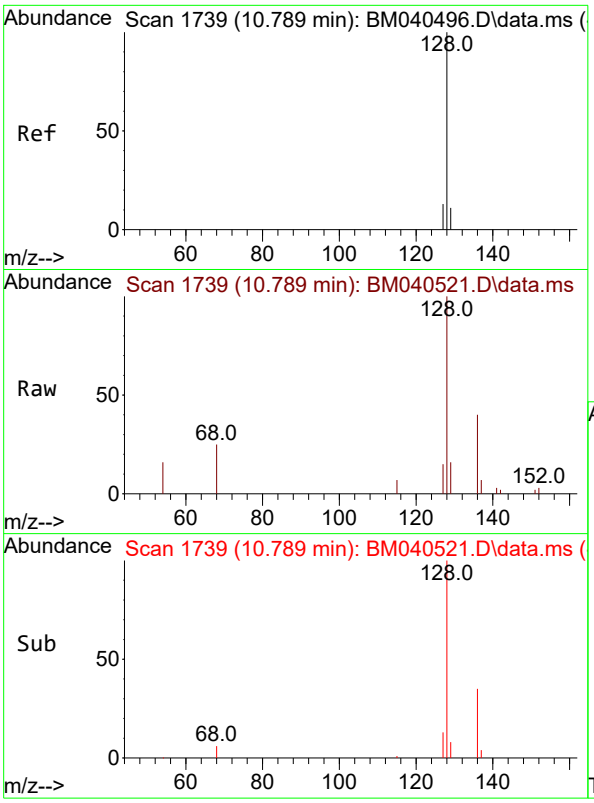
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040521.D
Acq On : 02 Jul 2023 02:41
Operator : MA/JU
Sample : 03242-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCGB1

Quant Time: Jul 02 05:17:10 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



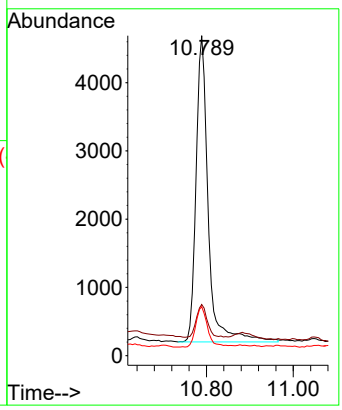


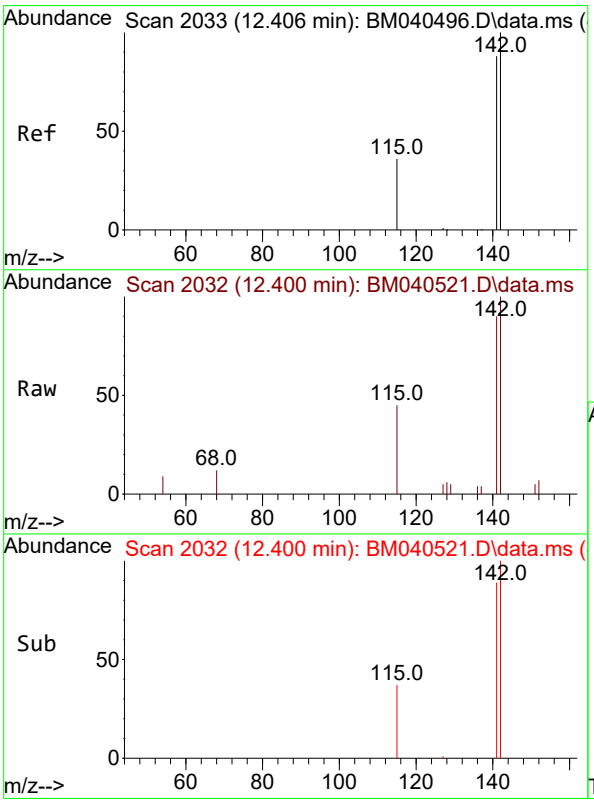
#5
Naphthalene
Concen: 0.124 ng/ul
RT: 10.789 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Instrument :
BNA_M
ClientSampleId :
DCGB1

Tgt Ion:128 Resp: 8757

Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.2	13.8#
127	15.3	10.6	15.8

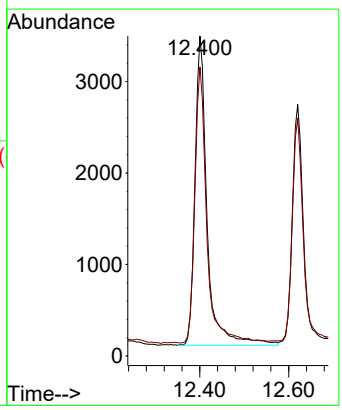


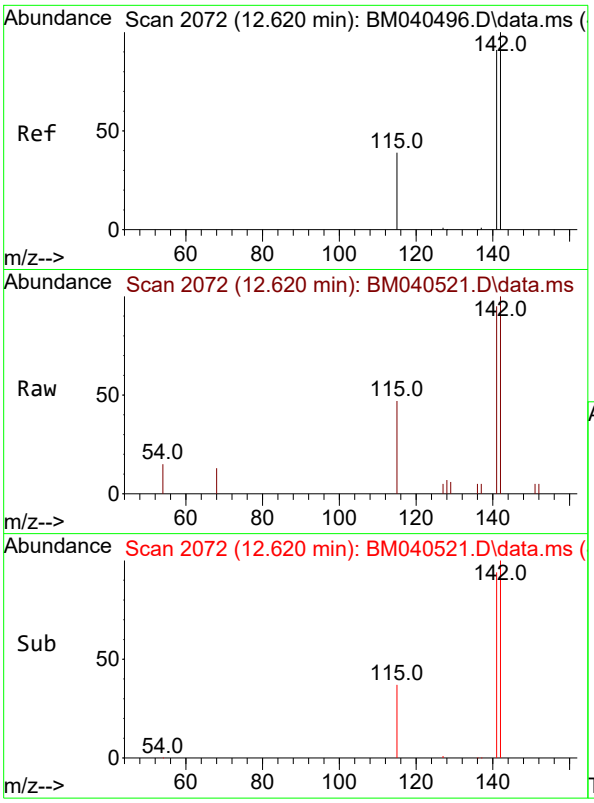


#7
2-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Tgt Ion:142 Resp: 6401

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.9	107.9



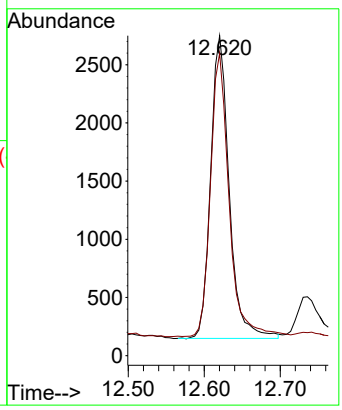


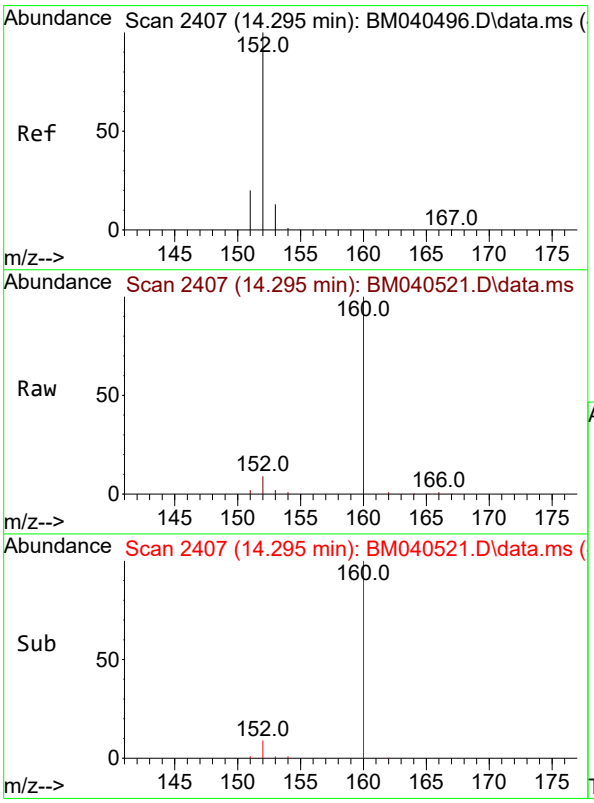
#8
1-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.620 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Instrument :
BNA_M
ClientSampleId :
DCGB1

Tgt Ion:142 Resp: 4414

Ion	Ratio	Lower	Upper
142	100		
141	93.0	73.7	110.5

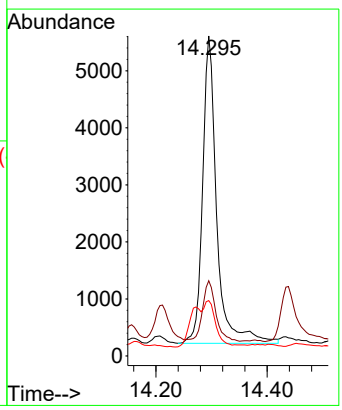


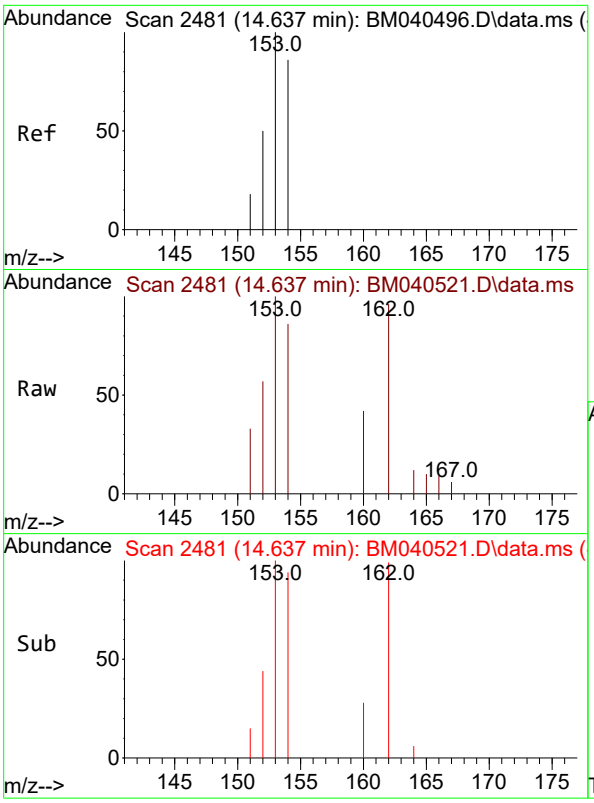


#10
Acenaphthylene
Concen: 0.131 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Tgt Ion:152 Resp: 9510

Ion	Ratio	Lower	Upper
152	100		
151	23.5	16.2	24.2
153	17.3	10.9	16.3#



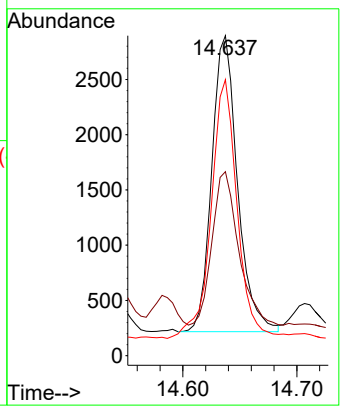


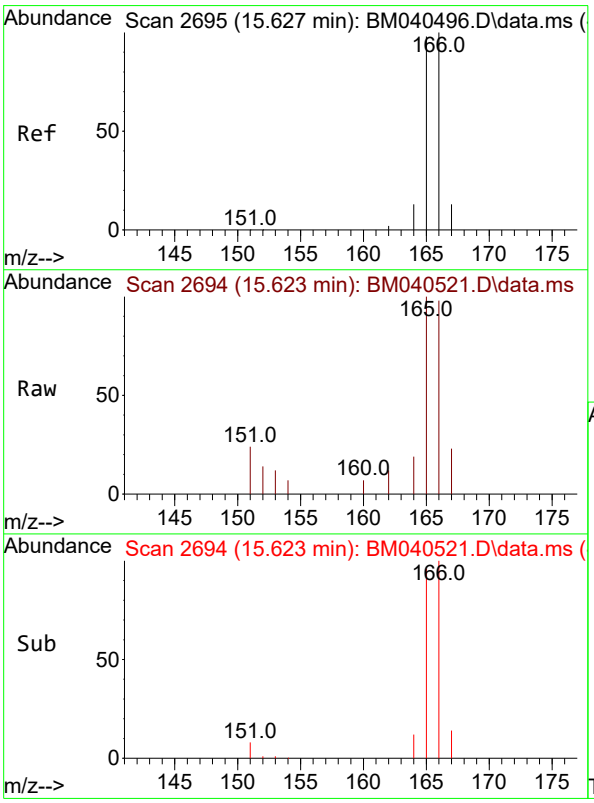
#11
Acenaphthene
Concen: 0.069 ng/ul
RT: 14.637 min Scan# 24
Delta R.T. -0.004 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Instrument :
BNA_M
ClientSampleId :
DCGB1

Tgt Ion:153 Resp: 4197

Ion	Ratio	Lower	Upper
153	100		
152	57.5	41.0	61.4
154	86.3	70.8	106.2

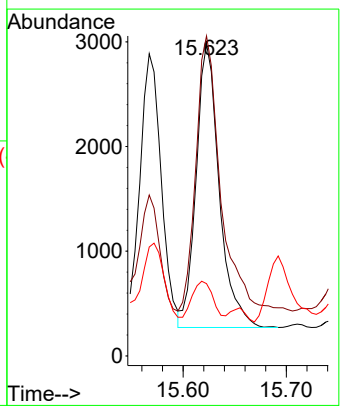


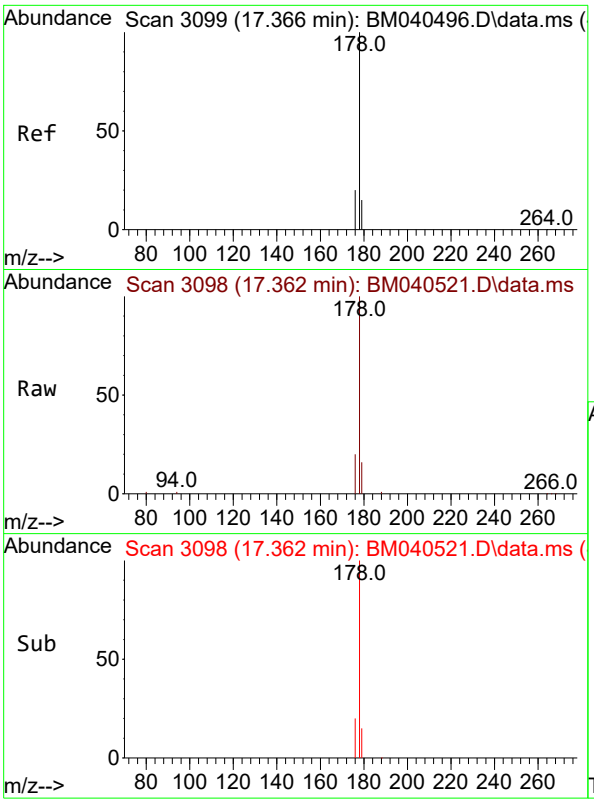


#12
Fluorene
Concen: 0.064 ng/ul
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Tgt Ion:166 Resp: 4205

Ion	Ratio	Lower	Upper
166	100		
165	102.5	79.6	119.4
167	23.2	11.4	17.0#



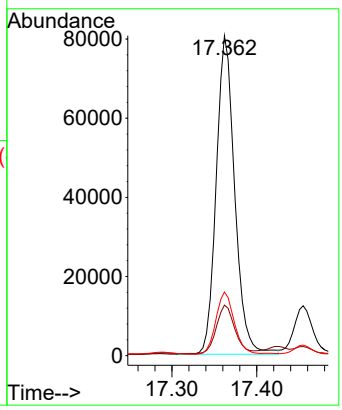


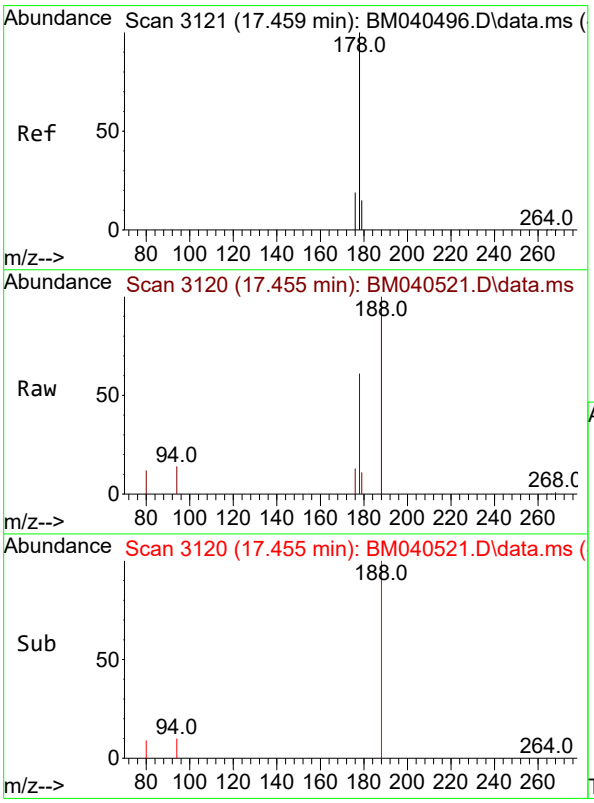
#15
Phenanthrene
Concen: 1.235 ng/ul
RT: 17.362 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Instrument :
BNA_M
ClientSampleId :
DCGB1

Tgt Ion:178 Resp: 121710

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.8	19.2
176	19.9	16.4	24.6

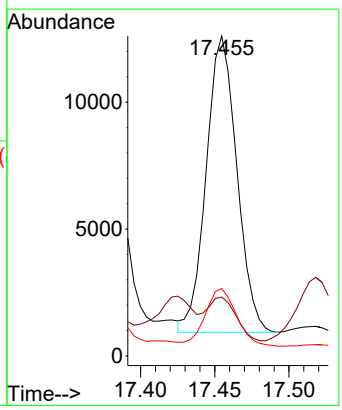


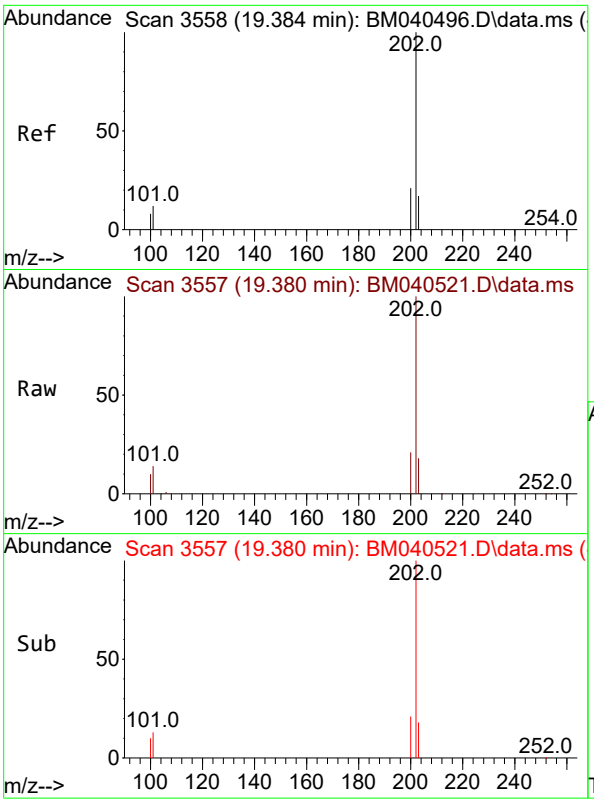


#16
Anthracene
Concen: 0.202 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Tgt Ion:178 Resp: 16755

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.9	19.3
176	21.0	15.8	23.6



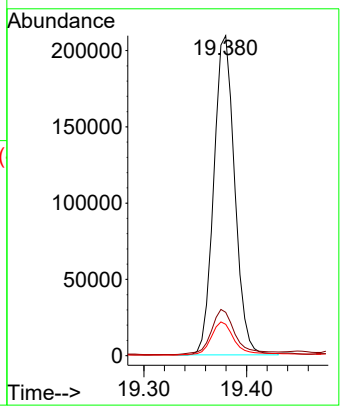


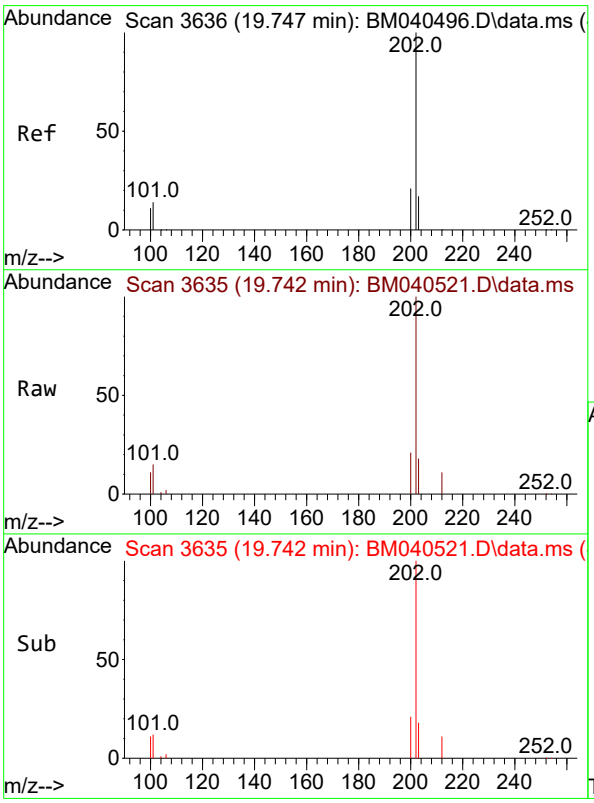
#19
Fluoranthene
Concen: 3.285 ng/ul
RT: 19.380 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Instrument :
BNA_M
ClientSampleId :
DCGB1

Tgt Ion:202 Resp: 295363

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.4	17.0
100	9.8	8.7	13.1

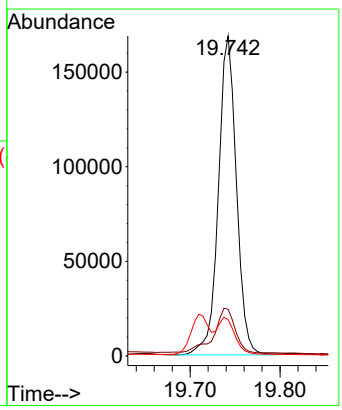


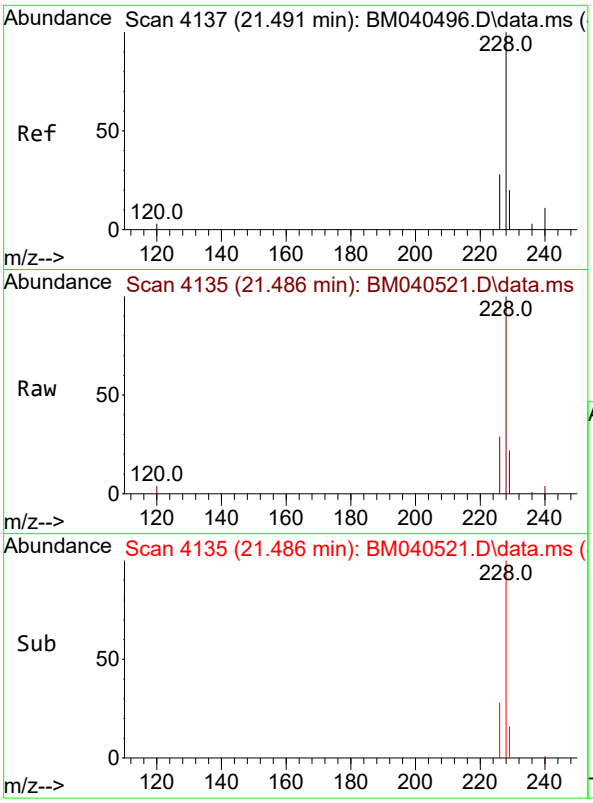


#20
Pyrene
Concen: 2.435 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Tgt Ion:202 Resp: 234765

Ion	Ratio	Lower	Upper
202	100		
101	14.6	12.6	18.8
100	11.4	9.8	14.6



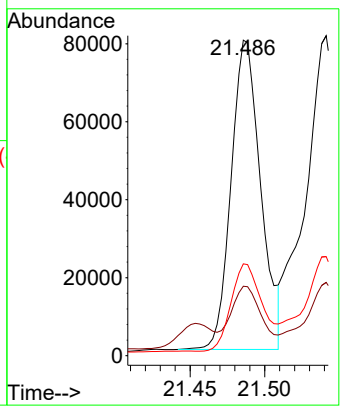


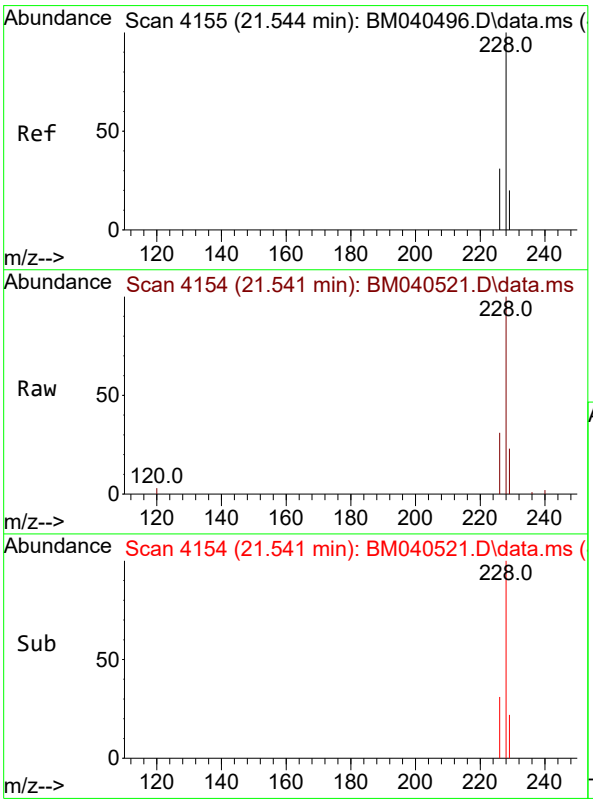
#21
Benzo(a)anthracene
Concen: 1.528 ng/ul
RT: 21.486 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Instrument :
BNA_M
ClientSampleId :
DCGB1

Tgt Ion:228 Resp: 109410

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.0	24.0
226	29.1	22.3	33.5

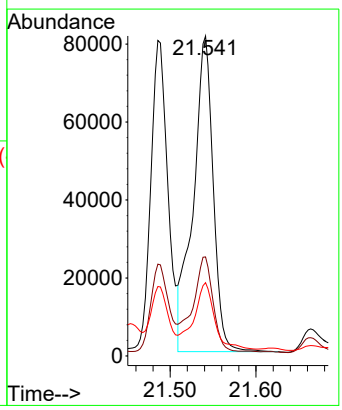


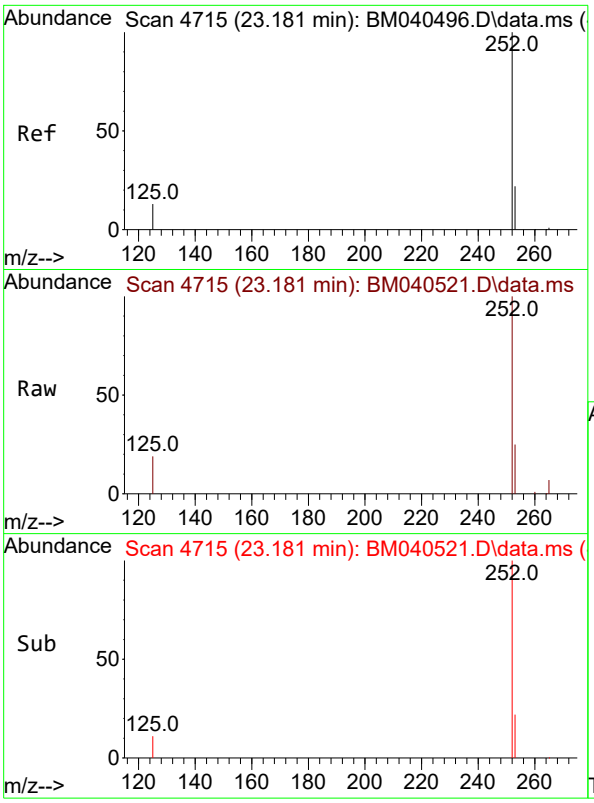


#22
Chrysene
Concen: 1.604 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Tgt Ion:228 Resp: 131040

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	22.9	15.8	23.6



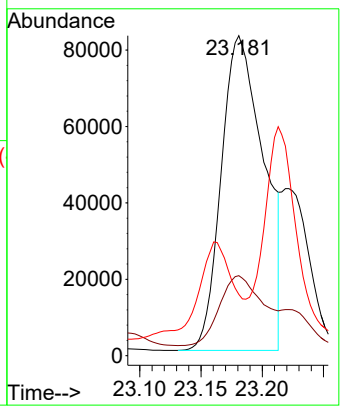


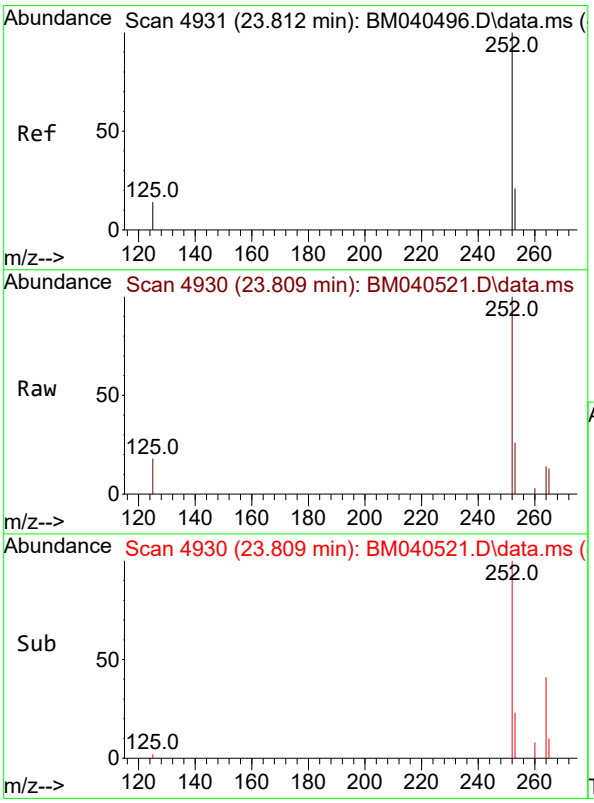
#24
Benzo(b)fluoranthene
Concen: 2.749 ng/ul
RT: 23.181 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Instrument :
BNA_M
ClientSampleId :
DCGB1

Tgt Ion:252 Resp: 198581

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	52.8
125	19.1	0.0	43.0

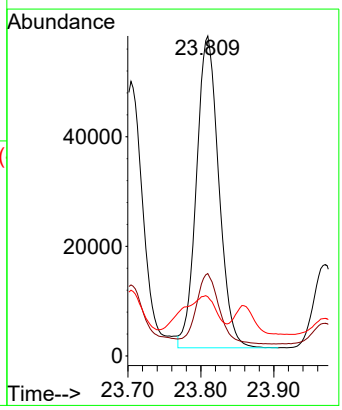


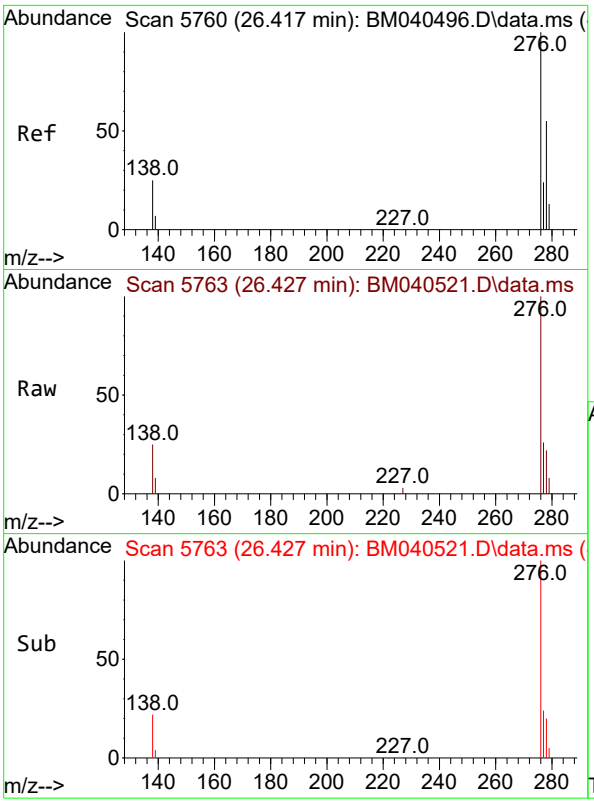


#26
Benzo(a)pyrene
Concen: 1.859 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Tgt Ion:252 Resp: 120962

Ion	Ratio	Lower	Upper
252	100		
253	25.8	22.9	34.3
125	18.5	21.0	31.4#



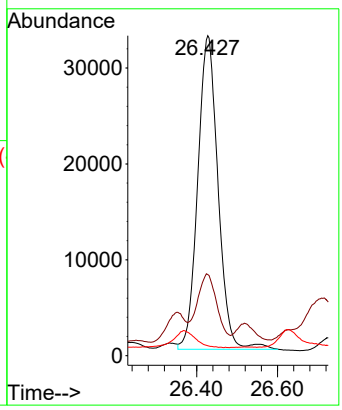


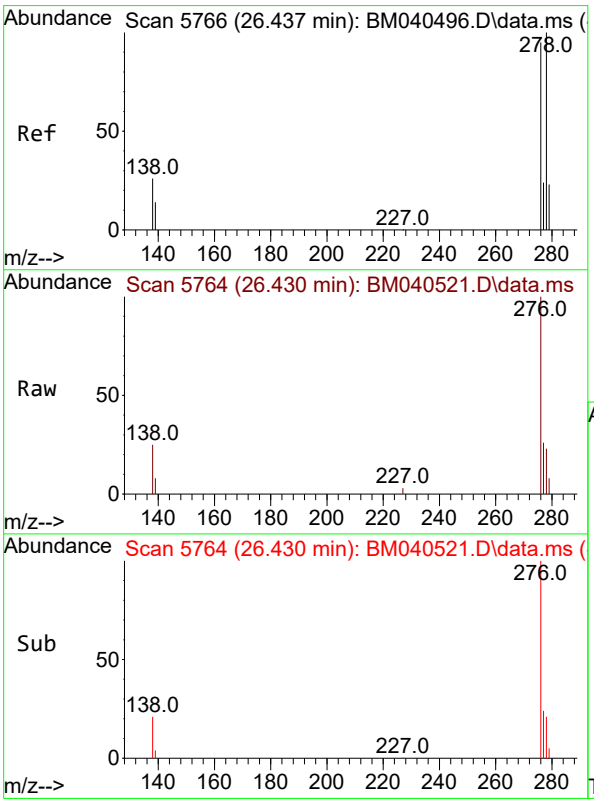
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.257 ng/ul
RT: 26.427 min Scan# 5
Delta R.T. 0.007 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Instrument :
BNA_M
ClientSampleId :
DCGB1

Tgt Ion:276 Resp: 113927

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

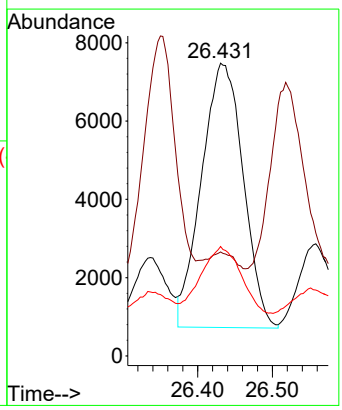


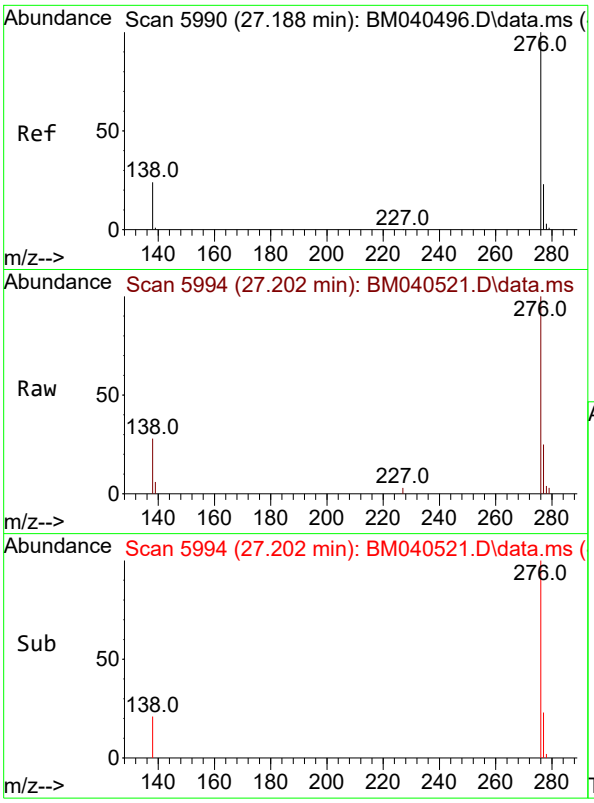


#28
Dibenzo(a,h)anthracene
Concen: 0.369 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.007 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Tgt Ion:278 Resp: 26154

Ion	Ratio	Lower	Upper
278	100		
139	35.5	17.9	26.9#
279	37.4	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 1.305 ng/ul
RT: 27.202 min Scan# 5
Delta R.T. 0.017 min
Lab File: BM040521.D
Acq: 02 Jul 2023 02:41

Instrument :
BNA_M
ClientSampleId :
DCGB1

Tgt Ion:276 Resp: 103683

Ion	Ratio	Lower	Upper
276	100		
138	27.9	23.0	34.6
277	25.3	20.3	30.5