Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040589.D
Acq On : 03 Jul 2023 23:48
Operator : MA/JU
Sample : 03242-11DL 5X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCGB2DL

Quant Time: Jul 04 01:30:59 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	7.919	152	5963	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	22861	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.563	164	11096	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	20712	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	11898	0.400	ng/ul	0.00
23) Perylene-d12	23.909	264	11525	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	5254	0.561	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	1416	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	2077	0.054	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.286	152	2866	0.058	ng/ul#	88
15) Phenanthrene	17.358	178	10680	0.166	ng/ul	97
16) Anthracene	17.446	178	2964	0.055	ng/ul#	83
19) Fluoranthene	19.370	202	27276	0.540	ng/ul	98
20) Pyrene	19.733	202	23270	0.429	ng/ul	97
21) Benzo(a)anthracene	21.483	228	13377	0.332	ng/ul	94
22) Chrysene	21.535	228	12930	0.282	ng/ul#	95
24) Benzo(b)fluoranthene	23.175	252	24576	0.551	ng/ul	90
26) Benzo(a)pyrene	23.798	252	12918	0.322	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.404	276	12432	0.222	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.417	278	3083	0.070	ng/ul#	41
29) Benzo(g,h,i)perylene	27.178	276	12312	0.251	ng/ul#	90

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

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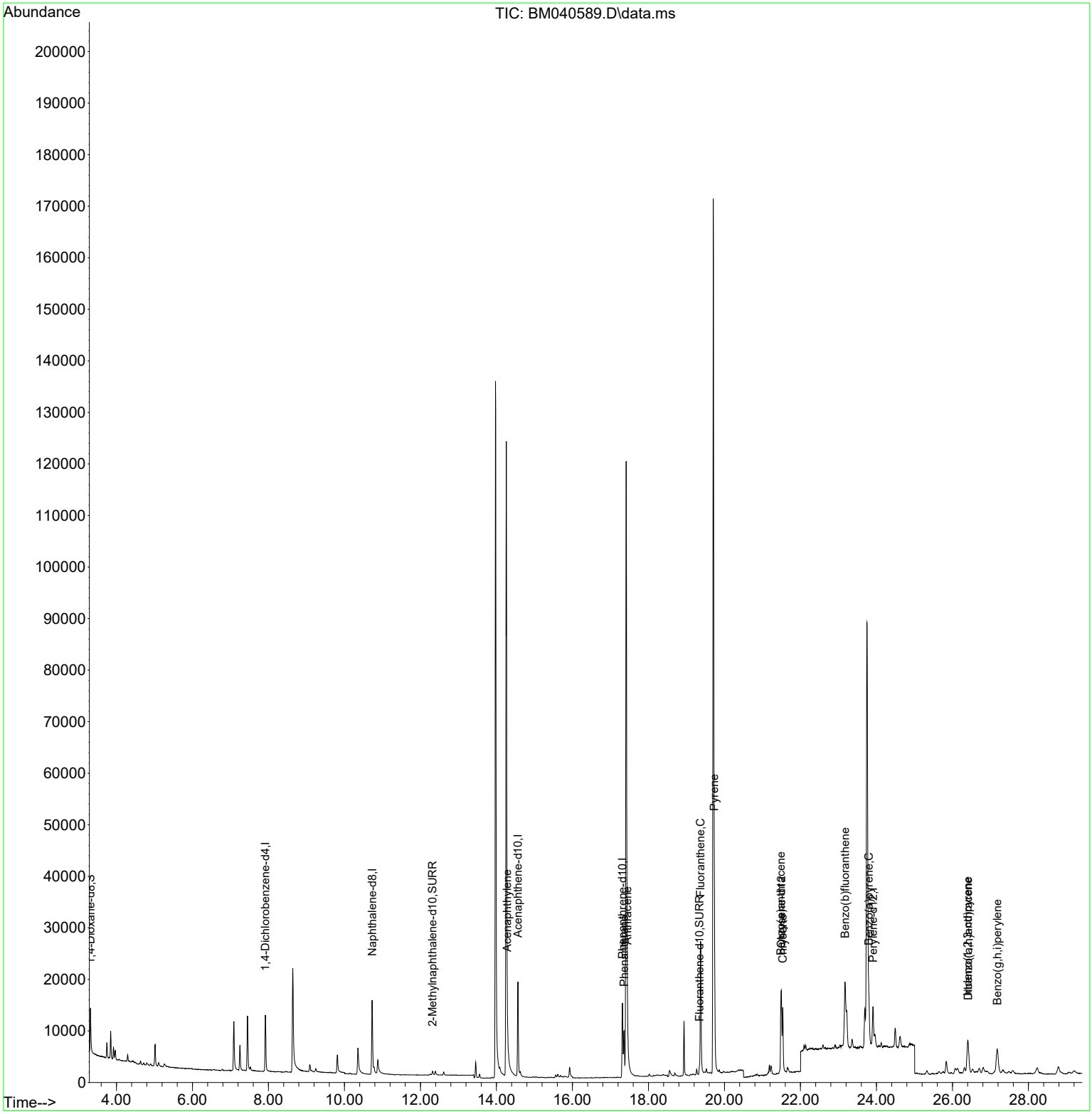
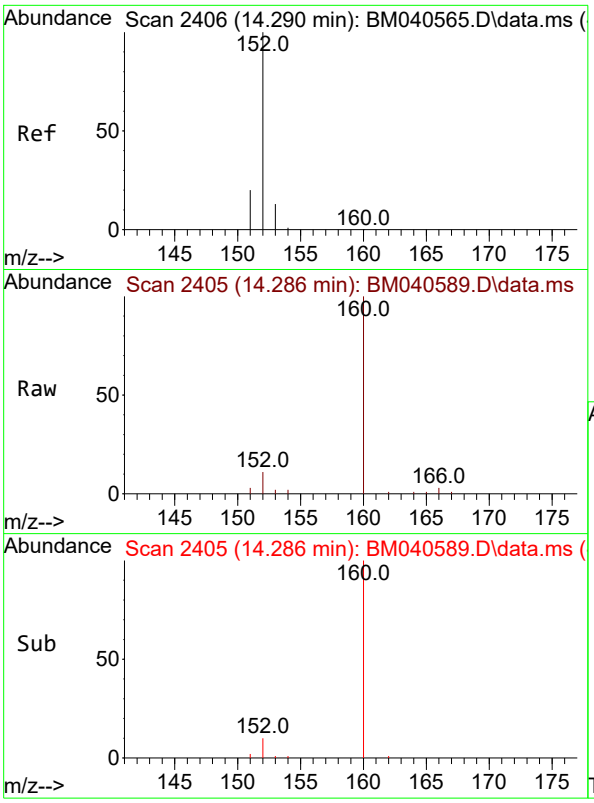
Quant Time: Jul 04 01:30:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration



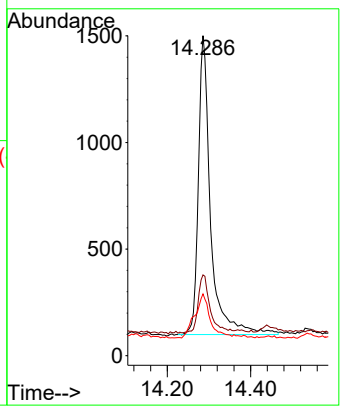


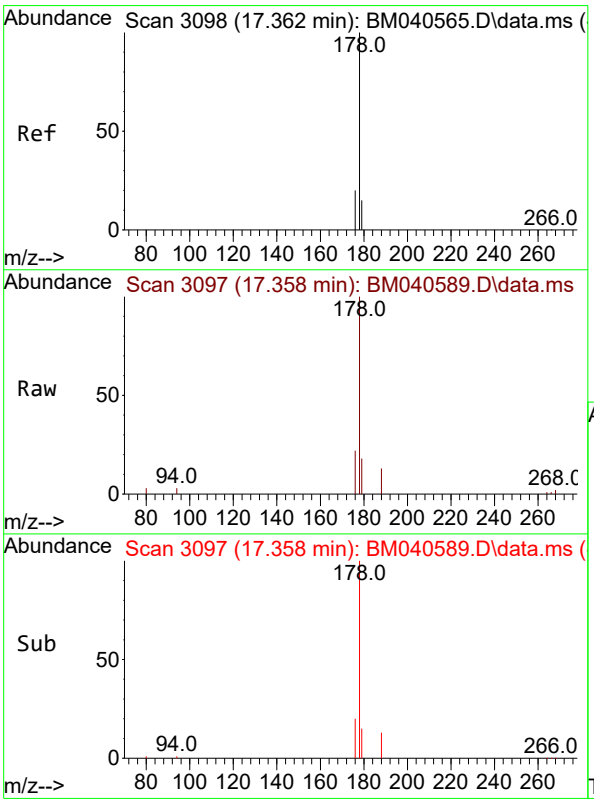
#10
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.286 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

Instrument :
BNA_M
ClientSampleId :
DCGB2DL

Tgt Ion:152 Resp: 2866

Ion	Ratio	Lower	Upper
152	100		
151	25.2	16.2	24.2#
153	19.3	10.9	16.3#

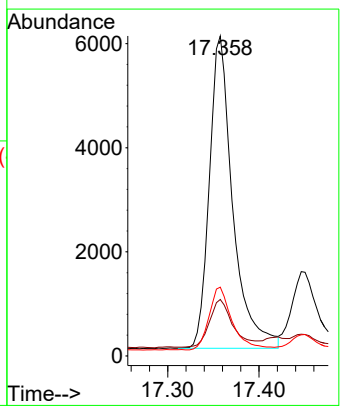


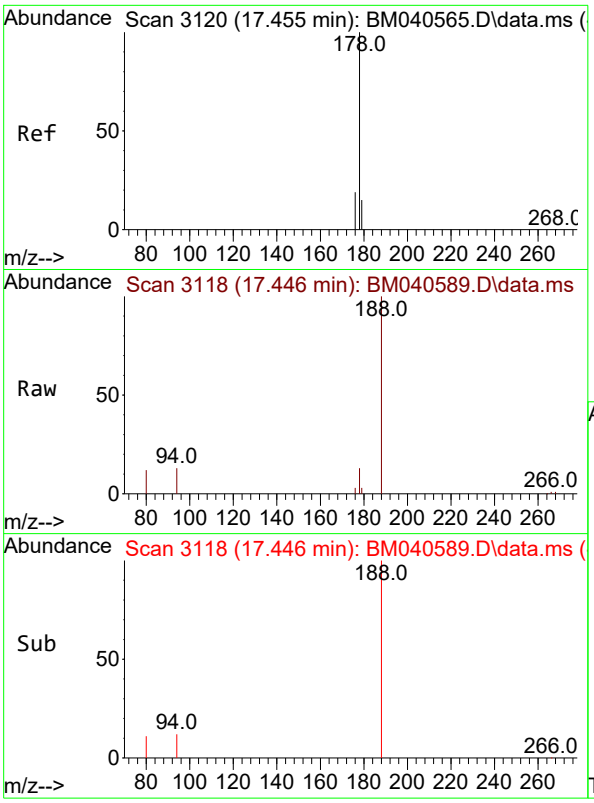


#15
Phenanthrene
Concen: 0.166 ng/ul
RT: 17.358 min Scan# 3097
Delta R.T. -0.004 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

Tgt Ion:178 Resp: 10680

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.8	19.2
176	21.5	16.4	24.6



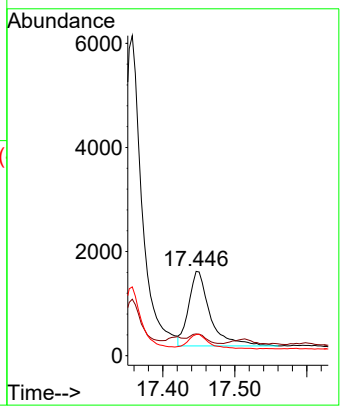


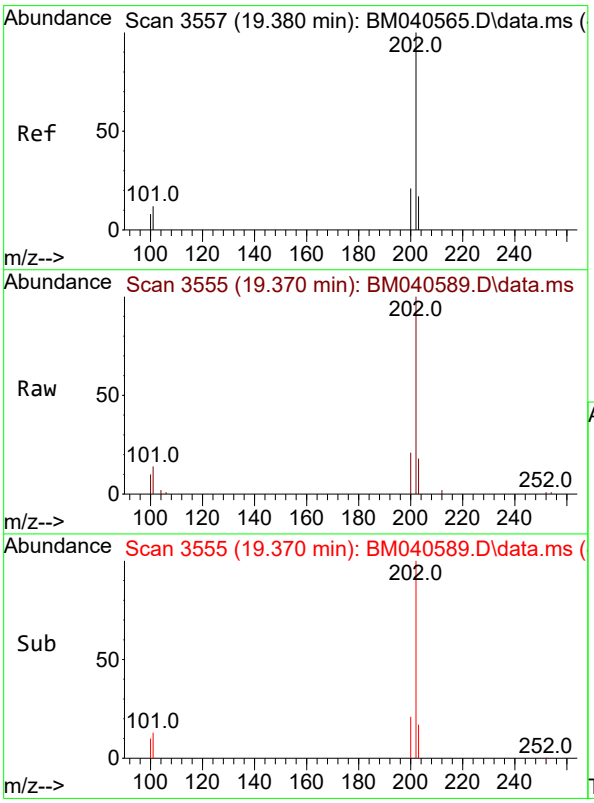
#16
Anthracene
Concen: 0.055 ng/ul
RT: 17.446 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

Instrument :
BNA_M
ClientSampleId :
DCGB2DL

Tgt Ion:178 Resp: 2964

Ion	Ratio	Lower	Upper
178	100		
179	25.7	12.9	19.3#
176	25.0	15.8	23.6#

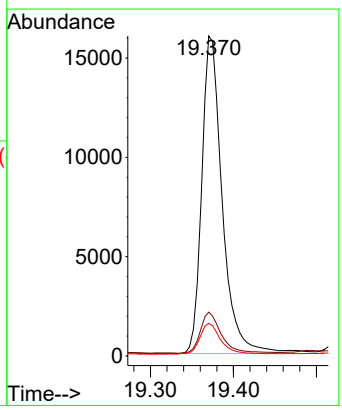


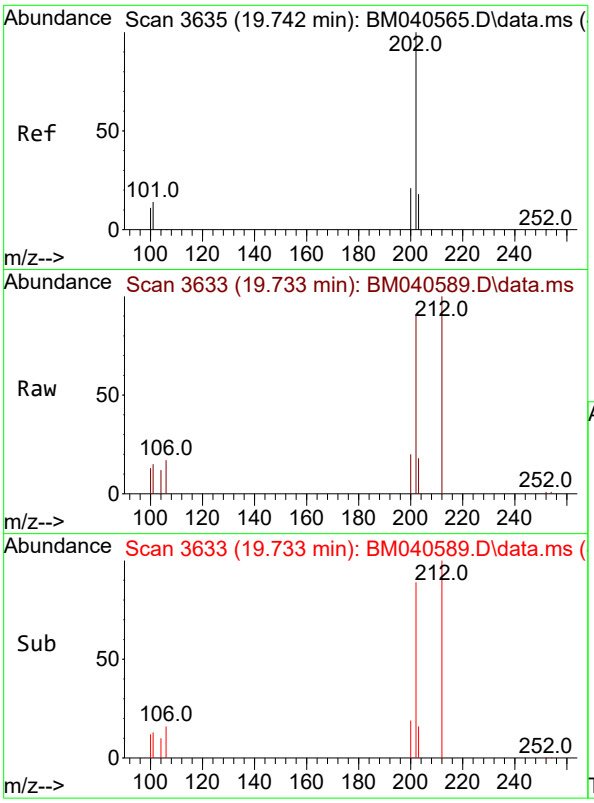


#19
Fluoranthene
Concen: 0.540 ng/ul
RT: 19.370 min Scan# 3555
Delta R.T. -0.009 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

Tgt Ion:202 Resp: 27276

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.4	17.0
100	10.2	8.7	13.1



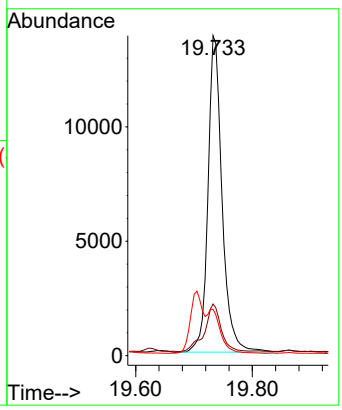


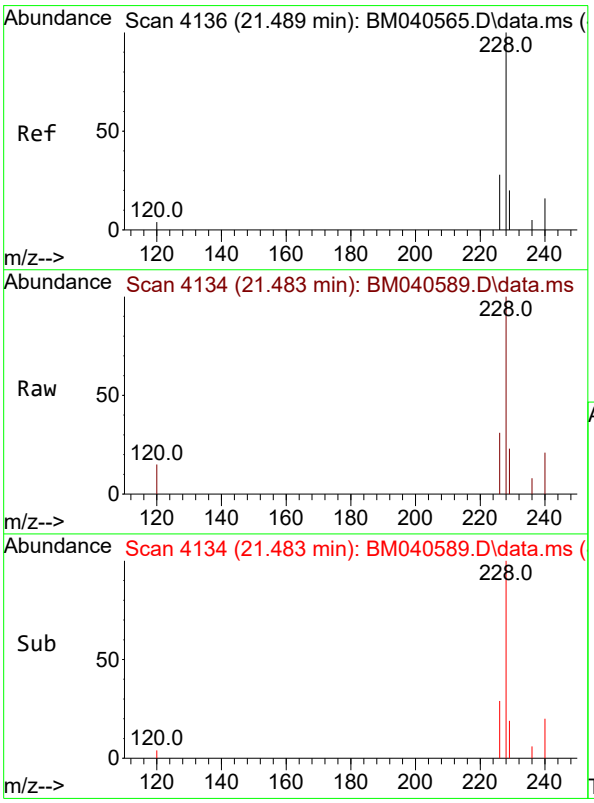
#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.733 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

Instrument :
BNA_M
ClientSampleId :
DCGB2DL

Tgt Ion:202 Resp: 23270

Ion	Ratio	Lower	Upper
202	100		
101	16.1	12.6	18.8
100	14.5	9.8	14.6

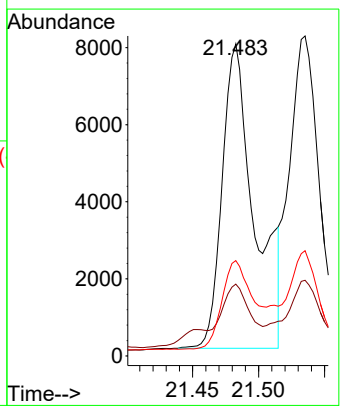


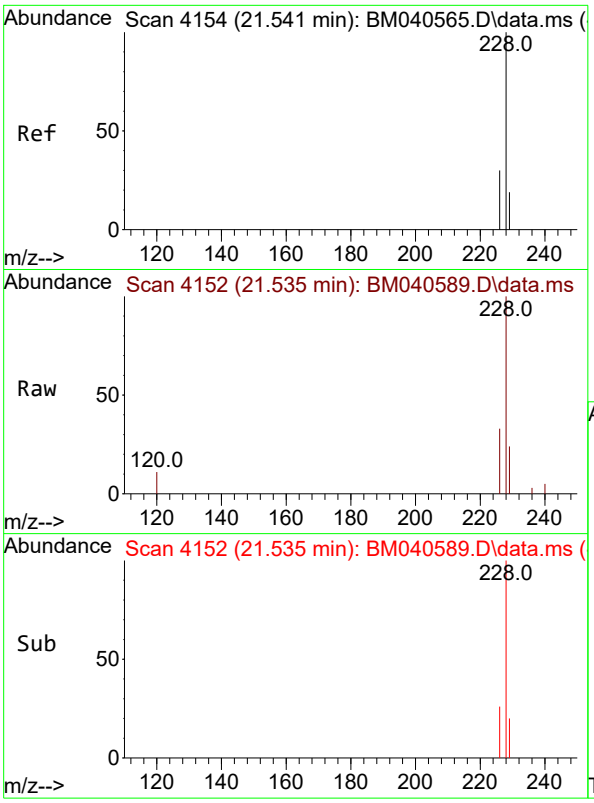


#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.483 min Scan# 4134
Delta R.T. -0.006 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

Tgt Ion:228 Resp: 13377

Ion	Ratio	Lower	Upper
228	100		
229	23.0	16.0	24.0
226	30.6	22.3	33.5



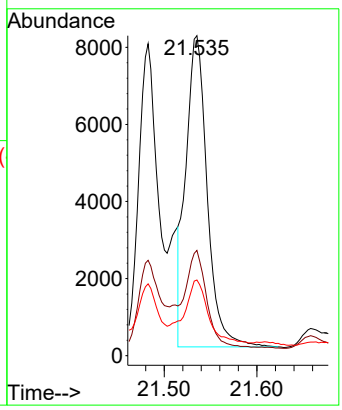


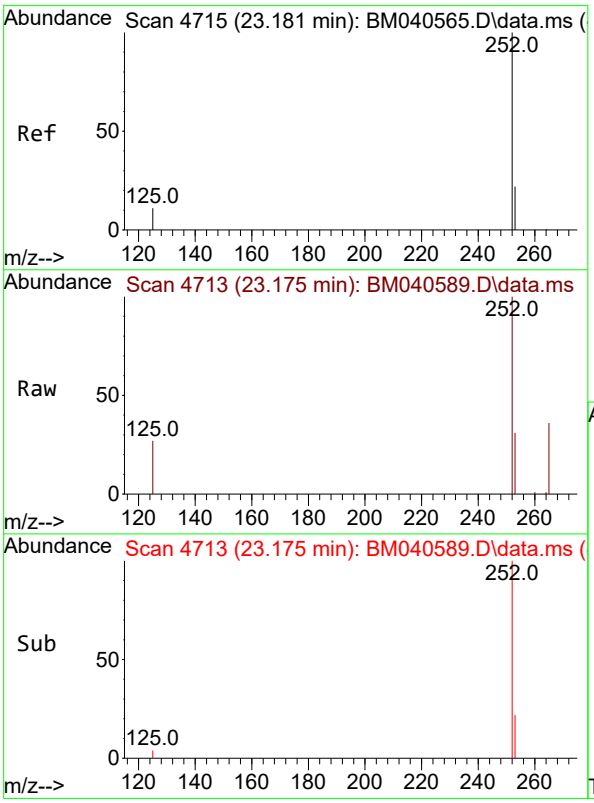
#22
Chrysene
Concen: 0.282 ng/ul
RT: 21.535 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

Instrument :
BNA_M
ClientSampleId :
DCGB2DL

Tgt Ion:228 Resp: 12930

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.9	37.3
229	23.7	15.8	23.6#

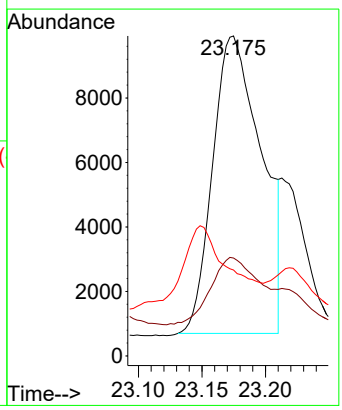


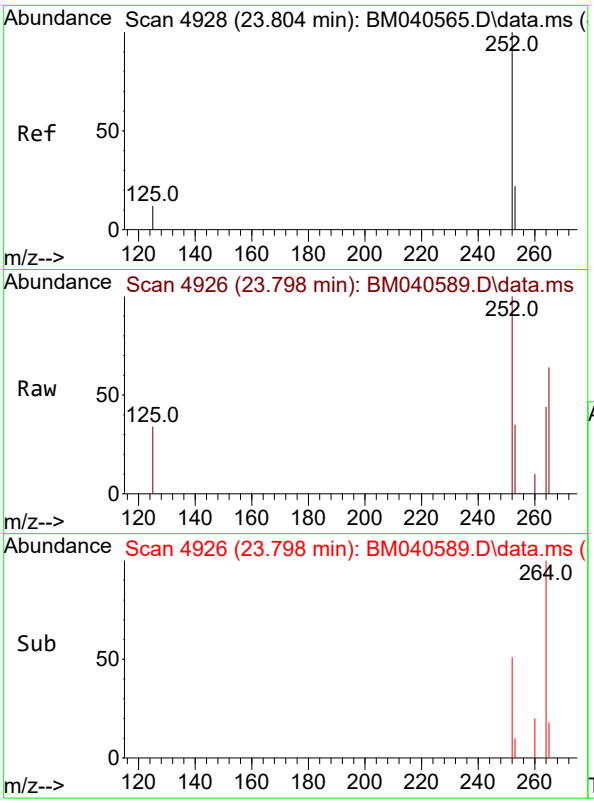


#24
Benzo(b)fluoranthene
Concen: 0.551 ng/ul
RT: 23.175 min Scan# 4713
Delta R.T. -0.006 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

Tgt Ion:252 Resp: 24576

Ion	Ratio	Lower	Upper
252	100		
253	30.6	0.0	52.8
125	26.9	0.0	43.0



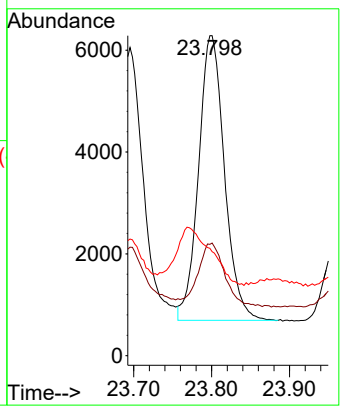


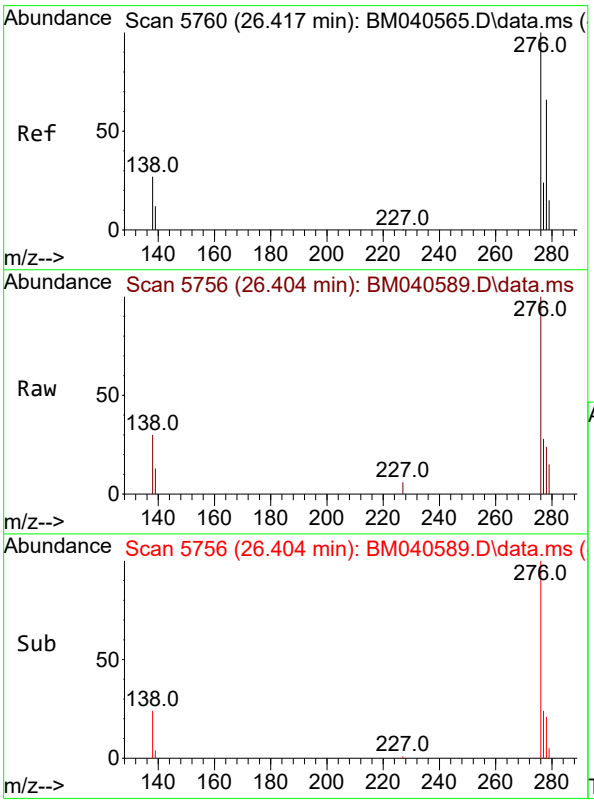
#26
Benzo(a)pyrene
Concen: 0.322 ng/ul
RT: 23.798 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

Instrument :
BNA_M
ClientSampleId :
DCGB2DL

Tgt Ion:252 Resp: 12918

Ion	Ratio	Lower	Upper
252	100		
253	34.8	22.9	34.3#
125	33.6	21.0	31.4#

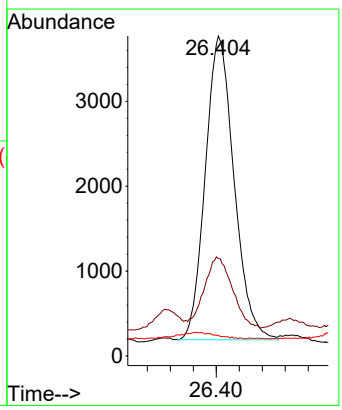


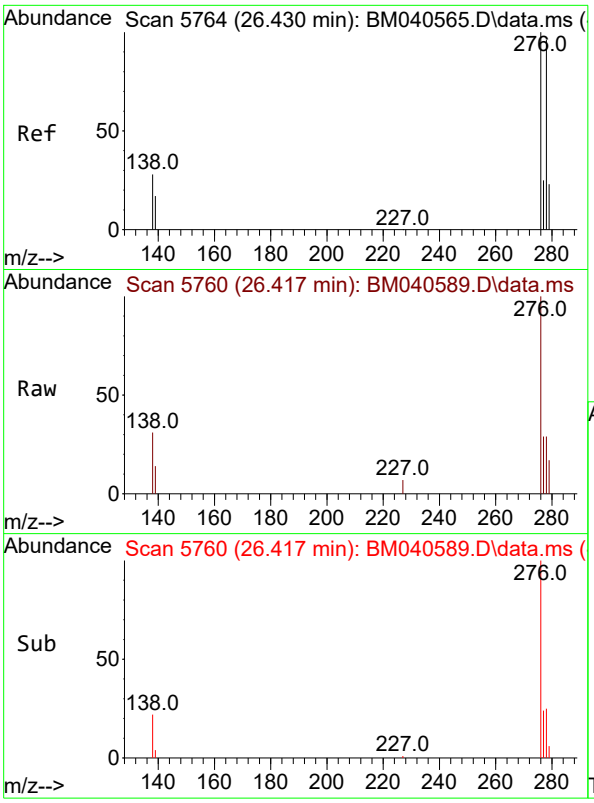


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.222 ng/ul
RT: 26.404 min Scan# 5756
Delta R.T. -0.013 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

Tgt Ion:276 Resp: 12432

Ion	Ratio	Lower	Upper
276	100		
138	23.4	24.5	36.7#
227	0.0	0.1	0.1#



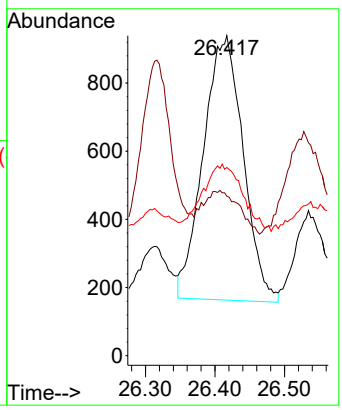


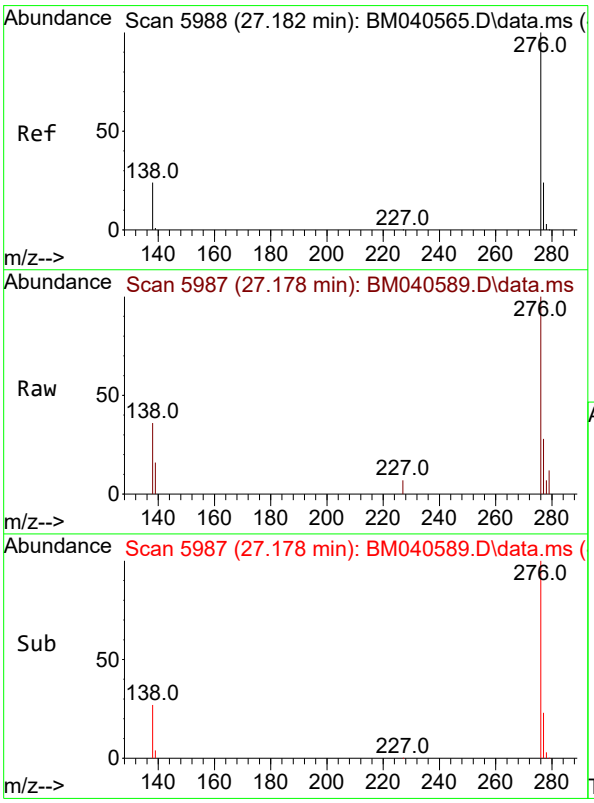
#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 26.417 min Scan# 5
Delta R.T. -0.013 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

Instrument :
BNA_M
ClientSampleId :
DCGB2DL

Tgt Ion:278 Resp: 3083

Ion	Ratio	Lower	Upper
278	100		
139	49.8	17.9	26.9#
279	58.8	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.251 ng/ul
RT: 27.178 min Scan# 5987
Delta R.T. -0.003 min
Lab File: BM040589.D
Acq: 03 Jul 2023 23:48

Tgt Ion:276 Resp: 12312

Ion	Ratio	Lower	Upper
276	100		
138	36.2	23.0	34.6#
277	27.8	20.3	30.5