Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040590.D
Acq On : 04 Jul 2023 00:26
Operator : MA/JU
Sample : 03242-17DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCGB8DL

Quant Time: Jul 04 01:31:09 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	6597	0.400	ng/ul	0.00
4) Naphthalene-d8	10.729	136	23827	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.563	164	11049	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	19766	0.400	ng/ul	0.00
17) Chrysene-d12	21.497	240	11944	0.400	ng/ul	0.00
23) Perylene-d12	23.906	264	12107	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	7725	0.745	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.318	152	1760	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.342	212	2337	0.061	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.286	152	1122	0.023	ng/ul#	69
15) Phenanthrene	17.353	178	5993	0.098	ng/ul#	94
16) Anthracene	17.451	178	1373	0.027	ng/ul#	69
19) Fluoranthene	19.375	202	16724	0.330	ng/ul	97
20) Pyrene	19.733	202	14570	0.268	ng/ul#	94
21) Benzo(a)anthracene	21.480	228	8436	0.209	ng/ul#	93
22) Chrysene	21.532	228	8882	0.193	ng/ul#	94
24) Benzo(b)fluoranthene	23.169	252	17422	0.372	ng/ul	85
26) Benzo(a)pyrene	23.795	252	9670	0.229	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.400	276	9714	0.165	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.410	278	2196	0.048	ng/ul#	25
29) Benzo(g,h,i)perylene	27.172	276	10693	0.208	ng/ul	92

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

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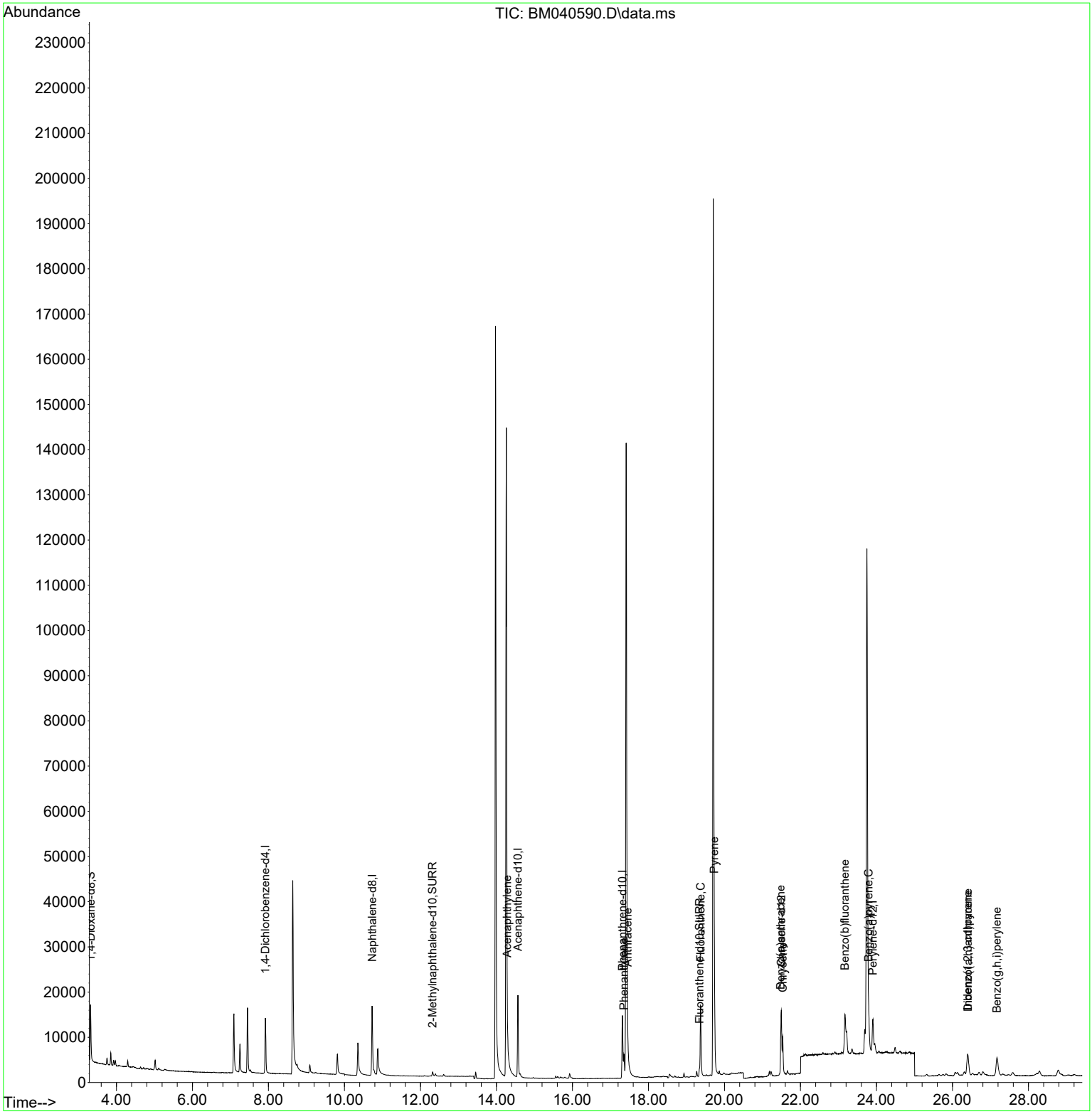
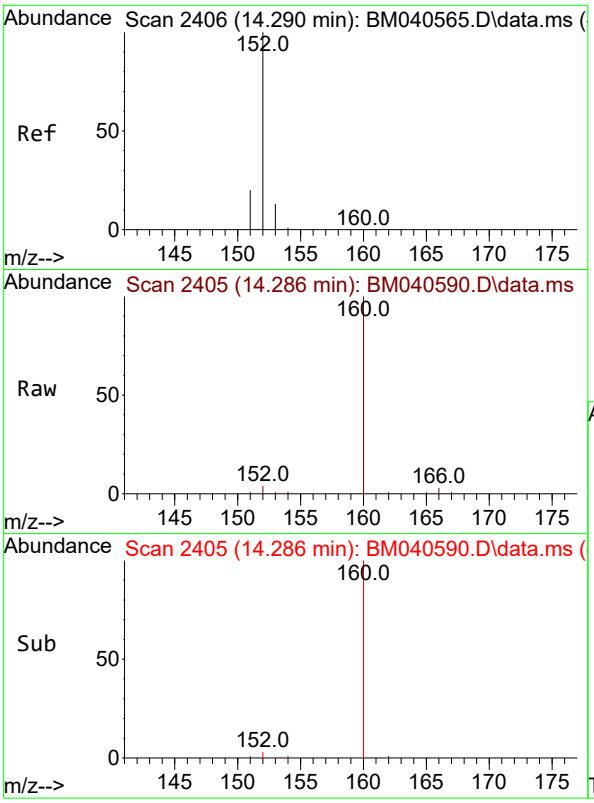
Quant Time: Jul 04 01:31:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 03 13:40:38 2023
Response via : Initial Calibration



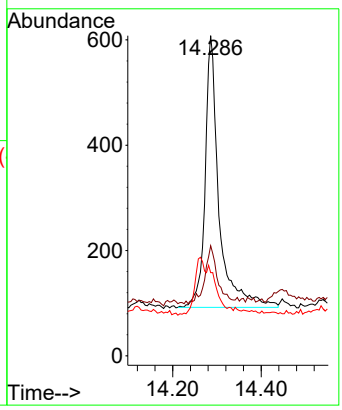


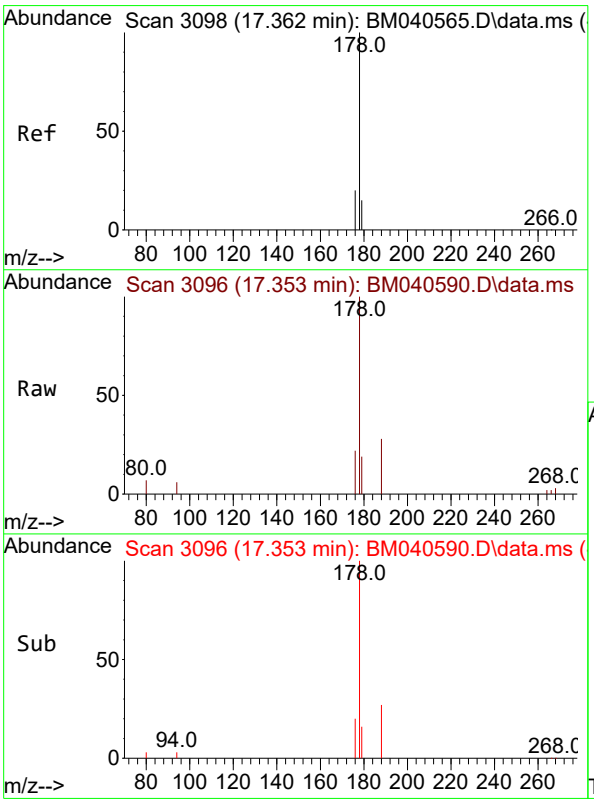
#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.286 min Scan# 24
Delta R.T. -0.005 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

Instrument :
BNA_M
ClientSampleId :
DCGB8DL

Tgt Ion:152 Resp: 1122

Ion	Ratio	Lower	Upper
152	100		
151	34.4	16.2	24.2#
153	26.0	10.9	16.3#

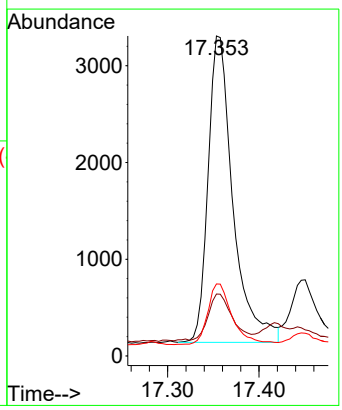


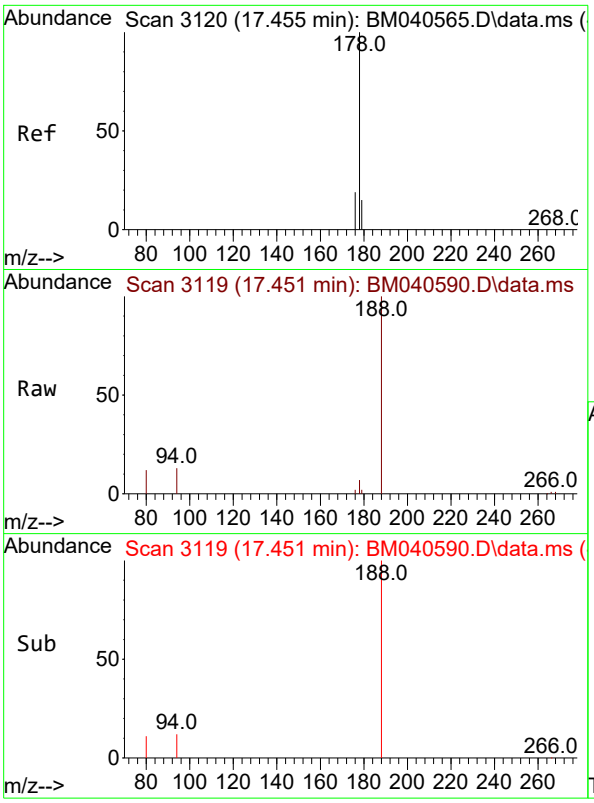


#15
Phenanthrene
Concen: 0.098 ng/ul
RT: 17.353 min Scan# 3096
Delta R.T. -0.008 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

Tgt Ion:178 Resp: 5993

Ion	Ratio	Lower	Upper
178	100		
179	19.4	12.8	19.2#
176	22.5	16.4	24.6



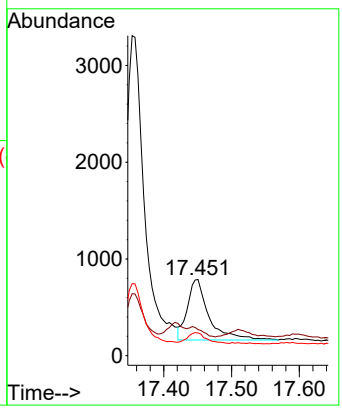


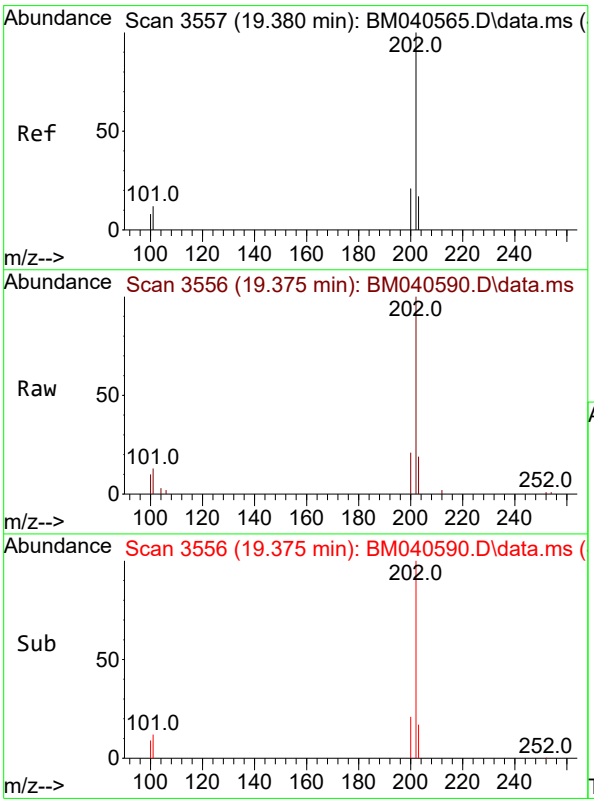
#16
Anthracene
Concen: 0.027 ng/ul
RT: 17.451 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

Instrument :
BNA_M
ClientSampleId :
DCGB8DL

Tgt Ion:178 Resp: 1373

Ion	Ratio	Lower	Upper
178	100		
179	34.3	12.9	19.3#
176	29.9	15.8	23.6#

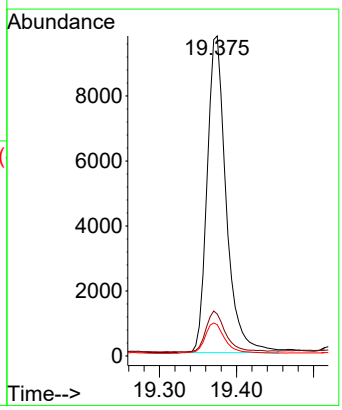


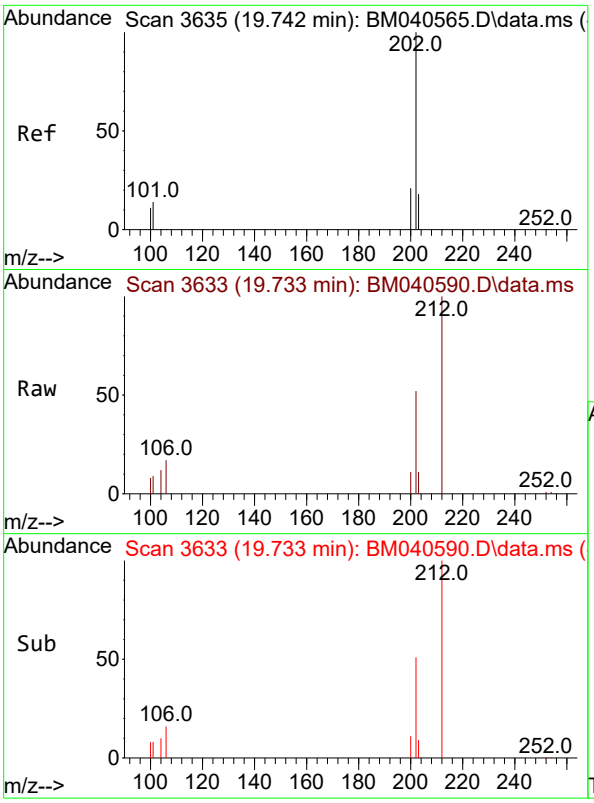


#19
Fluoranthene
Concen: 0.330 ng/ul
RT: 19.375 min Scan# 3556
Delta R.T. -0.005 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

Tgt Ion:202 Resp: 16724

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



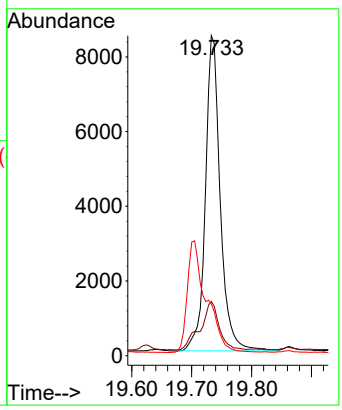


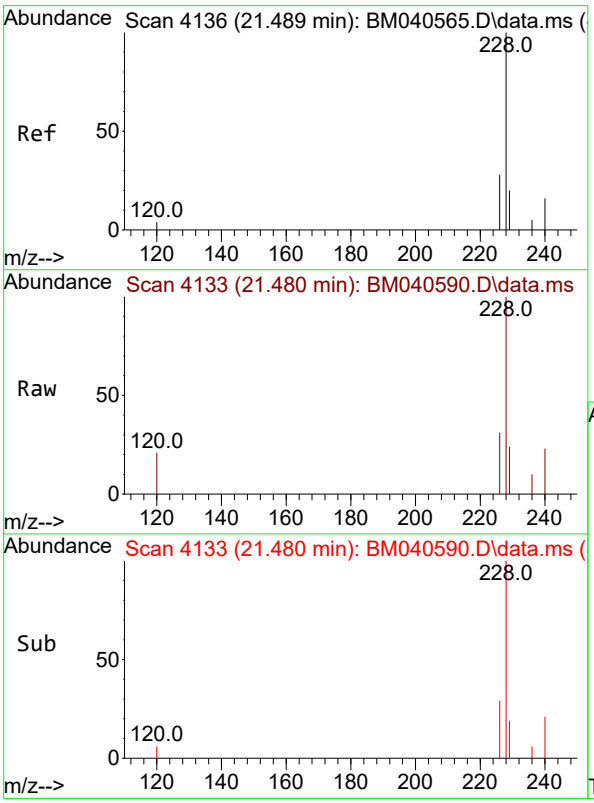
#20
Pyrene
Concen: 0.268 ng/ul
RT: 19.733 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

Instrument :
BNA_M
ClientSampleId :
DCGB8DL

Tgt Ion:202 Resp: 14570

Ion	Ratio	Lower	Upper
202	100		
101	16.9	12.6	18.8
100	16.2	9.8	14.6#

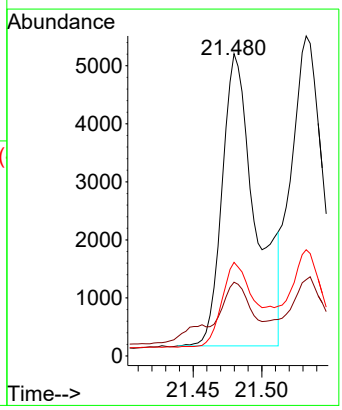


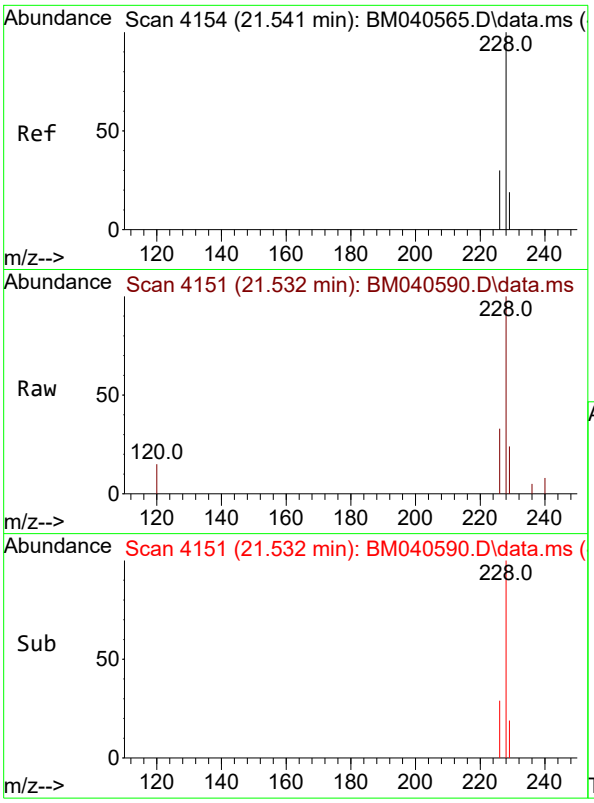


#21
Benzo(a)anthracene
Concen: 0.209 ng/ul
RT: 21.480 min Scan# 4133
Delta R.T. -0.009 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

Tgt Ion:228 Resp: 8436

Ion	Ratio	Lower	Upper
228	100		
229	24.4	16.0	24.0#
226	31.0	22.3	33.5



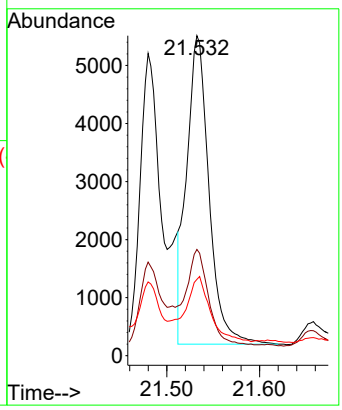


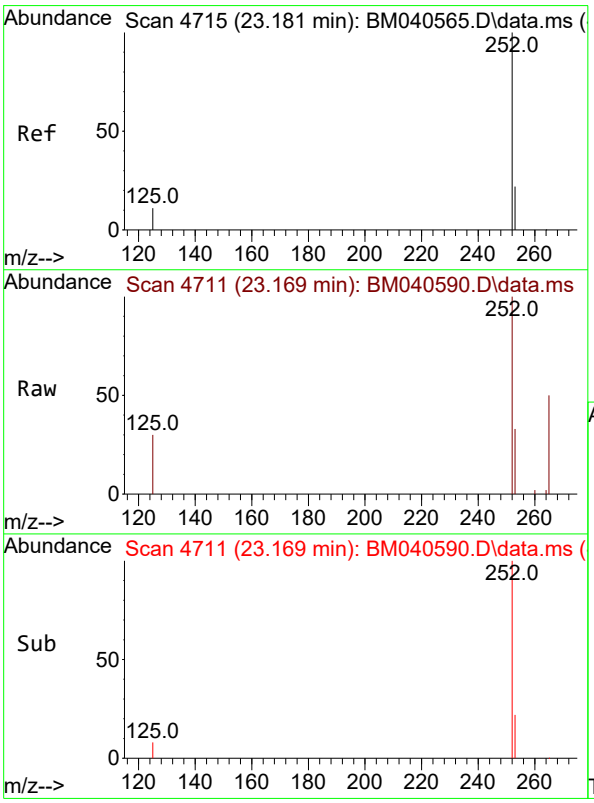
#22
Chrysene
Concen: 0.193 ng/ul
RT: 21.532 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

Instrument :
BNA_M
ClientSampleId :
DCGB8DL

Tgt Ion:228 Resp: 8882

Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.9	37.3
229	23.9	15.8	23.6#

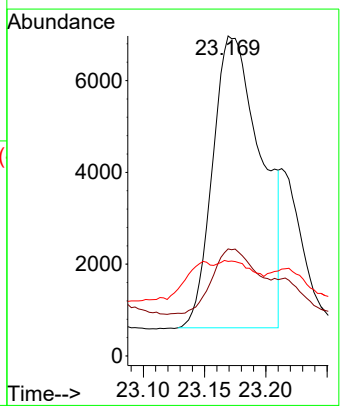


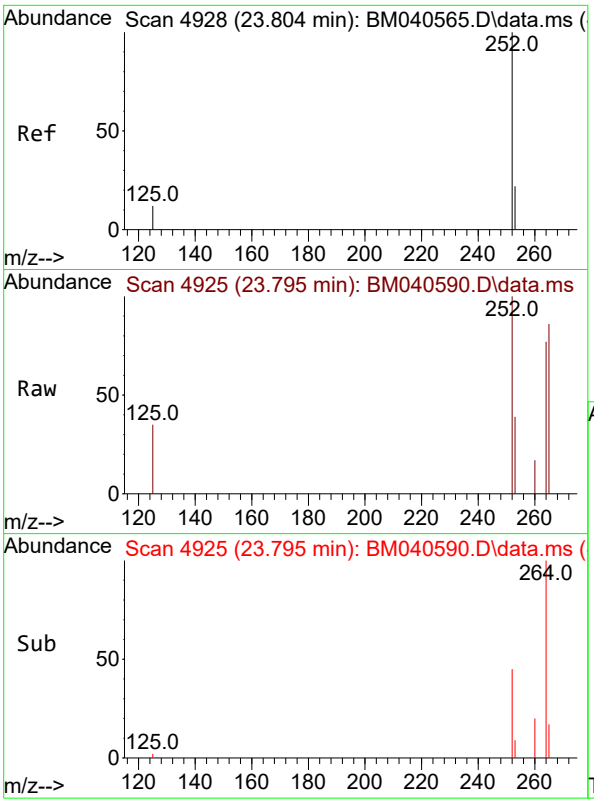


#24
Benzo(b)fluoranthene
Concen: 0.372 ng/ul
RT: 23.169 min Scan# 4711
Delta R.T. -0.012 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

Tgt Ion:252 Resp: 17422

Ion	Ratio	Lower	Upper
252	100		
253	33.4	0.0	52.8
125	29.6	0.0	43.0



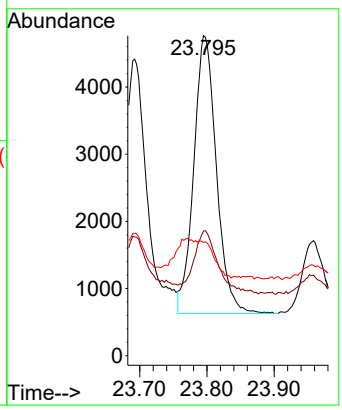


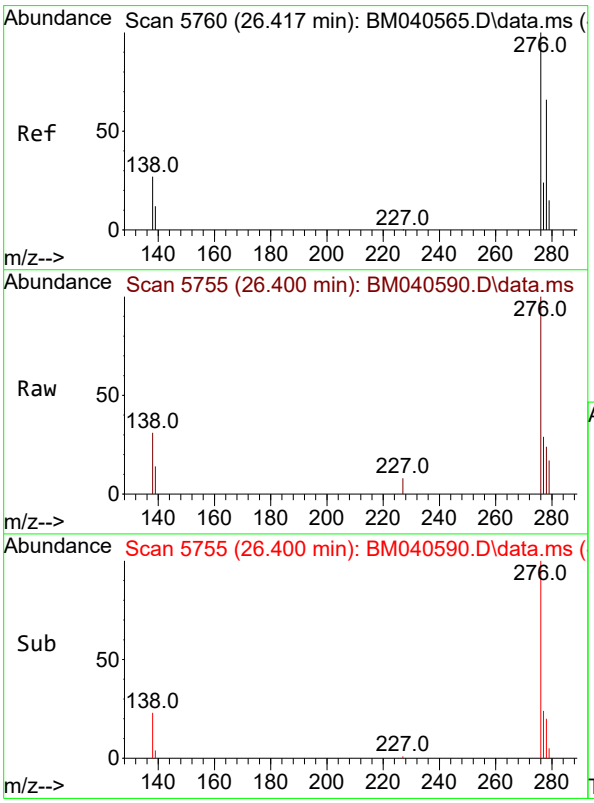
#26
Benzo(a)pyrene
Concen: 0.229 ng/ul
RT: 23.795 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

Instrument :
BNA_M
ClientSampleId :
DCGB8DL

Tgt Ion:252 Resp: 9670

Ion	Ratio	Lower	Upper
252	100		
253	39.0	22.9	34.3#
125	35.4	21.0	31.4#

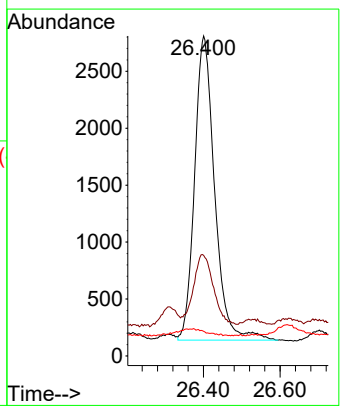


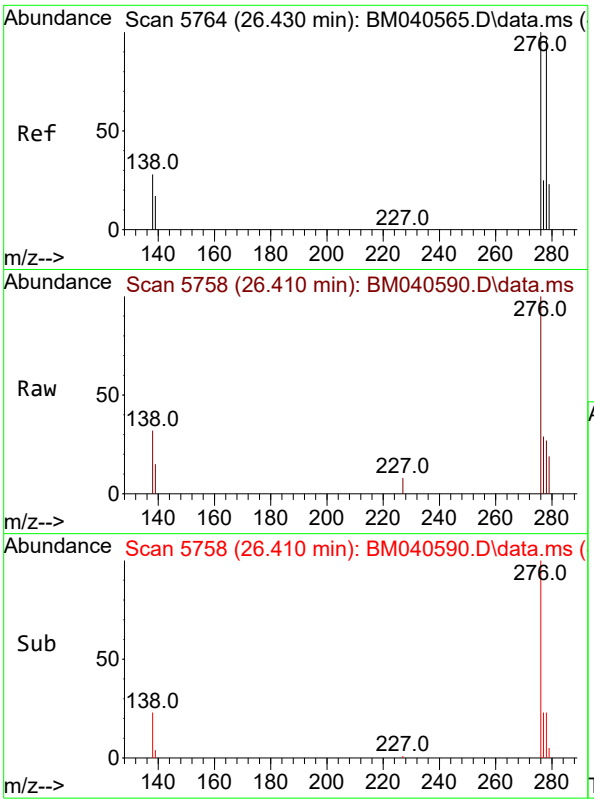


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.165 ng/ul
RT: 26.400 min Scan# 5755
Delta R.T. -0.017 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

Tgt Ion:276 Resp: 9714

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



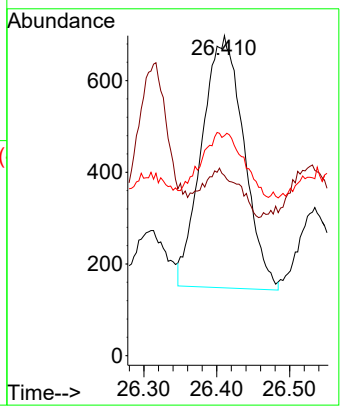


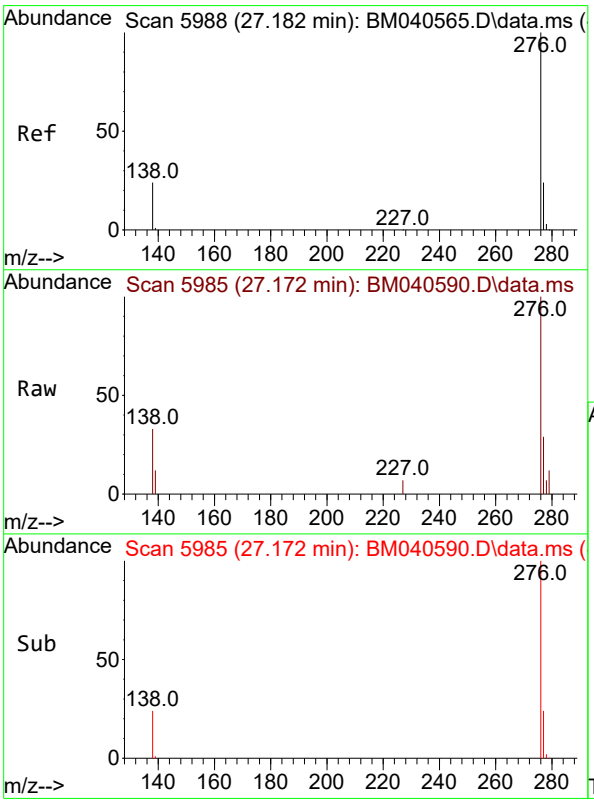
#28
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 26.410 min Scan# 5
Delta R.T. -0.020 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

Instrument :
BNA_M
ClientSampleId :
DCGB8DL

Tgt Ion:278 Resp: 2196

Ion	Ratio	Lower	Upper
278	100		
139	56.3	17.9	26.9#
279	68.8	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.208 ng/ul
RT: 27.172 min Scan# 5985
Delta R.T. -0.010 min
Lab File: BM040590.D
Acq: 04 Jul 2023 00:26

Tgt Ion:276 Resp: 10693

Ion	Ratio	Lower	Upper
276	100		
138	33.0	23.0	34.6
277	29.0	20.3	30.5