Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071223\
Data File : BM040838.D
Acq On : 12 Jul 2023 16:06
Operator : MA/JU
Sample : 03414-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4647

Quant Time: Jul 13 00:12:55 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 : Wed Jul 12 05:37:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	3665	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	13614	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.527	164	6268	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.282	188	10966	0.400	ng/ul	0.00
17) Chrysene-d12	21.477	240	7242	0.400	ng/ul	0.00
23) Perylene-d12	23.871	264	5244	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	1164	0.202	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.275	152	4347	0.228	ng/ul	-0.01
18) Fluoranthene-d10	19.310	212	6248	0.269	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.735	128	4171	0.111	ng/ul#	93
11) Acenaphthene	14.648	153	6328	0.268	ng/ul#	1
15) Phenanthrene	17.320	178	1586	0.047	ng/ul#	78
19) Fluoranthene	19.338	202	2565	0.083	ng/ul#	84
20) Pyrene	19.701	202	2793	0.085	ng/ul#	79
21) Benzo(a)anthracene	21.460	228	1068	0.044	ng/ul#	70
22) Chrysene	21.510	228	1096	0.039	ng/ul#	77
24) Benzo(b)fluoranthene	23.146	252	1230	0.061	ng/ul#	1
26) Benzo(a)pyrene	23.757	252	602	0.033	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.351	276	627	0.025	ng/ul#	81

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

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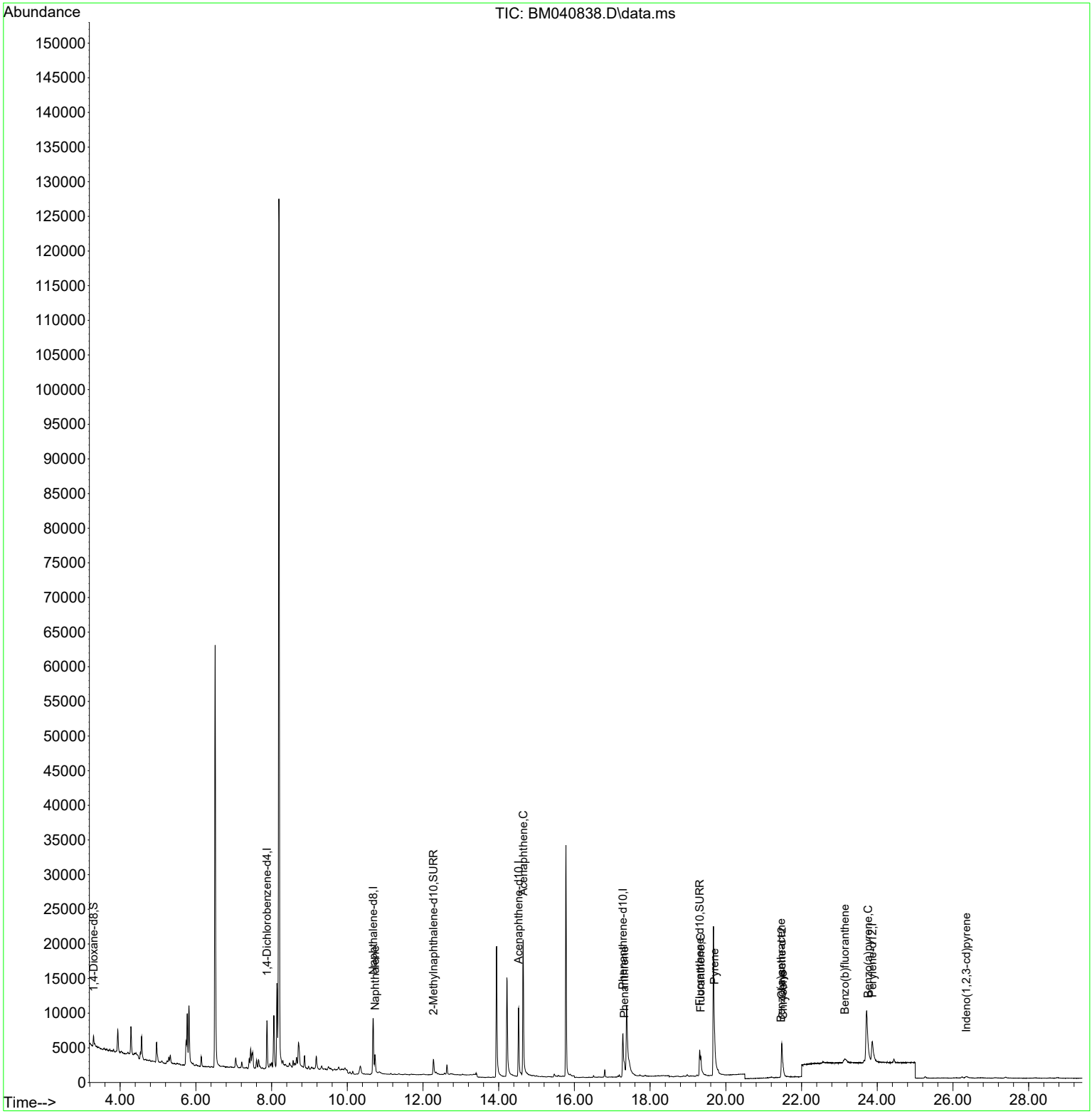
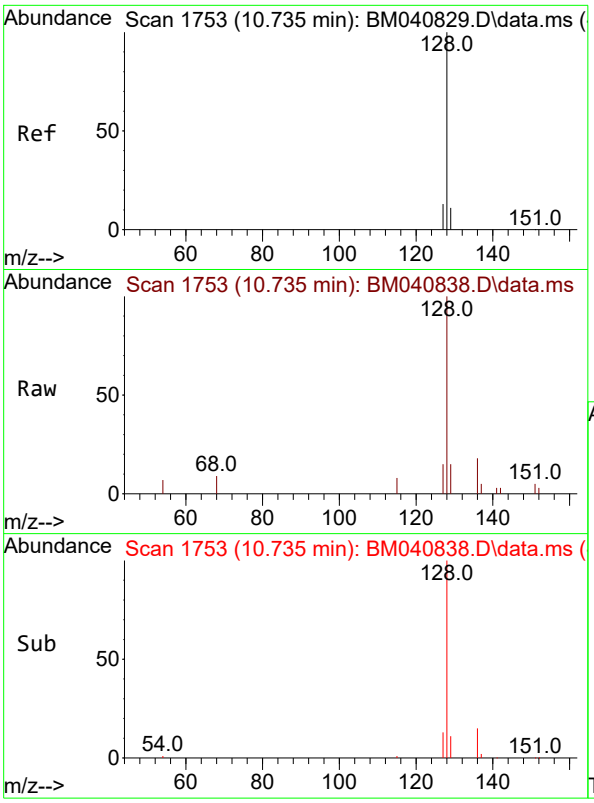


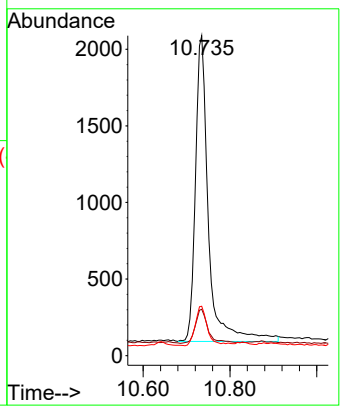


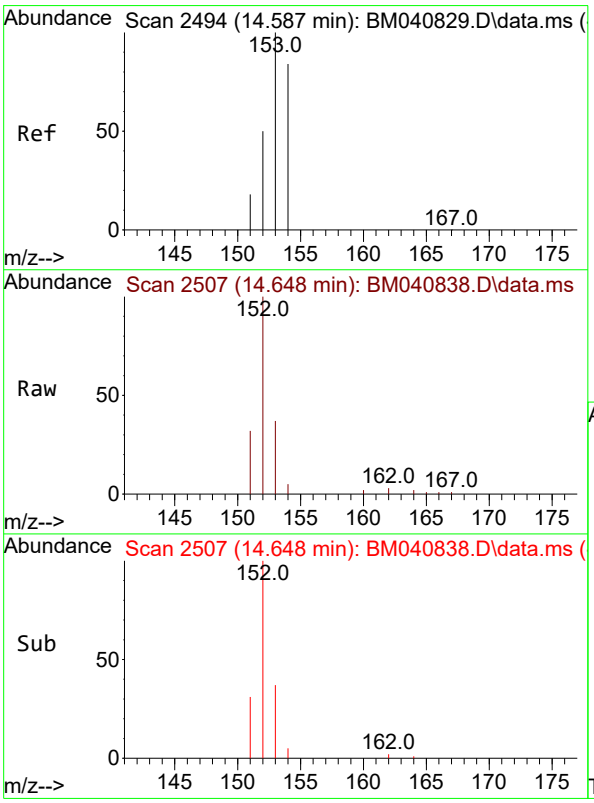
#5
Naphthalene
Concen: 0.111 ng/ul
RT: 10.735 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040838.D
Acq: 12 Jul 2023 16:06

Instrument :
BNA_M
ClientSampleId :
A4647

Tgt Ion:128 Resp: 4171

Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.2	13.8#
127	15.5	10.6	15.8

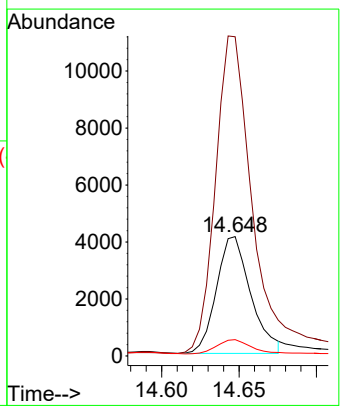


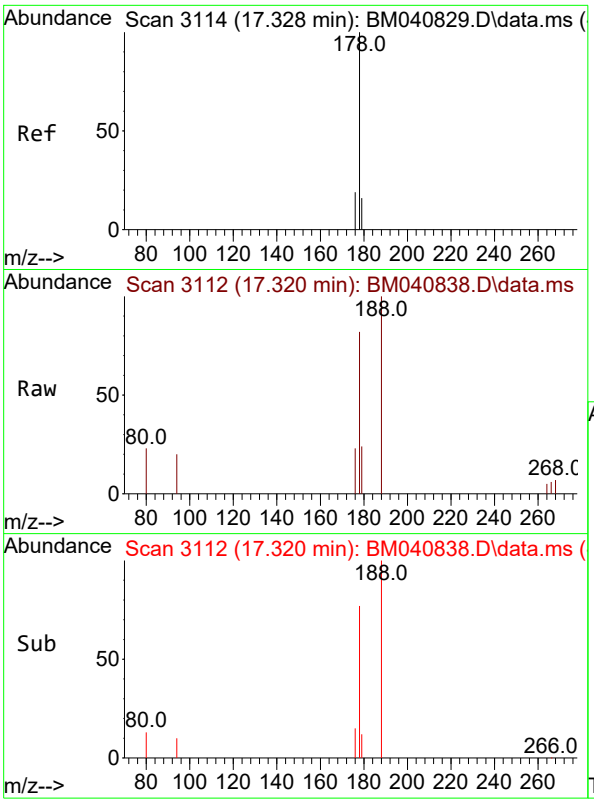


#11
Acenaphthene
Concen: 0.268 ng/ul
RT: 14.648 min Scan# 2507
Delta R.T. 0.051 min
Lab File: BM040838.D
Acq: 12 Jul 2023 16:06

Tgt Ion:153 Resp: 6328

Ion	Ratio	Lower	Upper
153	100		
152	267.5	41.0	61.4#
154	13.7	70.8	106.2#



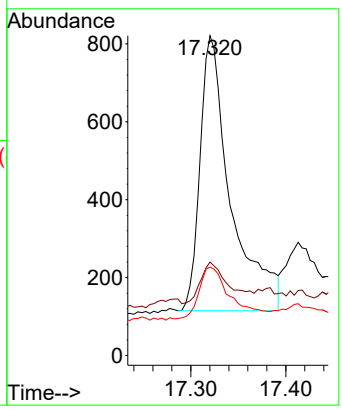


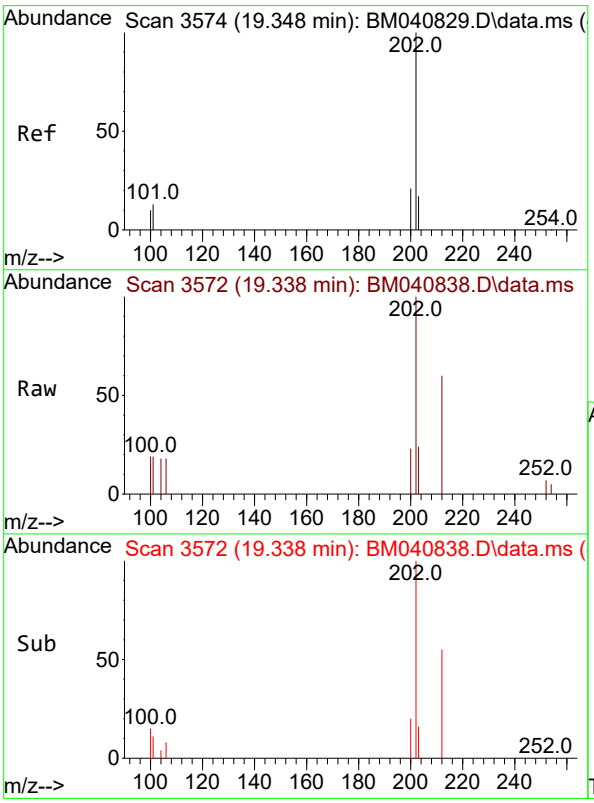
#15
Phenanthrene
Concen: 0.047 ng/ul
RT: 17.320 min Scan# 3
Delta R.T. -0.013 min
Lab File: BM040838.D
Acq: 12 Jul 2023 16:06

Instrument :
BNA_M
ClientSampleId :
A4647

Tgt Ion:178 Resp: 1586

Ion	Ratio	Lower	Upper
178	100		
179	29.2	12.8	19.2#
176	27.6	16.4	24.6#

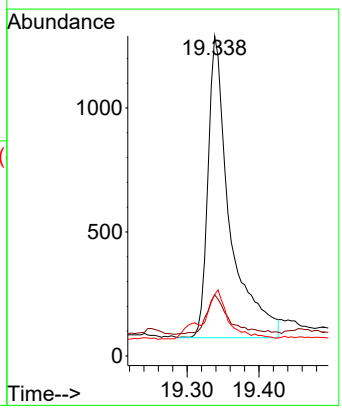


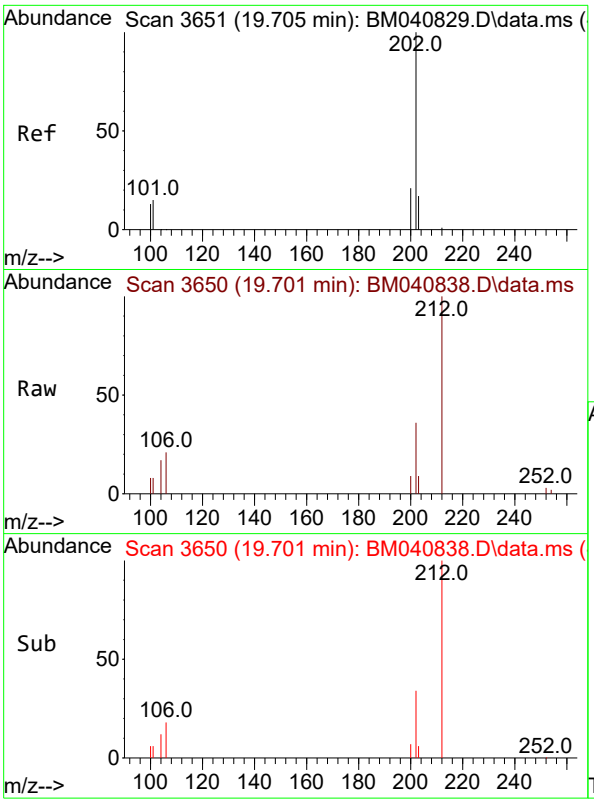


#19
Fluoranthene
Concen: 0.083 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.014 min
Lab File: BM040838.D
Acq: 12 Jul 2023 16:06

Tgt Ion:202 Resp: 2565

Ion	Ratio	Lower	Upper
202	100		
101	19.1	11.4	17.0#
100	19.1	8.7	13.1#



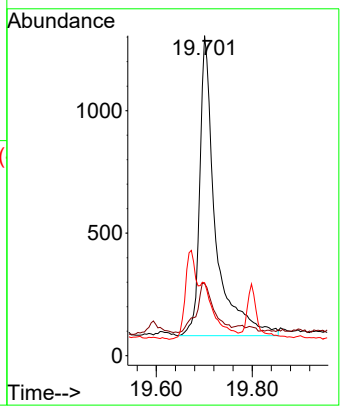


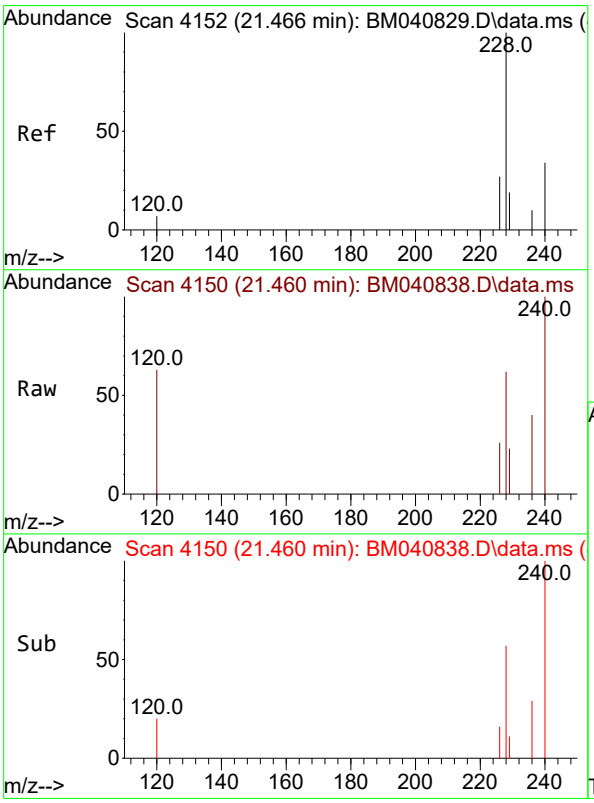
#20
Pyrene
Concen: 0.085 ng/ul
RT: 19.701 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040838.D
Acq: 12 Jul 2023 16:06

Instrument :
BNA_M
ClientSampleId :
A4647

Tgt Ion:202 Resp: 2793

Ion	Ratio	Lower	Upper
202	100		
101	22.5	12.6	18.8#
100	22.8	9.8	14.6#

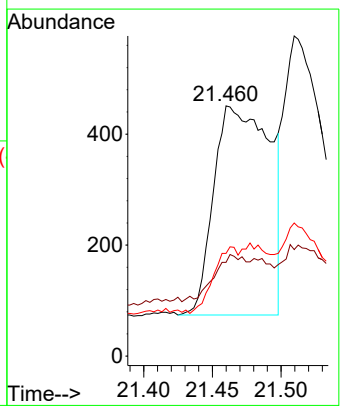


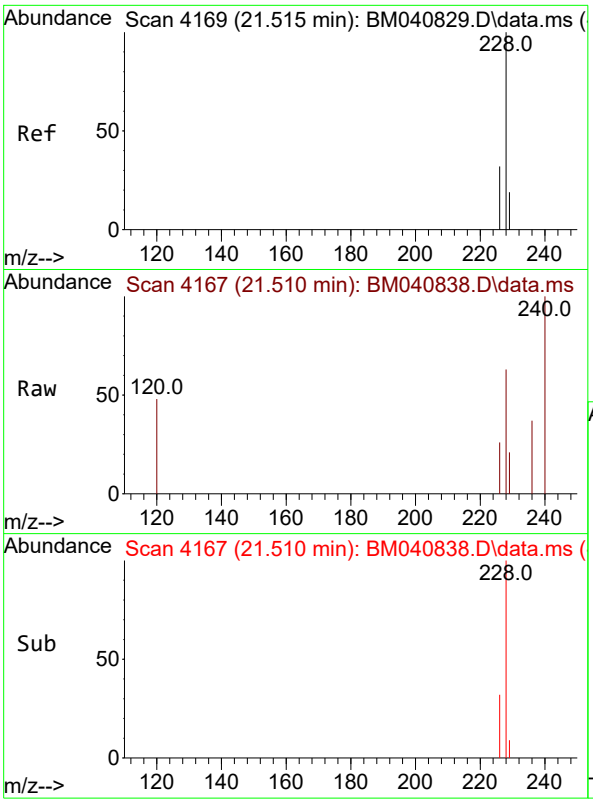


#21
Benzo(a)anthracene
Concen: 0.044 ng/ul
RT: 21.460 min Scan# 4150
Delta R.T. -0.009 min
Lab File: BM040838.D
Acq: 12 Jul 2023 16:06

Tgt Ion:228 Resp: 1068

Ion	Ratio	Lower	Upper
228	100		
229	37.5	16.0	24.0#
226	41.0	22.3	33.5#



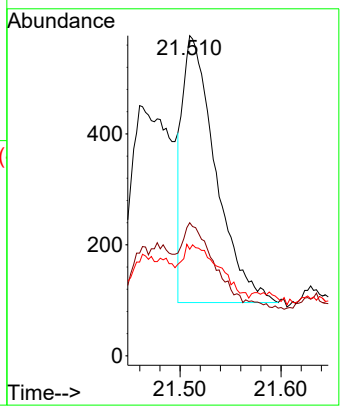


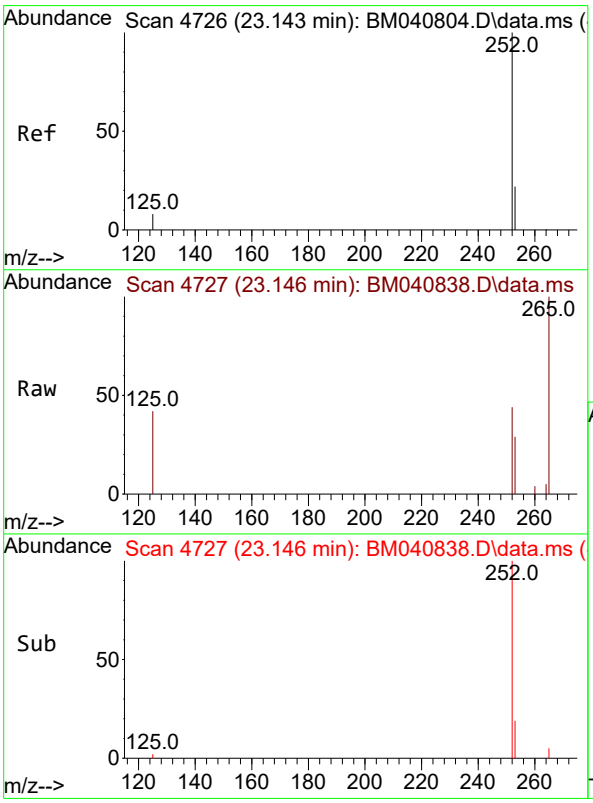
#22
Chrysene
Concen: 0.039 ng/ul
RT: 21.510 min Scan# 4
Delta R.T. -0.006 min
Lab File: BM040838.D
Acq: 12 Jul 2023 16:06

Instrument :
BNA_M
ClientSampleId :
A4647

Tgt Ion:228 Resp: 1096

Ion	Ratio	Lower	Upper
228	100		
226	41.6	24.9	37.3#
229	33.3	15.8	23.6#

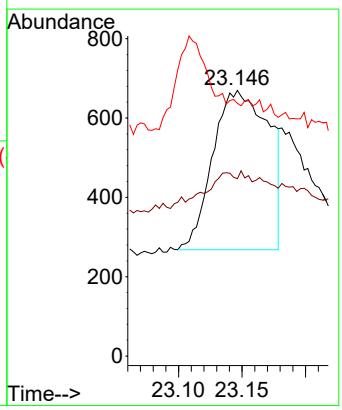


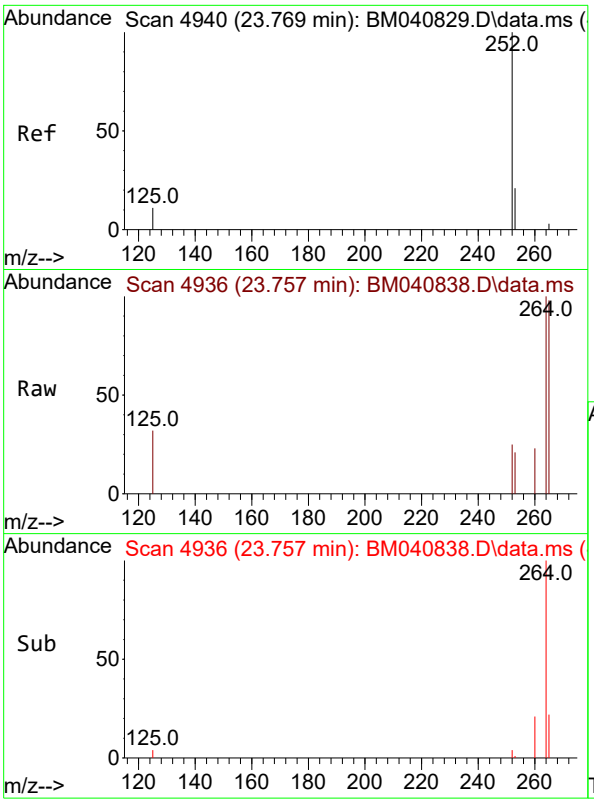


#24
Benzo(b)fluoranthene
Concen: 0.061 ng/ul
RT: 23.146 min Scan# 4727
Delta R.T. 0.003 min
Lab File: BM040838.D
Acq: 12 Jul 2023 16:06

Tgt Ion:252 Resp: 1230

Ion	Ratio	Lower	Upper
252	100		
253	66.7	0.0	52.8#
125	95.1	0.0	43.0#



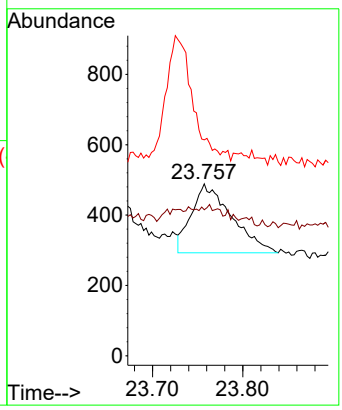


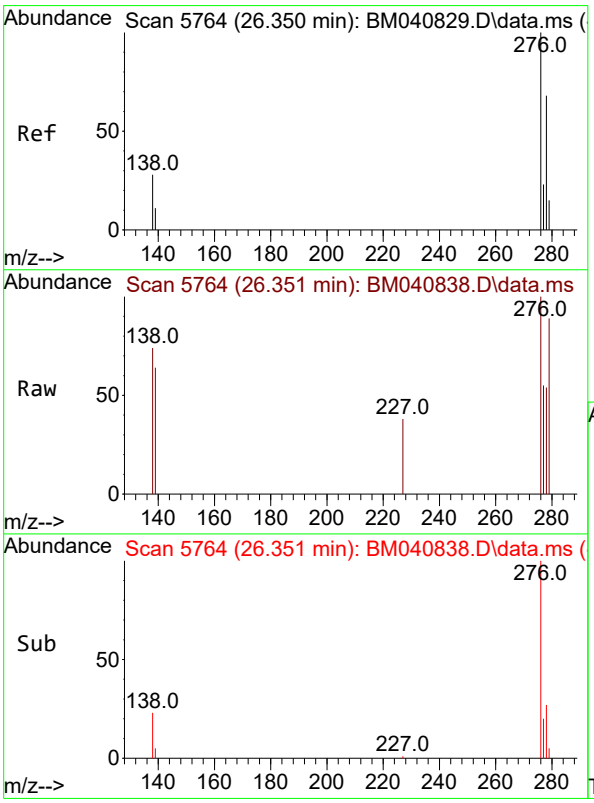
#26
Benzo(a)pyrene
Concen: 0.033 ng/ul
RT: 23.757 min Scan# 4
Delta R.T. -0.015 min
Lab File: BM040838.D
Acq: 12 Jul 2023 16:06

Instrument :
BNA_M
ClientSampleId :
A4647

Tgt Ion:252 Resp: 602

Ion	Ratio	Lower	Upper
252	100		
253	84.9	22.9	34.3#
125	125.6	21.0	31.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.025 ng/ul
RT: 26.351 min Scan# 5764
Delta R.T. -0.013 min
Lab File: BM040838.D
Acq: 12 Jul 2023 16:06

Tgt Ion:276 Resp: 627

Ion	Ratio	Lower	Upper
276	100		
138	20.4	24.5	36.7#
227	0.5	0.1	0.1#