Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
Data File : BM040858.D
Acq On : 13 Jul 2023 20:31
Operator : MA/JU
Sample : 03418-21
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 14 03:17:34 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 : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	4154	0.400	ng/ul	0.00
4) Naphthalene-d8	10.669	136	14103	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	6346	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	13903	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.454	240	9349	0.400	ng/ul	0.00
23) Perylene-d12	23.833	264	11734	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	24288	3.722	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.264	152	5423	0.274	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	8972	0.299	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.718	128	2256	0.058	ng/ul#	87
10) Acenaphthylene	14.231	152	1837	0.065	ng/ul#	80
11) Acenaphthene	14.573	153	942	0.039	ng/ul	96
12) Fluorene	15.563	166	1158	0.045	ng/ul#	95
15) Phenanthrene	17.303	178	20819	0.482	ng/ul	99
16) Anthracene	17.396	178	3609	0.099	ng/ul#	92
19) Fluoranthene	19.324	202	51909	1.307	ng/ul	96
20) Pyrene	19.687	202	45056	1.058	ng/ul	99
21) Benzo(a)anthracene	21.436	228	20272	0.641	ng/ul	96
22) Chrysene	21.492	228	24973	0.692	ng/ul	96
24) Benzo(b)fluoranthene	23.111	252	33481	0.737	ng/ul	99
26) Benzo(a)pyrene	23.728	252	22315	0.546	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.290	276	17711	0.311	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.297	278	4243	0.095	ng/ul#	69
29) Benzo(g,h,i)perylene	27.051	276	18658	0.374	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071323\
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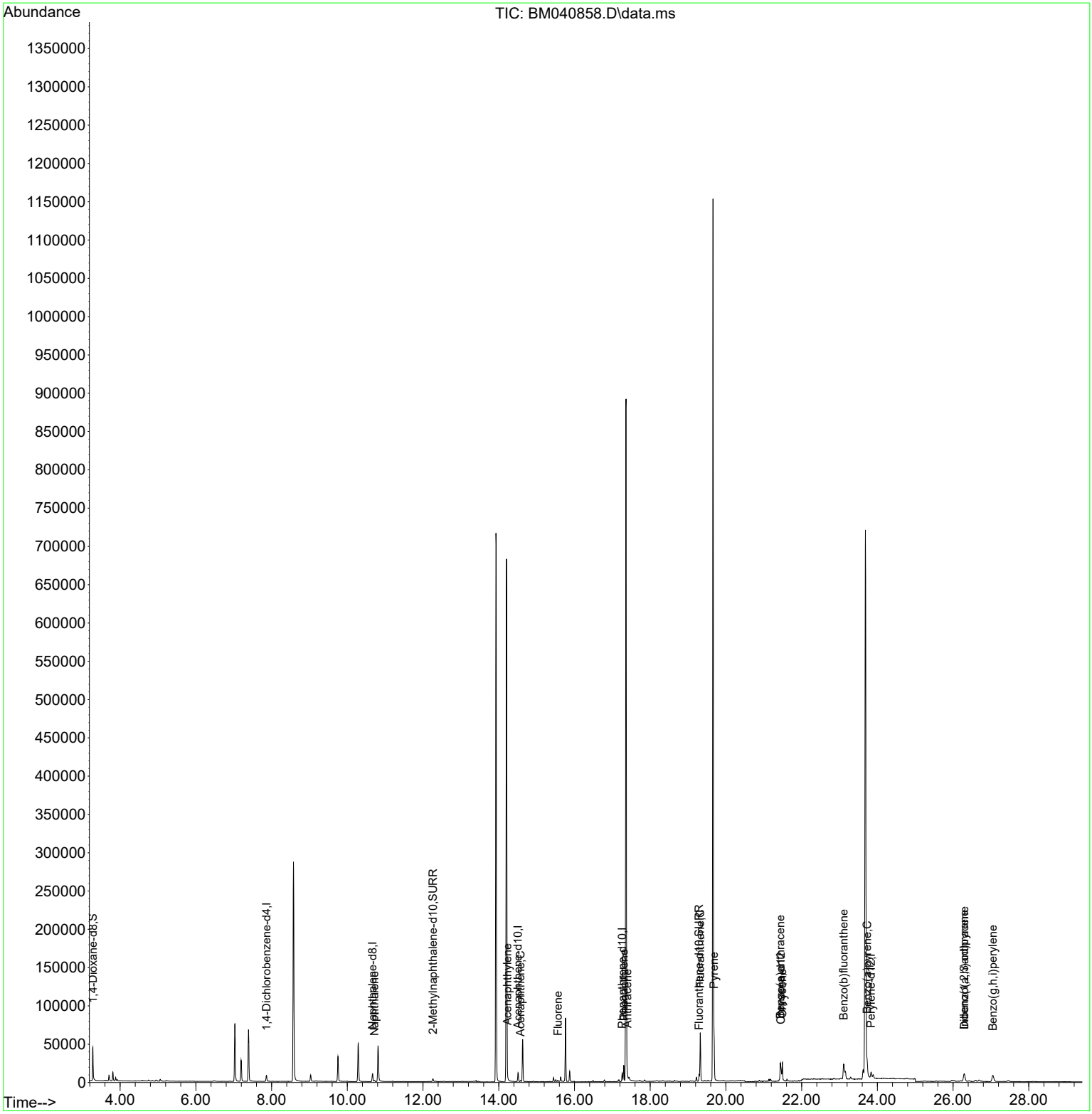
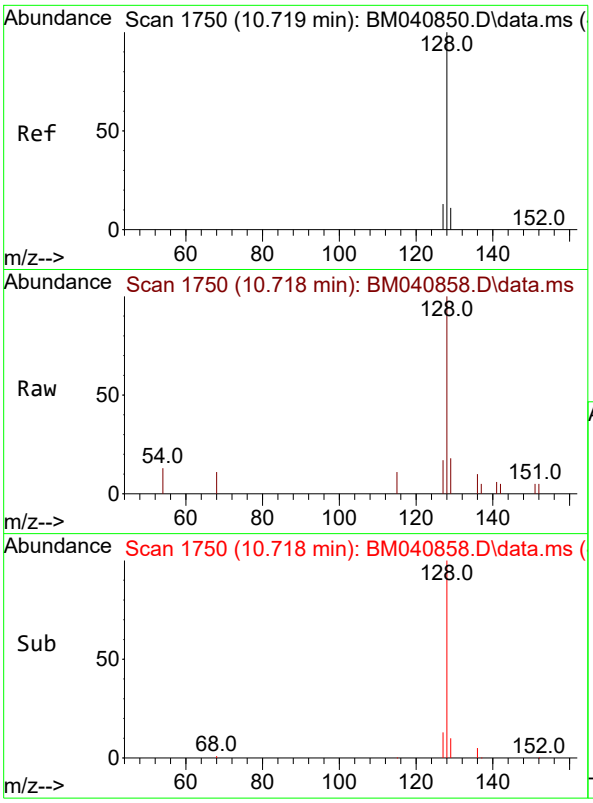
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 14 03:17:34 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 : Fri Jul 14 03:14:53 2023
Response via : Initial Calibration



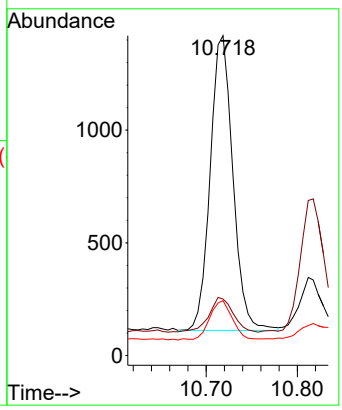


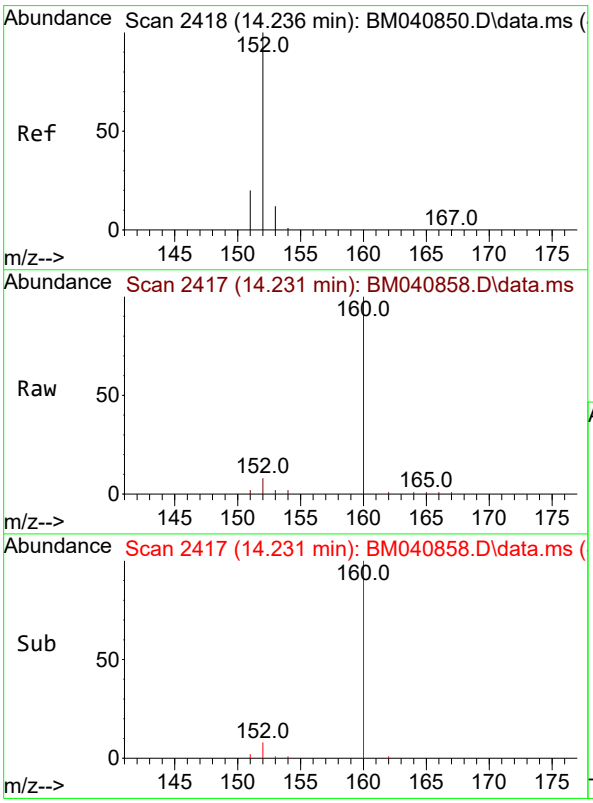
#5
Naphthalene
Concen: 0.058 ng/ul
RT: 10.718 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 2256

Ion	Ratio	Lower	Upper
128	100		
129	17.7	9.2	13.8#
127	17.2	10.6	15.8#

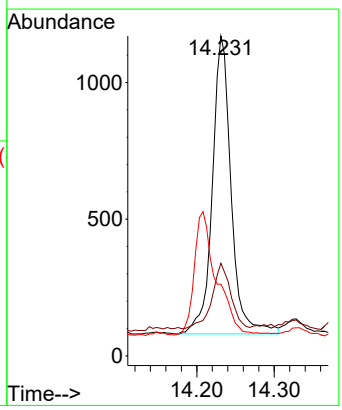


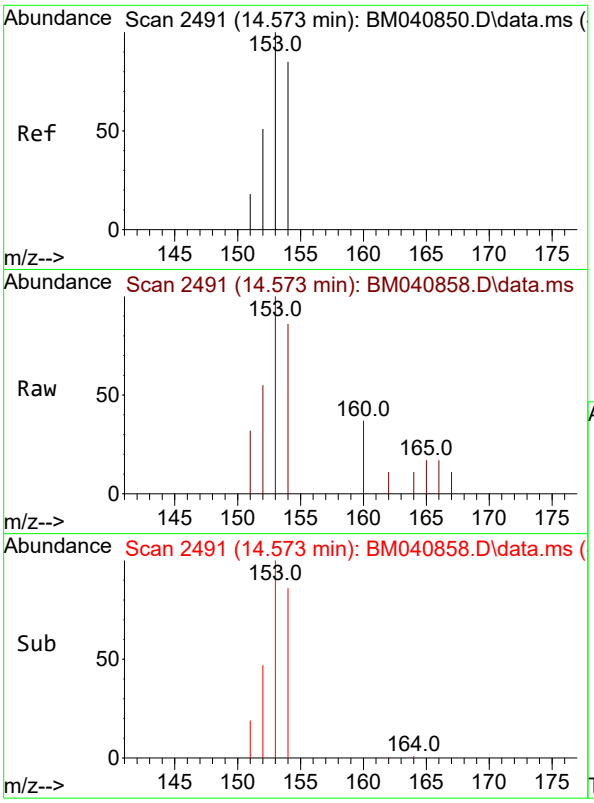


#10
Acenaphthylene
Concen: 0.065 ng/ul
RT: 14.231 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Tgt Ion:152 Resp: 1837

Ion	Ratio	Lower	Upper
152	100		
151	29.0	16.2	24.2#
153	22.5	10.9	16.3#



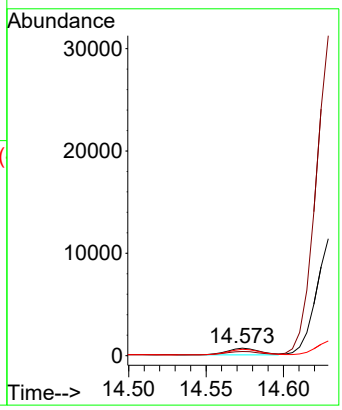


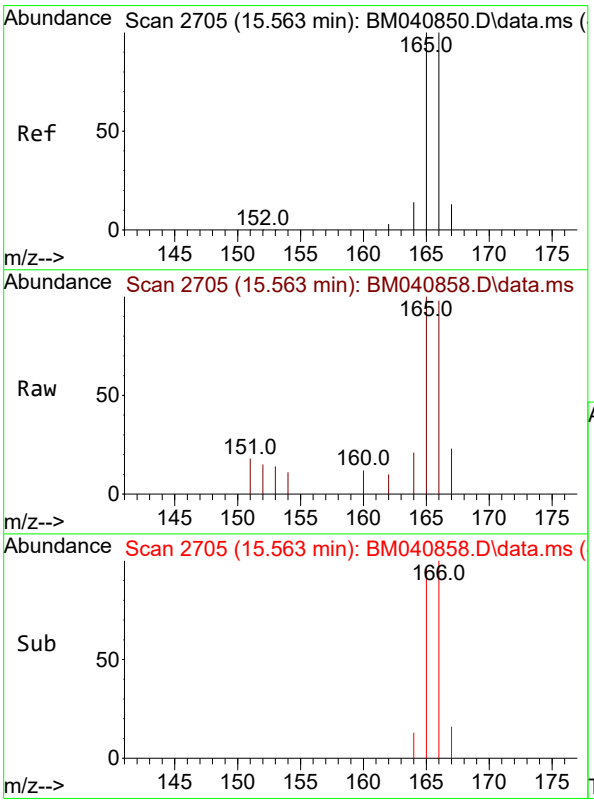
#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.573 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 942

Ion	Ratio	Lower	Upper
153	100		
152	55.1	41.0	61.4
154	86.2	70.8	106.2

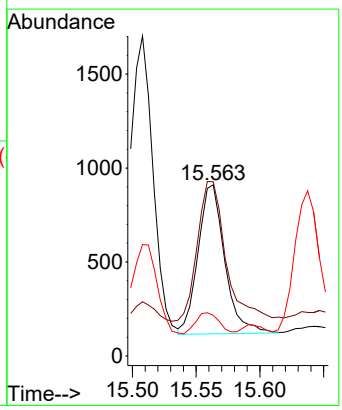


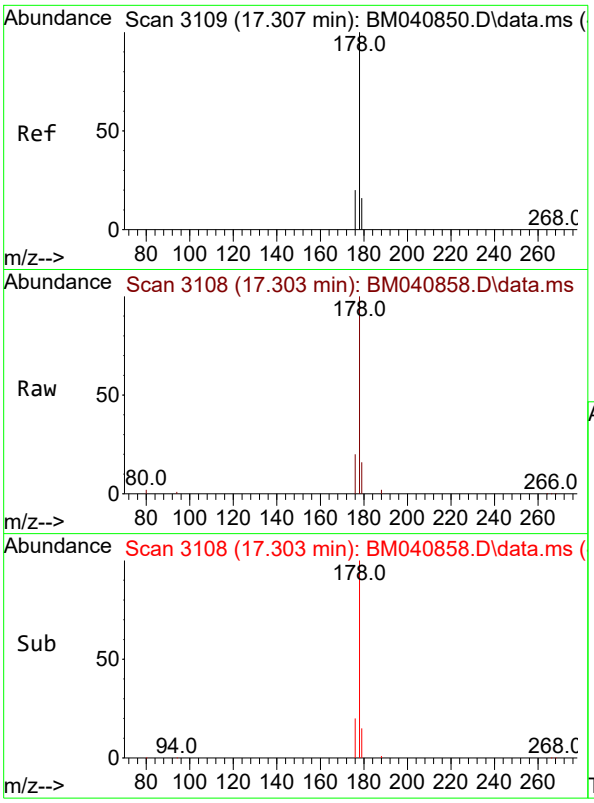


#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.563 min Scan# 2705
Delta R.T. -0.000 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Tgt Ion:166 Resp: 1158

Ion	Ratio	Lower	Upper
166	100		
165	101.8	79.6	119.4
167	23.7	11.4	17.0#



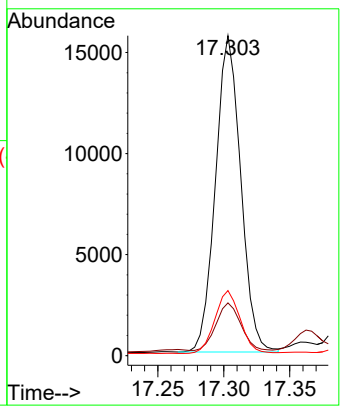


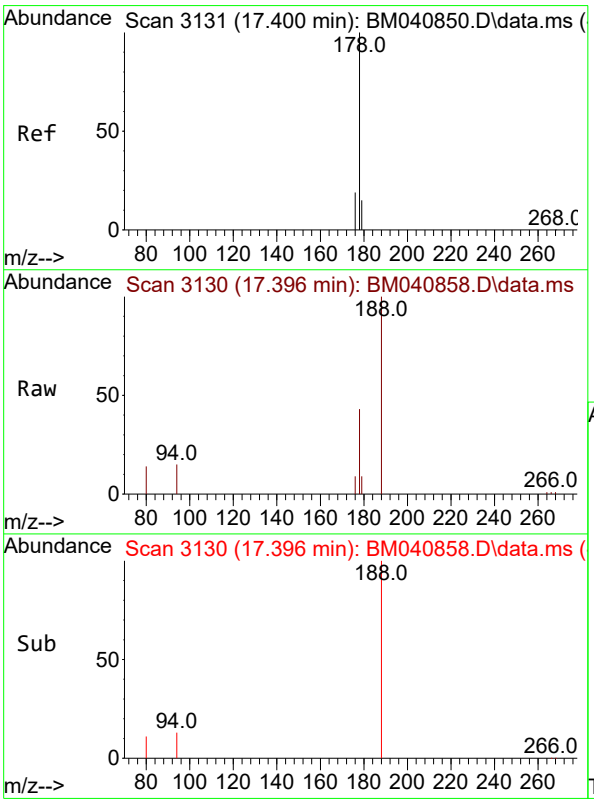
#15
Phenanthrene
Concen: 0.482 ng/ul
RT: 17.303 min Scan# 3
Delta R.T. -0.004 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 20819

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.8	19.2
176	20.4	16.4	24.6

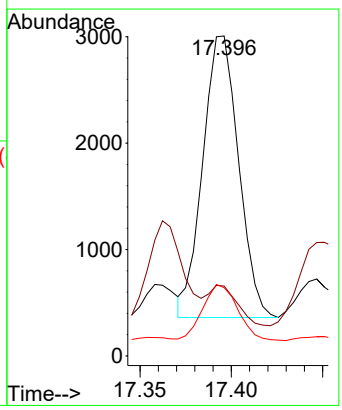


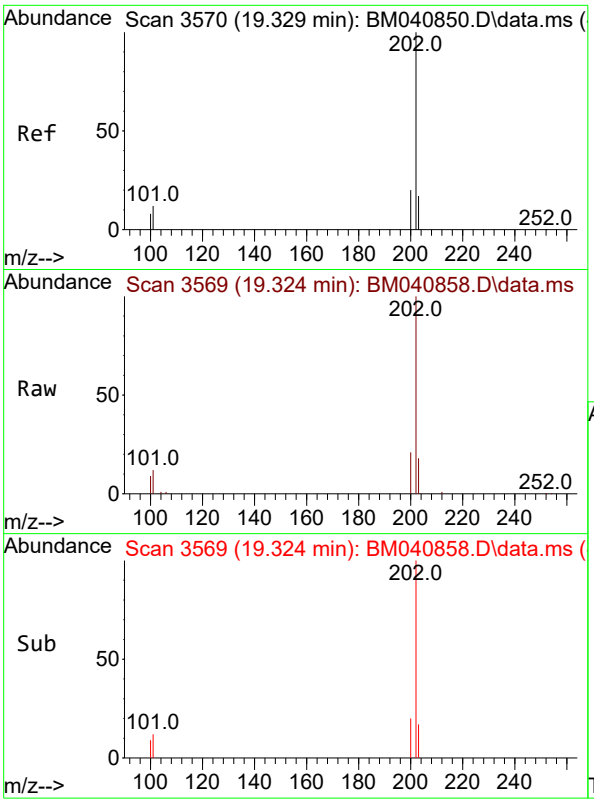


#16
Anthracene
Concen: 0.099 ng/ul
RT: 17.396 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Tgt Ion:178 Resp: 3609

Ion	Ratio	Lower	Upper
178	100		
179	21.8	12.9	19.3#
176	21.4	15.8	23.6



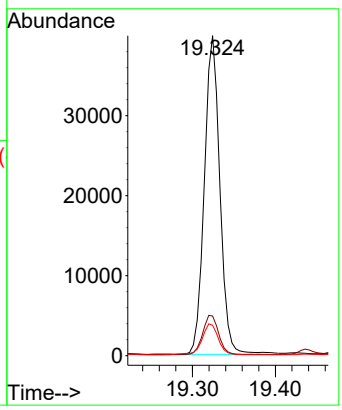


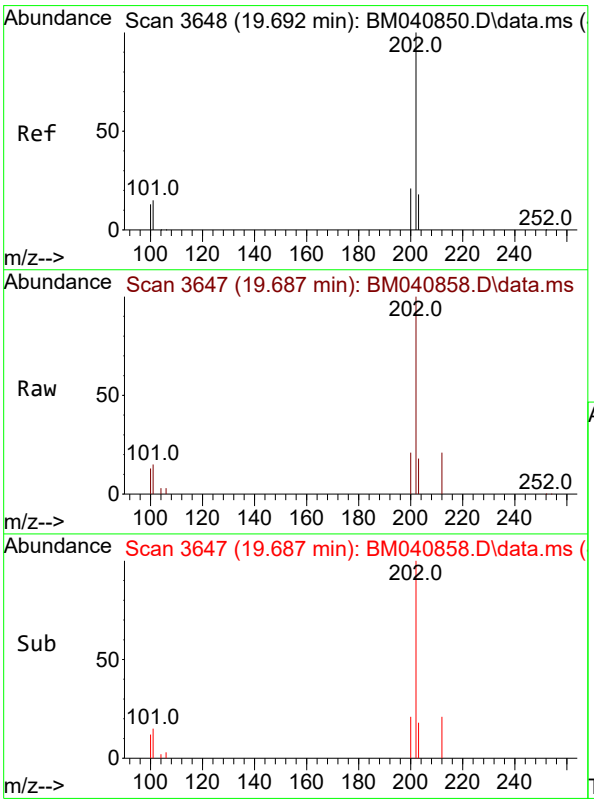
#19
Fluoranthene
Concen: 1.307 ng/ul
RT: 19.324 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 51909

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.4	17.0
100	9.5	8.7	13.1

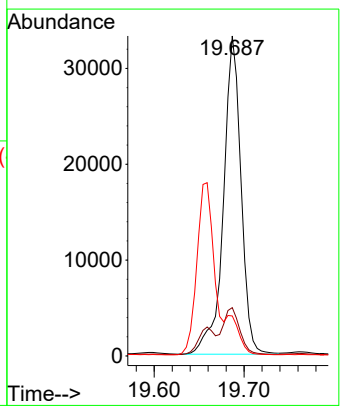


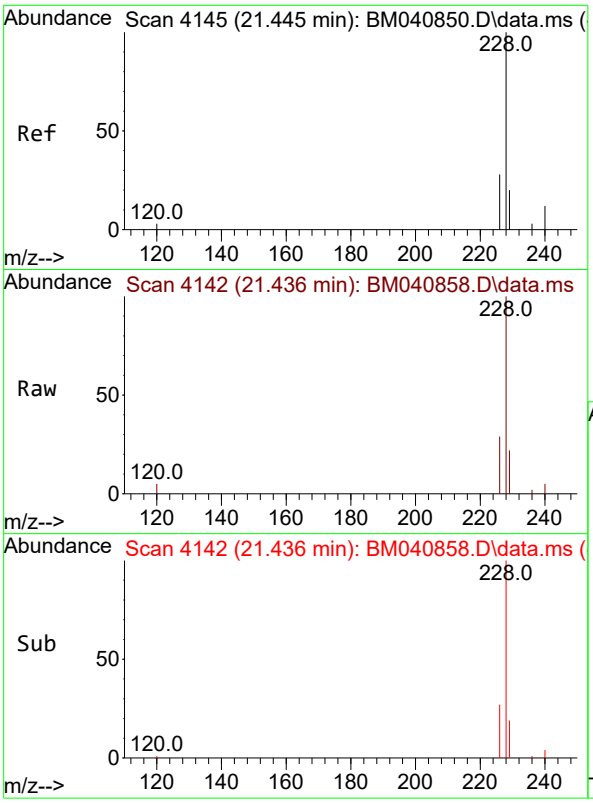


#20
Pyrene
Concen: 1.058 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. -0.005 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Tgt Ion:202 Resp: 45056

Ion	Ratio	Lower	Upper
202	100		
101	15.1	12.6	18.8
100	12.5	9.8	14.6



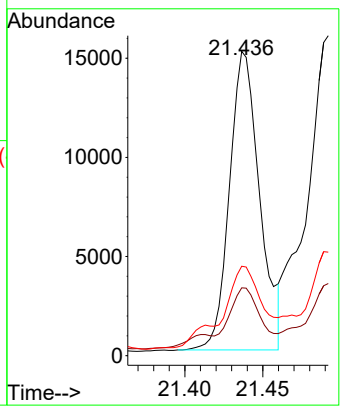


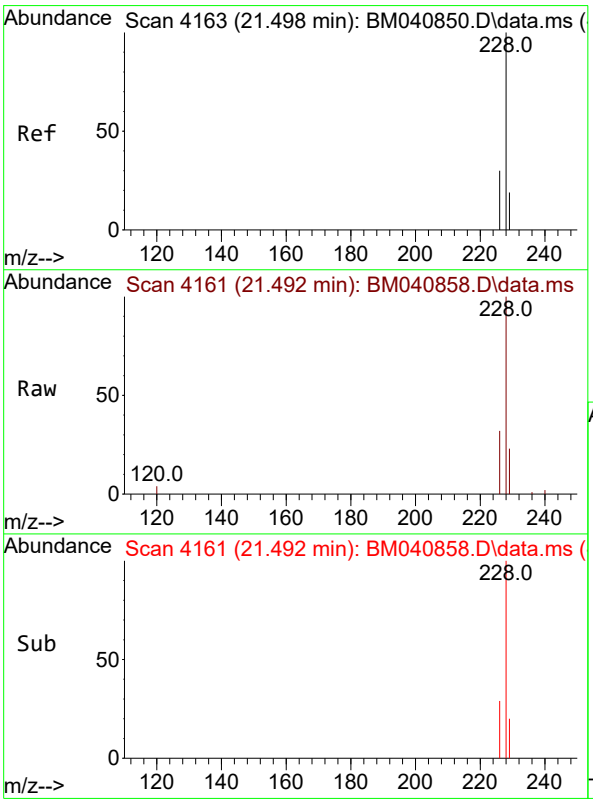
#21
Benzo(a)anthracene
Concen: 0.641 ng/ul
RT: 21.436 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 20272

Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.0	24.0
226	29.4	22.3	33.5

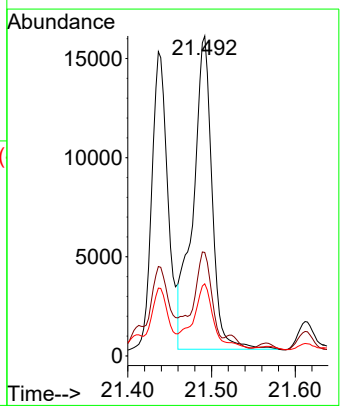


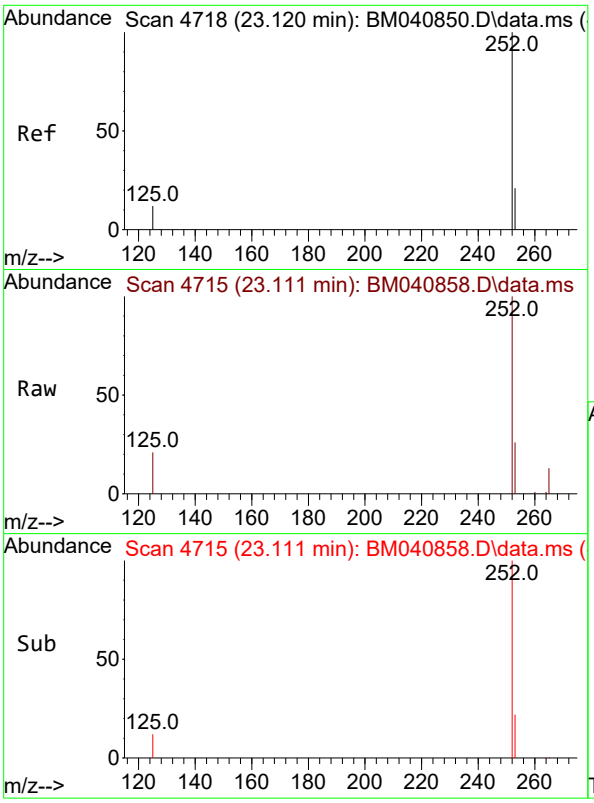


#22
Chrysene
Concen: 0.692 ng/ul
RT: 21.492 min Scan# 4161
Delta R.T. -0.006 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Tgt Ion:228 Resp: 24973

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	22.6	15.8	23.6



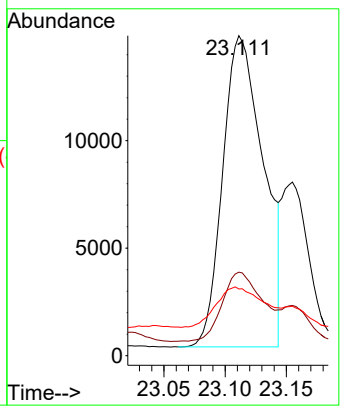


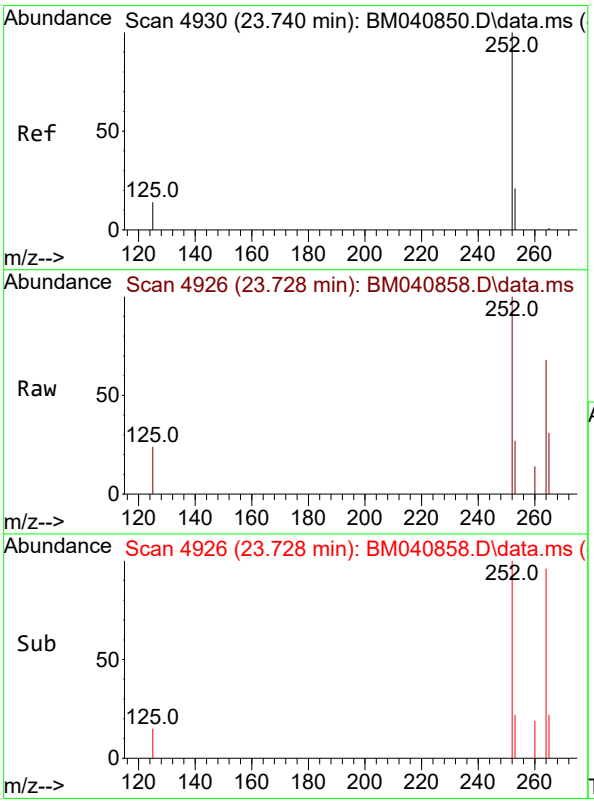
#24
Benzo(b)fluoranthene
Concen: 0.737 ng/ul
RT: 23.111 min Scan# 4
Delta R.T. -0.009 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 33481

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	52.8
125	20.9	0.0	43.0

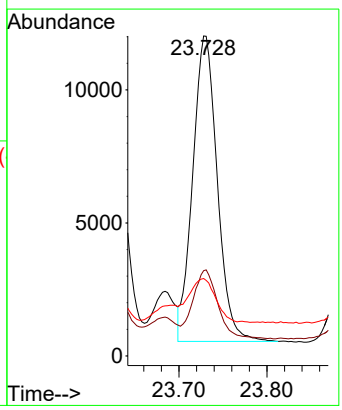


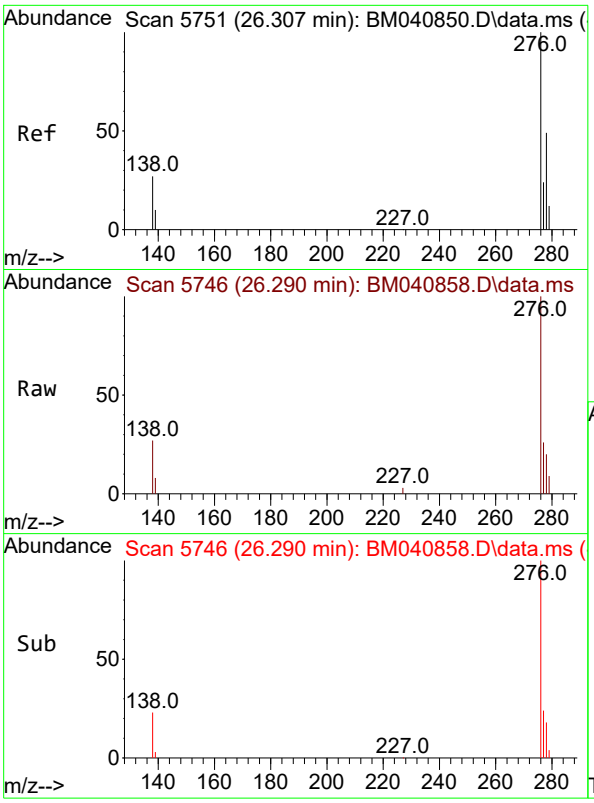


#26
Benzo(a)pyrene
Concen: 0.546 ng/ul
RT: 23.728 min Scan# 4926
Delta R.T. -0.012 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Tgt Ion:252 Resp: 22315

Ion	Ratio	Lower	Upper
252	100		
253	26.7	22.9	34.3
125	24.2	21.0	31.4



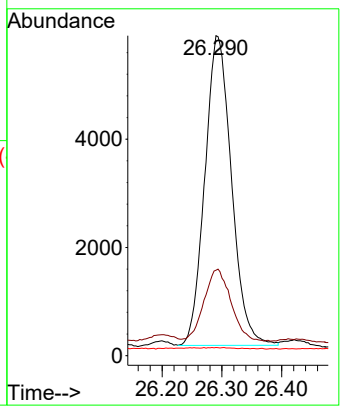


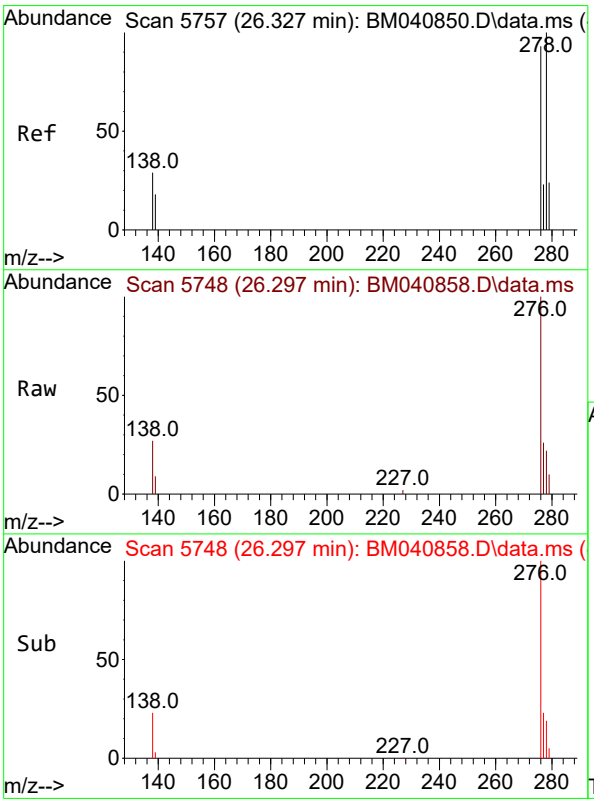
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.311 ng/ul
RT: 26.290 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 17711

Ion	Ratio	Lower	Upper
276	100		
138	24.2	24.5	36.7#
227	0.0	0.1	0.1#

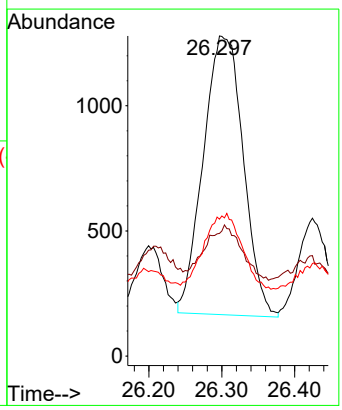


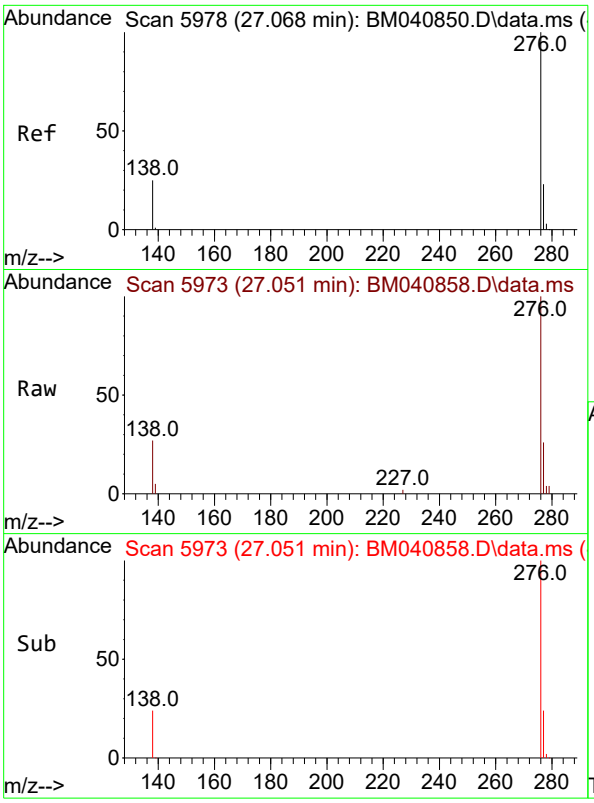


#28
Dibenzo(a,h)anthracene
Concen: 0.095 ng/ul
RT: 26.297 min Scan# 5748
Delta R.T. -0.030 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Tgt Ion:278 Resp: 4243

Ion	Ratio	Lower	Upper
278	100		
139	38.3	17.9	26.9#
279	42.8	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.374 ng/ul
RT: 27.051 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM040858.D
Acq: 13 Jul 2023 20:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 18658

Ion	Ratio	Lower	Upper
276	100		
138	27.2	23.0	34.6
277	26.1	20.3	30.5