Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040878.D
Acq On : 14 Jul 2023 14:24
Operator : MA/JU
Sample : 03418-06DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4644DL

Quant Time: Jul 15 03:15:03 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	7.862	152	3880	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	13853	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	6805	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.257	188	17126	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.451	240	7741	0.400	ng/ul	0.00
23) Perylene-d12	23.830	264	7349	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3614	0.593	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	923	0.048	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	1374	0.055	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.713	128	4866	0.127	ng/ul#	94
7) 2-Methylnaphthalene	12.330	142	661	0.029	ng/ul	96
8) 1-Methylnaphthalene	12.550	142	1360	0.061	ng/ul	90
10) Acenaphthylene	14.227	152	882	0.029	ng/ul#	37
11) Acenaphthene	14.629	153	81047	3.157	ng/ul#	1
12) Fluorene	15.559	166	1712	0.062	ng/ul#	92
15) Phenanthrene	17.299	178	18620	0.350	ng/ul	99
16) Anthracene	17.392	178	2054	0.046	ng/ul#	82
19) Fluoranthene	19.320	202	24404	0.742	ng/ul	98
20) Pyrene	19.682	202	24502	0.695	ng/ul	99
21) Benzo(a)anthracene	21.434	228	7989	0.305	ng/ul#	91
22) Chrysene	21.489	228	11705	0.392	ng/ul#	93
24) Benzo(b)fluoranthene	23.108	252	10741	0.378	ng/ul	77
26) Benzo(a)pyrene	23.722	252	6278	0.245	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.290	276	4828	0.135	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.294	278	1244	0.045	ng/ul#	1
29) Benzo(g,h,i)perylene	27.045	276	5199	0.166	ng/ul	91

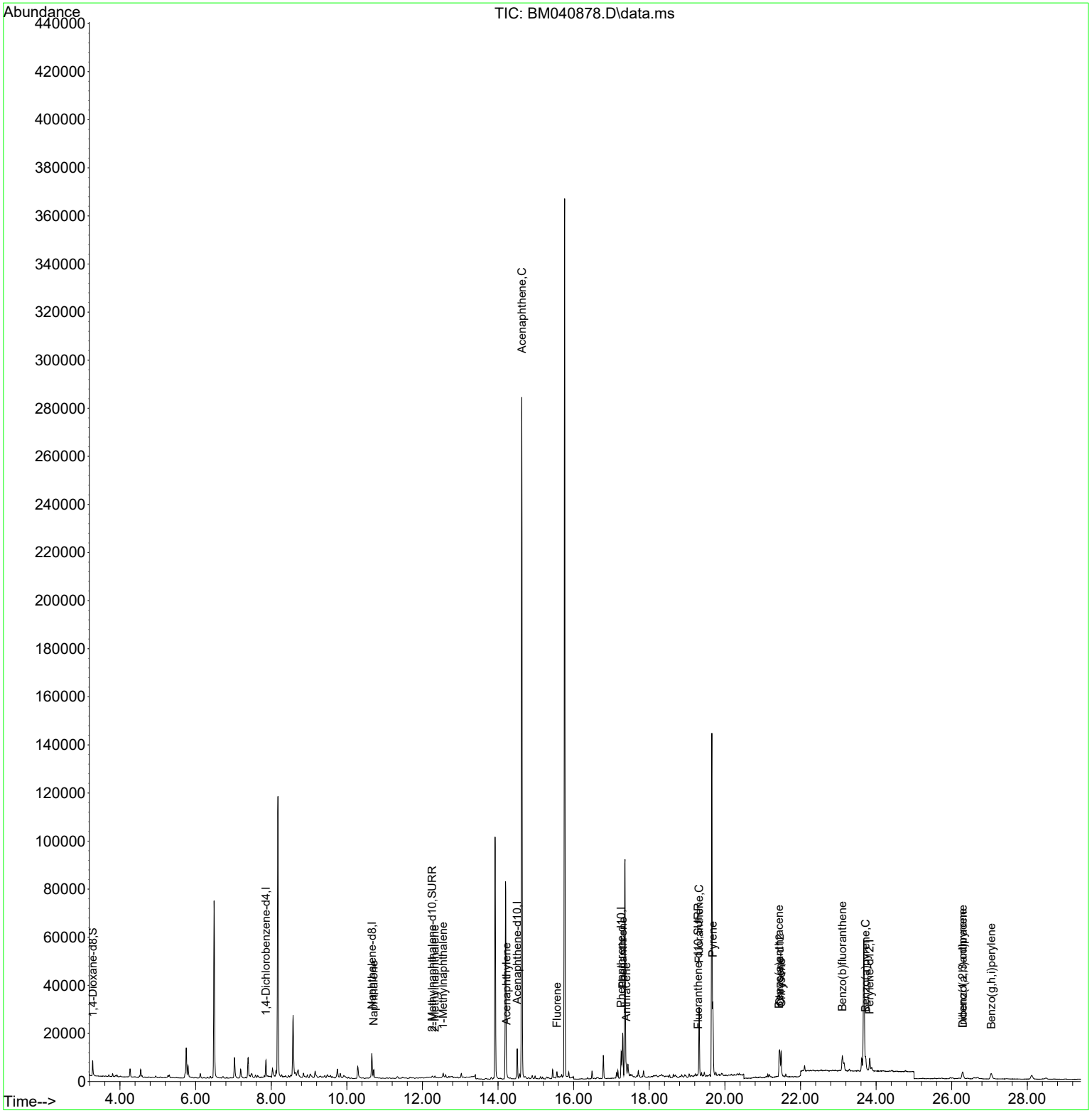
(#) = qualifier out of range (m) = manual integration (+) = signals summed

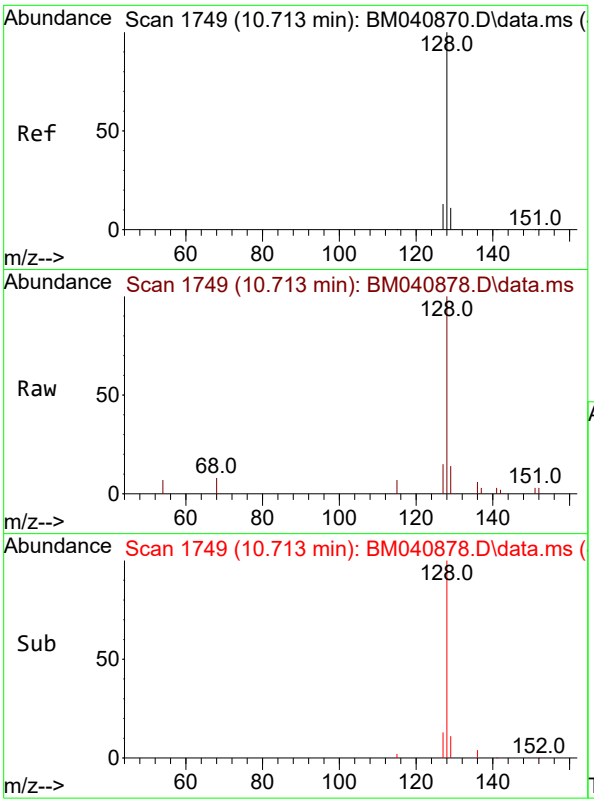
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
Data File : BM040878.D
Acq On : 14 Jul 2023 14:24
Operator : MA/JU
Sample : 03418-06DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4644DL

Quant Time: Jul 15 03:15:03 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



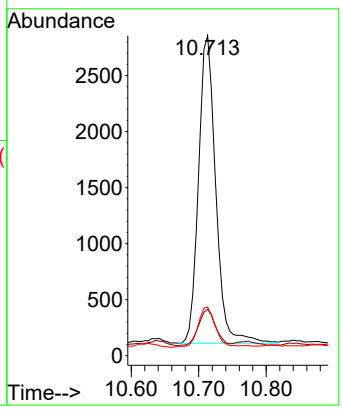


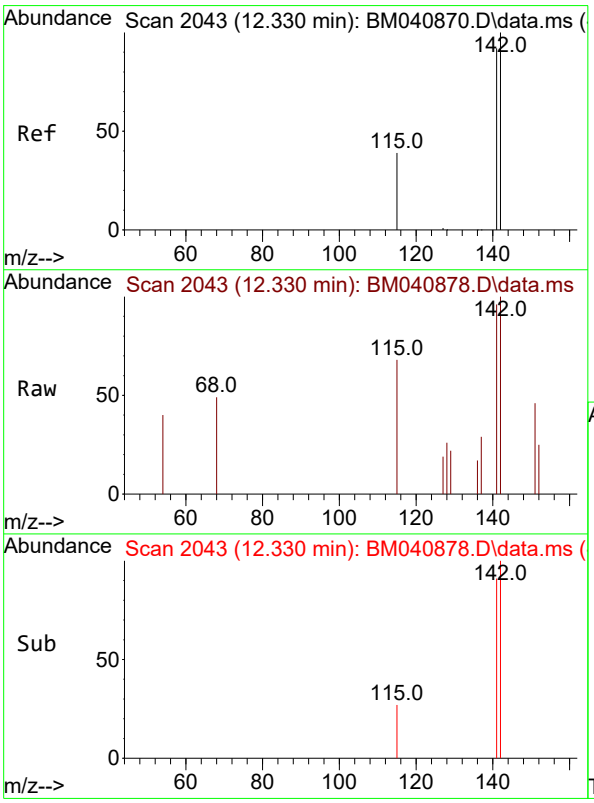
#5
Naphthalene
Concen: 0.127 ng/ul
RT: 10.713 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Instrument :
BNA_M
ClientSampleId :
A4644DL

Tgt Ion:128 Resp: 4866

Ion	Ratio	Lower	Upper
128	100		
129	14.5	9.2	13.8#
127	15.1	10.6	15.8

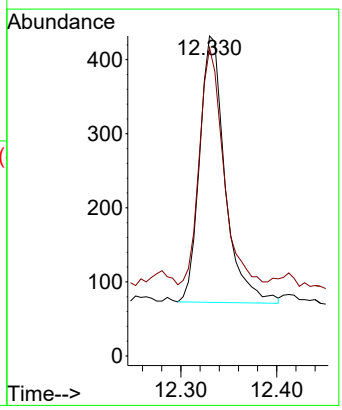


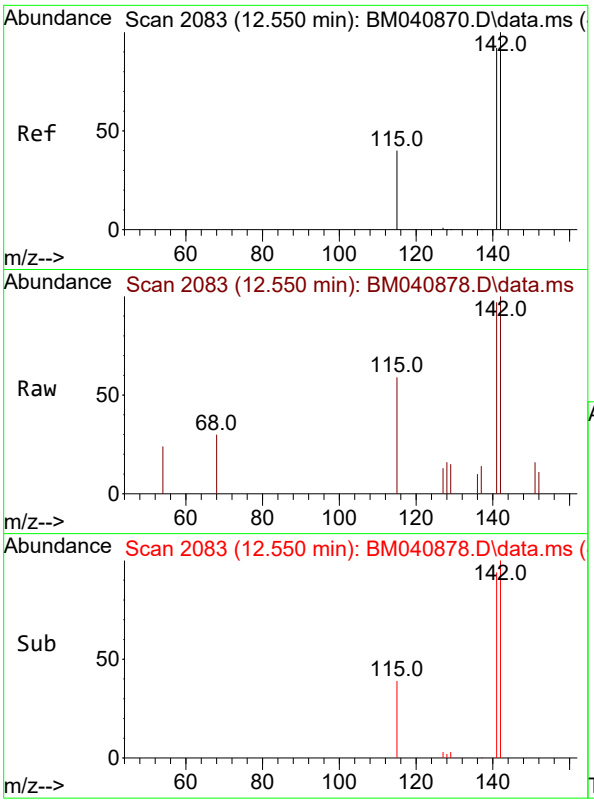


#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.011 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Tgt Ion:142 Resp: 661

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.9	107.9



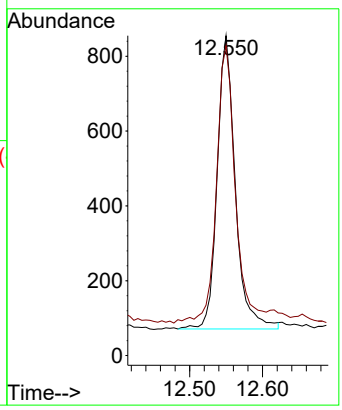


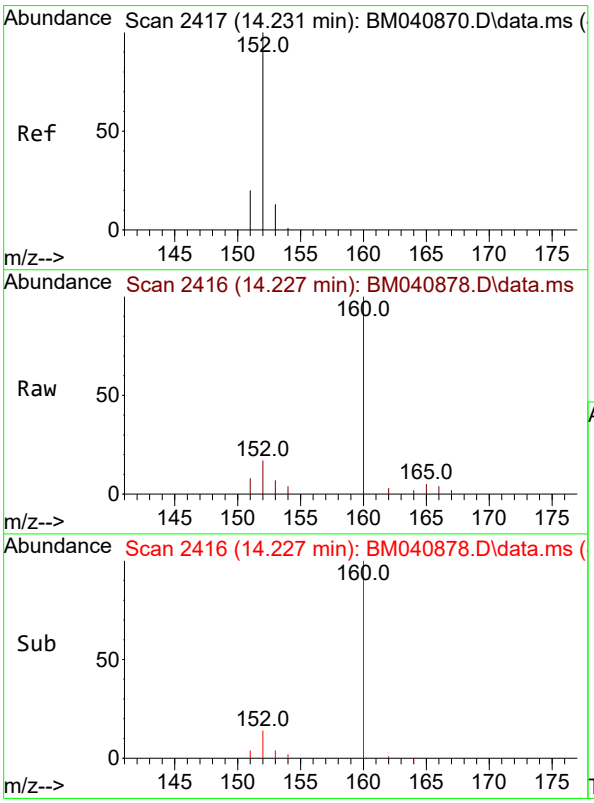
#8
1-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.550 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Instrument :
BNA_M
ClientSampleId :
A4644DL

Tgt Ion:142 Resp: 1360

Ion	Ratio	Lower	Upper
142	100		
141	101.2	73.7	110.5

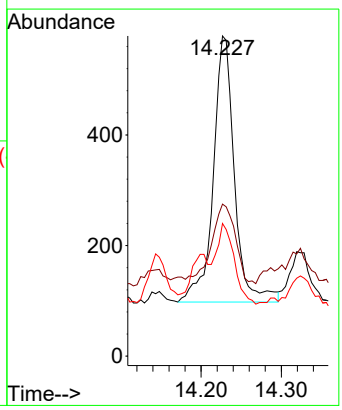


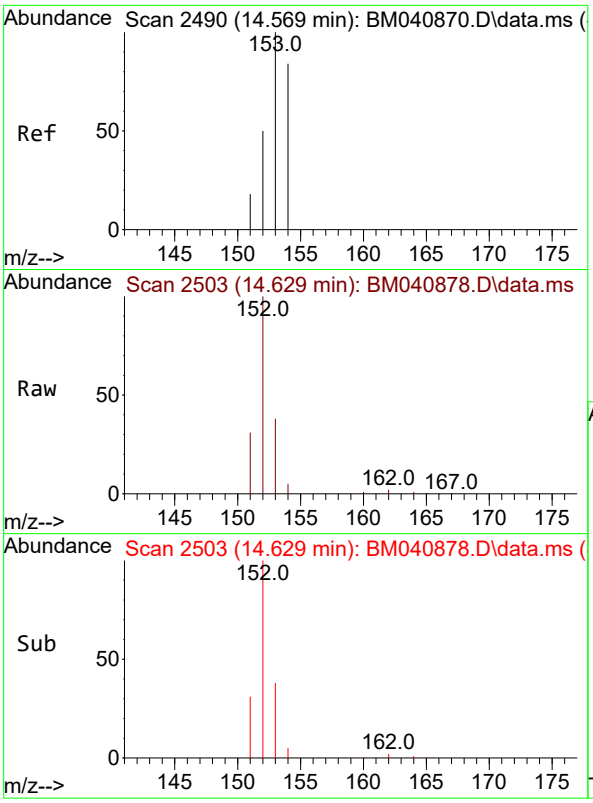


#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.227 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Tgt Ion:152 Resp: 882

Ion	Ratio	Lower	Upper
152	100		
151	47.5	16.2	24.2#
153	41.5	10.9	16.3#



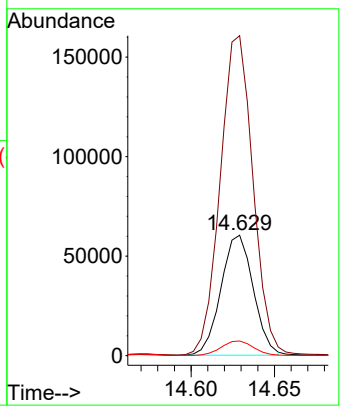


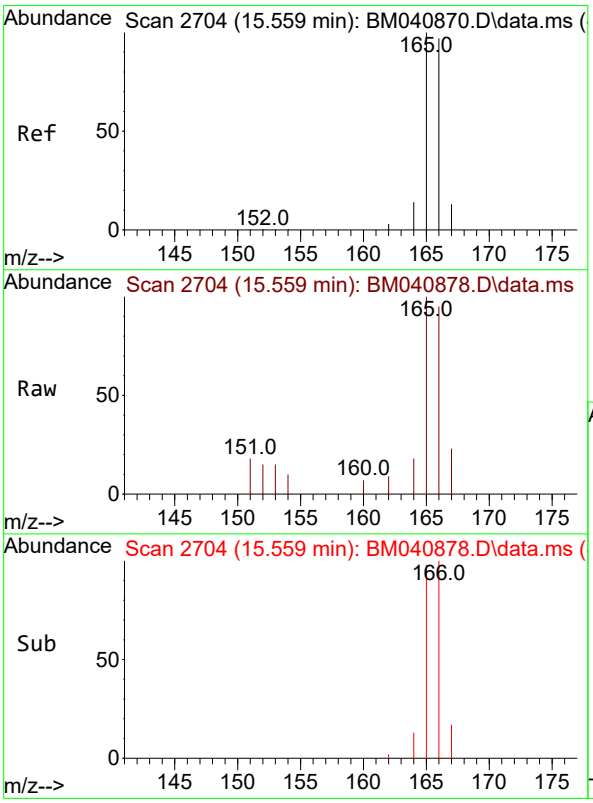
#11
Acenaphthene
Concen: 3.157 ng/ul
RT: 14.629 min Scan# 2
Delta R.T. 0.056 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Instrument :
BNA_M
ClientSampleId :
A4644DL

Tgt Ion:153 Resp: 81047

Ion	Ratio	Lower	Upper
153	100		
152	265.7	41.0	61.4#
154	12.3	70.8	106.2#

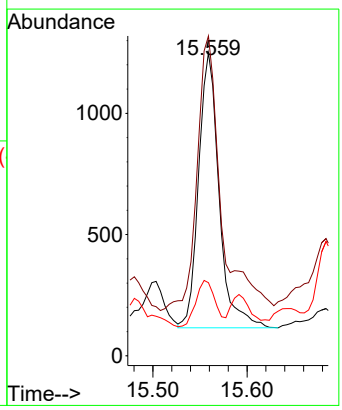


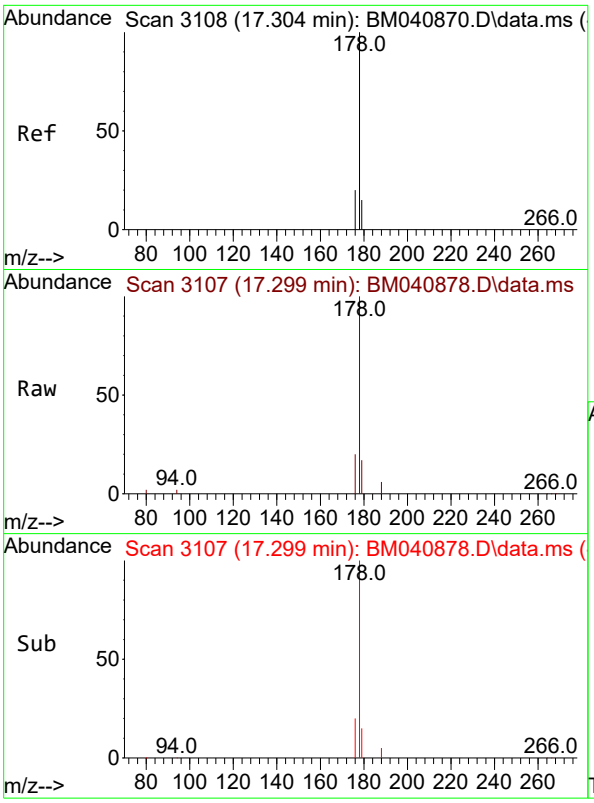


#12
Fluorene
Concen: 0.062 ng/ul
RT: 15.559 min Scan# 2704
Delta R.T. -0.005 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Tgt Ion:166 Resp: 1712

Ion	Ratio	Lower	Upper
166	100		
165	105.5	79.6	119.4
167	24.2	11.4	17.0#



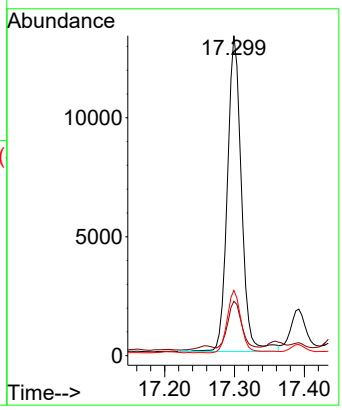


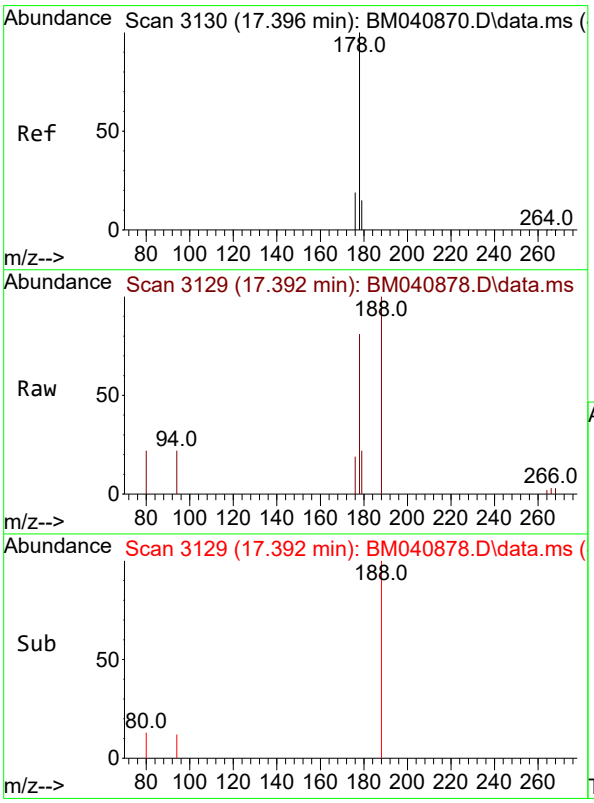
#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.299 min Scan# 3
Delta R.T. -0.008 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Instrument :
BNA_M
ClientSampleId :
A4644DL

Tgt Ion:178 Resp: 18620

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	20.4	16.4	24.6

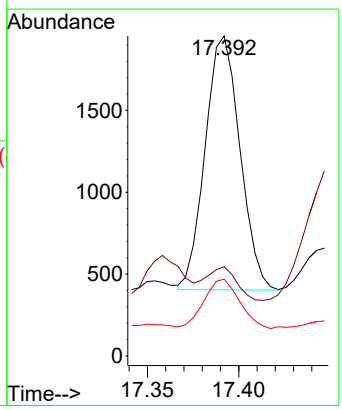


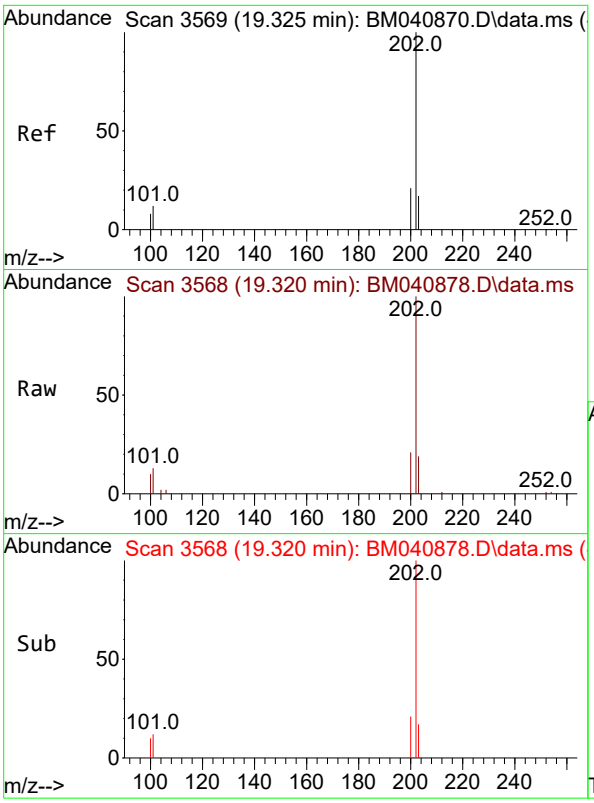


#16
Anthracene
Concen: 0.046 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Tgt Ion:178 Resp: 2054

Ion	Ratio	Lower	Upper
178	100		
179	27.9	12.9	19.3#
176	24.0	15.8	23.6#



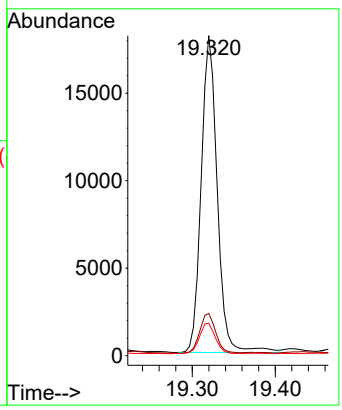


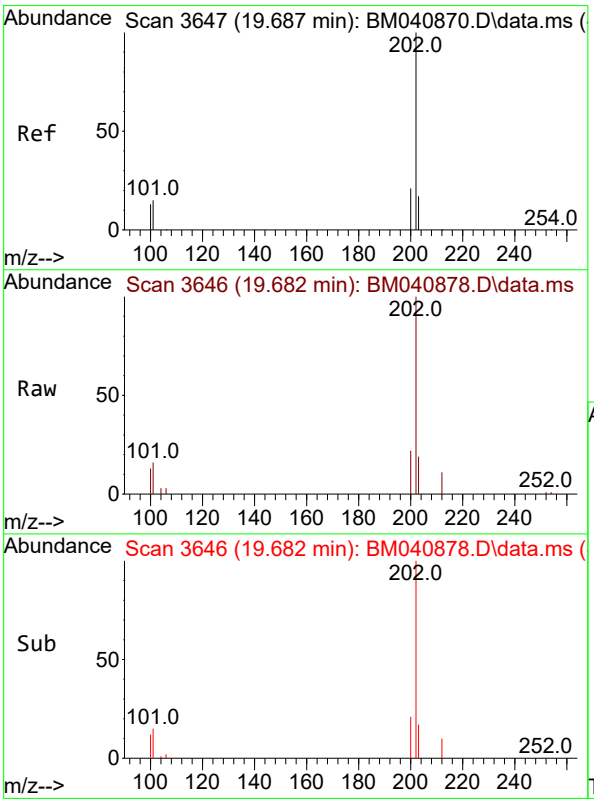
#19
Fluoranthene
Concen: 0.742 ng/ul
RT: 19.320 min Scan# 3
Delta R.T. -0.009 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Instrument :
BNA_M
ClientSampleId :
A4644DL

Tgt Ion:202 Resp: 24404

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.4	17.0
100	10.1	8.7	13.1

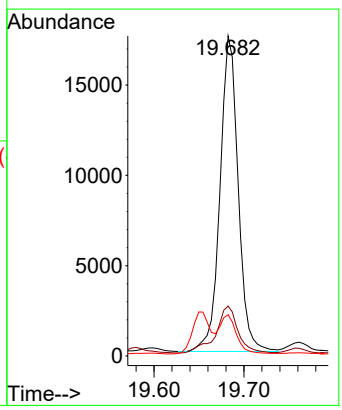


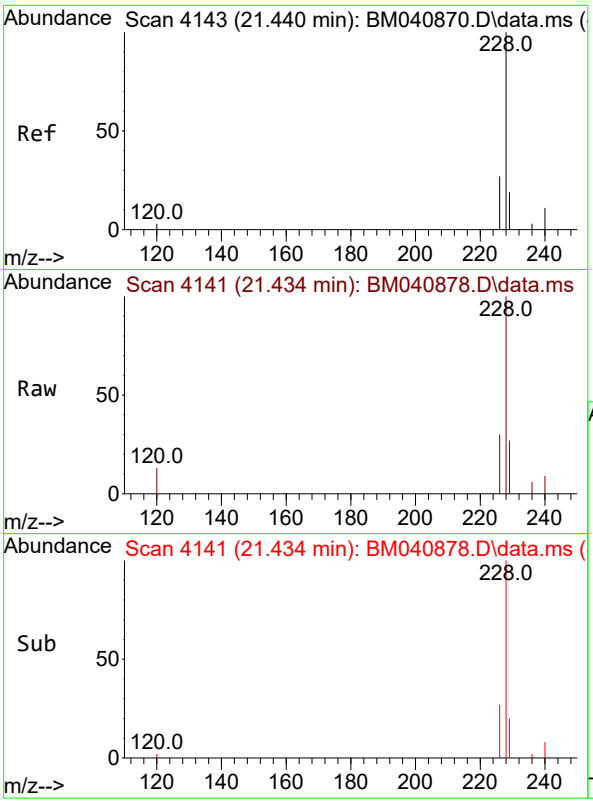


#20
Pyrene
Concen: 0.695 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.009 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Tgt Ion:202 Resp: 24502

Ion	Ratio	Lower	Upper
202	100		
101	15.6	12.6	18.8
100	12.9	9.8	14.6



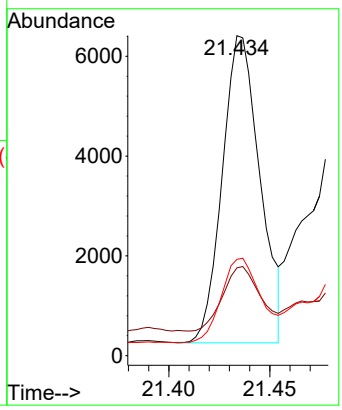


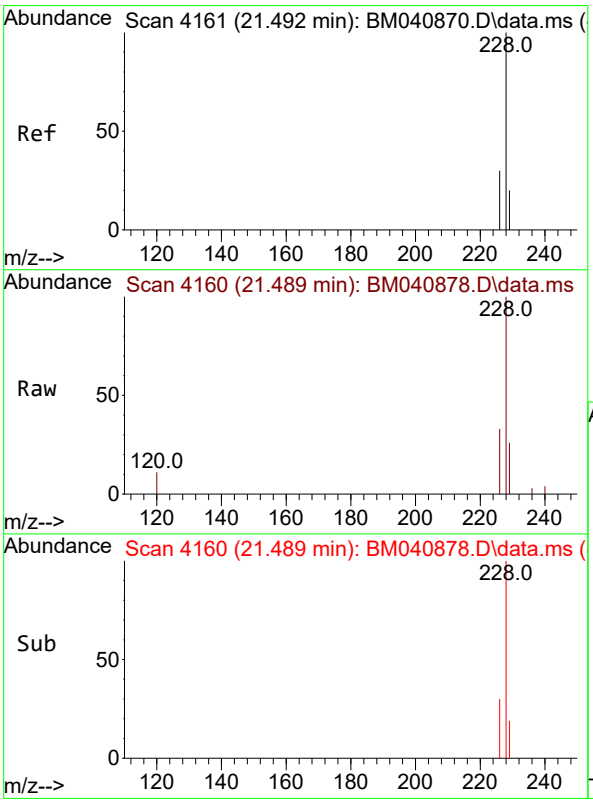
#21
Benzo(a)anthracene
Concen: 0.305 ng/ul
RT: 21.434 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Instrument :
BNA_M
ClientSampleId :
A4644DL

Tgt Ion:228 Resp: 7989

Ion	Ratio	Lower	Upper
228	100		
229	27.5	16.0	24.0#
226	30.1	22.3	33.5

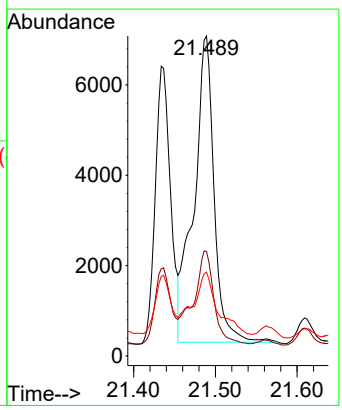


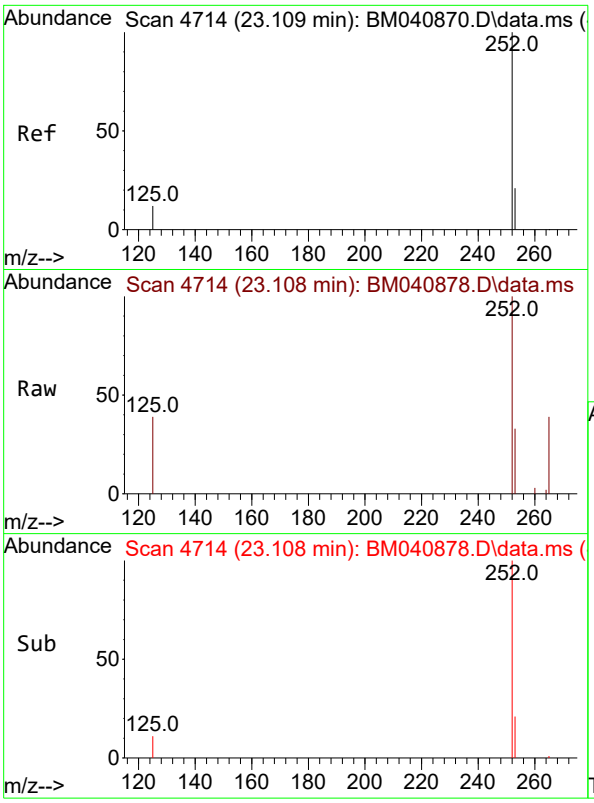


#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.489 min Scan# 4160
Delta R.T. -0.009 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Tgt Ion:228 Resp: 11705

Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.9	37.3
229	26.2	15.8	23.6#



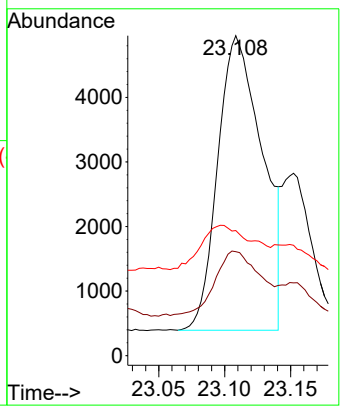


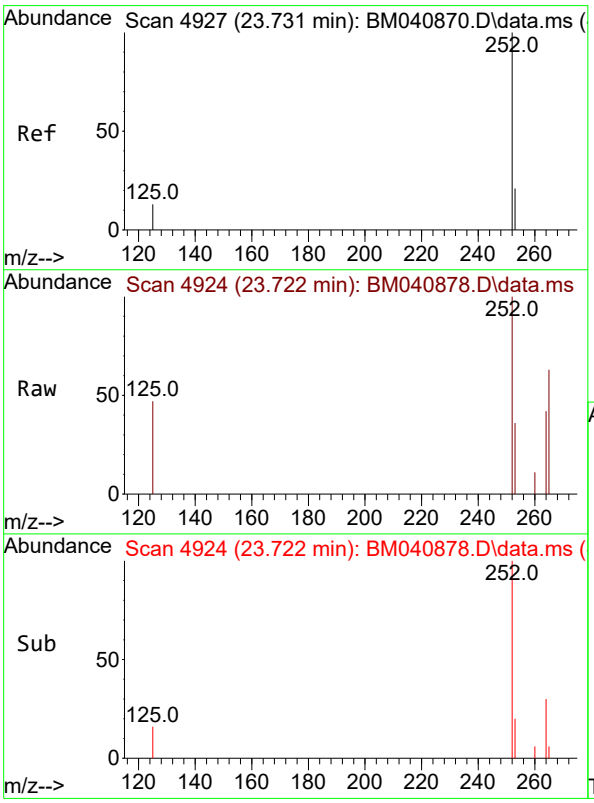
#24
Benzo(b)fluoranthene
Concen: 0.378 ng/ul
RT: 23.108 min Scan# 4
Delta R.T. -0.012 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Instrument :
BNA_M
ClientSampleId :
A4644DL

Tgt Ion:252 Resp: 10741

Ion	Ratio	Lower	Upper
252	100		
253	32.5	0.0	52.8
125	39.1	0.0	43.0

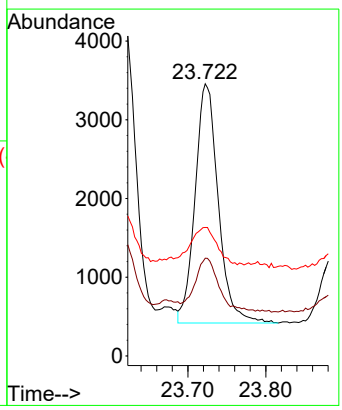


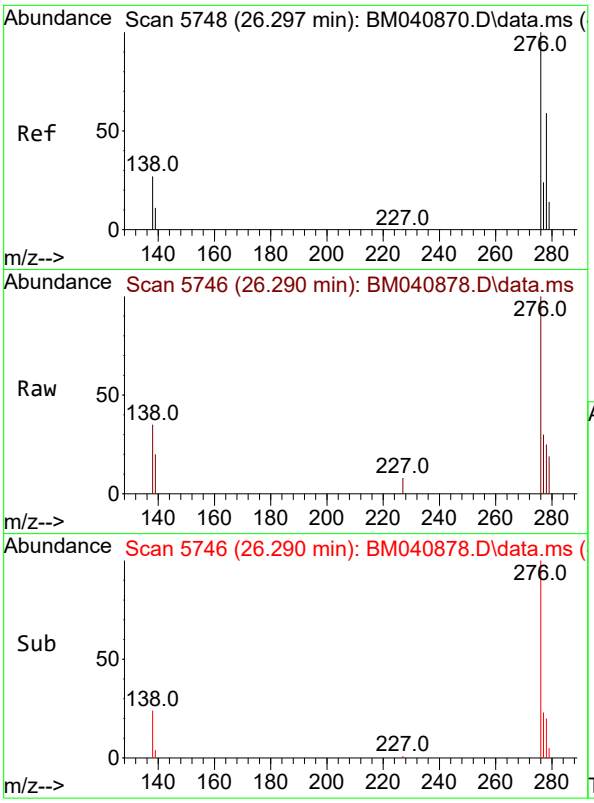


#26
Benzo(a)pyrene
Concen: 0.245 ng/ul
RT: 23.722 min Scan# 4924
Delta R.T. -0.017 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Tgt Ion:252 Resp: 6278

Ion	Ratio	Lower	Upper
252	100		
253	35.9	22.9	34.3#
125	47.2	21.0	31.4#



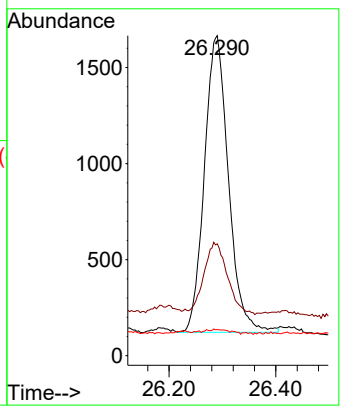


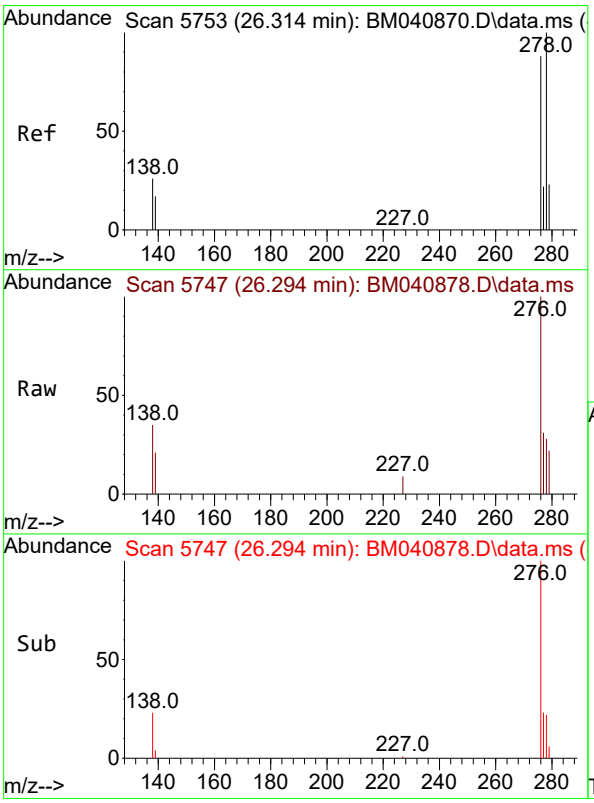
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.135 ng/ul
RT: 26.290 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Instrument :
BNA_M
ClientSampleId :
A4644DL

Tgt Ion:276 Resp: 4828

Ion	Ratio	Lower	Upper
276	100		
138	23.9	24.5	36.7#
227	0.5	0.1	0.1#

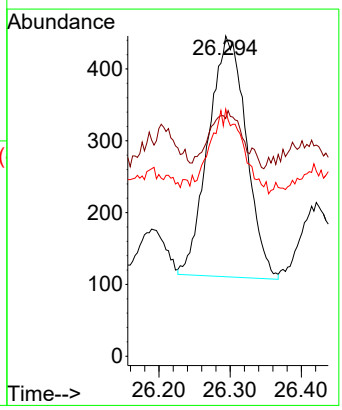


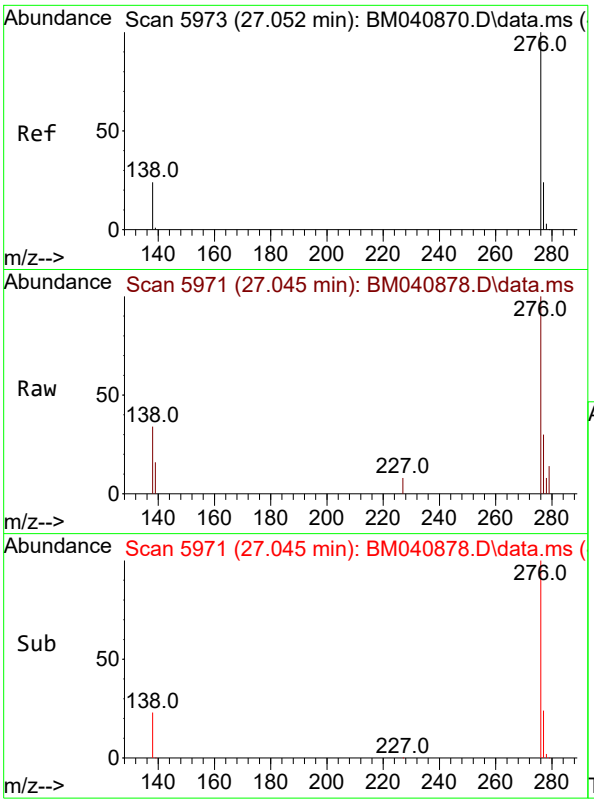


#28
Dibenzo(a,h)anthracene
Concen: 0.045 ng/ul
RT: 26.294 min Scan# 5747
Delta R.T. -0.033 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Tgt Ion:278 Resp: 1244

Ion	Ratio	Lower	Upper
278	100		
139	74.2	17.9	26.9#
279	77.1	22.0	33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.166 ng/ul
RT: 27.045 min Scan# 5
Delta R.T. -0.023 min
Lab File: BM040878.D
Acq: 14 Jul 2023 14:24

Instrument :
BNA_M
ClientSampleId :
A4644DL

Tgt Ion:276 Resp: 5199

Ion	Ratio	Lower	Upper
276	100		
138	34.0	23.0	34.6
277	30.0	20.3	30.5