Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 14 03:19:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 03:16:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	130944	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	491438	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	303409	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	633692	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	667689	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	672425	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	12319	4.28	ng/uL	0.00
5) Phenol-d5	6.82	99	297765	29.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	193211	27.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	227721	28.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	226605	28.55	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	108639	27.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	120244	29.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	243691	28.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	280313	28.42	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	733868	30.33	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	898587	31.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	107558	26.33	ng/ul	0.00
58) Fluorene-d10	15.27	176	620238	29.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	72288	20.88	ng/ul	0.00
71) Anthracene-d10	17.12	188	940893	30.14	ng/ul	0.00
79) Pyrene-d10	19.42	212	1077339	32.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1201988	32.02	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	11583	1.079	ng/ul	98
45) Dimethylphthalate	13.73	163	235890	9.303	ng/ul	99
48) Acenaphthylene	13.99	152	49732	1.697	ng/ul	96
70) Phenanthrene	17.06	178	464787	12.234	ng/ul	100
72) Anthracene	17.15	178	69158	1.789	ng/ul	99
75) Carbazole	17.42	167	36856	1.130	ng/ul	98
77) Fluoranthene	19.08	202	738046	16.021	ng/ul	99
80) Pyrene	19.44	202	710930	15.687	ng/ul	99
83) Benzo(a)anthracene	21.24	228	355424	7.907	ng/ul	95
85) Chrysene	21.24	228	356595	8.082	ng/ul	98
88) Benzo(b)fluoranthene	22.76	252	495713	10.616	ng/ul	99
89) Benzo(k)fluoranthene	22.76	252	495713	10.712	ng/ul#	99
91) Benzo(a)pyrene	23.31	252	324968	7.647	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.60	276	236911	4.327	ng/ul	99
93) Dibenzo(a,h)anthracene	25.60	278	61333	1.322	ng/ul#	81
94) Benzo(g,h,i)perylene	26.27	276	175558	3.882	ng/ul	97

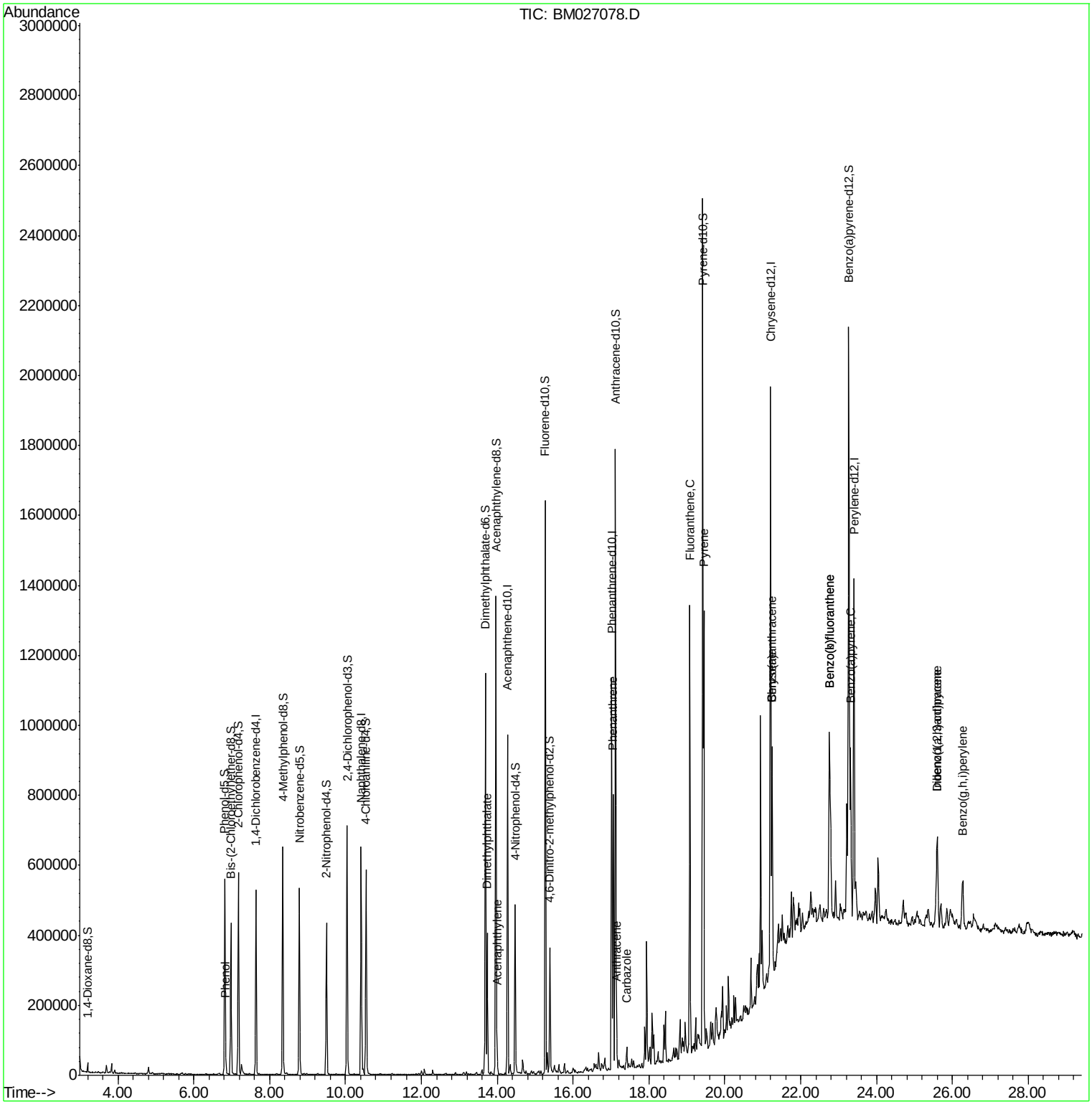
(#) = qualifier out of range (m) = manual integration (+) = signals summed

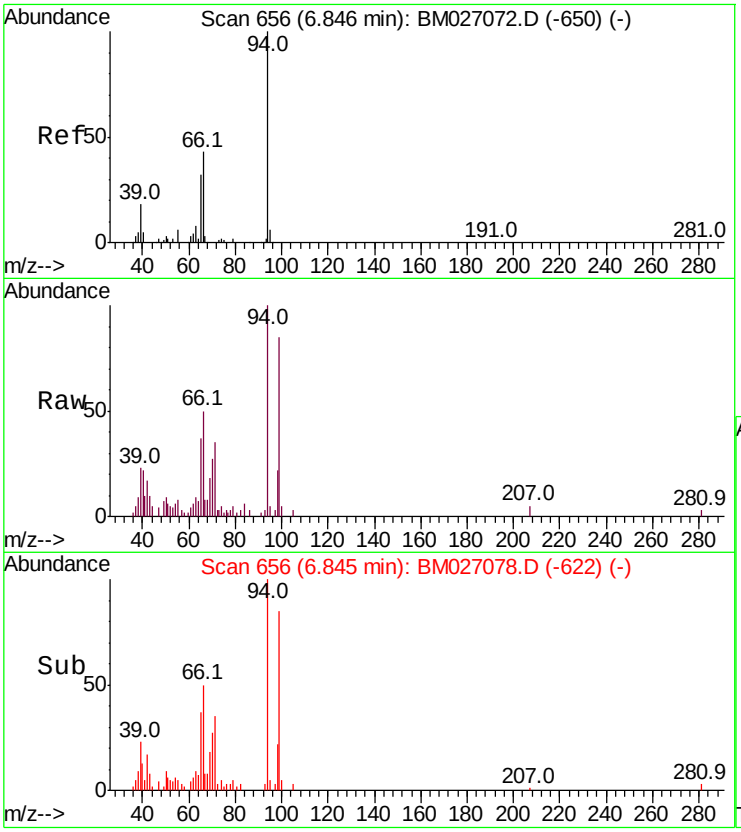
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027078.D
Acq On : 14 Aug 2020 02:43
Operator : JU/CG
Sample : L3630-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 14 03:19:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 03:16:58 2020
Response via : Initial Calibration



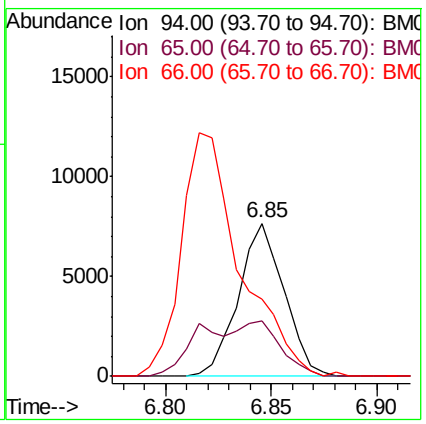


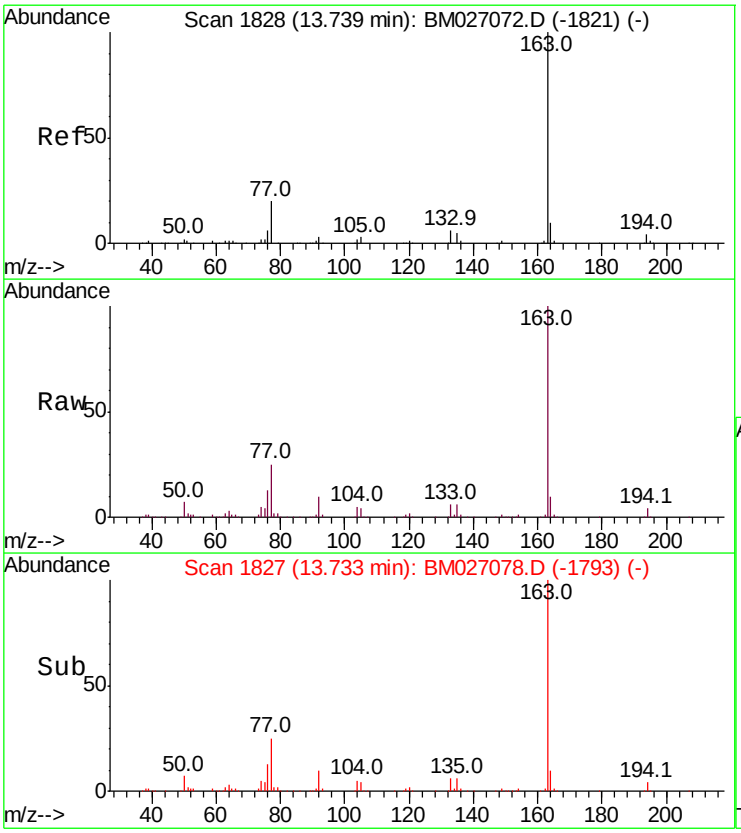
#6
Phenol
Concen: 1.079 ng/ul
RT: 6.85 min Scan# 656
Delta R.T. -0.00 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 11583

Ion	Ratio	Lower	Upper
94	100		
65	36.6	28.6	43.0
66	50.4	41.3	61.9

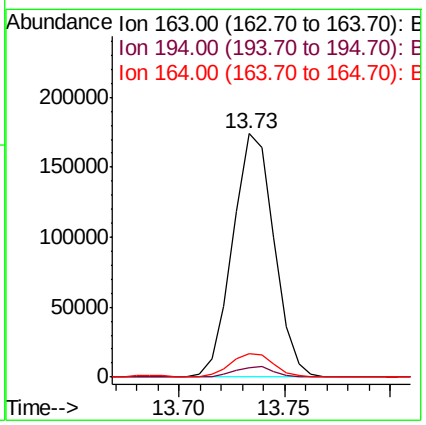


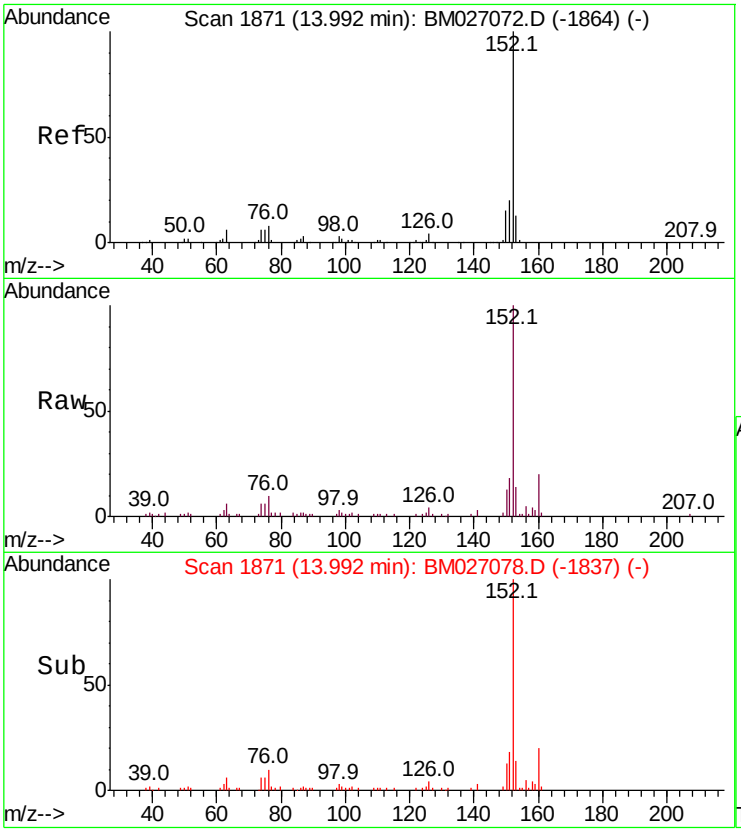


#45
Dimethylphthalate
Concen: 9.303 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Tgt Ion:163 Resp: 235890

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.9	8.2	12.2



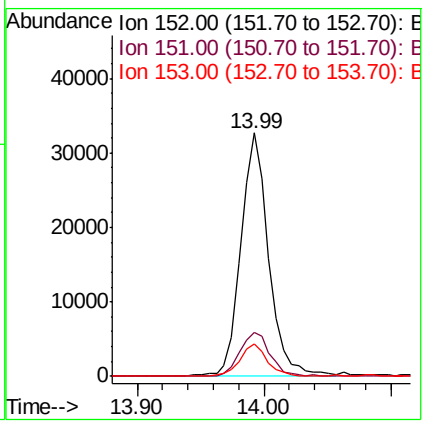


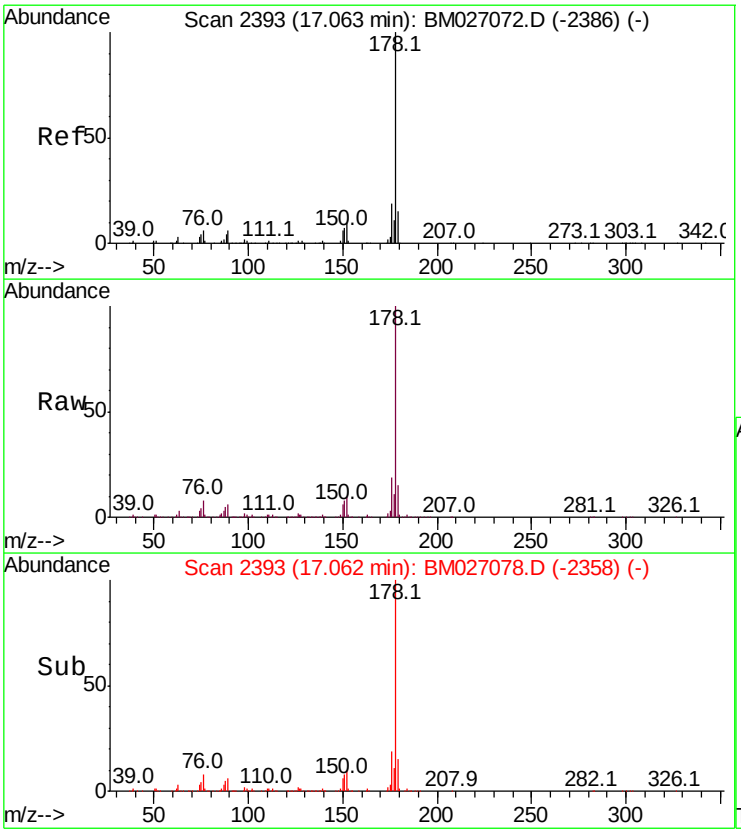
#48
Acenaphthylene
Concen: 1.697 ng/ul
RT: 13.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 49732

Ion	Ratio	Lower	Upper
152	100		
151	17.8	15.9	23.9
153	13.5	9.8	14.8

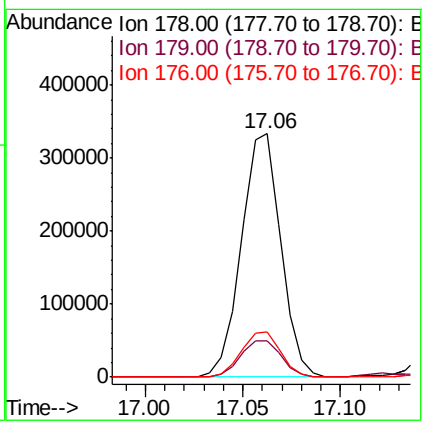


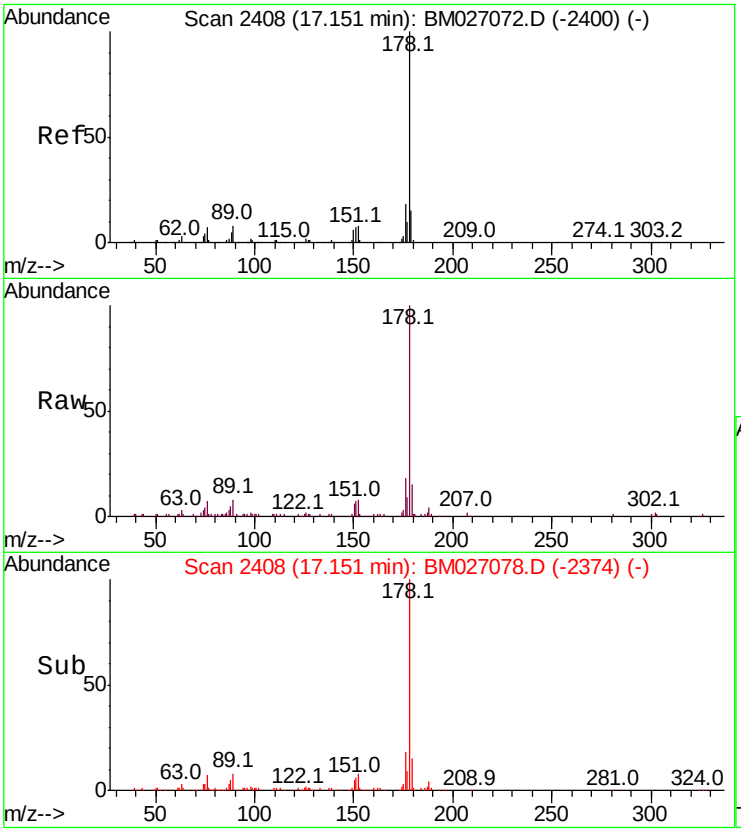


#70
Phenanthrene
Concen: 12.234 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Tgt Ion:178 Resp: 464787

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.9	17.9
176	18.5	14.6	22.0



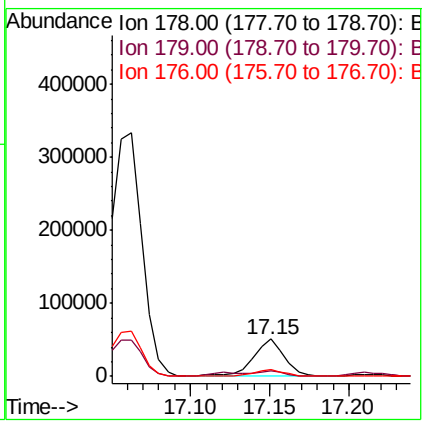


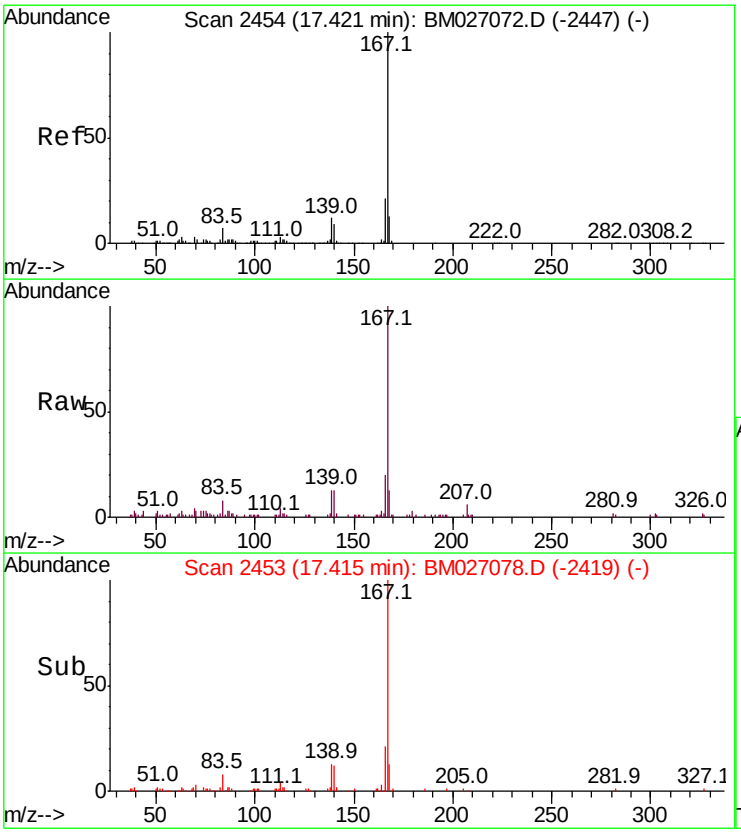
#72
Anthracene
Concen: 1.789 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 69158

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.0	18.0
176	18.2	14.3	21.5

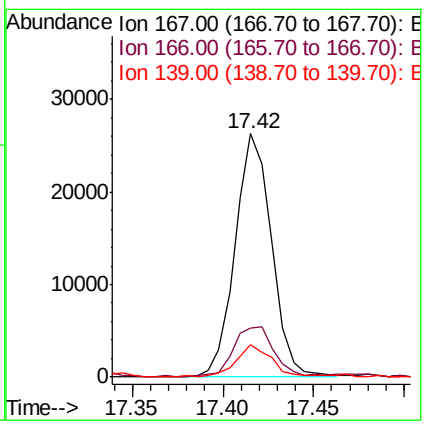


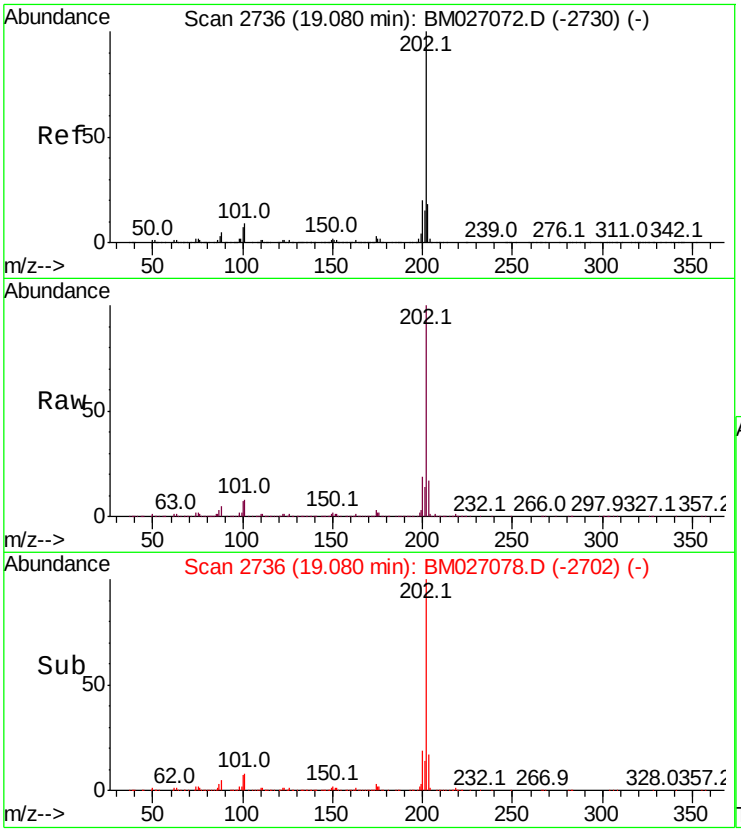


#75
Carbazole
Concen: 1.130 ng/ul
RT: 17.42 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Tgt Ion:167 Resp: 36856

Ion	Ratio	Lower	Upper
167	100		
166	20.3	17.0	25.6
139	13.4	9.8	14.6



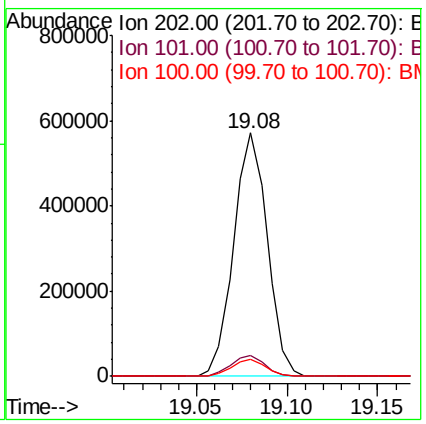


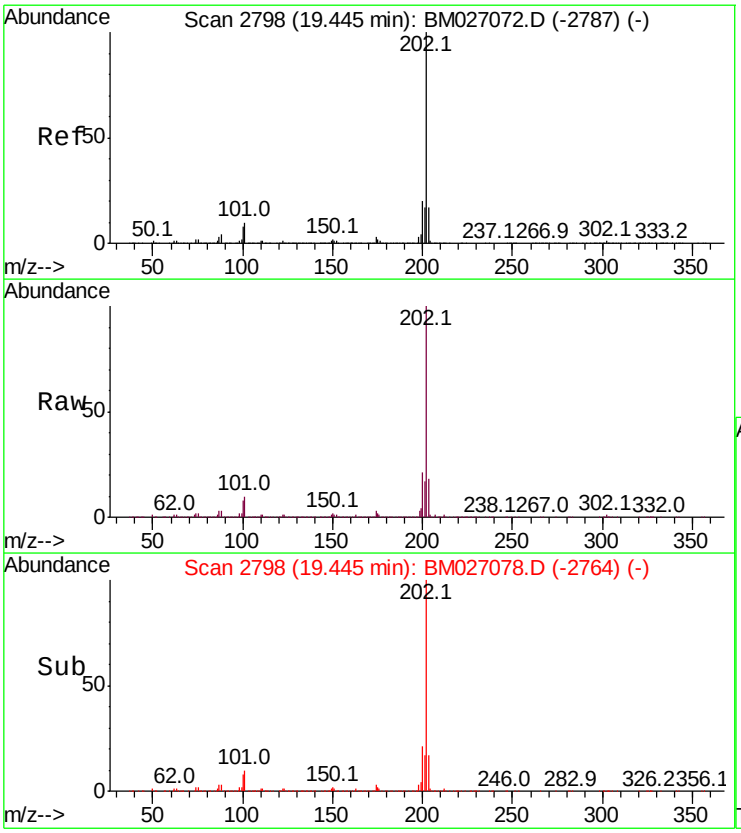
#77
Fluoranthene
Concen: 16.021 ng/ul
RT: 19.08 min Scan# 2736
Delta R.T. -0.00 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 738046

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.7	10.1
100	7.1	5.4	8.2

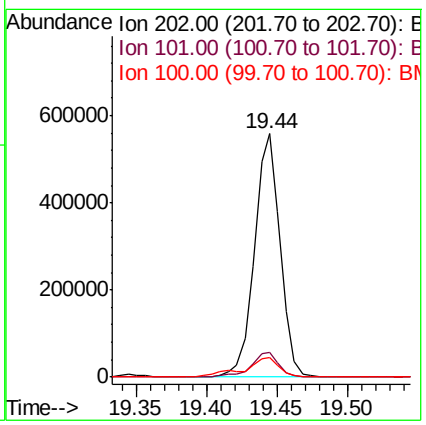


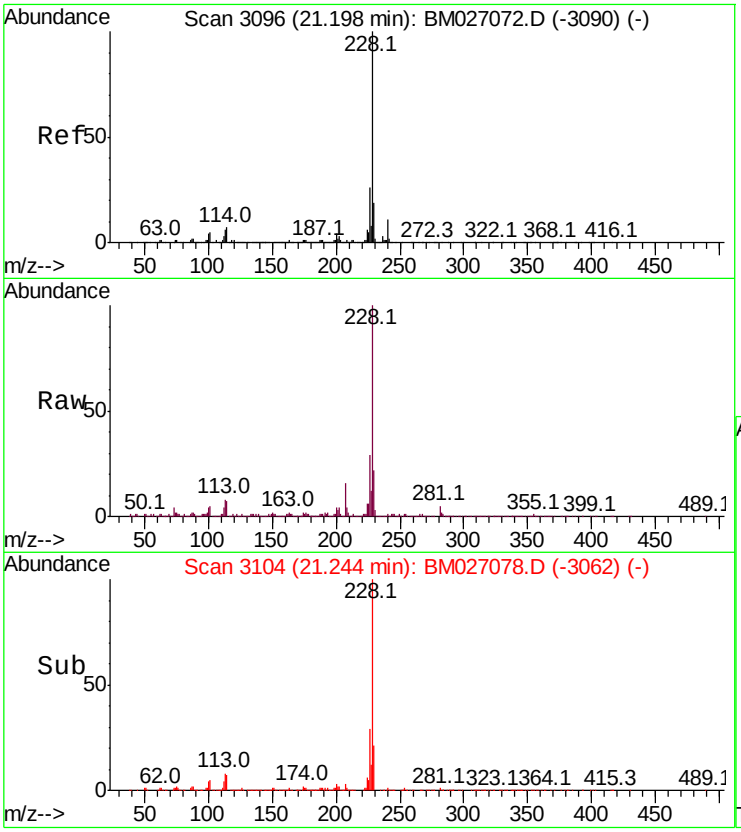


#80
Pyrene
Concen: 15.687 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Tgt Ion:202 Resp: 710930

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.6	11.4
100	8.0	6.3	9.5



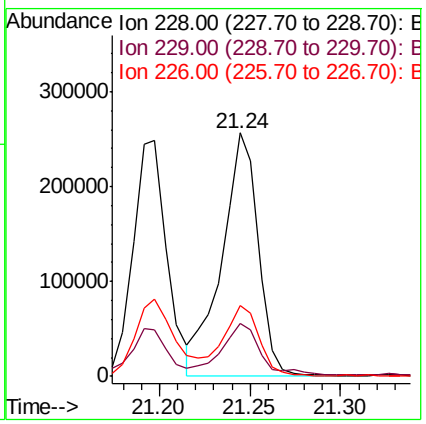


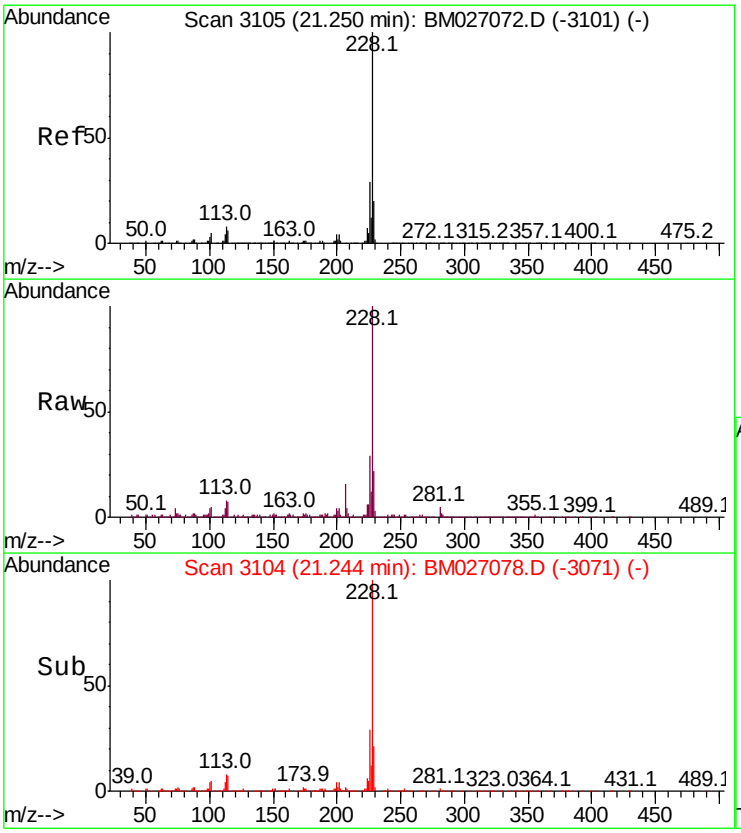
#83
Benzo(a)anthracene
Concen: 7.907 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. 0.05 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 355424

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.8	23.6
226	29.2	21.2	31.8

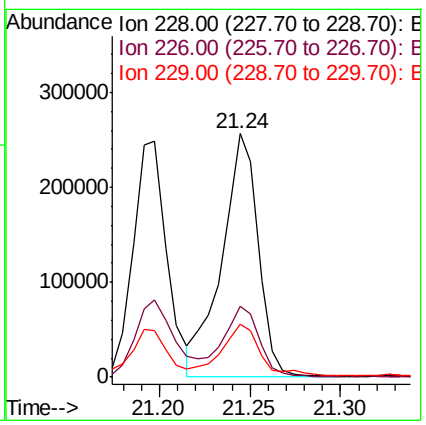


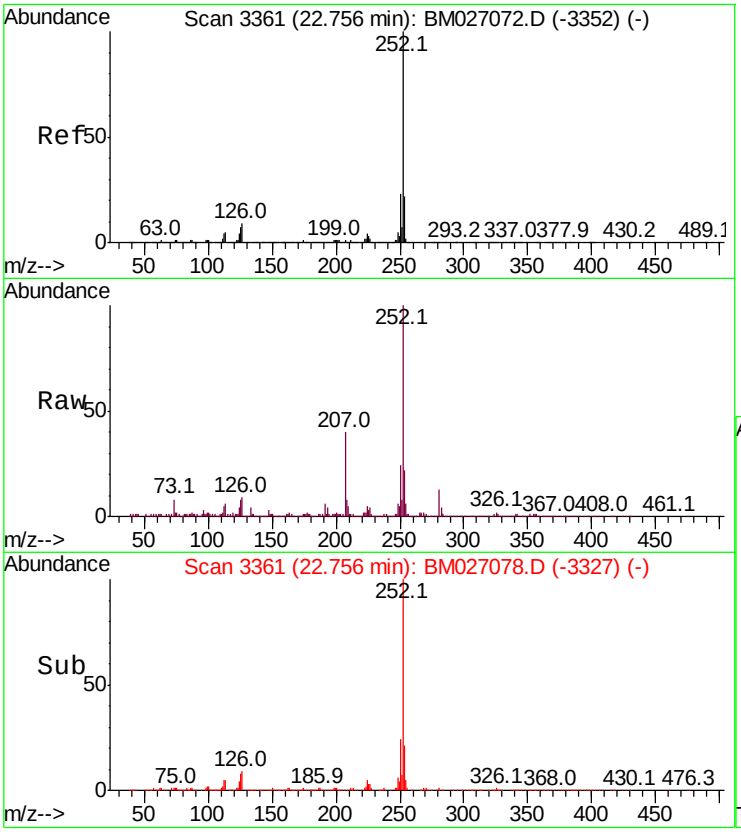


#85
Chrysene
Concen: 8.082 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Tgt Ion:228 Resp: 356595

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.6
229	21.7	15.8	23.8



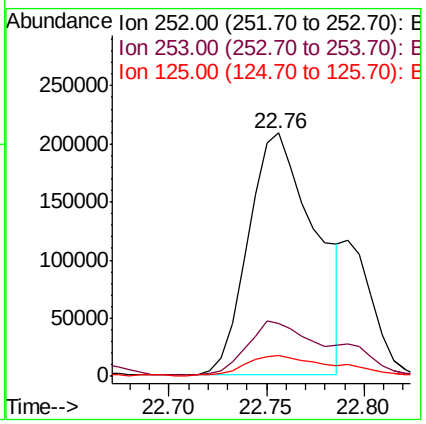


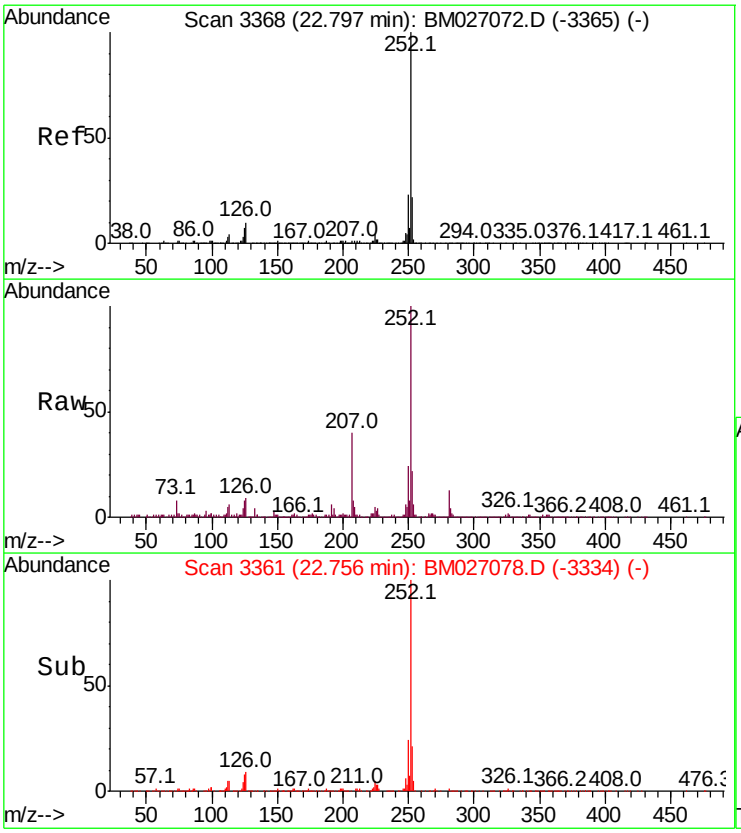
#88
Benzo(b)fluoranthene
Concen: 10.616 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 495713

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	8.5	6.0	9.0

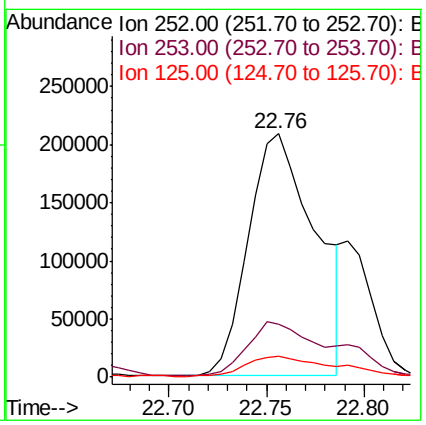


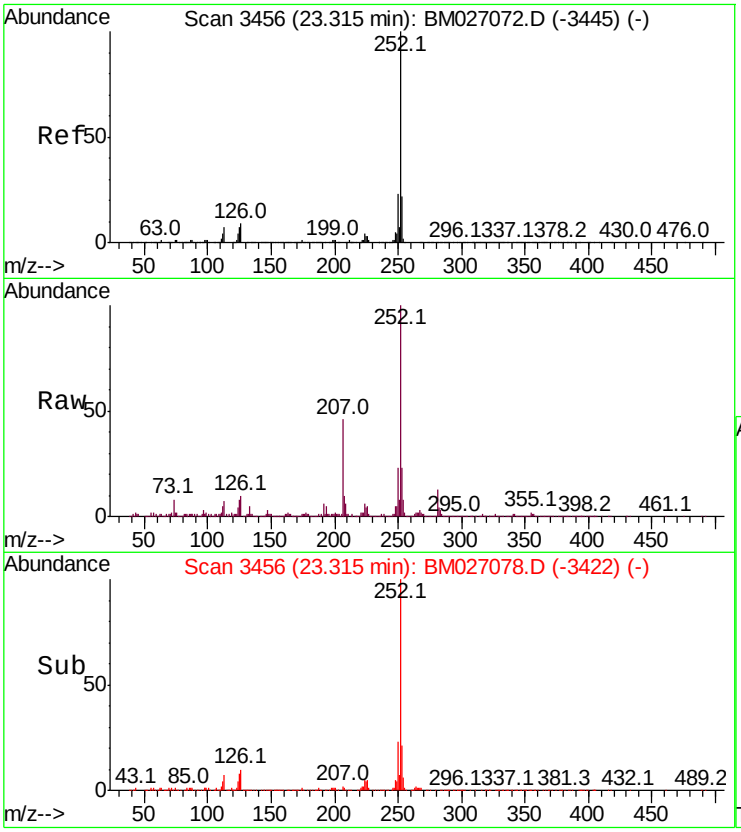


#89
Benzo(k)fluoranthene
Concen: 10.712 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Tgt Ion:252 Resp: 495713

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	8.5	5.5	8.3#



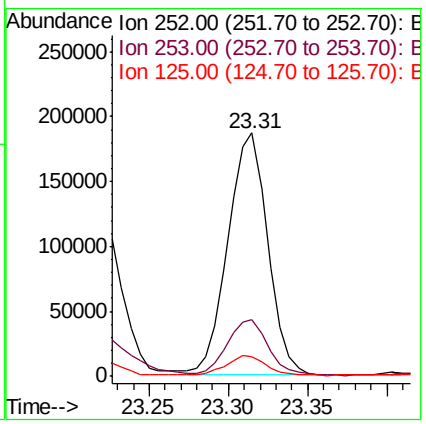


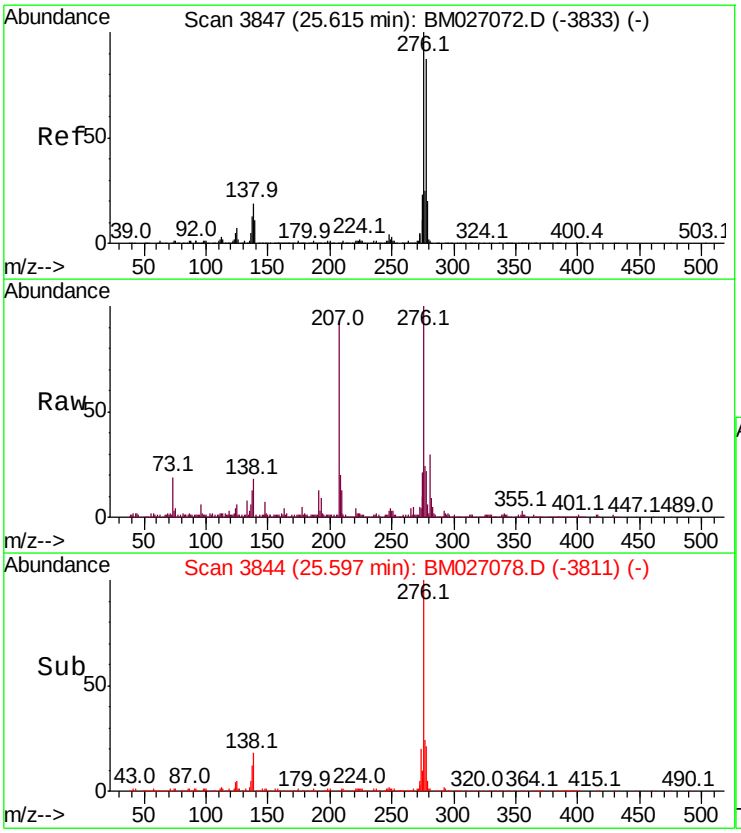
#91
Benzo(a)pyrene
Concen: 7.647 ng/ul
RT: 23.31 min Scan# 3456
Delta R.T. -0.00 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 324968

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	7.9	5.8	8.8

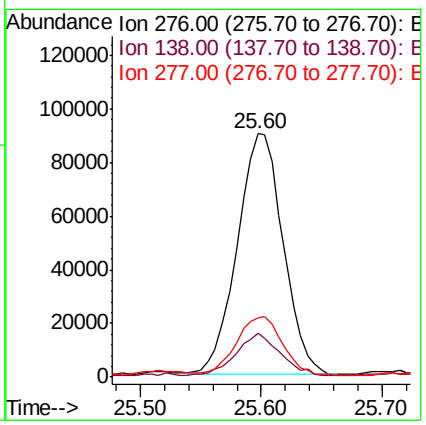


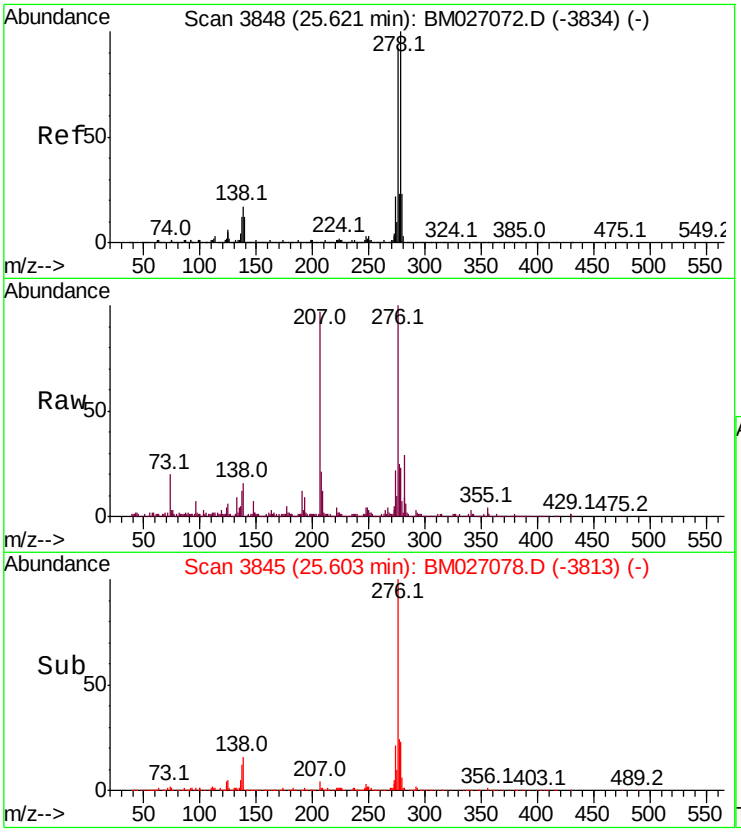


#92
Indeno(1,2,3-cd)pyrene
Concen: 4.327 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Tgt Ion:276 Resp: 236911

Ion	Ratio	Lower	Upper
276	100		
138	18.2	13.9	20.9
277	24.4	19.8	29.8



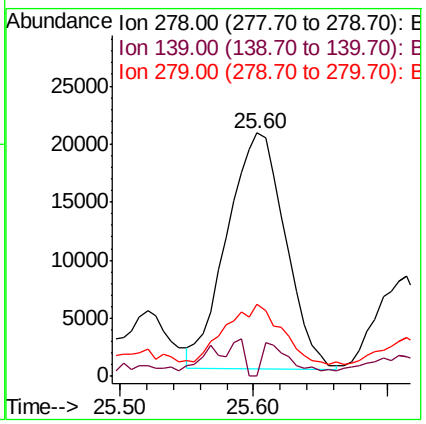


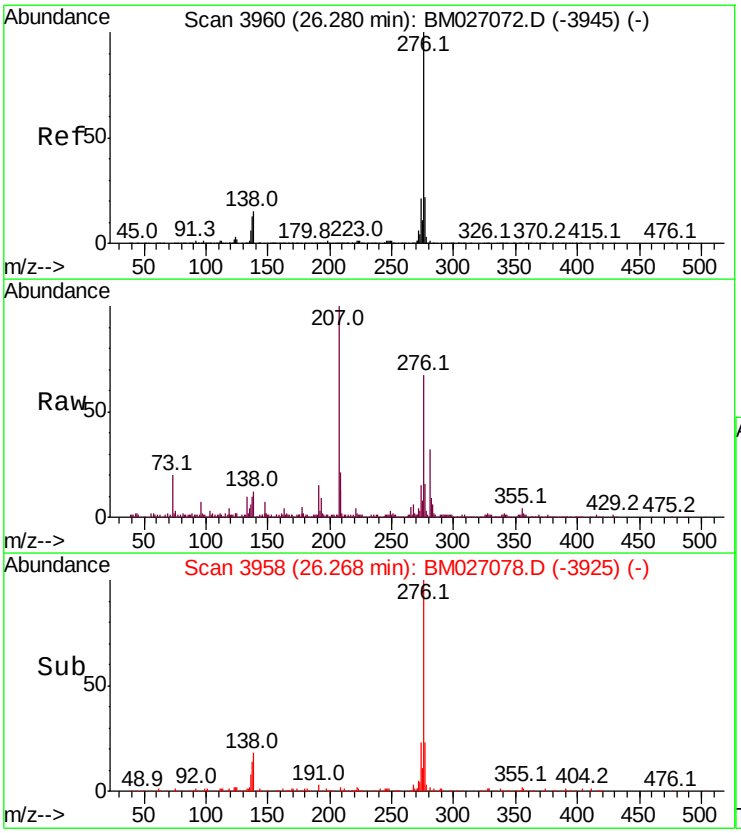
#93
Dibenzo(a,h)anthracene
Concen: 1.322 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 61333

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.0#
279	29.9	18.7	28.1#





#94
Benzo(g,h,i)perylene
Concen: 3.882 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BM027078.D
Acq: 14 Aug 2020 02:43

Tgt Ion:276 Resp: 175558

Ion	Ratio	Lower	Upper
276	100		
138	17.9	12.3	18.5
277	23.3	19.0	28.6