Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

Quantitation Report (Not Reviewed)

Data File : BM025018.D
Acq On : 22 Feb 2020 09:56
Operator : CG/JU
Sample : L1507-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD14

Quant Time: Feb 24 03:37:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	211316	20.00	ng/ul	0.00
18) Naphthalene-d8	10.09	136	900612	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.99	164	682490	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.75	188	1693466	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	2042506	20.00	ng/ul	0.02
86) Perylene-d12	23.05	264	2323141	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.95	96	3086	0.70	ng/uL	0.01
5) Phenol-d5	6.54	99	47792	3.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.69	67	32154	4.06	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	1015	0.08	ng/ul	0.05
13) 4-Methylphenol-d8	8.06	113	34302	2.90	ng/ul	0.00
19) Nitrobenzene-d5	8.48	128	19234	2.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.19	143	21389	2.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.74	165	42068	2.71	ng/ul	0.01
29) 4-Chloroaniline-d4	10.25	131	27167	1.87	ng/ul	0.01
44) Dimethylphthalate-d6	13.42	166	184964	3.59	ng/ul	0.00
47) Acenaphthylene-d8	13.67	160	211536	3.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.25	143	8590	1.03	ng/ul	0.02
58) Fluorene-d10	15.00	176	179408	3.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.14	200	23094	2.09	ng/ul	0.00
71) Anthracene-d10	16.85	188	308287	3.99	ng/ul	0.00
79) Pyrene-d10	19.17	212	388230	3.80	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.05	264	2323141	19.91	ng/ul	0.14
Target Compounds						Qvalue
14) Acetophenone	8.16	105	26996	1.446	ng/ul	99
48) Acenaphthylene	13.70	152	500528	8.032	ng/ul	96
50) Acenaphthene	14.06	153	4272226	101.512	ng/ul	98
59) Fluorene	15.05	166	301825	5.838	ng/ul#	98
70) Phenanthrene	16.79	178	2108385	22.834	ng/ul	100
72) Anthracene	16.88	178	2954122	31.546	ng/ul	99
83) Benzo(a)anthracene	21.02	228	1959269	14.241	ng/ul#	87
85) Chrysene	21.02	228	1959269	14.465	ng/ul#	90
88) Benzo(b)fluoranthene	22.50	252	7301174	49.424	ng/ul	96
89) Benzo(k)fluoranthene	22.50	252	7398928	52.036	ng/ul	96
91) Benzo(a)pyrene	22.97	252	10869256	82.069	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.07	276	4799182	29.107	ng/ul	99
93) Dibenzo(a,h)anthracene	25.16	278	420148	2.991	ng/ul	93
94) Benzo(g,h,i)perylene	25.68	276	3281875	23.932	ng/ul	99

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

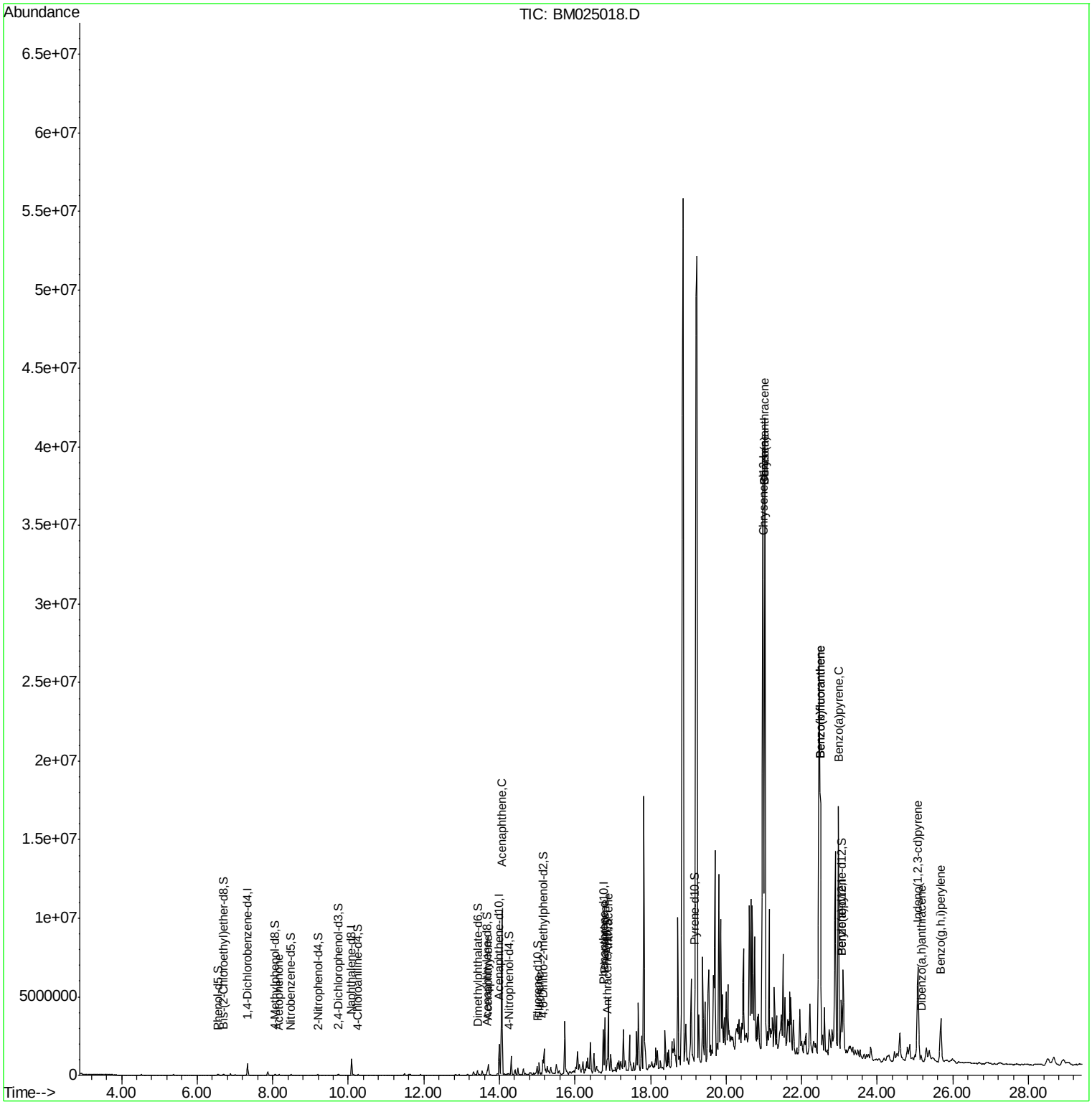
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022120\

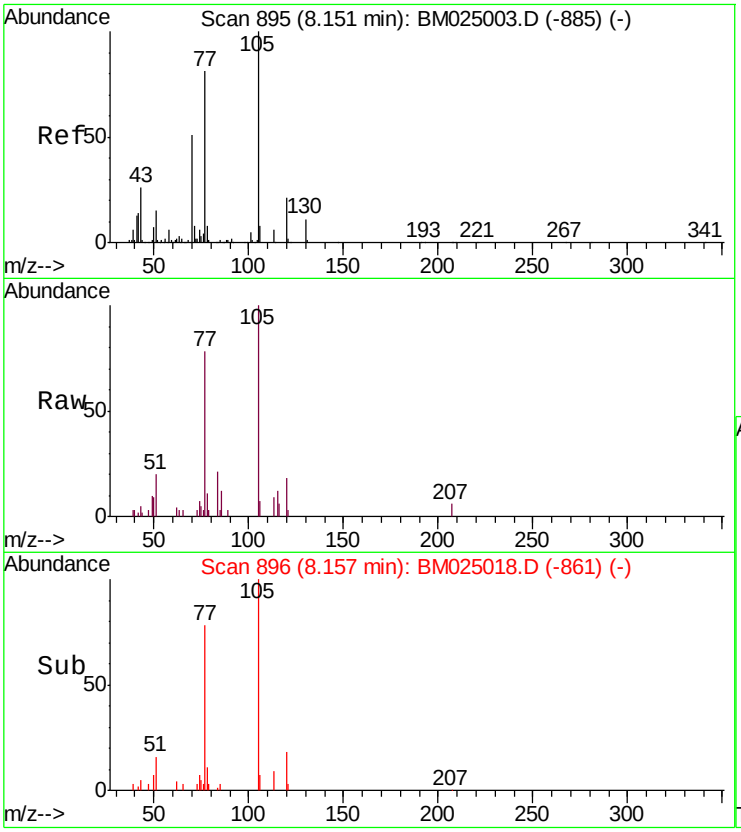
Quantitation Report (Not Reviewed)

Data File : BM025018.D
Acq On : 22 Feb 2020 09:56
Operator : CG/JU
Sample : L1507-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBD14

Quant Time: Feb 24 03:37:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 03:25:45 2020
Response via : Initial Calibration



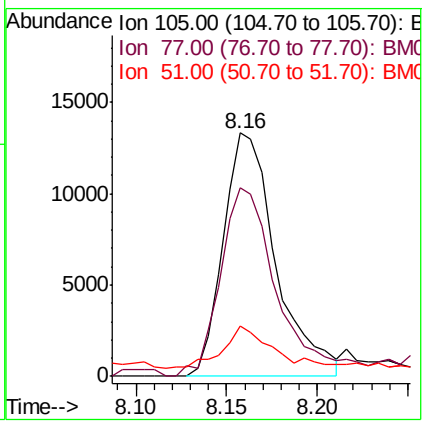


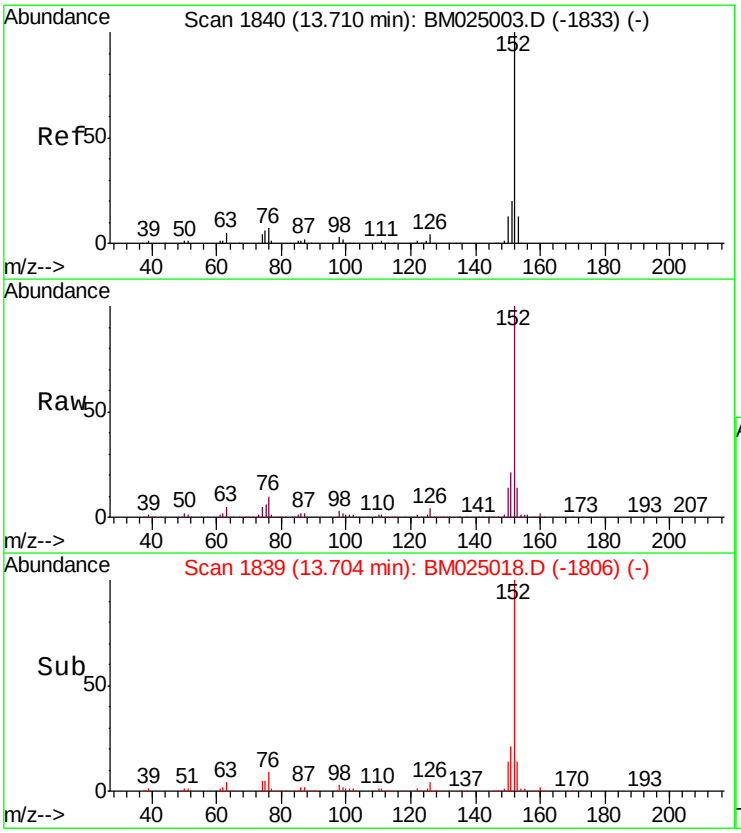
#14
Acetophenone
Concen: 1.446 ng/ul
RT: 8.16 min Scan# 896
Delta R.T. 0.01 min
Lab File: BM025018.D
Acq: 22 Feb 2020 09:56

Instrument :
BNA_M
ClientSampleId :
DBD14

Tgt Ion:105 Resp: 26996

Ion	Ratio	Lower	Upper
105	100		
77	77.6	61.6	92.4
51	20.5	16.7	25.1

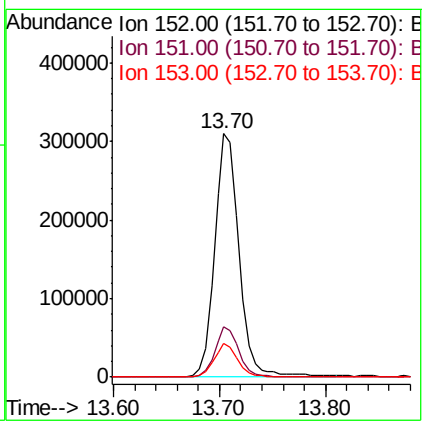


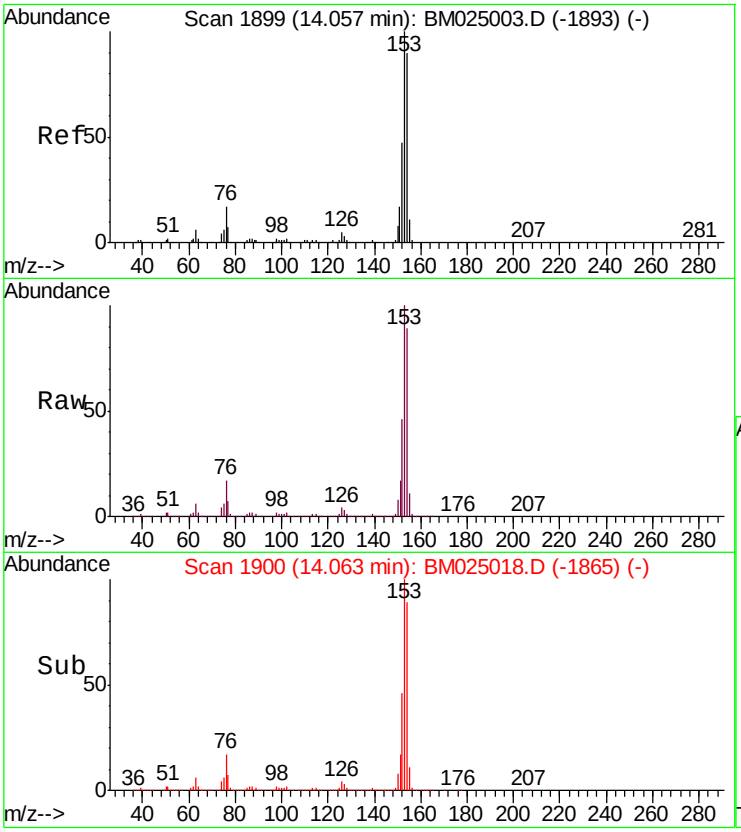


#48
Acenaphthylene
Concen: 8.032 ng/ul
RT: 13.70 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM025018.D
Acq: 22 Feb 2020 09:56

Tgt Ion:152 Resp: 500528

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.1	22.7
153	14.0	10.1	15.1



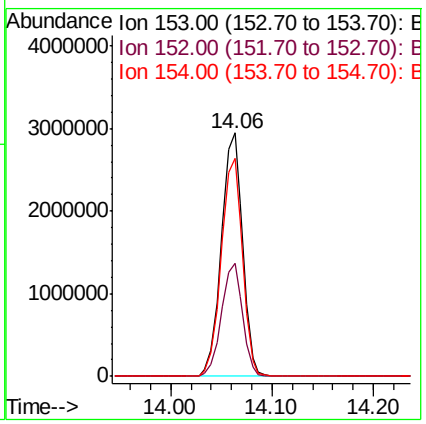


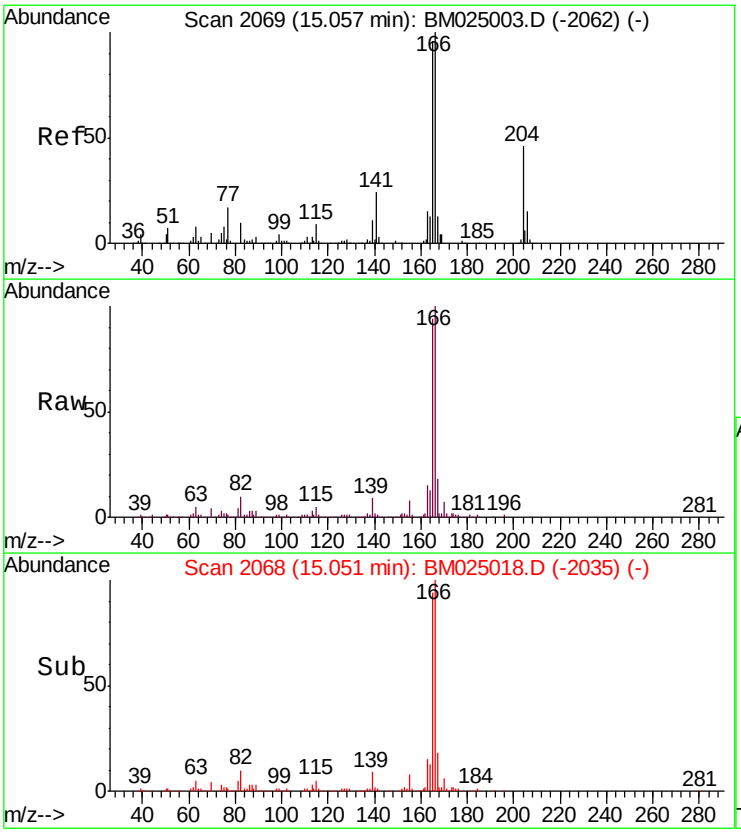
#50
Acenaphthene
Concen: 101.512 ng/ul
RT: 14.06 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BM025018.D
Acq: 22 Feb 2020 09:56

Instrument :
BNA_M
ClientSampleId :
DBD14

Tgt Ion:153 Resp: 4272226

Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.3	55.9
154	89.5	74.1	111.1

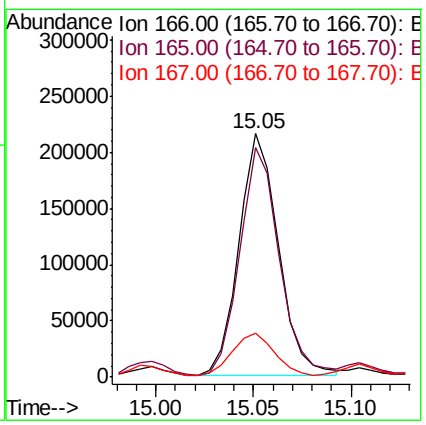


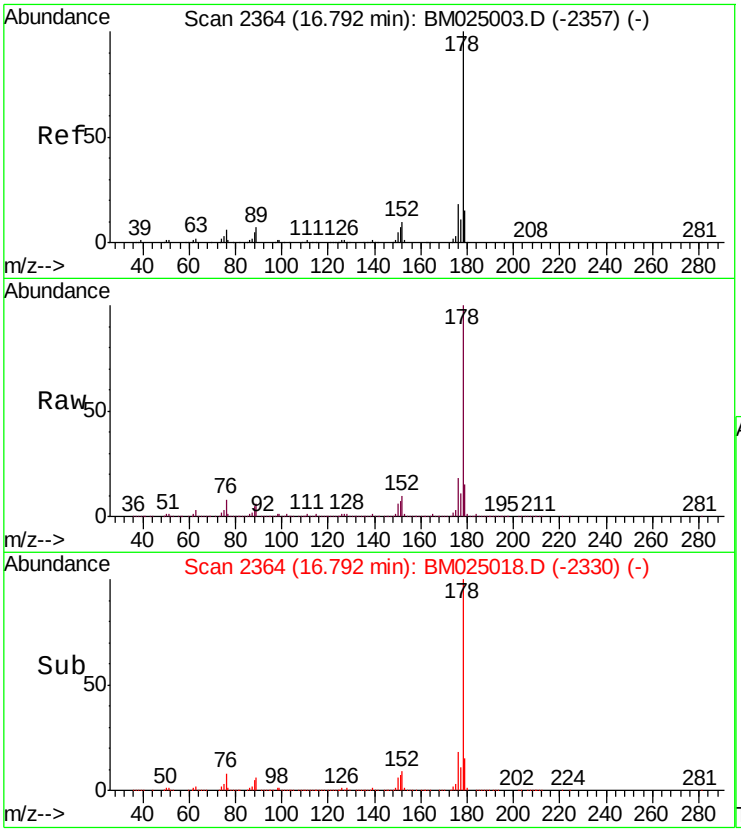


#59
Fluorene
Concen: 5.838 ng/ul
RT: 15.05 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM025018.D
Acq: 22 Feb 2020 09:56

Tgt Ion:166 Resp: 301825

Ion	Ratio	Lower	Upper
166	100		
165	94.1	75.8	113.8
167	18.0	10.6	16.0#



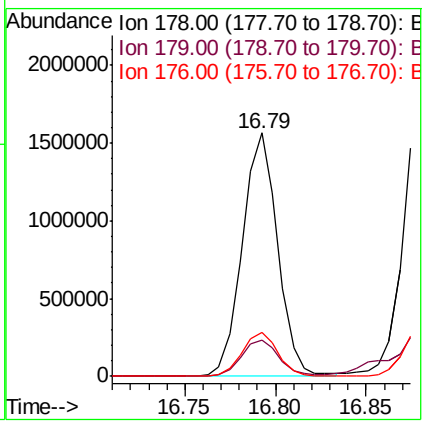


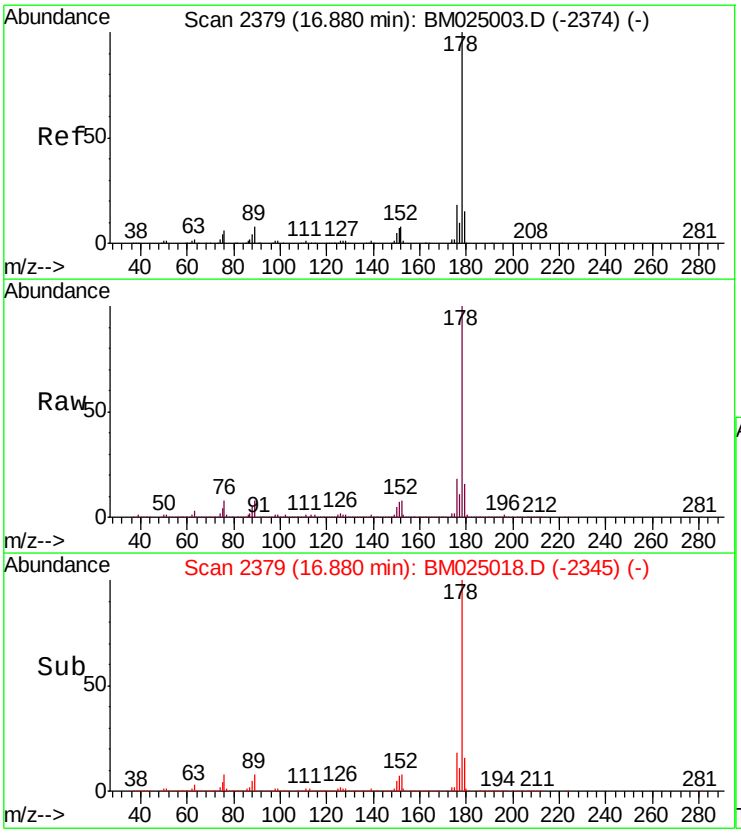
#70
Phenanthrene
Concen: 22.834 ng/ul
RT: 16.79 min Scan# 2364
Delta R.T. 0.00 min
Lab File: BM025018.D
Acq: 22 Feb 2020 09:56

Instrument :
BNA_M
ClientSampleId :
DBD14

Tgt Ion:178 Resp: 2108385

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.1	14.5	21.7

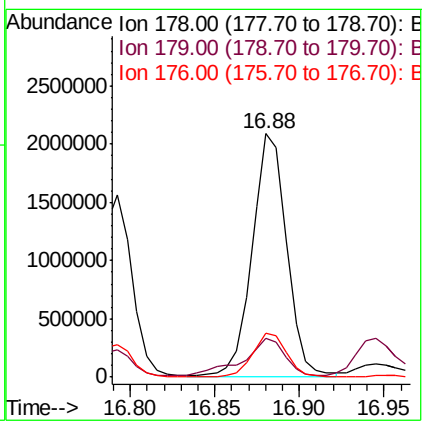


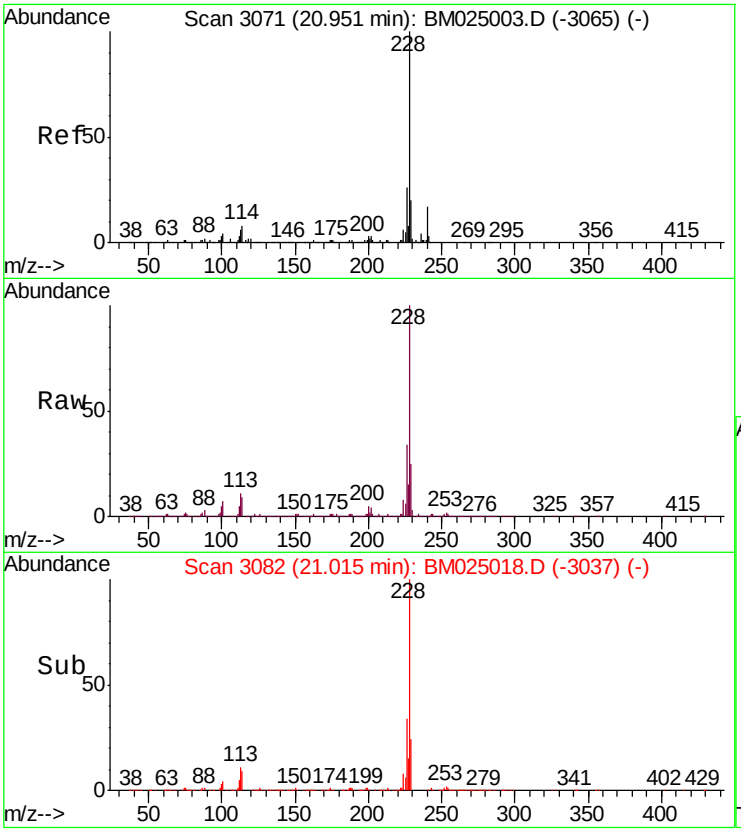


#72
Anthracene
Concen: 31.546 ng/ul
RT: 16.88 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BM025018.D
Acq: 22 Feb 2020 09:56

Tgt Ion:178 Resp: 2954122

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.1	14.1	21.1



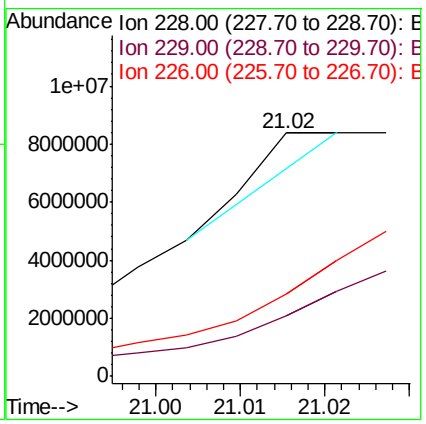


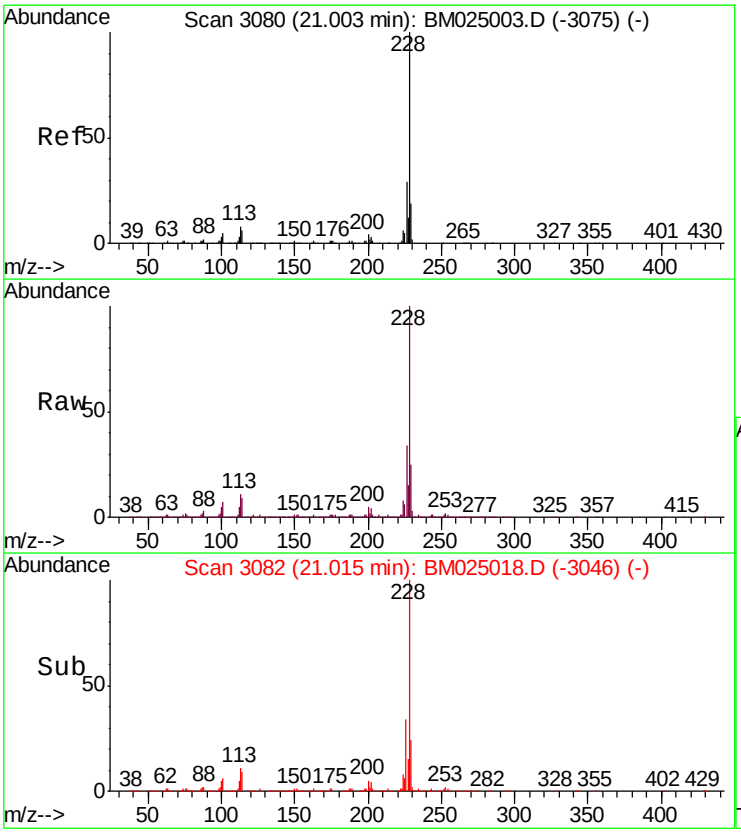
#83
Benzo(a)anthracene
Concen: 14.241 ng/ul
RT: 21.02 min Scan# 3082
Delta R.T. 0.06 min
Lab File: BM025018.D
Acq: 22 Feb 2020 09:56

Instrument :
BNA_M
ClientSampleId :
DBD14

Tgt Ion:228 Resp: 1959269

Ion	Ratio	Lower	Upper
228	100		
229	24.7	15.9	23.9#
226	33.9	20.8	31.2#

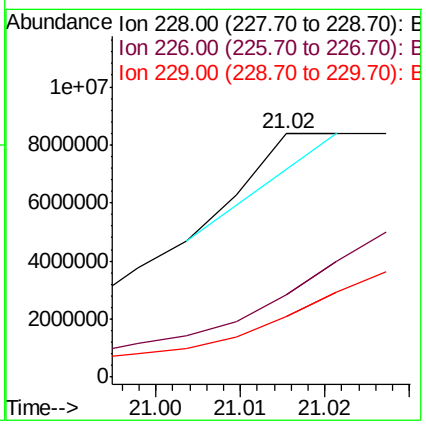


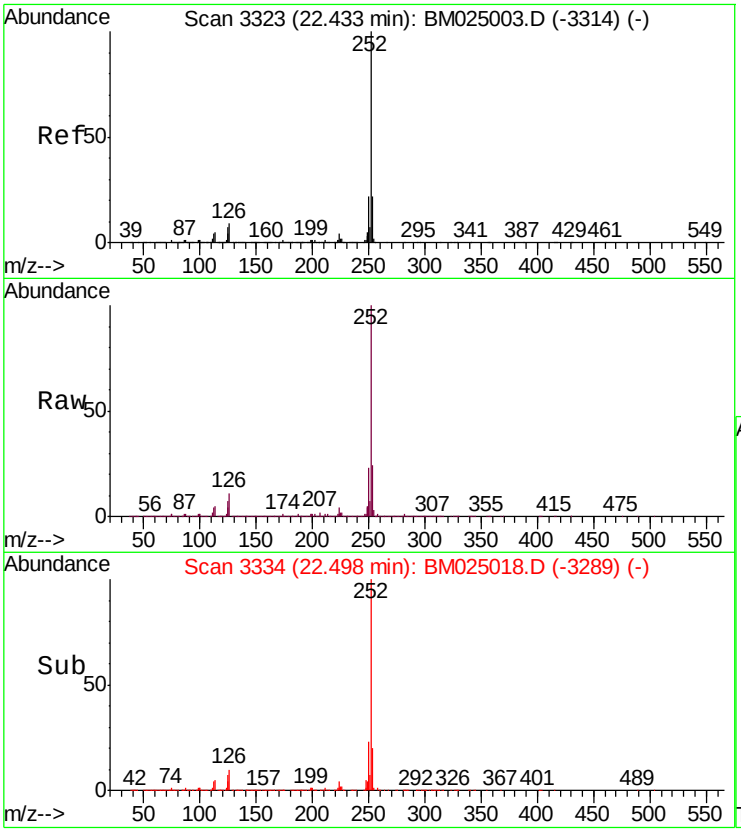


#85
Chrysene
Concen: 14.465 ng/ul
RT: 21.02 min Scan# 3082
Delta R.T. 0.01 min
Lab File: BM025018.D
Acq: 22 Feb 2020 09:56

Tgt Ion:228 Resp: 1959269

Ion	Ratio	Lower	Upper
228	100		
226	33.9	23.0	34.4
229	24.7	15.8	23.8#



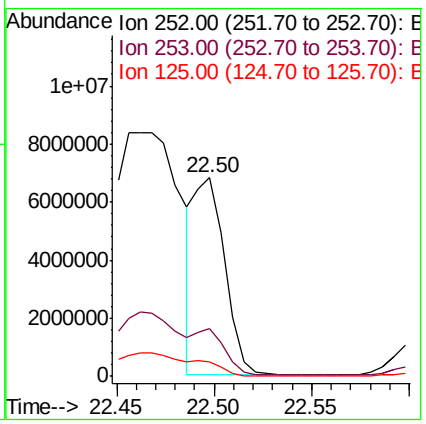


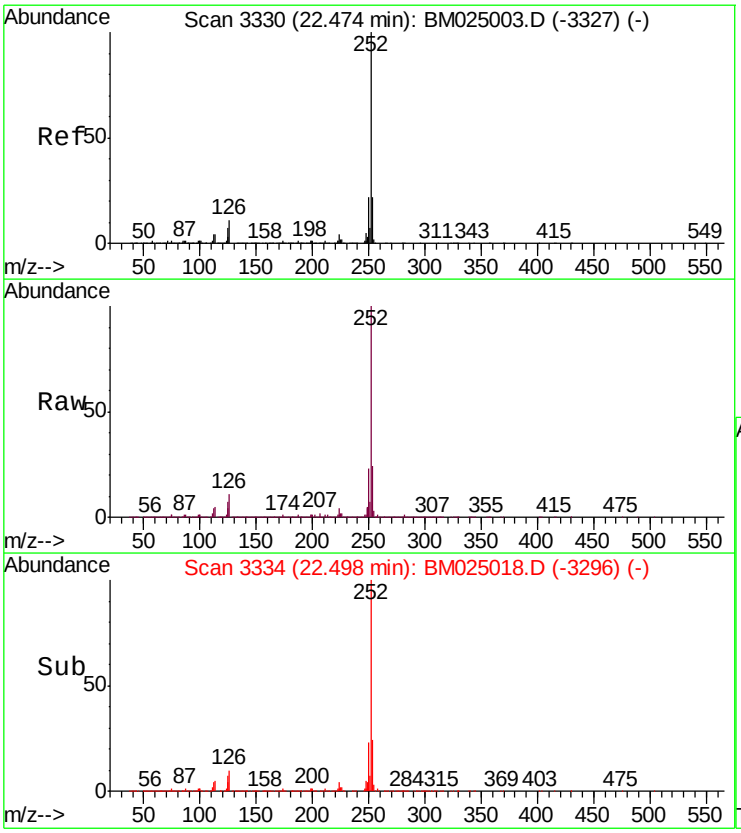
#88
Benzo(b)fluoranthene
Concen: 49.424 ng/ul
RT: 22.50 min Scan# 3334
Delta R.T. 0.06 min
Lab File: BM025018.D
Acq: 22 Feb 2020 09:56

Instrument :
BNA_M
ClientSampleId :
DBD14

Tgt Ion:252 Resp: 7301174

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	7.5	5.1	7.7

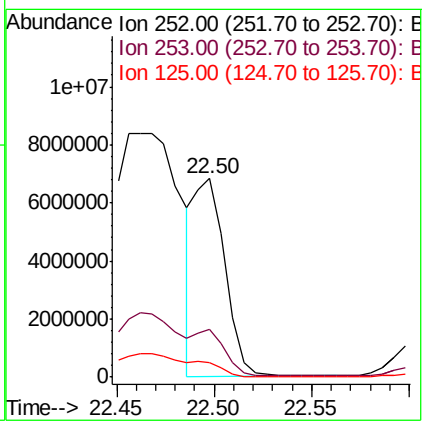


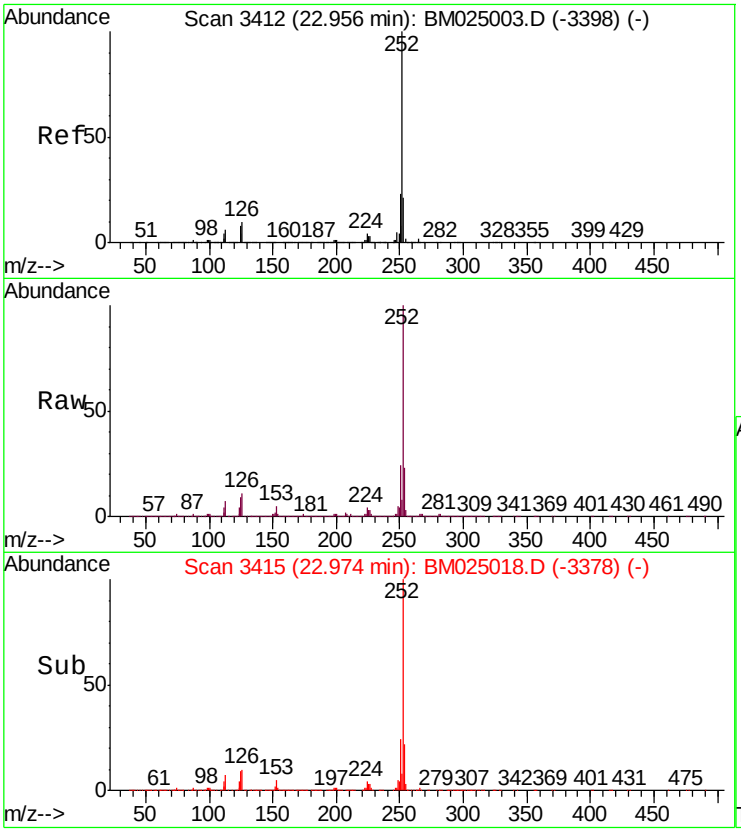


#89
Benzo(k)fluoranthene
Concen: 52.036 ng/ul
RT: 22.50 min Scan# 3334
Delta R.T. 0.02 min
Lab File: BM025018.D
Acq: 22 Feb 2020 09:56

Tgt Ion:252 Resp: 7398928

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	7.5	5.1	7.7



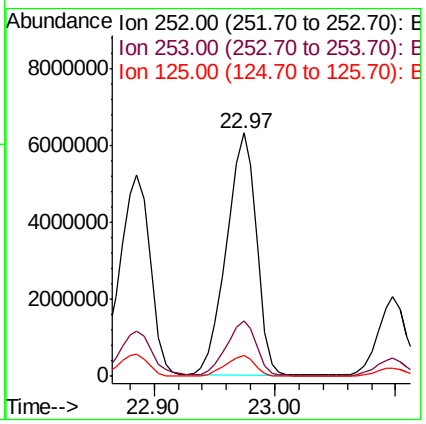


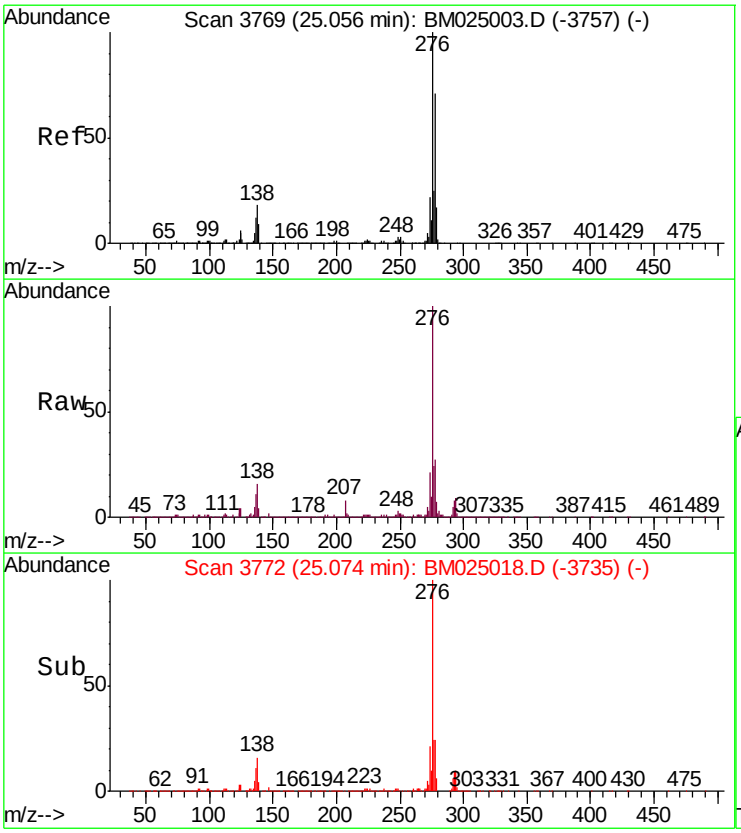
#91
Benzo(a)pyrene
Concen: 82.069 ng/ul
RT: 22.97 min Scan# 3415
Delta R.T. 0.02 min
Lab File: BM025018.D
Acq: 22 Feb 2020 09:56

Instrument :
BNA_M
ClientSampleId :
DBD14

Tgt Ion:252 Resp:10869256

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	8.6	5.6	8.4#

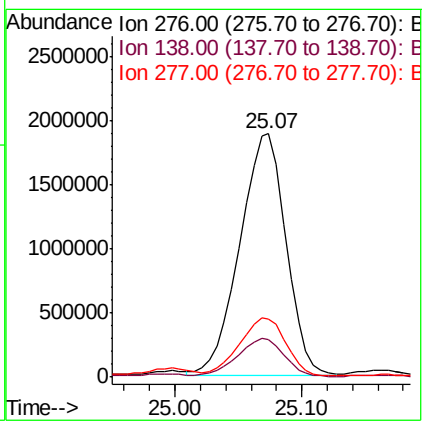


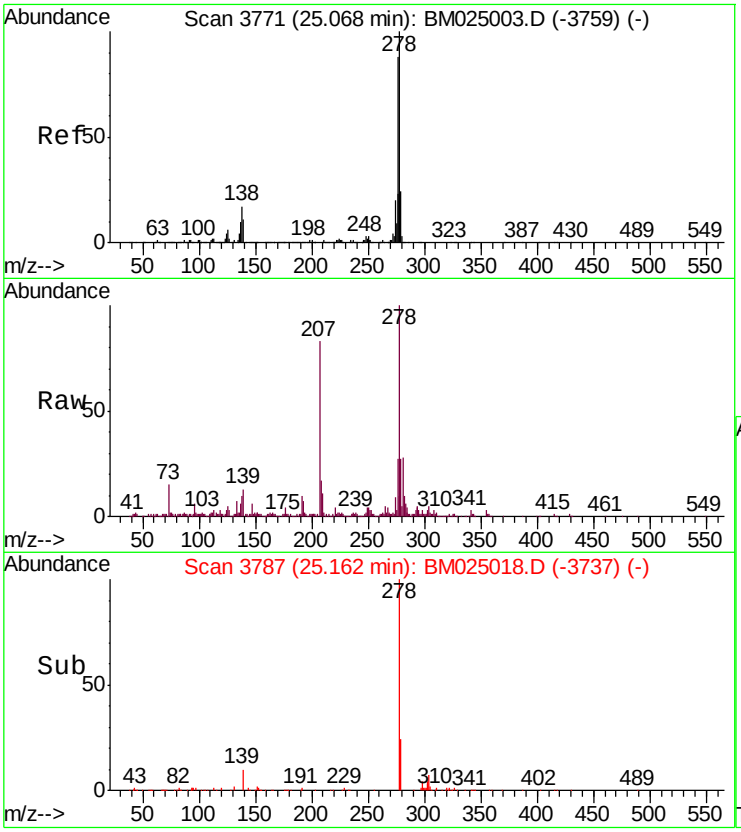


#92
Indeno(1,2,3-cd)pyrene
Concen: 29.107 ng/ul
RT: 25.07 min Scan# 3772
Delta R.T. 0.02 min
Lab File: BM025018.D
Acq: 22 Feb 2020 09:56

Tgt Ion:276 Resp: 4799182

Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.8	19.2
277	23.9	19.3	28.9



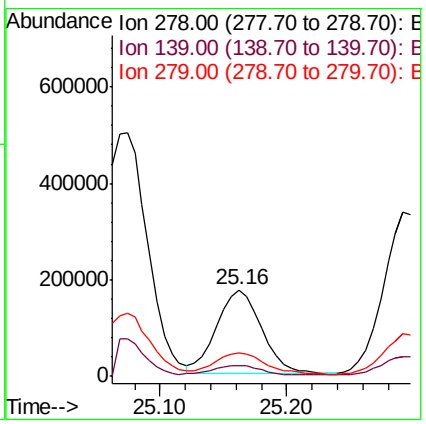


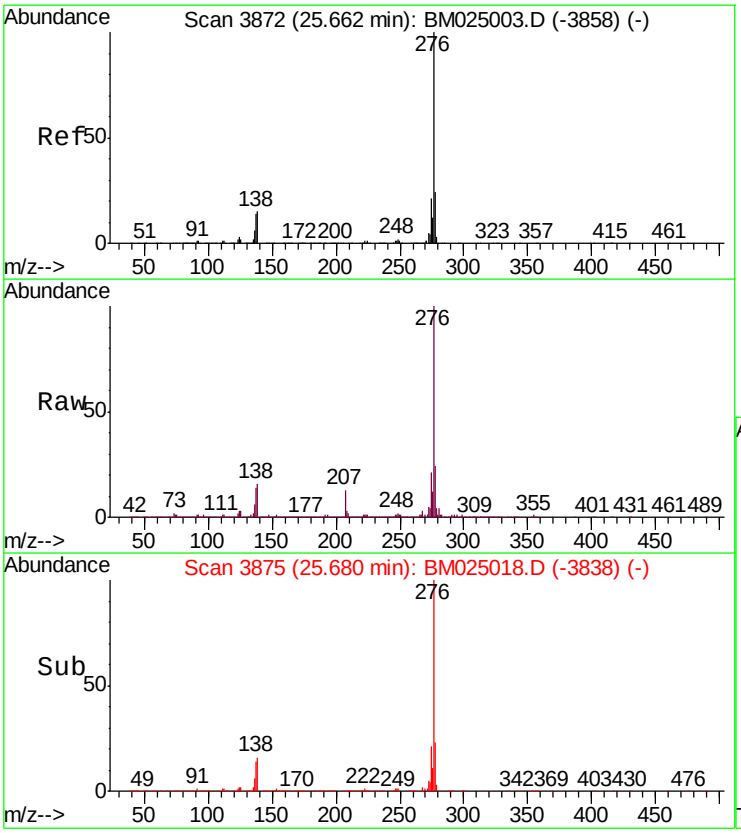
#93
Dibenzo(a,h)anthracene
Concen: 2.991 ng/ul
RT: 25.16 min Scan# 3787
Delta R.T. 0.09 min
Lab File: BM025018.D
Acq: 22 Feb 2020 09:56

Instrument :
BNA_M
ClientSampleId :
DBD14

Tgt Ion:278 Resp: 420148

Ion	Ratio	Lower	Upper
278	100		
139	12.6	8.4	12.6
279	26.9	18.5	27.7





#94
Benzo(g,h,i)perylene
Concen: 23.932 ng/ul
RT: 25.68 min Scan# 3875
Delta R.T. 0.02 min
Lab File: BM025018.D
Acq: 22 Feb 2020 09:56

Tgt Ion:276 Resp: 3281875

Ion	Ratio	Lower	Upper
276	100		
138	15.8	11.8	17.6
277	23.6	19.0	28.6