Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121418\

Quantitation Report (Not Reviewed)

Data File : BM018192.D
Acq On : 15 Dec 2018 06:24
Operator : JU/SJ
Sample : J6238-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE8B6

Quant Time: Dec 15 20:24:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 15 03:53:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	191580	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	808647	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	431546	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	750282	20.00	ng/ul	0.01
77) Chrysene-d12	21.15	240	588442	20.00	ng/ul	0.01
85) Perylene-d12	23.32	264	654056	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	12154	3.03	ng/uL	0.00
5) Phenol-d5	6.71	99	241536	13.12	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	153212	15.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	205300	14.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	188368	12.61	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	100732	15.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	109511	13.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	187184	13.77	ng/ul	0.01
29) 4-Chloroaniline-d4	10.43	131	158005	13.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	592741	15.53	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	680280	14.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	47252	6.86	ng/ul	0.02
57) Fluorene-d10	15.17	176	459032	14.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	9102	1.59	ng/ul	0.02
70) Anthracene-d10	17.03	188	567338	14.96	ng/ul	0.00
78) Pyrene-d10	19.34	212	468265	16.60	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.18	264	508738	14.04	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.73	94	46786	2.584	ng/ul#	84
28) Naphthalene	10.32	128	143631	3.301	ng/ul	99
30) 4-Chloroaniline	10.33	127	18959	1.548	ng/ul#	14
34) 2-Methylnaphthalene	11.95	142	85660	2.654	ng/ul	97
44) Dimethylphthalate	13.63	163	61165	1.683	ng/ul	97
47) Acenaphthylene	13.89	152	54637	1.241	ng/ul#	93
49) Acenaphthene	14.23	153	317918	10.248	ng/ul	99
53) Dibenzofuran	14.57	168	279352	6.513	ng/ul	95
58) Fluorene	15.23	166	449132	12.603	ng/ul	99
69) Phenanthrene	16.98	178	4382514	100.060	ng/ul	99
71) Anthracene	17.06	178	1180680	26.194	ng/ul	99
74) Carbazole	17.35	167	167650	4.087	ng/ul	99
76) Fluoranthene	19.01	202	4243224	83.522	ng/ul	98
79) Pyrene	19.37	202	4011818	113.958	ng/ul	97
82) Benzo(a)anthracene	21.13	228	1830747	49.159	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.07	149	263130	10.631	ng/ul	100
84) Chrysene	21.19	228	1554306	44.727	ng/ul	96
87) Benzo(b)fluoranthene	22.68	252	1809821	46.432	ng/ul#	96
88) Benzo(k)fluoranthene	22.68	252	1809821	46.658	ng/ul	97
90) Benzo(a)pyrene	23.23	252	1444641	37.576	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.46	276	886682	20.324	ng/ul	96
92) Dibenzo(a,h)anthracene	25.46	278	243136	6.559	ng/ul#	89
93) Benzo(g,h,i)perylene	26.12	276	805469	22.152	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121418\

Quantitation Report (Not Reviewed)

Data File : BM018192.D
Acq On : 15 Dec 2018 06:24
Operator : JU/SJ
Sample : J6238-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE8B6

Quant Time: Dec 15 20:24:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 15 03:53:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

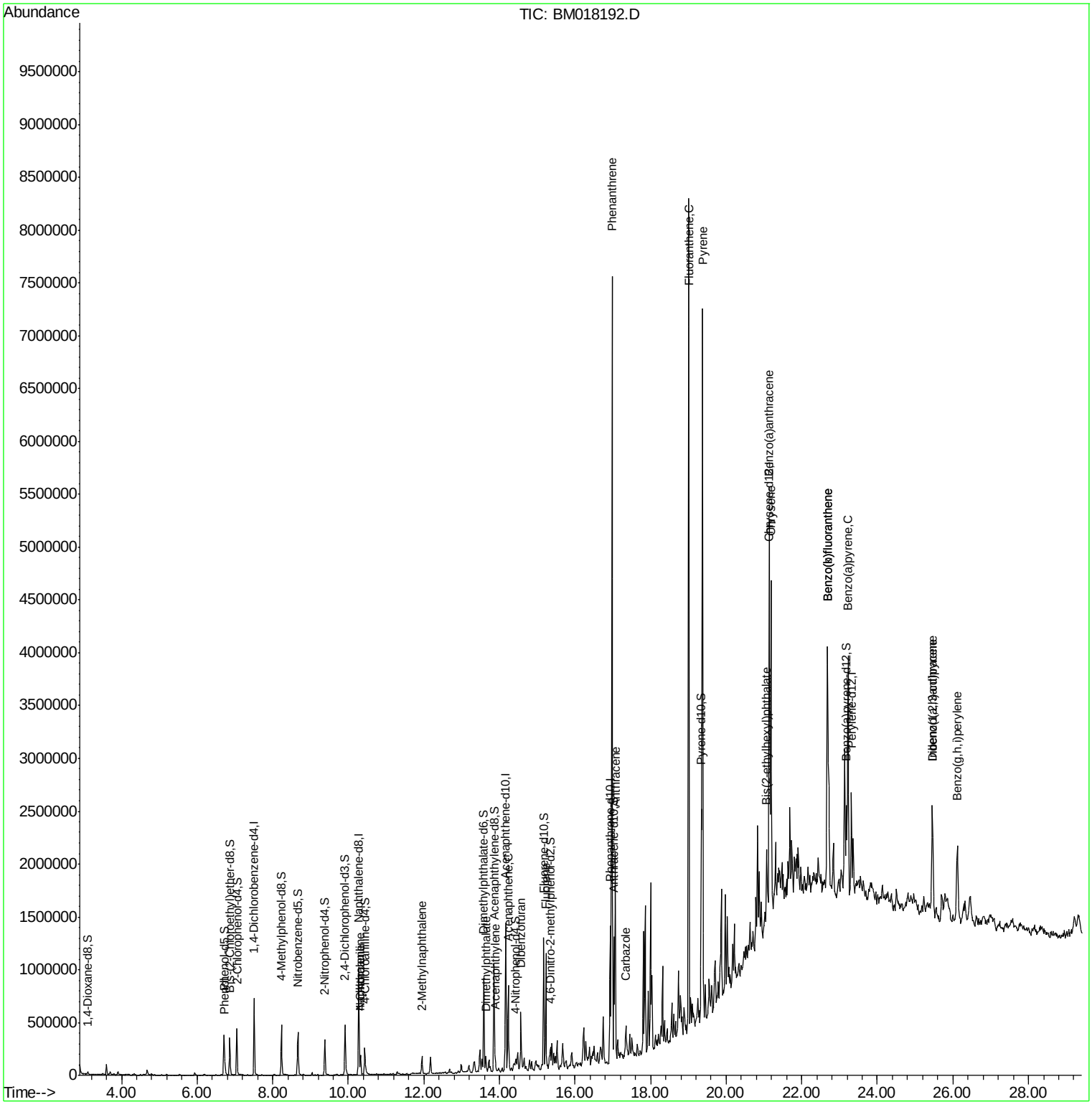
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM121418\

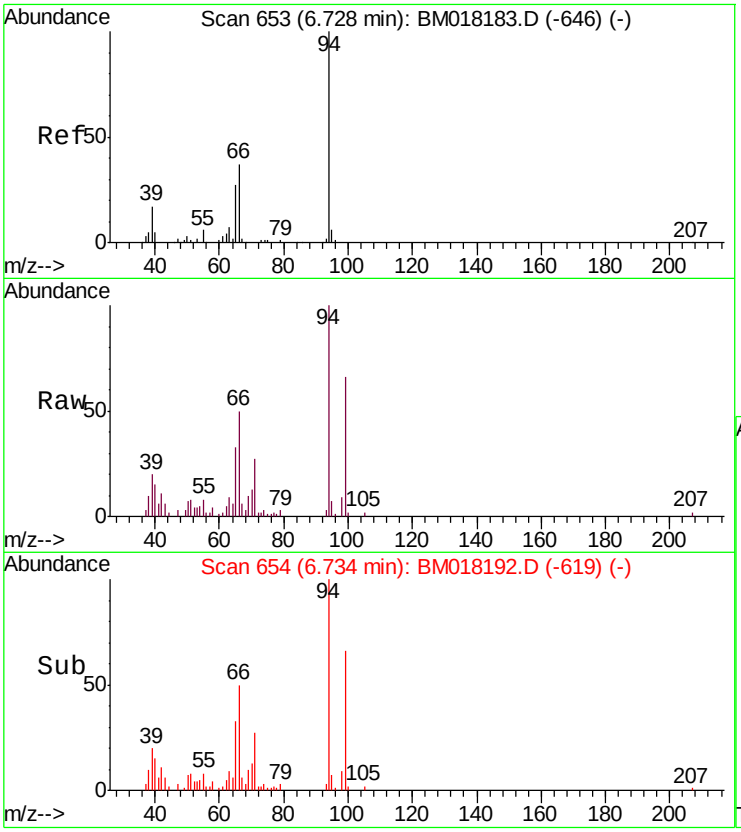
Quantitation Report (Not Reviewed)

Data File : BM018192.D
Acq On : 15 Dec 2018 06:24
Operator : JU/SJ
Sample : J6238-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE8B6

Quant Time: Dec 15 20:24:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 15 03:53:40 2018
Response via : Initial Calibration



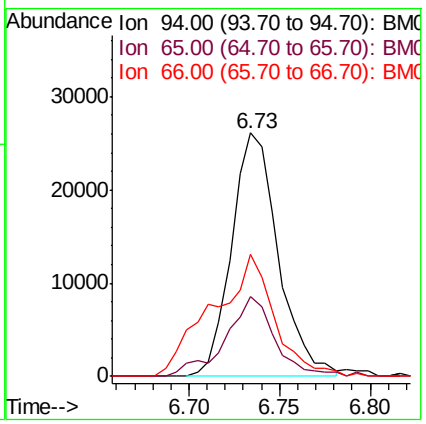


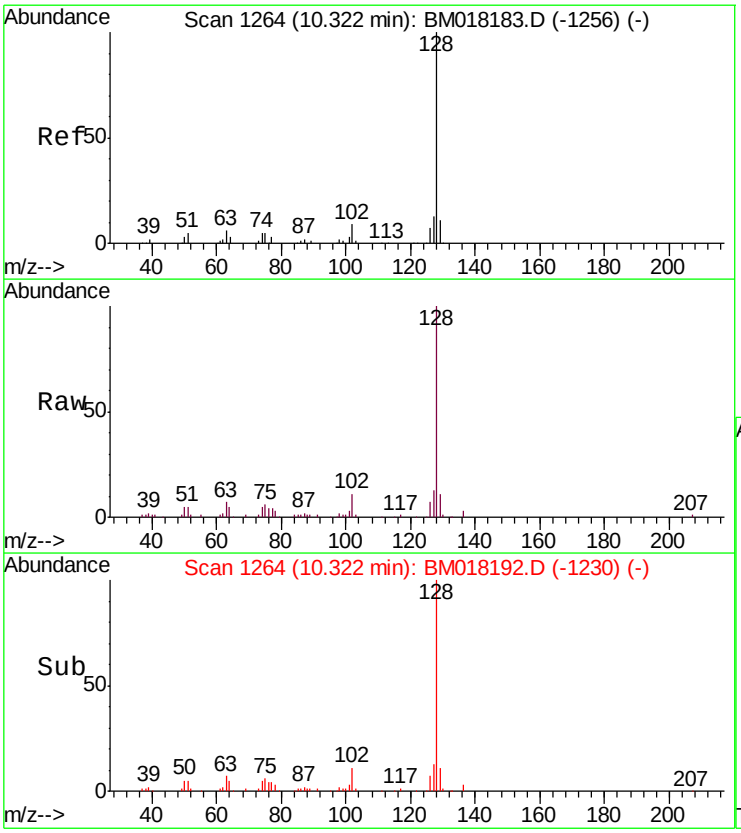
#6
Phenol
Concen: 2.584 ng/ul
RT: 6.73 min Scan# 654
Delta R.T. 0.01 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Instrument :
BNA_M
ClientSampleId :
BE8B6

Tgt Ion: 94 Resp: 46786

Ion	Ratio	Lower	Upper
94	100		
65	32.6	22.0	33.0
66	49.9	30.3	45.5#

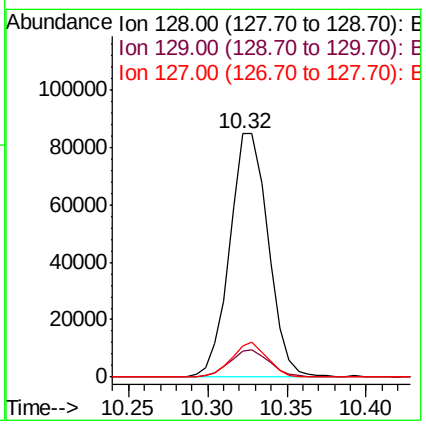


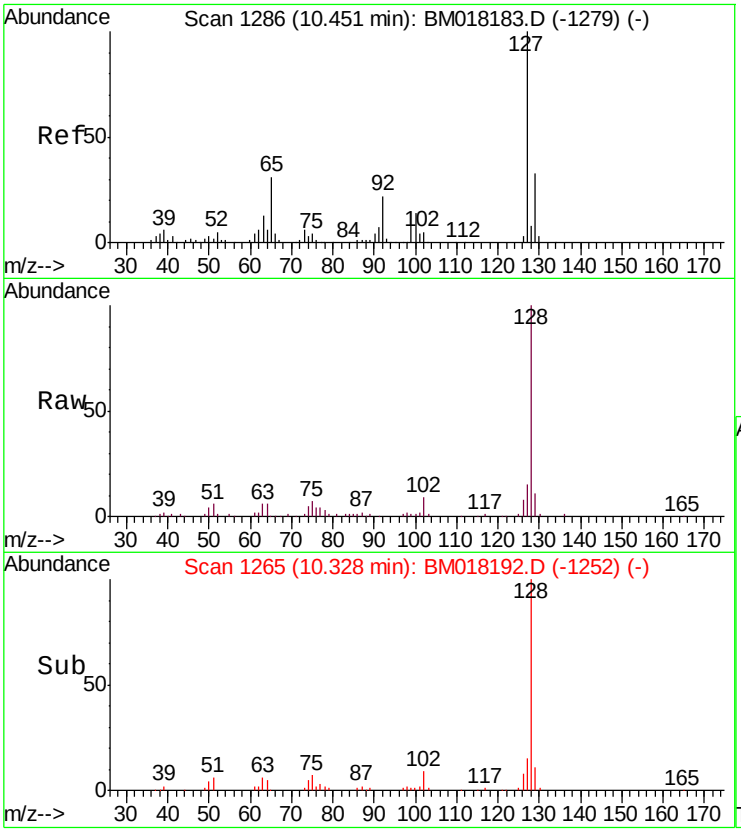


#28
Naphthalene
Concen: 3.301 ng/ul
RT: 10.32 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Tgt Ion:128 Resp: 143631

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.2	12.4
127	12.7	9.7	14.5



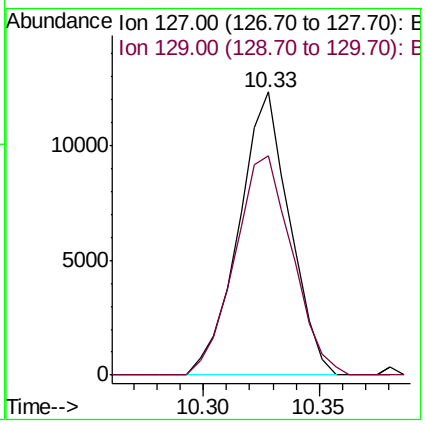


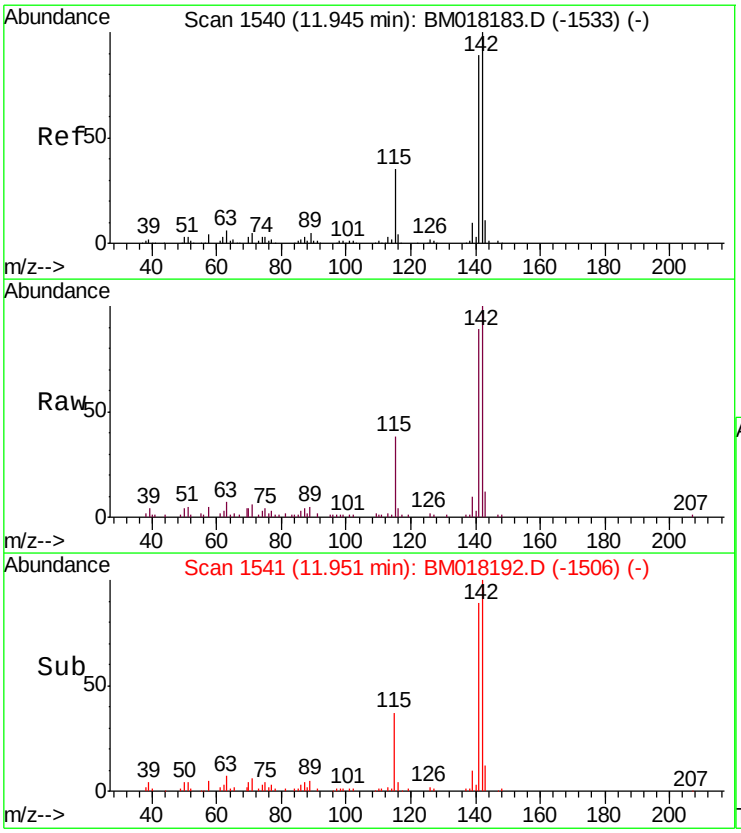
#30
4-Chloroaniline
Concen: 1.548 ng/ul
RT: 10.33 min Scan# 1265
Delta R.T. -0.12 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Instrument :
BNA_M
ClientSampleId :
BE8B6

Tgt Ion:127 Resp: 18959

Ion	Ratio	Lower	Upper
127	100		
129	77.4	24.3	36.5#

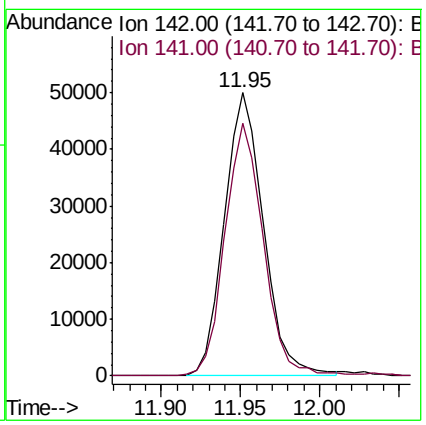


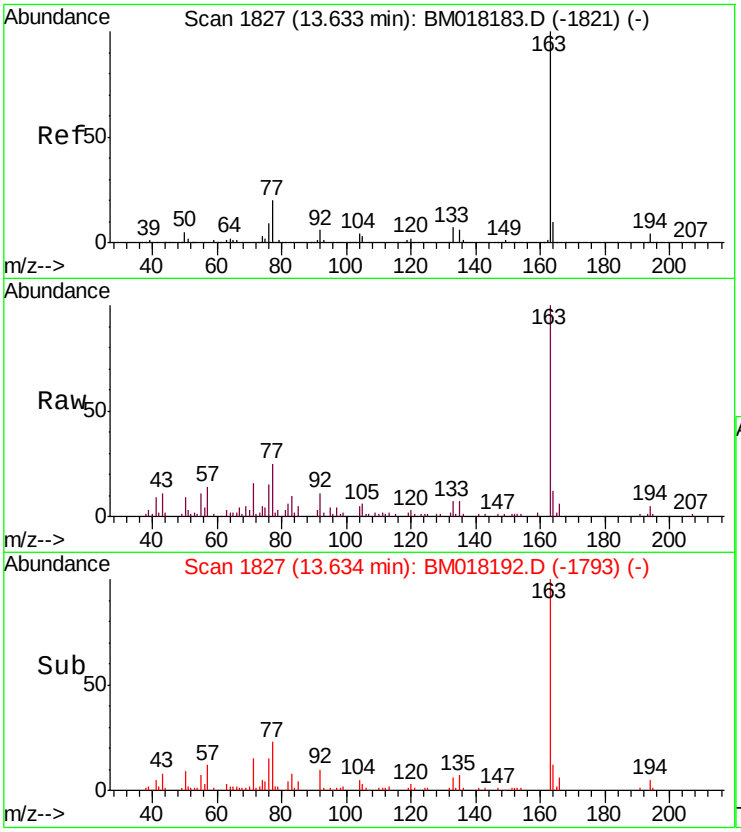


#34
2-Methylnaphthalene
Concen: 2.654 ng/ul
RT: 11.95 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Tgt Ion:142 Resp: 85660

Ion	Ratio	Lower	Upper
142	100		
141	89.4	69.0	103.4



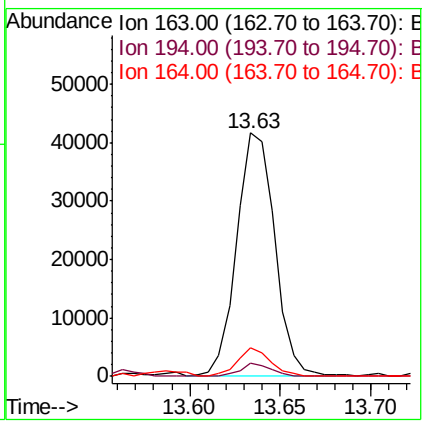


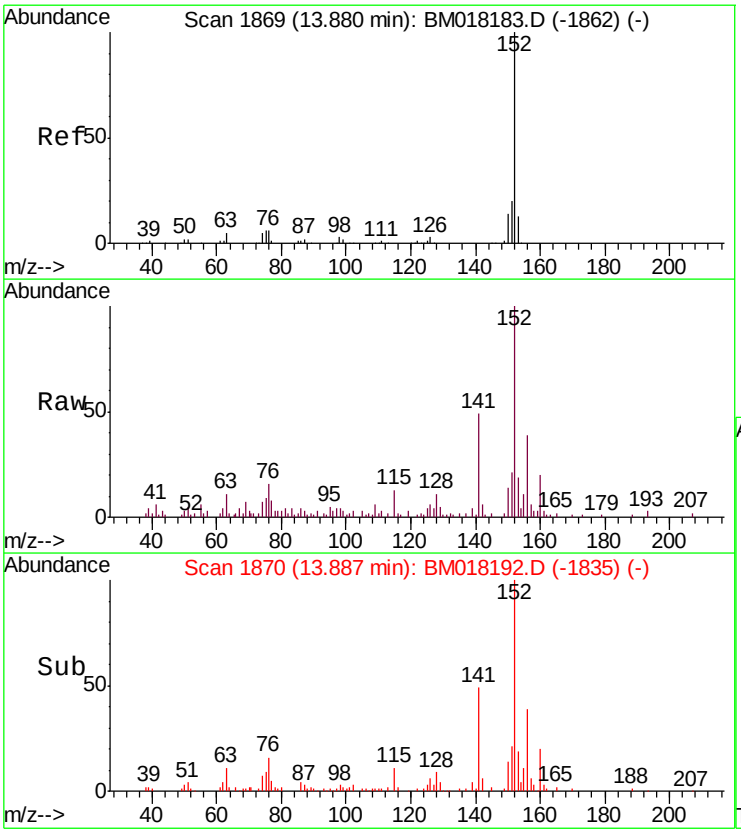
#44
Dimethylphthalate
Concen: 1.683 ng/ul
RT: 13.63 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Instrument :
BNA_M
ClientSampleId :
BE8B6

Tgt Ion:163 Resp: 61165

Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.7	5.5
164	11.7	8.2	12.4

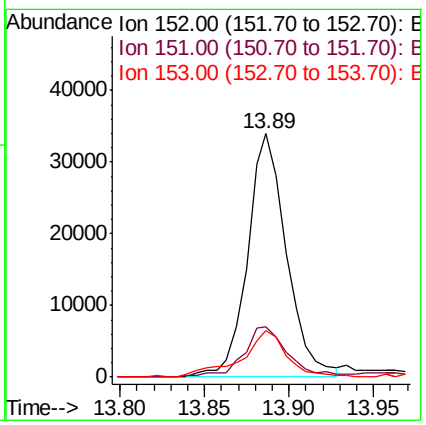


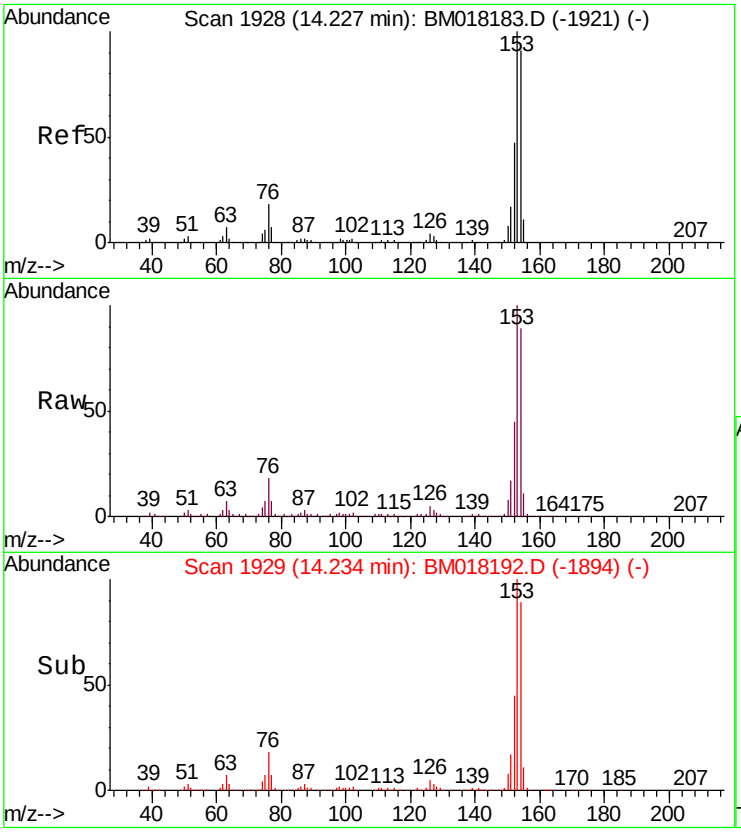


#47
Acenaphthylene
Concen: 1.241 ng/ul
RT: 13.89 min Scan# 1870
Delta R.T. 0.01 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Tgt Ion:152 Resp: 54637

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.7	23.5
153	19.0	10.2	15.4#



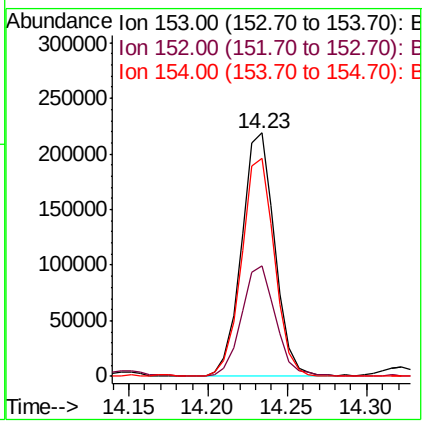


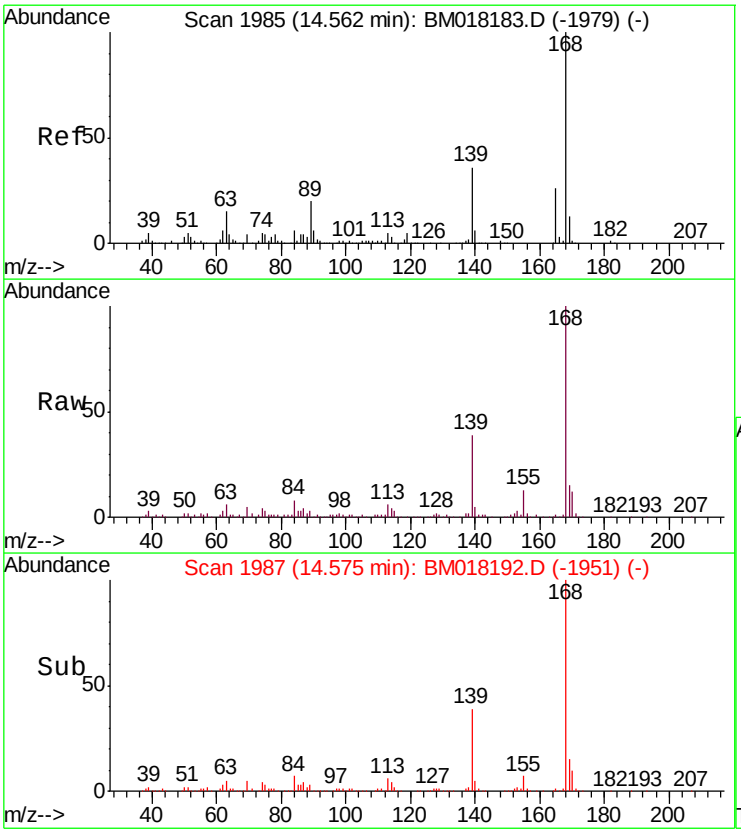
#49
Acenaphthene
Concen: 10.248 ng/ul
RT: 14.23 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Instrument :
BNA_M
ClientSampleId :
BE8B6

Tgt Ion:153 Resp: 317918

Ion	Ratio	Lower	Upper
153	100		
152	45.1	37.1	55.7
154	89.3	71.8	107.8

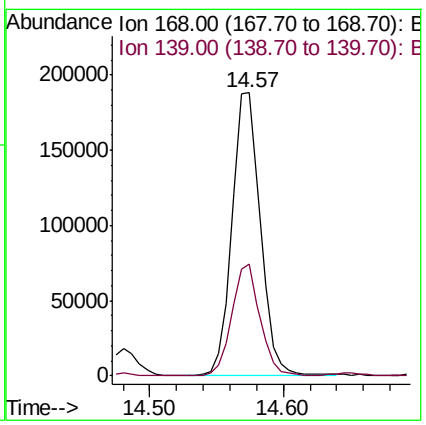


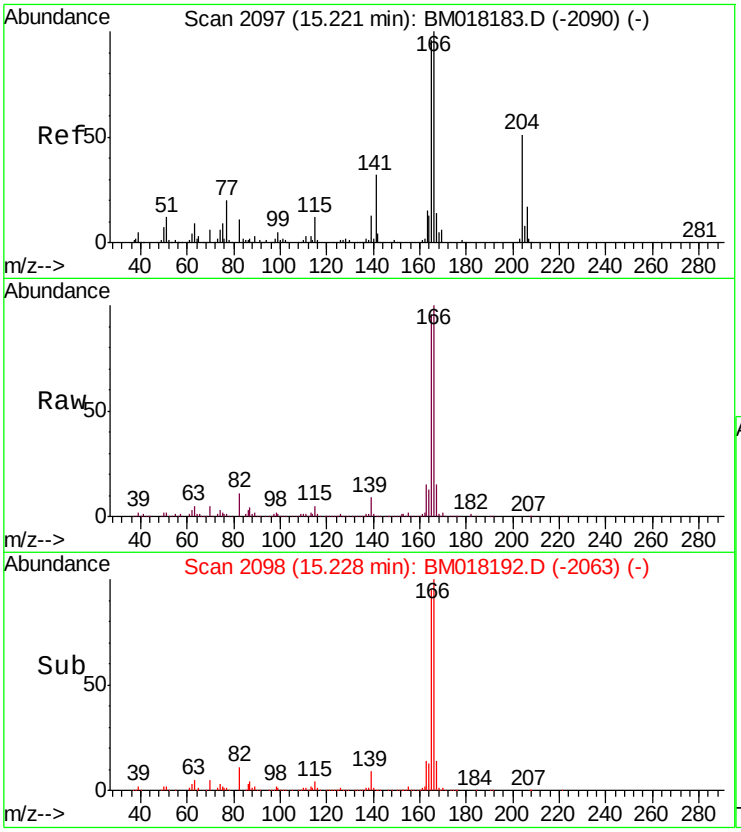


#53
Dibenzofuran
Concen: 6.513 ng/ul
RT: 14.57 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Tgt Ion:168 Resp: 279352

Ion	Ratio	Lower	Upper
168	100		
139	39.4	29.4	44.0



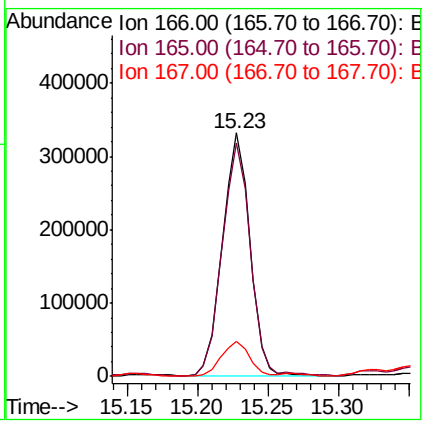


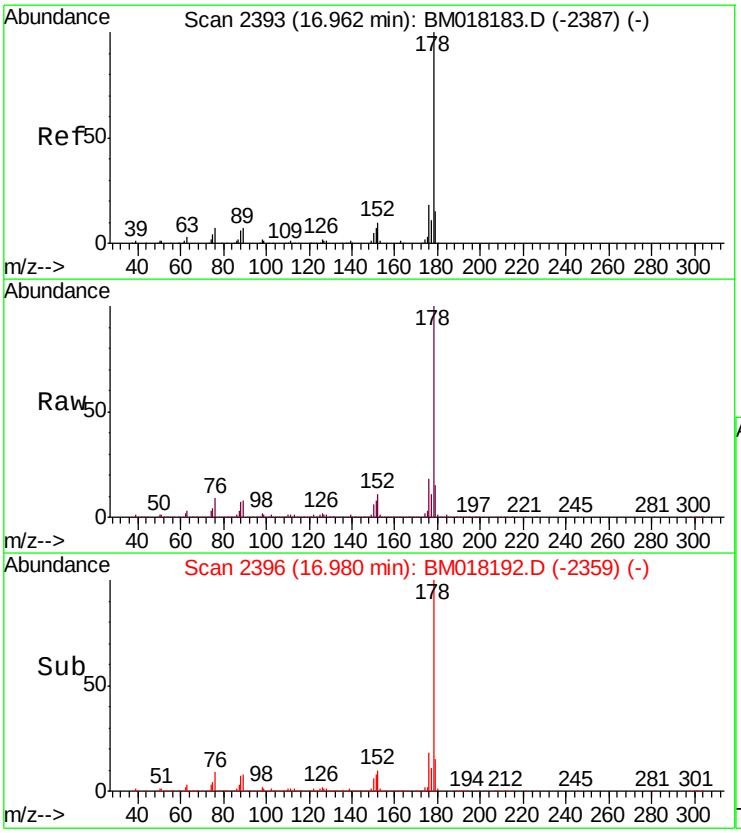
#58
Fluorene
Concen: 12.603 ng/ul
RT: 15.23 min Scan# 2098
Delta R.T. 0.01 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Instrument :
BNA_M
ClientSampleId :
BE8B6

Tgt Ion:166 Resp: 449132

Ion	Ratio	Lower	Upper
166	100		
165	95.8	76.2	114.4
167	14.6	11.2	16.8

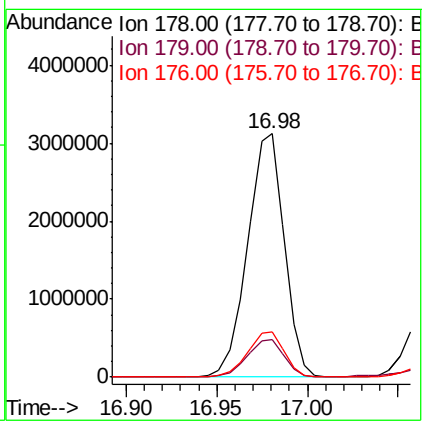


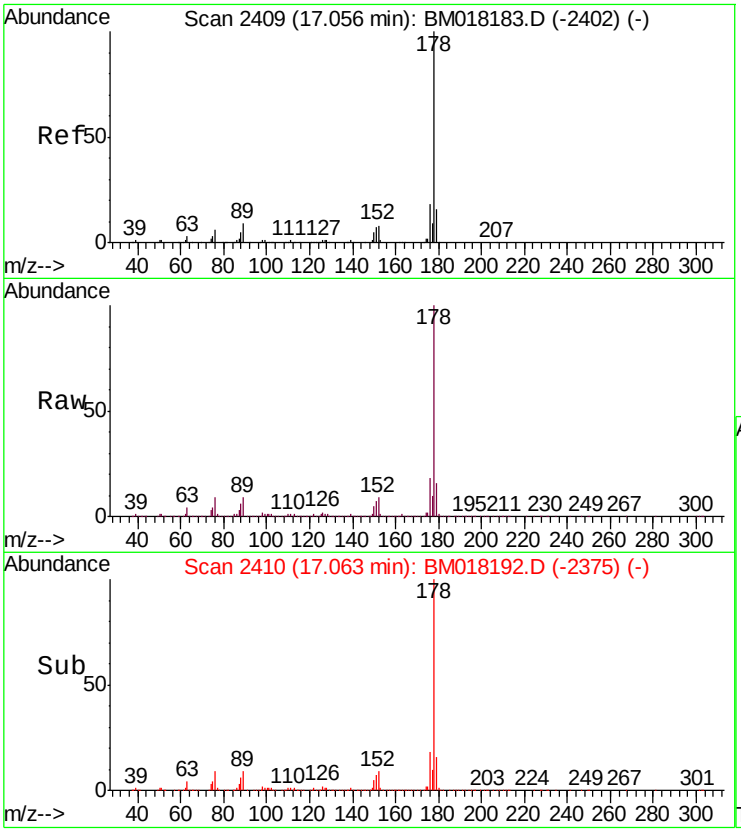


#69
Phenanthrene
Concen: 100.060 ng/ul
RT: 16.98 min Scan# 2396
Delta R.T. 0.02 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Tgt Ion:178 Resp: 4382514

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.4	14.3	21.5



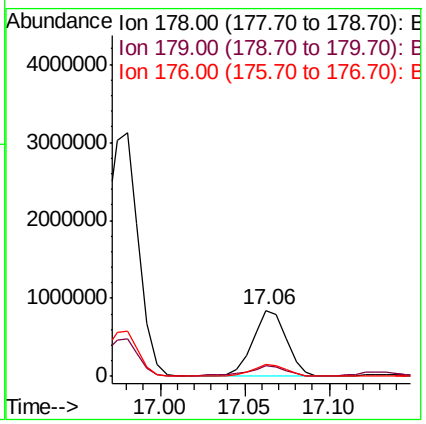


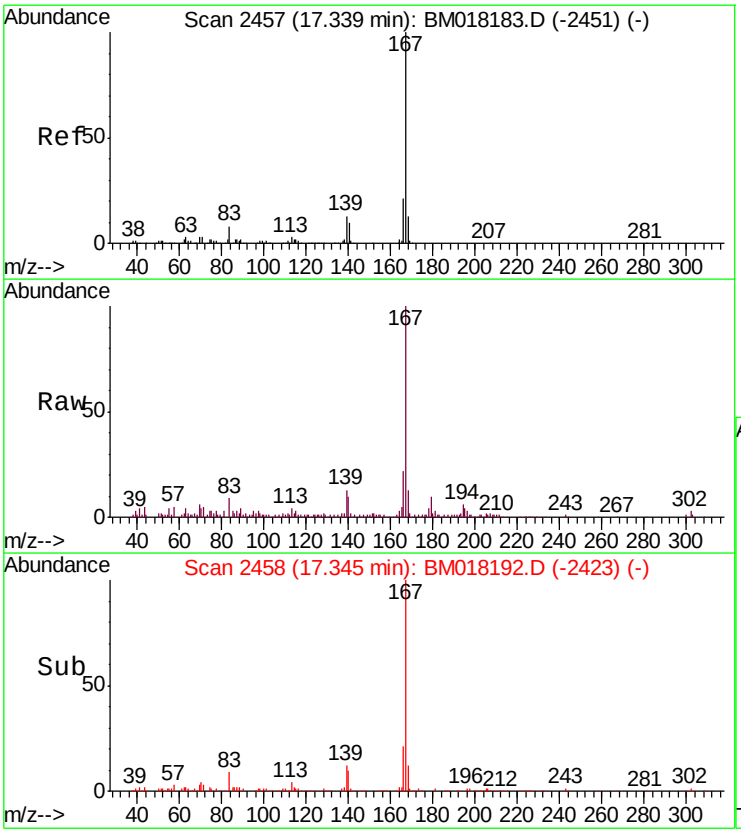
#71
Anthracene
Concen: 26.194 ng/ul
RT: 17.06 min Scan# 2410
Delta R.T. 0.01 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Instrument :
BNA_M
ClientSampleId :
BE8B6

Tgt Ion:178 Resp: 1180680

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	18.1	14.1	21.1

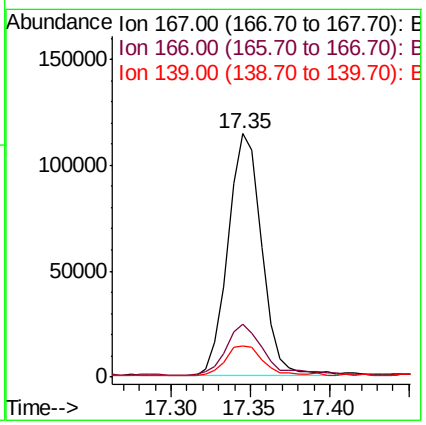


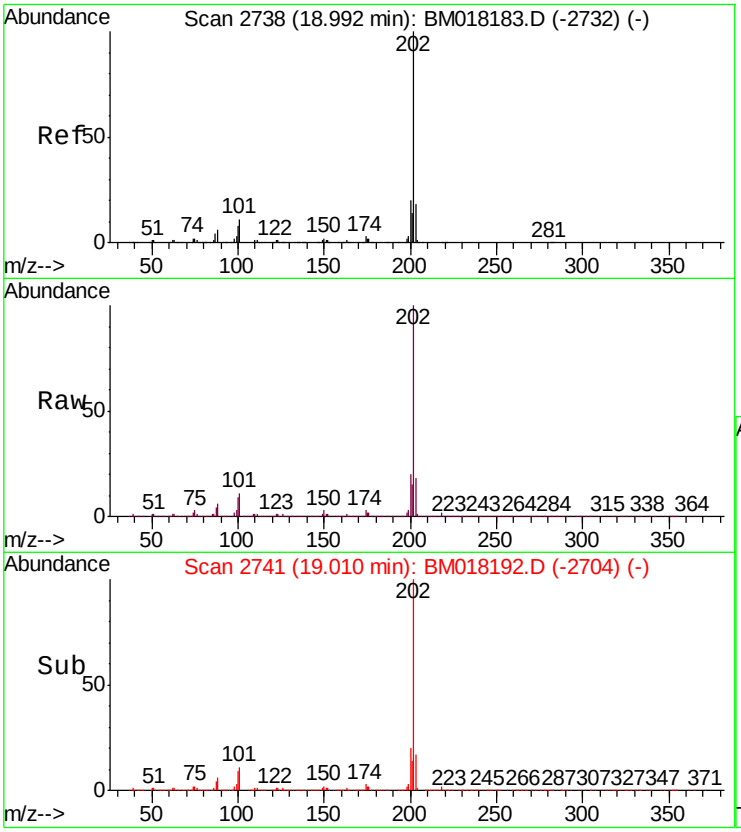


#74
Carbazole
Concen: 4.087 ng/ul
RT: 17.35 min Scan# 2458
Delta R.T. 0.01 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Tgt Ion:167 Resp: 167650

Ion	Ratio	Lower	Upper
167	100		
166	21.6	16.6	24.8
139	12.9	10.2	15.4



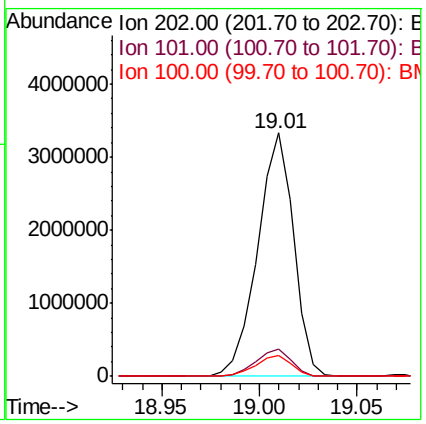


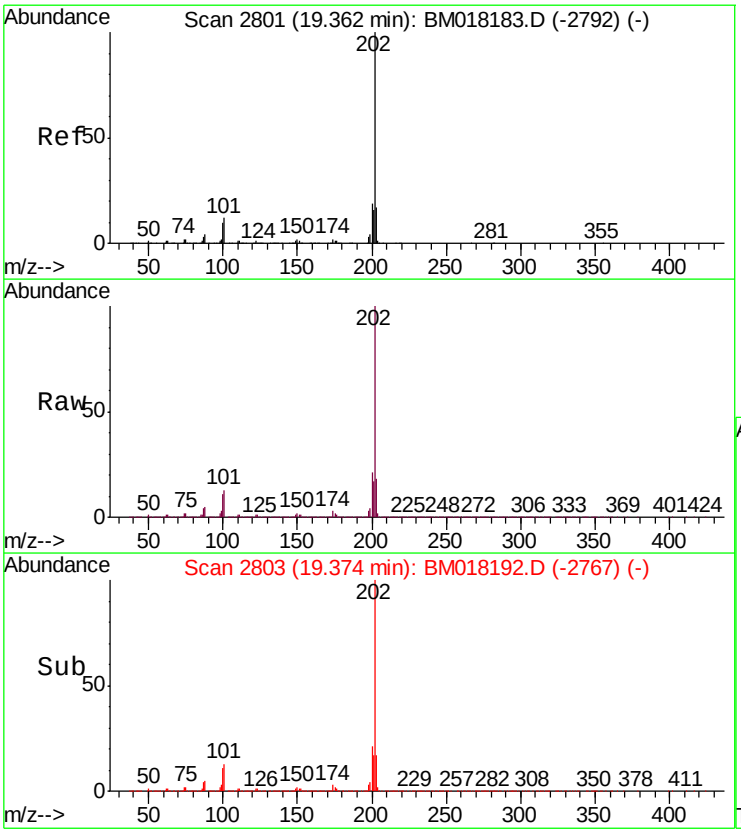
#76
Fluoranthene
Concen: 83.522 ng/ul
RT: 19.01 min Scan# 2741
Delta R.T. 0.02 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Instrument :
BNA_M
ClientSampleId :
BE8B6

Tgt Ion:202 Resp: 4243224

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.0	12.0
100	8.8	6.6	10.0

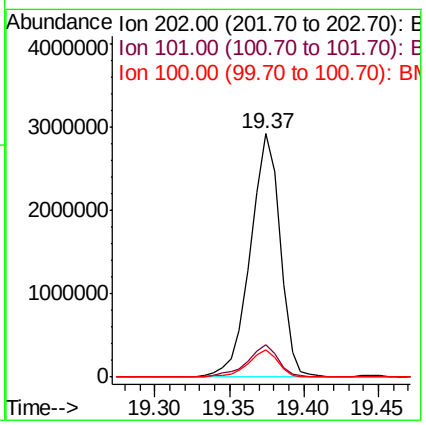


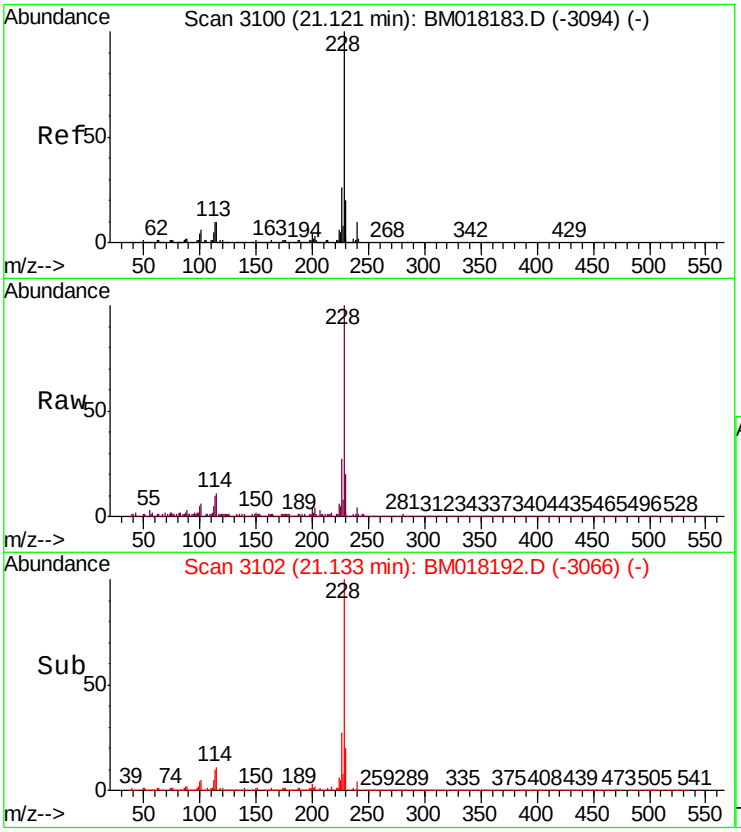


#79
Pyrene
Concen: 113.958 ng/ul
RT: 19.37 min Scan# 2803
Delta R.T. 0.01 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Tgt Ion:202 Resp: 4011818

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.6	14.4
100	11.0	7.7	11.5



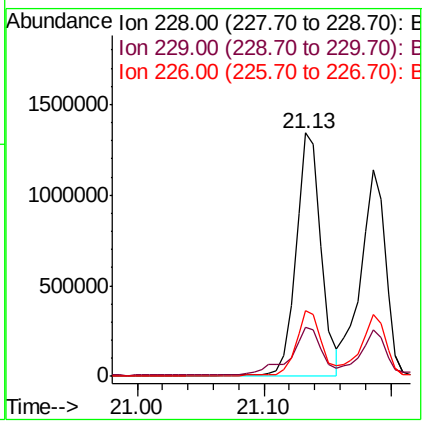


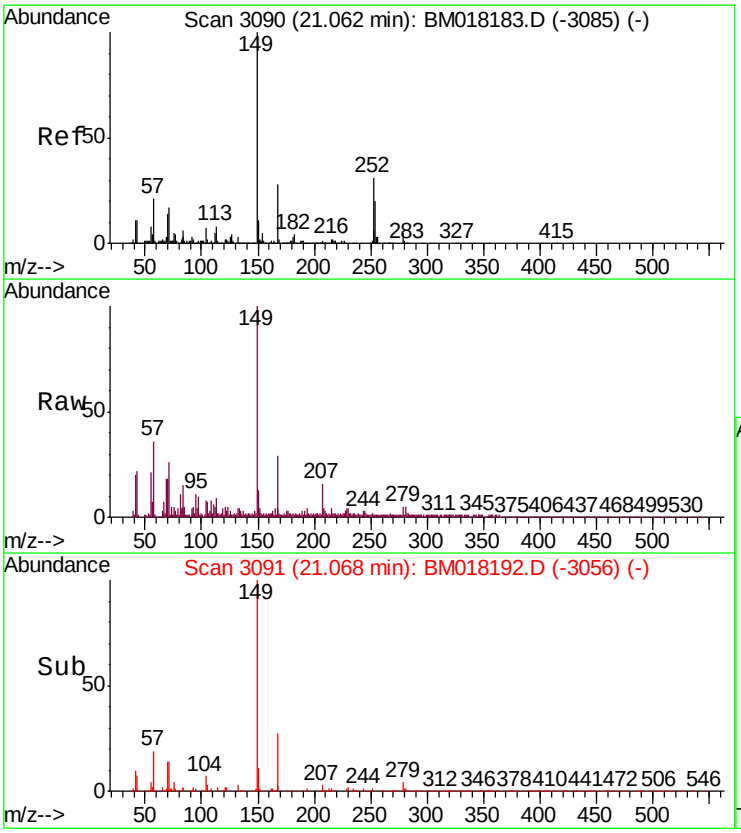
#82
Benzo(a)anthracene
Concen: 49.159 ng/ul
RT: 21.13 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Instrument :
BNA_M
ClientSampleId :
BE8B6

Tgt Ion:228 Resp: 1830747

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.0	24.0
226	26.9	20.5	30.7

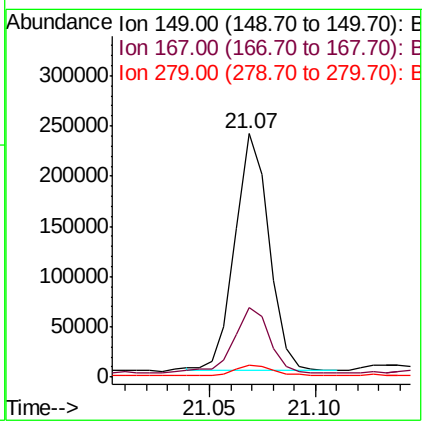


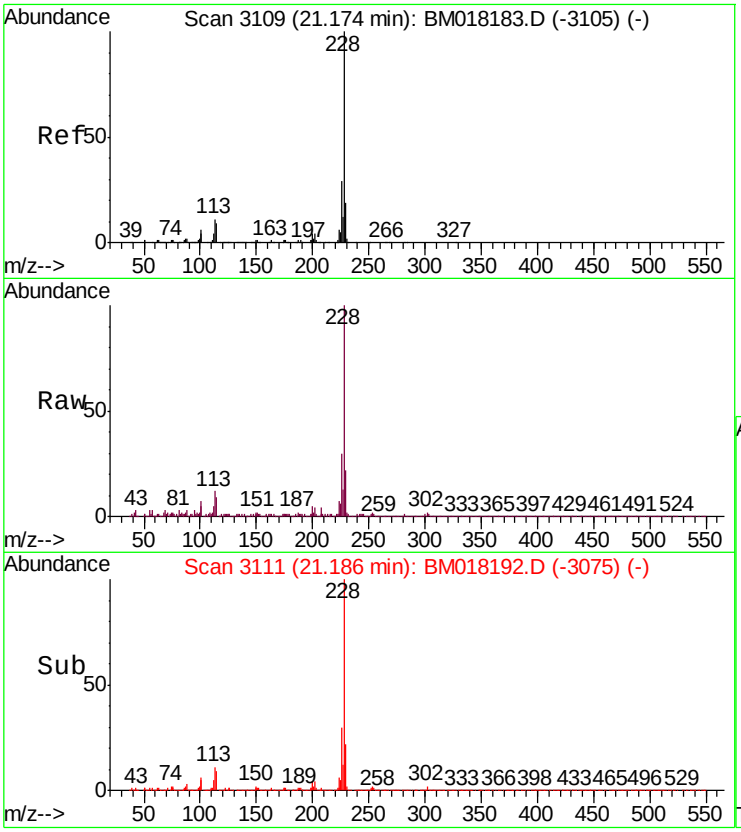


#83
Bis(2-ethylhexyl)phthalate
Concen: 10.631 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Tgt Ion:149 Resp: 263130

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.8	34.2
279	5.1	3.8	5.8



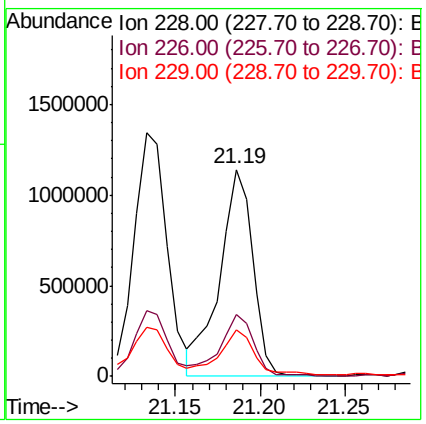


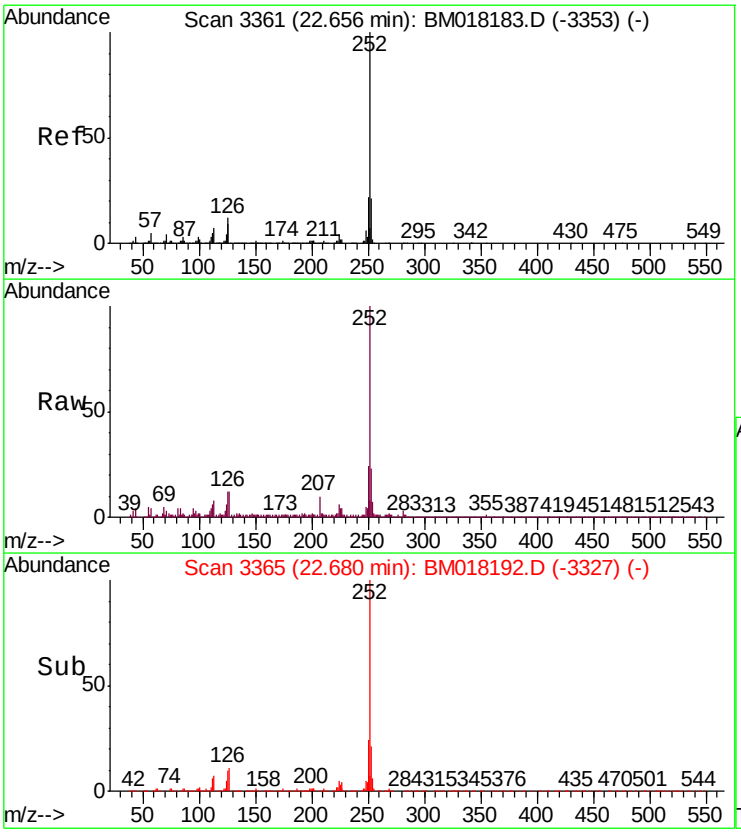
#84
Chrysene
Concen: 44.727 ng/ul
RT: 21.19 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Instrument :
BNA_M
ClientSampleId :
BE8B6

Tgt Ion:228 Resp: 1554306

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.6	33.8
229	22.4	15.5	23.3

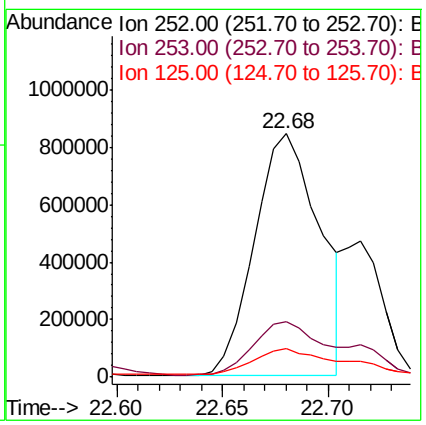


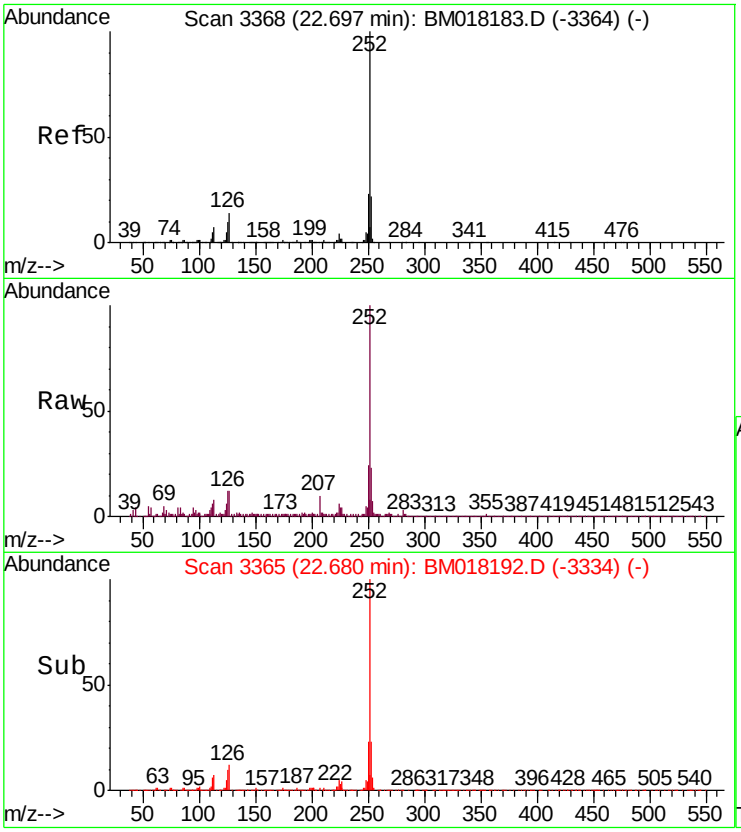


#87
Benzo(b)fluoranthene
Concen: 46.432 ng/ul
RT: 22.68 min Scan# 3365
Delta R.T. 0.02 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Tgt Ion:252 Resp: 1809821

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	11.7	7.8	11.6#



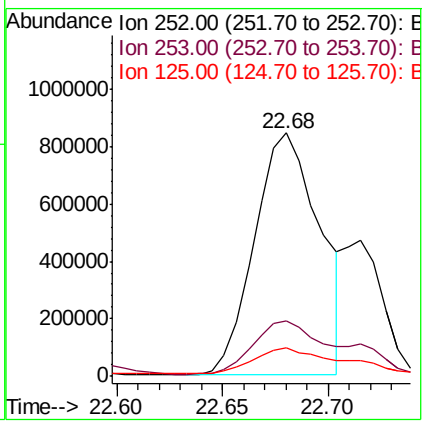


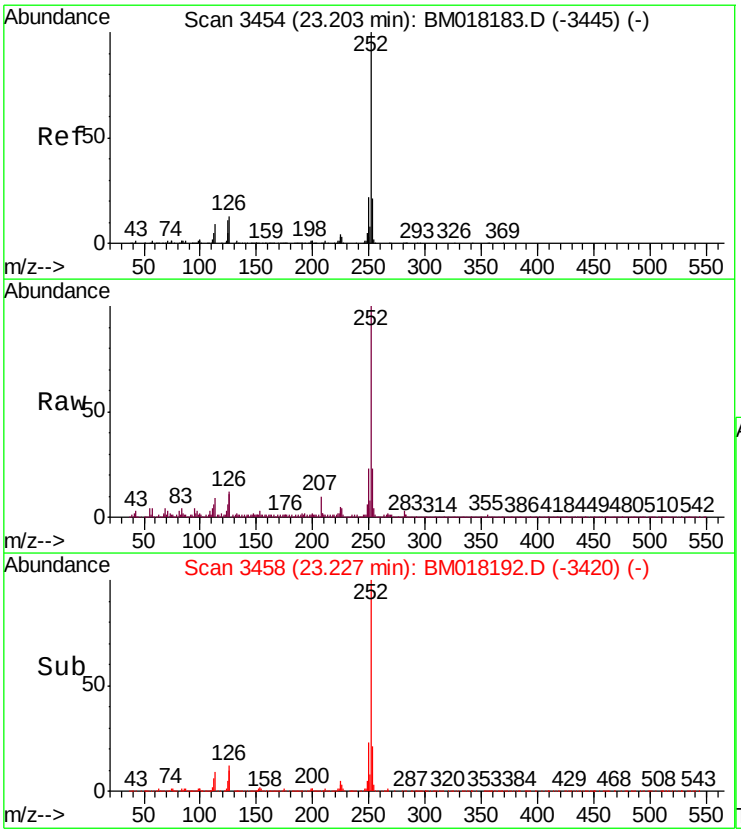
#88
Benzo(k)fluoranthene
Concen: 46.658 ng/ul
RT: 22.68 min Scan# 3365
Delta R.T. -0.02 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Instrument :
BNA_M
ClientSampleId :
BE8B6

Tgt Ion:252 Resp: 1809821

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	11.7	7.8	11.8

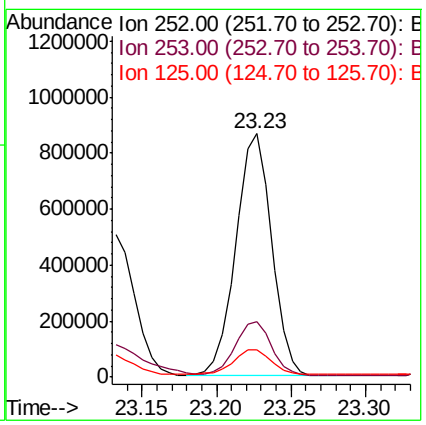


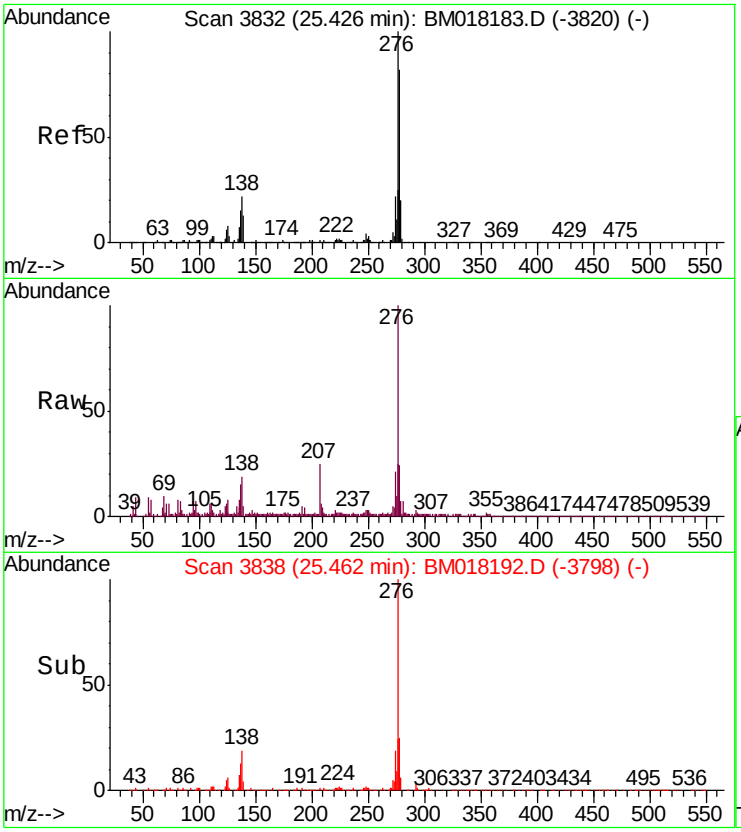


#90
Benzo(a)pyrene
Concen: 37.576 ng/ul
RT: 23.23 min Scan# 3458
Delta R.T. 0.02 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Tgt Ion:252 Resp: 1444641

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	11.0	9.0	13.4



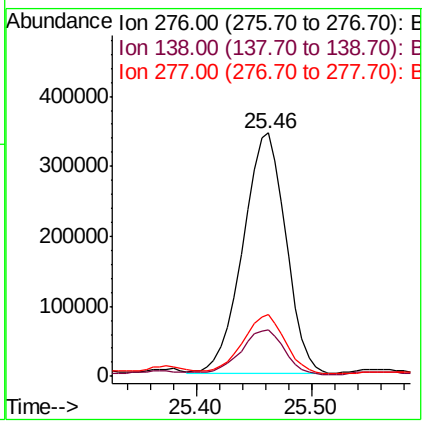


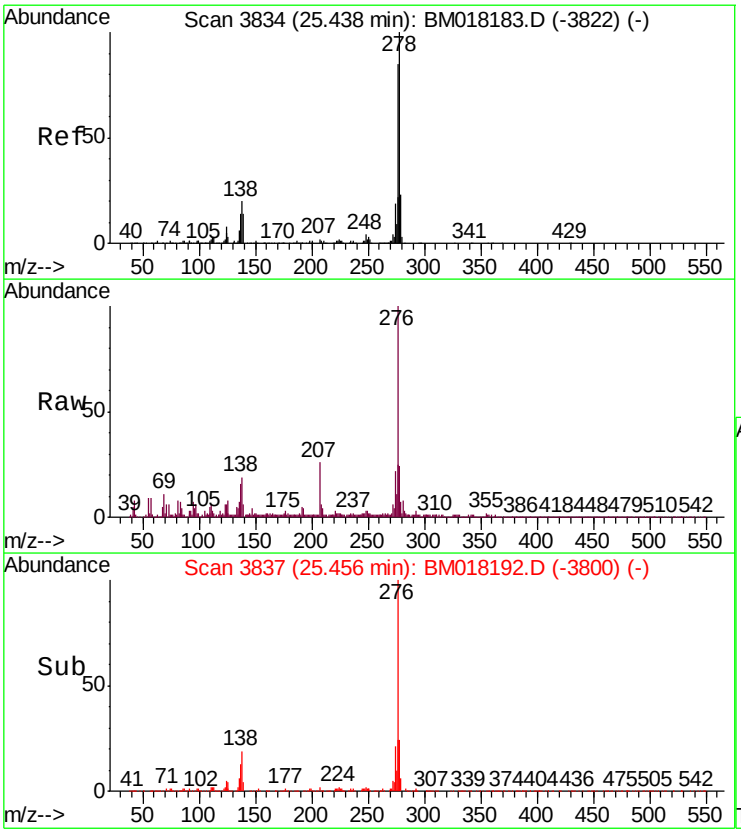
#91
Indeno(1,2,3-cd)pyrene
Concen: 20.324 ng/ul
RT: 25.46 min Scan# 3838
Delta R.T. 0.04 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Instrument :
BNA_M
ClientSampleId :
BE8B6

Tgt Ion:276 Resp: 886682

Ion	Ratio	Lower	Upper
276	100		
138	19.1	18.6	28.0
277	25.3	20.1	30.1

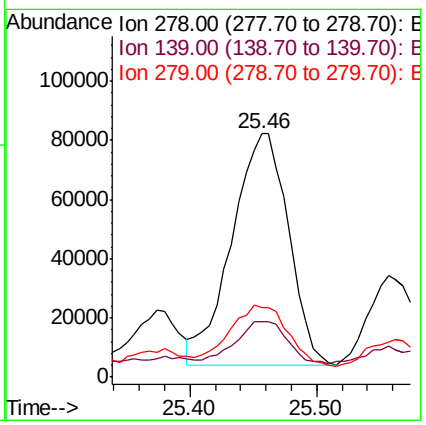


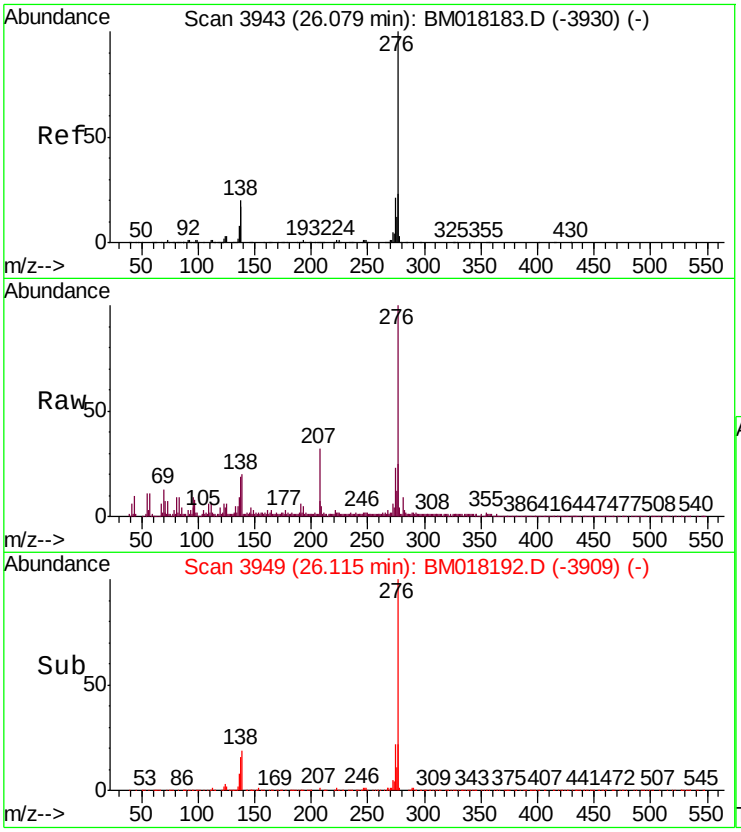


#92
Dibenzo(a,h)anthracene
Concen: 6.559 ng/ul
RT: 25.46 min Scan# 3837
Delta R.T. 0.02 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Tgt Ion:278 Resp: 243136

Ion	Ratio	Lower	Upper
278	100		
139	23.0	12.6	19.0#
279	28.4	19.6	29.4





#93
Benzo(g,h,i)perylene
Concen: 22.152 ng/ul
RT: 26.12 min Scan# 3949
Delta R.T. 0.04 min
Lab File: BM018192.D
Acq: 15 Dec 2018 06:24

Instrument :
BNA_M
ClientSampleId :
BE8B6

Tgt Ion:276 Resp: 805469

Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.4	23.2
277	24.8	19.0	28.4