Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014430.D
Acq On : 01 Mar 2018 08:43
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z7

Quant Time: Mar 01 11:31:50 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	160532	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	744120	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	446361	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	946351	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	889678	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	670079	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	11453	3.05	ng/uL	0.00
5) Phenol-d5	6.72	99	250509	18.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	158698	19.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	217522	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	208796	17.59	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	108644	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	119894	21.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	220029	18.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	223546	19.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	723883	19.64	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	945125	20.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	69180	13.59	ng/ul	0.03
57) Fluorene-d10	15.18	176	625364	18.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	7723	1.36	ng/ul	0.02
70) Anthracene-d10	17.04	188	950262	20.81	ng/ul	0.00
76) Pyrene-d10	19.35	212	1015010	22.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	662406	20.31	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.33	128	53260	1.394	ng/ul#	95
34) 2-Methylnaphthalene	11.96	142	33751	1.160	ng/ul	100
44) Dimethylphthalate	13.64	163	211908	5.830	ng/ul	97
47) Acenaphthylene	13.90	152	130799	3.045	ng/ul	94
49) Acenaphthene	14.24	153	159572	5.275	ng/ul	97
53) Dibenzofuran	14.58	168	337906	7.449	ng/ul#	86
58) Fluorene	15.23	166	504275	12.877	ng/ul	98
69) Phenanthrene	16.99	178	8110714	148.752	ng/ul	99
71) Anthracene	17.07	178	1622355	29.586	ng/ul	100
72) Carbazole	17.36	167	630740	13.679	ng/ul	97
74) Fluoranthene	19.02	202	9242031	141.873	ng/ul#	89
77) Pyrene	19.39	202	6774863	114.584	ng/ul#	89
80) Benzo(a)anthracene	21.14	228	2891666	52.079	ng/ul	99
82) Chrysene	21.20	228	2280805	44.033	ng/ul	96
85) Benzo(b)fluoranthene	22.70	252	2587905	57.679	ng/ul#	98
86) Benzo(k)fluoranthene	22.70	252	2587905	60.666	ng/ul#	97
88) Benzo(a)pyrene	23.25	252	1662469	41.465	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.51	276	973898	25.032	ng/ul	97
90) Dibenzo(a,h)anthracene	25.50	278	264230	8.173	ng/ul#	88
91) Benzo(g,h,i)perylene	26.17	276	843033	26.748	ng/ul#	95

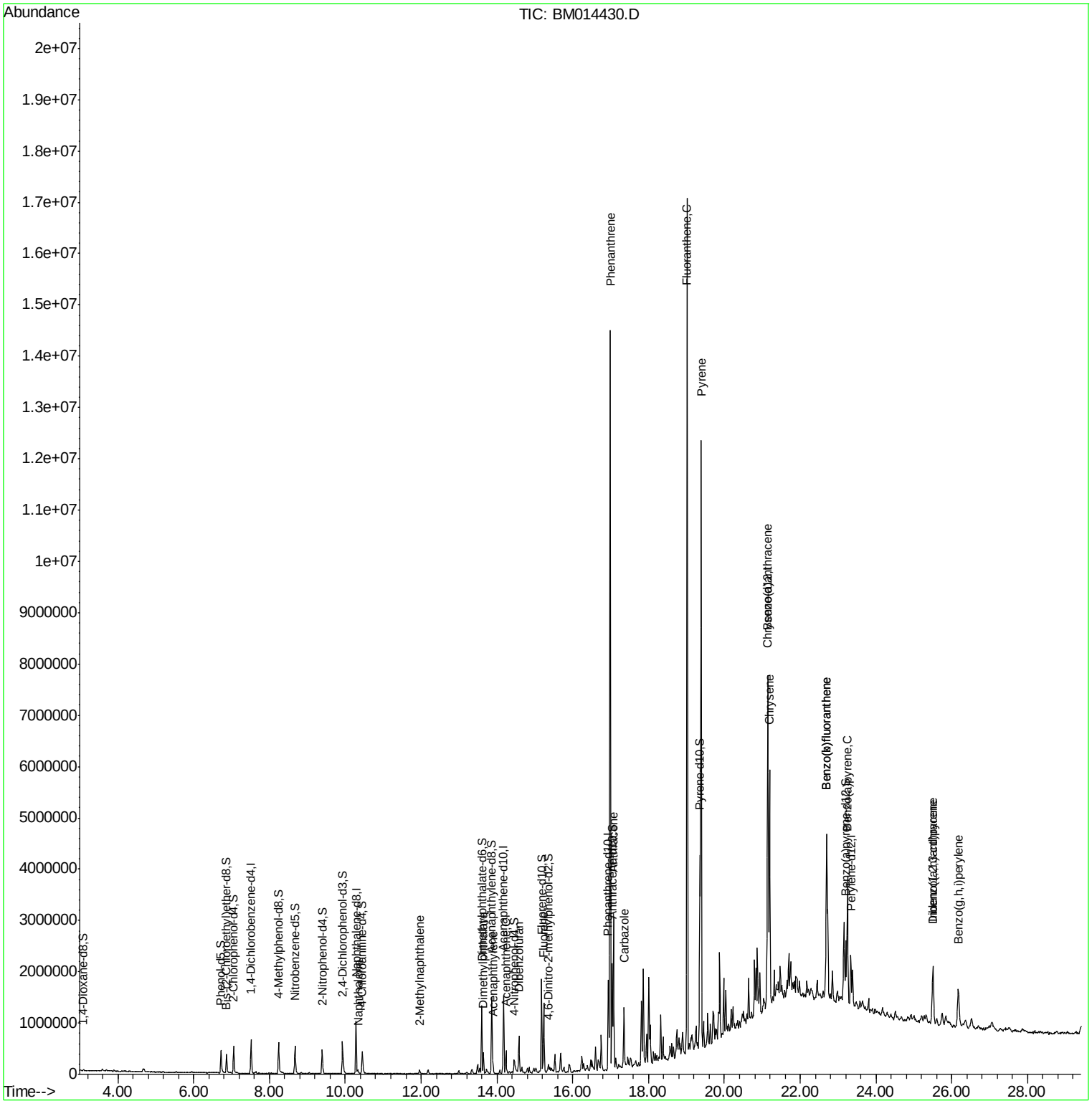
(#) = qualifier out of range (m) = manual integration (+) = signals summed

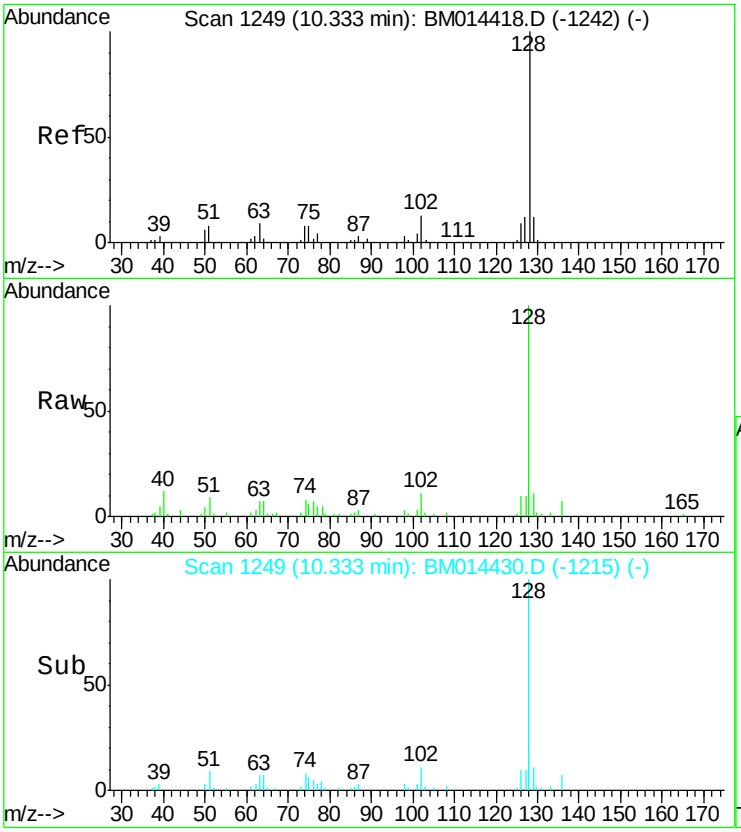
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014430.D
Acq On : 01 Mar 2018 08:43
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Quant Time: Mar 01 11:31:50 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration



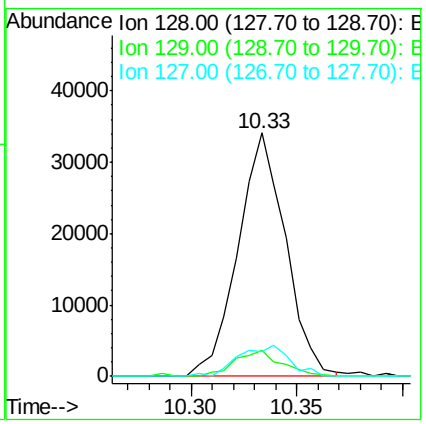


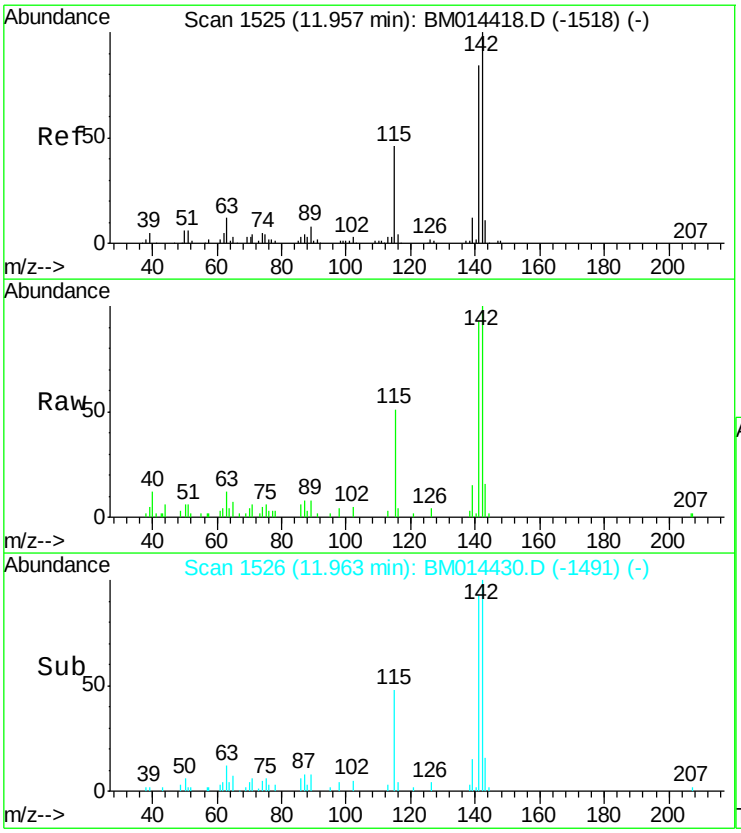
#28
Naphthalene
Concen: 1.394 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tgt Ion:128 Resp: 53260

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	9.9	10.6	16.0#

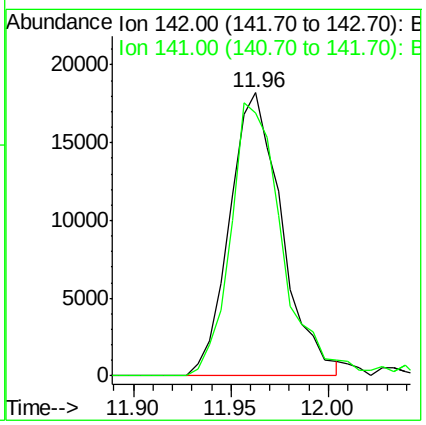


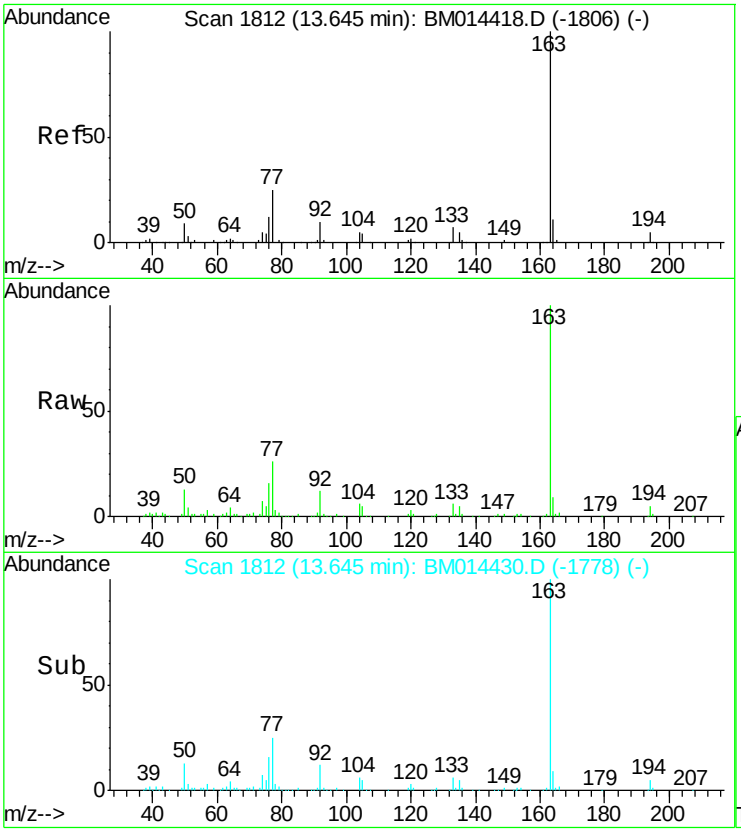


#34
2-Methylnaphthalene
Concen: 1.160 ng/ul
RT: 11.96 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion:142 Resp: 33751

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.1	111.1



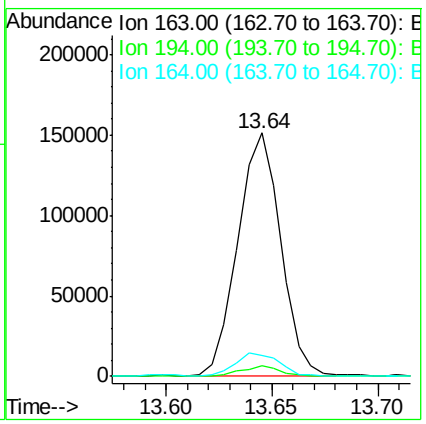


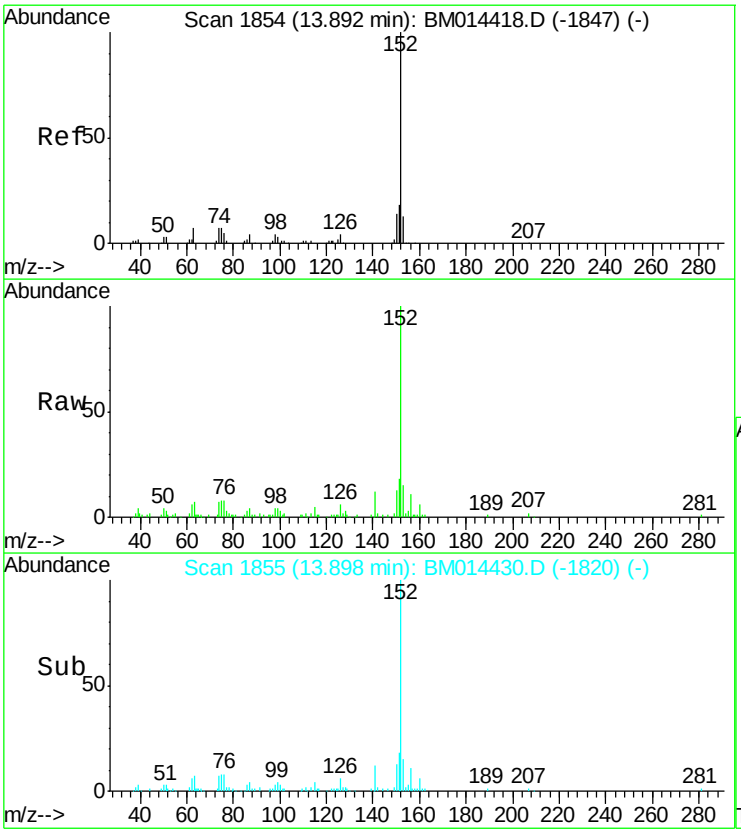
#44
Dimethylphthalate
Concen: 5.830 ng/ul
RT: 13.64 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tgt Ion:163 Resp: 211908

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	8.8	8.2	12.4

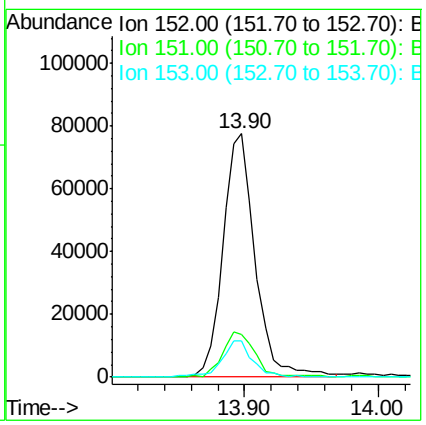


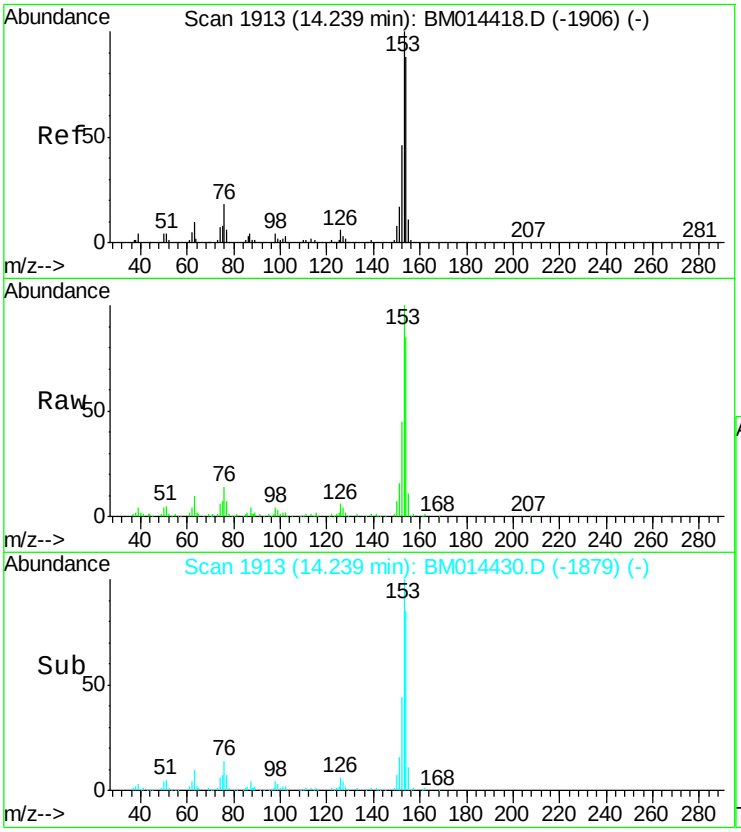


#47
Acenaphthylene
Concen: 3.045 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion:152 Resp: 130799

Ion	Ratio	Lower	Upper
152	100		
151	17.6	16.3	24.5
153	14.7	10.2	15.4



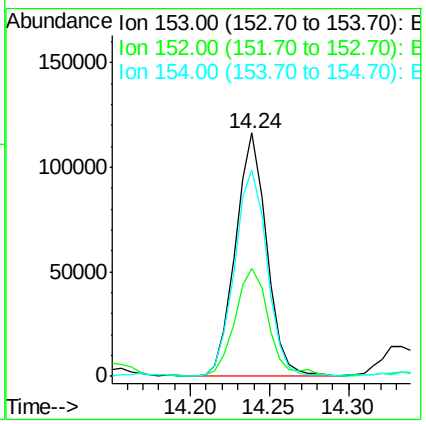


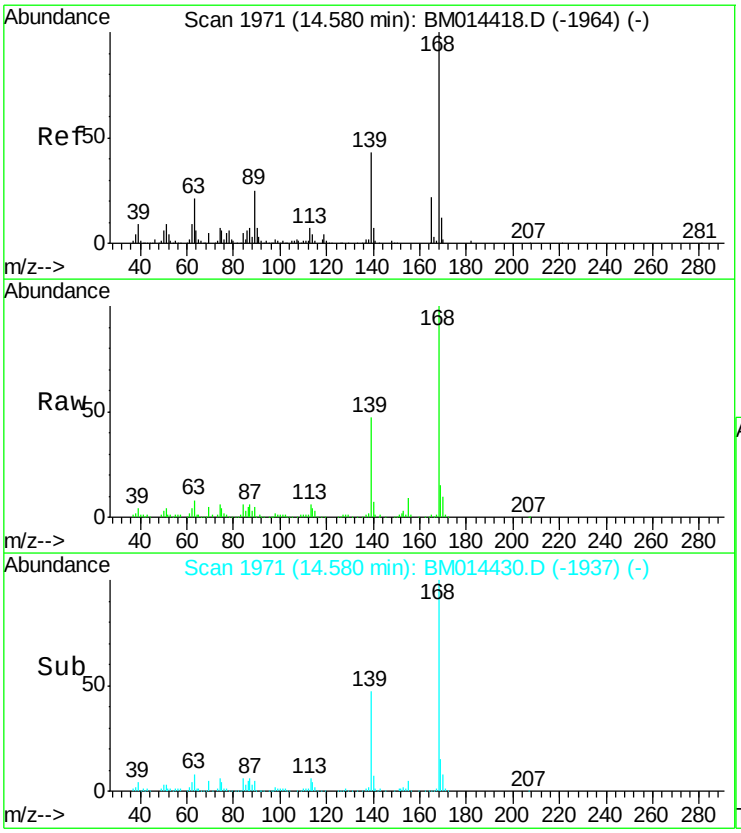
#49
Acenaphthene
Concen: 5.275 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tgt Ion:153 Resp: 159572

Ion	Ratio	Lower	Upper
153	100		
152	44.6	37.6	56.4
154	84.9	70.4	105.6

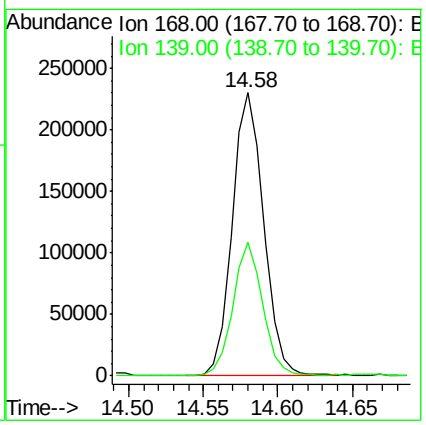


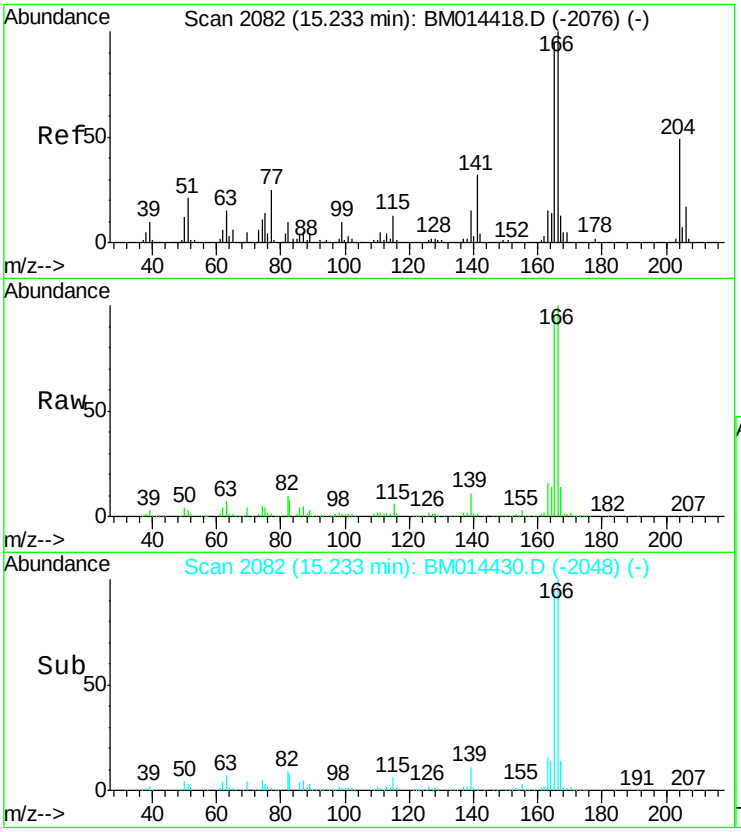


#53
Dibenzofuran
Concen: 7.449 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion:168 Resp: 337906

Ion	Ratio	Lower	Upper
168	100		
139	47.0	30.8	46.2#



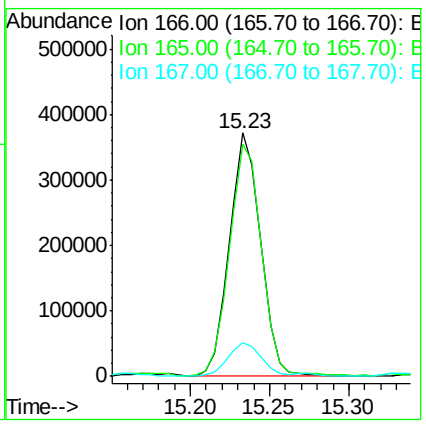


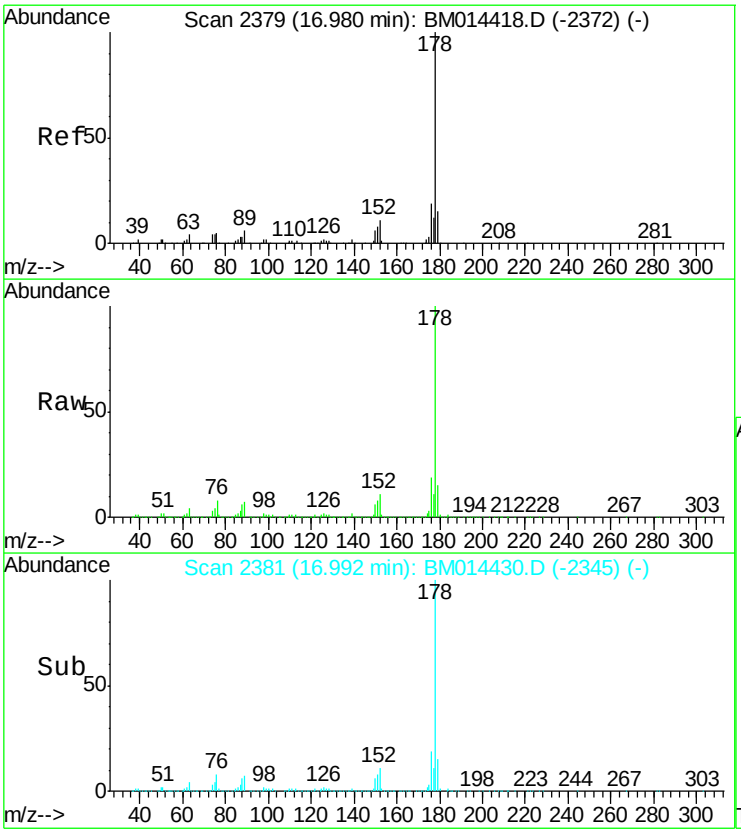
#58
Fluorene
Concen: 12.877 ng/ul
RT: 15.23 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tgt Ion:166 Resp: 504275

Ion	Ratio	Lower	Upper
166	100		
165	95.1	77.9	116.9
167	13.8	10.6	16.0

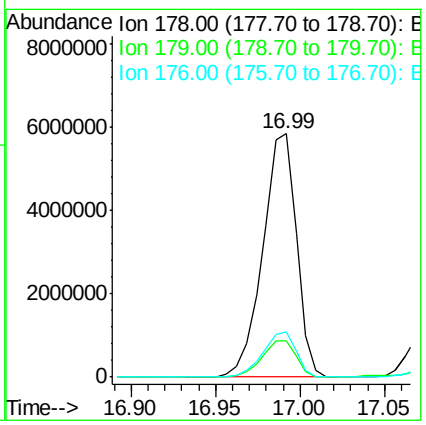


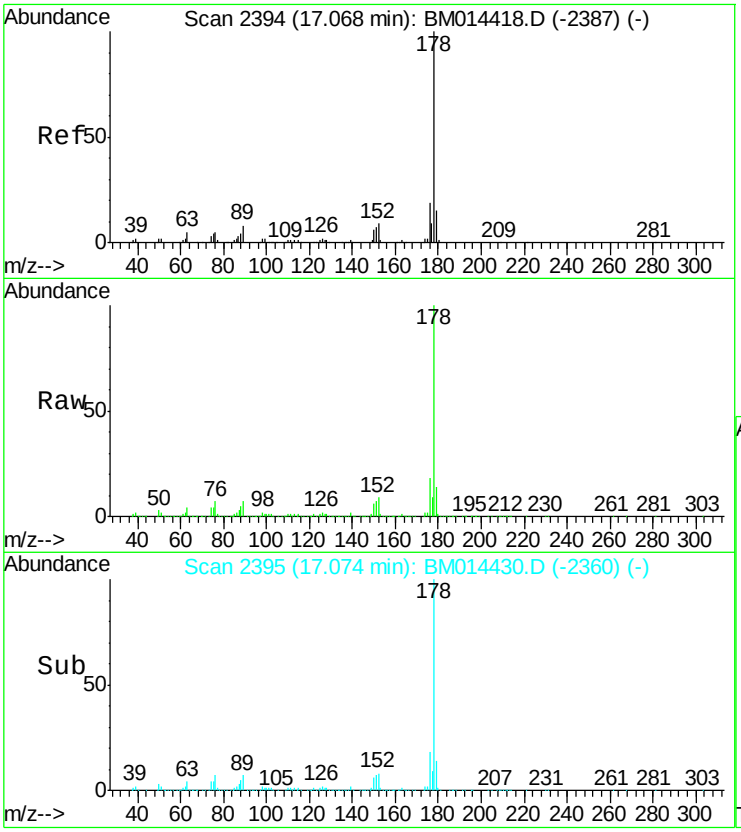


#69
Phenanthrene
Concen: 148.752 ng/ul
RT: 16.99 min Scan# 2381
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion:178 Resp: 8110714

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.7	14.9	22.3



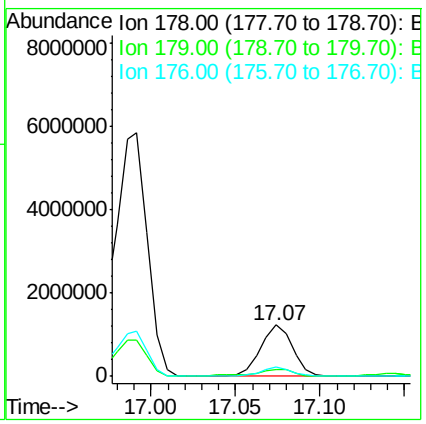


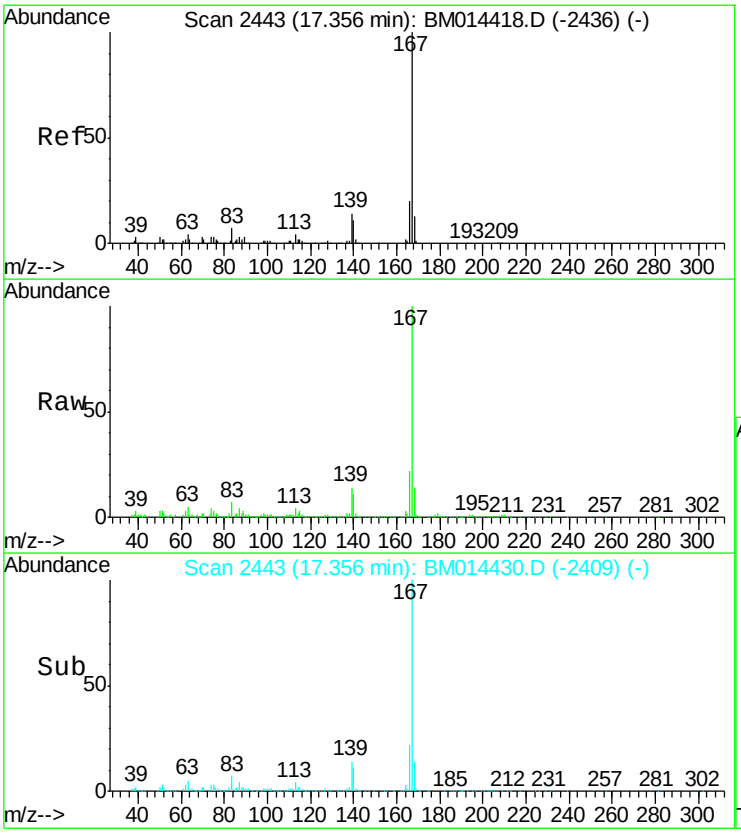
#71
Anthracene
Concen: 29.586 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tgt Ion:178 Resp: 1622355

Ion	Ratio	Lower	Upper
178	100		
179	14.5	11.7	17.5
176	18.0	14.6	21.8

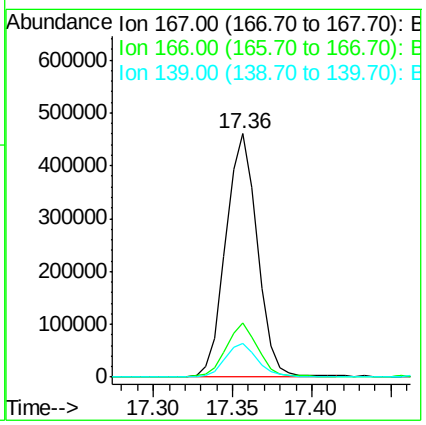


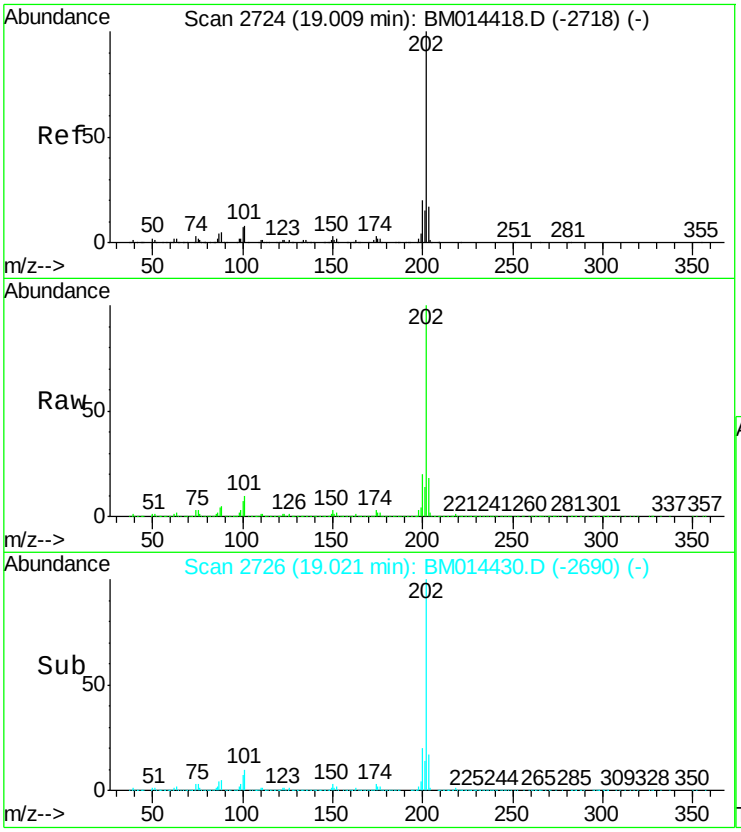


#72
Carbazole
Concen: 13.679 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion:167 Resp: 630740

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	14.1	10.0	15.0



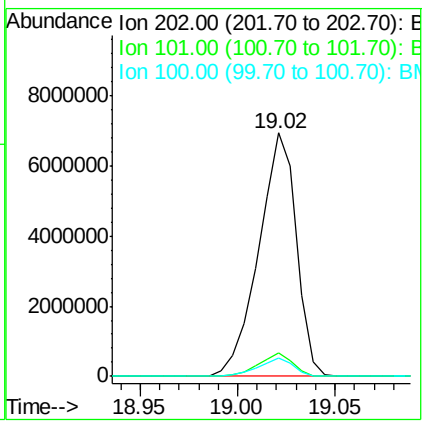


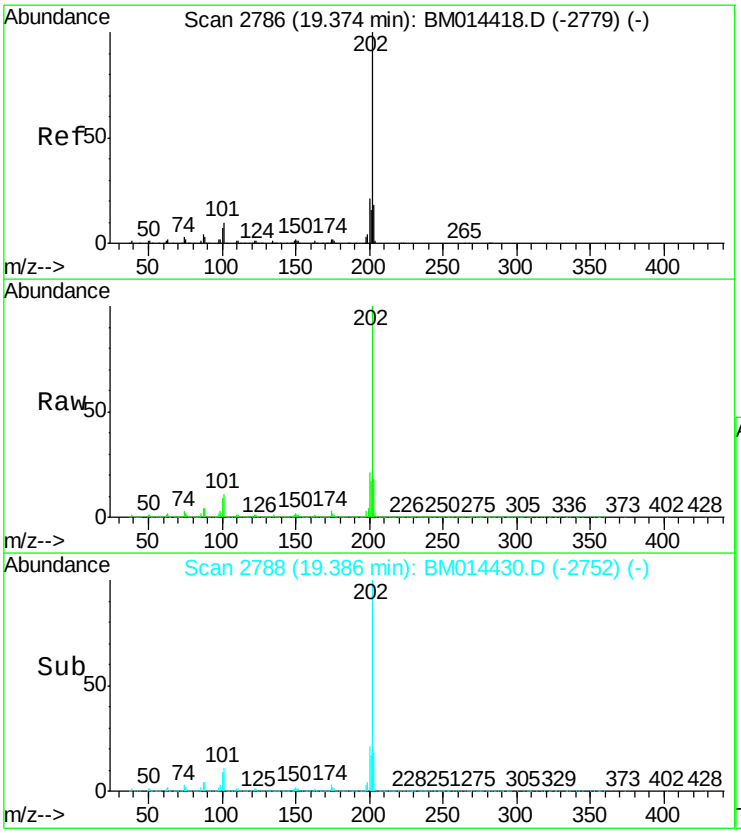
#74
Fluoranthene
Concen: 141.873 ng/ul
RT: 19.02 min Scan# 2726
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tgt Ion:202 Resp: 9242031

Ion	Ratio	Lower	Upper
202	100		
101	9.7	4.6	7.0#
100	7.3	3.4	5.2#

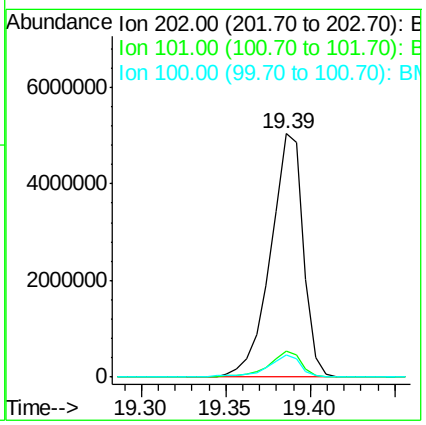


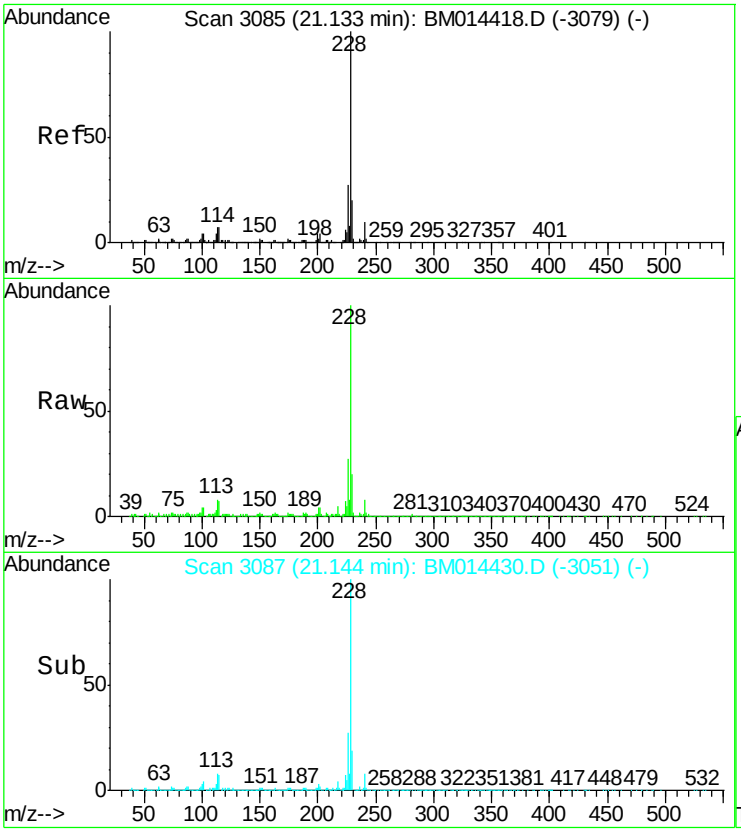


#77
Pyrene
Concen: 114.584 ng/ul
RT: 19.39 min Scan# 2788
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion:202 Resp: 6774863

Ion	Ratio	Lower	Upper
202	100		
101	10.6	5.1	7.7#
100	9.0	4.9	7.3#



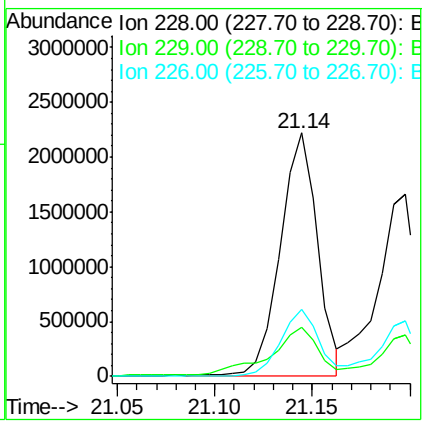


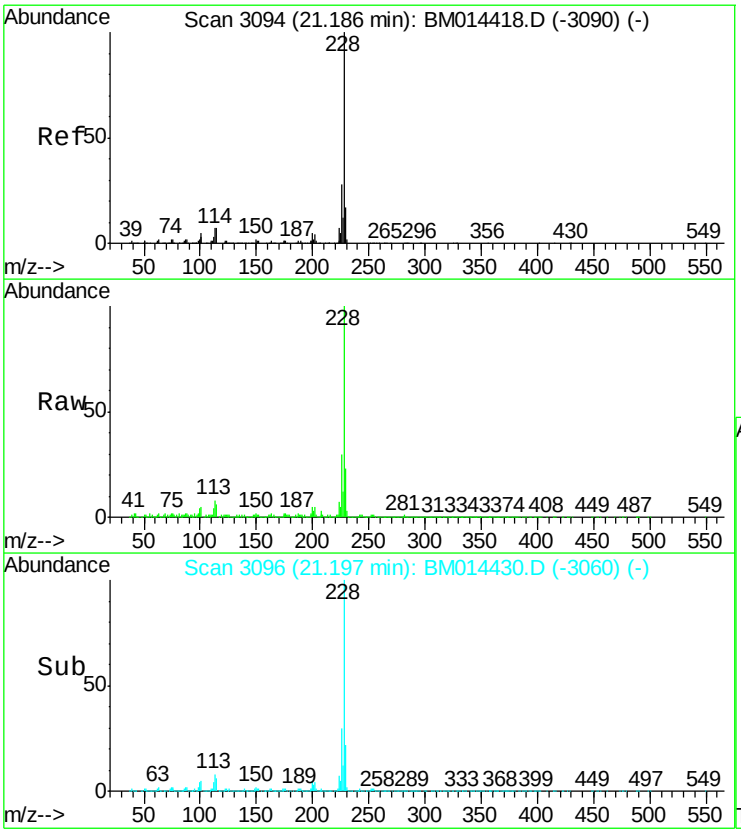
#80
Benzo(a)anthracene
Concen: 52.079 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tgt Ion:228 Resp: 2891666

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.4	23.0
226	27.3	21.4	32.0

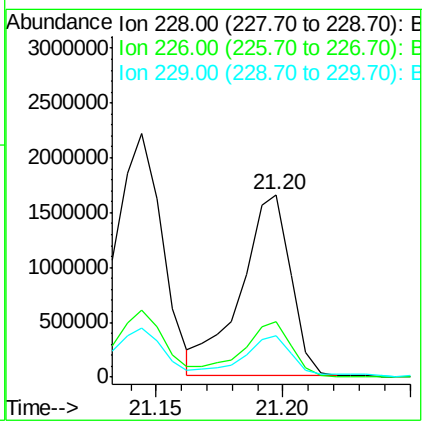


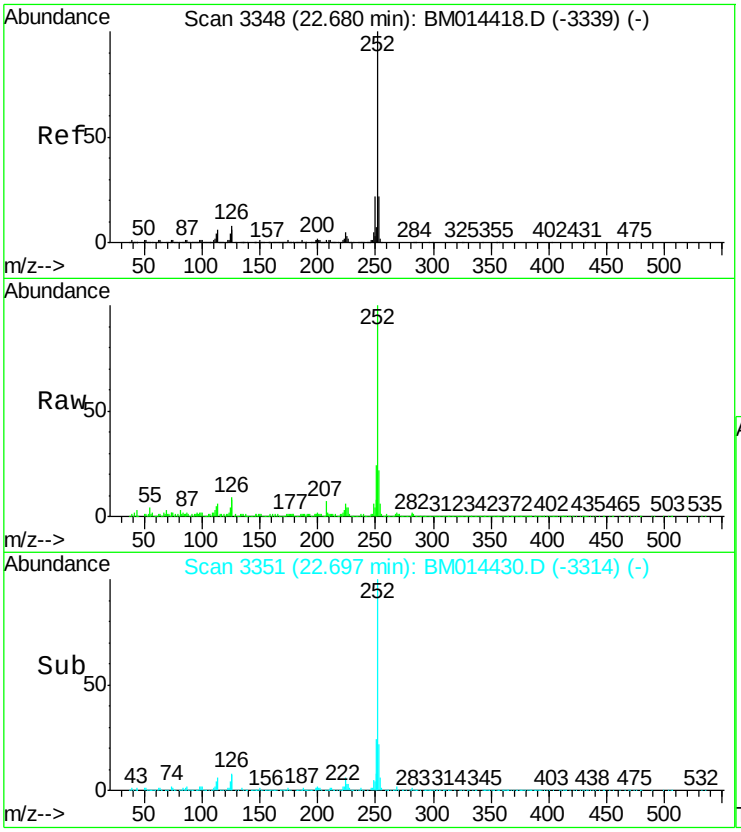


#82
Chrysene
Concen: 44.033 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion:228 Resp: 2280805

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	22.6	15.5	23.3



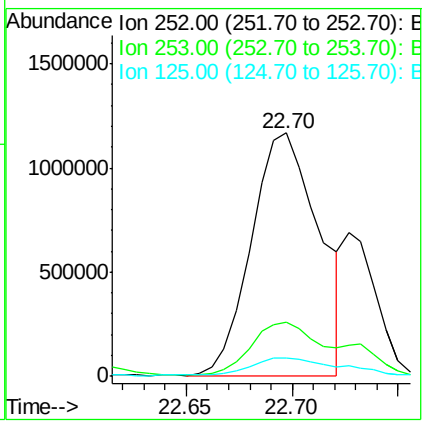


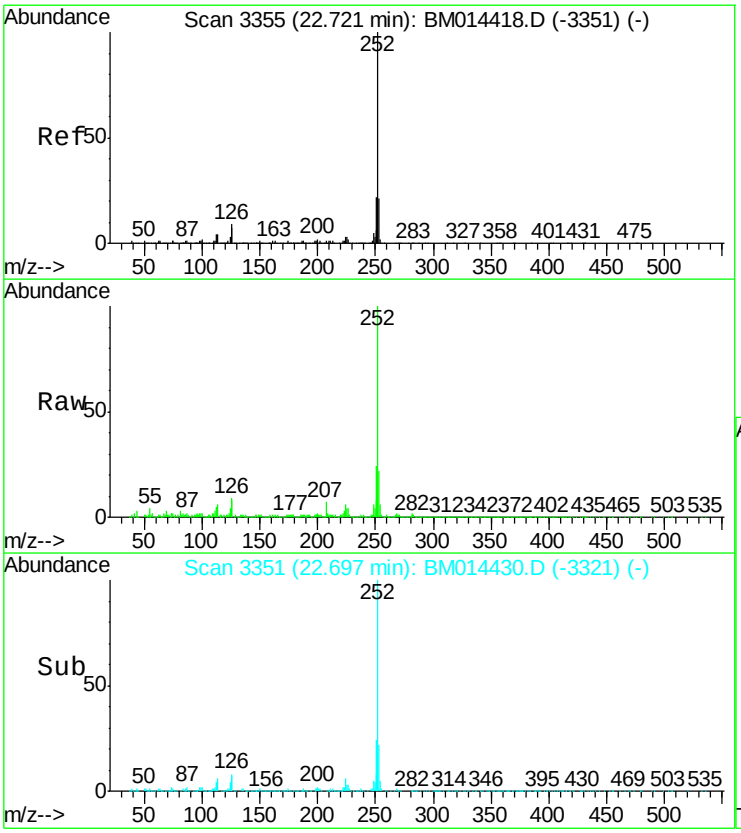
#85
Benzo(b)fluoranthene
Concen: 57.679 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. 0.02 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tgt Ion:252 Resp: 2587905

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	7.7	3.6	5.4#

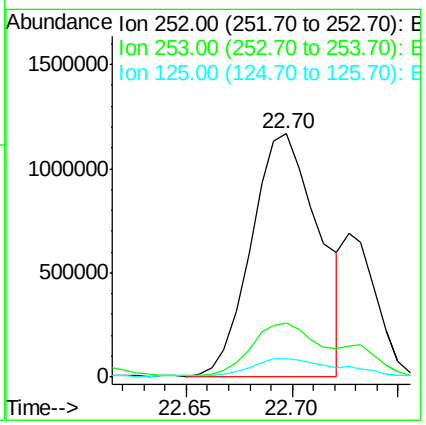


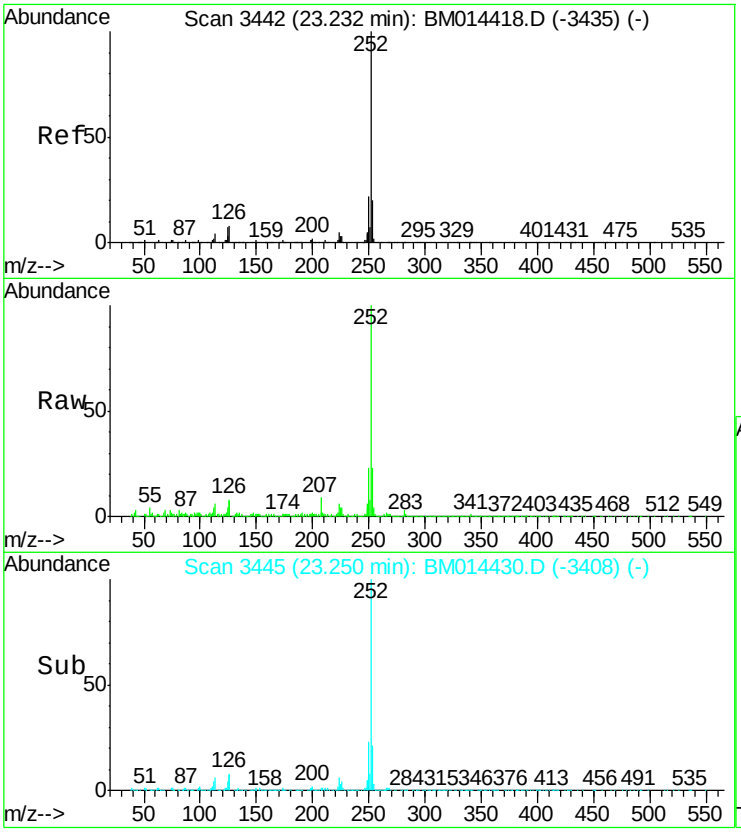


#86
Benzo(k)fluoranthene
Concen: 60.666 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion:252 Resp: 2587905

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	7.7	3.4	5.2#



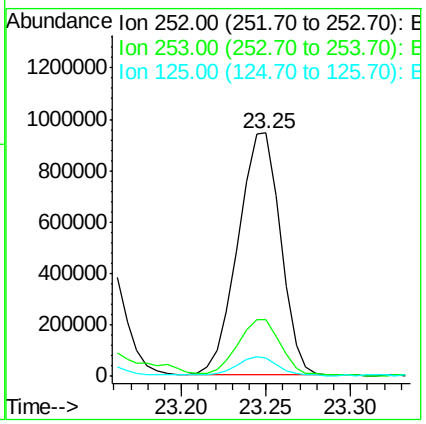


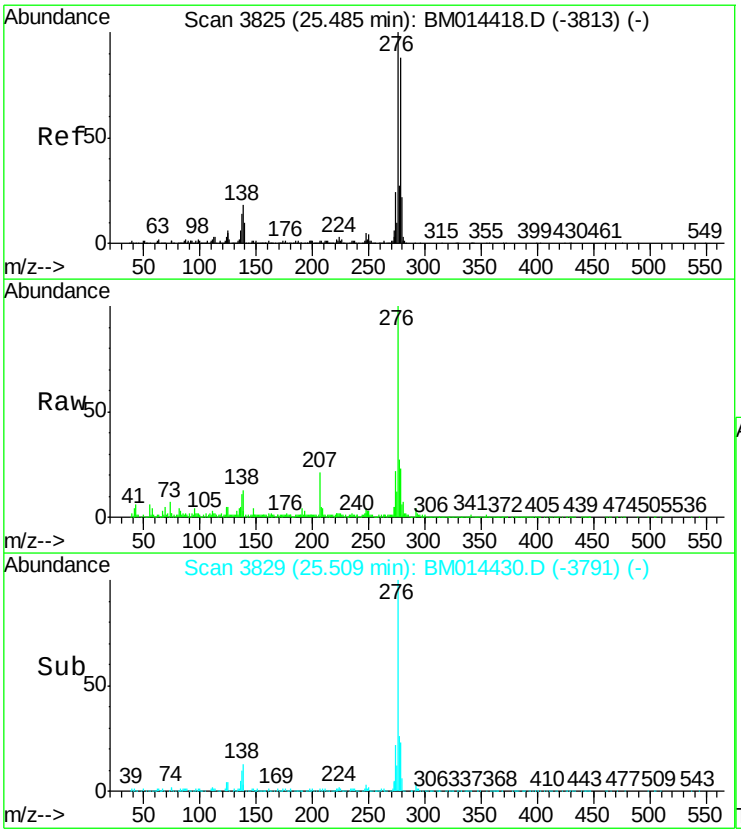
#88
Benzo(a)pyrene
Concen: 41.465 ng/ul
RT: 23.25 min Scan# 3445
Delta R.T. 0.02 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tgt Ion:252 Resp: 1662469

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	7.4	4.0	6.0#

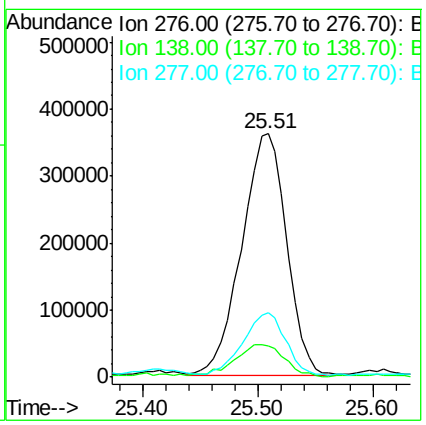


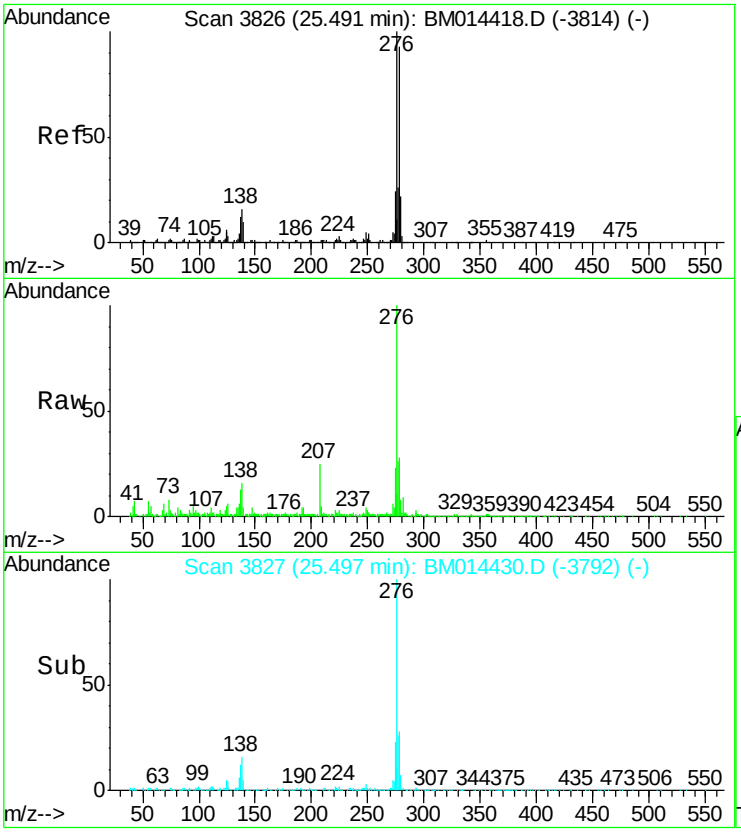


#89
Indeno(1,2,3-cd)pyrene
Concen: 25.032 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. 0.02 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion:276 Resp: 973898

Ion	Ratio	Lower	Upper
276	100		
138	13.0	9.3	13.9
277	26.6	19.9	29.9



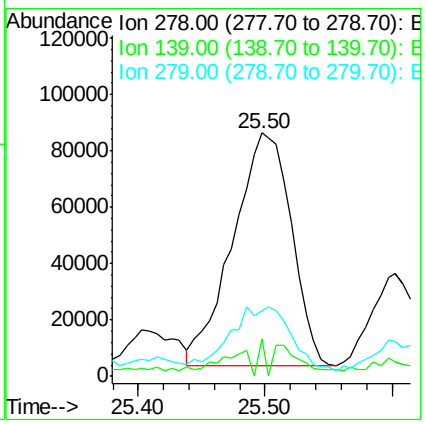


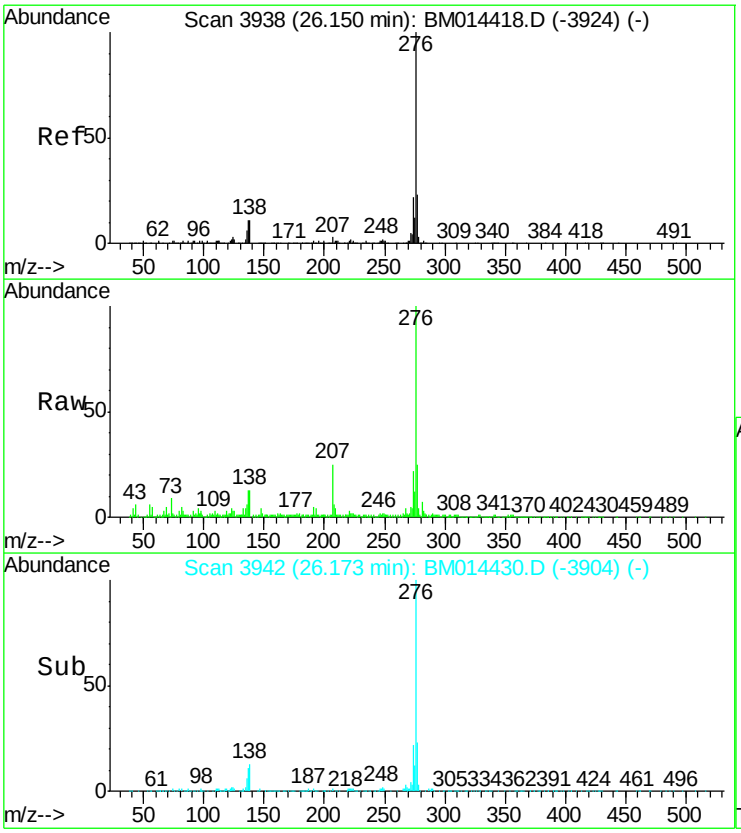
#90
Dibenzo(a,h)anthracene
Concen: 8.173 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.01 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tgt Ion:278 Resp: 264230

Ion	Ratio	Lower	Upper
278	100		
139	15.5	5.8	8.8#
279	27.2	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 26.748 ng/ul
RT: 26.17 min Scan# 3942
Delta R.T. 0.02 min
Lab File: BM014430.D
Acq: 01 Mar 2018 08:43

Tgt Ion:276 Resp: 843033

Ion	Ratio	Lower	Upper
276	100		
138	13.5	8.5	12.7#
277	24.8	18.6	28.0