Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014402.D
Acq On : 28 Feb 2018 14:00
Operator : SJ/JU
Sample : J1646-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y3

Quant Time: Feb 28 15:55:52 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 12:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	100863	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	433599	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	244412	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	512228	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	472684	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	455546	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	11141	4.73	ng/uL	0.00
5) Phenol-d5	6.72	99	226935	26.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	144159	27.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	192091	29.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	184973	24.80	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	95360	29.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	109405	32.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	192721	28.06	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	167206	24.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	621101	30.77	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	801283	32.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	51794	18.59	ng/ul	0.03
57) Fluorene-d10	15.18	176	525579	29.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	21890	7.12	ng/ul	0.01
70) Anthracene-d10	17.04	188	802475	32.47	ng/ul	0.00
76) Pyrene-d10	19.35	212	810256	33.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	697889	31.48	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.75	94	24318	2.718	ng/ul	93
28) Naphthalene	10.34	128	22772	1.023	ng/ul#	94
44) Dimethylphthalate	13.65	163	157515	7.914	ng/ul	97
47) Acenaphthylene	13.90	152	67632	2.875	ng/ul	97
49) Acenaphthene	14.24	153	19594	1.183	ng/ul	87
58) Fluorene	15.24	166	28677	1.337	ng/ul#	98
69) Phenanthrene	16.98	178	605613	20.521	ng/ul	99
71) Anthracene	17.07	178	161323	5.435	ng/ul	96
72) Carbazole	17.36	167	55243	2.214	ng/ul	99
74) Fluoranthene	19.01	202	1170010	33.183	ng/ul#	93
77) Pyrene	19.38	202	1122319	35.728	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	656394	22.250	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	20832	1.120	ng/ul	97
82) Chrysene	21.19	228	567611	20.625	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	767239	25.153	ng/ul#	97
86) Benzo(k)fluoranthene	22.69	252	767239	26.456	ng/ul#	95
88) Benzo(a)pyrene	23.24	252	532729	19.545	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.50	276	362200	13.694	ng/ul	97
90) Dibenzo(a,h)anthracene	25.50	278	101169	4.603	ng/ul#	69
91) Benzo(g,h,i)perylene	26.16	276	270807	12.639	ng/ul#	96

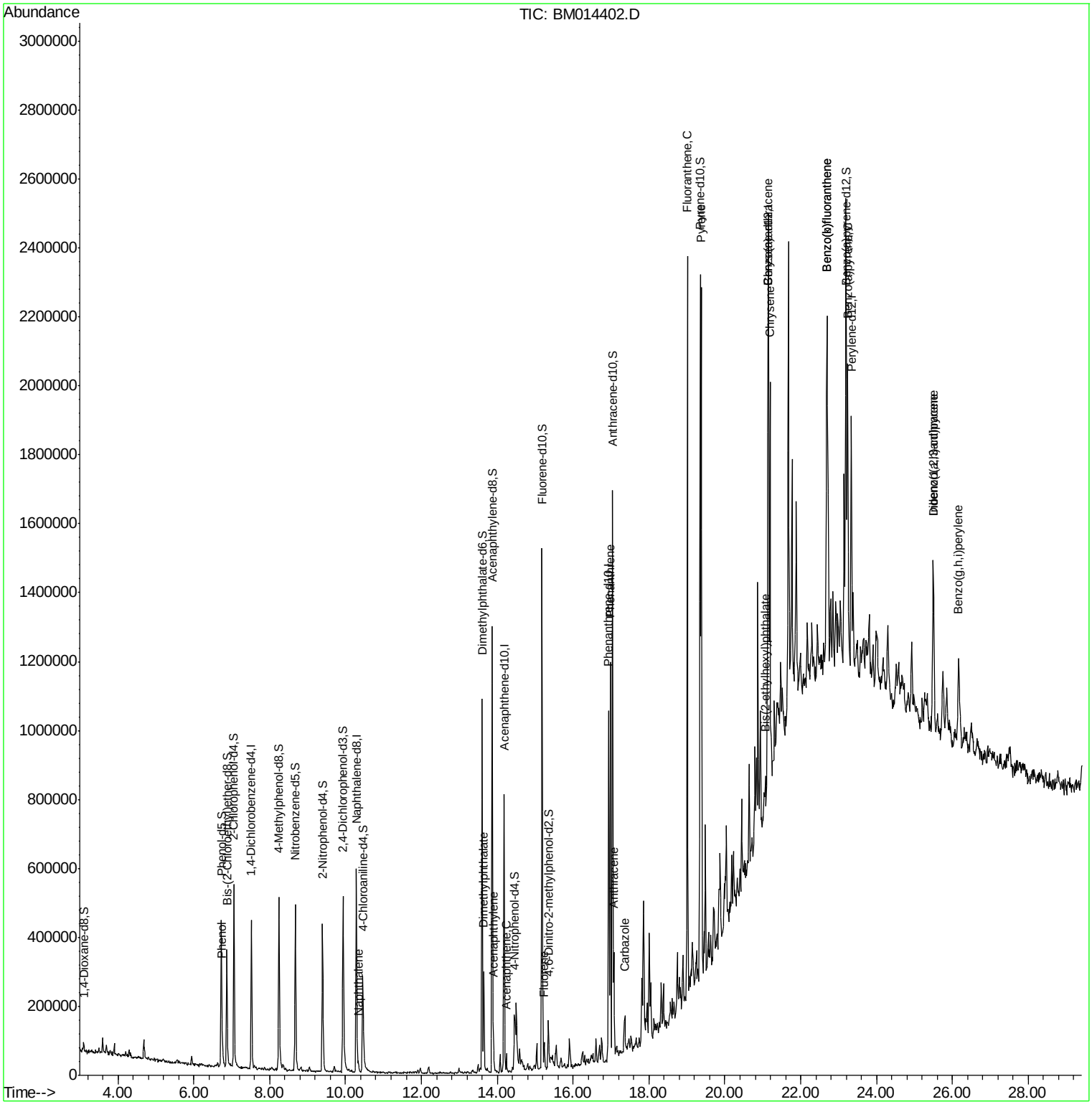
(#) = qualifier out of range (m) = manual integration (+) = signals summed

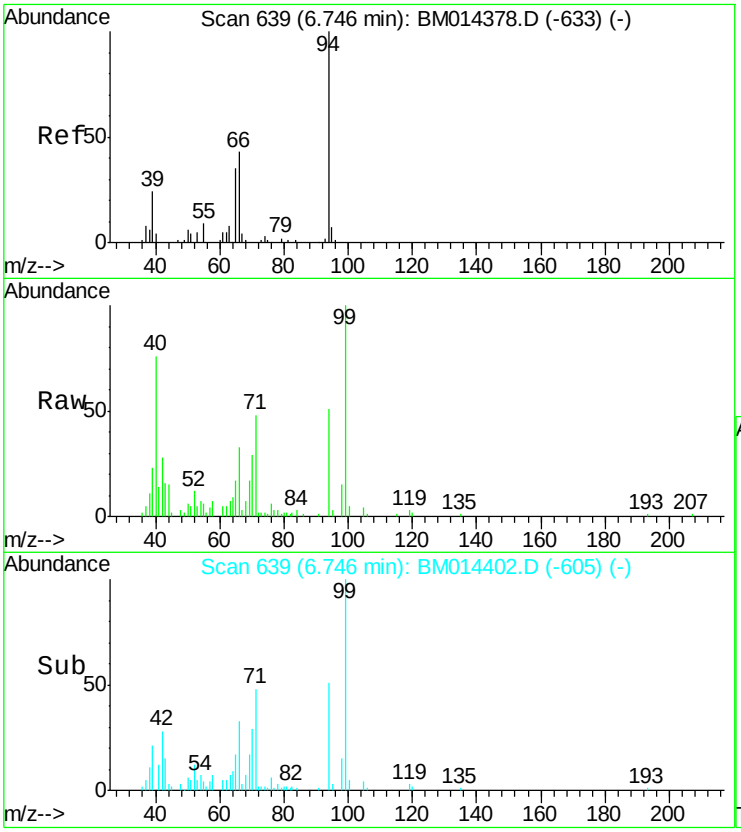
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014402.D
Acq On : 28 Feb 2018 14:00
Operator : SJ/JU
Sample : J1646-19
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y3

Quant Time: Feb 28 15:55:52 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 12:00:03 2018
Response via : Initial Calibration



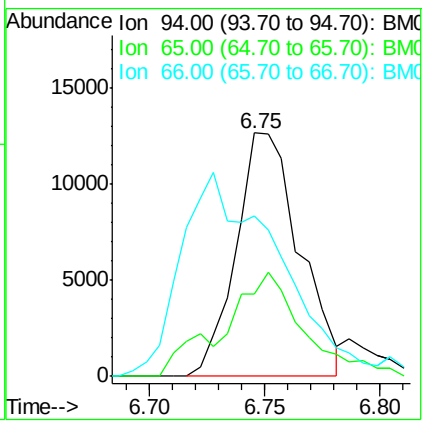


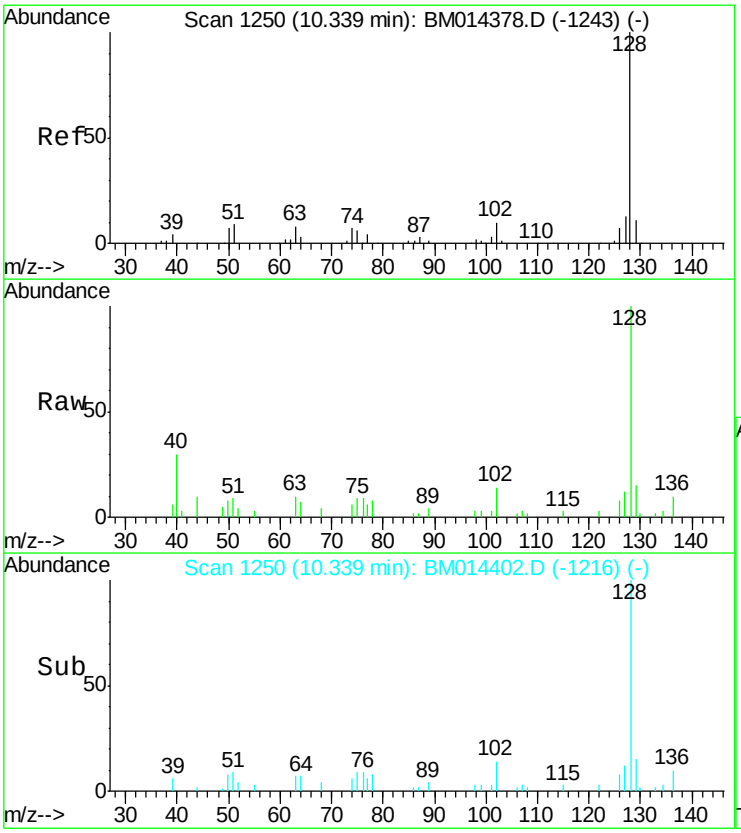
#6
Phenol
Concen: 2.718 ng/ul
RT: 6.75 min Scan# 639
Delta R.T. -0.00 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Instrument :
BNA_M
ClientSampleId :
BE5Y3

Tgt Ion: 94 Resp: 24318

Ion	Ratio	Lower	Upper
94	100		
65	34.0	28.2	42.4
66	65.9	47.2	70.8

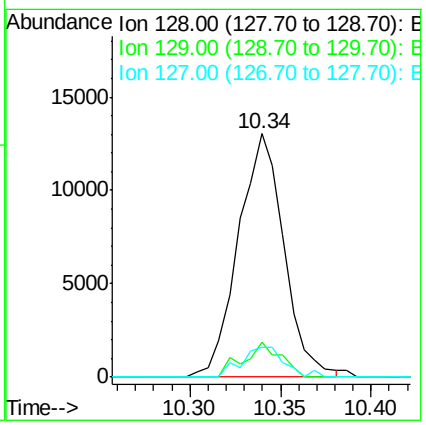


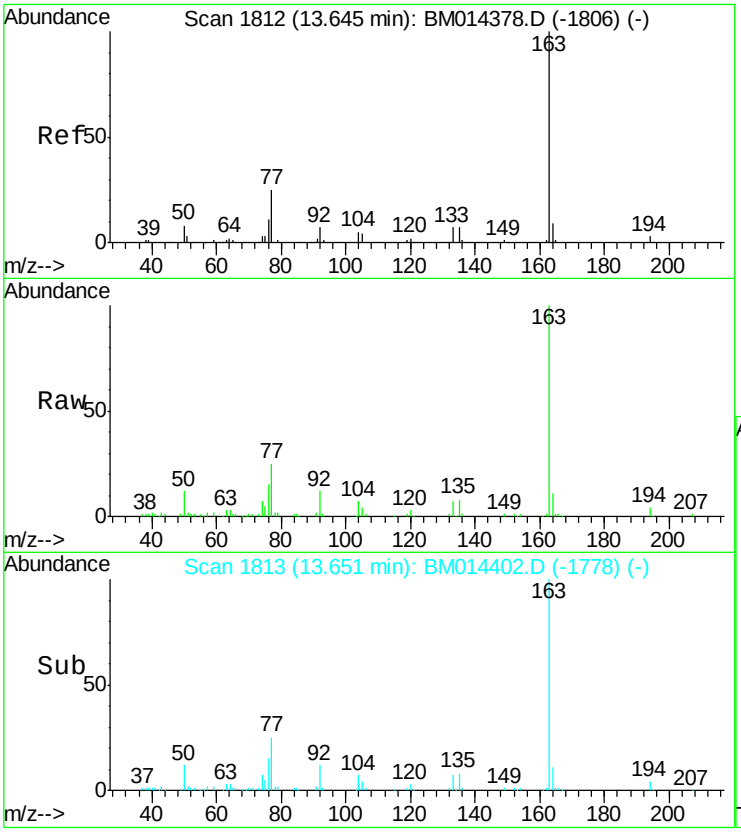


#28
Naphthalene
Concen: 1.023 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Tgt Ion:128 Resp: 22772

Ion	Ratio	Lower	Upper
128	100		
129	14.6	8.8	13.2#
127	12.2	10.6	16.0



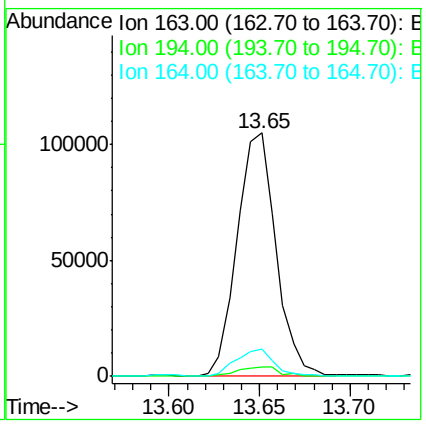


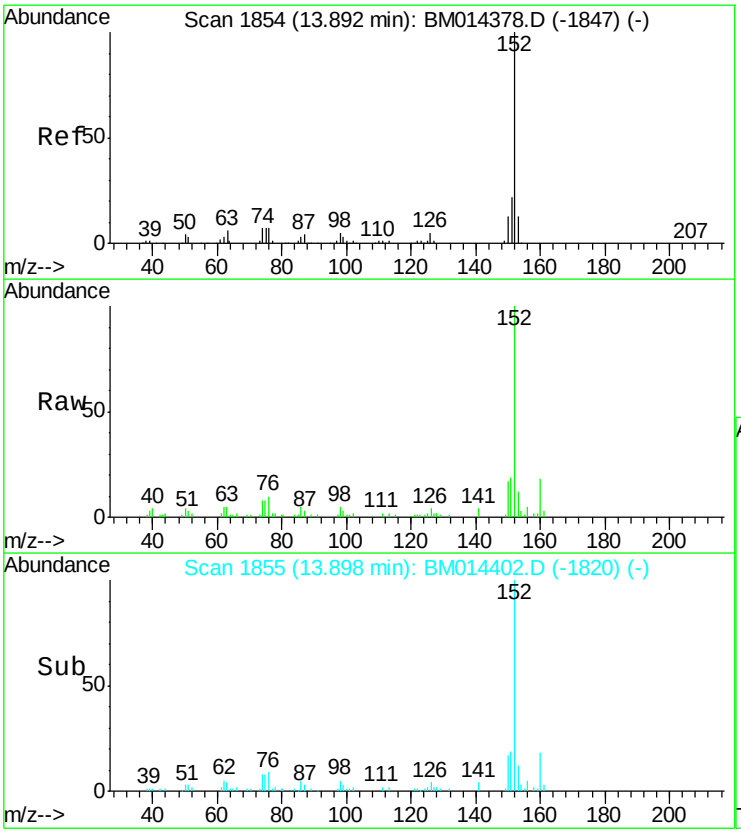
#44
Dimethylphthalate
Concen: 7.914 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Instrument :
BNA_M
ClientSampleId :
BE5Y3

Tgt Ion:163 Resp: 157515

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	11.3	8.2	12.4

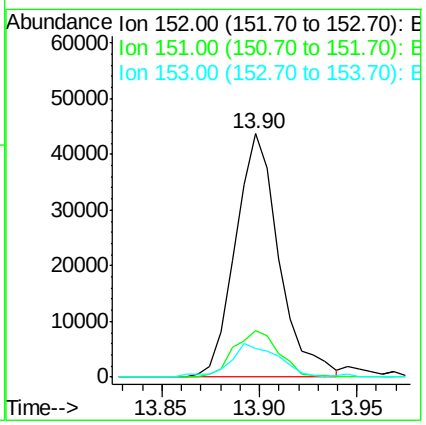


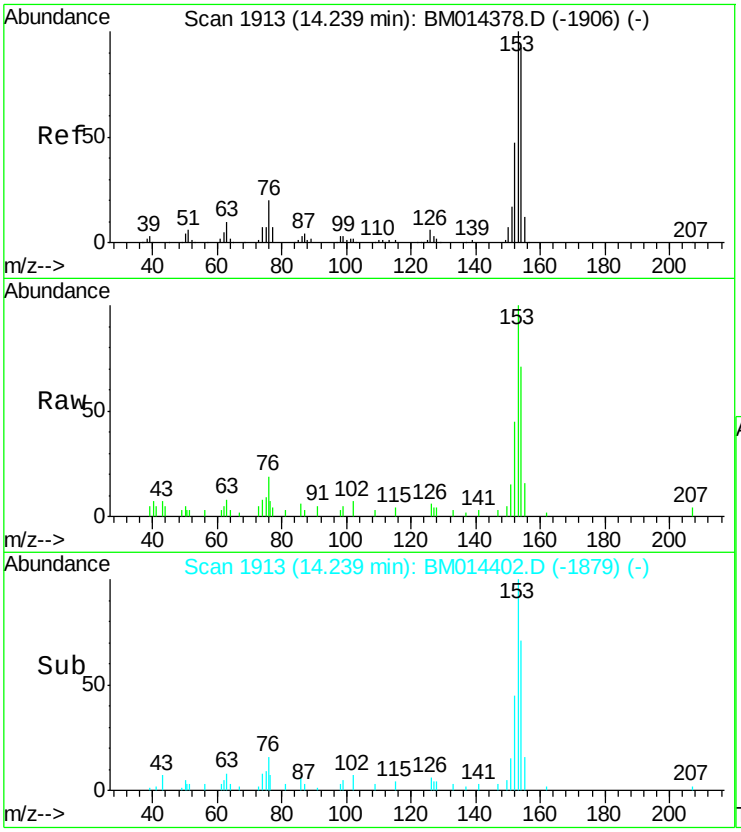


#47
Acenaphthylene
Concen: 2.875 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Tgt Ion:152 Resp: 67632

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.3	24.5
153	11.9	10.2	15.4



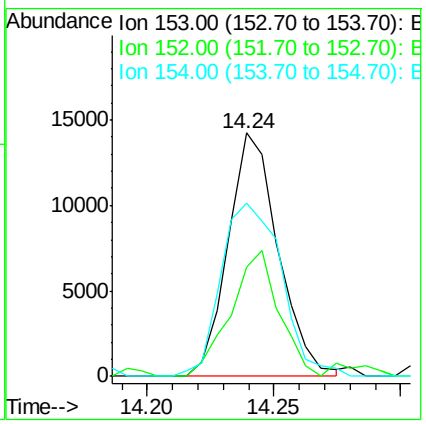


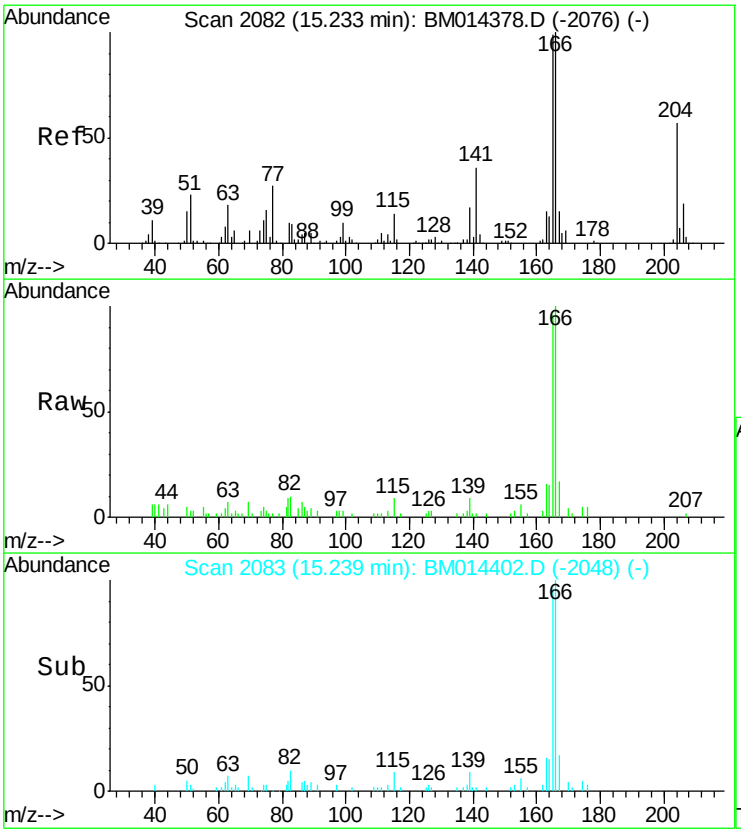
#49
Acenaphthene
Concen: 1.183 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. -0.00 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Instrument :
BNA_M
ClientSampleId :
BE5Y3

Tgt Ion:153 Resp: 19594

Ion	Ratio	Lower	Upper
153	100		
152	44.8	37.6	56.4
154	71.3	70.4	105.6

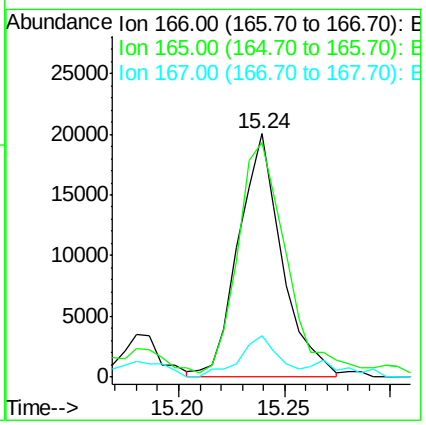


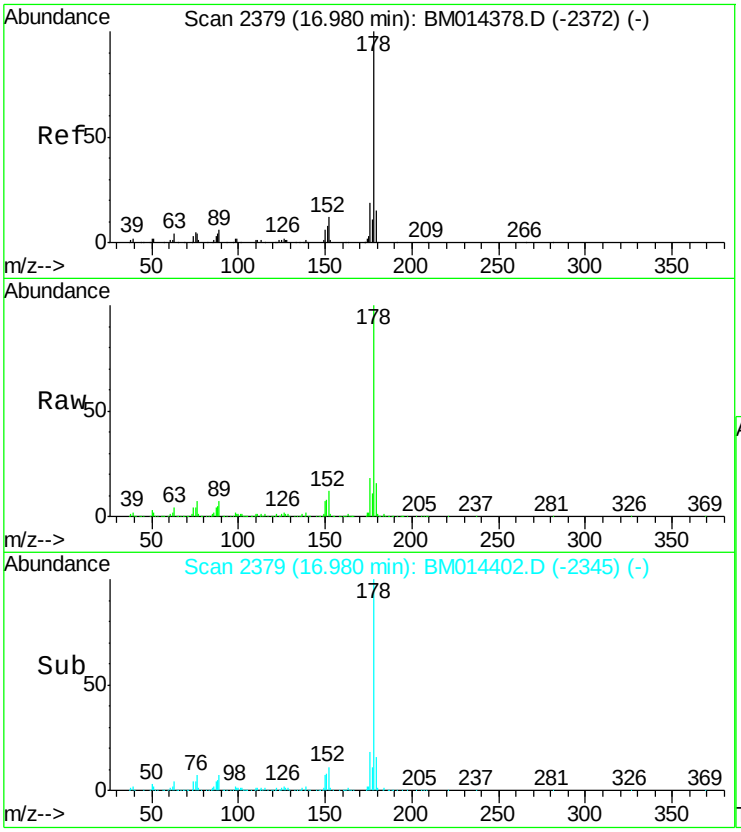


#58
Fluorene
Concen: 1.337 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Tgt Ion:166 Resp: 28677

Ion	Ratio	Lower	Upper
166	100		
165	96.2	77.9	116.9
167	17.0	10.6	16.0#



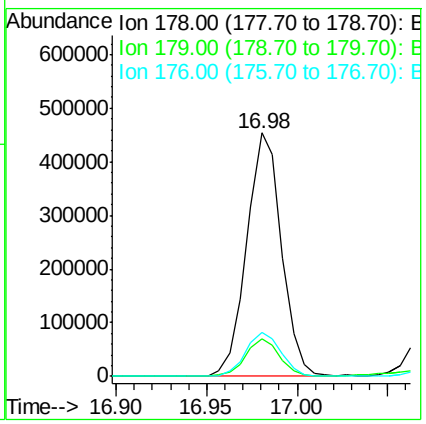


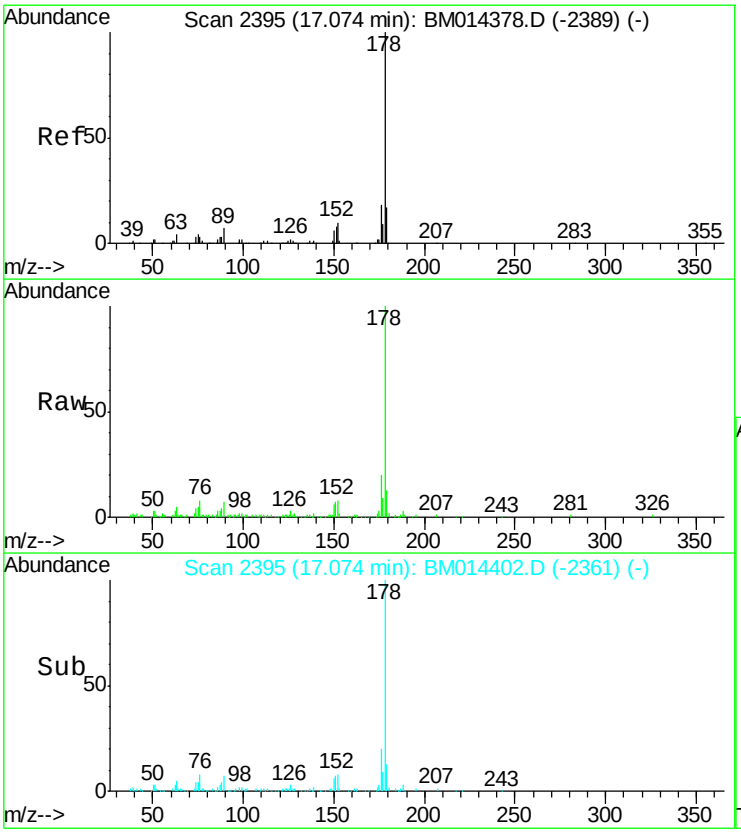
#69
Phenanthrene
Concen: 20.521 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Instrument :
BNA_M
ClientSampleId :
BE5Y3

Tgt Ion:178 Resp: 605613

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	17.8	14.9	22.3

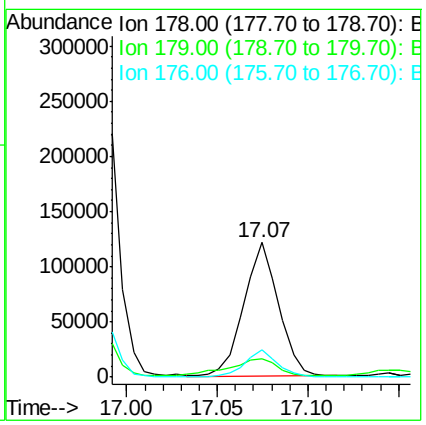


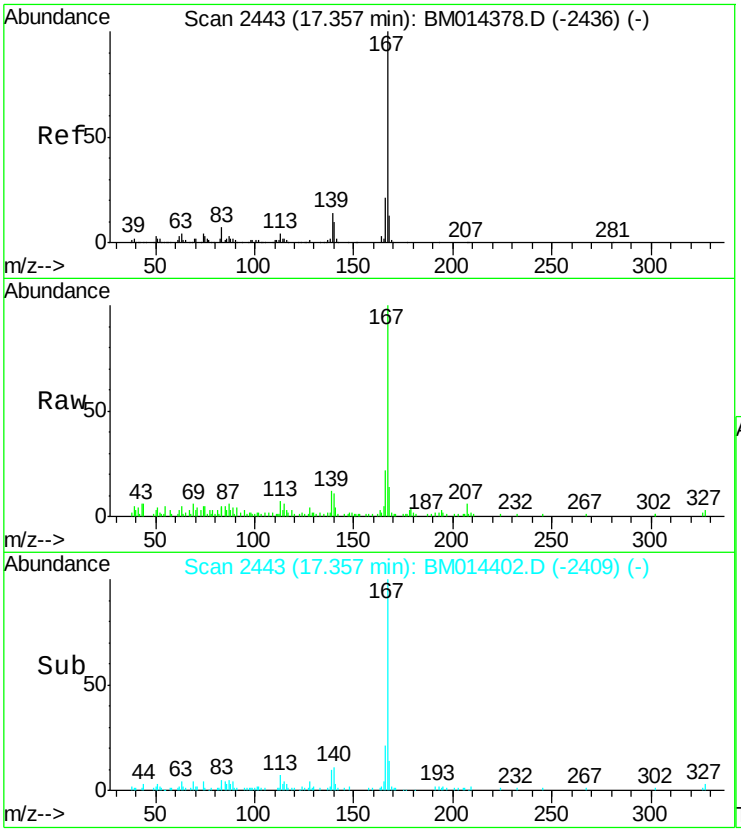


#71
Anthracene
Concen: 5.435 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Tgt Ion:178 Resp: 161323

Ion	Ratio	Lower	Upper
178	100		
179	13.2	11.7	17.5
176	20.5	14.6	21.8



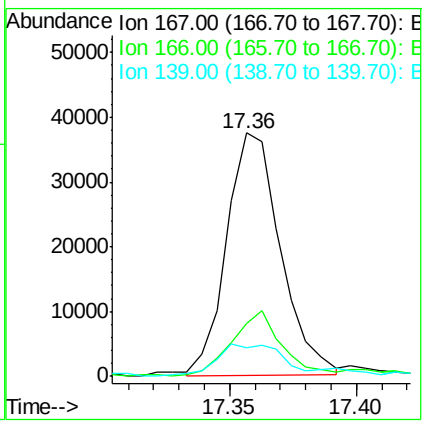


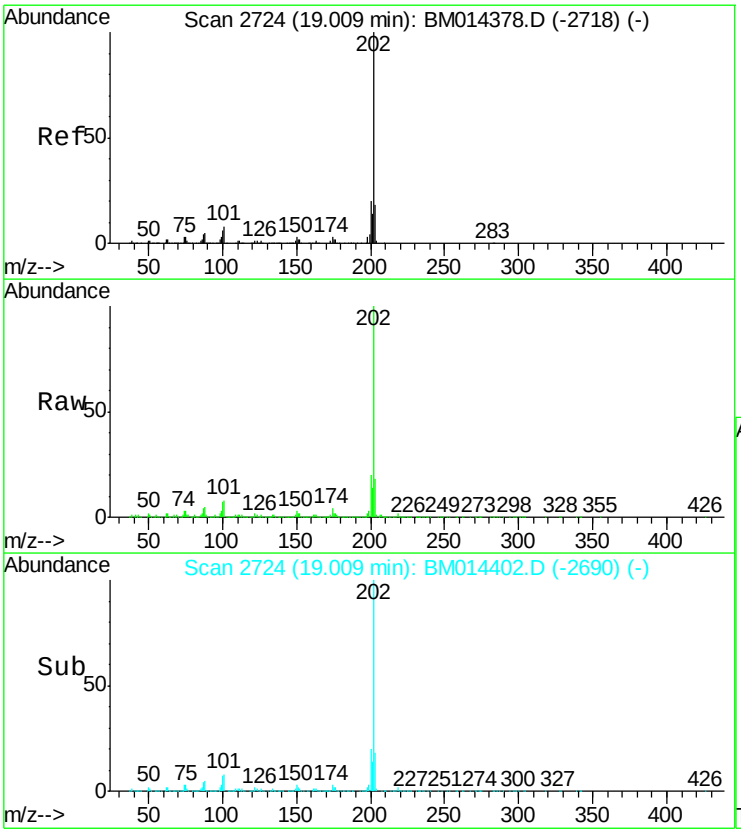
#72
Carbazole
Concen: 2.214 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Instrument :
BNA_M
ClientSampleId :
BE5Y3

Tgt Ion:167 Resp: 55243

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.1	25.7
139	11.6	10.0	15.0

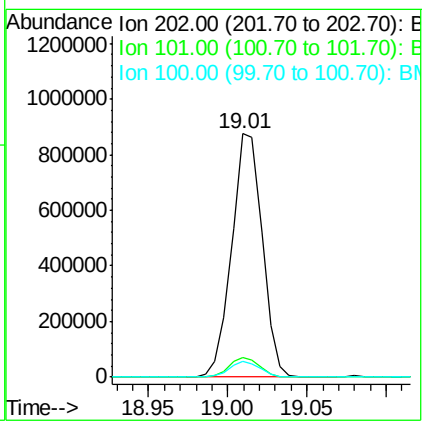


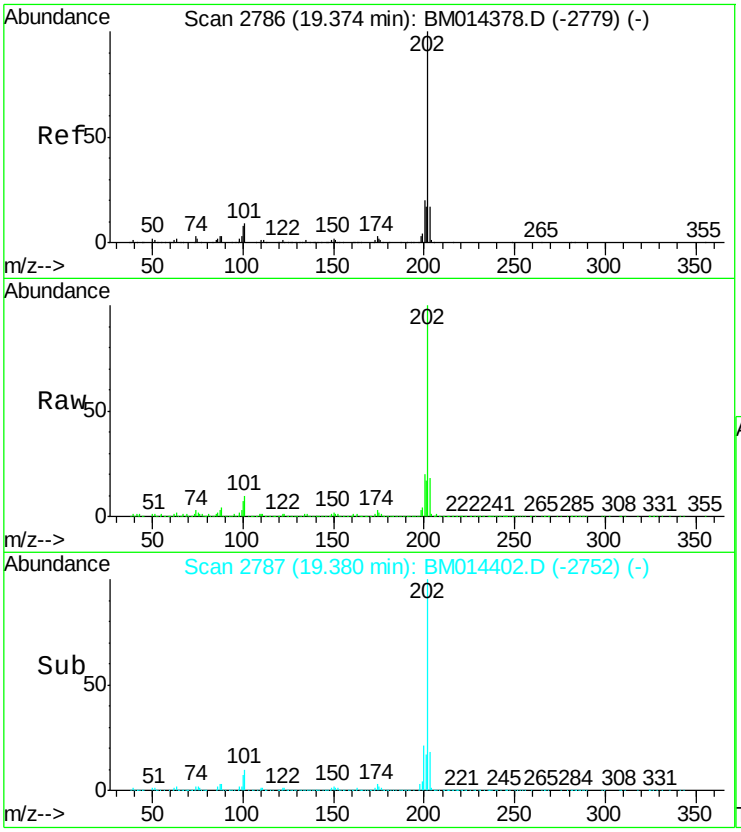


#74
Fluoranthene
Concen: 33.183 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. -0.00 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Tgt Ion:202 Resp: 1170010

Ion	Ratio	Lower	Upper
202	100		
101	8.3	4.6	7.0#
100	6.7	3.4	5.2#



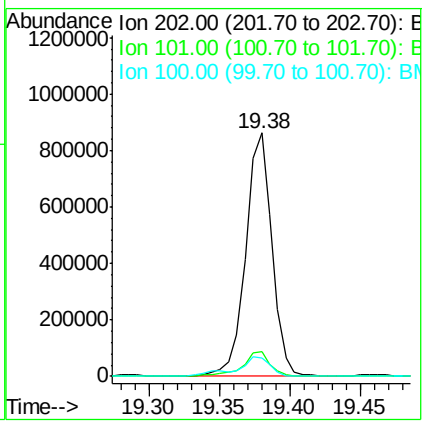


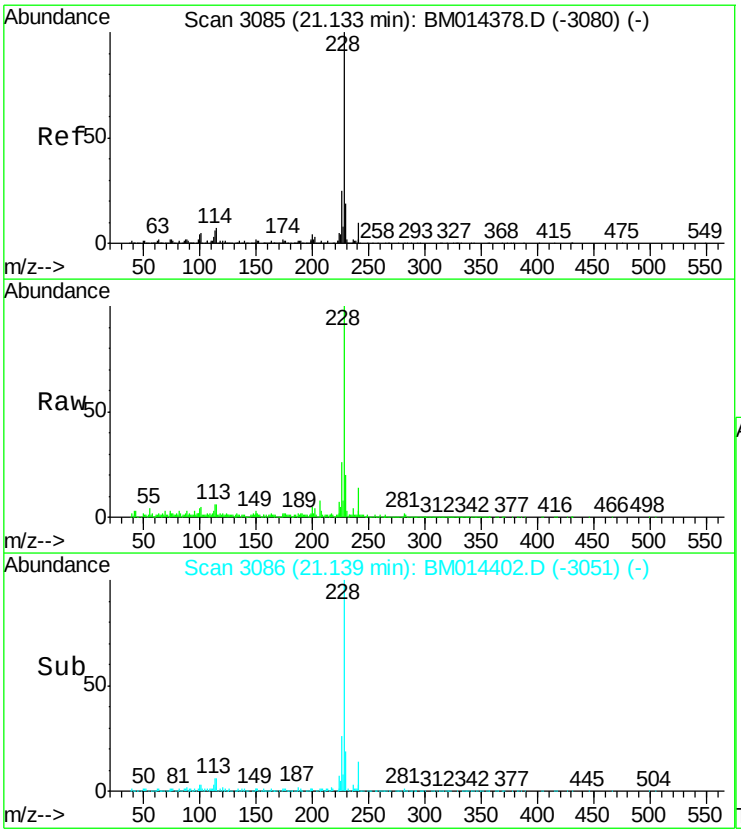
#77
Pyrene
Concen: 35.728 ng/ul
RT: 19.38 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Instrument :
BNA_M
ClientSampleId :
BE5Y3

Tgt Ion:202 Resp: 1122319

Ion	Ratio	Lower	Upper
202	100		
101	9.9	5.1	7.7#
100	7.4	4.9	7.3#

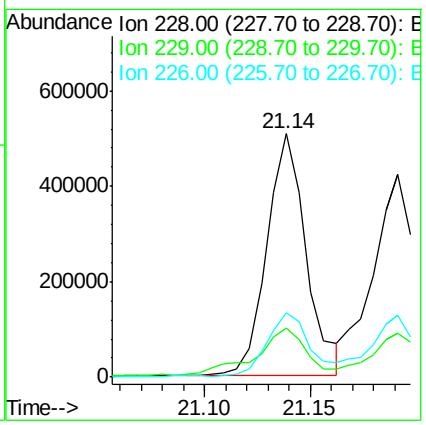


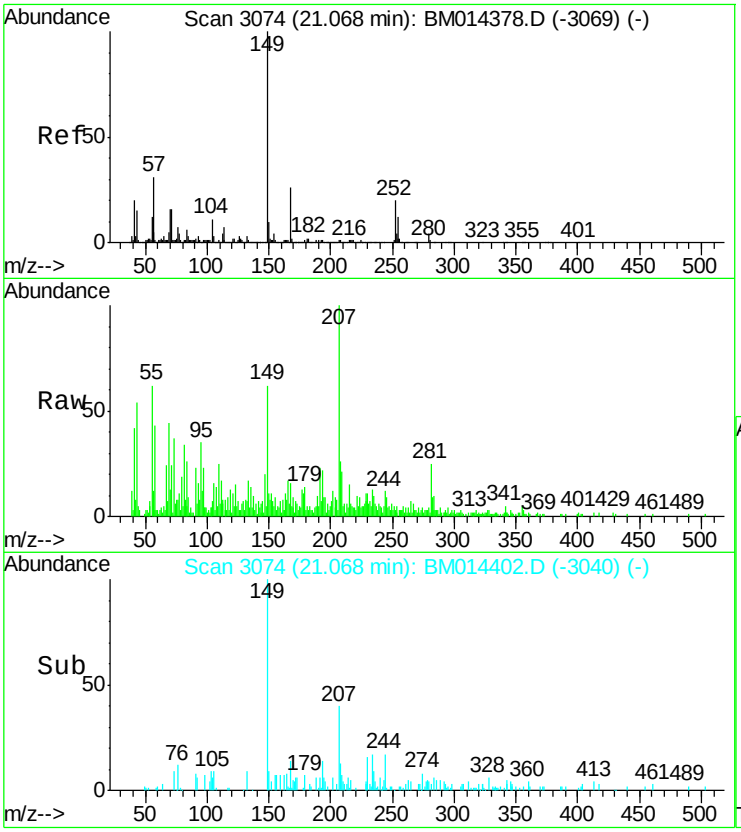


#80
Benzo(a)anthracene
Concen: 22.250 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Tgt Ion:228 Resp: 656394

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	26.4	21.4	32.0



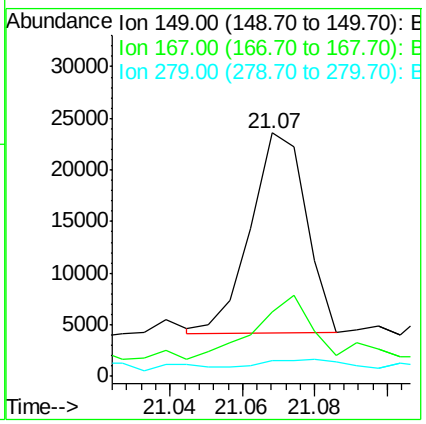


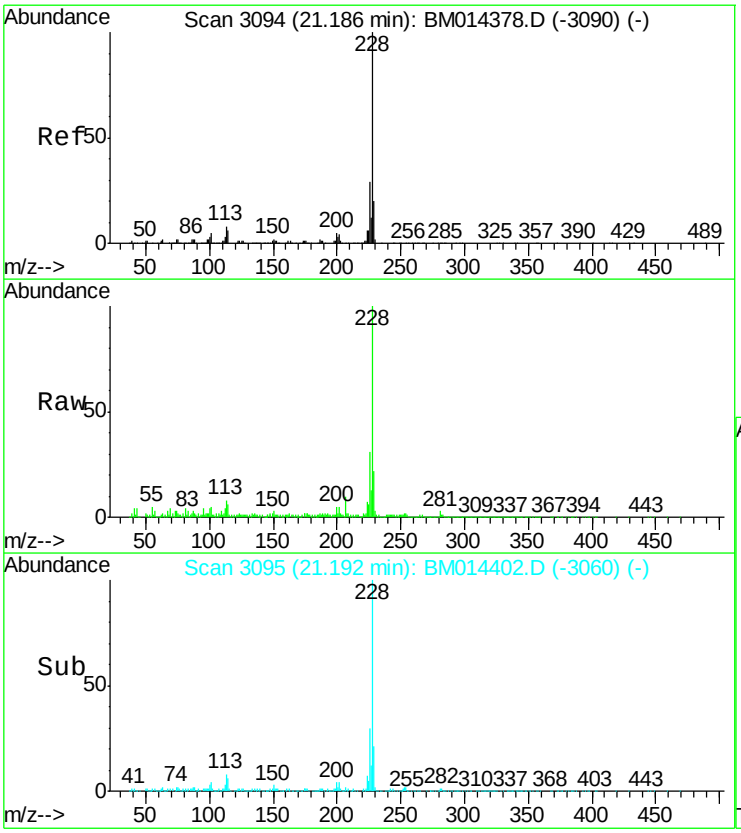
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.120 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. -0.00 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Instrument :
BNA_M
ClientSampleId :
BE5Y3

Tgt Ion:149 Resp: 20832

Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.8	34.2
279	6.2	4.9	7.3

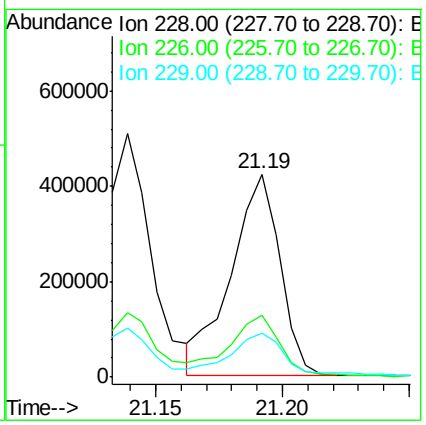


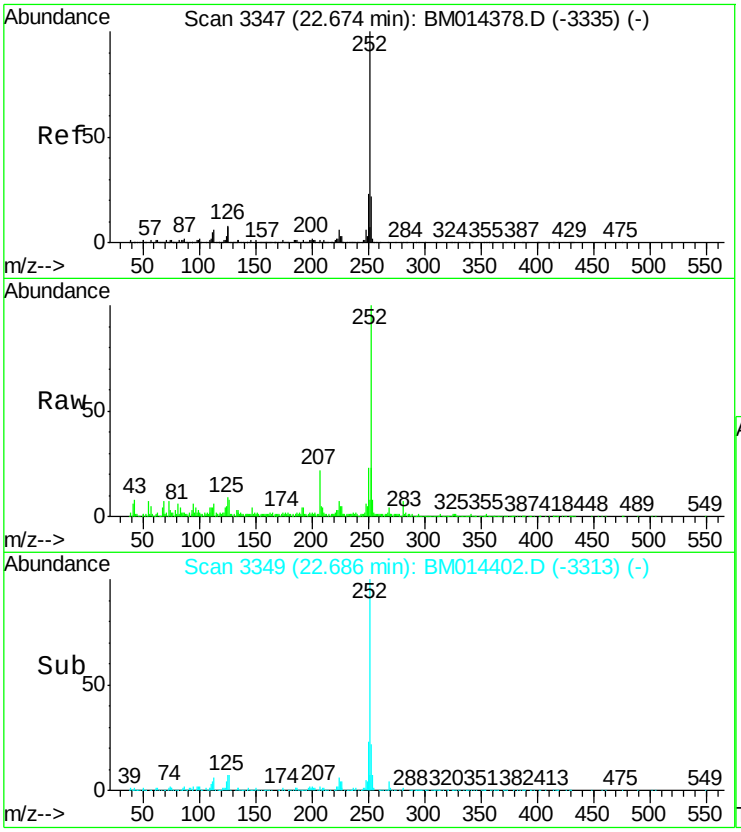


#82
Chrysene
Concen: 20.625 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Tgt Ion:228 Resp: 567611

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	21.5	15.5	23.3



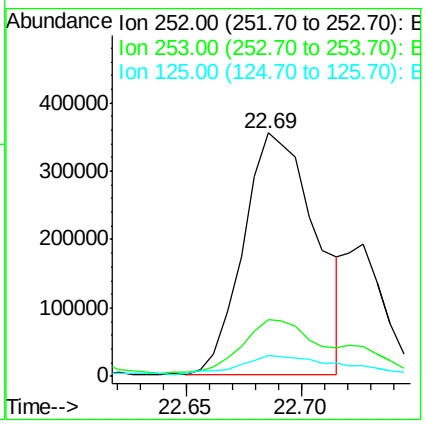


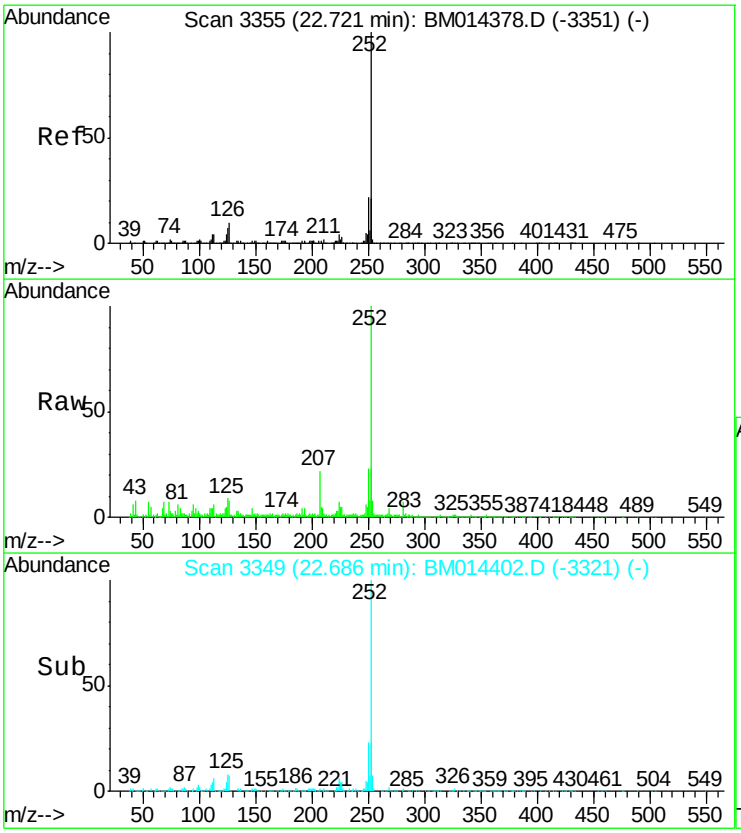
#85
Benzo(b)fluoranthene
Concen: 25.153 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Instrument :
BNA_M
ClientSampleId :
BE5Y3

Tgt Ion:252 Resp: 767239

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	8.7	3.6	5.4#

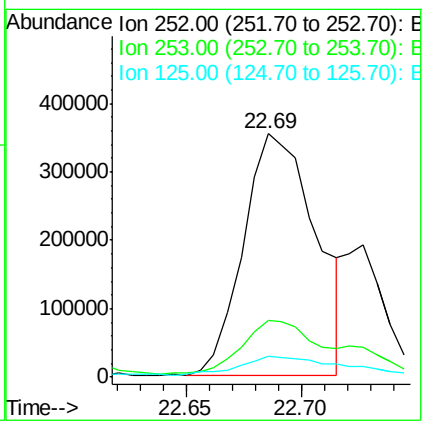


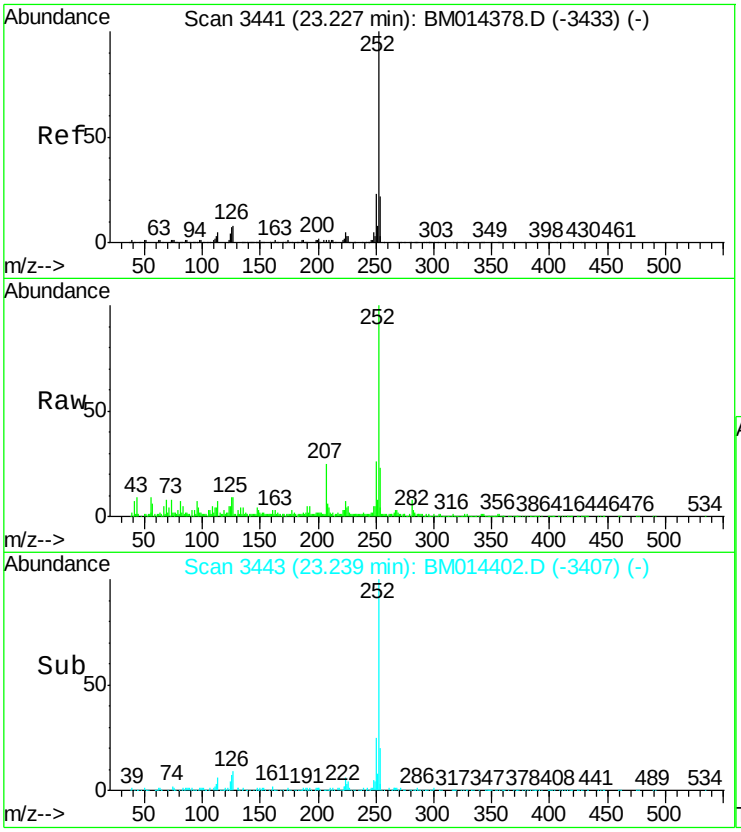


#86
Benzo(k)fluoranthene
Concen: 26.456 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Tgt Ion:252 Resp: 767239

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	8.7	3.4	5.2#



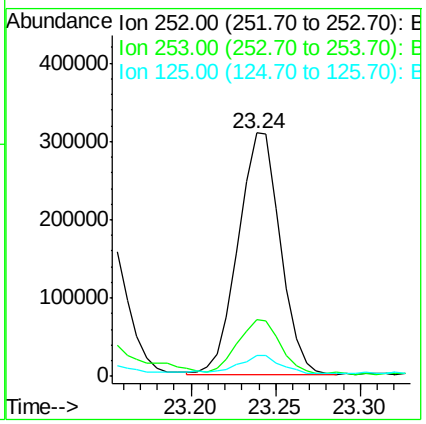


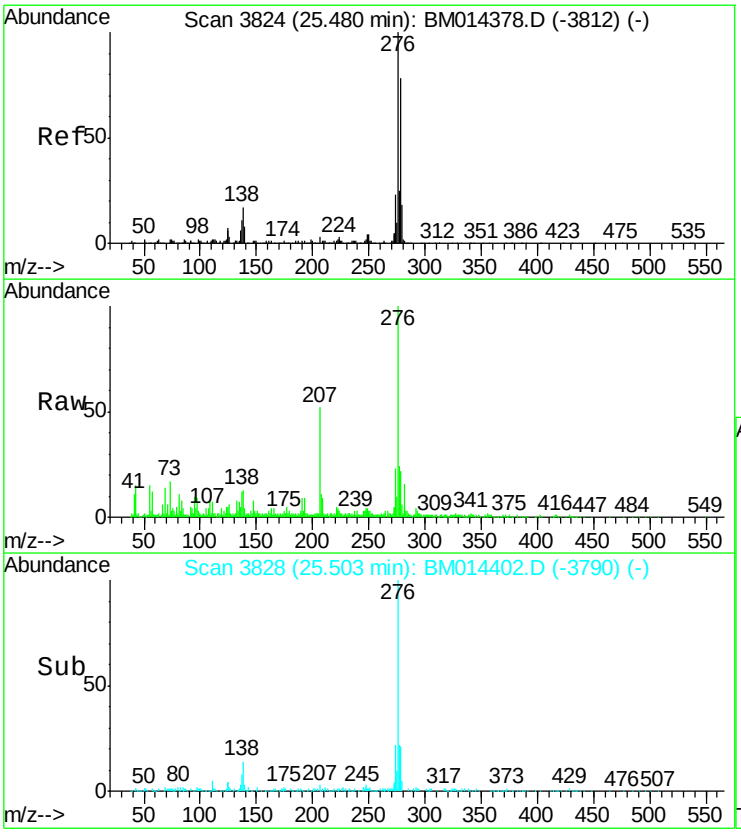
#88
Benzo(a)pyrene
Concen: 19.545 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Instrument :
BNA_M
ClientSampleId :
BE5Y3

Tgt Ion:252 Resp: 532729

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	8.6	4.0	6.0#

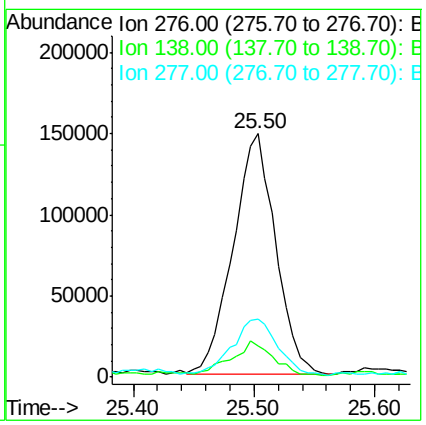


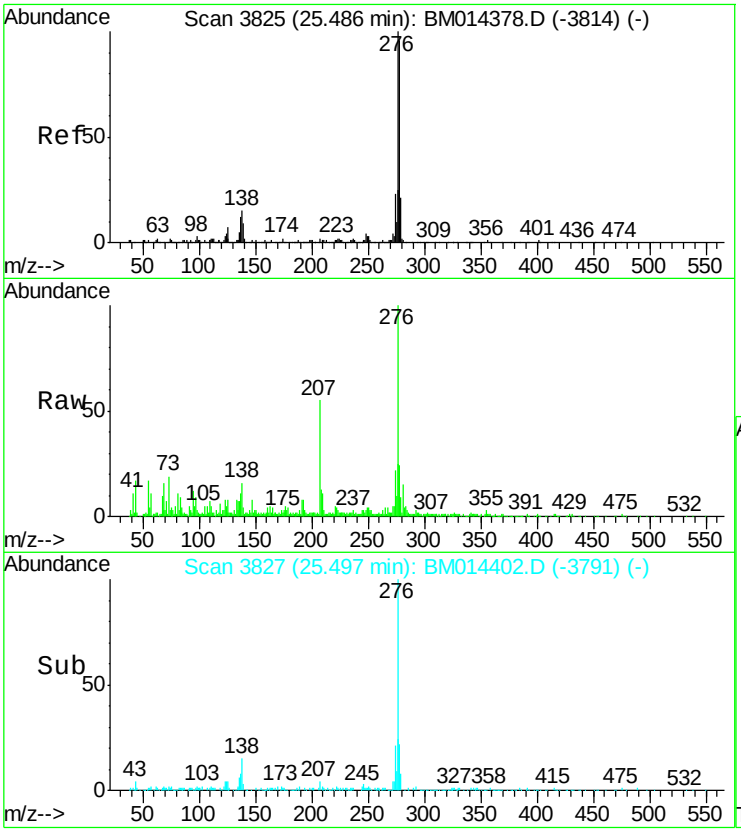


#89
Indeno(1,2,3-cd)pyrene
Concen: 13.694 ng/ul
RT: 25.50 min Scan# 3828
Delta R.T. 0.02 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Tgt Ion:276 Resp: 362200

Ion	Ratio	Lower	Upper
276	100		
138	12.8	9.3	13.9
277	23.6	19.9	29.9



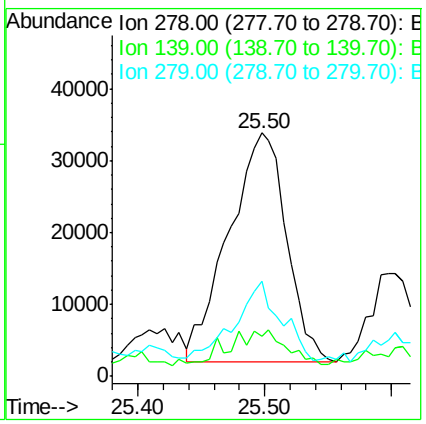


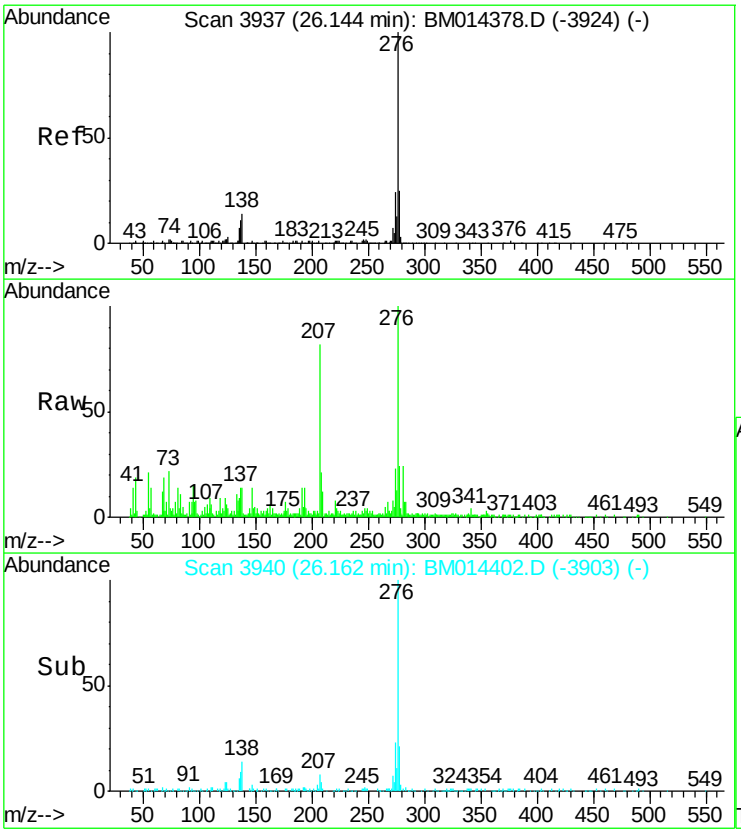
#90
Dibenzo(a,h)anthracene
Concen: 4.603 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.01 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Instrument :
BNA_M
ClientSampleId :
BE5Y3

Tgt Ion:278 Resp: 101169

Ion	Ratio	Lower	Upper
278	100		
139	16.5	5.8	8.8#
279	39.2	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 12.639 ng/ul
RT: 26.16 min Scan# 3940
Delta R.T. 0.02 min
Lab File: BM014402.D
Acq: 28 Feb 2018 14:00

Tgt Ion:276 Resp: 270807

Ion	Ratio	Lower	Upper
276	100		
138	13.8	8.5	12.7#
277	23.9	18.6	28.0