Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014429.D
Acq On : 01 Mar 2018 08:08
Operator : SJ/JU
Sample : J1679-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Z6

Quant Time: Mar 01 11:31:32 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	143146	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	669048	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	393988	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	849866	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	772882	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	594684	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	11944	3.57	ng/uL	0.00
5) Phenol-d5	6.72	99	259457	21.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	156510	21.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	215902	23.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	205797	19.44	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	113529	22.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	122665	23.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	227654	21.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	201000	19.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	737114	22.66	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	963163	24.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	58470	13.02	ng/ul	0.02
57) Fluorene-d10	15.18	176	621811	21.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	10876	2.13	ng/ul	0.01
70) Anthracene-d10	17.04	188	935217	22.81	ng/ul	0.00
76) Pyrene-d10	19.34	212	1000998	25.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	669395	23.13	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.33	128	44432	1.293	ng/ul#	93
44) Dimethylphthalate	13.65	163	108739	3.389	ng/ul	99
47) Acenaphthylene	13.89	152	63293	1.669	ng/ul	96
49) Acenaphthene	14.24	153	56683	2.123	ng/ul	93
53) Dibenzofuran	14.59	168	46947	1.173	ng/ul	96
58) Fluorene	15.23	166	76890	2.225	ng/ul#	98
69) Phenanthrene	16.98	178	1706886	34.859	ng/ul	99
71) Anthracene	17.07	178	383092	7.779	ng/ul	98
72) Carbazole	17.36	167	114583	2.767	ng/ul	99
74) Fluoranthene	19.02	202	2900575	49.582	ng/ul#	94
77) Pyrene	19.38	202	2555992	49.763	ng/ul#	93
78) Butylbenzylphthalate	20.29	149	27412	1.291	ng/ul#	82
80) Benzo(a)anthracene	21.14	228	1266460	26.256	ng/ul	98
82) Chrysene	21.19	228	1055312	23.453	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	1184457	29.746	ng/ul#	97
86) Benzo(k)fluoranthene	22.69	252	1184457	31.287	ng/ul#	95
88) Benzo(a)pyrene	23.24	252	808097	22.711	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	470570	13.629	ng/ul	99
90) Dibenzo(a,h)anthracene	25.49	278	142451	4.965	ng/ul#	82
91) Benzo(g,h,i)perylene	26.16	276	431294	15.419	ng/ul#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014429.D
Acq On : 01 Mar 2018 08:08
Operator : SJ/JU
Sample : J1679-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

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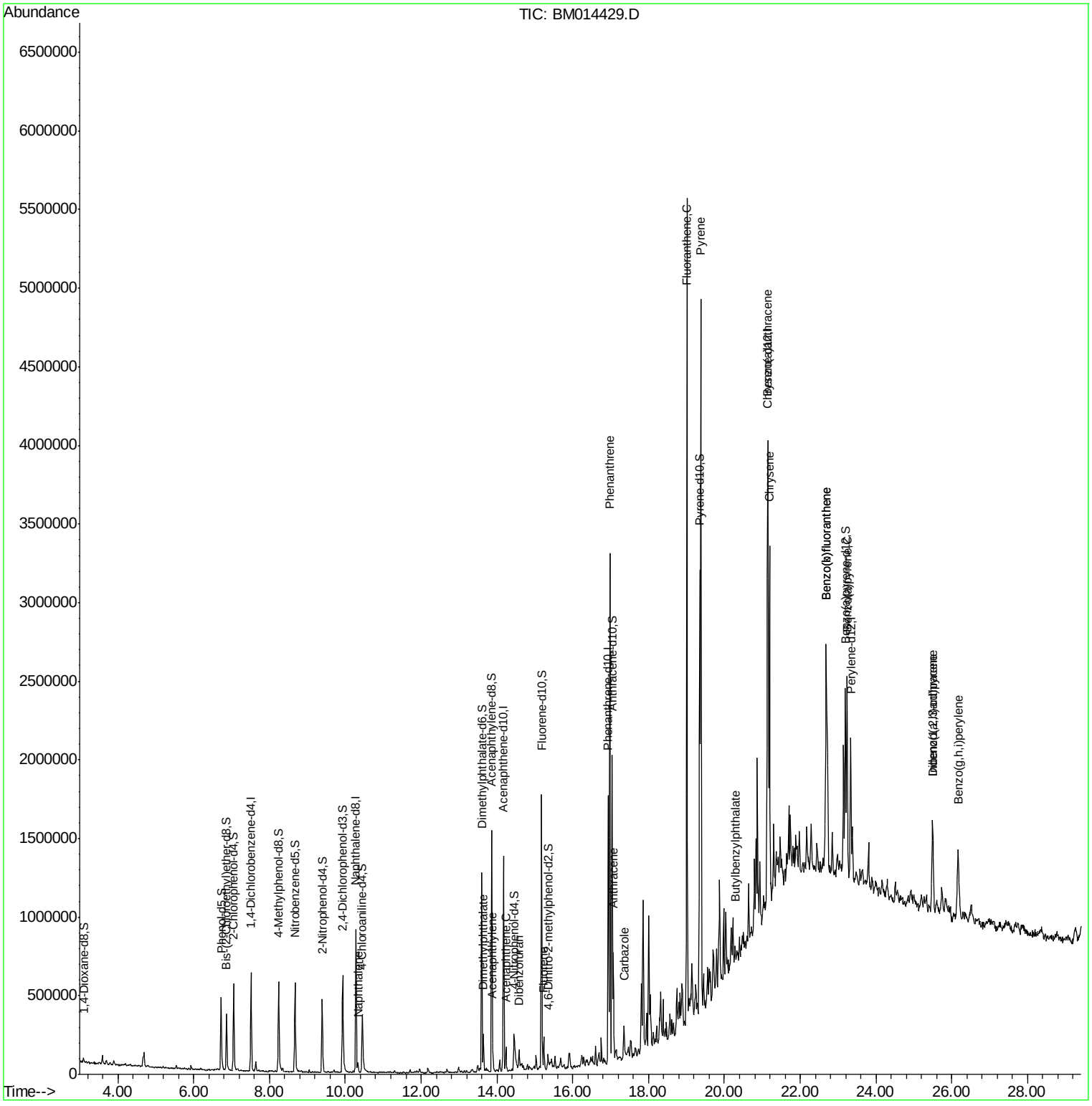
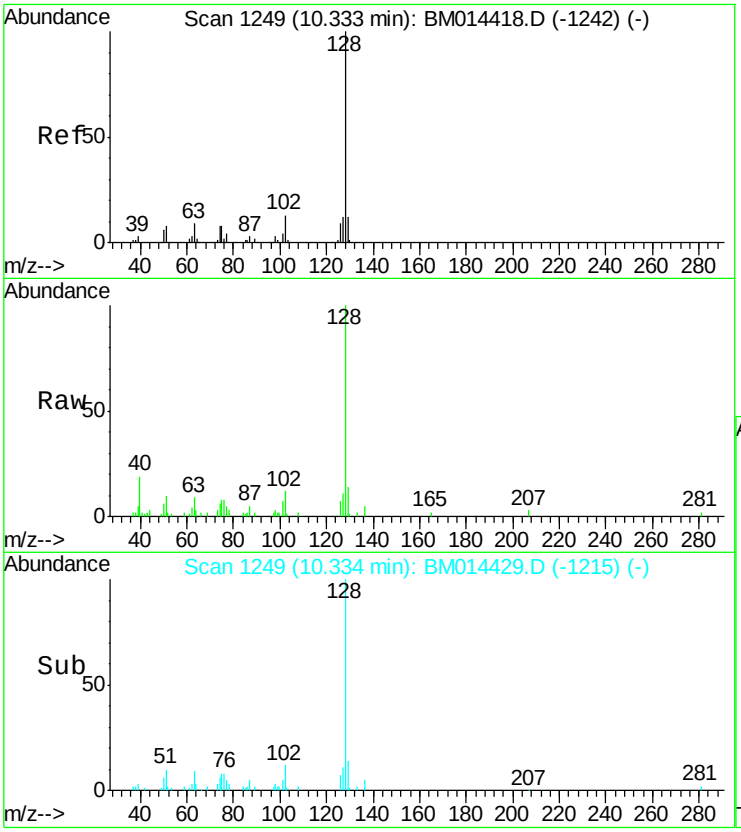
Quant Time: Mar 01 11:31:32 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration



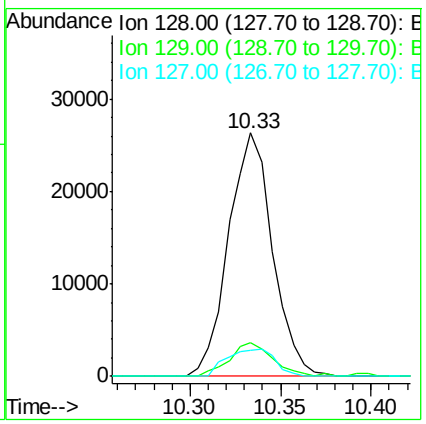


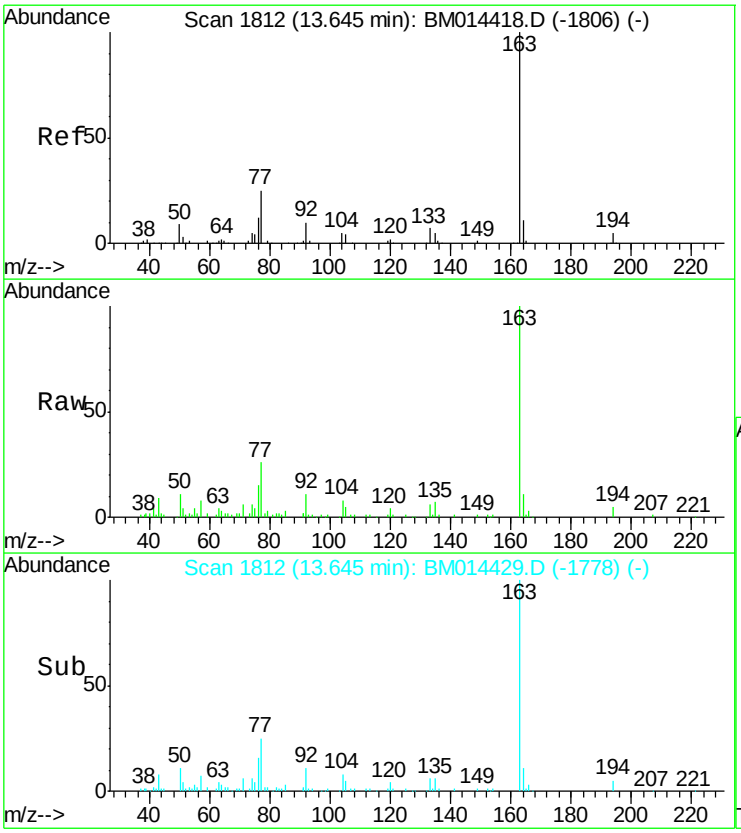
#28
Naphthalene
Concen: 1.293 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tgt Ion:128 Resp: 44432

Ion	Ratio	Lower	Upper
128	100		
129	14.1	8.8	13.2#
127	10.6	10.6	16.0

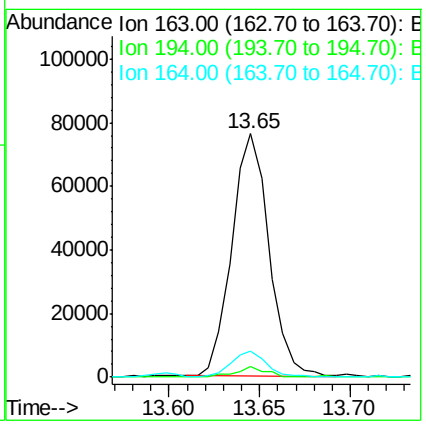


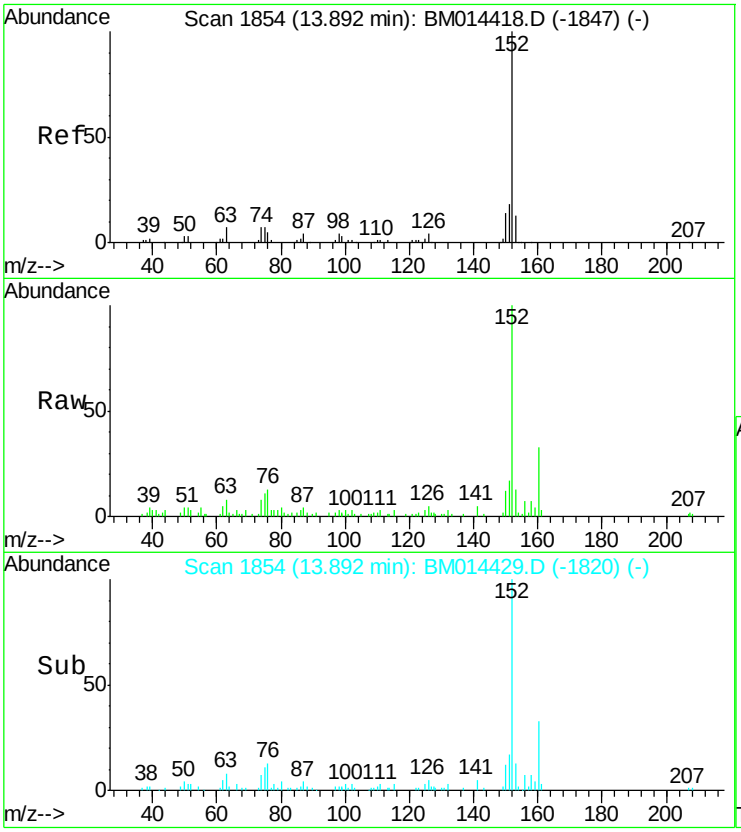


#44
Dimethylphthalate
Concen: 3.389 ng/ul
RT: 13.65 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion:163 Resp: 108739

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.8	8.2	12.4



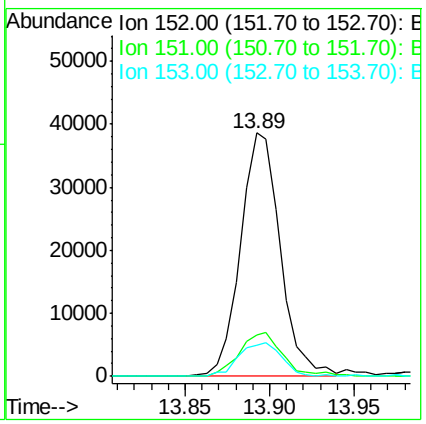


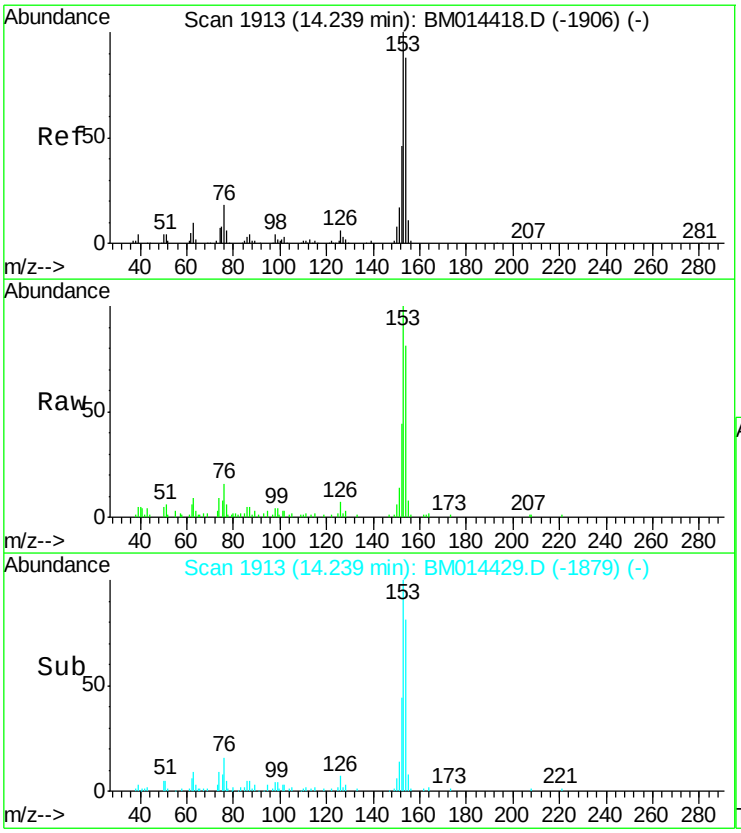
#47
Acenaphthylene
Concen: 1.669 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tgt Ion:152 Resp: 63293

Ion	Ratio	Lower	Upper
152	100		
151	17.2	16.3	24.5
153	13.0	10.2	15.4

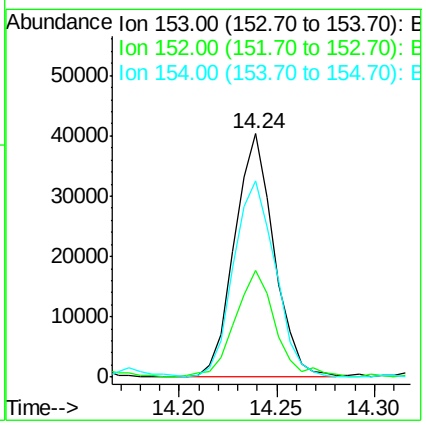


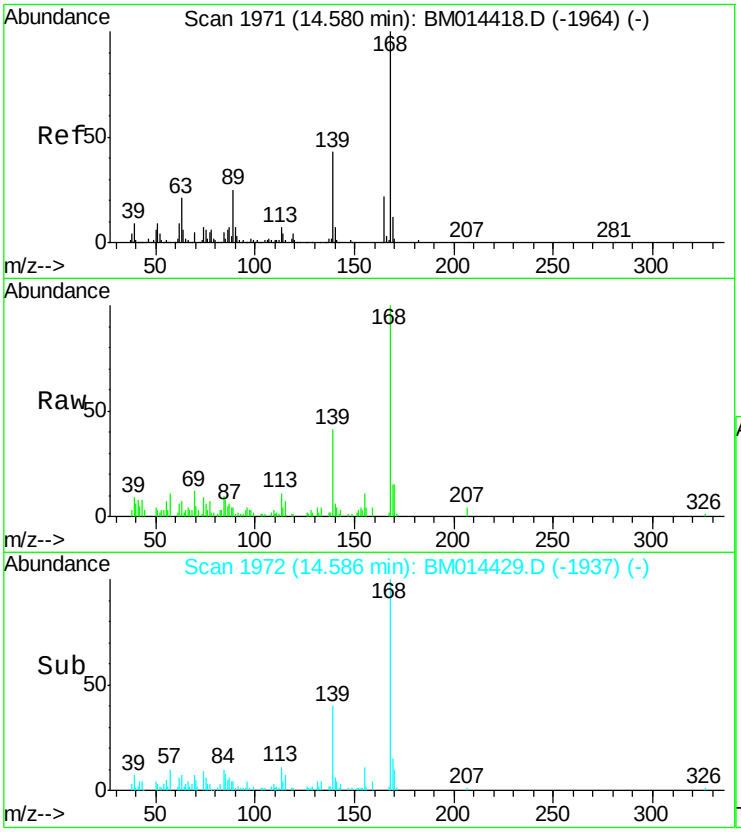


#49
Acenaphthene
Concen: 2.123 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion:153 Resp: 56683

Ion	Ratio	Lower	Upper
153	100		
152	43.8	37.6	56.4
154	80.6	70.4	105.6



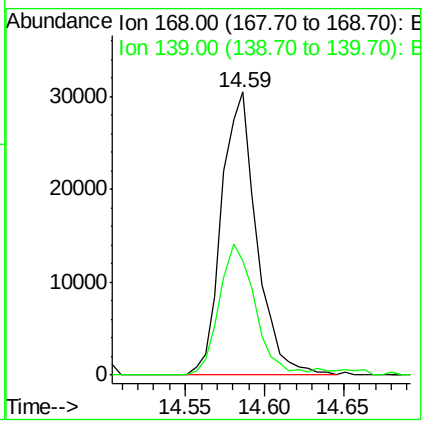


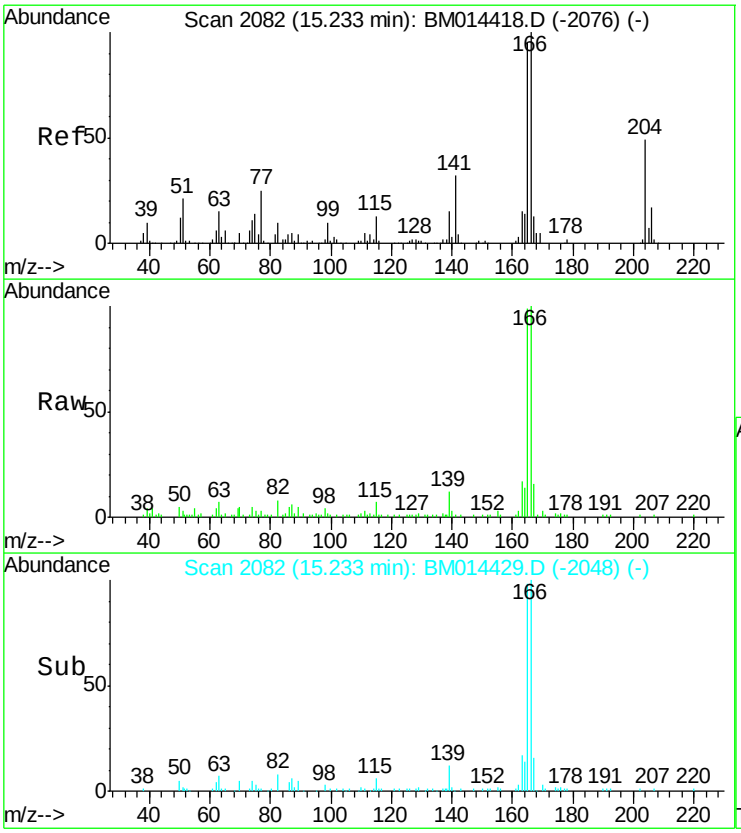
#53
Dibenzofuran
Concen: 1.173 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tgt Ion:168 Resp: 46947

Ion	Ratio	Lower	Upper
168	100		
139	40.6	30.8	46.2

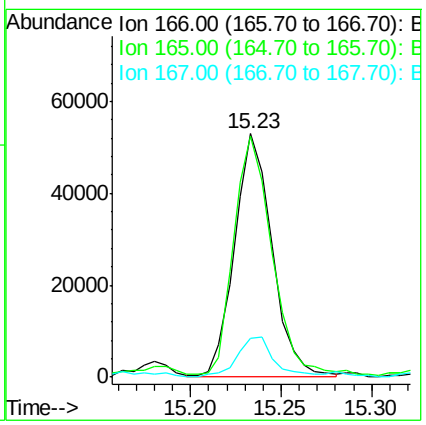


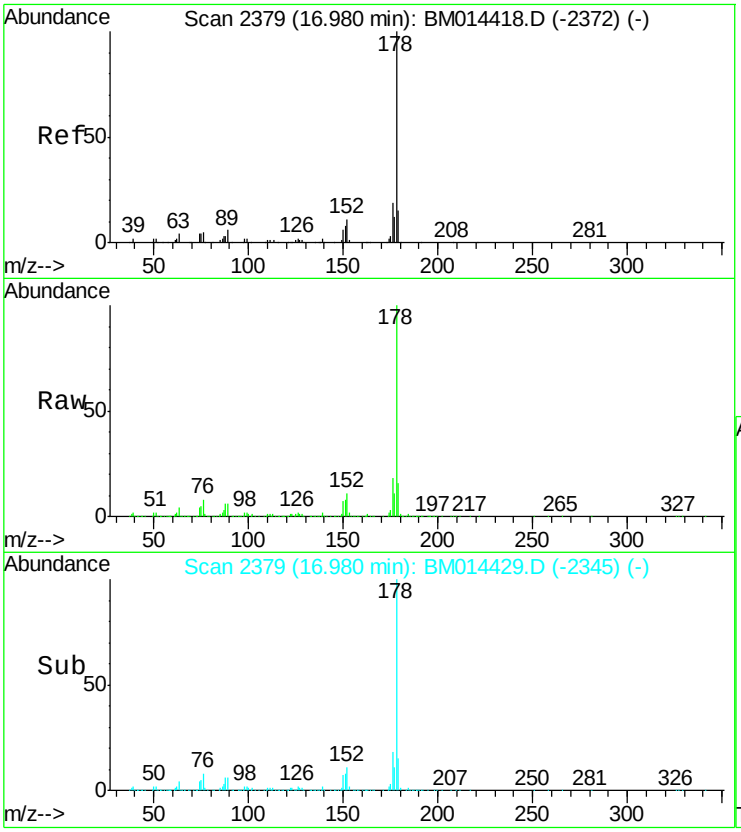


#58
Fluorene
Concen: 2.225 ng/ul
RT: 15.23 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion:166 Resp: 76890

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.9	116.9
167	16.0	10.6	16.0#



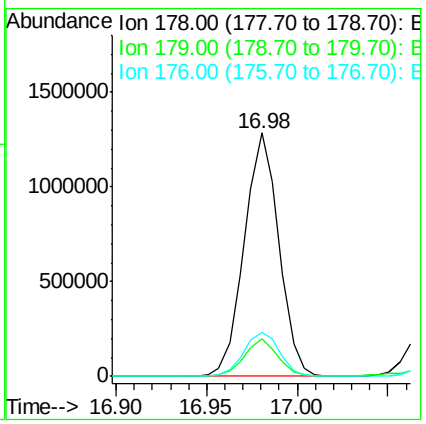


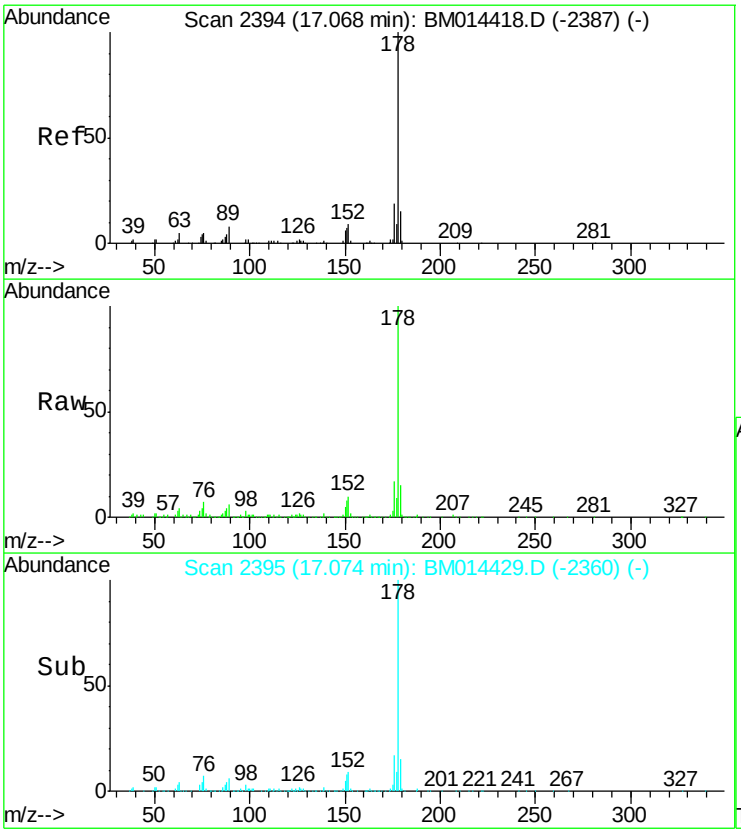
#69
Phenanthrene
Concen: 34.859 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tgt Ion:178 Resp: 1706886

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.2	14.9	22.3

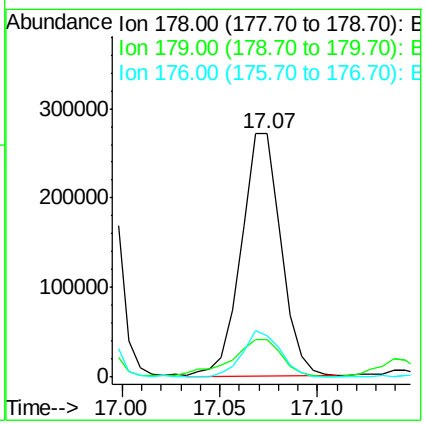


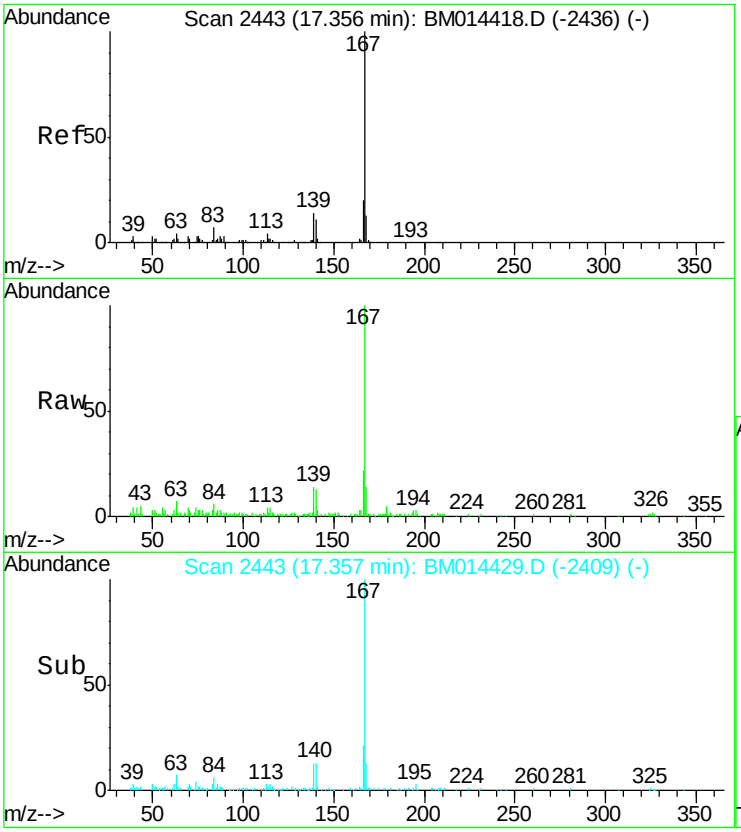


#71
Anthracene
Concen: 7.779 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion:178 Resp: 383092

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.7	17.5
176	17.1	14.6	21.8



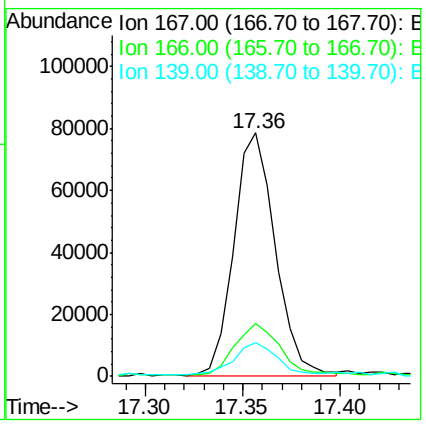


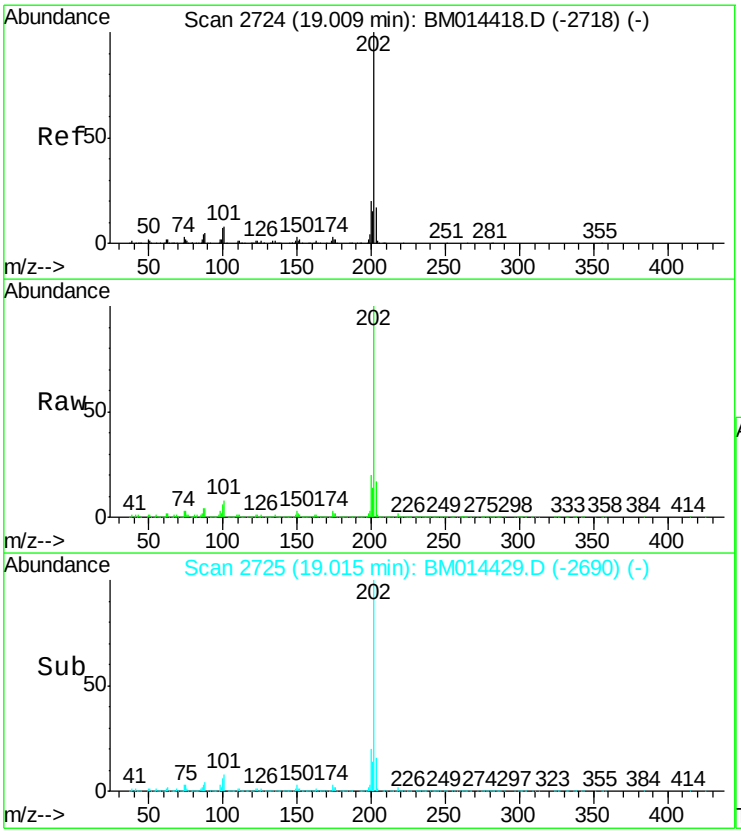
#72
Carbazole
Concen: 2.767 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tgt Ion:167 Resp: 114583

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	13.8	10.0	15.0

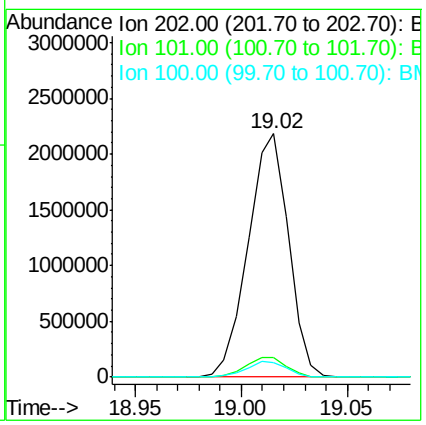


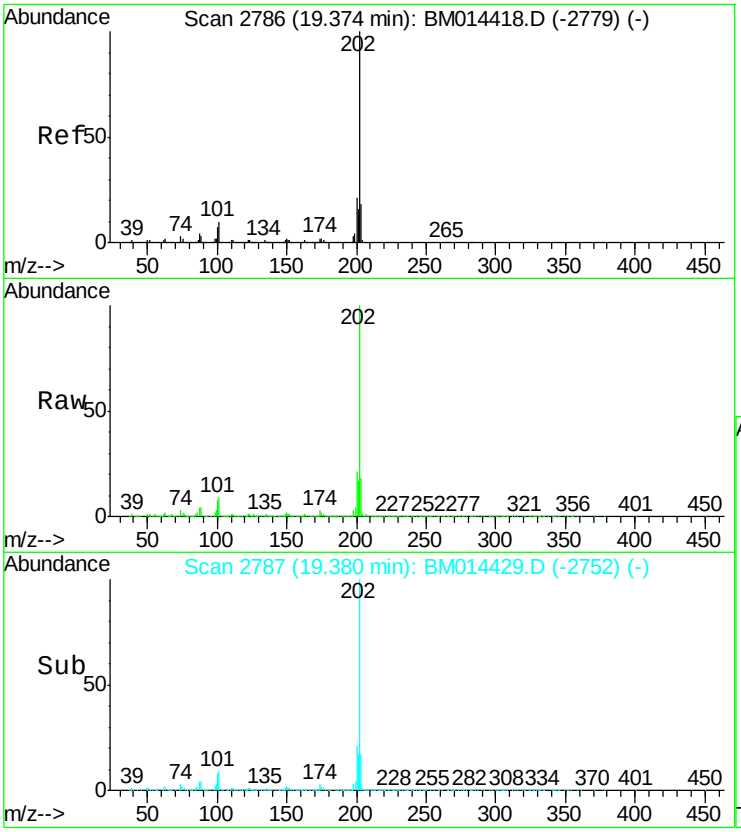


#74
Fluoranthene
Concen: 49.582 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion:202 Resp: 2900575

Ion	Ratio	Lower	Upper
202	100		
101	8.0	4.6	7.0#
100	6.1	3.4	5.2#



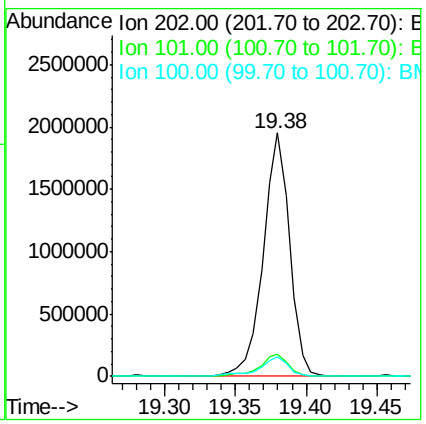


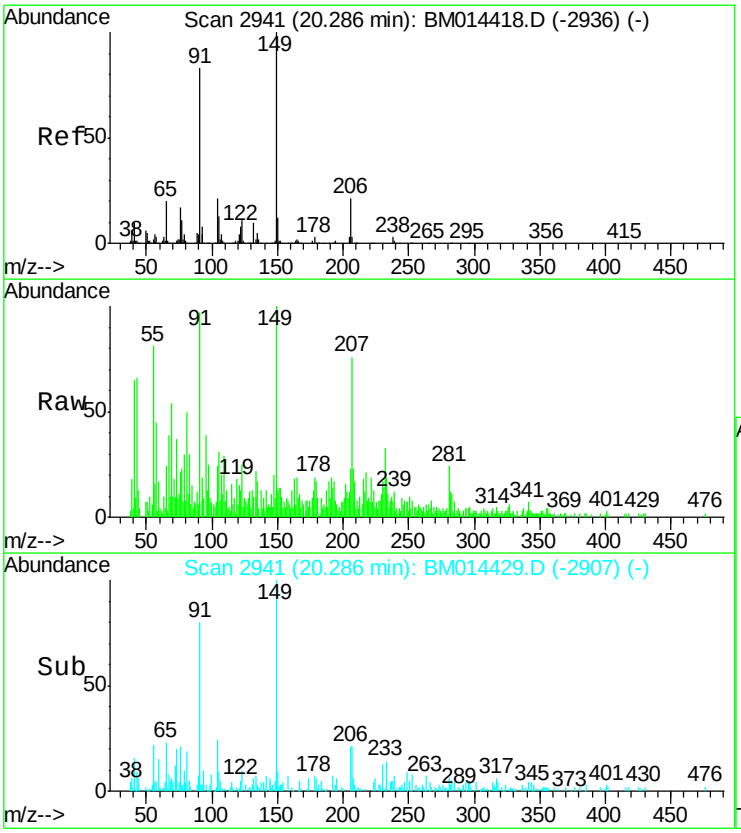
#77
Pyrene
Concen: 49.763 ng/ul
RT: 19.38 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tgt Ion:202 Resp: 2555992

Ion	Ratio	Lower	Upper
202	100		
101	9.0	5.1	7.7#
100	8.0	4.9	7.3#

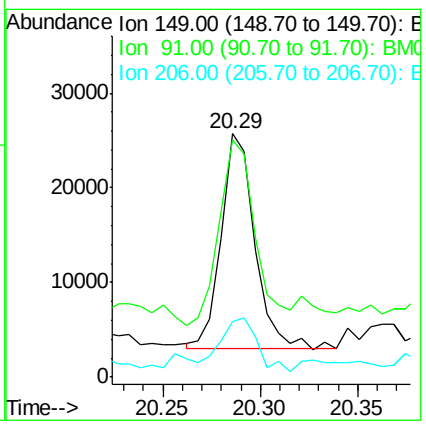


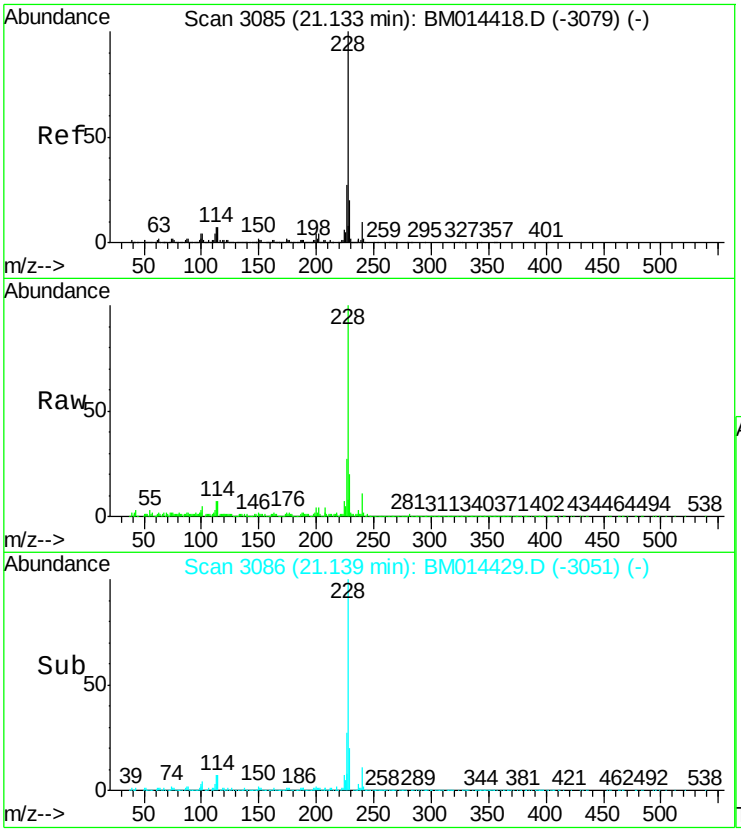


#78
Butylbenzylphthalate
Concen: 1.291 ng/ul
RT: 20.29 min Scan# 2941
Delta R.T. 0.00 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion:149 Resp: 27412

Ion	Ratio	Lower	Upper
149	100		
91	97.5	62.7	94.1#
206	22.9	20.8	31.2



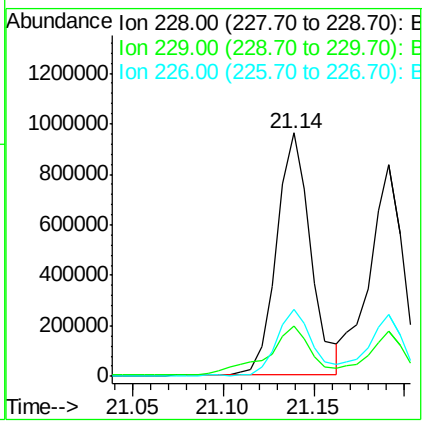


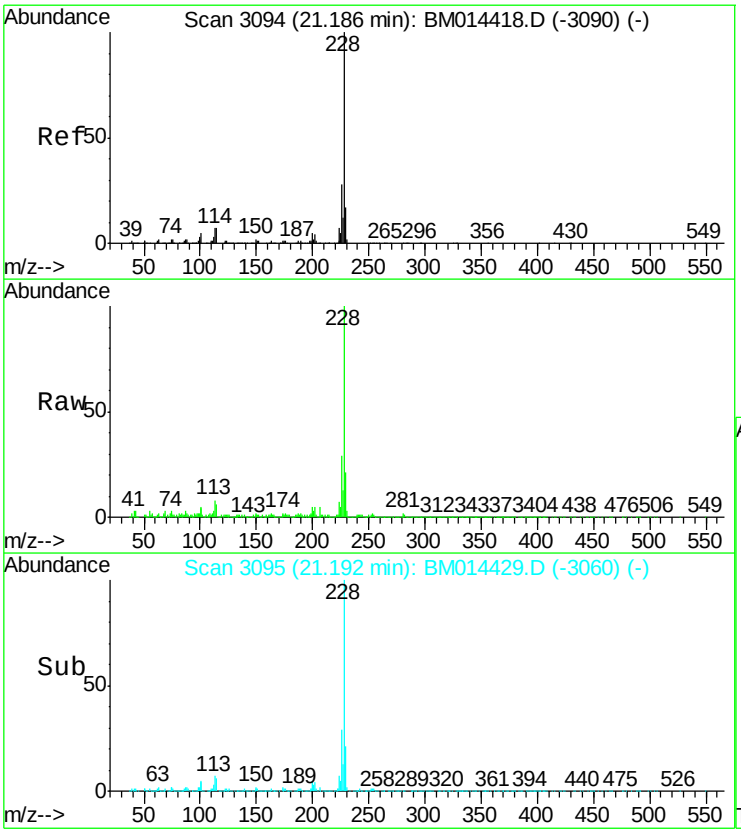
#80
Benzo(a)anthracene
Concen: 26.256 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tgt Ion:228 Resp: 1266460

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	27.4	21.4	32.0

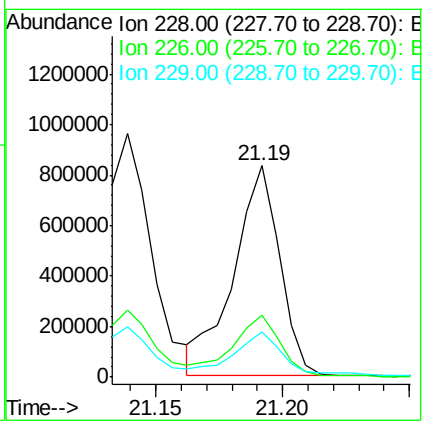


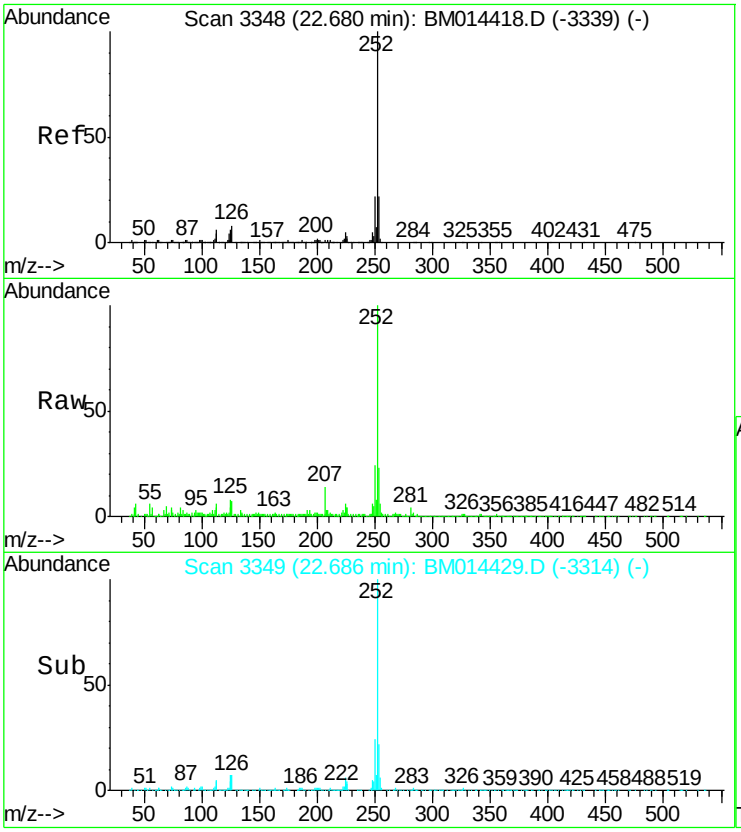


#82
Chrysene
Concen: 23.453 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion:228 Resp: 1055312

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	21.3	15.5	23.3



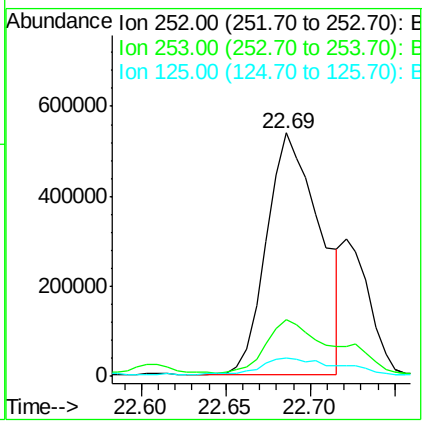


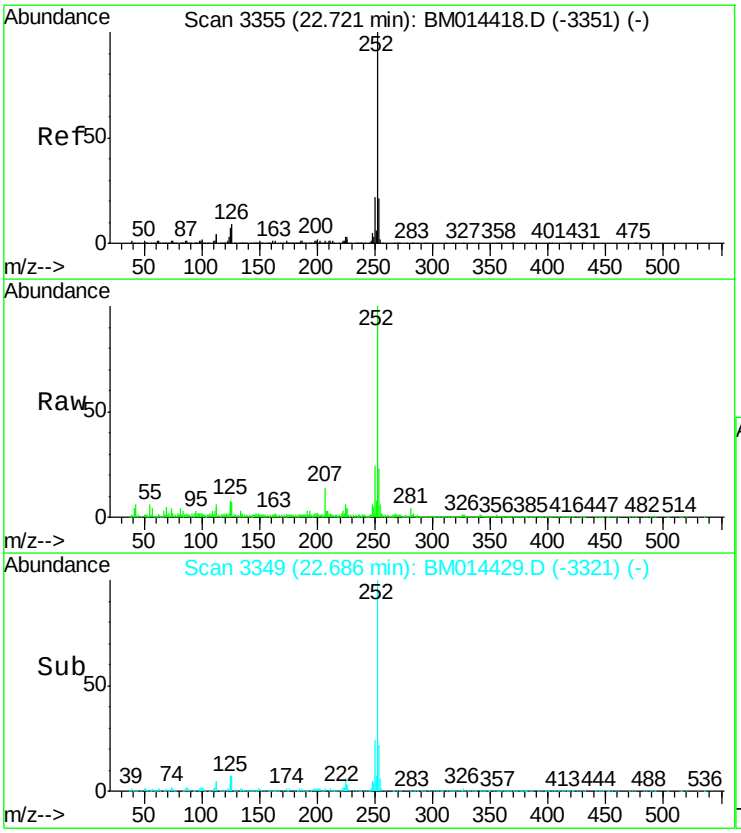
#85
Benzo(b)fluoranthene
Concen: 29.746 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tgt Ion:252 Resp: 1184457

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	7.6	3.6	5.4#

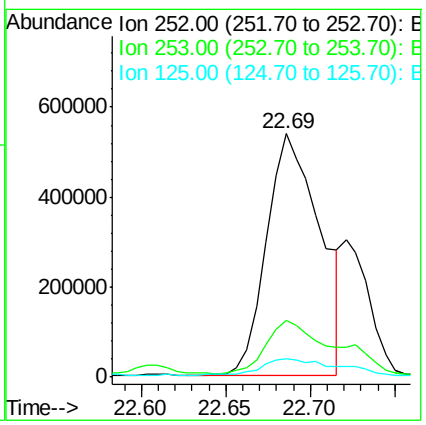


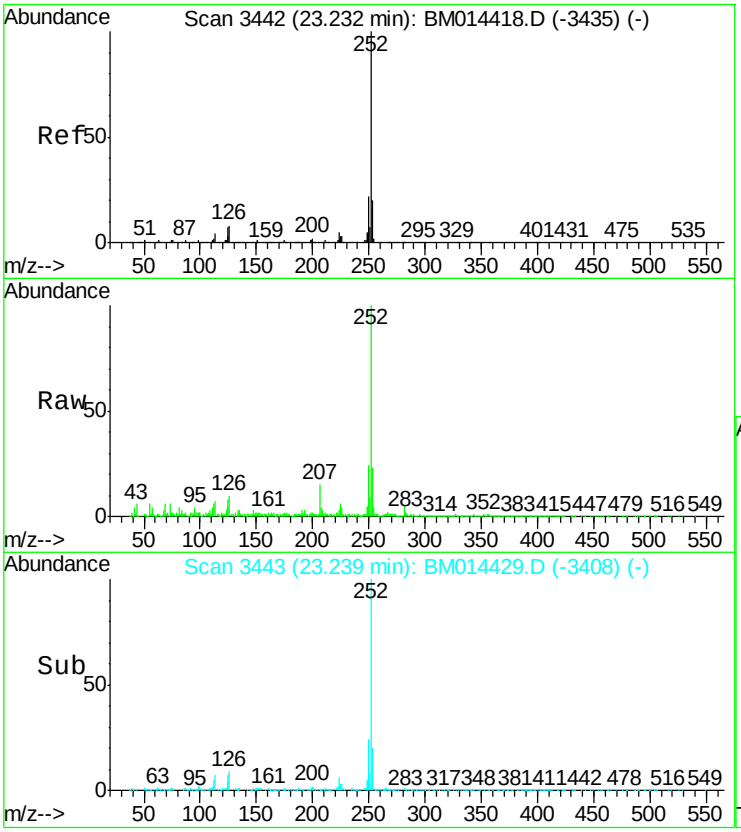


#86
Benzo(k)fluoranthene
Concen: 31.287 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion:252 Resp: 1184457

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	7.6	3.4	5.2#



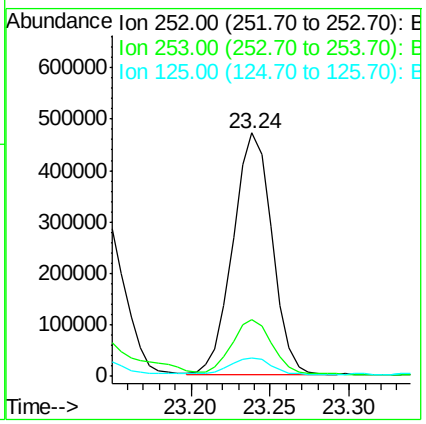


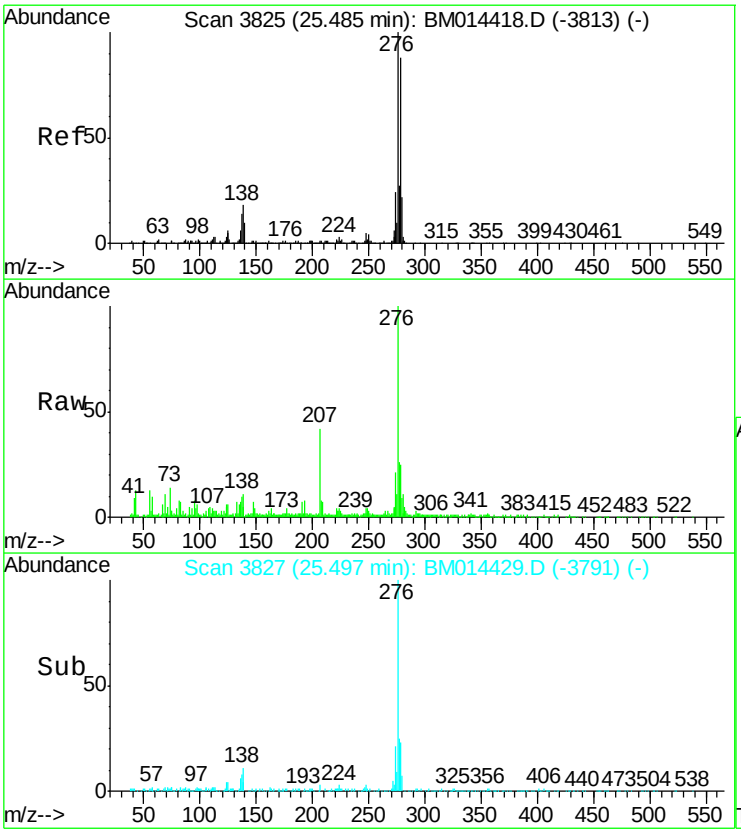
#88
Benzo(a)pyrene
Concen: 22.711 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tgt Ion:252 Resp: 808097

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	7.7	4.0	6.0#

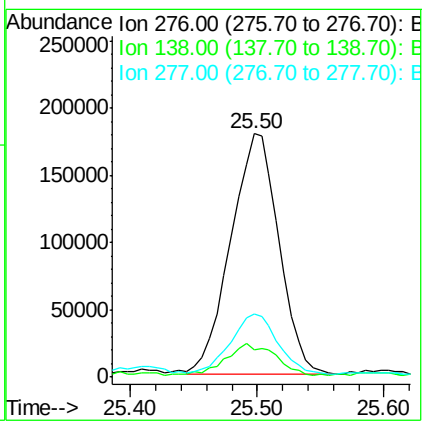


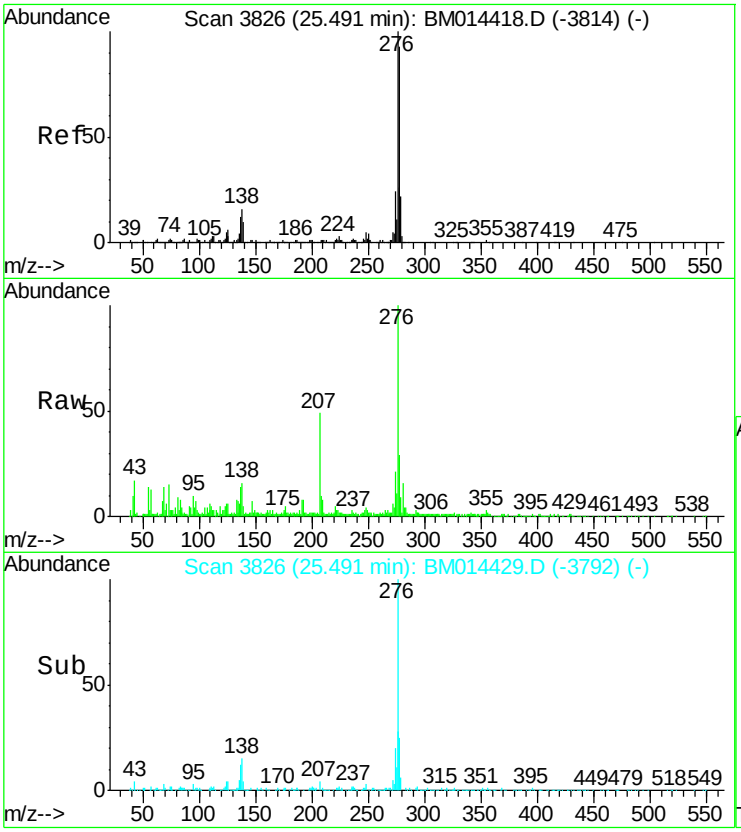


#89
Indeno(1,2,3-cd)pyrene
Concen: 13.629 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion:276 Resp: 470570

Ion	Ratio	Lower	Upper
276	100		
138	11.5	9.3	13.9
277	25.7	19.9	29.9



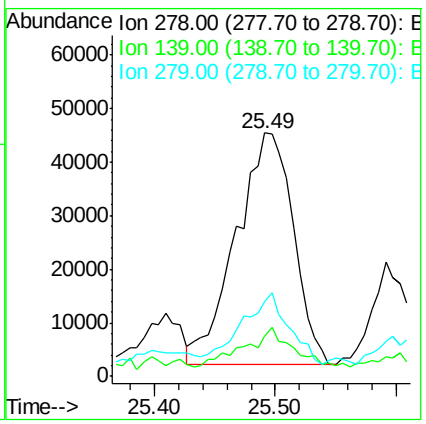


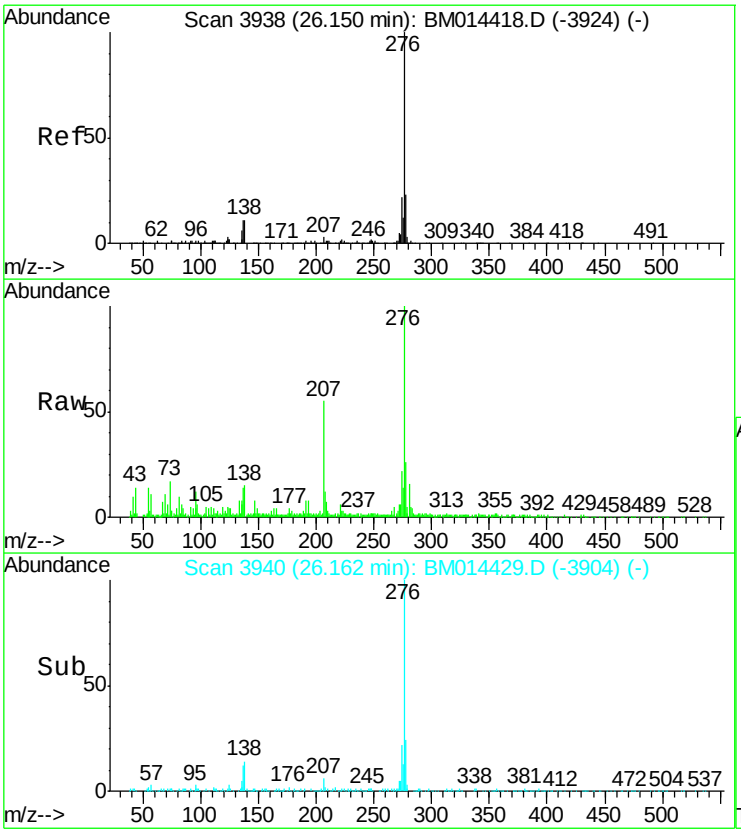
#90
Dibenzo(a,h)anthracene
Concen: 4.965 ng/ul
RT: 25.49 min Scan# 3826
Delta R.T. 0.00 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Instrument :
BNA_M
ClientSampleId :
BE5Z6

Tgt Ion:278 Resp: 142451

Ion	Ratio	Lower	Upper
278	100		
139	16.5	5.8	8.8#
279	30.8	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 15.419 ng/ul
RT: 26.16 min Scan# 3940
Delta R.T. 0.01 min
Lab File: BM014429.D
Acq: 01 Mar 2018 08:08

Tgt Ion:276 Resp: 431294

Ion	Ratio	Lower	Upper
276	100		
138	14.8	8.5	12.7#
277	25.6	18.6	28.0