Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014427.D
Acq On : 01 Mar 2018 06:56
Operator : SJ/JU
Sample : J1678-10 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W0

Quant Time: Mar 01 07:45:54 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	159429	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	747260	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	441612	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	941598	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	940367	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	703881	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	447	0.12	ng/uL	-0.01
5) Phenol-d5	6.73	99	36724	2.73	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	22629	2.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	32702	3.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	31806	2.70	ng/ul	0.02
19) Nitrobenzene-d5	8.69	128	17800	3.22	ng/ul	0.02
22) 2-Nitrophenol-d4	9.40	143	14329	2.51	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.95	165	31765	2.68	ng/ul	0.02
29) 4-Chloroaniline-d4	10.46	131	20426	1.75	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	128374	3.52	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	161100	3.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	256	0.05	ng/ul	0.01
57) Fluorene-d10	15.18	176	110830	3.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	340	0.06	ng/ul	0.00
70) Anthracene-d10	17.04	188	172304	3.79	ng/ul	0.00
76) Pyrene-d10	19.35	212	190238	3.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	130135	3.80	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.33	128	179742	4.683	ng/ul#	95
30) 4-Chloroaniline	10.34	127	23238	1.954	ng/ul#	1
34) 2-Methylnaphthalene	11.96	142	73272	2.508	ng/ul	91
47) Acenaphthylene	13.89	152	105821	2.490	ng/ul#	97
49) Acenaphthene	14.24	153	185972	6.214	ng/ul	99
53) Dibenzofuran	14.58	168	178933	3.987	ng/ul	92
58) Fluorene	15.23	166	238130	6.146	ng/ul	98
69) Phenanthrene	16.99	178	4253840	78.410	ng/ul	99
71) Anthracene	17.07	178	827122	15.160	ng/ul	100
72) Carbazole	17.36	167	350744	7.645	ng/ul	98
74) Fluoranthene	19.02	202	5464000	84.301	ng/ul#	92
77) Pyrene	19.39	202	5121005	81.944	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	2317664	39.491	ng/ul	99
82) Chrysene	21.19	228	2049827	37.441	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	1951078	41.397	ng/ul#	97
86) Benzo(k)fluoranthene	22.69	252	1951078	43.541	ng/ul#	95
88) Benzo(a)pyrene	23.24	252	1364187	32.391	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	753649	18.441	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.50	278	227225	6.691	ng/ul#	92
91) Benzo(g,h,i)perylene	26.16	276	569417	17.199	ng/ul#	95

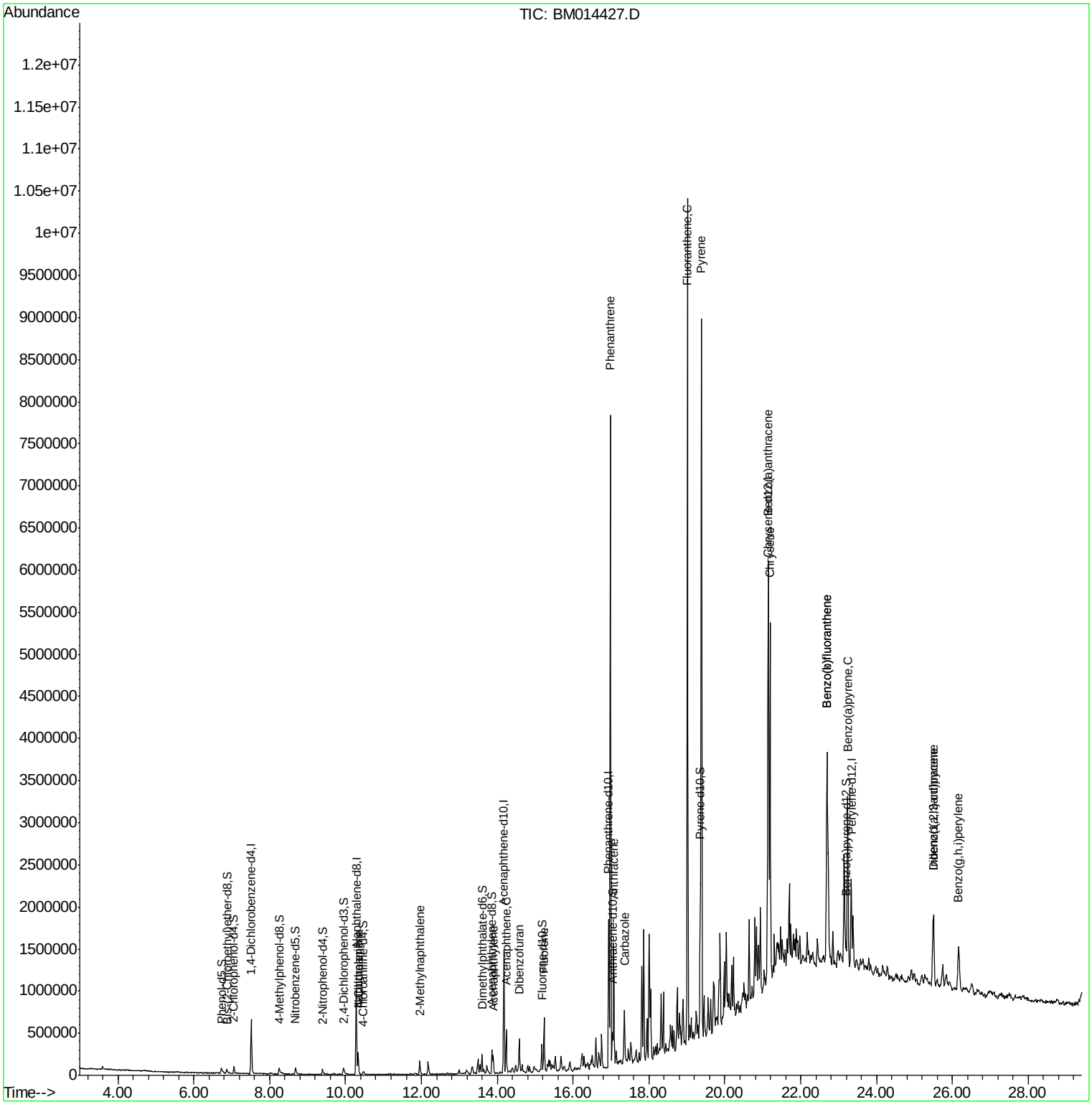
(#) = qualifier out of range (m) = manual integration (+) = signals summed

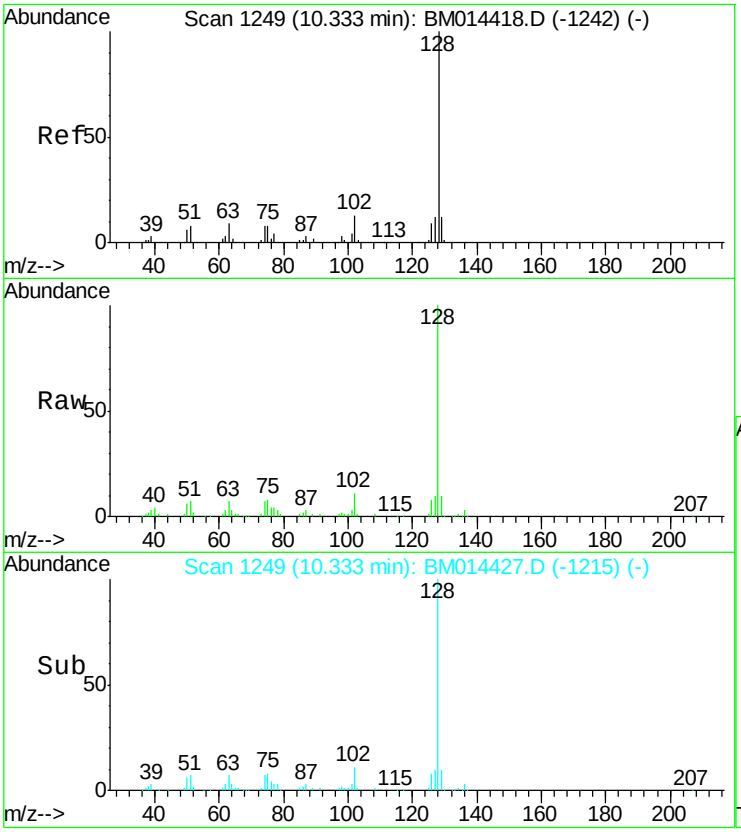
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014427.D
Acq On : 01 Mar 2018 06:56
Operator : SJ/JU
Sample : J1678-10 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W0

Quant Time: Mar 01 07:45:54 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



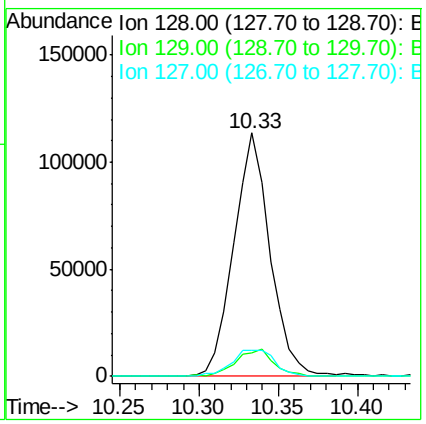


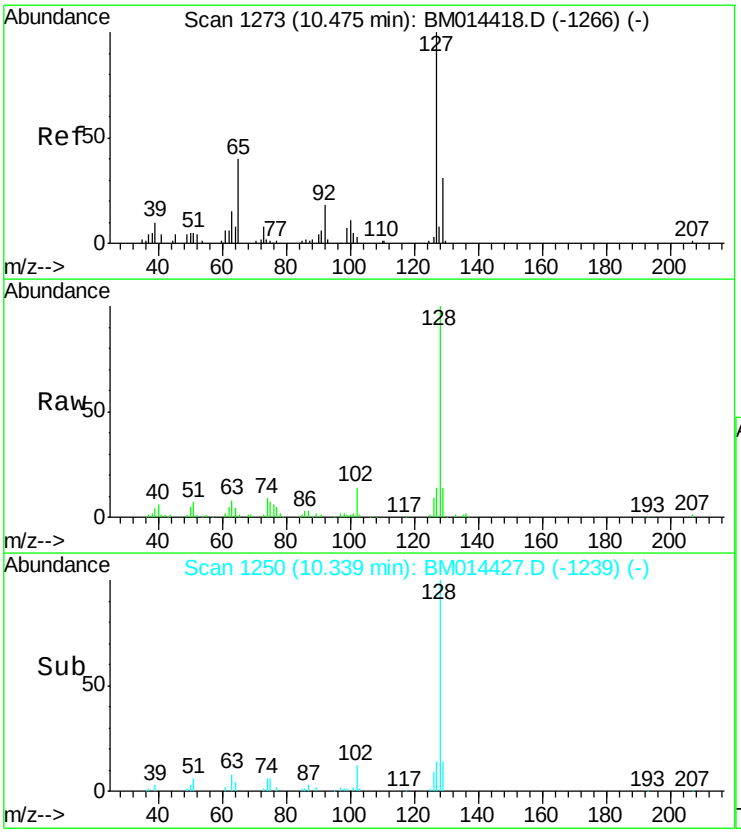
#28
Naphthalene
Concen: 4.683 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

Tgt Ion:128 Resp: 179742

Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.8	13.2
127	10.5	10.6	16.0#

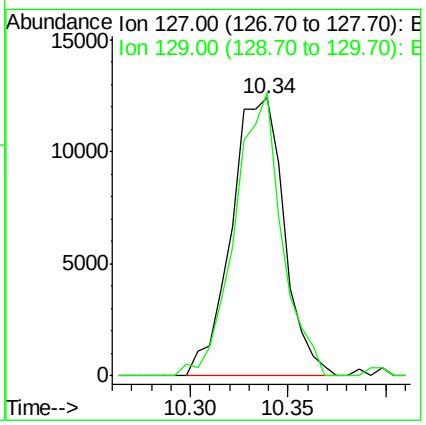


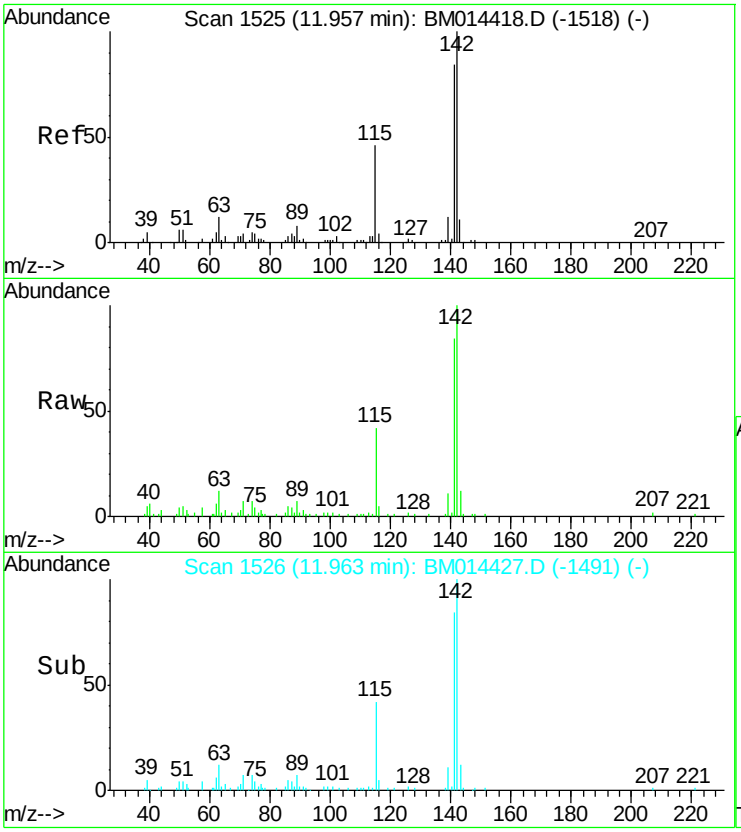


#30
4-Chloroaniline
Concen: 1.954 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. -0.14 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion:127 Resp: 23238

Ion	Ratio	Lower	Upper
127	100		
129	101.7	28.4	42.6#



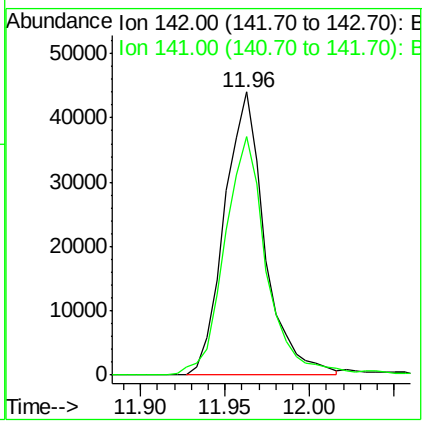


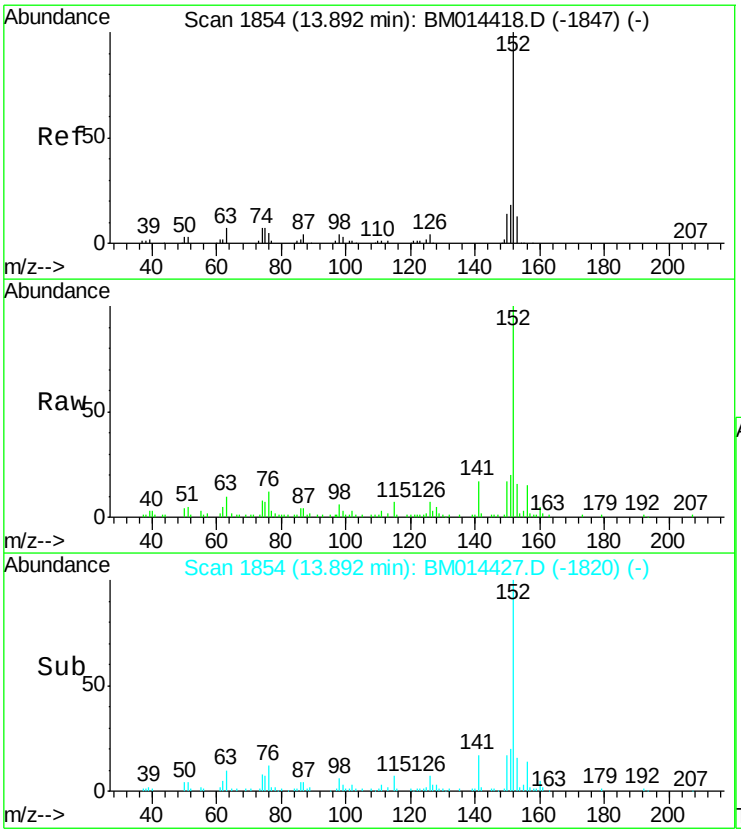
#34
2-Methylnaphthalene
Concen: 2.508 ng/ul
RT: 11.96 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

Tgt Ion:142 Resp: 73272

Ion	Ratio	Lower	Upper
142	100		
141	84.1	74.1	111.1

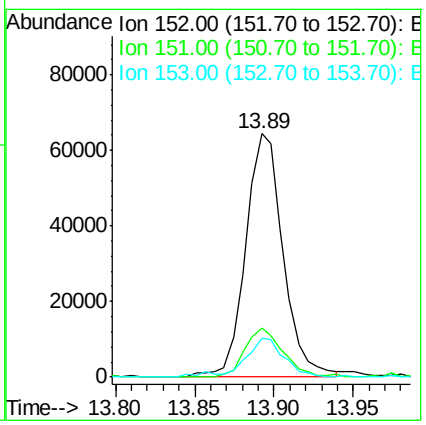


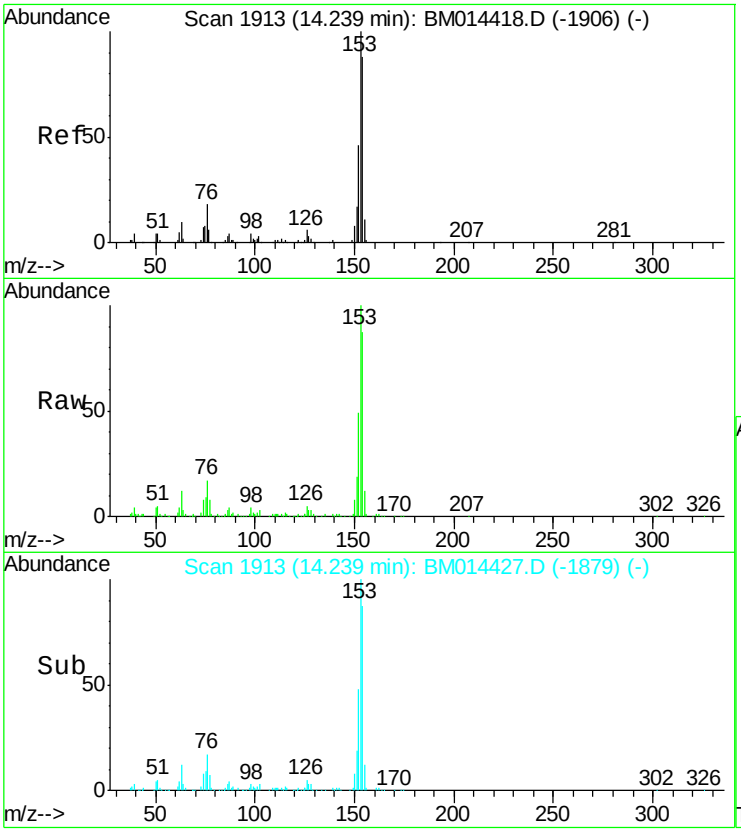


#47
Acenaphthylene
Concen: 2.490 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion:152 Resp: 105821

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	16.0	10.2	15.4#



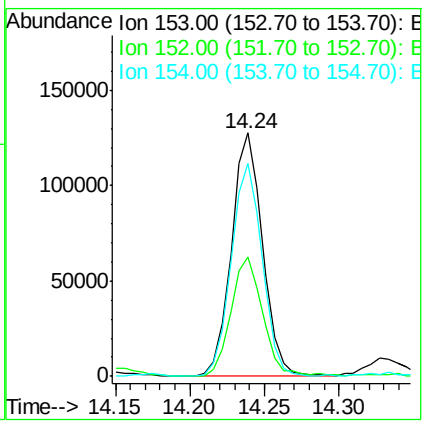


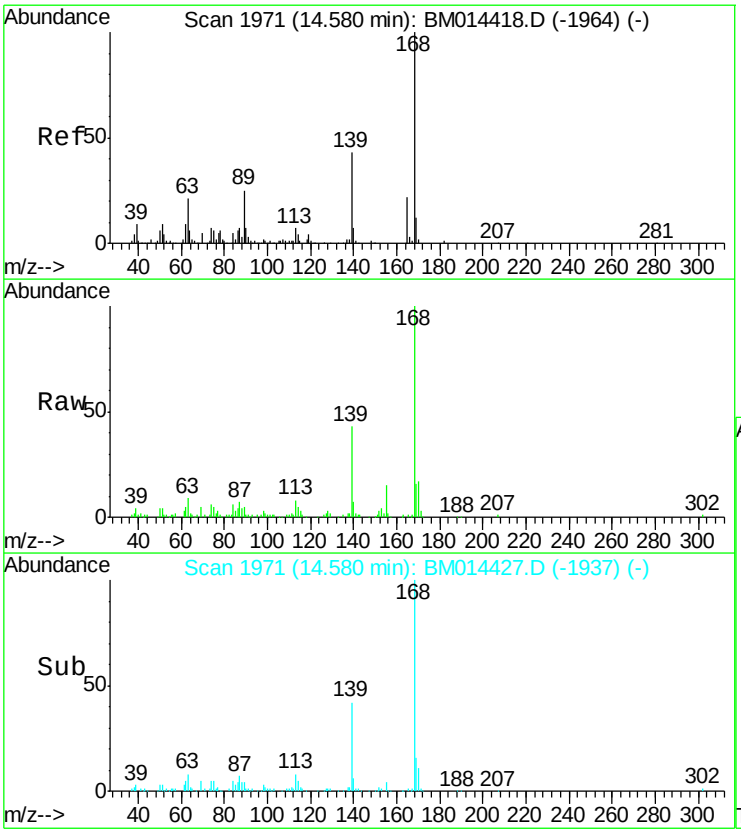
#49
Acenaphthene
Concen: 6.214 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

Tgt Ion:153 Resp: 185972

Ion	Ratio	Lower	Upper
153	100		
152	48.9	37.6	56.4
154	87.5	70.4	105.6

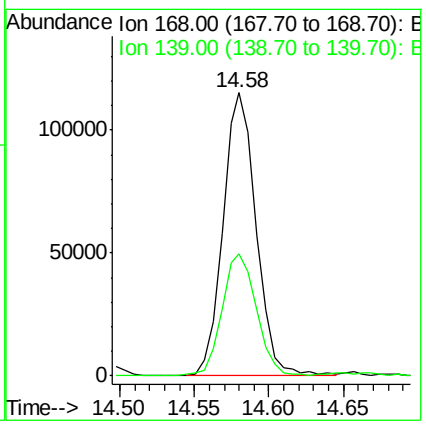


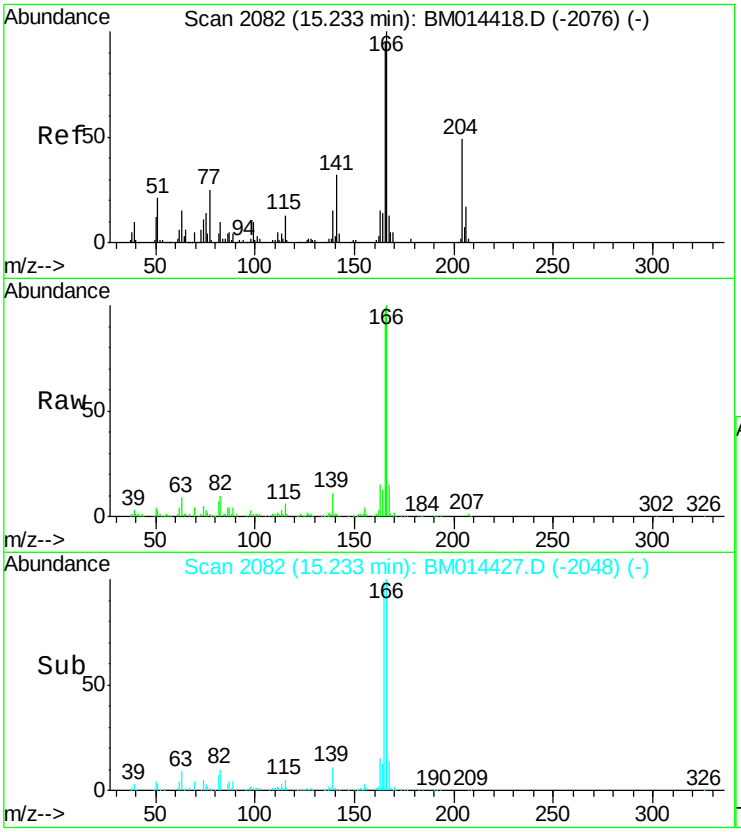


#53
Dibenzofuran
Concen: 3.987 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion:168 Resp: 178933

Ion	Ratio	Lower	Upper
168	100		
139	43.2	30.8	46.2



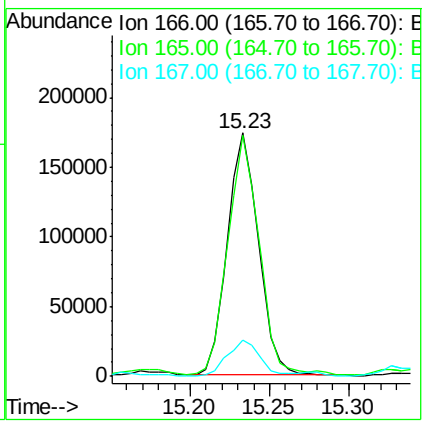


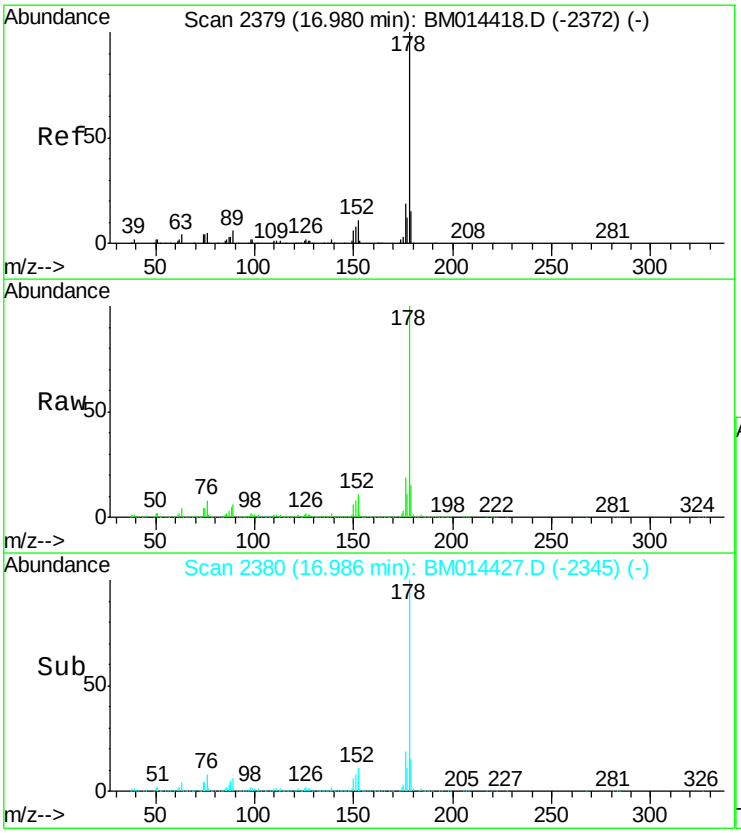
#58
Fluorene
Concen: 6.146 ng/ul
RT: 15.23 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

Tgt Ion:166 Resp: 238130

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.9	116.9
167	14.9	10.6	16.0

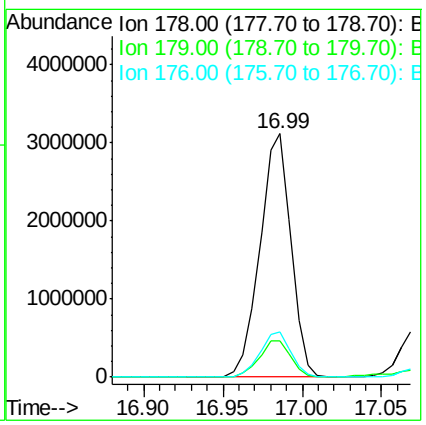


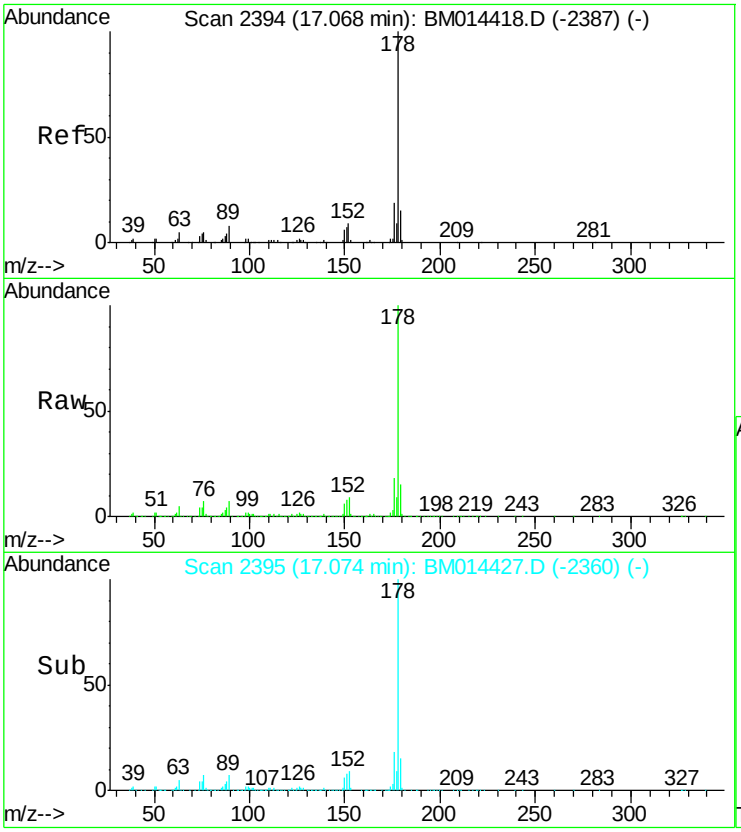


#69
Phenanthrene
Concen: 78.410 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion:178 Resp: 4253840

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	19.0
176	18.8	14.9	22.3



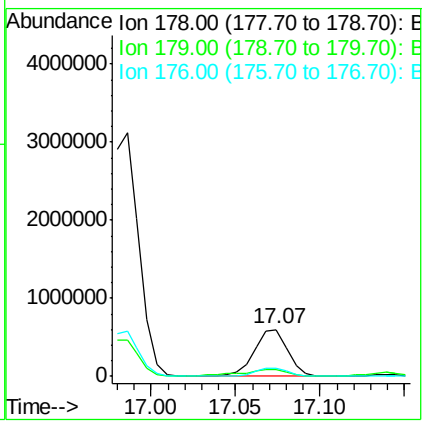


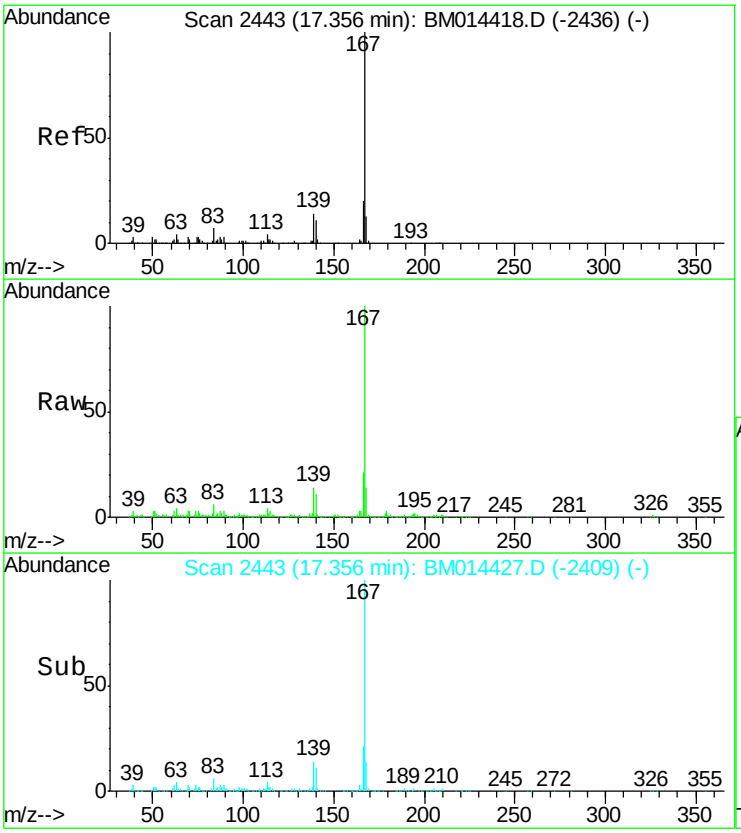
#71
Anthracene
Concen: 15.160 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

Tgt Ion:178 Resp: 827122

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	18.2	14.6	21.8

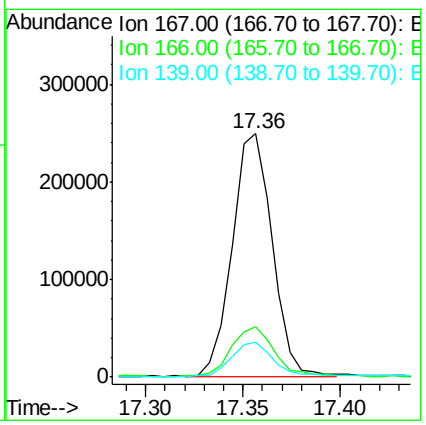


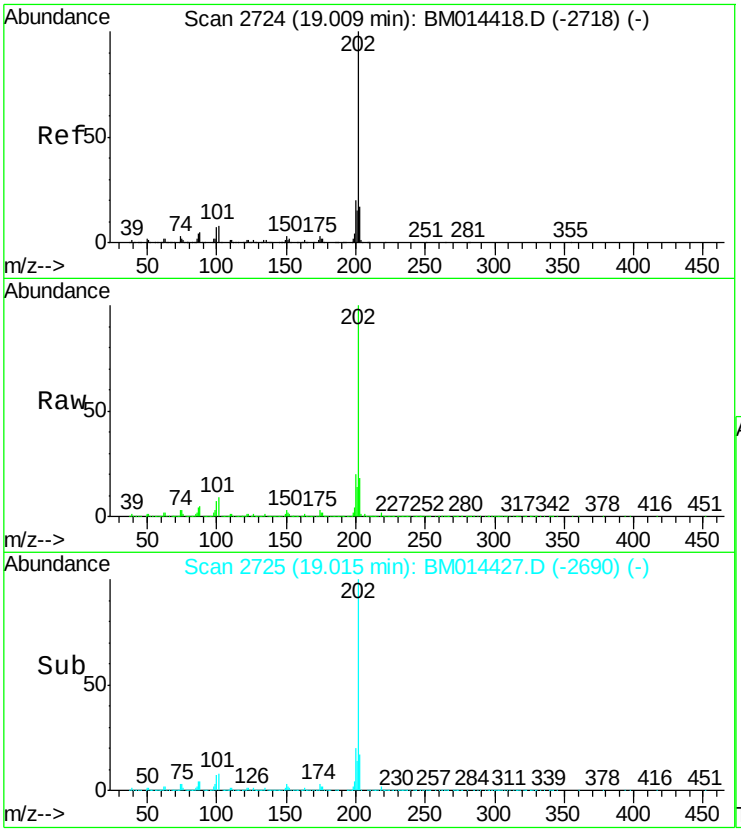


#72
Carbazole
Concen: 7.645 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion:167 Resp: 350744

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.1	25.7
139	14.3	10.0	15.0



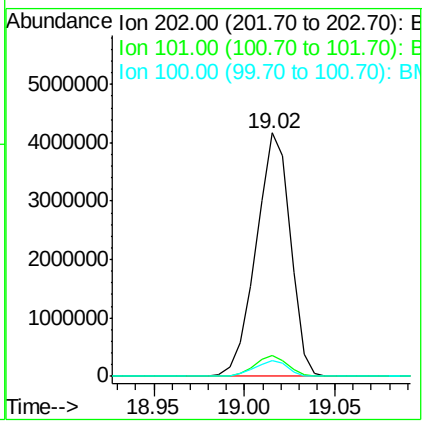


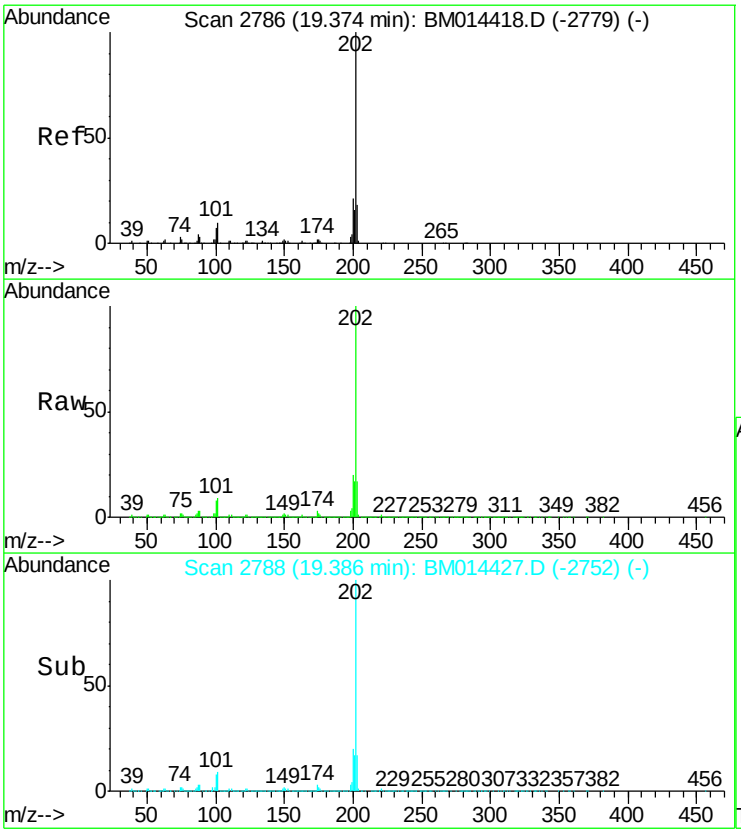
#74
Fluoranthene
Concen: 84.301 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

Tgt Ion:202 Resp: 5464000

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	6.6	3.4	5.2#

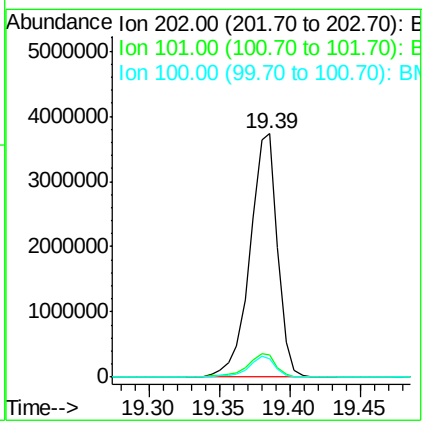


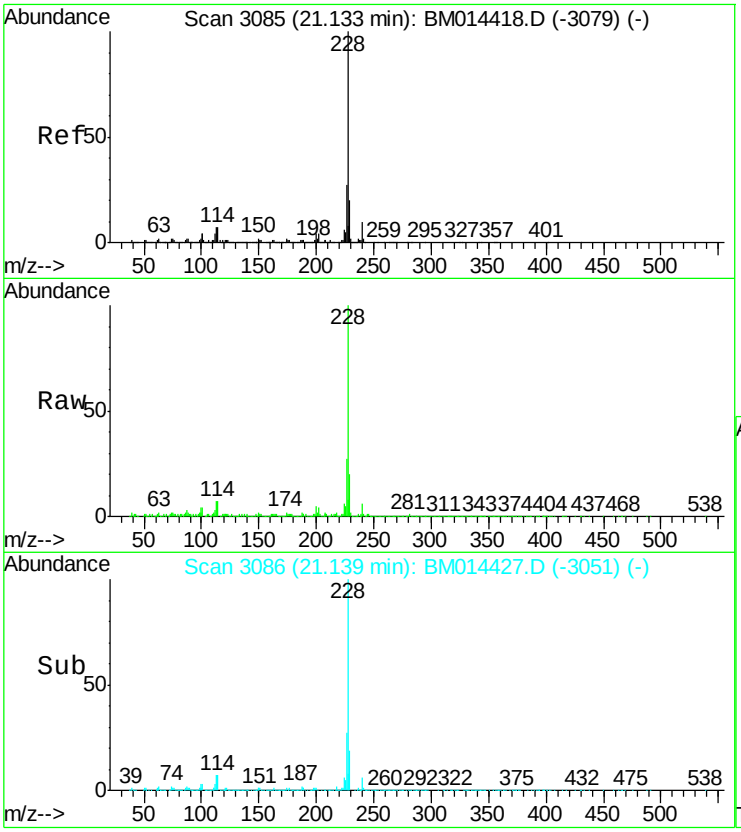


#77
Pyrene
Concen: 81.944 ng/ul
RT: 19.39 min Scan# 2788
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion:202 Resp: 5121005

Ion	Ratio	Lower	Upper
202	100		
101	9.2	5.1	7.7#
100	7.6	4.9	7.3#



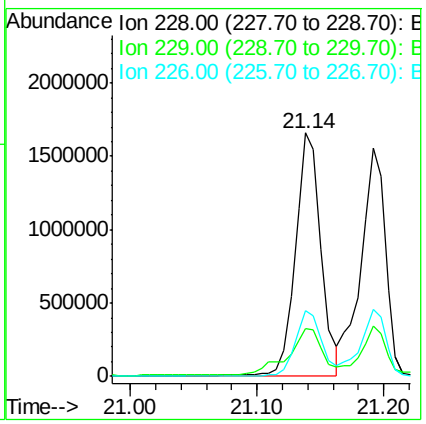


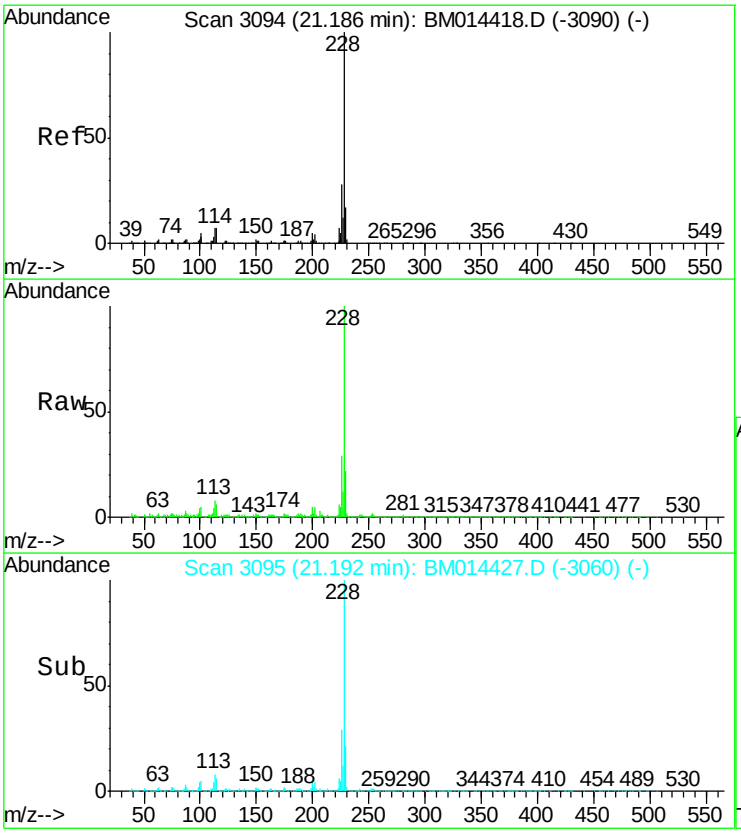
#80
Benzo(a)anthracene
Concen: 39.491 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

Tgt Ion:228 Resp: 2317664

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.4	23.0
226	27.0	21.4	32.0

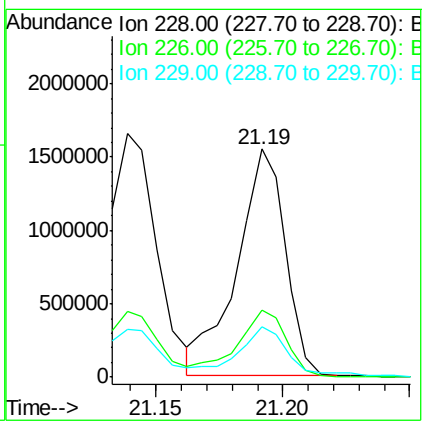


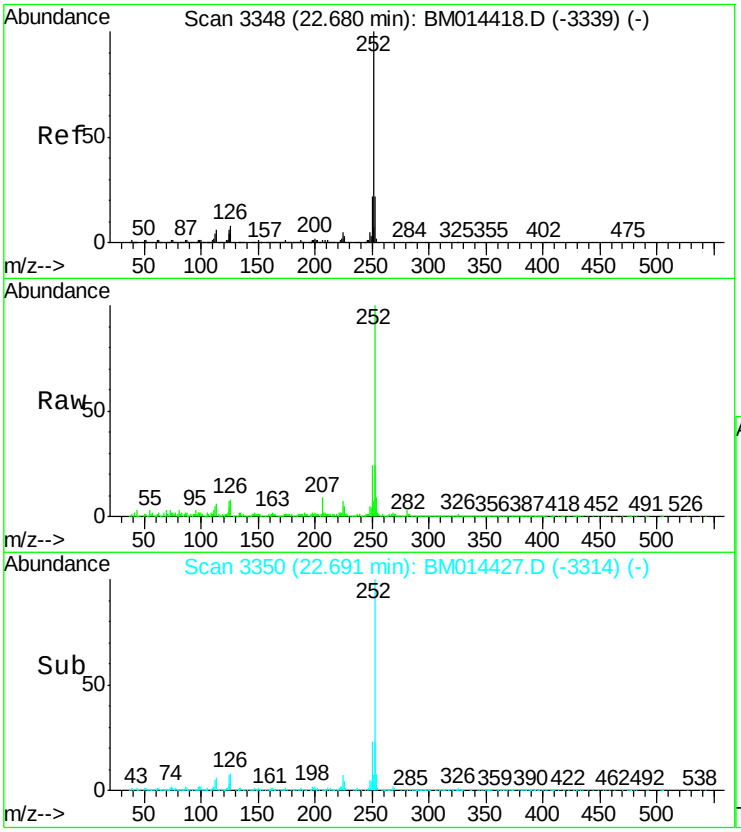


#82
Chrysene
Concen: 37.441 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion:228 Resp: 2049827

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.4	35.2
229	21.9	15.5	23.3



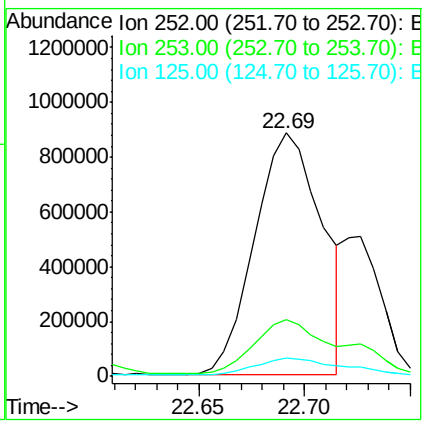


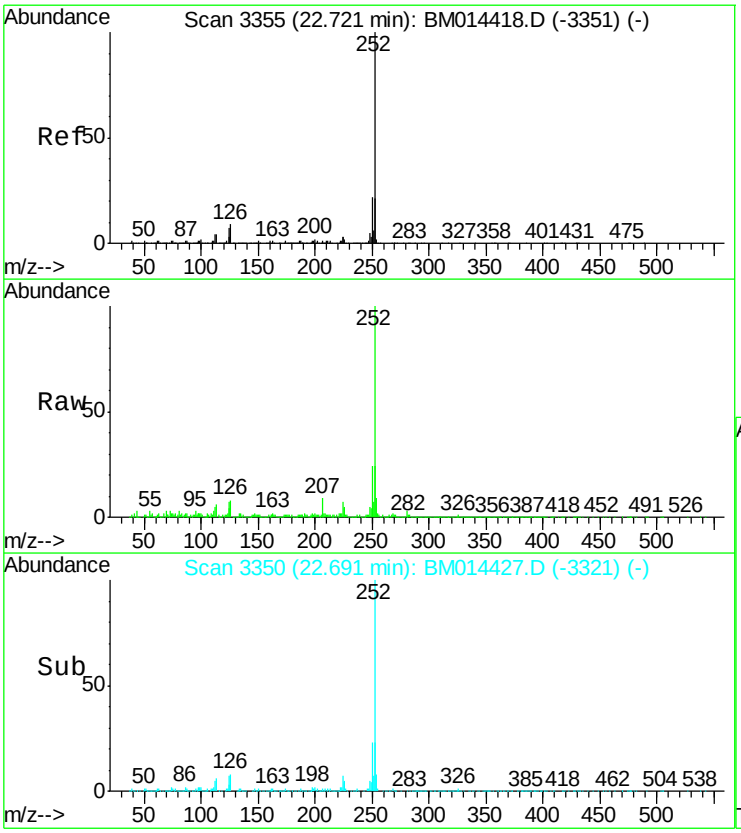
#85
Benzo(b)fluoranthene
Concen: 41.397 ng/ul
RT: 22.69 min Scan# 3350
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

Tgt Ion:252 Resp: 1951078

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	7.4	3.6	5.4#

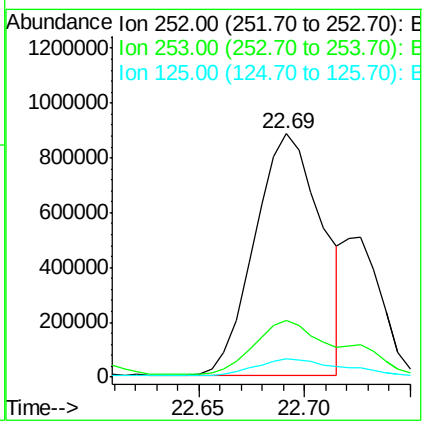


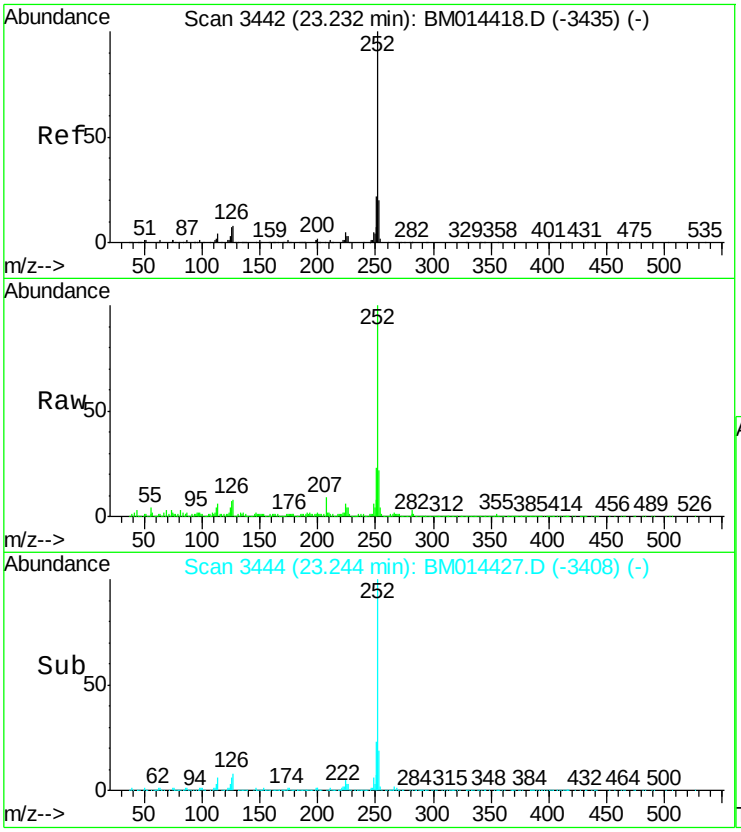


#86
Benzo(k)fluoranthene
Concen: 43.541 ng/ul
RT: 22.69 min Scan# 3350
Delta R.T. -0.03 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion:252 Resp: 1951078

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	7.4	3.4	5.2#



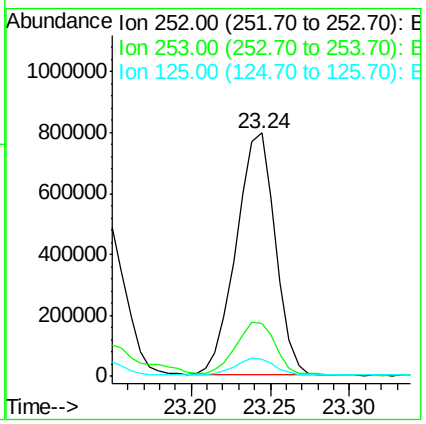


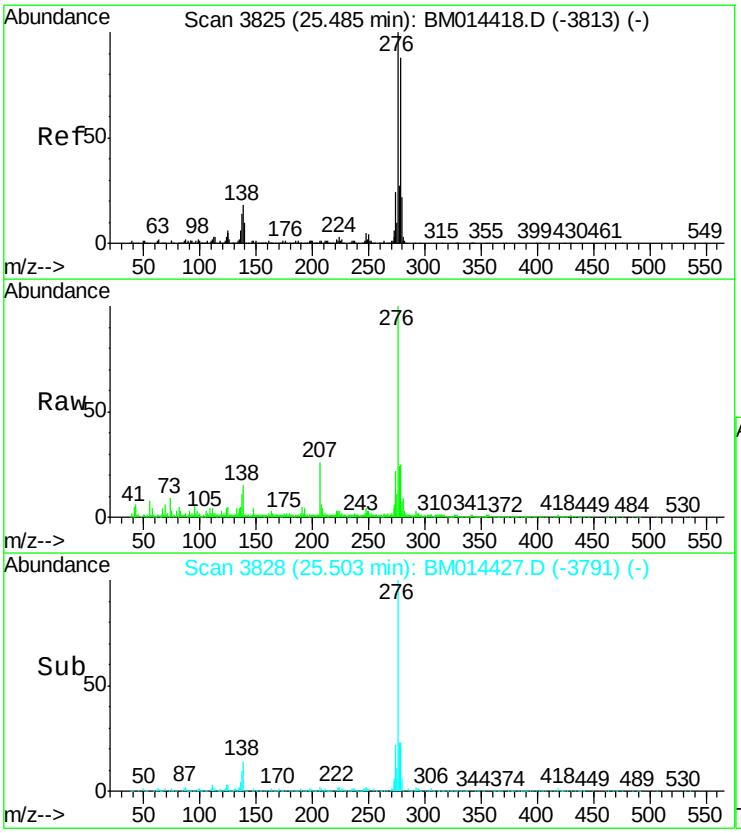
#88
Benzo(a)pyrene
Concen: 32.391 ng/ul
RT: 23.24 min Scan# 3444
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

Tgt Ion:252 Resp: 1364187

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	7.2	4.0	6.0#

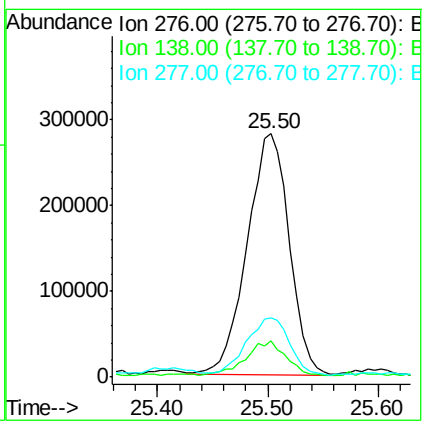


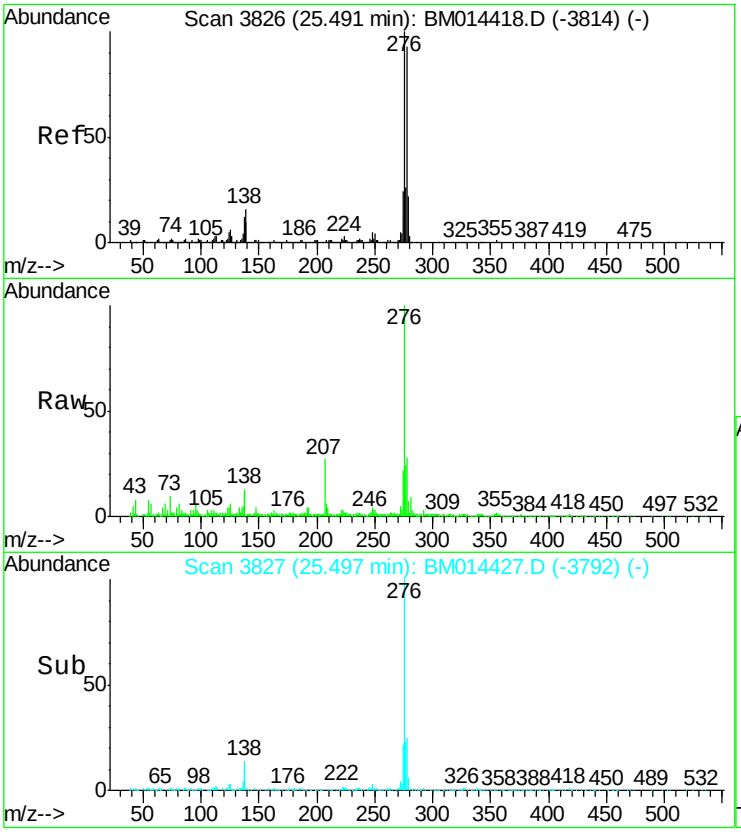


#89
Indeno(1,2,3-cd)pyrene
Concen: 18.441 ng/ul
RT: 25.50 min Scan# 3828
Delta R.T. 0.02 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion:276 Resp: 753649

Ion	Ratio	Lower	Upper
276	100		
138	14.6	9.3	13.9#
277	24.1	19.9	29.9



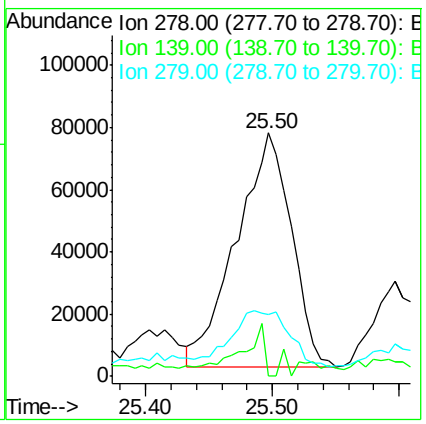


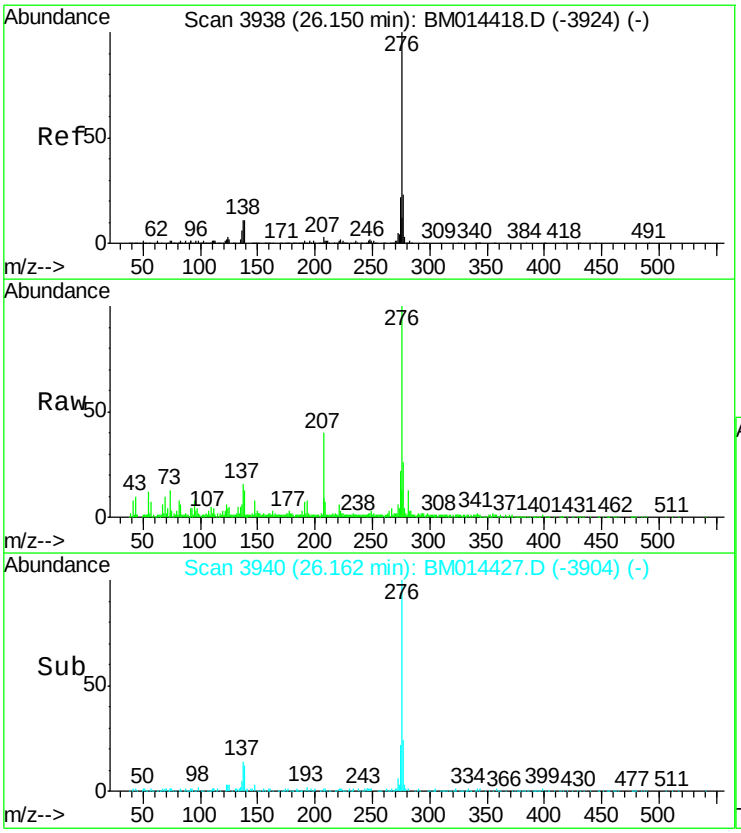
#90
Dibenzo(a,h)anthracene
Concen: 6.691 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

Tgt Ion:278 Resp: 227225

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	25.3	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 17.199 ng/ul
RT: 26.16 min Scan# 3940
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion:276 Resp: 569417

Ion	Ratio	Lower	Upper
276	100		
138	13.2	8.5	12.7#
277	25.5	18.6	28.0