Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014459.D
Acq On : 02 Mar 2018 13:31
Operator : SJ/JU
Sample : J1679-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 02 17:59:00 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 14:54:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	141478	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	621567	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	370504	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	779004	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	622922	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	491632	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	7986	2.42	ng/uL	0.00
5) Phenol-d5	6.73	99	198287	16.58	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	120702	16.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	161427	17.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	158920	15.19	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	81818	17.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	94707	19.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	157574	16.00	ng/ul	0.01
29) 4-Chloroaniline-d4	10.45	131	143176	14.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	534864	17.48	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	691314	18.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	52768	12.49	ng/ul	0.05
57) Fluorene-d10	15.18	176	441210	16.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	20424	4.37	ng/ul	0.02
70) Anthracene-d10	17.04	188	644165	17.14	ng/ul	0.00
76) Pyrene-d10	19.35	212	663968	20.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	399340	16.69	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.33	128	67649	2.119	ng/ul	99
30) 4-Chloroaniline	10.33	127	9972	1.008	ng/ul#	21
34) 2-Methylnaphthalene	11.97	142	26795	1.103	ng/ul	90
44) Dimethylphthalate	13.65	163	112779	3.738	ng/ul	98
47) Acenaphthylene	13.89	152	35889	1.006	ng/ul#	94
49) Acenaphthene	14.24	153	83727	3.334	ng/ul	93
53) Dibenzofuran	14.58	168	64130	1.703	ng/ul	92
58) Fluorene	15.24	166	100585	3.094	ng/ul	96
69) Phenanthrene	16.99	178	1376667	30.672	ng/ul	98
71) Anthracene	17.07	178	244022	5.406	ng/ul	97
72) Carbazole	17.36	167	149428	3.937	ng/ul#	95
74) Fluoranthene	19.02	202	1676607	31.266	ng/ul#	93
77) Pyrene	19.38	202	1428049	34.496	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	615841	15.841	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	26140	1.066	ng/ul	95
82) Chrysene	21.20	228	563666	15.542	ng/ul	95
85) Benzo(b)fluoranthene	22.70	252	573725	17.428	ng/ul#	97
86) Benzo(k)fluoranthene	22.70	252	573725	18.331	ng/ul#	96
88) Benzo(a)pyrene	23.25	252	387983	13.189	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.52	276	226829	7.946	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.51	278	66672	2.811	ng/ul#	83
91) Benzo(g,h,i)perylene	26.19	276	207720	8.983	ng/ul#	96

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014459.D
Acq On : 02 Mar 2018 13:31
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Sample : J1679-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 02 17:59:00 2018
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 14:54:45 2018
Response via : Initial Calibration

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

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014459.D
Acq On : 02 Mar 2018 13:31
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Misc :
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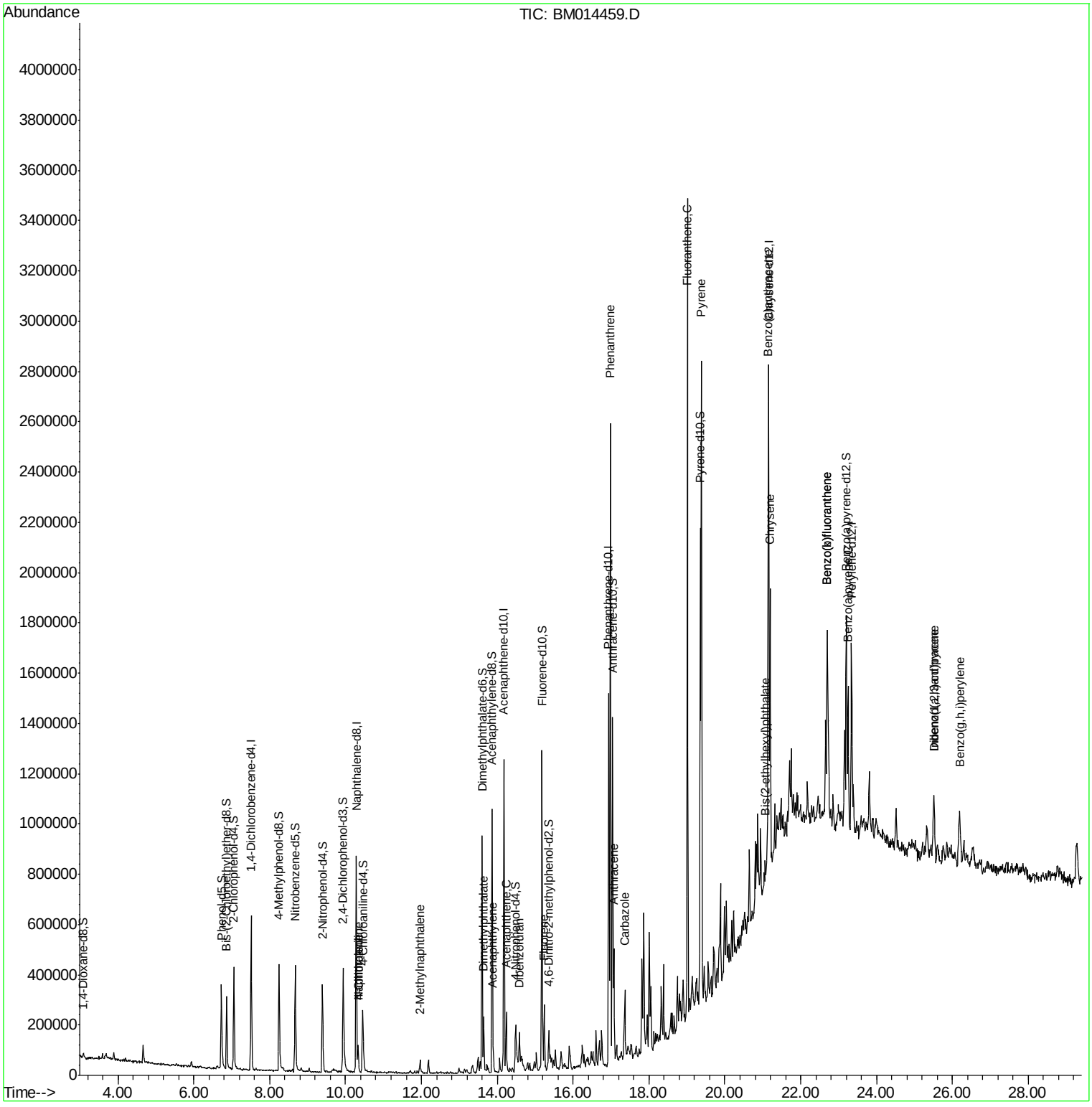
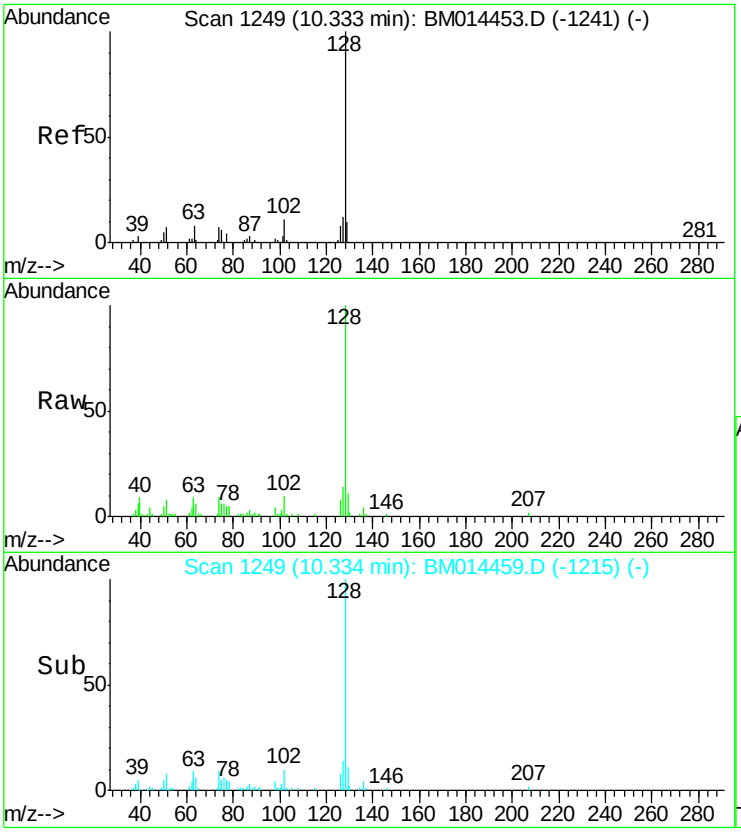
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 14:54:45 2018
Response via : Initial Calibration



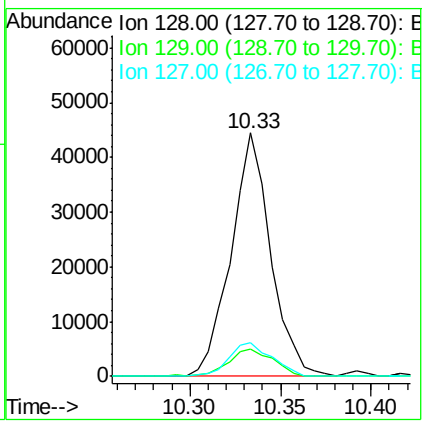


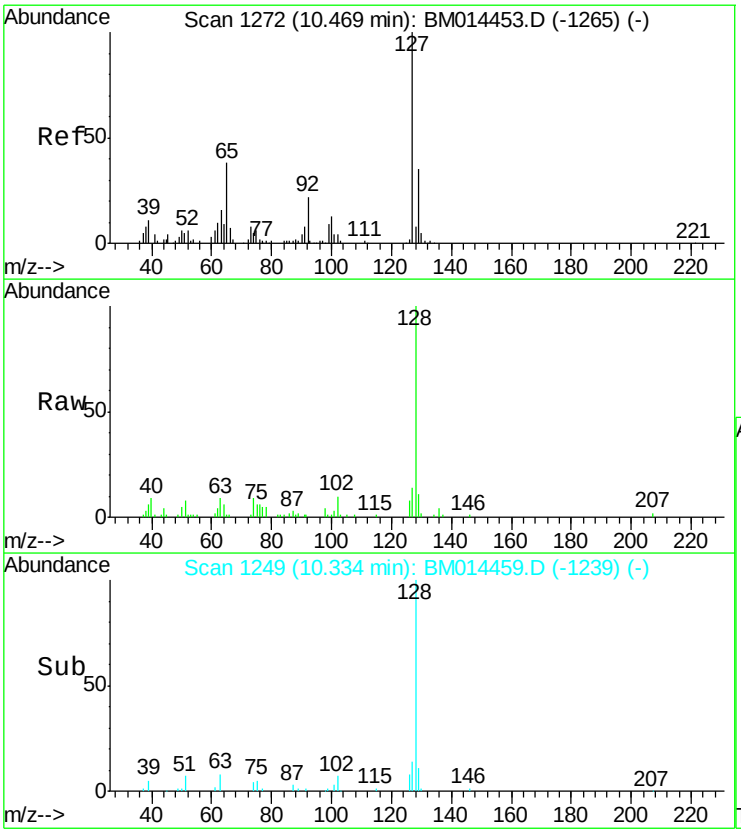
#28
Naphthalene
Concen: 2.119 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 67649

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.8	10.6	16.0

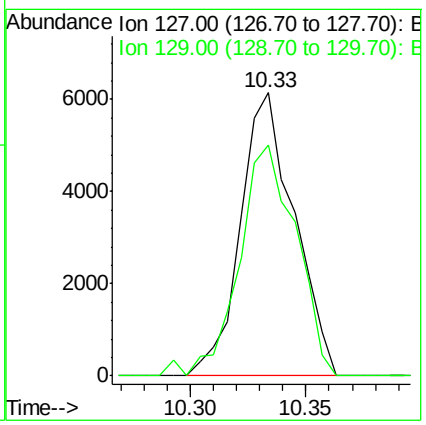


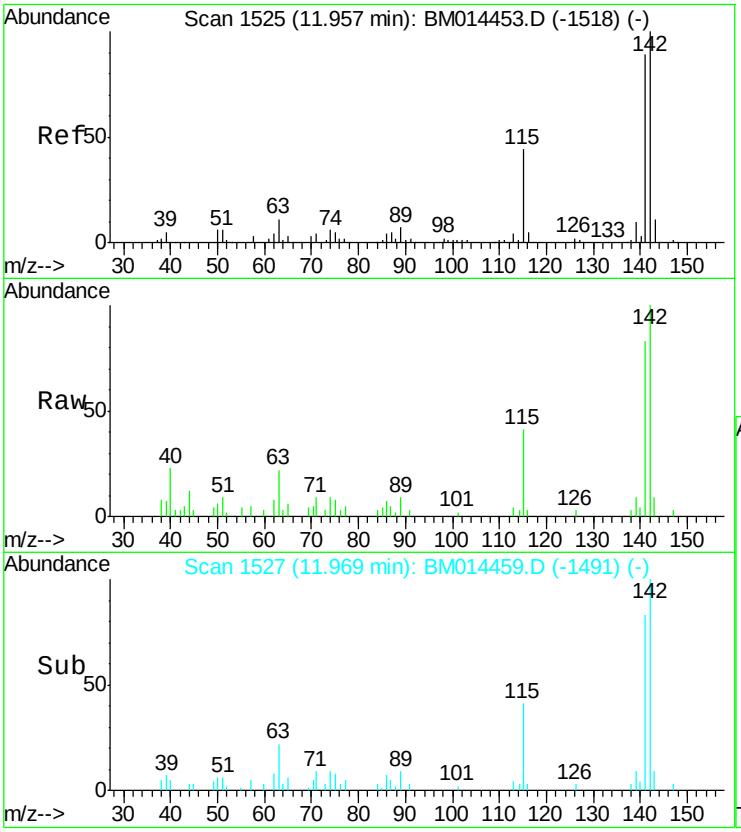


#30
4-Chloroaniline
Concen: 1.008 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. -0.14 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion:127 Resp: 9972

Ion	Ratio	Lower	Upper
127	100		
129	81.5	28.4	42.6#



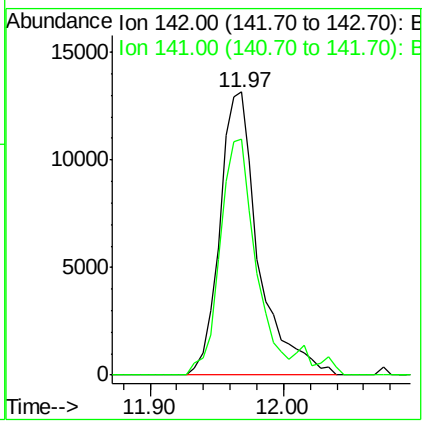


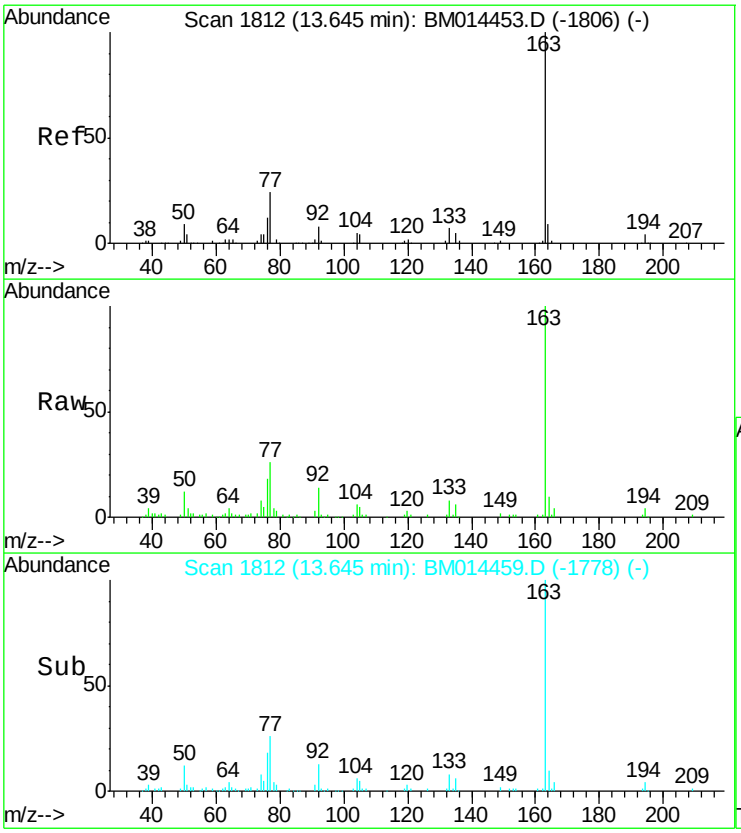
#34
2-Methylnaphthalene
Concen: 1.103 ng/ul
RT: 11.97 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 26795

Ion	Ratio	Lower	Upper
142	100		
141	83.3	74.1	111.1

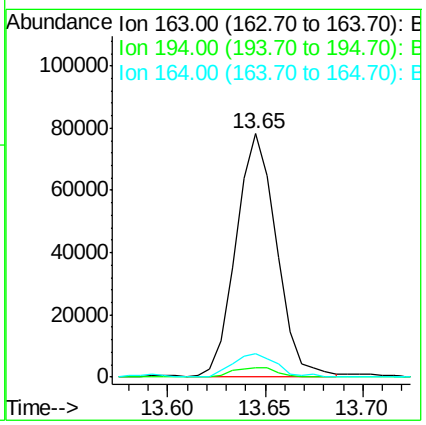


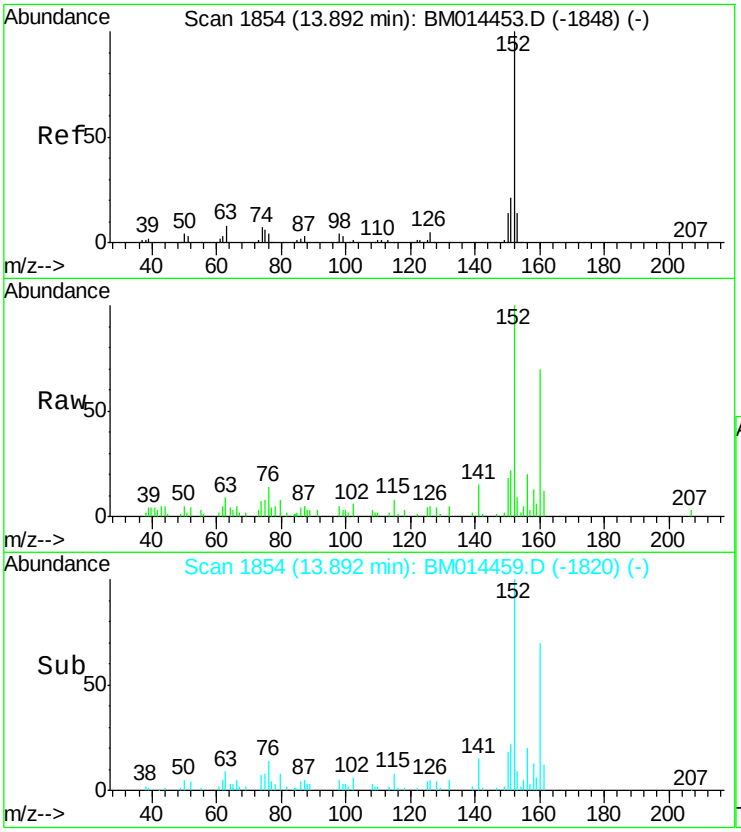


#44
Dimethylphthalate
Concen: 3.738 ng/ul
RT: 13.65 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion:163 Resp: 112779

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.6	8.2	12.4



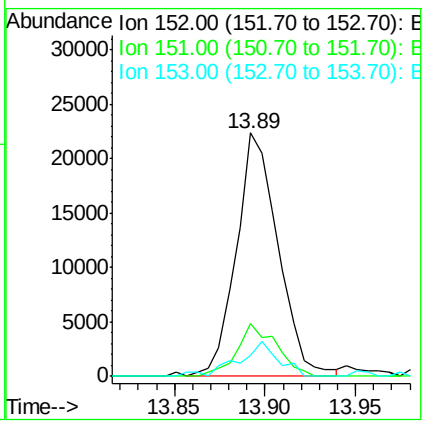


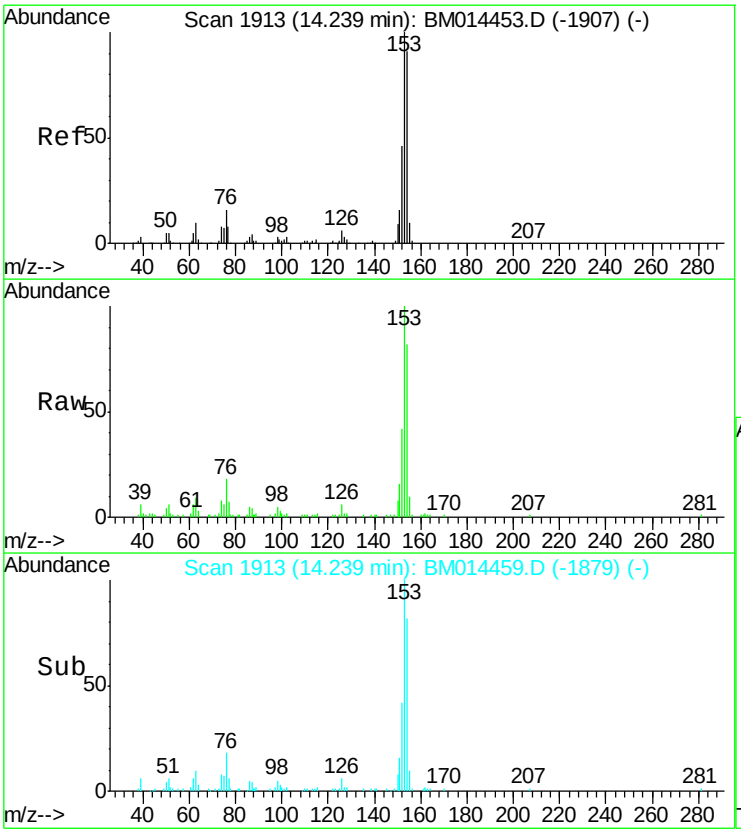
#47
Acenaphthylene
Concen: 1.006 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 35889

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.3	24.5
153	8.8	10.2	15.4#

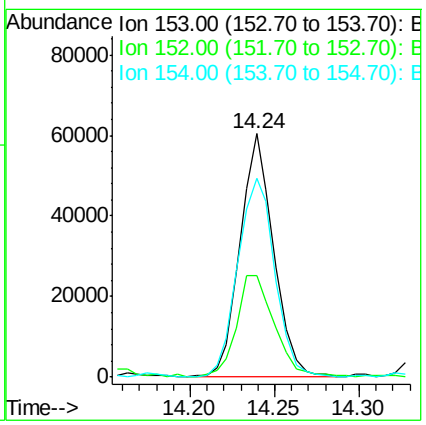


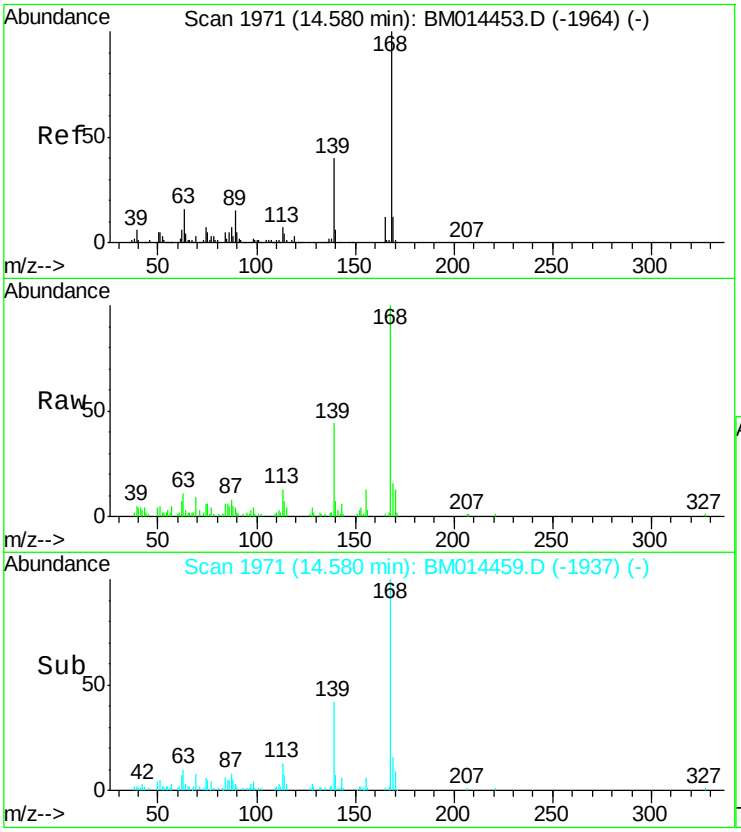


#49
Acenaphthene
Concen: 3.334 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion:153 Resp: 83727

Ion	Ratio	Lower	Upper
153	100		
152	41.6	37.6	56.4
154	81.5	70.4	105.6



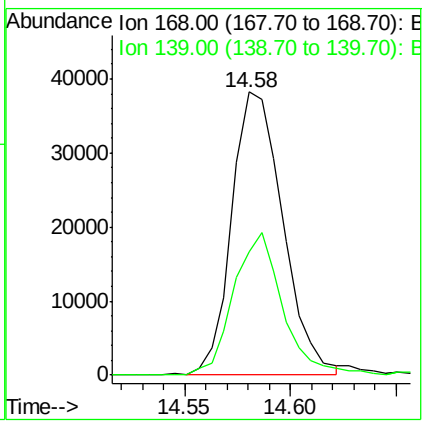


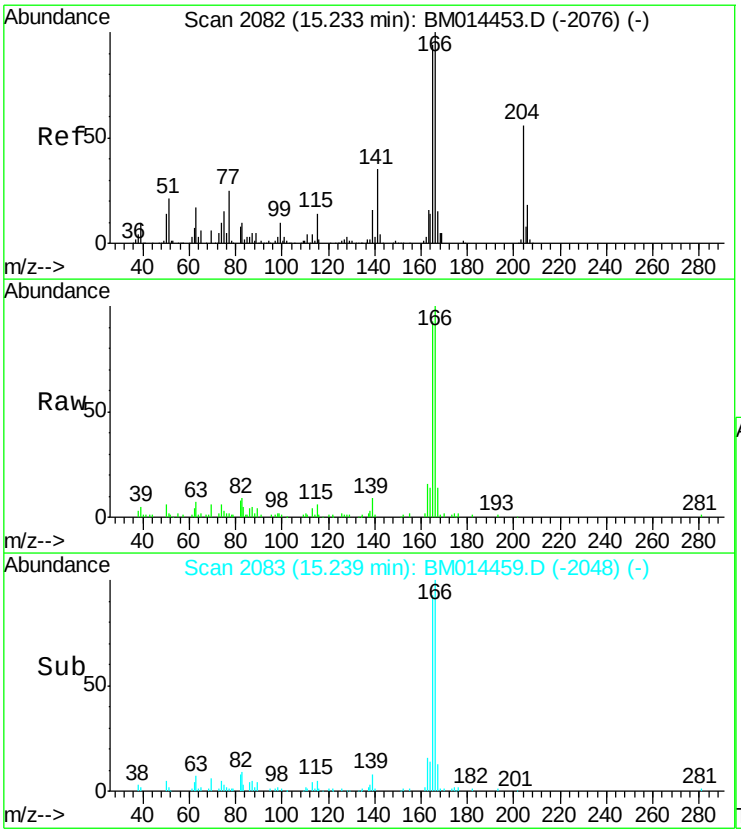
#53
Dibenzofuran
Concen: 1.703 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 64130

Ion	Ratio	Lower	Upper
168	100		
139	43.6	30.8	46.2

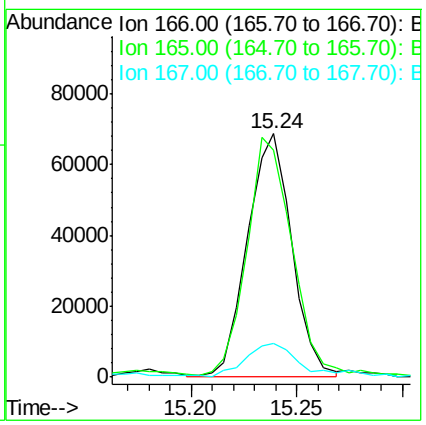


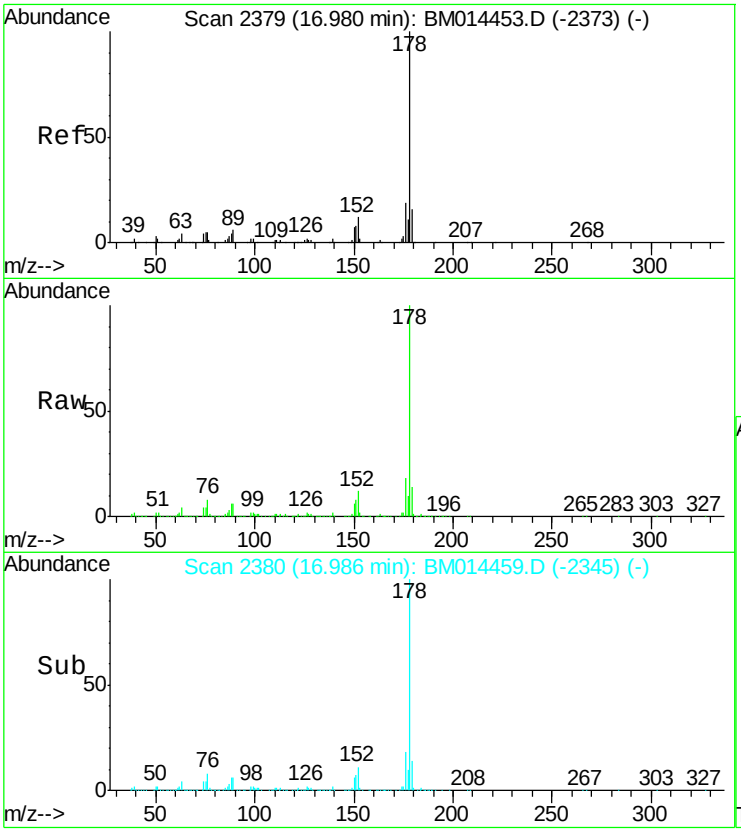


#58
Fluorene
Concen: 3.094 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion:166 Resp: 100585

Ion	Ratio	Lower	Upper
166	100		
165	93.3	77.9	116.9
167	13.8	10.6	16.0



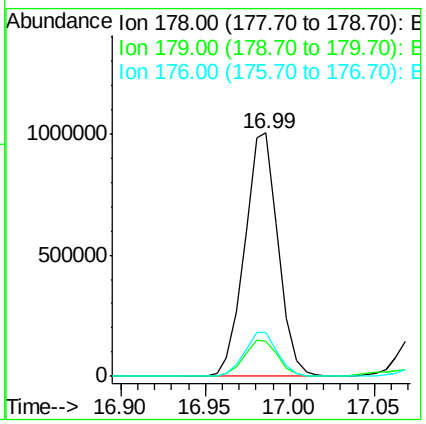


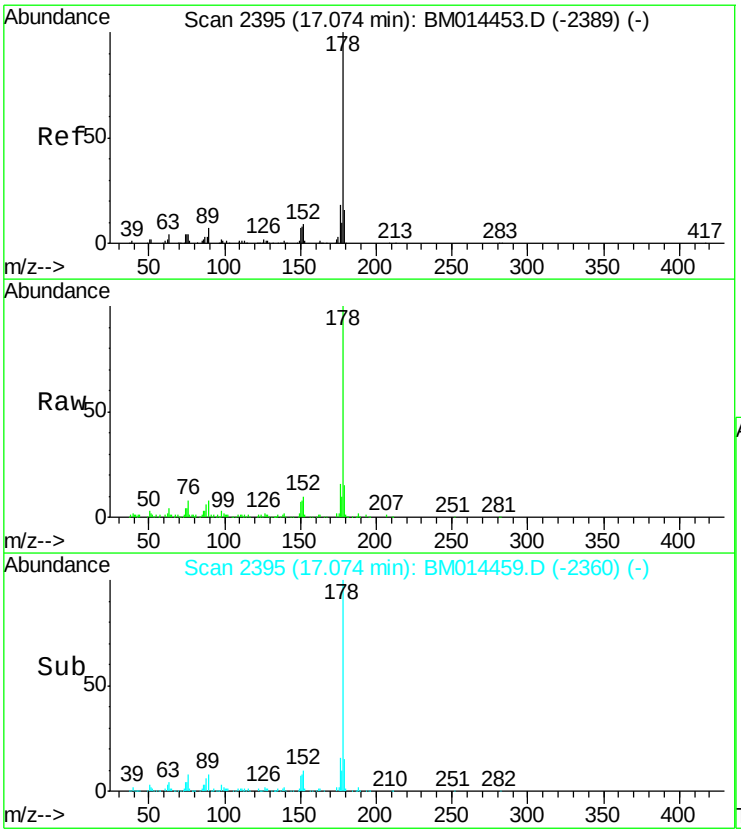
#69
Phenanthrene
Concen: 30.672 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1376667

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.6	19.0
176	17.9	14.9	22.3

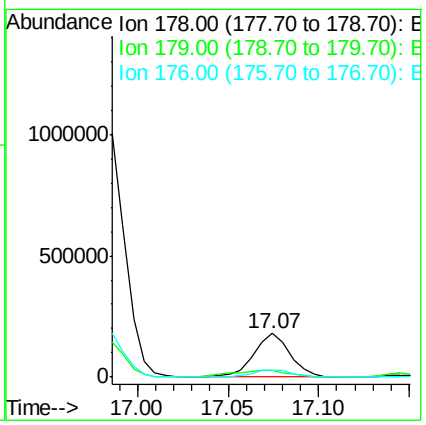


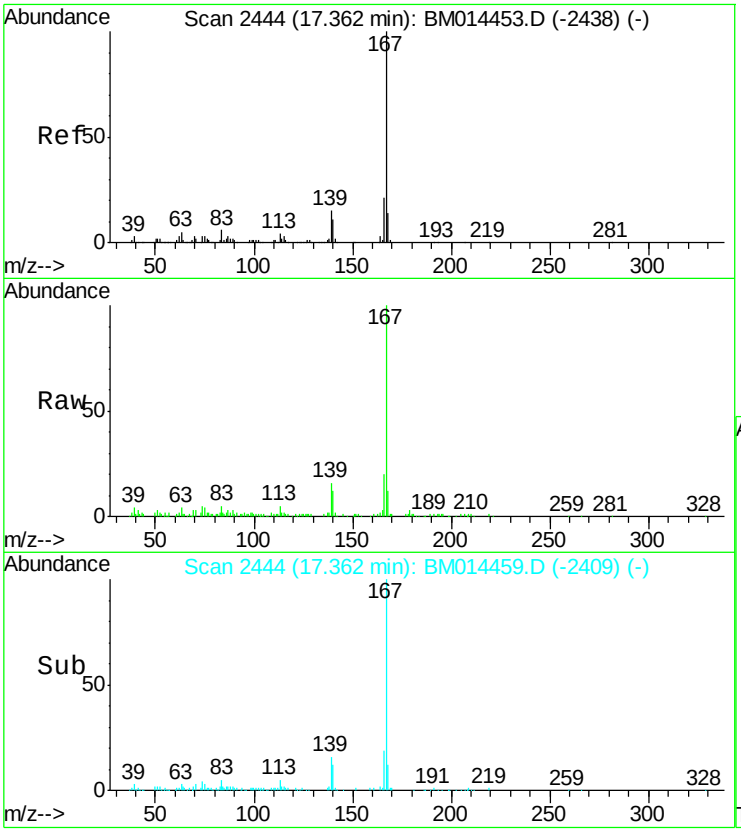


#71
Anthracene
Concen: 5.406 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.01 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion:178 Resp: 244022

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	16.4	14.6	21.8



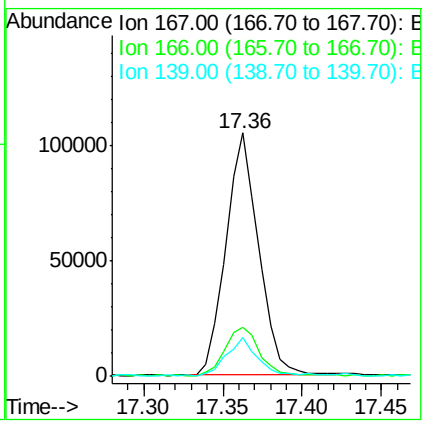


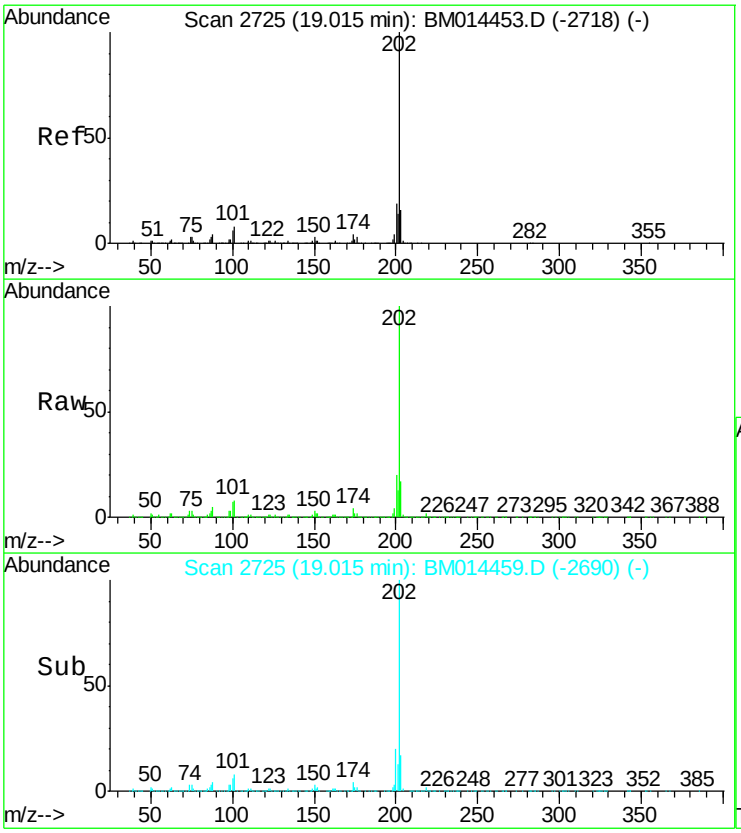
#72
Carbazole
Concen: 3.937 ng/ul
RT: 17.36 min Scan# 2444
Delta R.T. 0.01 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 149428

Ion	Ratio	Lower	Upper
167	100		
166	19.9	17.1	25.7
139	15.7	10.0	15.0#

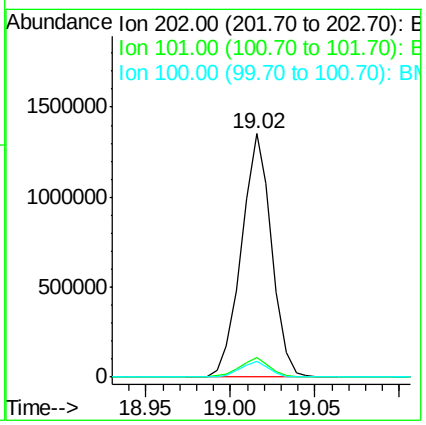


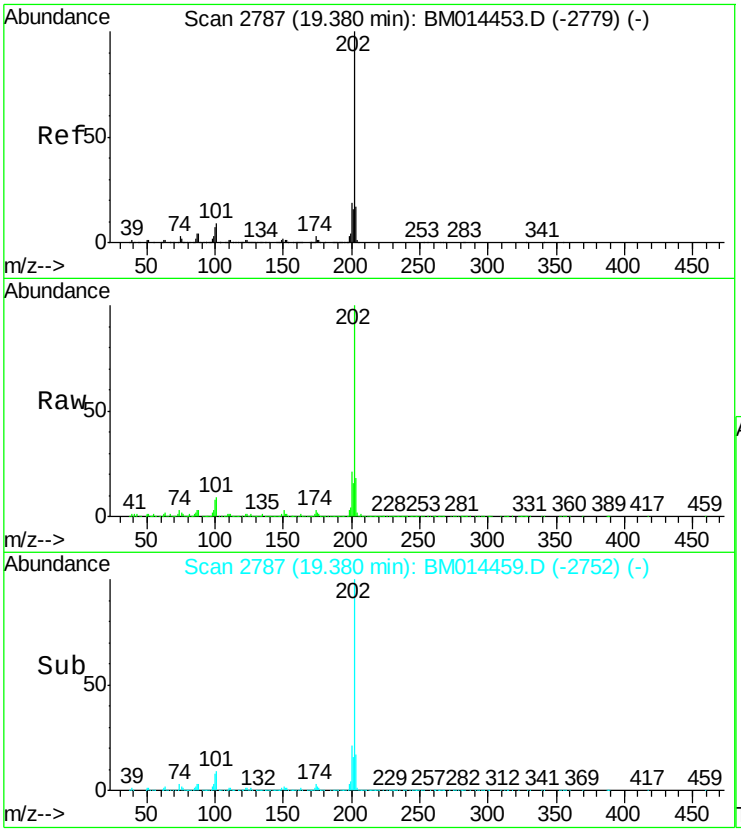


#74
Fluoranthene
Concen: 31.266 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion:202 Resp: 1676607

Ion	Ratio	Lower	Upper
202	100		
101	8.1	4.6	7.0#
100	6.5	3.4	5.2#



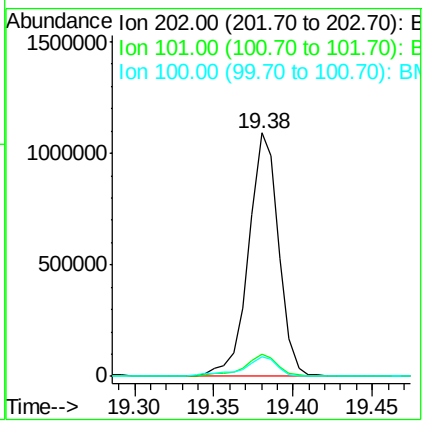


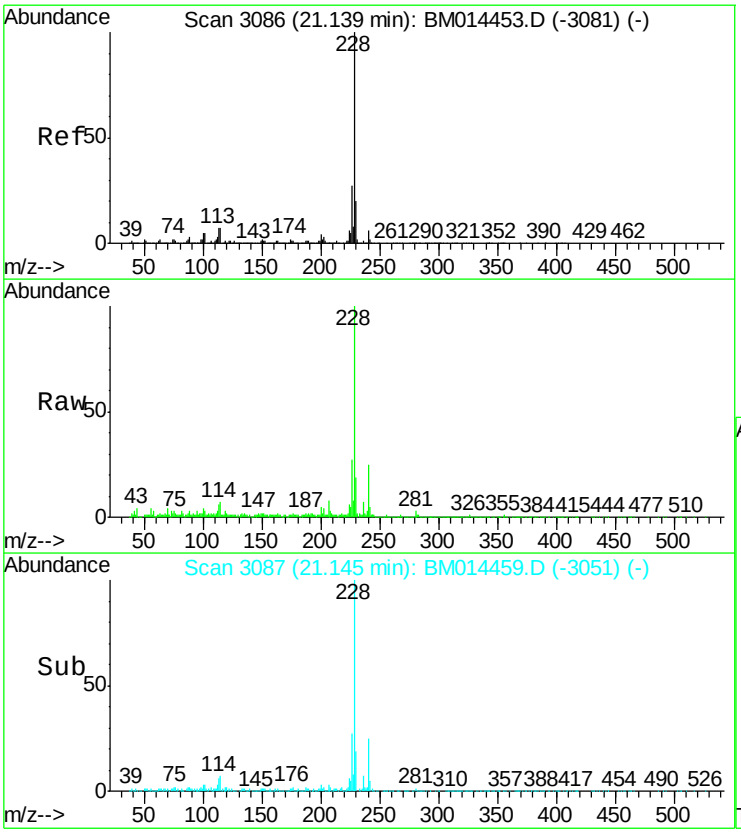
#77
Pyrene
Concen: 34.496 ng/ul
RT: 19.38 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1428049

Ion	Ratio	Lower	Upper
202	100		
101	9.1	5.1	7.7#
100	7.8	4.9	7.3#

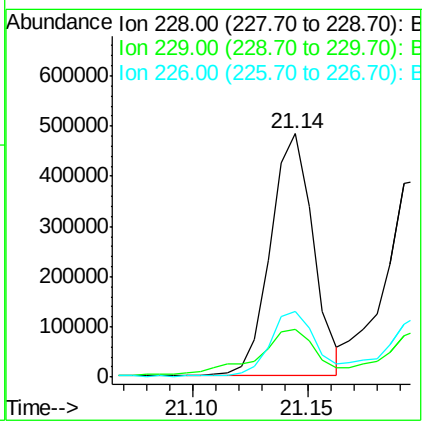


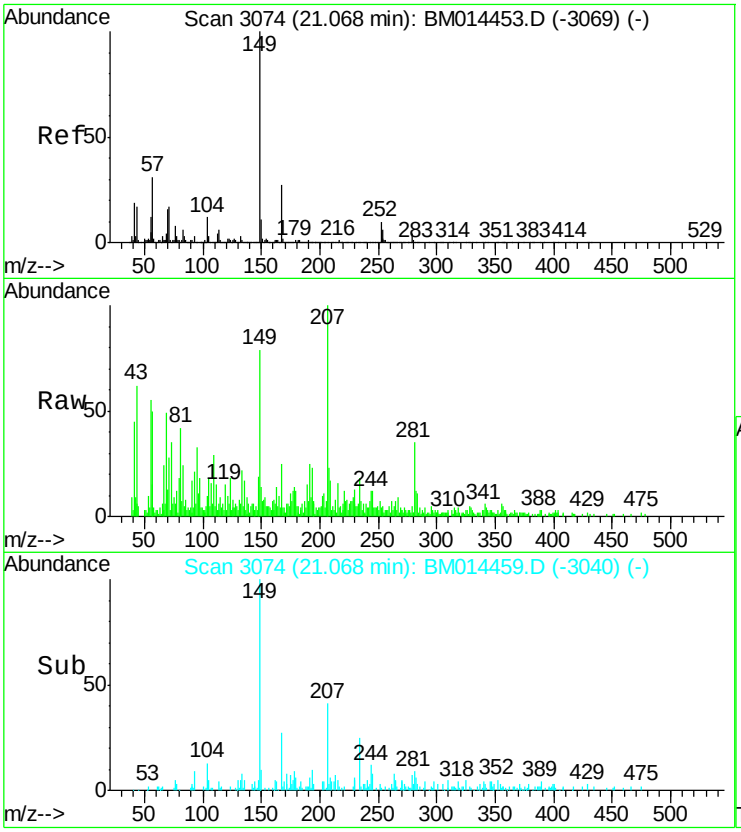


#80
Benzo(a)anthracene
Concen: 15.841 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion:228 Resp: 615841

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.4	23.0
226	27.1	21.4	32.0



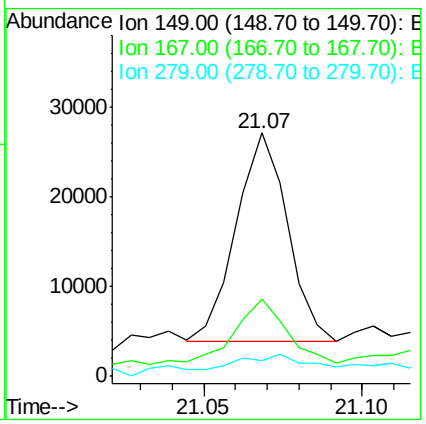


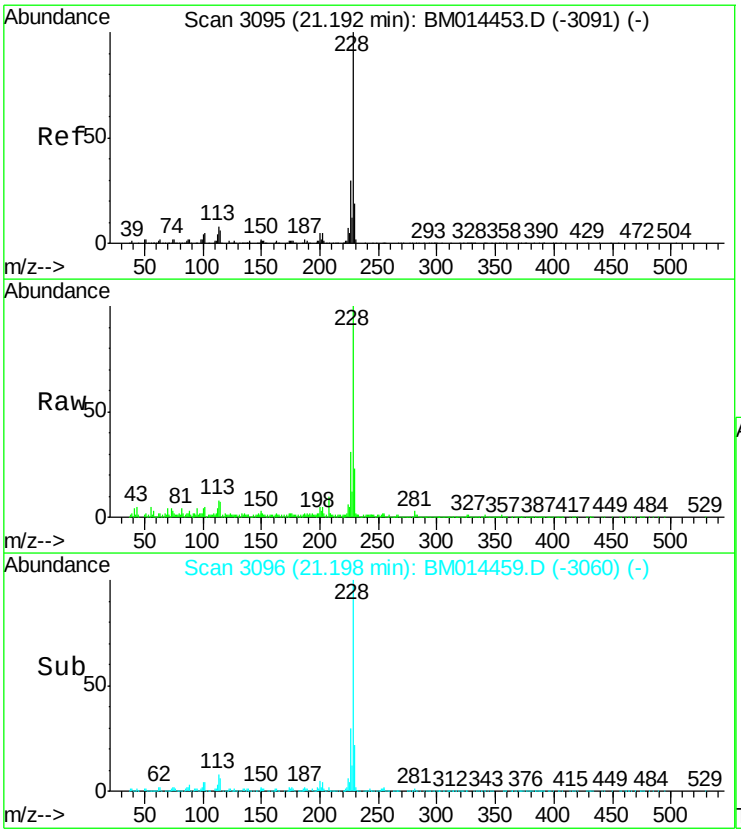
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.066 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. 0.00 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 26140

Ion	Ratio	Lower	Upper
149	100		
167	31.6	22.8	34.2
279	6.3	4.9	7.3

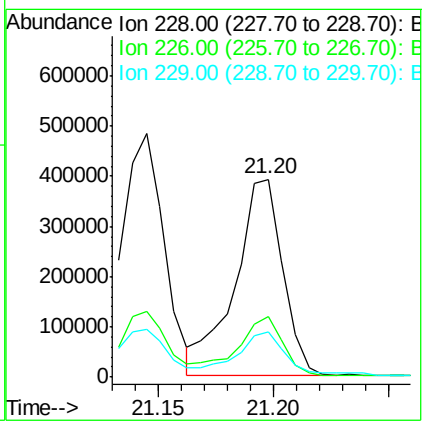


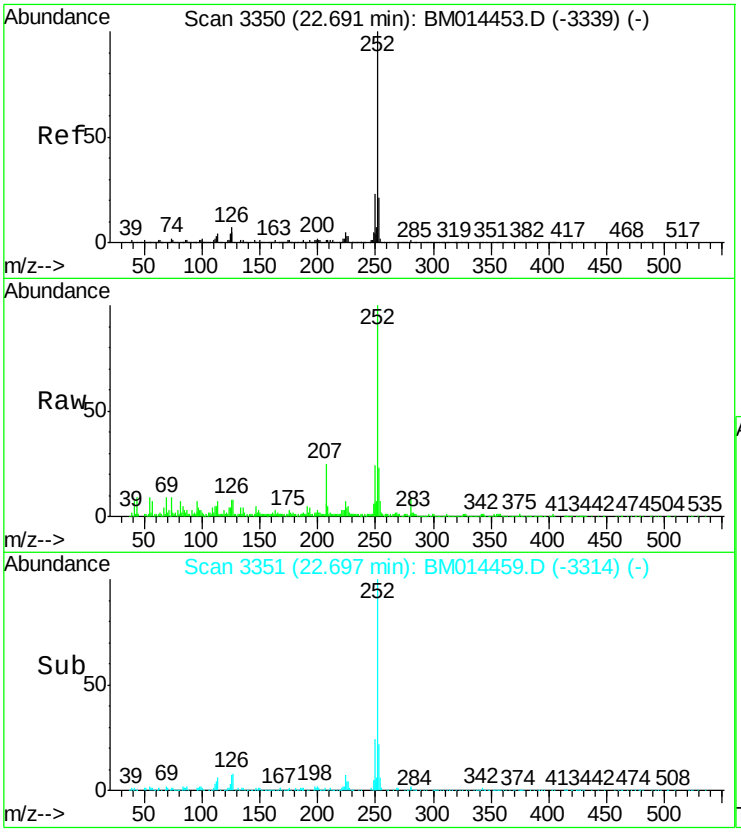


#82
Chrysene
Concen: 15.542 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion:228 Resp: 563666

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	23.0	15.5	23.3



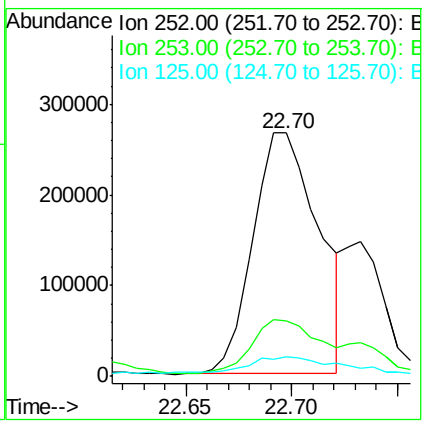


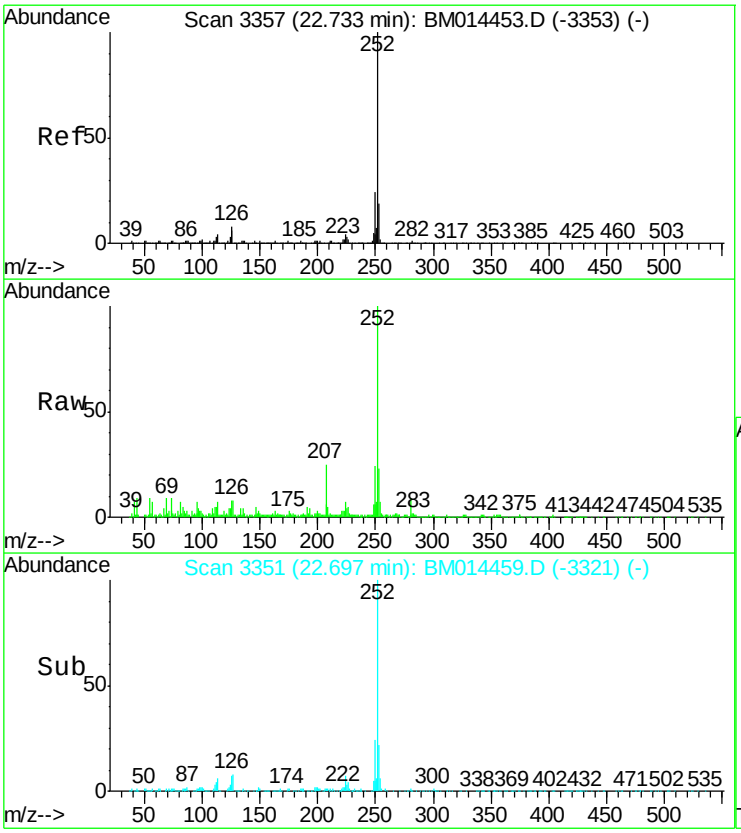
#85
Benzo(b)fluoranthene
Concen: 17.428 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. 0.02 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 573725

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	8.3	3.6	5.4#

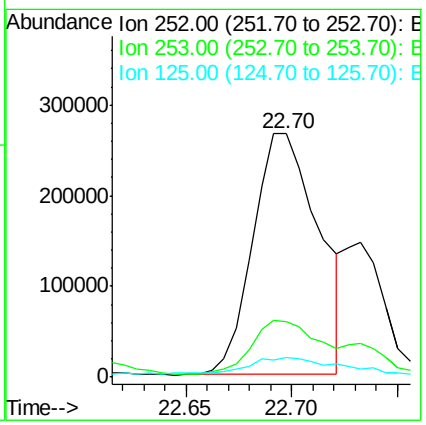


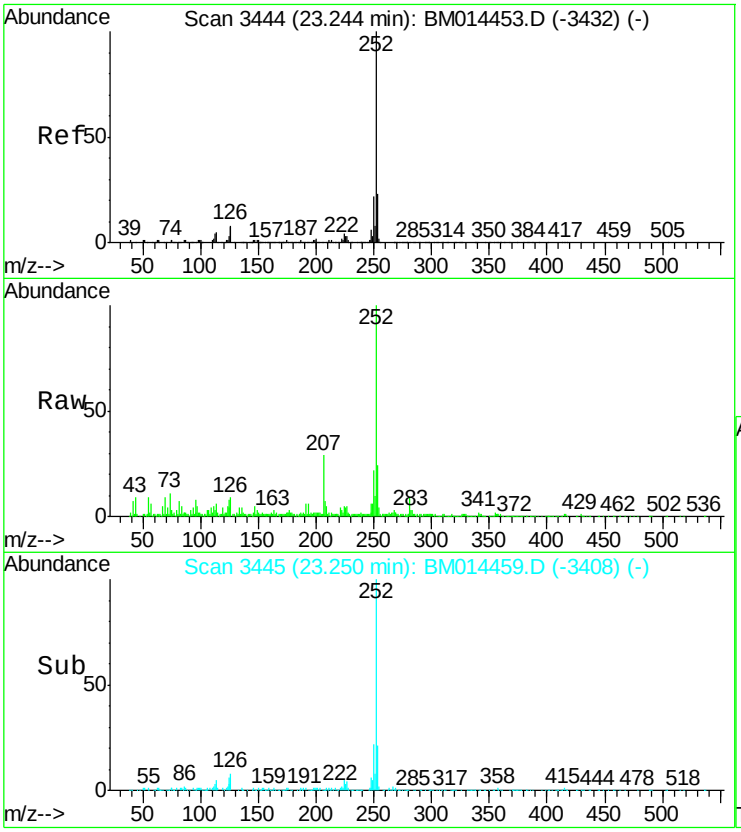


#86
Benzo(k)fluoranthene
Concen: 18.331 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. -0.02 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion:252 Resp: 573725

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	8.3	3.4	5.2#



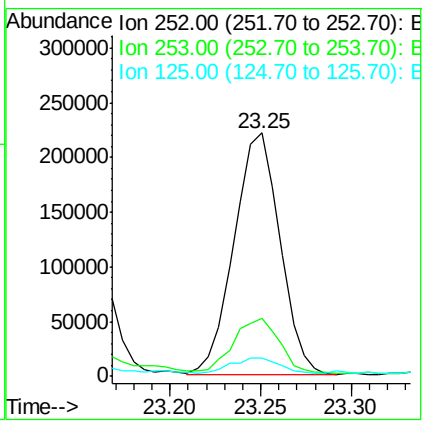


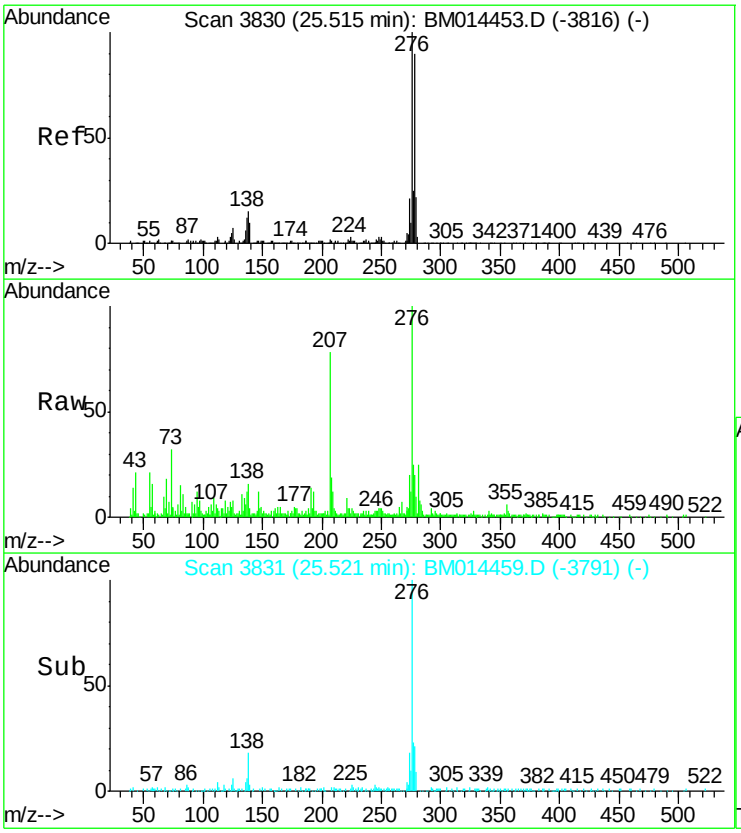
#88
Benzo(a)pyrene
Concen: 13.189 ng/ul
RT: 23.25 min Scan# 3445
Delta R.T. 0.02 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 387983

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	7.7	4.0	6.0#

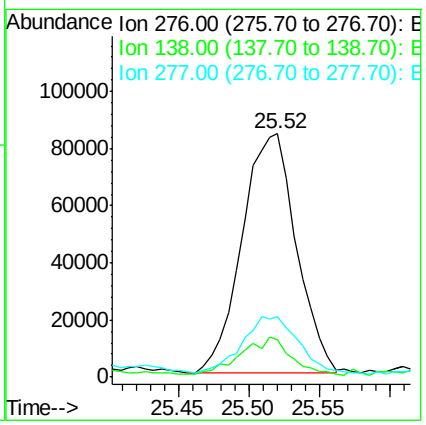


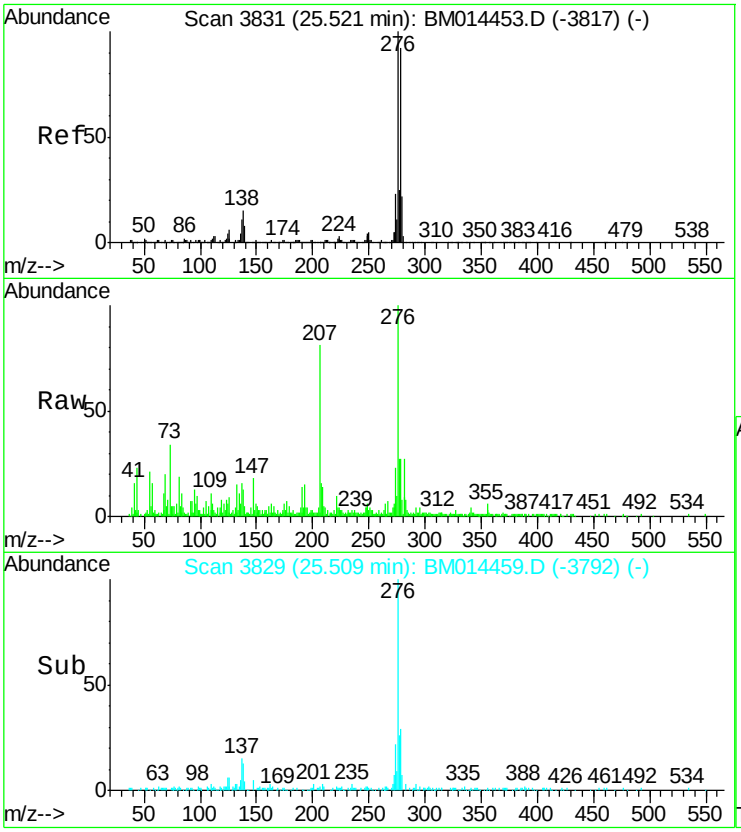


#89
Indeno(1,2,3-cd)pyrene
Concen: 7.946 ng/ul
RT: 25.52 min Scan# 3831
Delta R.T. 0.04 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion:276 Resp: 226829

Ion	Ratio	Lower	Upper
276	100		
138	15.7	9.3	13.9#
277	24.7	19.9	29.9



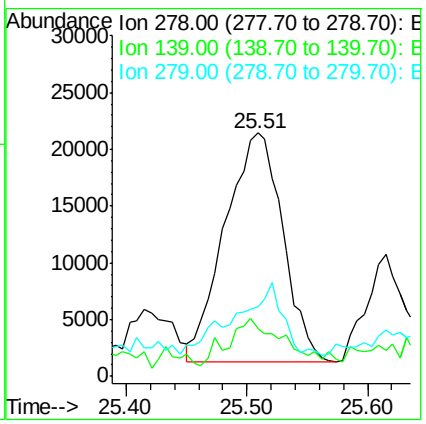


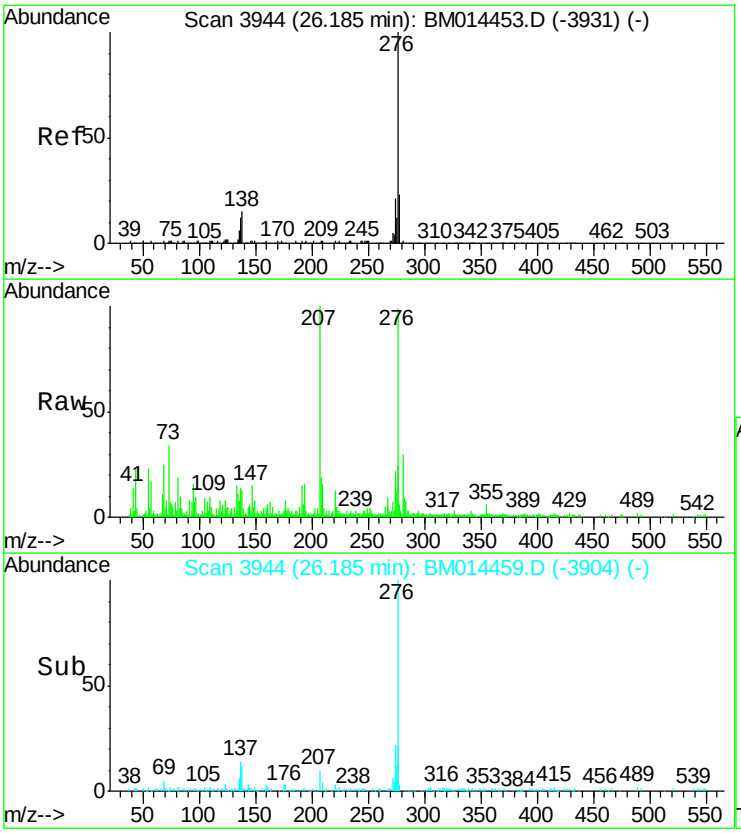
#90
Dibenzo(a,h)anthracene
Concen: 2.811 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. 0.02 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 66672

Ion	Ratio	Lower	Upper
278	100		
139	19.4	5.8	8.8#
279	28.8	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 8.983 ng/ul
RT: 26.19 min Scan# 3944
Delta R.T. 0.04 min
Lab File: BM014459.D
Acq: 02 Mar 2018 13:31

Tgt Ion:276 Resp: 207720

Ion	Ratio	Lower	Upper
276	100		
138	12.8	8.5	12.7#
277	24.7	18.6	28.0