Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014387.D
Acq On : 27 Feb 2018 17:49
Operator : SJ/JU
Sample : J1631-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 28 00:46:22 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	110991	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	465608	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	259367	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	533208	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	524211	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	513872	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	15043	5.80	ng/uL	0.00
5) Phenol-d5	6.73	99	256475	27.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	163818	28.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	221577	30.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	184740	22.51	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	112061	32.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	124153	34.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	215456	29.21	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	167495	23.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	699392	32.65	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	885897	33.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	59484	20.11	ng/ul	0.02
57) Fluorene-d10	15.19	176	596259	31.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	19605	6.13	ng/ul	0.01
70) Anthracene-d10	17.04	188	873701	33.96	ng/ul	0.00
76) Pyrene-d10	19.35	212	874262	32.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	808644	32.33	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	6.75	94	33554	3.409	ng/ul	95
14) Acetophenone	8.35	105	24459	1.727	ng/ul	85
28) Naphthalene	10.34	128	93688	3.918	ng/ul	98
34) 2-Methylnaphthalene	11.97	142	28530	1.567	ng/ul	96
44) Dimethylphthalate	13.65	163	323203	15.302	ng/ul	97
47) Acenaphthylene	13.90	152	126768	5.078	ng/ul	99
49) Acenaphthene	14.24	153	50388	2.866	ng/ul	93
53) Dibenzofuran	14.59	168	51834	1.967	ng/ul#	84
56) Diethylphthalate	15.02	149	27130	1.153	ng/ul#	83
58) Fluorene	15.24	166	64513	2.835	ng/ul#	94
69) Phenanthrene	16.99	178	1316848	42.864	ng/ul	100
71) Anthracene	17.07	178	368997	11.943	ng/ul	98
72) Carbazole	17.36	167	186788	7.190	ng/ul	97
74) Fluoranthene	19.02	202	2987952	81.407	ng/ul#	91
77) Pyrene	19.39	202	3426993	98.370	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	1715757	52.444	ng/ul	96
82) Chrysene	21.20	228	1785394	58.499	ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	3412642	99.182	ng/ul#	98
86) Benzo(k)fluoranthene	22.70	252	3412642	104.318	ng/ul#	96
88) Benzo(a)pyrene	23.26	252	2482549	80.741	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.53	276	1757618	58.909	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.51	278	455711	18.382	ng/ul#	83
91) Benzo(g,h,i)perylene	26.19	276	1313542	54.346	ng/ul#	94

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014387.D
Acq On : 27 Feb 2018 17:49
Operator : SJ/JU
Sample : J1631-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 28 00:46:22 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration

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

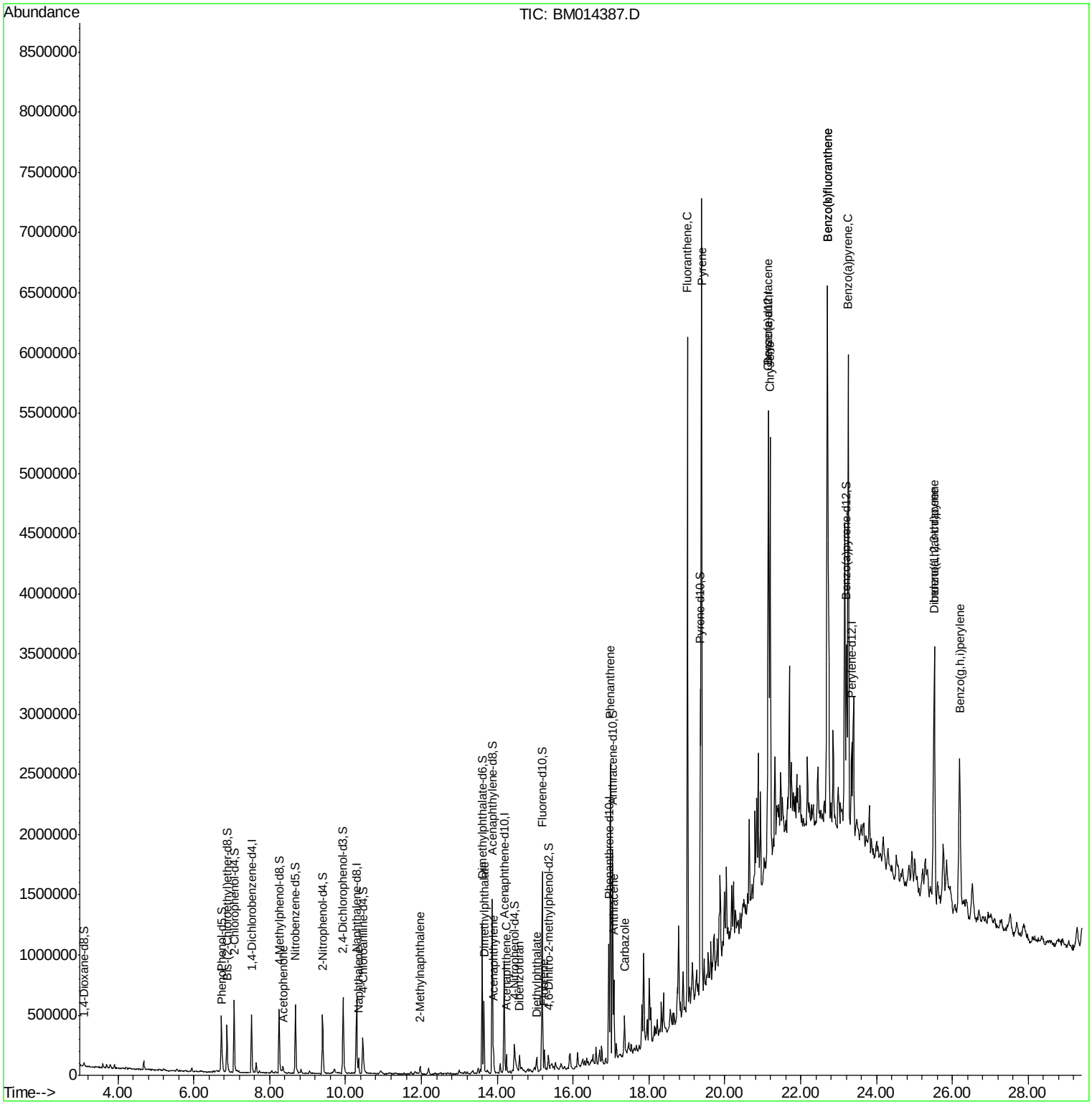
(#) = qualifier out of range (m) = manual integration (+) = signals summed

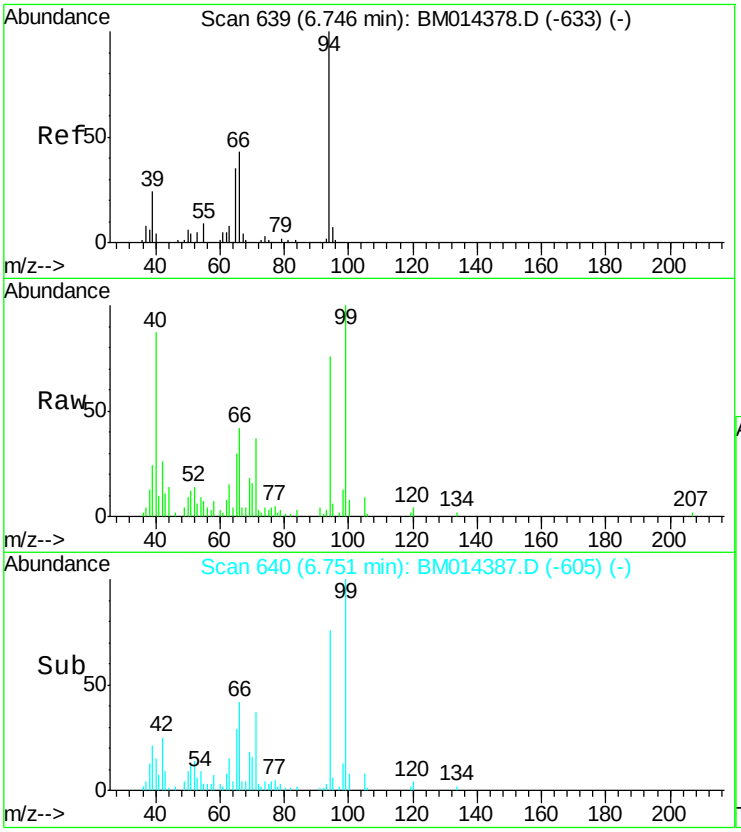
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014387.D
Acq On : 27 Feb 2018 17:49
Operator : SJ/JU
Sample : J1631-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 28 00:46:22 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration



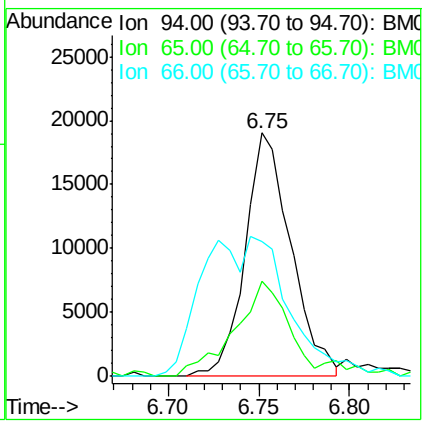


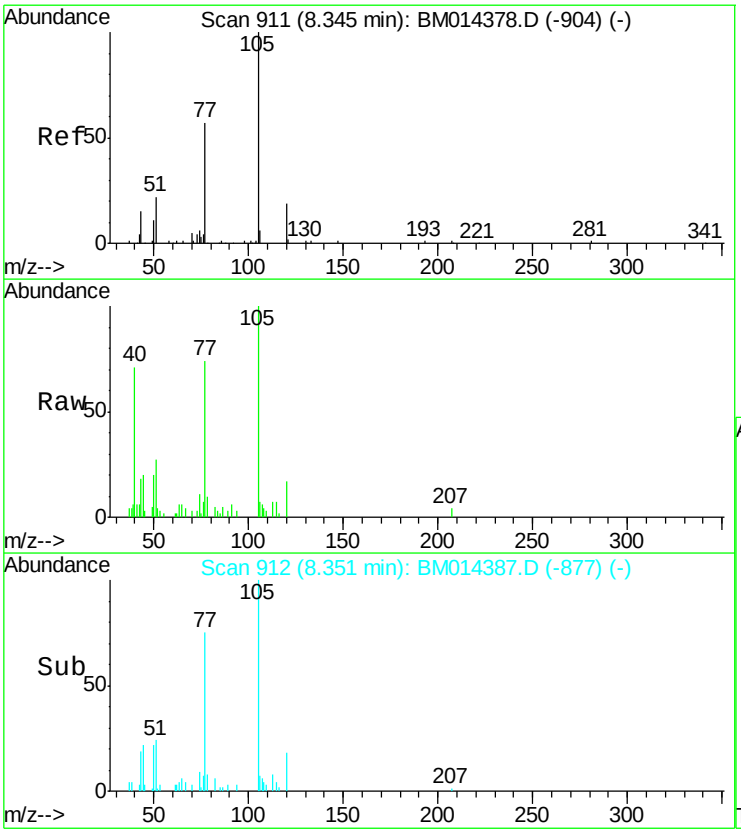
#6
Phenol
Concen: 3.409 ng/ul
RT: 6.75 min Scan# 640
Delta R.T. 0.01 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 33554

Ion	Ratio	Lower	Upper
94	100		
65	39.2	28.2	42.4
66	55.6	47.2	70.8

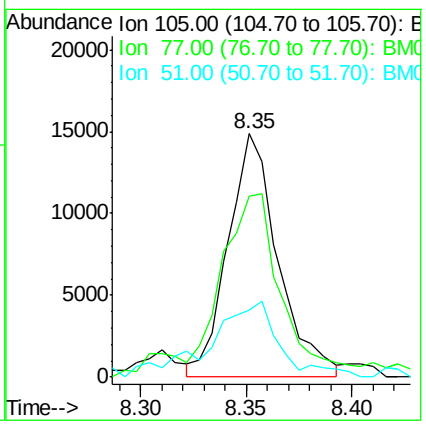


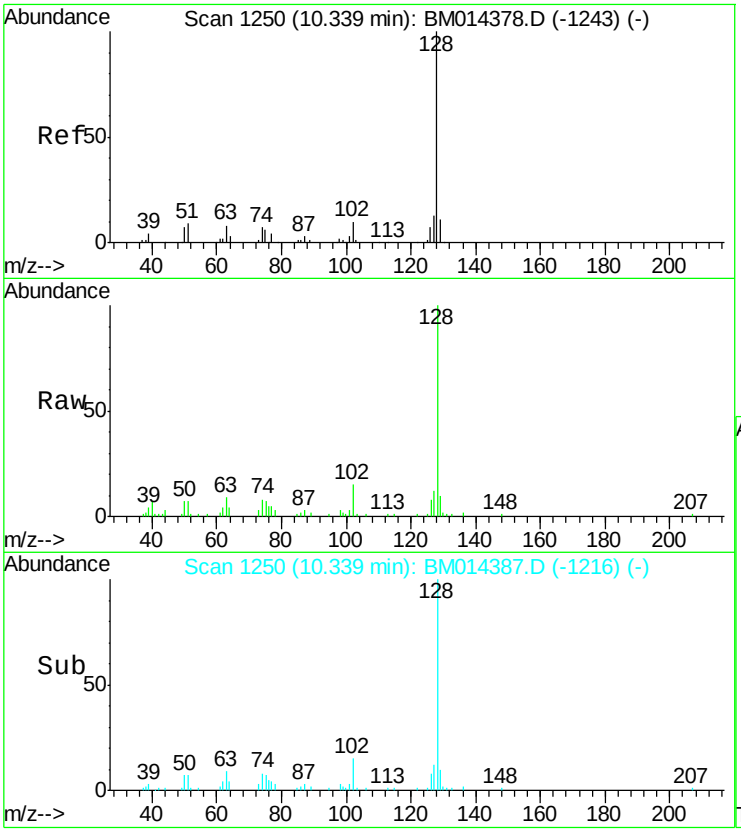


#14
Acetophenone
Concen: 1.727 ng/ul
RT: 8.35 min Scan# 912
Delta R.T. 0.01 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Tgt Ion:105 Resp: 24459

Ion	Ratio	Lower	Upper
105	100		
77	74.4	74.2	111.4
51	27.4	23.4	35.2



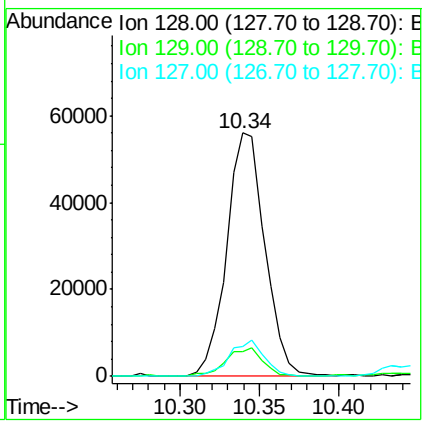


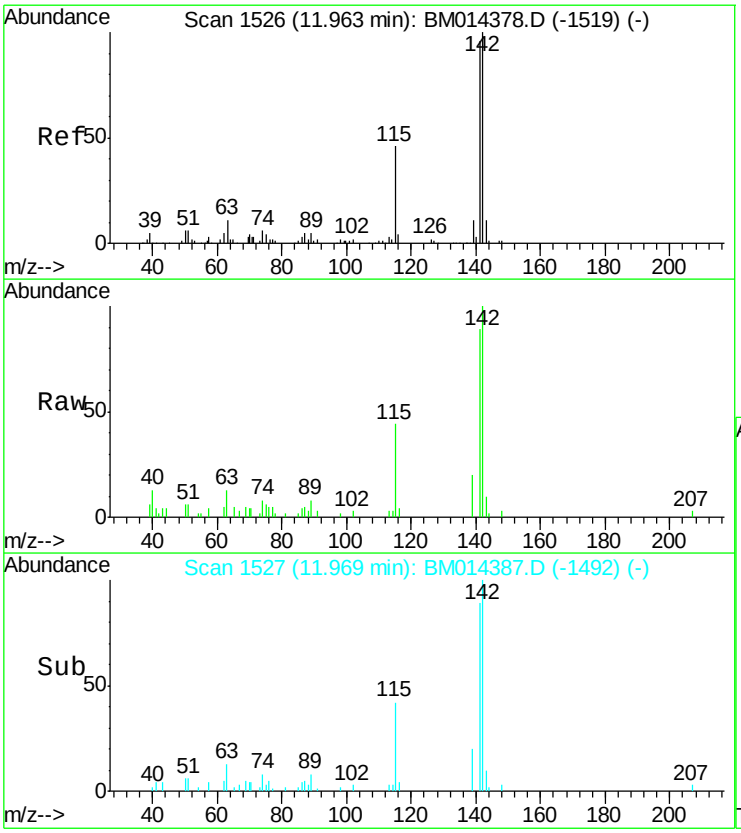
#28
Naphthalene
Concen: 3.918 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 93688

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	12.2	10.6	16.0

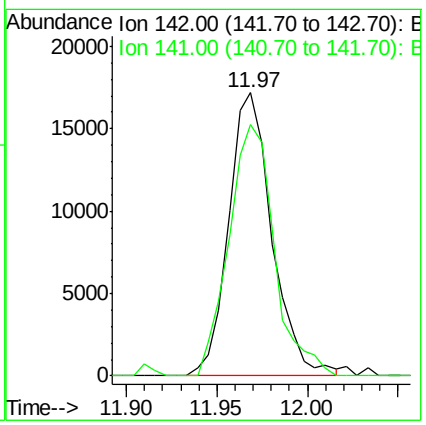


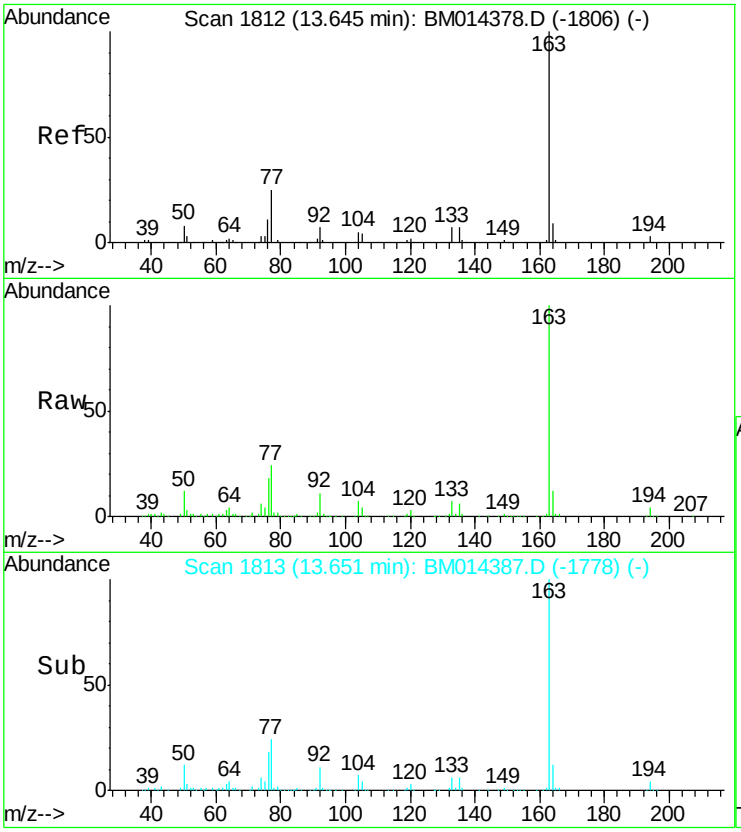


#34
2-Methylnaphthalene
Concen: 1.567 ng/ul
RT: 11.97 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Tgt Ion:142 Resp: 28530

Ion	Ratio	Lower	Upper
142	100		
141	88.7	74.1	111.1



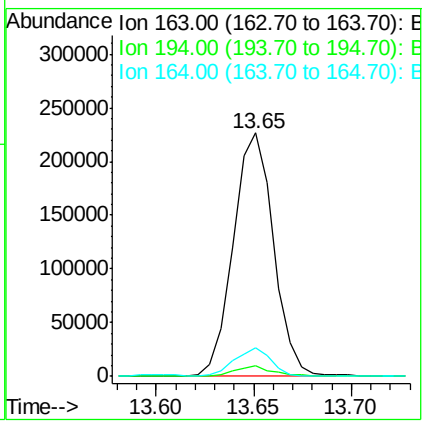


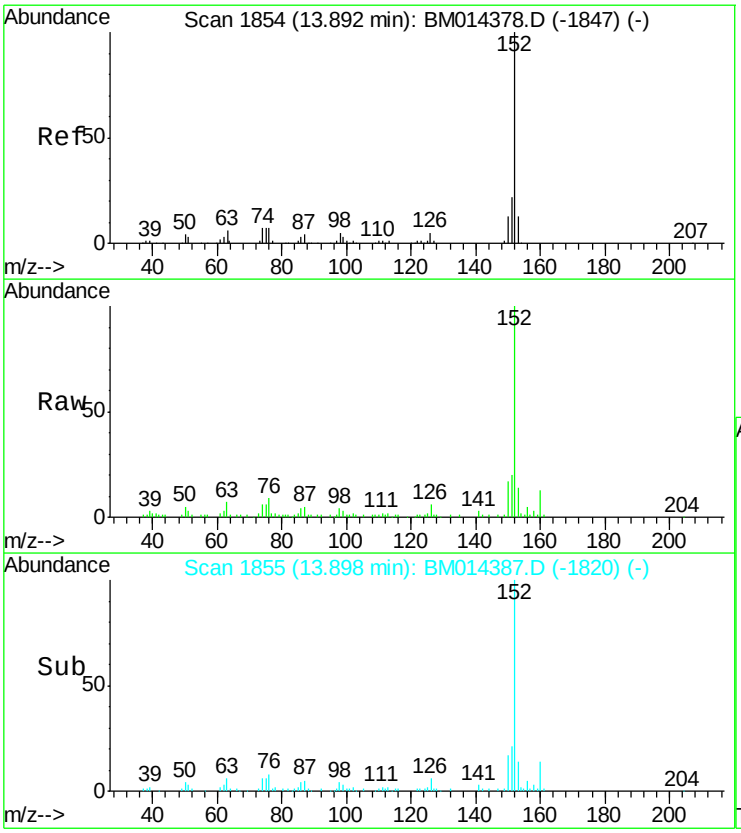
#44
Dimethylphthalate
Concen: 15.302 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 323203

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	11.9	8.2	12.4

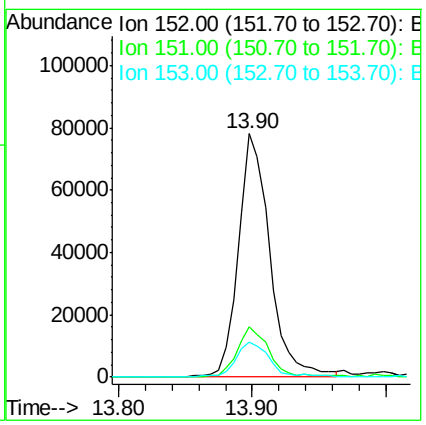


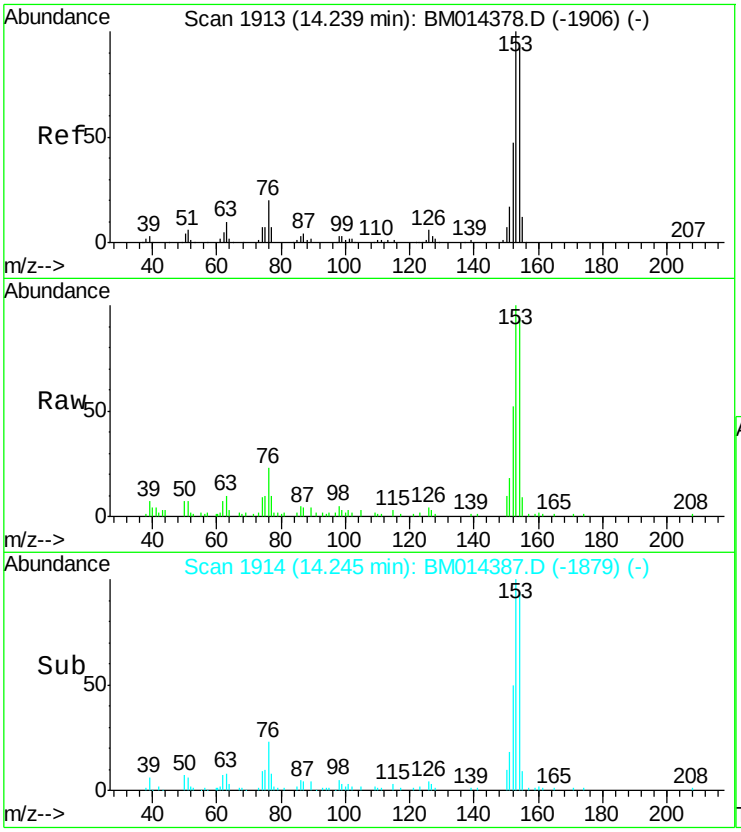


#47
Acenaphthylene
Concen: 5.078 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Tgt Ion:152 Resp: 126768

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	14.2	10.2	15.4



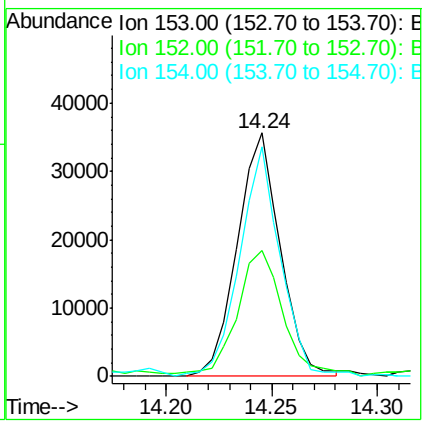


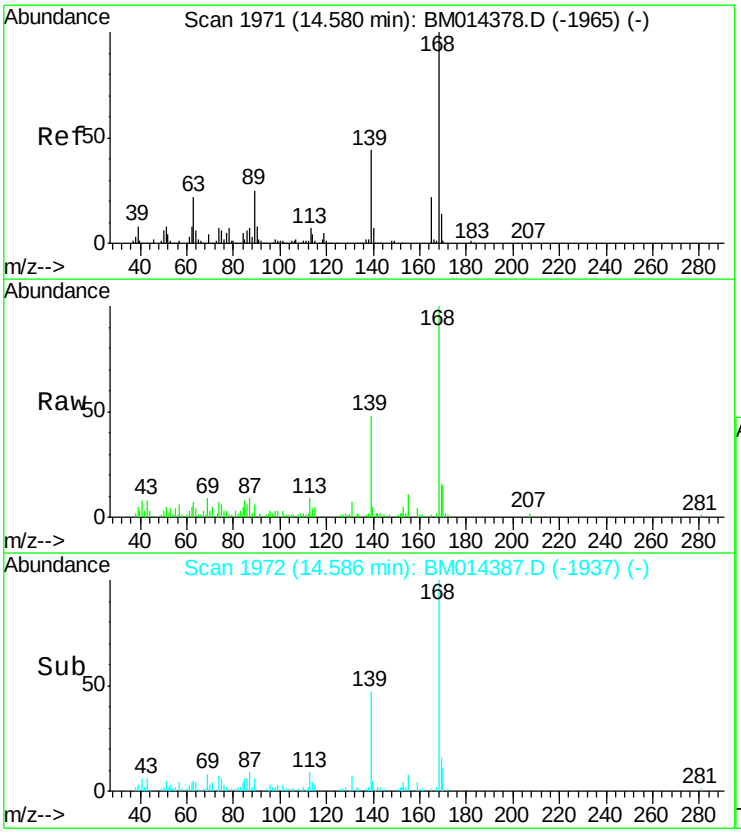
#49
Acenaphthene
Concen: 2.866 ng/ul
RT: 14.24 min Scan# 1914
Delta R.T. 0.01 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 50388

Ion	Ratio	Lower	Upper
153	100		
152	51.9	37.6	56.4
154	94.3	70.4	105.6

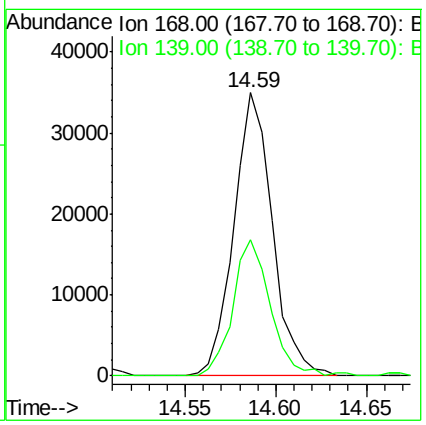


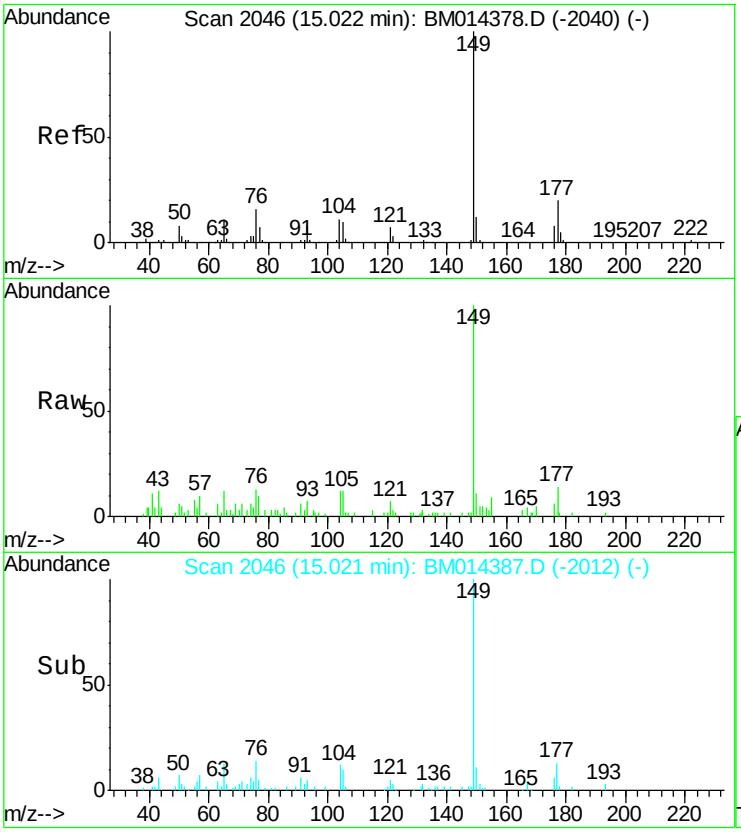


#53
Dibenzofuran
Concen: 1.967 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Tgt Ion:168 Resp: 51834

Ion	Ratio	Lower	Upper
168	100		
139	48.1	30.8	46.2#



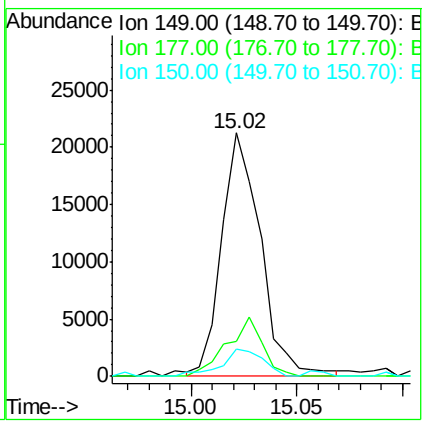


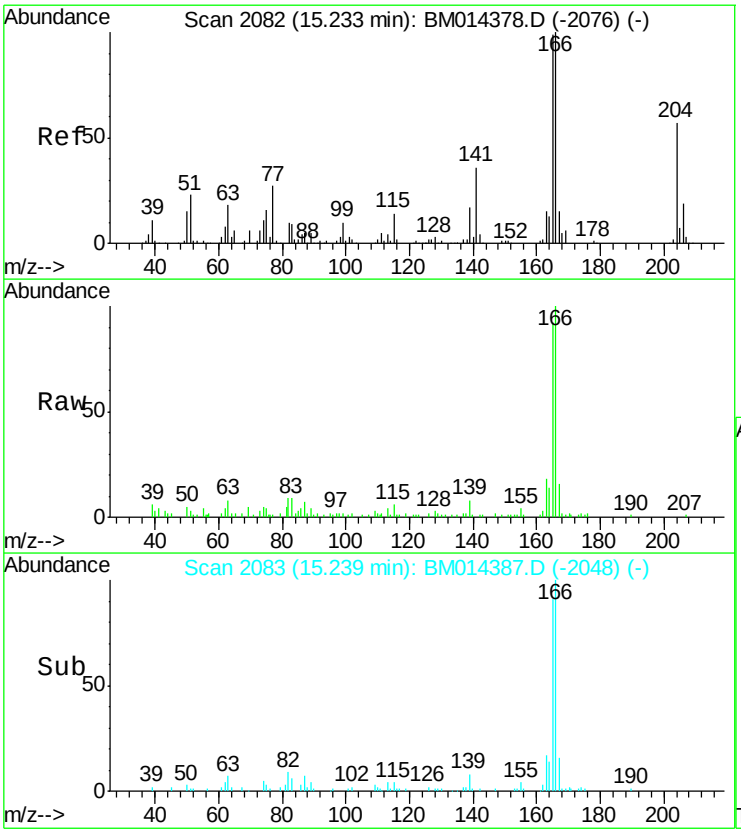
#56
Diethylphthalate
Concen: 1.153 ng/ul
RT: 15.02 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 27130

Ion	Ratio	Lower	Upper
149	100		
177	14.2	20.5	30.7#
150	11.1	10.6	15.8

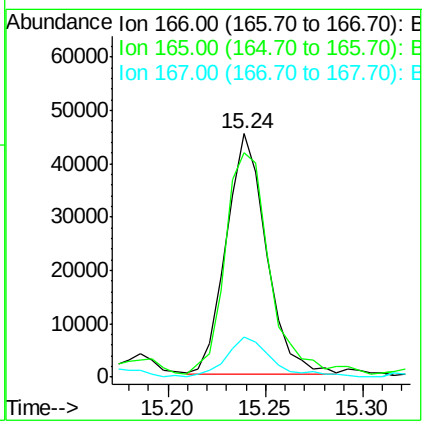


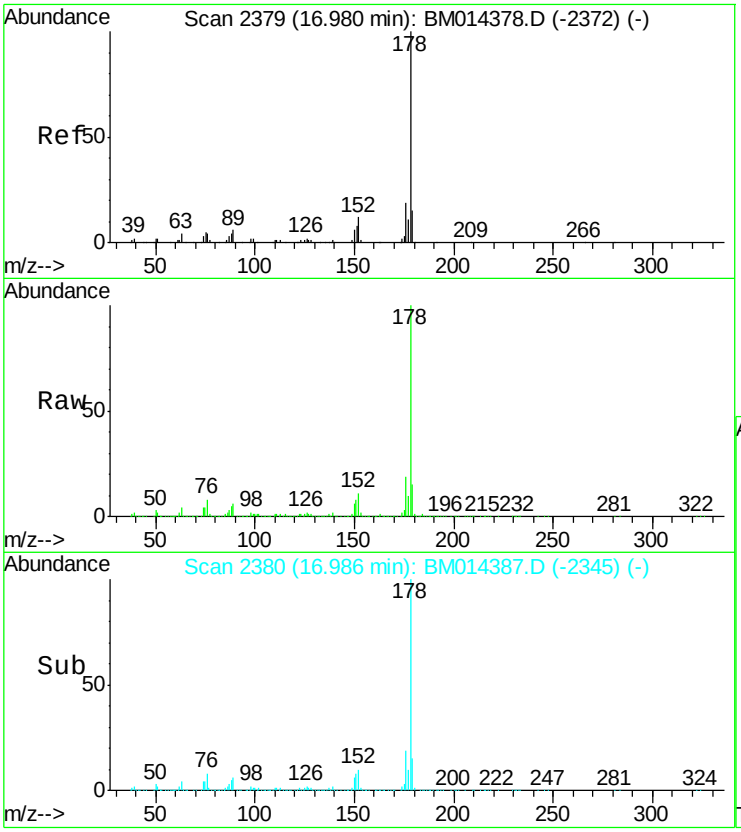


#58
Fluorene
Concen: 2.835 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Tgt Ion:166 Resp: 64513

Ion	Ratio	Lower	Upper
166	100		
165	92.1	77.9	116.9
167	16.3	10.6	16.0#



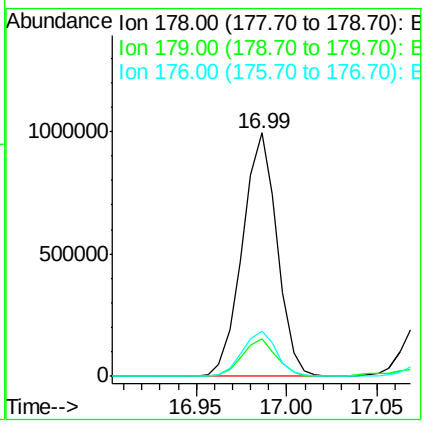


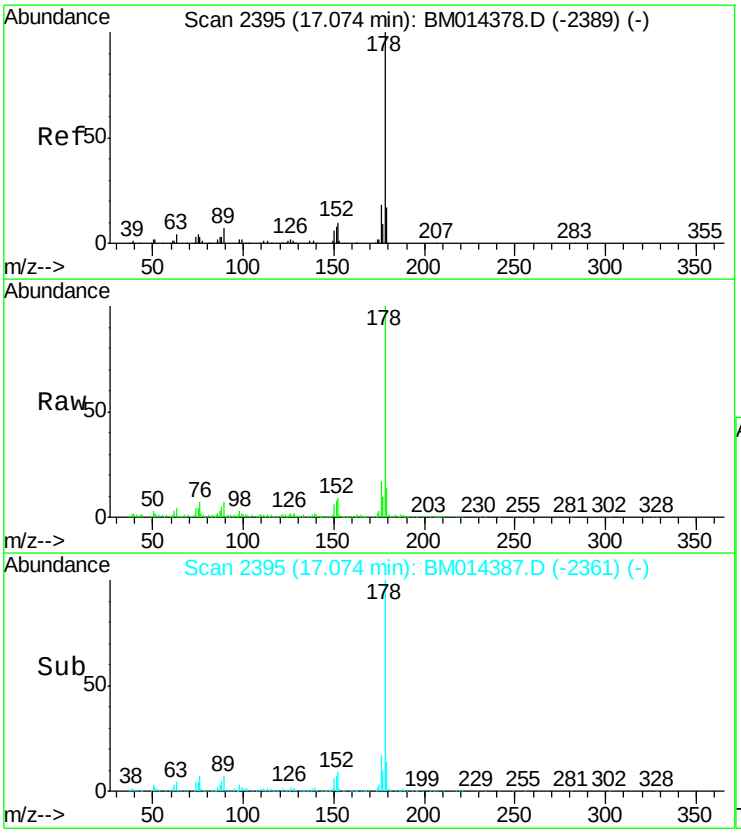
#69
Phenanthrene
Concen: 42.864 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1316848

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.6	14.9	22.3

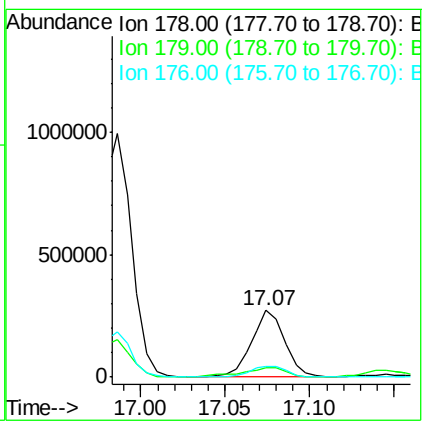


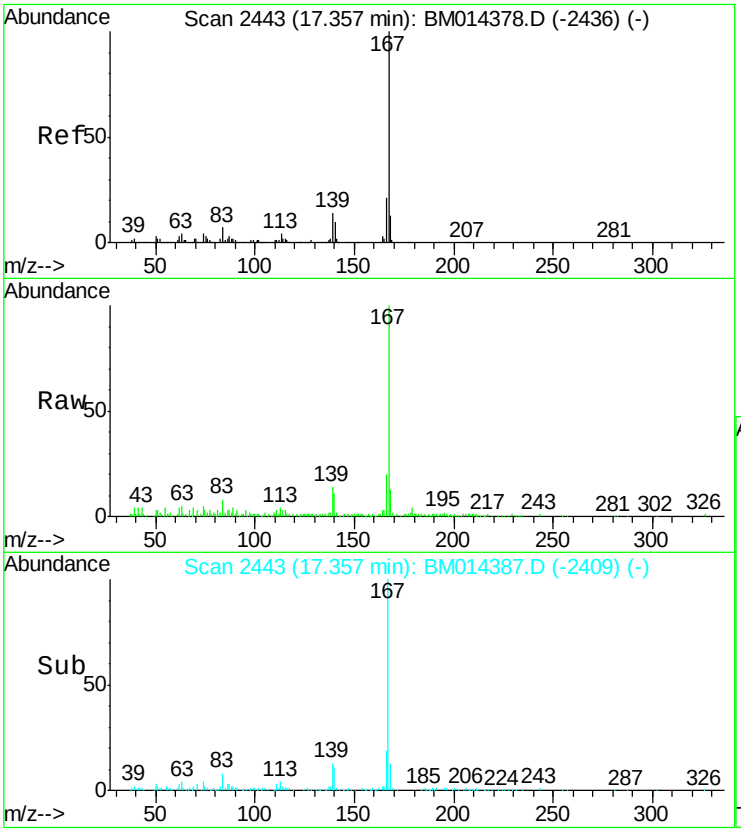


#71
Anthracene
Concen: 11.943 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Tgt Ion:178 Resp: 368997

Ion	Ratio	Lower	Upper
178	100		
179	14.3	11.7	17.5
176	16.8	14.6	21.8



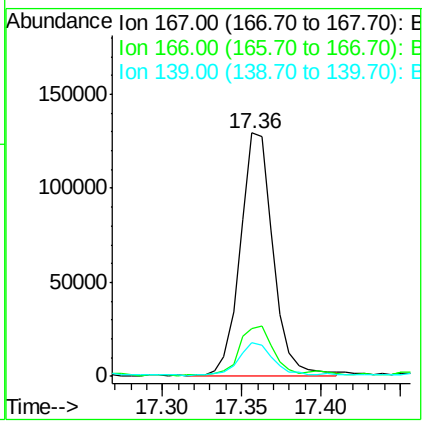


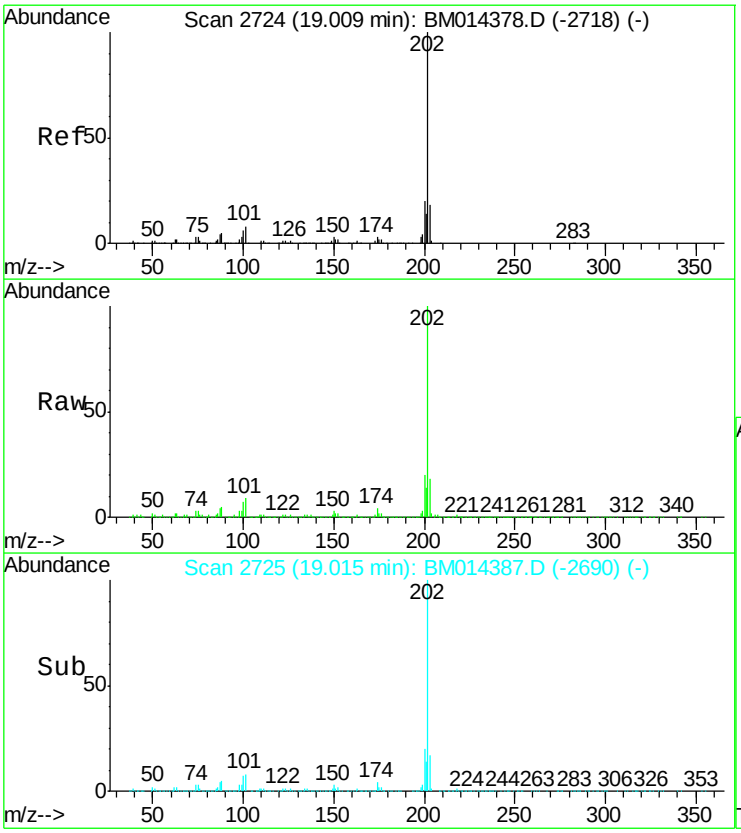
#72
Carbazole
Concen: 7.190 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 186788

Ion	Ratio	Lower	Upper
167	100		
166	19.6	17.1	25.7
139	13.7	10.0	15.0

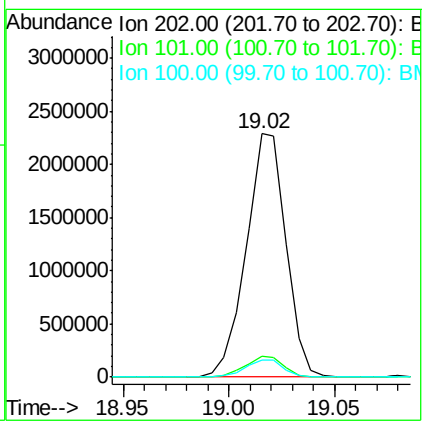


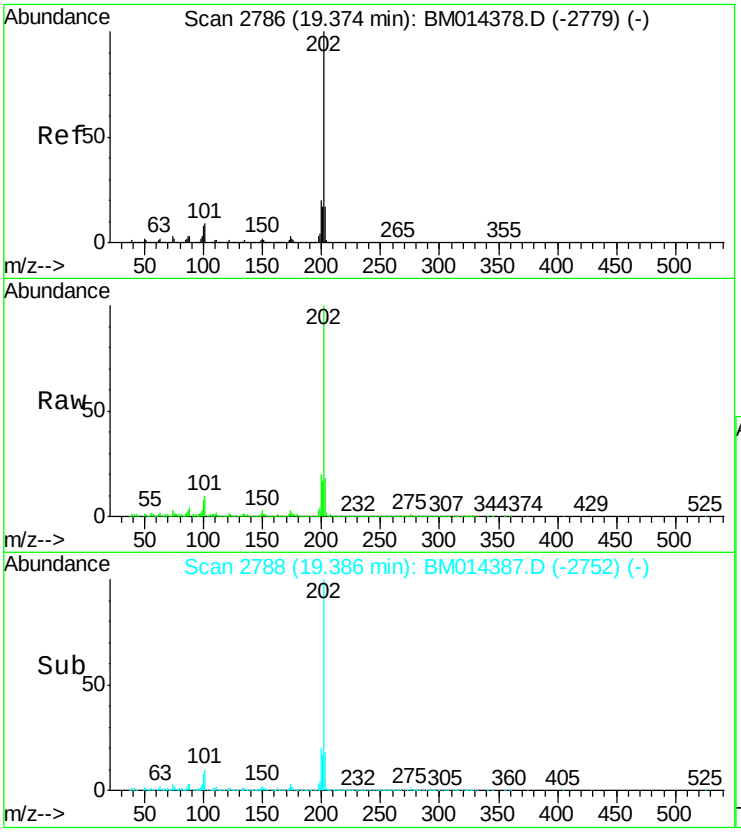


#74
Fluoranthene
Concen: 81.407 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Tgt Ion:202 Resp: 2987952

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	7.2	3.4	5.2#



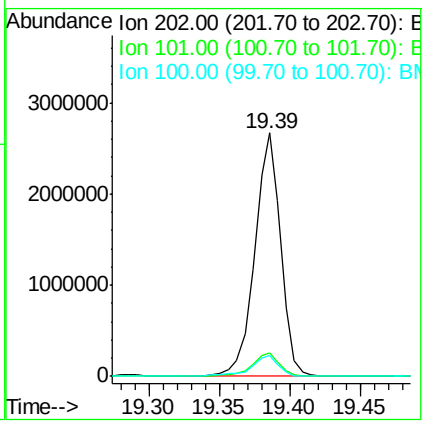


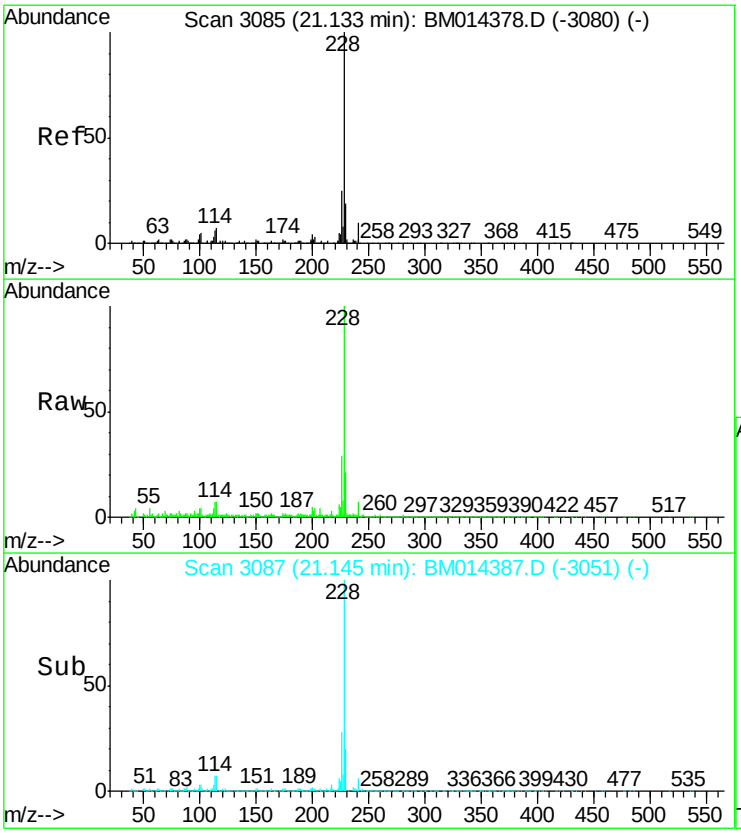
#77
Pyrene
Concen: 98.370 ng/ul
RT: 19.39 min Scan# 2788
Delta R.T. 0.01 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 3426993

Ion	Ratio	Lower	Upper
202	100		
101	9.5	5.1	7.7#
100	8.4	4.9	7.3#

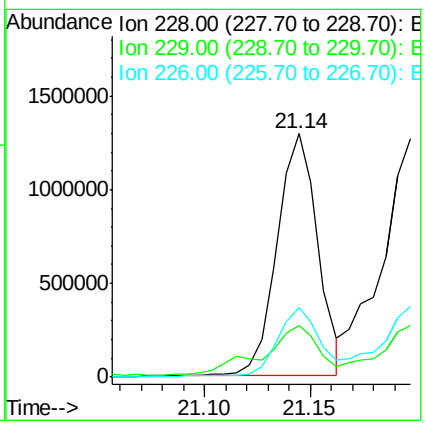


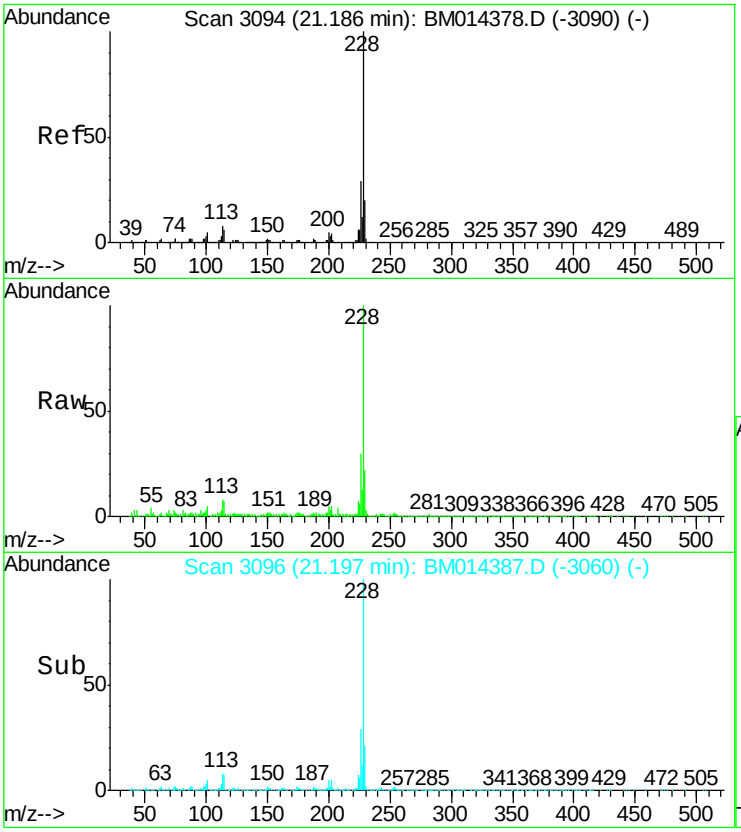


#80
Benzo(a)anthracene
Concen: 52.444 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Tgt Ion:228 Resp: 1715757

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	28.6	21.4	32.0



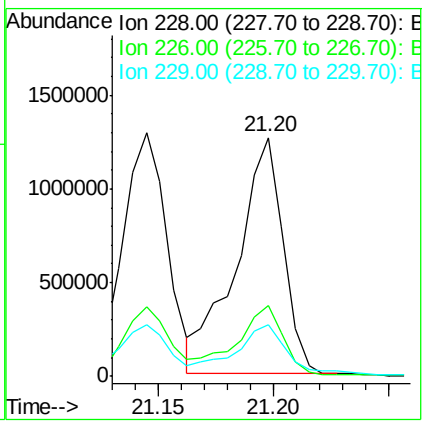


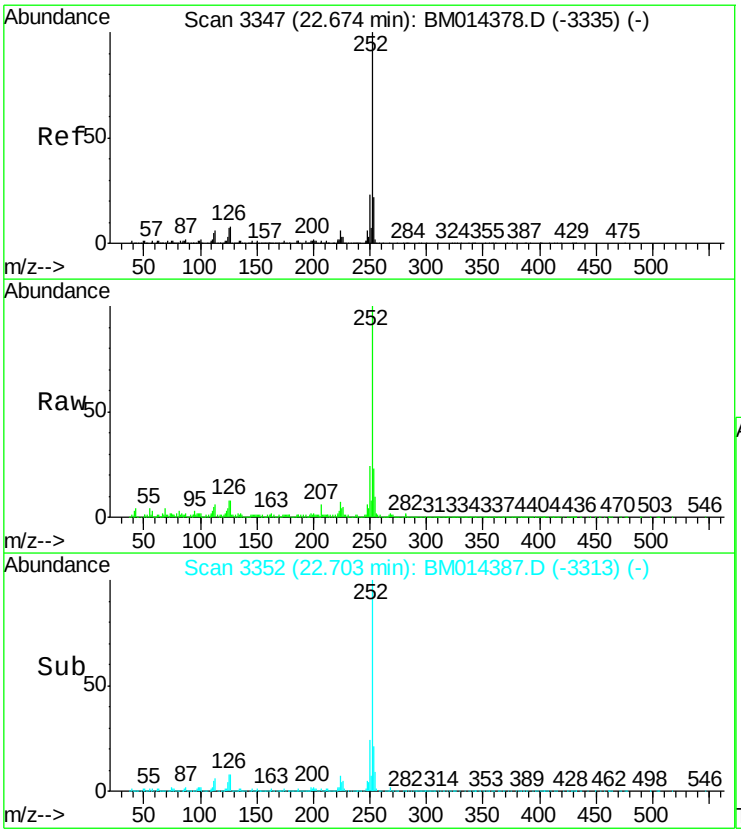
#82
Chrysene
Concen: 58.499 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1785394

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	21.9	15.5	23.3

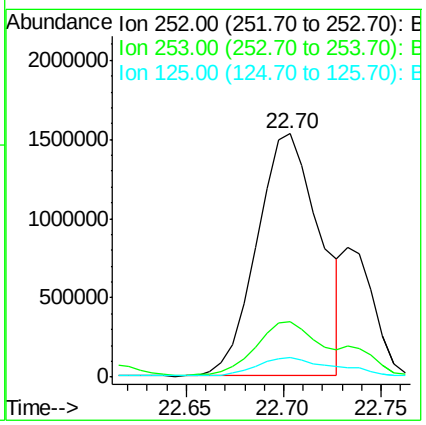


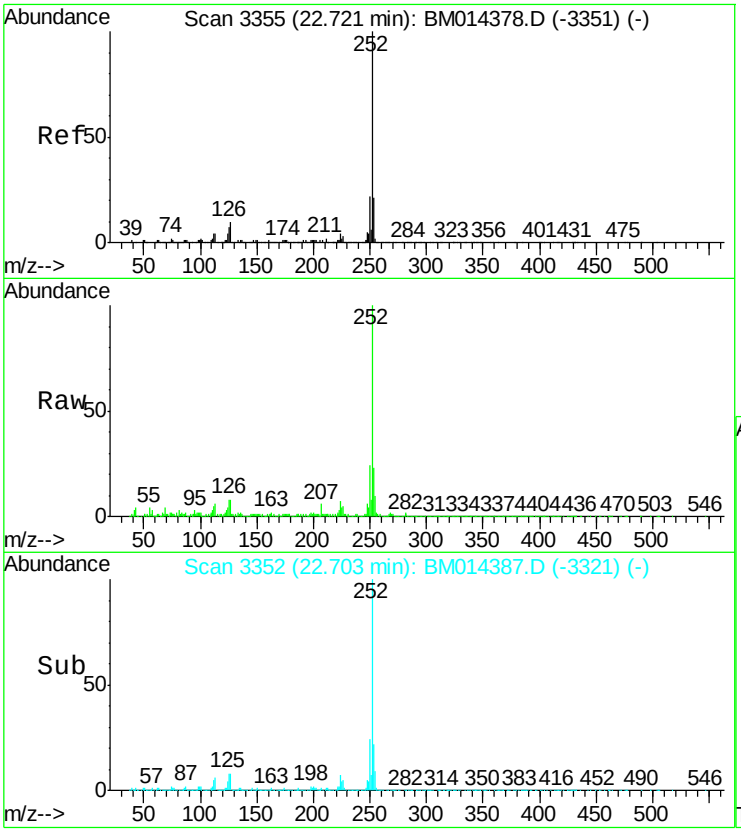


#85
Benzo(b)fluoranthene
Concen: 99.182 ng/ul
RT: 22.70 min Scan# 3352
Delta R.T. 0.03 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Tgt Ion:252 Resp: 3412642

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	8.1	3.6	5.4#



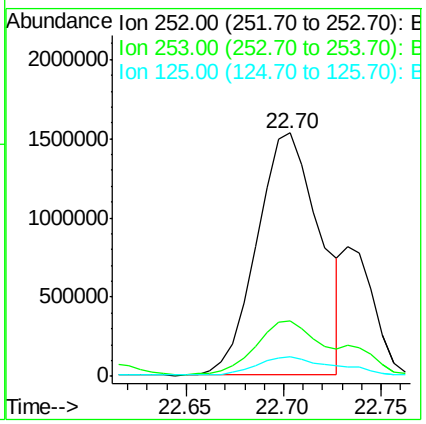


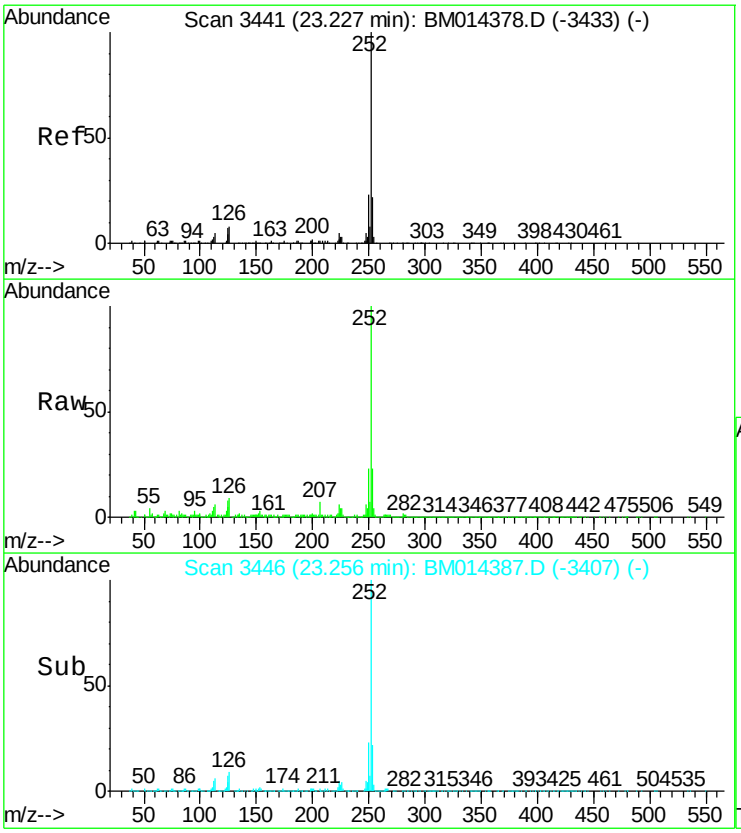
#86
Benzo(k)fluoranthene
Concen: 104.318 ng/ul
RT: 22.70 min Scan# 3352
Delta R.T. -0.02 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3412642

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	8.1	3.4	5.2#

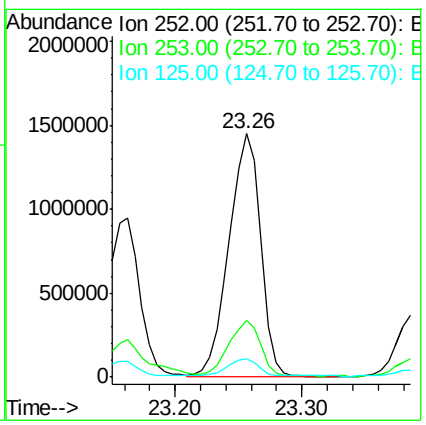


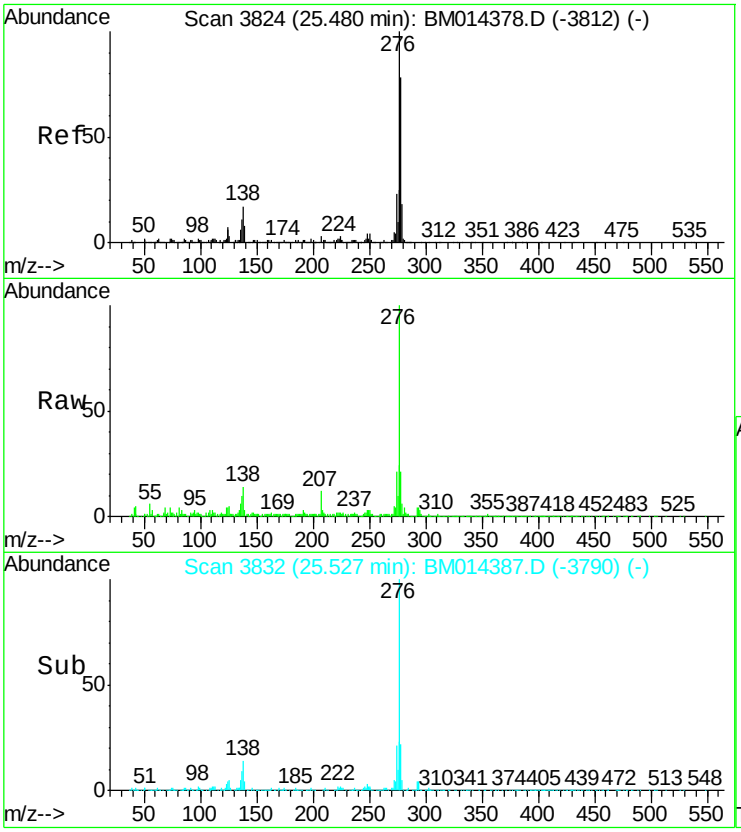


#88
Benzo(a)pyrene
Concen: 80.741 ng/ul
RT: 23.26 min Scan# 3446
Delta R.T. 0.03 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Tgt Ion:252 Resp: 2482549

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



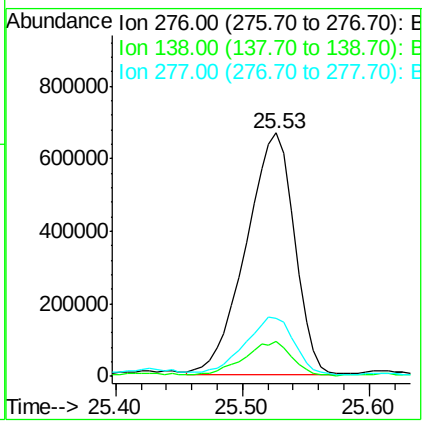


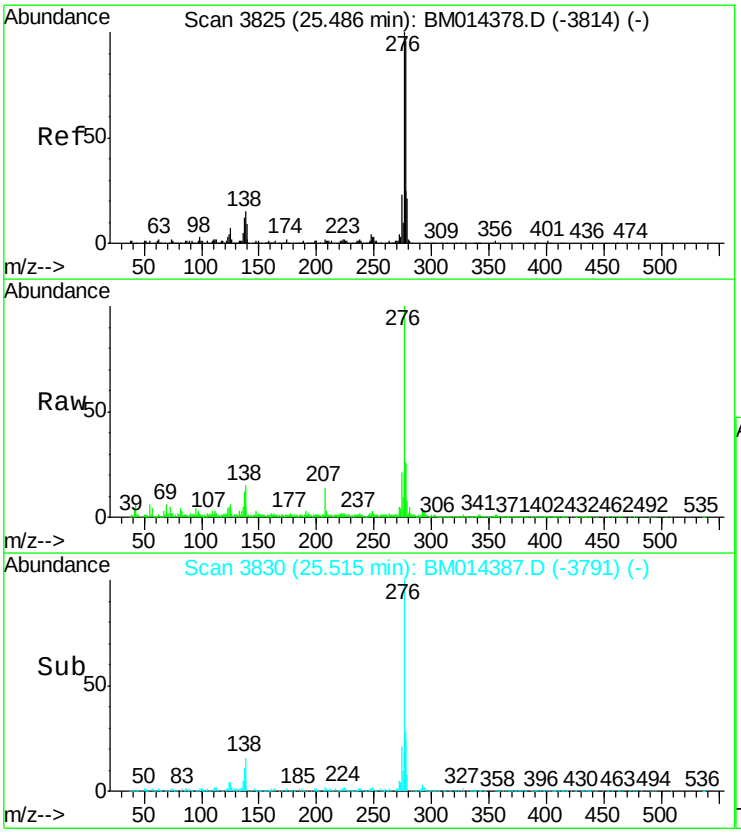
#89
Indeno(1,2,3-cd)pyrene
Concen: 58.909 ng/ul
RT: 25.53 min Scan# 3832
Delta R.T. 0.05 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1757618

Ion	Ratio	Lower	Upper
276	100		
138	14.2	9.3	13.9#
277	24.1	19.9	29.9

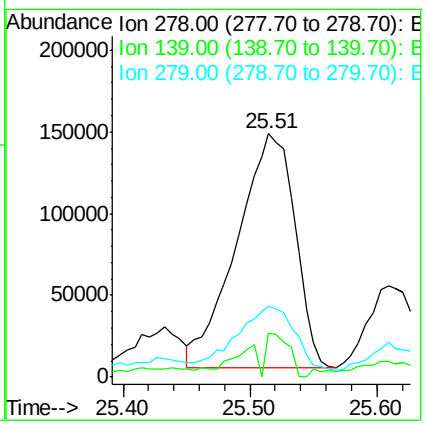


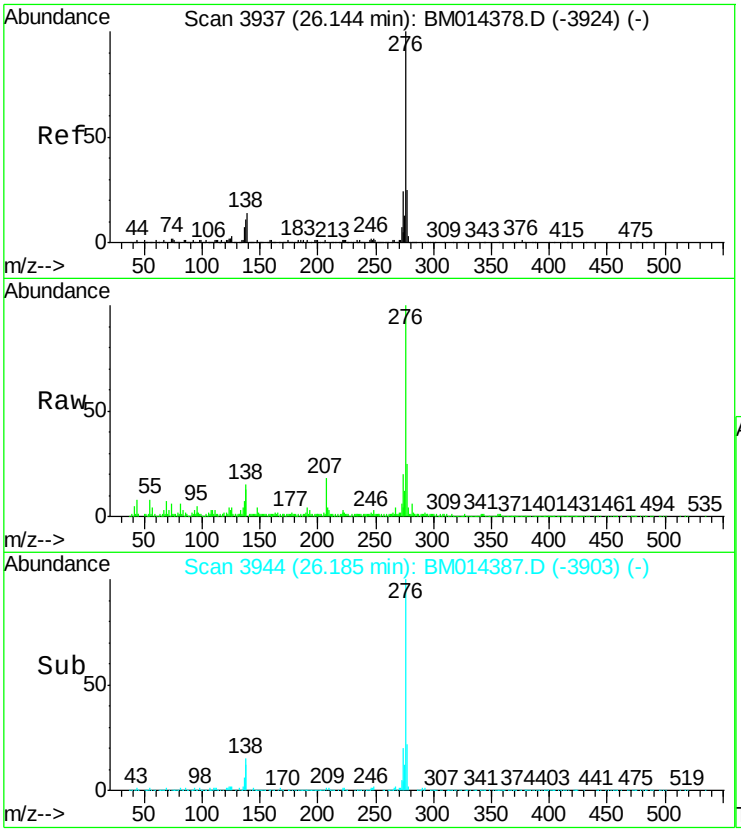


#90
Dibenzo(a,h)anthracene
Concen: 18.382 ng/ul
RT: 25.51 min Scan# 3830
Delta R.T. 0.03 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Tgt Ion:278 Resp: 455711

Ion	Ratio	Lower	Upper
278	100		
139	18.0	5.8	8.8#
279	29.2	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 54.346 ng/ul
RT: 26.19 min Scan# 3944
Delta R.T. 0.04 min
Lab File: BM014387.D
Acq: 27 Feb 2018 17:49

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1313542

Ion	Ratio	Lower	Upper
276	100		
138	15.0	8.5	12.7#
277	24.9	18.6	28.0