Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014404.D
Acq On : 28 Feb 2018 15:12
Operator : SJ/JU
Sample : J1646-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE600

Quant Time: Feb 28 17:40:06 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	99844	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	404121	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	221249	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	459266	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	445470	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	443381	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	8400	3.60	ng/uL	0.00
5) Phenol-d5	6.72	99	162570	19.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	112027	21.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	147066	22.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	121794	16.49	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	74517	24.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	79381	25.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	132834	20.75	ng/ul	0.01
29) 4-Chloroaniline-d4	10.45	131	138943	22.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	444273	24.32	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	561728	24.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	16039	6.36	ng/ul	0.04
57) Fluorene-d10	15.18	176	369026	22.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	6251	2.27	ng/ul	0.01
70) Anthracene-d10	17.04	188	539510	24.35	ng/ul	0.00
76) Pyrene-d10	19.35	212	584998	25.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	525281	24.34	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.34	128	37465	1.805	ng/ul	97
34) 2-Methylnaphthalene	11.97	142	16453	1.041	ng/ul	83
44) Dimethylphthalate	13.64	163	97610	5.418	ng/ul	97
47) Acenaphthylene	13.90	152	47822	2.246	ng/ul	96
49) Acenaphthene	14.24	153	61735	4.117	ng/ul	90
53) Dibenzofuran	14.59	168	61758	2.747	ng/ul	100
58) Fluorene	15.24	166	90330	4.654	ng/ul	96
69) Phenanthrene	16.99	178	1615757	61.062	ng/ul	99
71) Anthracene	16.99	178	1615757	60.717	ng/ul	99
72) Carbazole	17.36	167	141963	6.344	ng/ul#	95
73) Di-n-butylphthalate	17.92	149	102626	3.555	ng/ul#	94
74) Fluoranthene	19.02	202	2275286	71.971	ng/ul#	93
77) Pyrene	19.38	202	1912354	64.596	ng/ul#	93
80) Benzo(a)anthracene	21.14	228	946180	34.033	ng/ul	98
82) Chrysene	21.19	228	895796	34.539	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	1103937	37.185	ng/ul#	97
86) Benzo(k)fluoranthene	22.69	252	1103937	39.110	ng/ul#	95
88) Benzo(a)pyrene	23.24	252	766805	28.904	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.50	276	488062	18.959	ng/ul	98
90) Dibenzo(a,h)anthracene	25.49	278	135943	6.355	ng/ul#	88
91) Benzo(g,h,i)perylene	26.16	276	387771	18.594	ng/ul	97

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014404.D
Acq On : 28 Feb 2018 15:12
Operator : SJ/JU
Sample : J1646-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE600

Quant Time: Feb 28 17:40:06 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)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014404.D
Acq On : 28 Feb 2018 15:12
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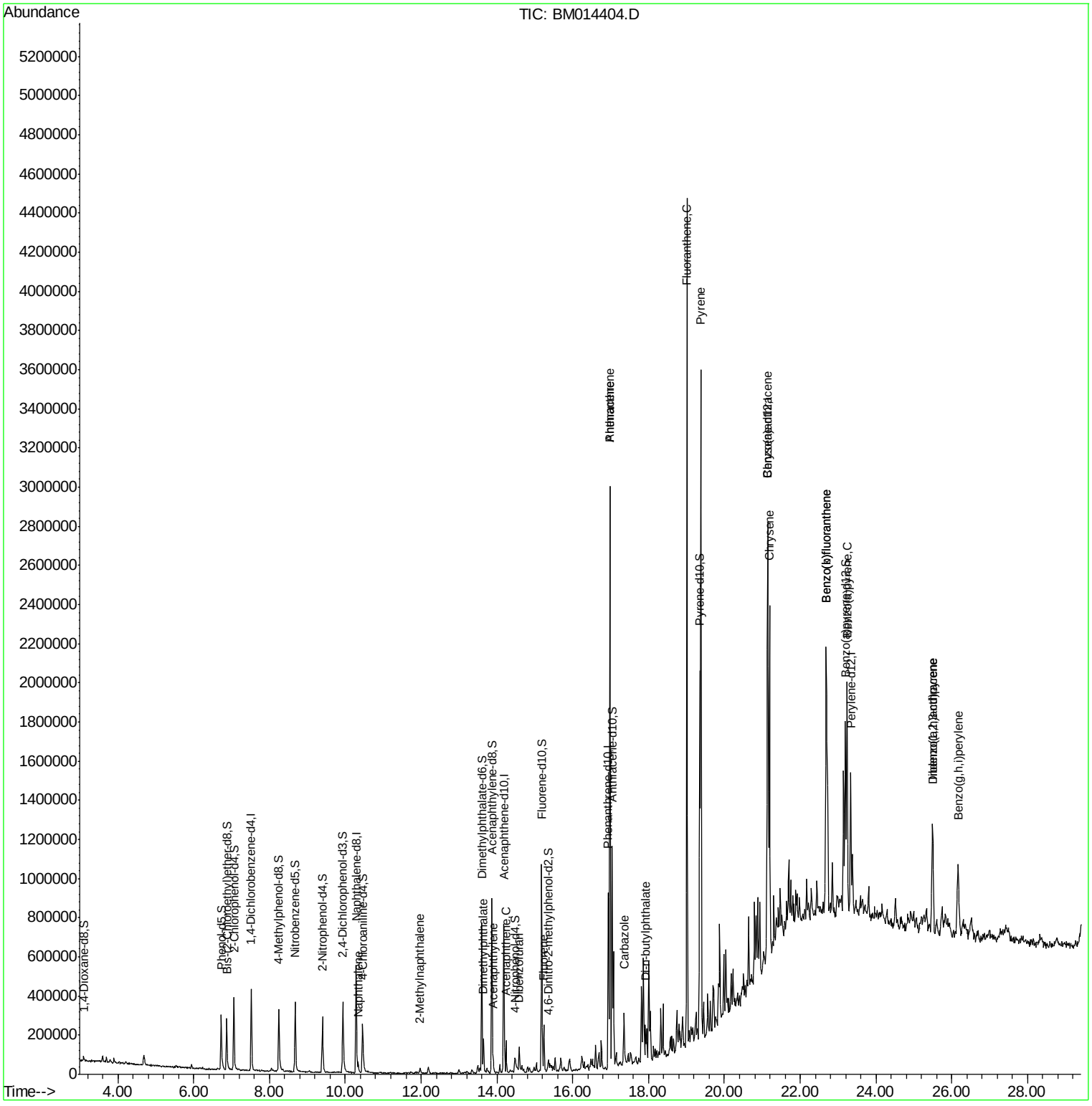
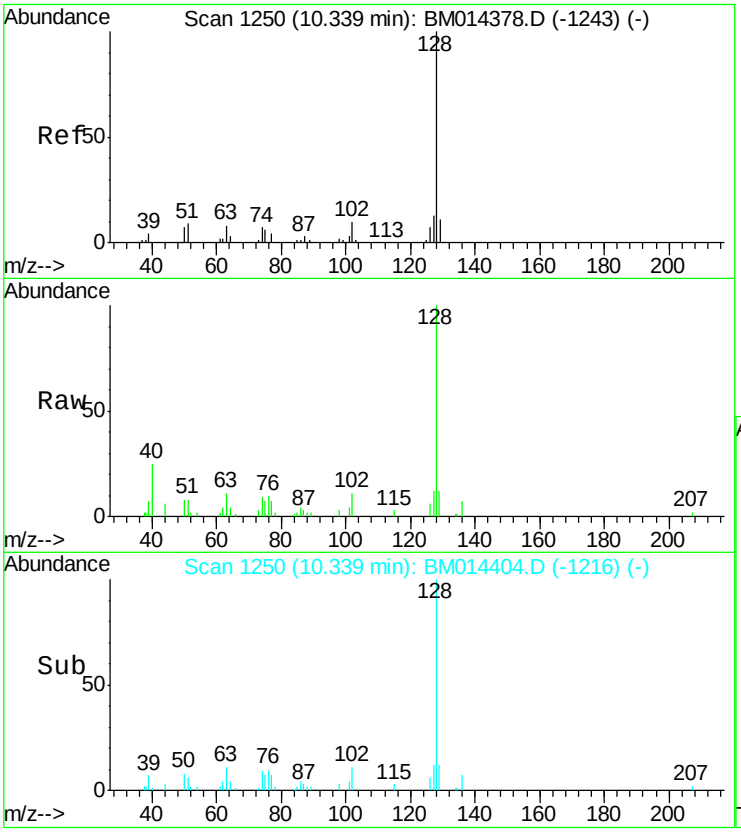
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 12:00:03 2018
Response via : Initial Calibration



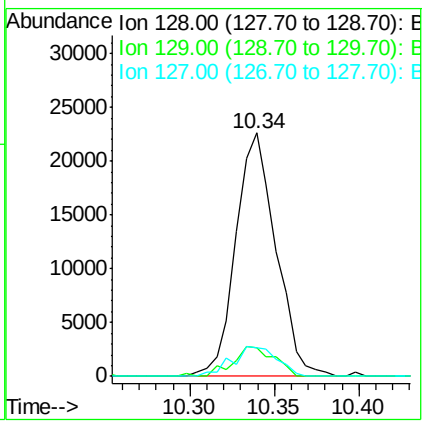


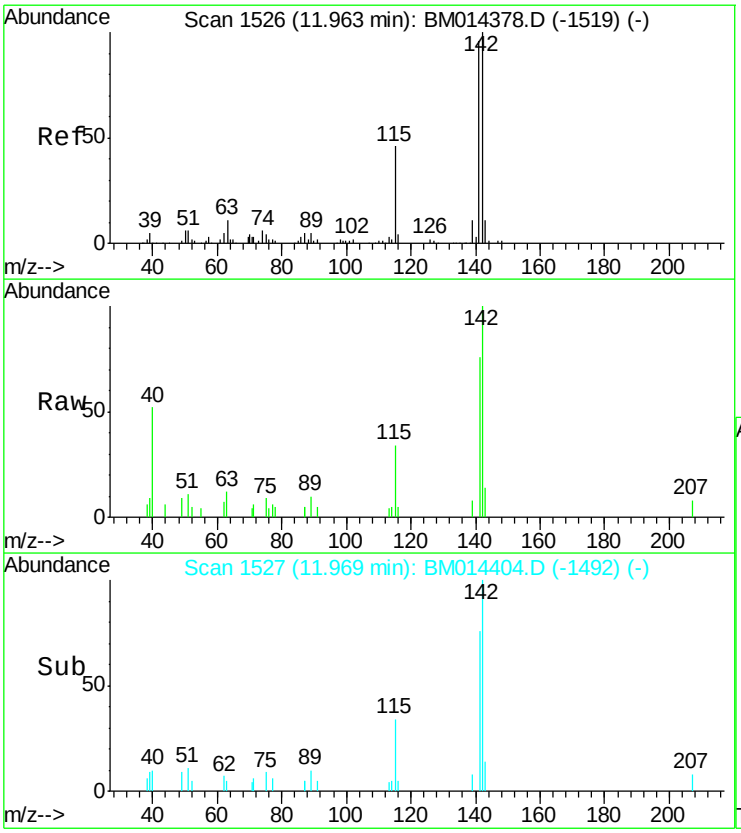
#28
Naphthalene
Concen: 1.805 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion:128 Resp: 37465

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	11.8	10.6	16.0

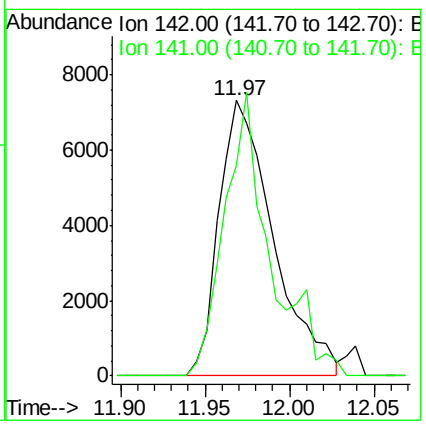


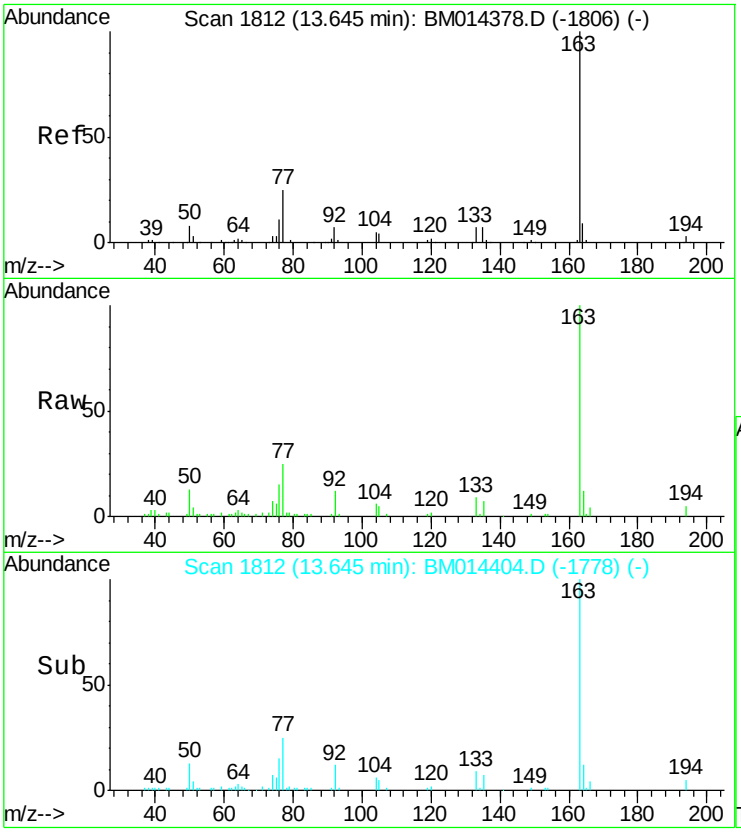


#34
2-Methylnaphthalene
Concen: 1.041 ng/ul
RT: 11.97 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Tgt Ion:142 Resp: 16453

Ion	Ratio	Lower	Upper
142	100		
141	76.4	74.1	111.1



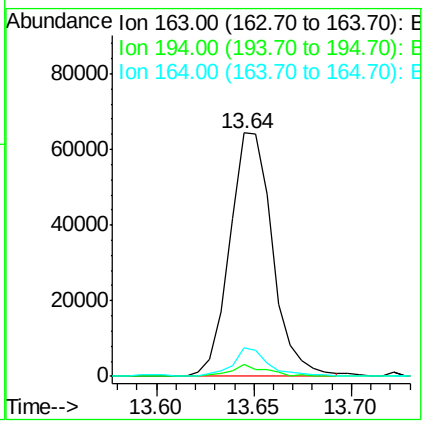


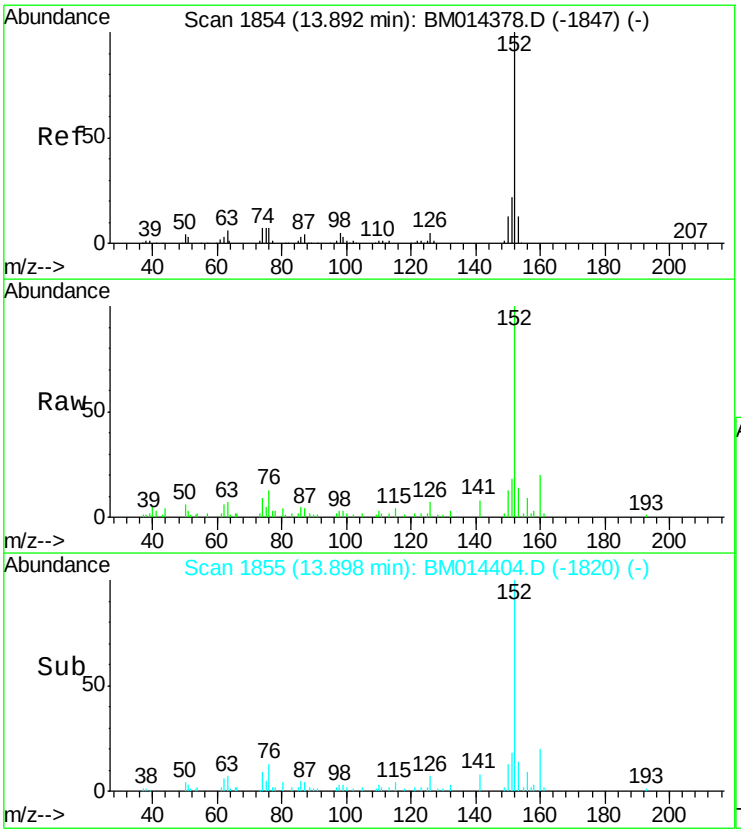
#44
Dimethylphthalate
Concen: 5.418 ng/ul
RT: 13.64 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion:163 Resp: 97610

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	11.8	8.2	12.4

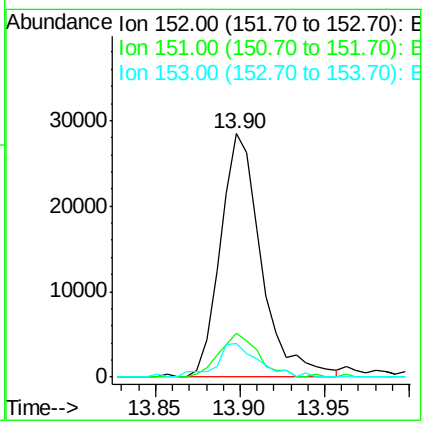


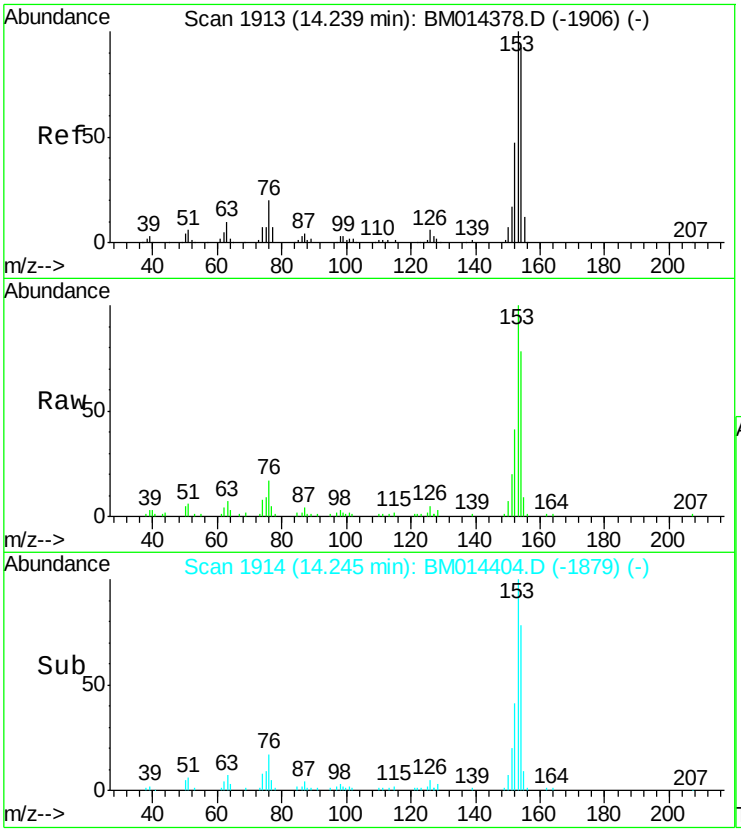


#47
Acenaphthylene
Concen: 2.246 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Tgt Ion:152 Resp: 47822

Ion	Ratio	Lower	Upper
152	100		
151	18.3	16.3	24.5
153	13.9	10.2	15.4



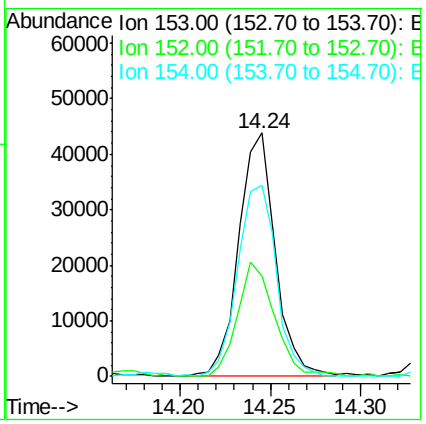


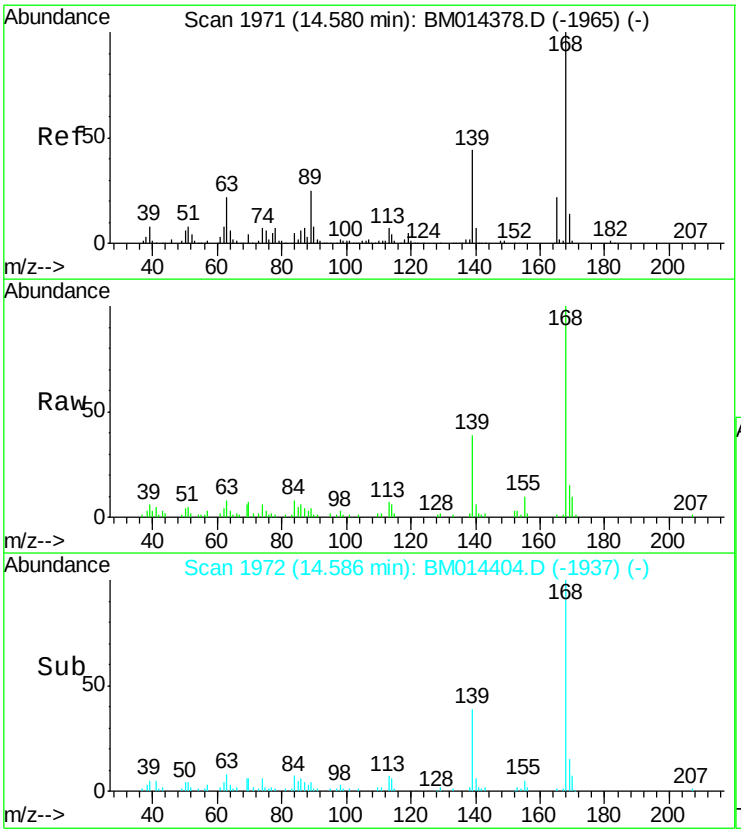
#49
Acenaphthene
Concen: 4.117 ng/ul
RT: 14.24 min Scan# 1914
Delta R.T. 0.01 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion:153 Resp: 61735

Ion	Ratio	Lower	Upper
153	100		
152	41.3	37.6	56.4
154	78.4	70.4	105.6

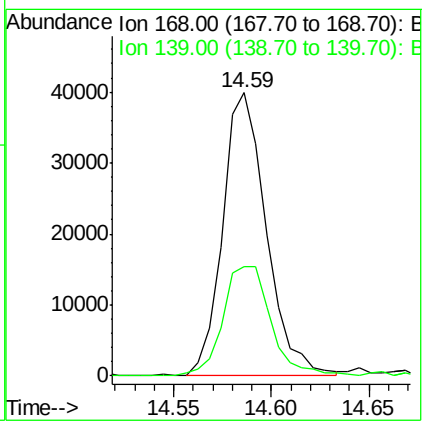


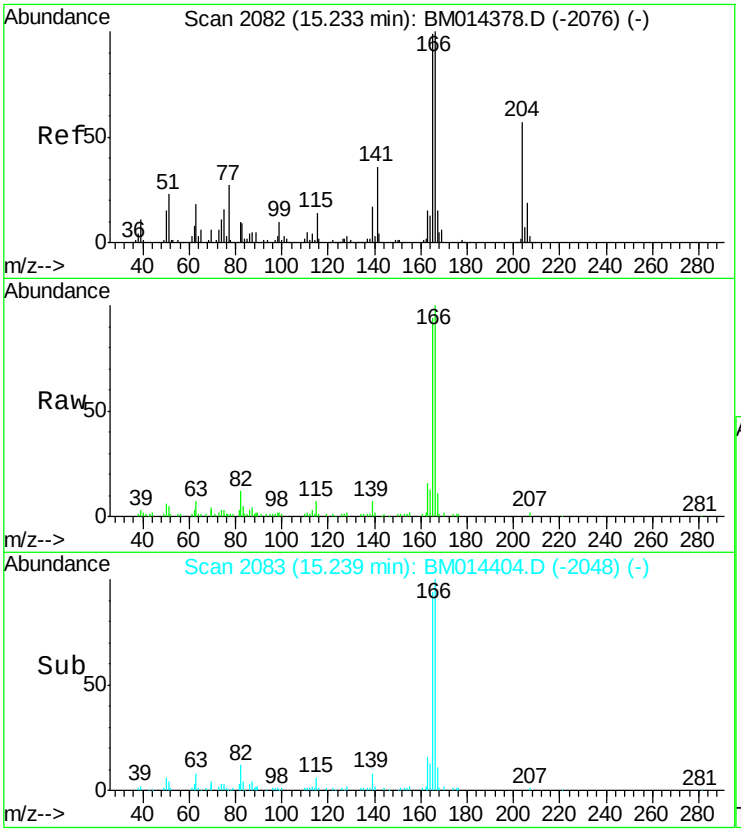


#53
Dibenzofuran
Concen: 2.747 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Tgt Ion:168 Resp: 61758

Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.8	46.2



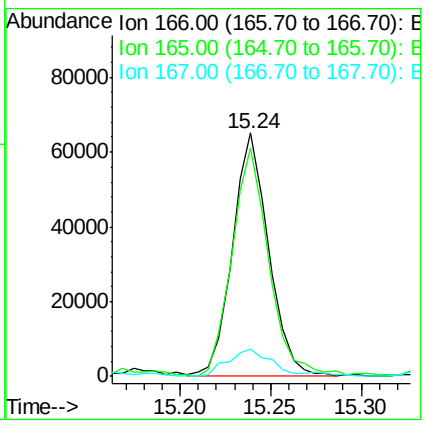


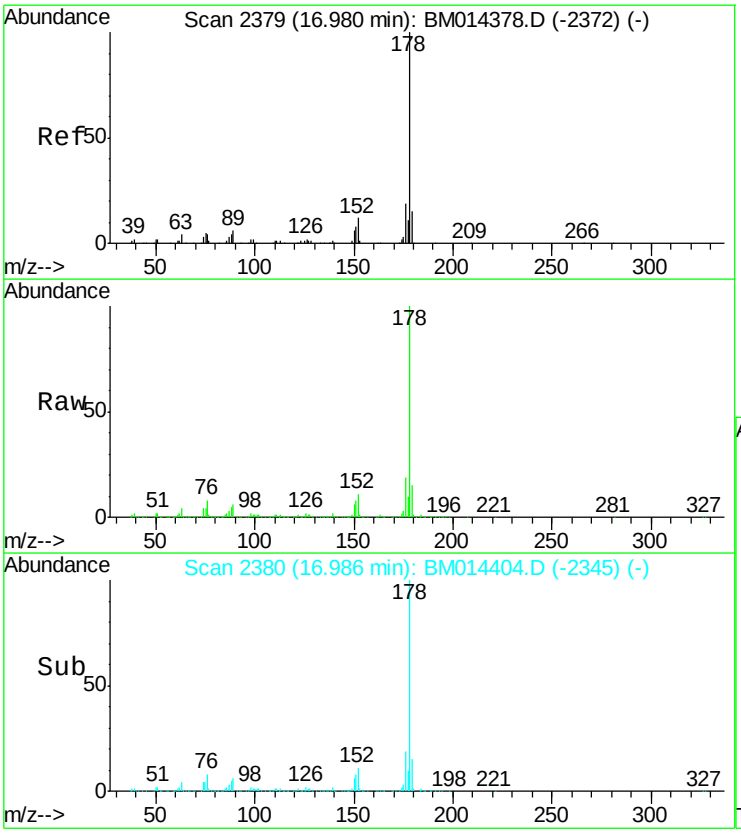
#58
Fluorene
Concen: 4.654 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion:166 Resp: 90330

Ion	Ratio	Lower	Upper
166	100		
165	93.8	77.9	116.9
167	11.4	10.6	16.0

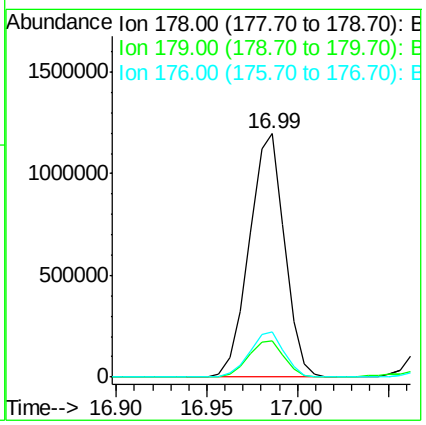


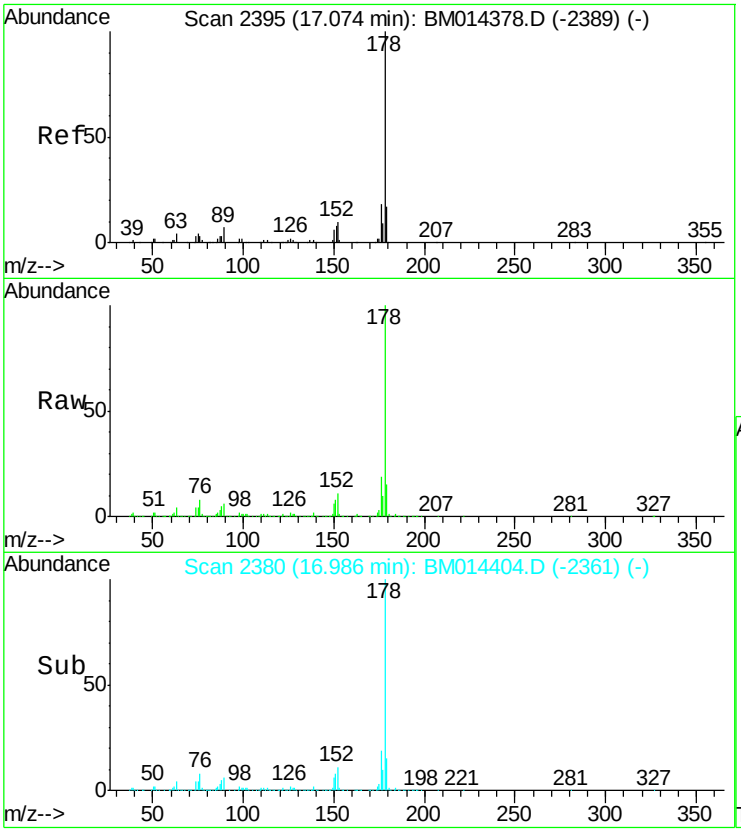


#69
Phenanthrene
Concen: 61.062 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Tgt Ion:178 Resp: 1615757

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.6	14.9	22.3



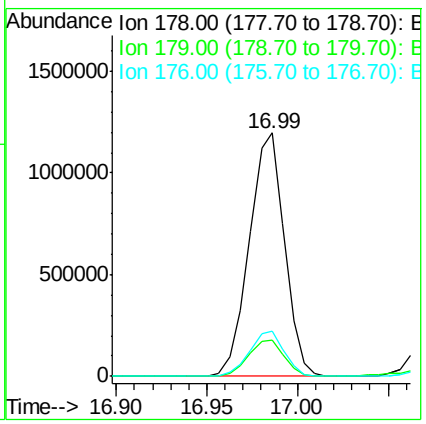


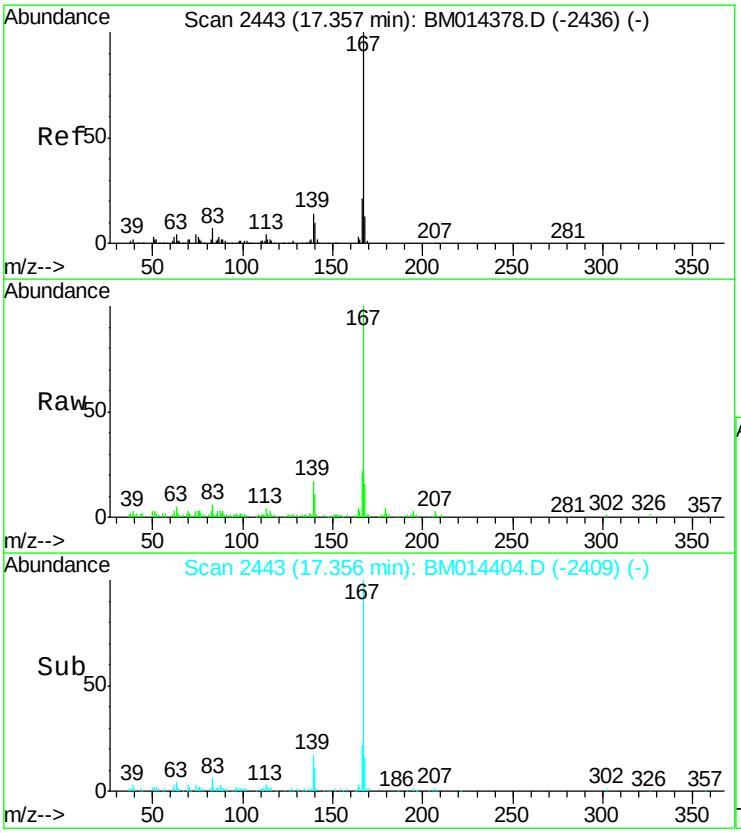
#71
Anthracene
Concen: 60.717 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. -0.09 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion:178 Resp: 1615757

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	18.6	14.6	21.8

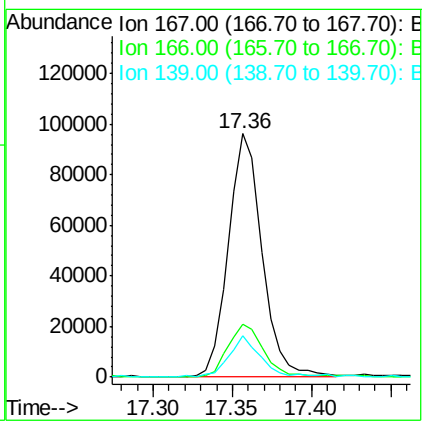


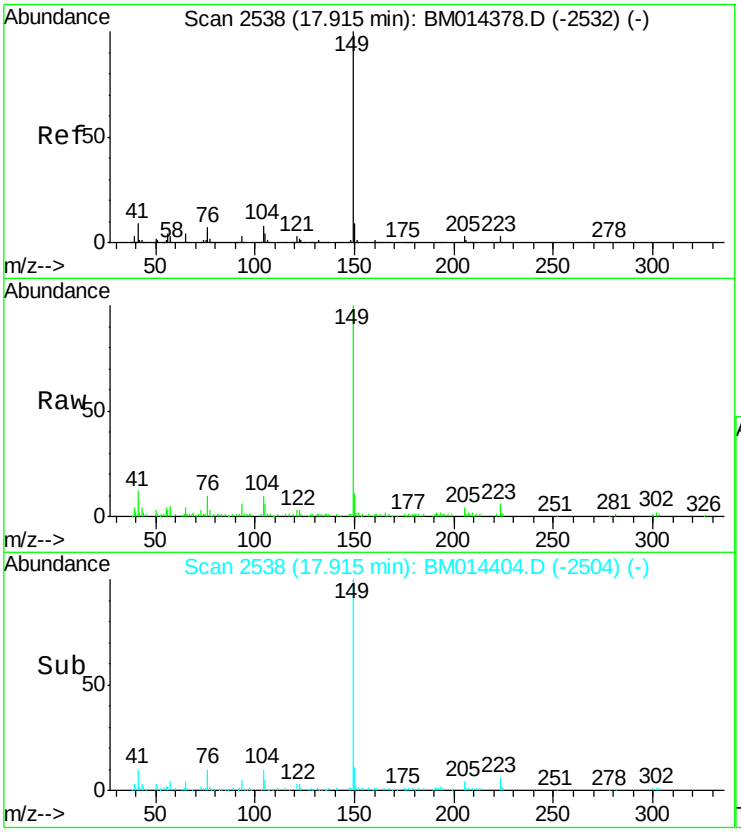


#72
Carbazole
Concen: 6.344 ng/ul
RT: 17.36 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Tgt Ion:167 Resp: 141963

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.1	25.7
139	17.0	10.0	15.0#



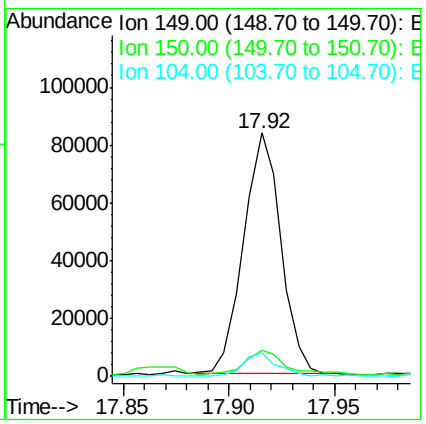


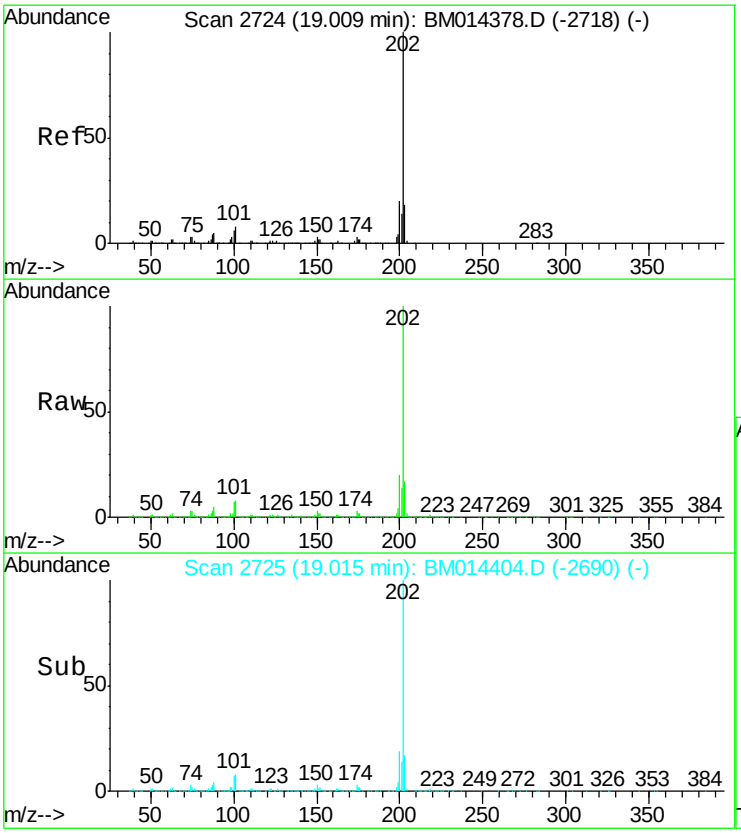
#73
Di-n-butylphthalate
Concen: 3.555 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Instrument : BNA_M
ClientSampleId : BE600

Tgt Ion:149 Resp: 102626

Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.1	10.7
104	9.9	5.6	8.4#

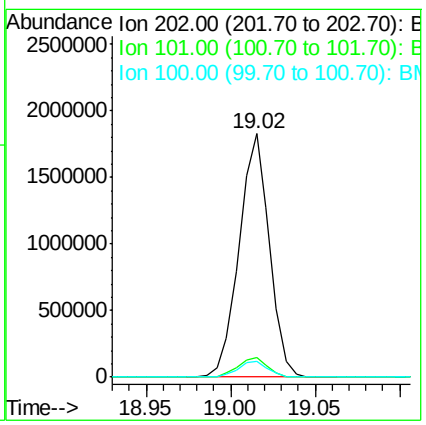


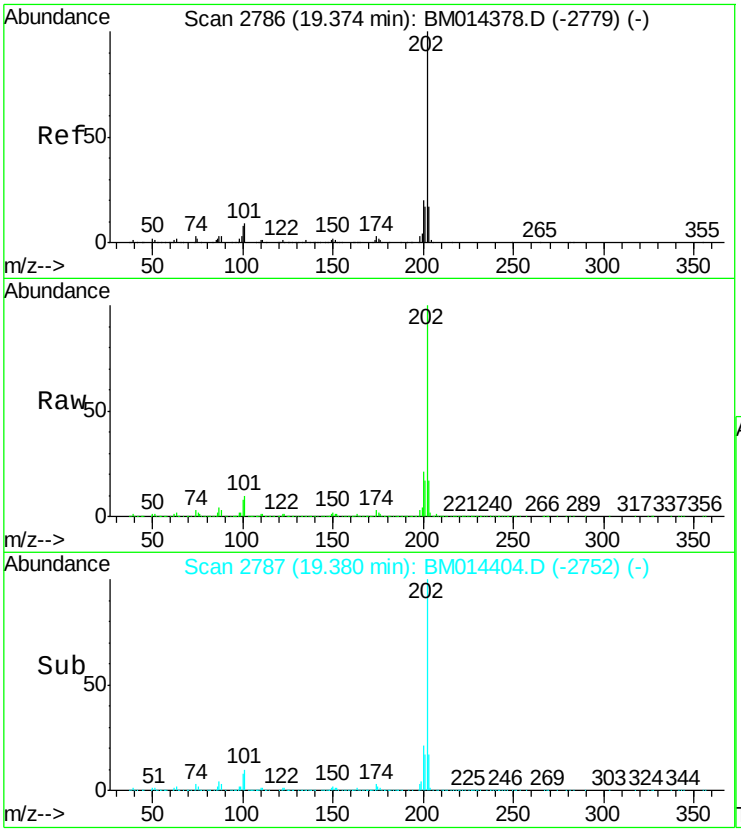


#74
Fluoranthene
Concen: 71.971 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. 0.01 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Tgt Ion:202 Resp: 2275286

Ion	Ratio	Lower	Upper
202	100		
101	7.8	4.6	7.0#
100	6.7	3.4	5.2#



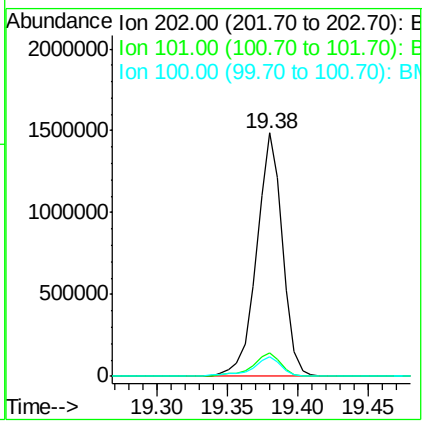


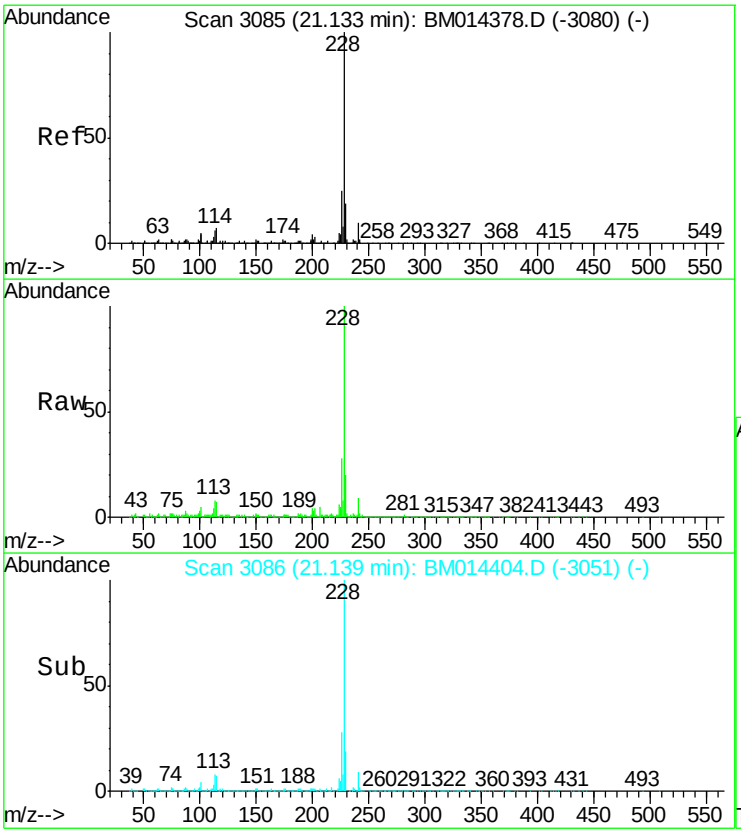
#77
Pyrene
Concen: 64.596 ng/ul
RT: 19.38 min Scan# 2787
Delta R.T. 0.01 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion:202 Resp: 1912354

Ion	Ratio	Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	7.9	4.9	7.3#

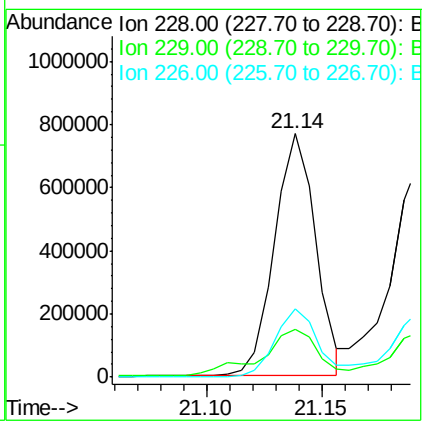


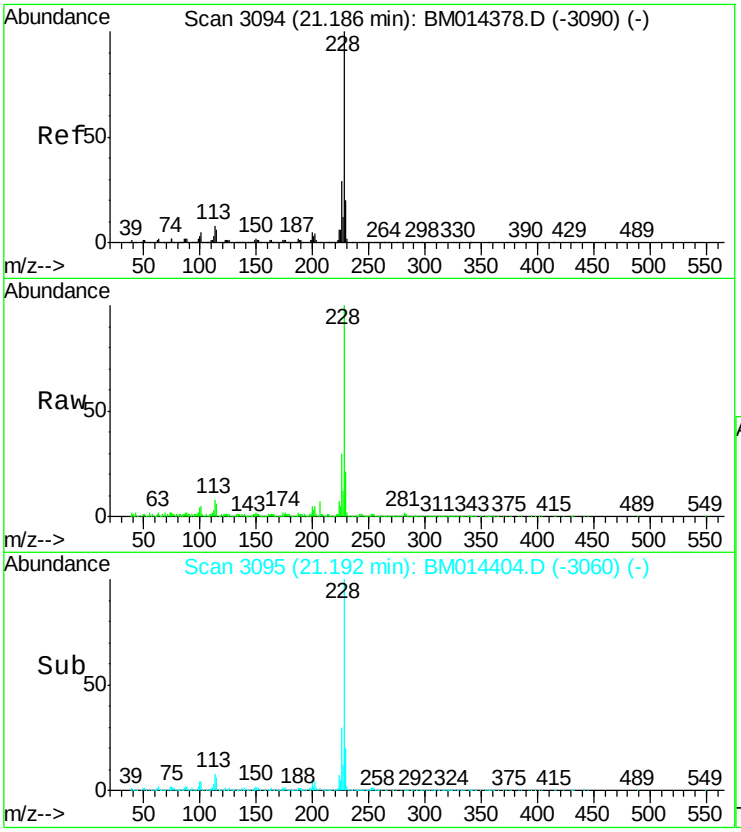


#80
Benzo(a)anthracene
Concen: 34.033 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Tgt Ion:228 Resp: 946180

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.4	23.0
226	27.9	21.4	32.0



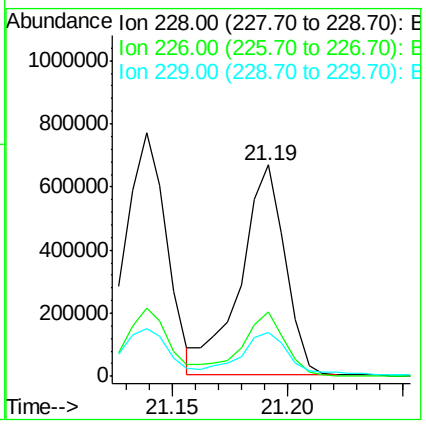


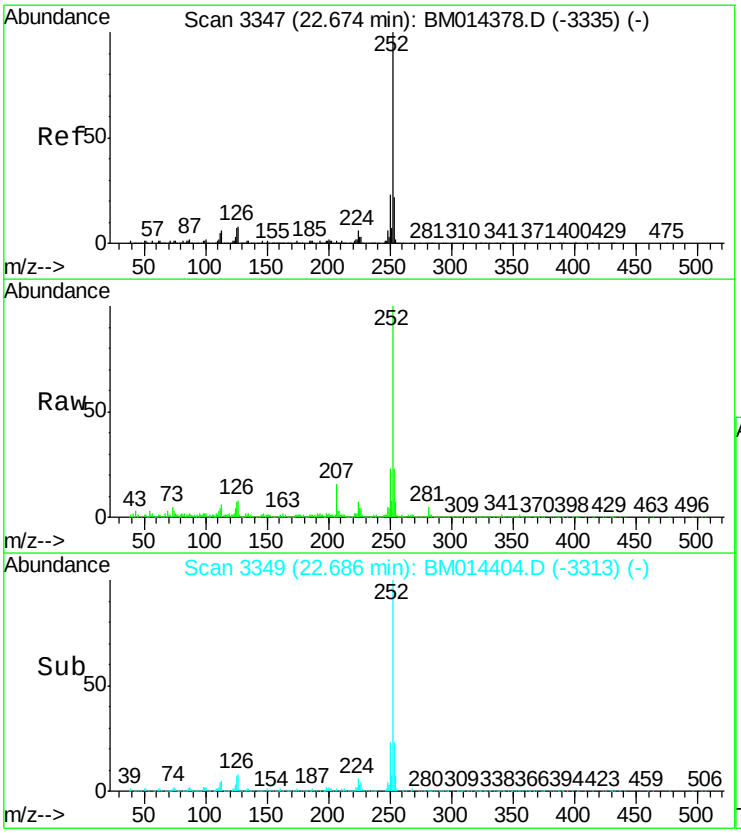
#82
Chrysene
Concen: 34.539 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion:228 Resp: 895796

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	20.7	15.5	23.3

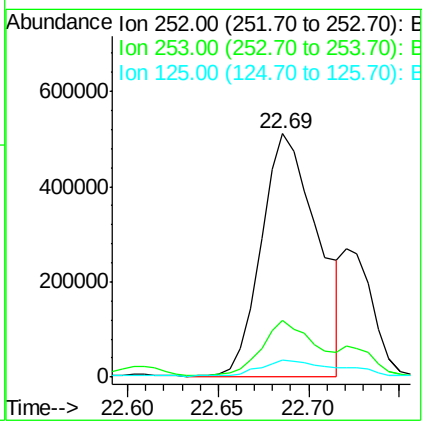


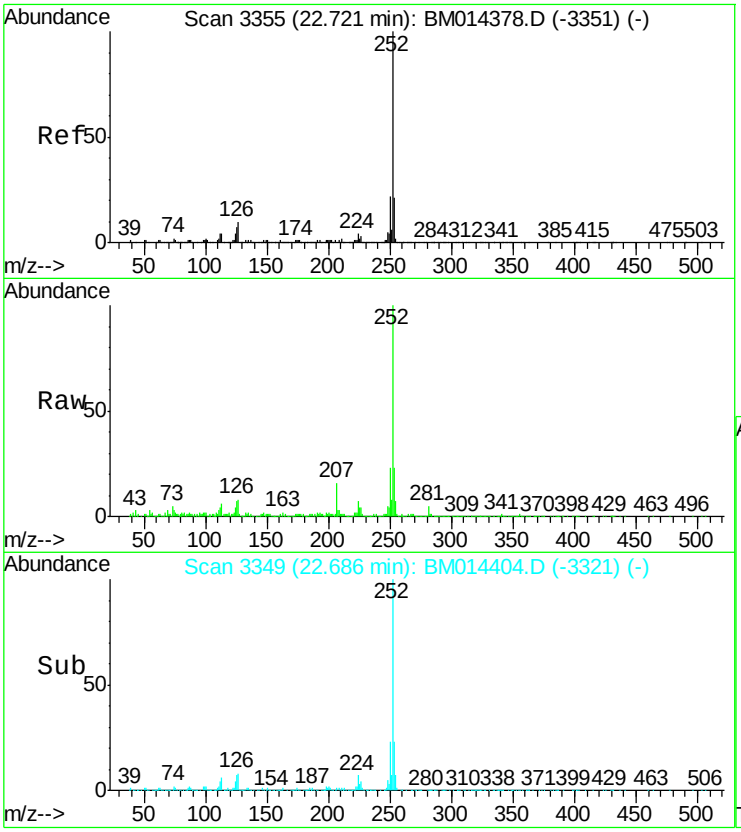


#85
Benzo(b)fluoranthene
Concen: 37.185 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Tgt Ion:252 Resp: 1103937

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	7.1	3.6	5.4#



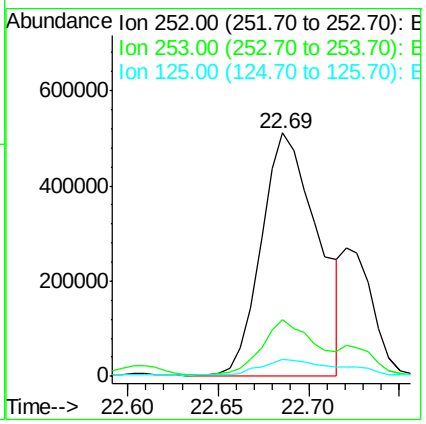


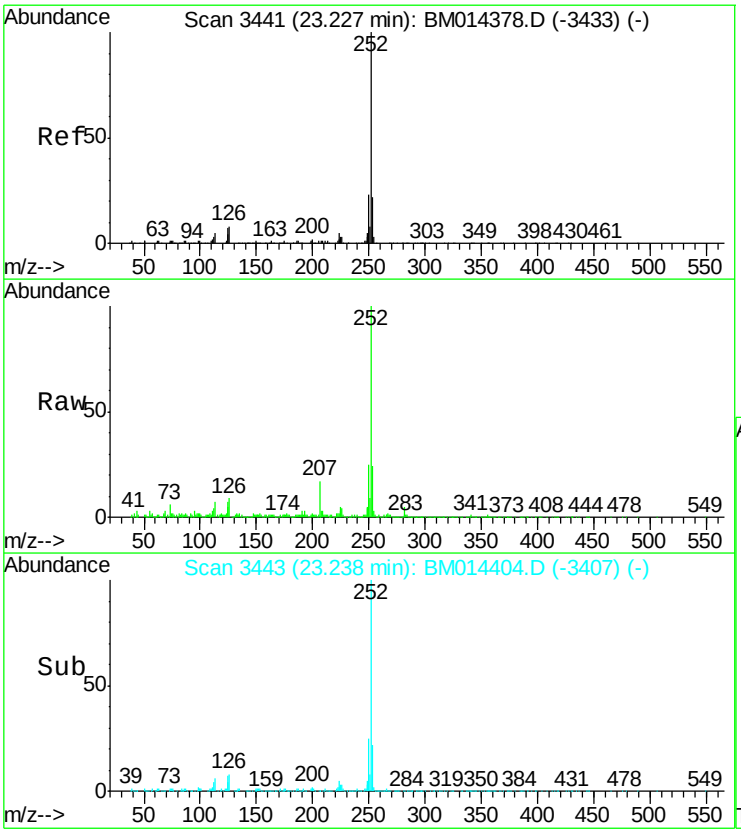
#86
Benzo(k)fluoranthene
Concen: 39.110 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion:252 Resp: 1103937

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	7.1	3.4	5.2#

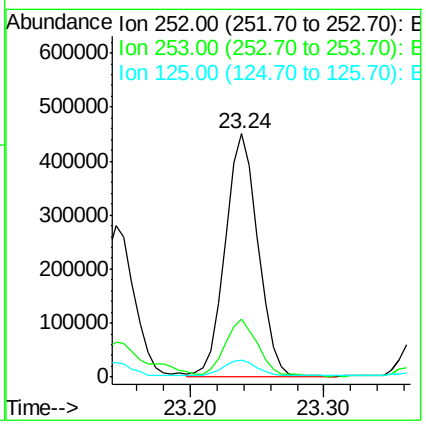


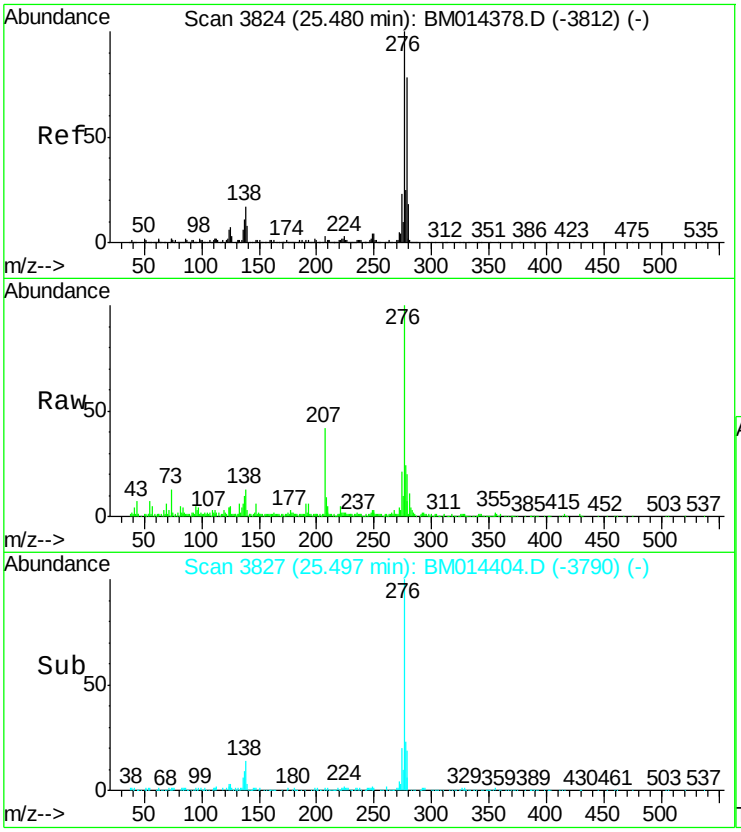


#88
Benzo(a)pyrene
Concen: 28.904 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Tgt Ion:252 Resp: 766805

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.2	27.2
125	7.2	4.0	6.0#



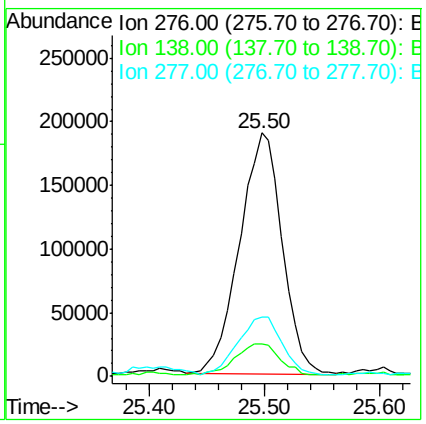


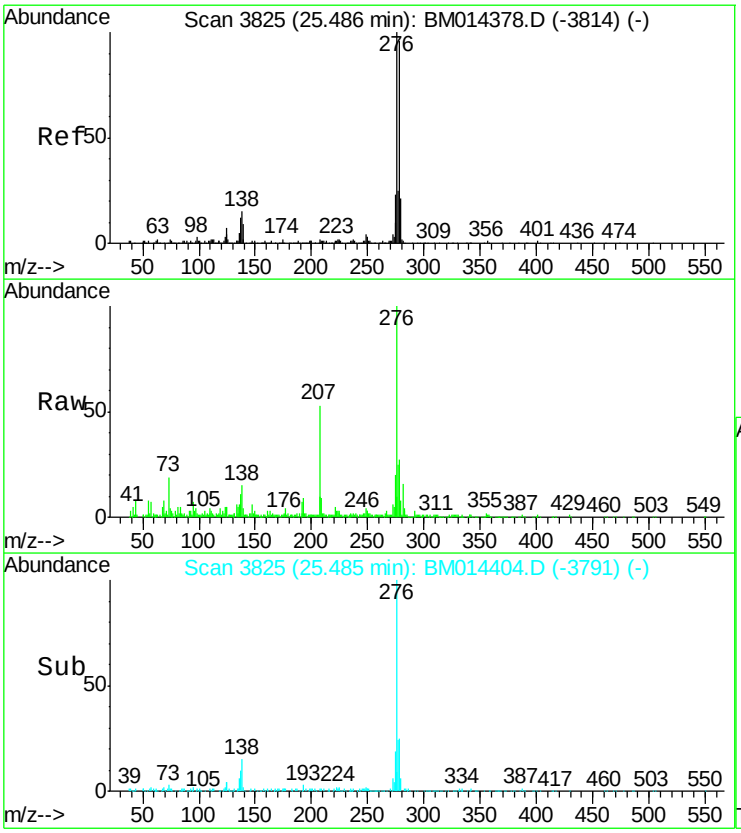
#89
Indeno(1,2,3-cd)pyrene
Concen: 18.959 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.02 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion:276 Resp: 488062

Ion	Ratio	Lower	Upper
276	100		
138	13.2	9.3	13.9
277	24.1	19.9	29.9

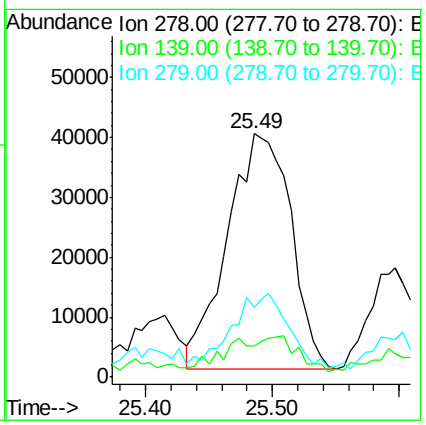


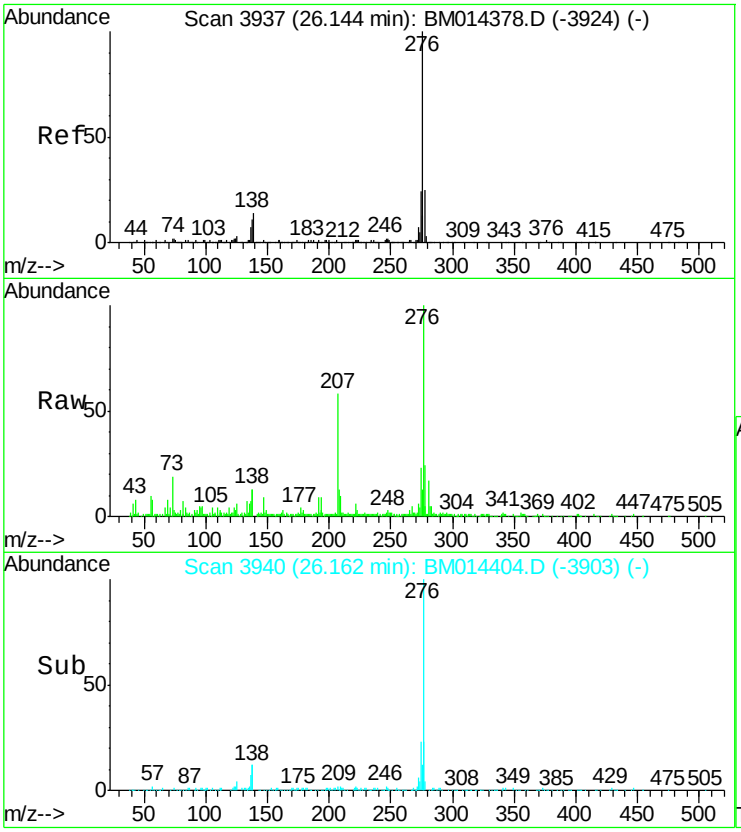


#90
Dibenzo(a,h)anthracene
Concen: 6.355 ng/ul
RT: 25.49 min Scan# 3825
Delta R.T. -0.00 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Tgt Ion:278 Resp: 135943

Ion	Ratio	Lower	Upper
278	100		
139	13.0	5.8	8.8#
279	28.4	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 18.594 ng/ul
RT: 26.16 min Scan# 3940
Delta R.T. 0.02 min
Lab File: BM014404.D
Acq: 28 Feb 2018 15:12

Instrument :
BNA_M
ClientSampleId :
BE600

Tgt Ion:276 Resp: 387771

Ion	Ratio	Lower	Upper
276	100		
138	12.7	8.5	12.7
277	24.3	18.6	28.0