Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013324.D
Acq On : 12 Dec 2017 03:08
Operator : SJ/JU
Sample : I6758-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 12 04:17:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	294678	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1305206	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	751955	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1625910	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1531984	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1248676	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	1912	0.32	ng/uL	0.00
5) Phenol-d5	6.87	99	39911	1.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	27404	1.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	34329	1.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	37305	1.71	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	18344	1.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	18783	1.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	36304	1.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	54571	2.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	137323	2.05	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	158525	1.92	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	12189	1.05	ng/ul	0.01
57) Fluorene-d10	15.33	176	113690	1.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	11346	1.11	ng/ul	0.00
70) Anthracene-d10	17.17	188	175910	2.16	ng/ul	0.00
76) Pyrene-d10	19.47	212	173148	2.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	120896	1.90	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.05	152	315672	4.131	ng/ul#	93
49) Acenaphthene	14.40	153	1897422	36.450	ng/ul	98
53) Dibenzofuran	14.73	168	1748774	22.756	ng/ul	98
58) Fluorene	15.39	166	2368562	37.257	ng/ul	99
60) 4-Nitroaniline	15.38	138	27034	1.964	ng/ul#	13
69) Phenanthrene	17.12	178	1605882	17.385	ng/ul	99
71) Anthracene	17.21	178	2182352	23.114	ng/ul	99
72) Carbazole	17.49	167	110849	1.365	ng/ul#	92
74) Fluoranthene	19.14	202	8859287	78.263	ng/ul#	90
77) Pyrene	19.51	202	6689819	71.878	ng/ul#	92
80) Benzo(a)anthracene	21.26	228	2356223	24.241	ng/ul	97
82) Chrysene	21.30	228	2389424	26.497	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	1988808	23.627	ng/ul#	98
86) Benzo(k)fluoranthene	22.83	252	1988808	25.107	ng/ul#	97
88) Benzo(a)pyrene	23.40	252	1185466	15.678	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.73	276	577076	7.692	ng/ul	96
90) Dibenzo(a,h)anthracene	25.73	278	170116	2.663	ng/ul#	92
91) Benzo(g,h,i)perylene	26.41	276	427139	7.218	ng/ul#	95

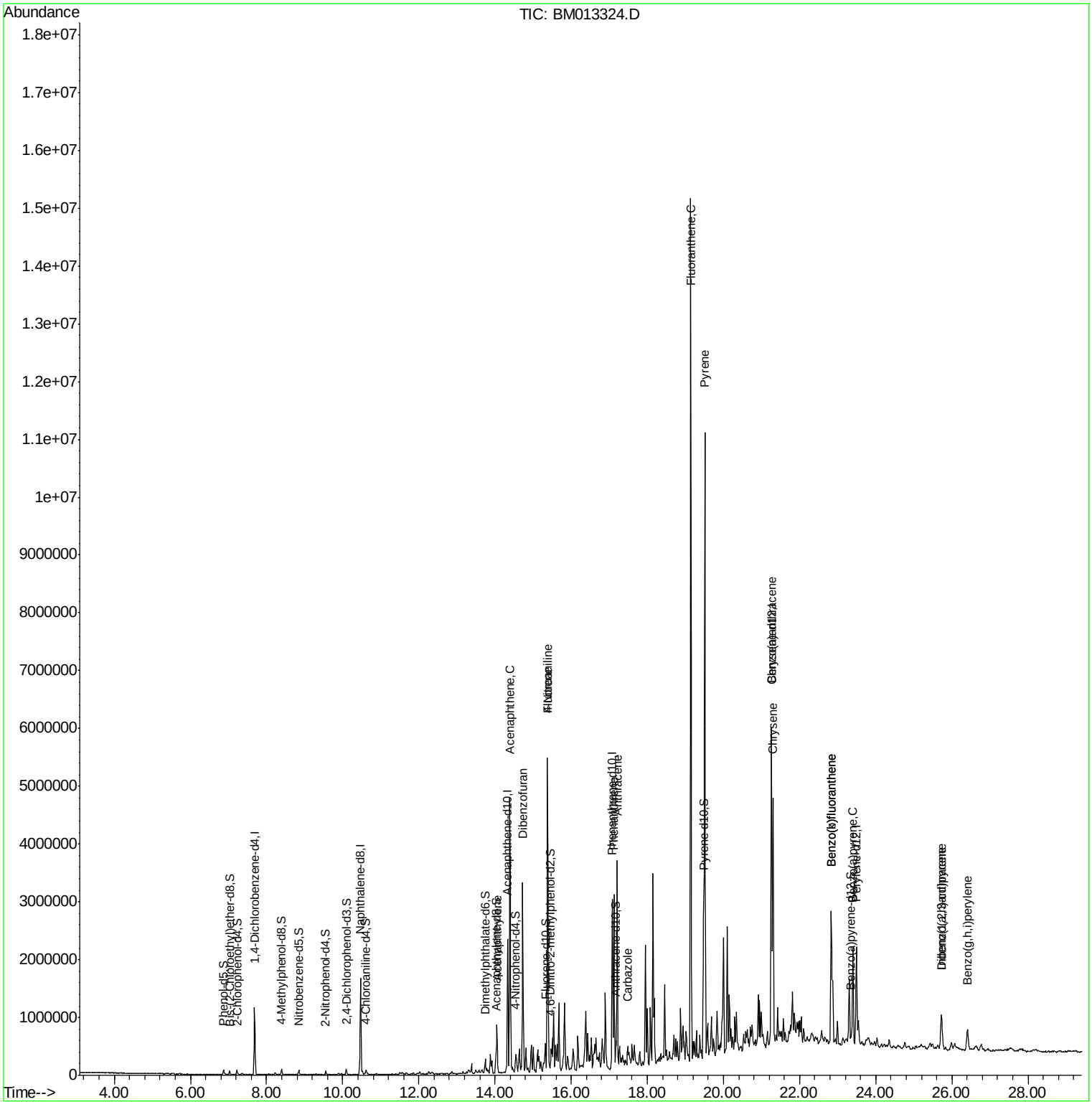
(#) = qualifier out of range (m) = manual integration (+) = signals summed

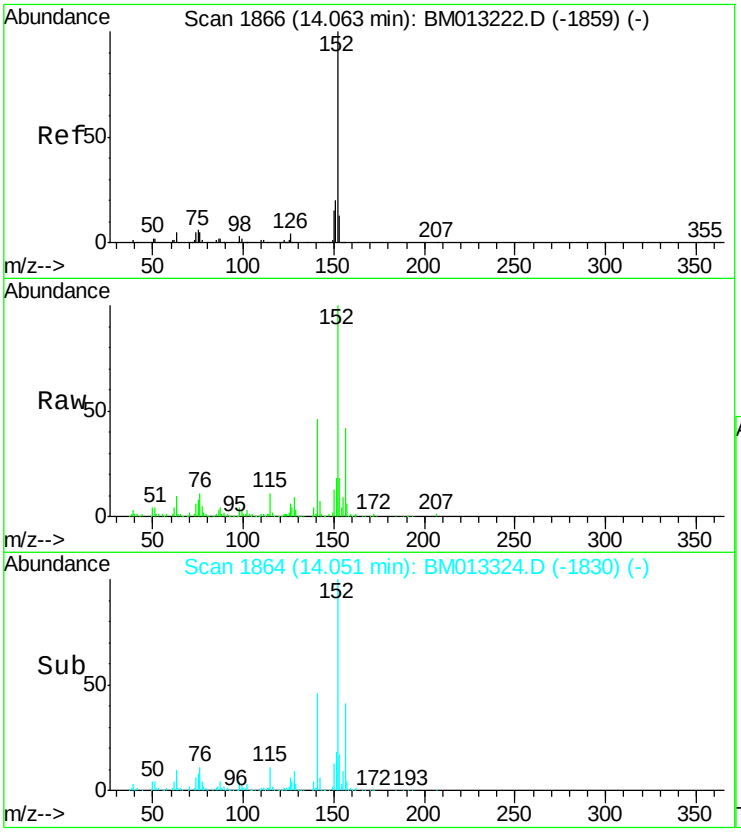
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013324.D
Acq On : 12 Dec 2017 03:08
Operator : SJ/JU
Sample : I6758-10 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 12 04:17:23 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration



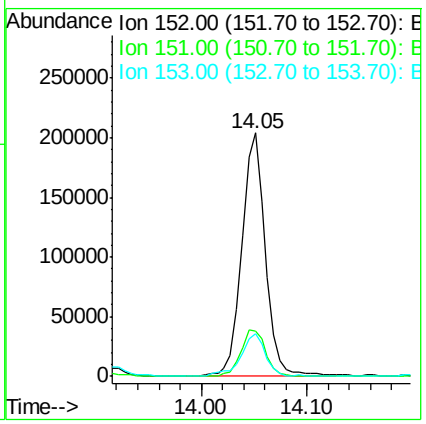


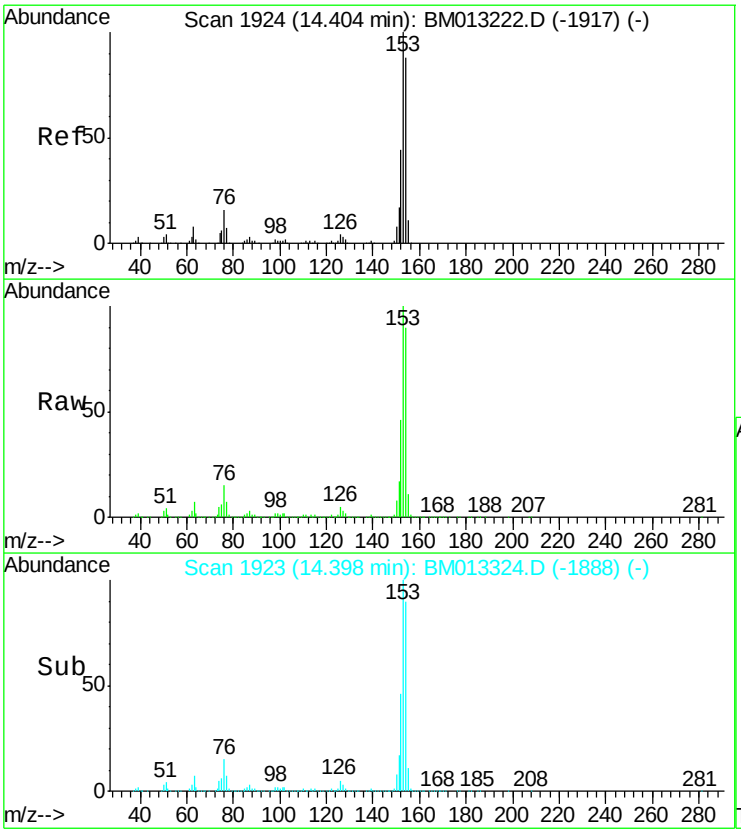
#47
Acenaphthylene
Concen: 4.131 ng/ul
RT: 14.05 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 315672

Ion	Ratio	Lower	Upper
152	100		
151	18.4	16.3	24.5
153	17.8	10.2	15.4#

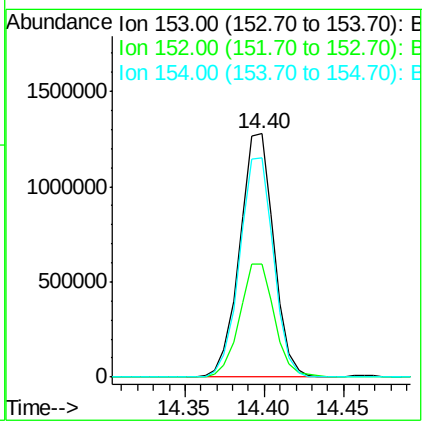


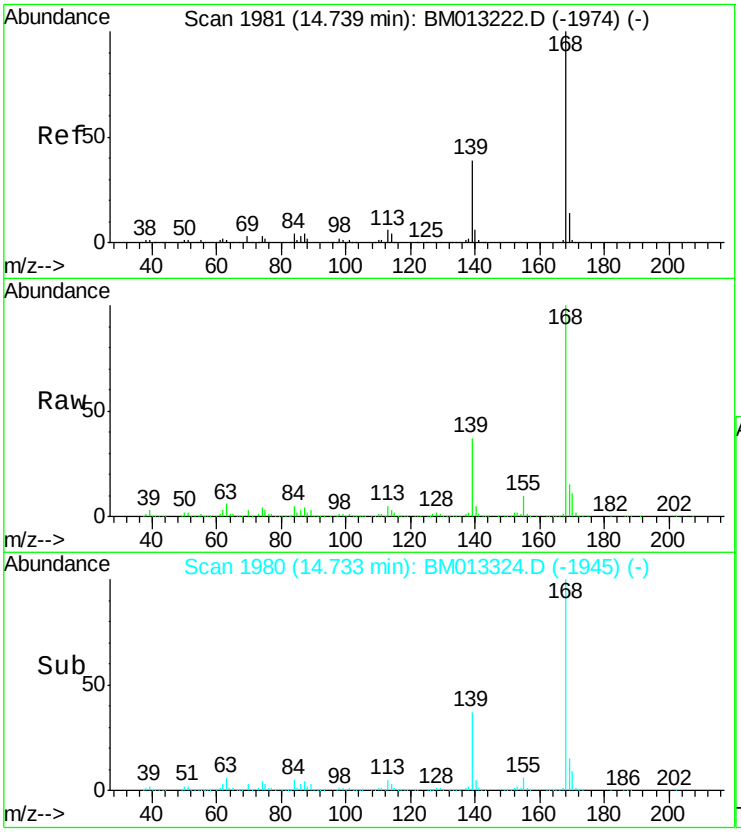


#49
Acenaphthene
Concen: 36.450 ng/ul
RT: 14.40 min Scan# 1923
Delta R.T. 0.01 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Tgt Ion:153 Resp: 1897422

Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.6	56.4
154	89.9	70.4	105.6



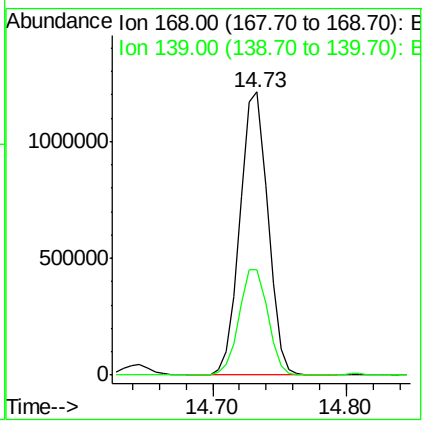


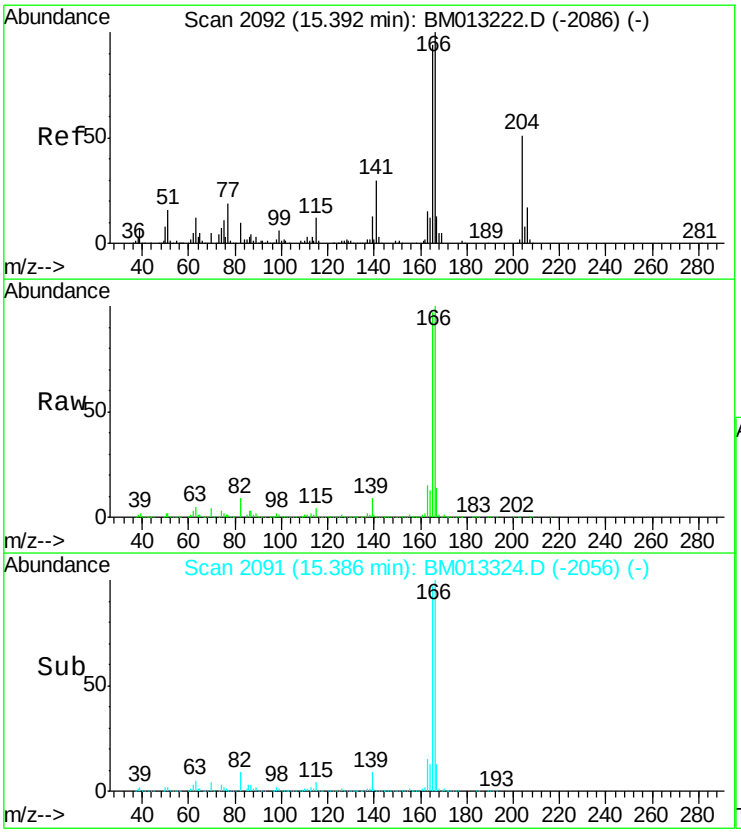
#53
Dibenzofuran
Concen: 22.756 ng/ul
RT: 14.73 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 1748774

Ion	Ratio	Lower	Upper
168	100		
139	37.1	30.8	46.2

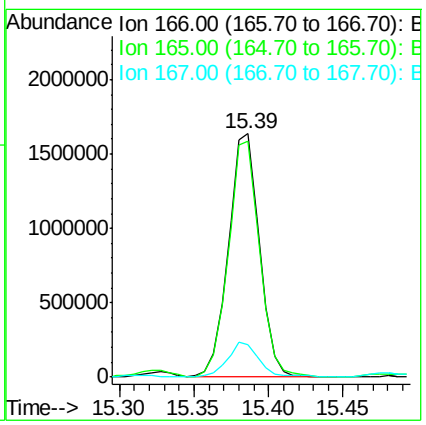


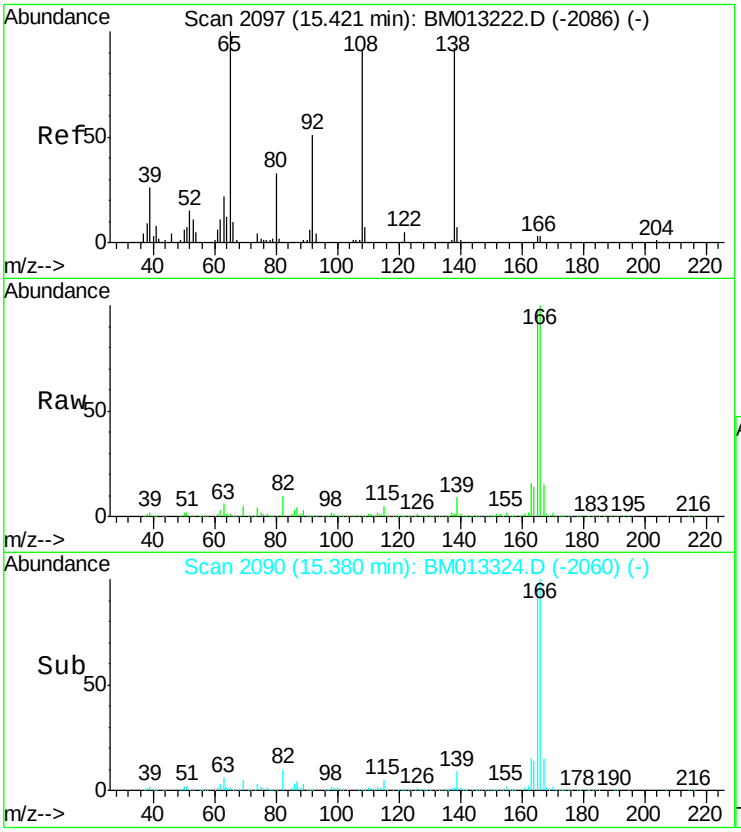


#58
Fluorene
Concen: 37.257 ng/ul
RT: 15.39 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Tgt Ion:166 Resp: 2368562

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.9	116.9
167	13.5	10.6	16.0



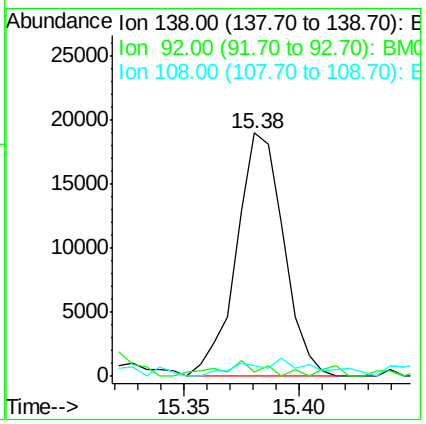


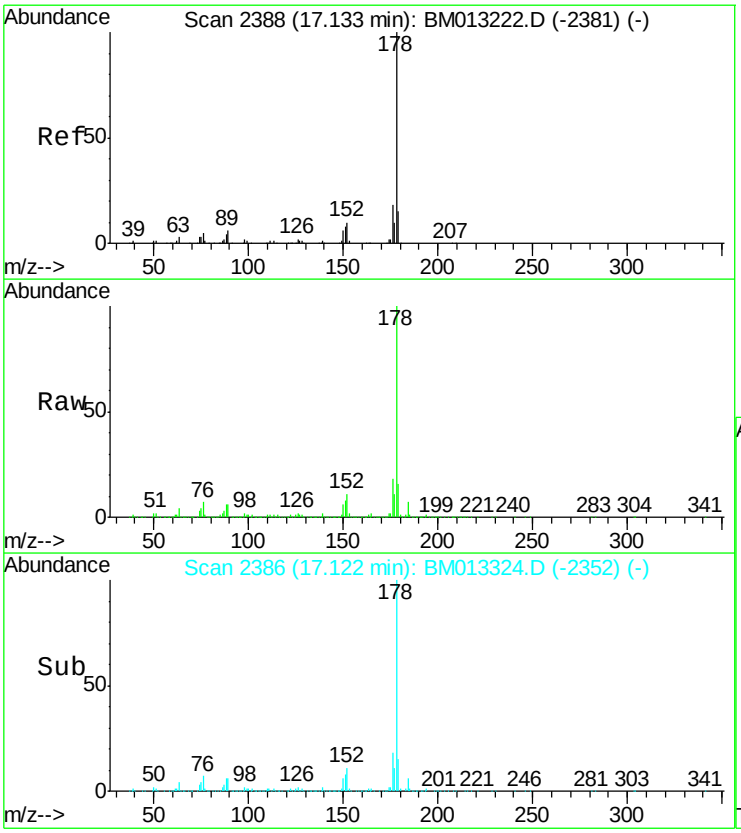
#60
4-Nitroaniline
Concen: 1.964 ng/ul
RT: 15.38 min Scan# 2090
Delta R.T. -0.02 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:138 Resp: 27034

Ion	Ratio	Lower	Upper
138	100		
92	1.7	40.0	60.0#
108	4.3	80.0	120.0#

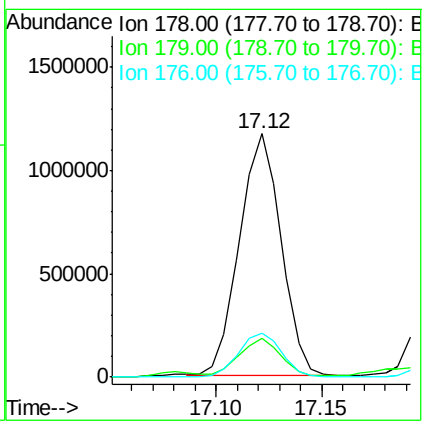


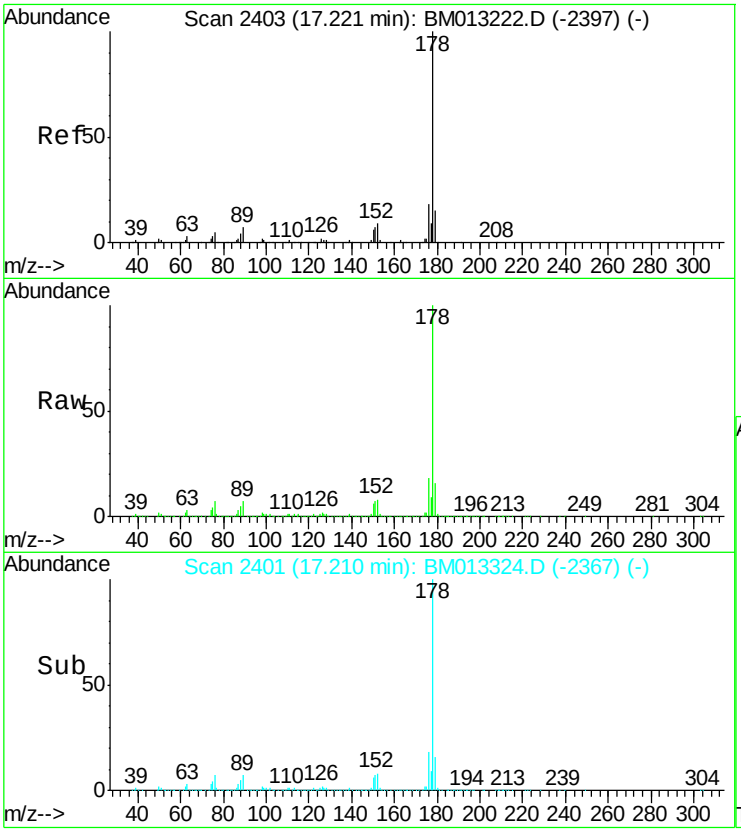


#69
Phenanthrene
Concen: 17.385 ng/ul
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Tgt Ion:178 Resp: 1605882

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	18.2	14.9	22.3



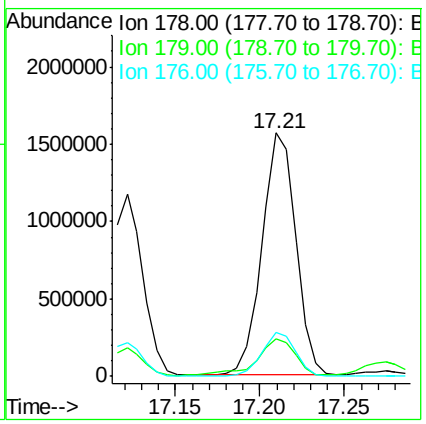


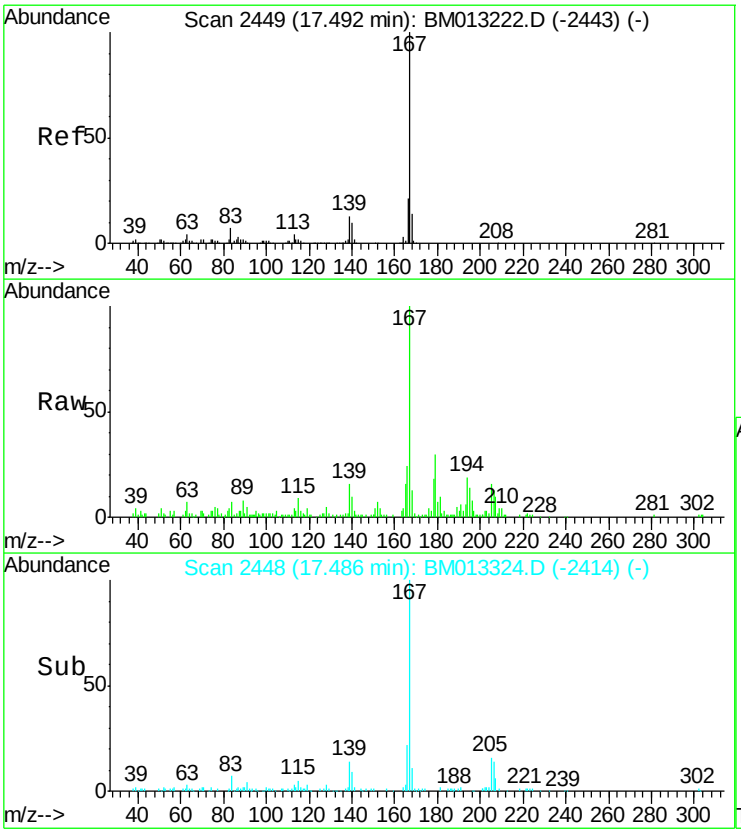
#71
Anthracene
Concen: 23.114 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 2182352

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	17.9	14.6	21.8

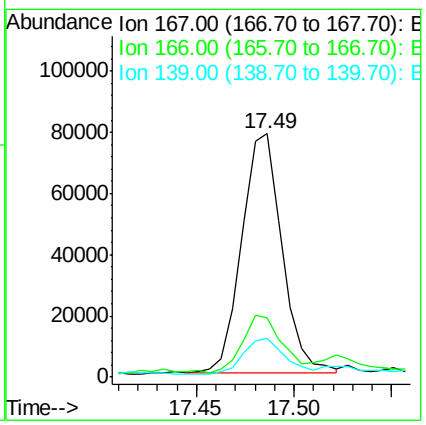


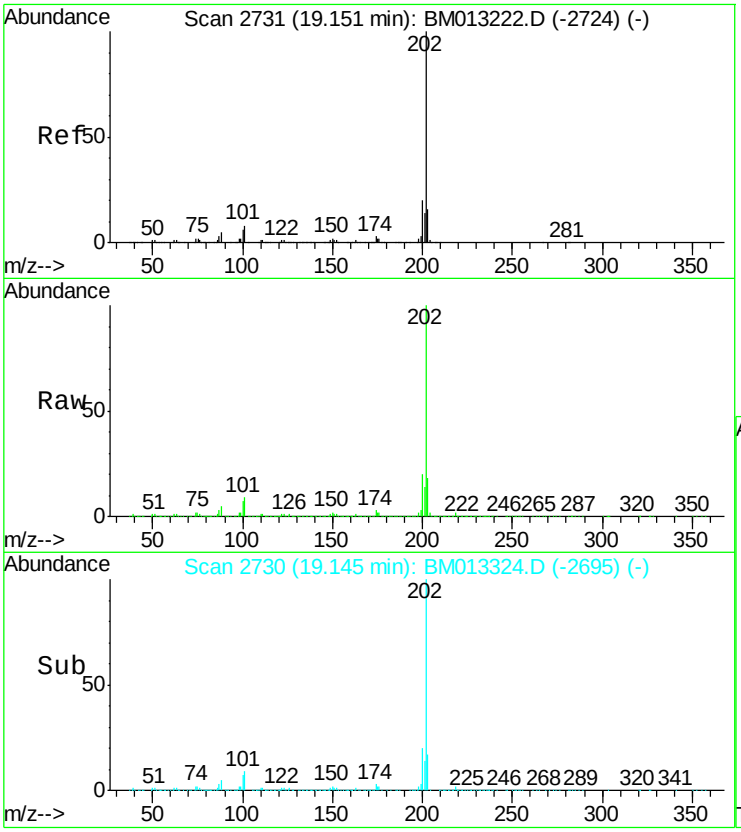


#72
Carbazole
Concen: 1.365 ng/ul
RT: 17.49 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Tgt Ion:167 Resp: 110849

Ion	Ratio	Lower	Upper
167	100		
166	24.5	17.1	25.7
139	16.2	10.0	15.0#



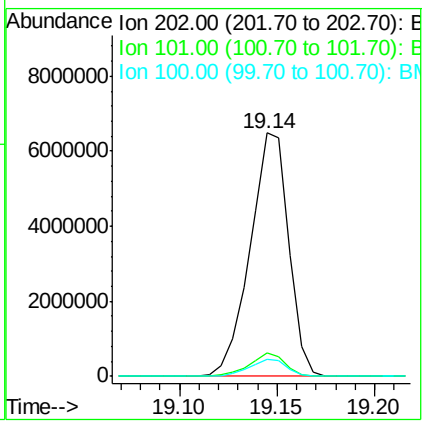


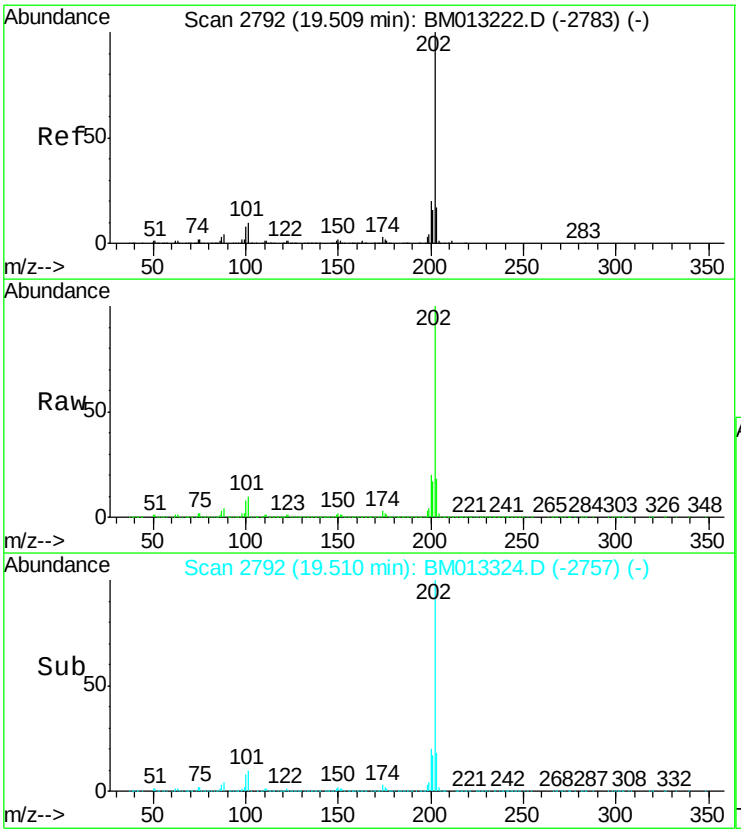
#74
Fluoranthene
Concen: 78.263 ng/ul
RT: 19.14 min Scan# 2730
Delta R.T. 0.01 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 8859287

Ion	Ratio	Lower	Upper
202	100		
101	9.5	4.6	7.0#
100	7.1	3.4	5.2#

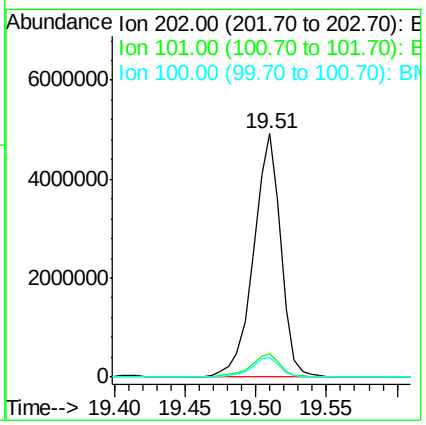


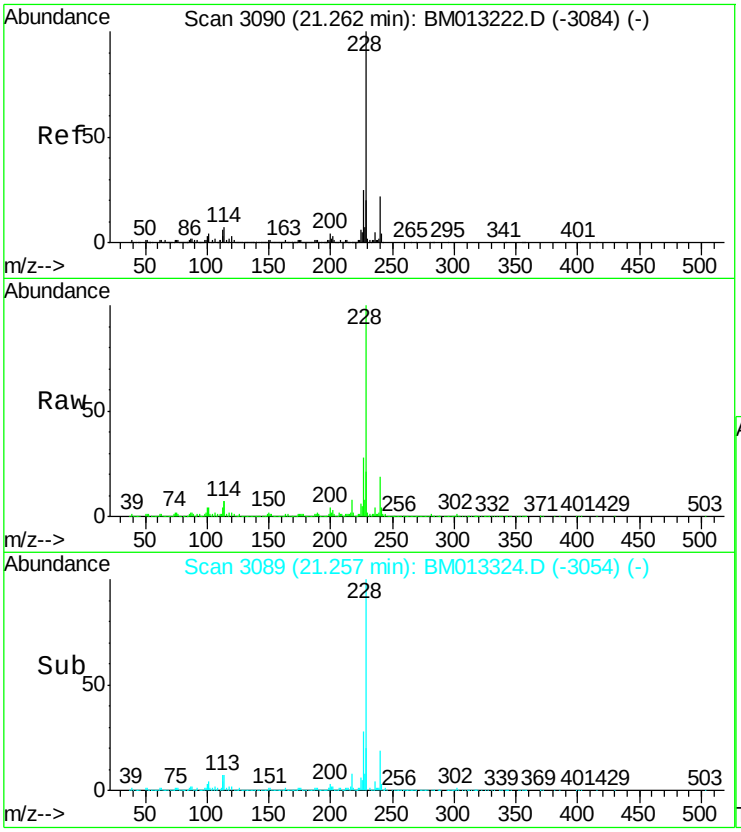


#77
Pyrene
Concen: 71.878 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Tgt Ion:202 Resp: 6689819

Ion	Ratio	Lower	Upper
202	100		
101	9.7	5.1	7.7#
100	8.0	4.9	7.3#



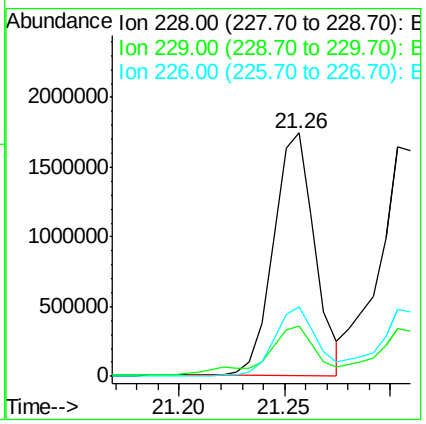


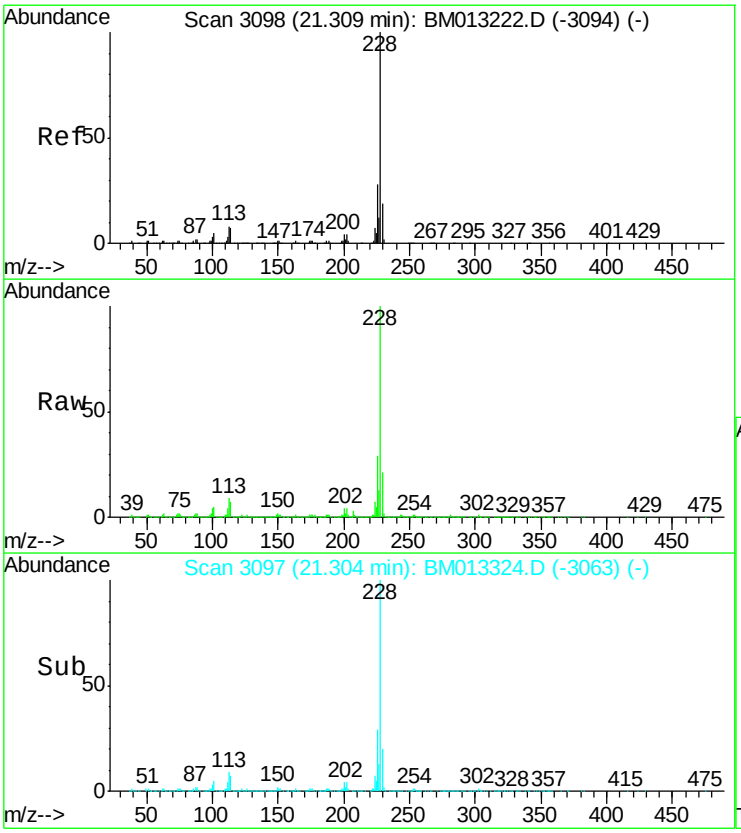
#80
Benzo(a)anthracene
Concen: 24.241 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2356223

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	28.3	21.4	32.0

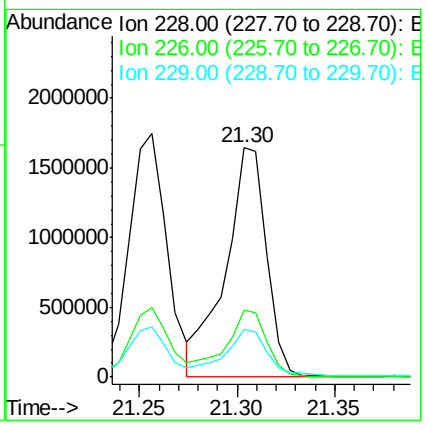


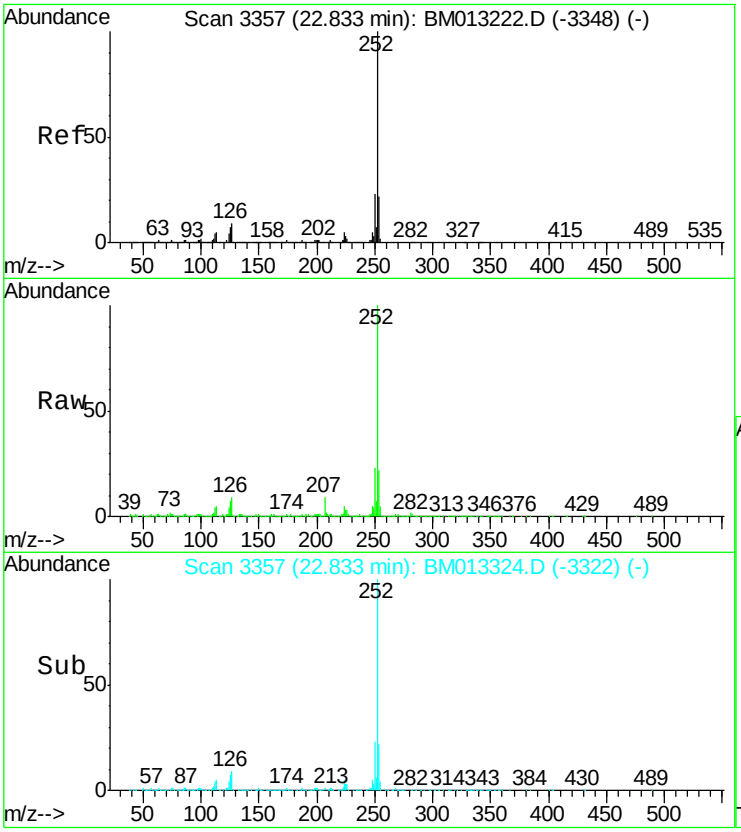


#82
Chrysene
Concen: 26.497 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Tgt Ion:228 Resp: 2389424

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	21.0	15.5	23.3



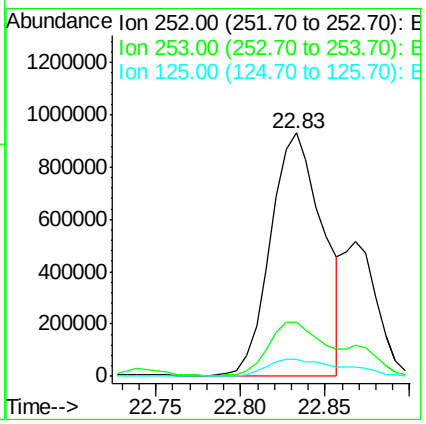


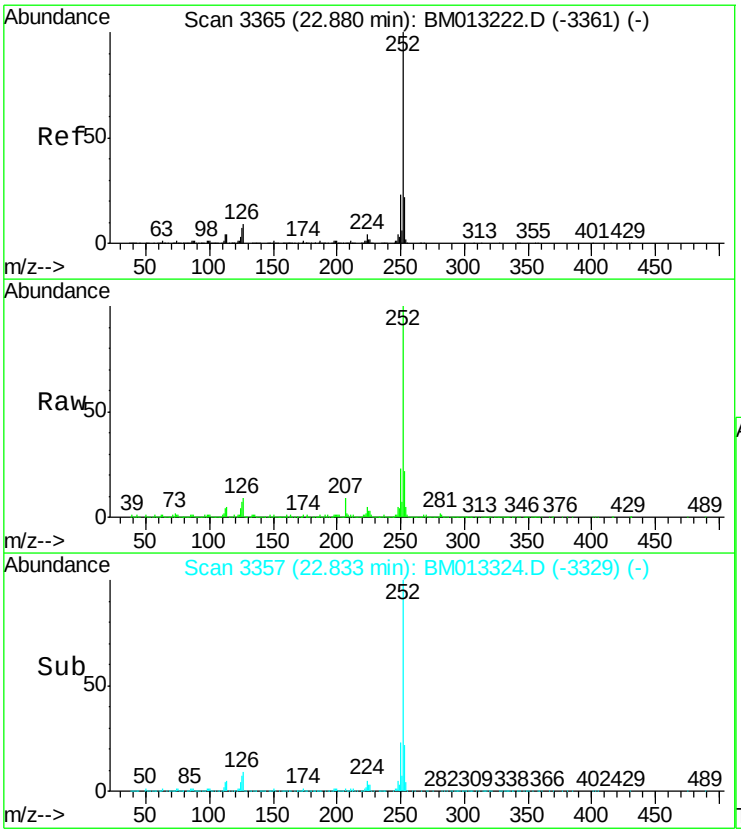
#85
Benzo(b)fluoranthene
Concen: 23.627 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1988808

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	7.1	3.6	5.4#

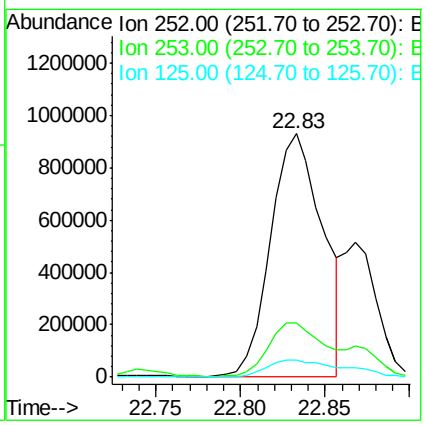


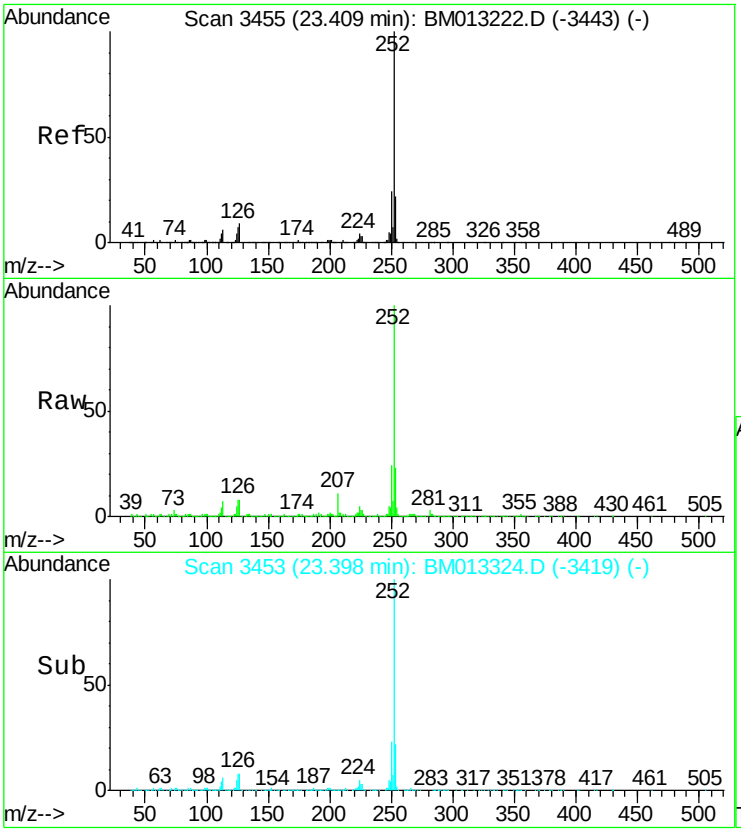


#86
Benzo(k)fluoranthene
Concen: 25.107 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. -0.04 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Tgt Ion:252 Resp: 1988808

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	7.1	3.4	5.2#



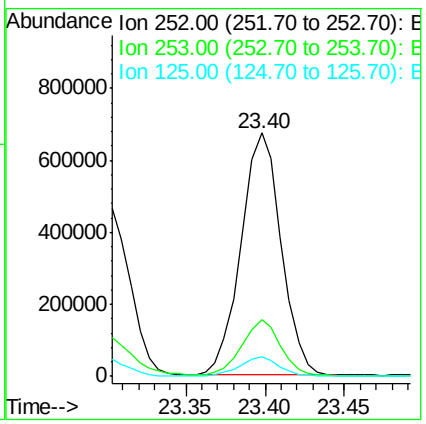


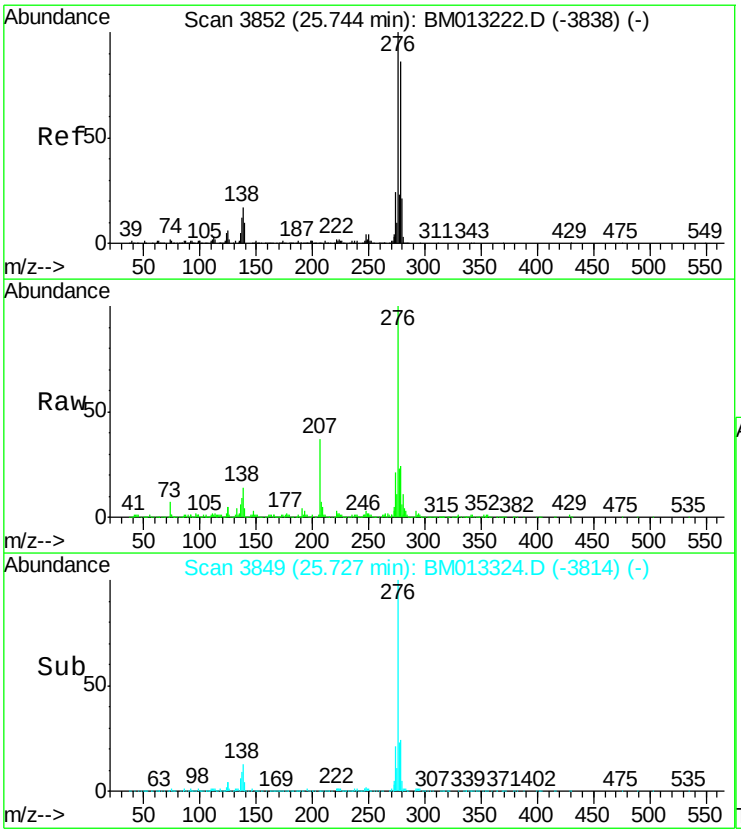
#88
Benzo(a)pyrene
Concen: 15.678 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1185466

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	7.9	4.0	6.0#

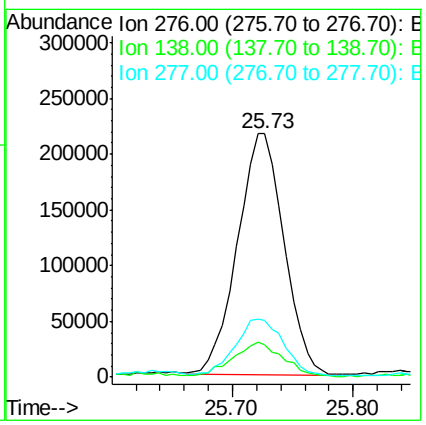


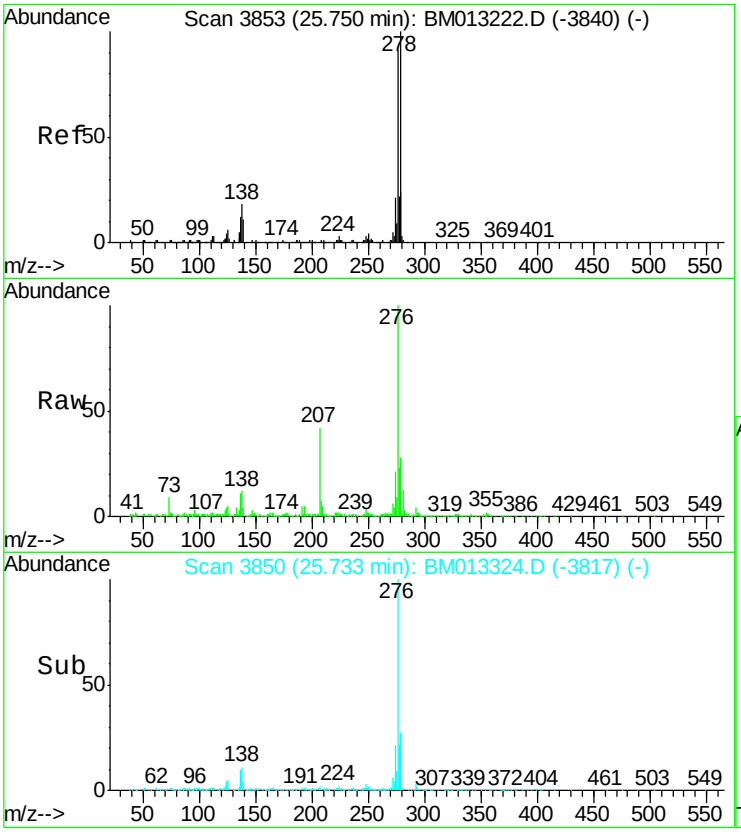


#89
Indeno(1,2,3-cd)pyrene
Concen: 7.692 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. 0.01 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Tgt Ion:276 Resp: 577076

Ion	Ratio	Lower	Upper
276	100		
138	13.6	9.3	13.9
277	23.5	19.9	29.9



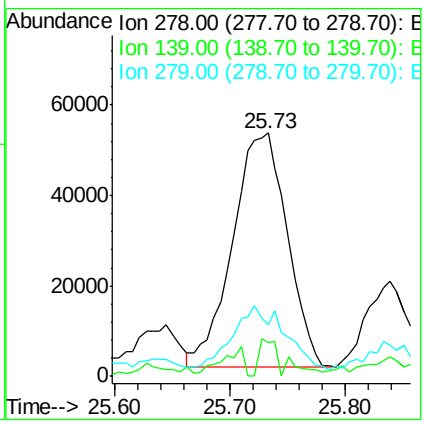


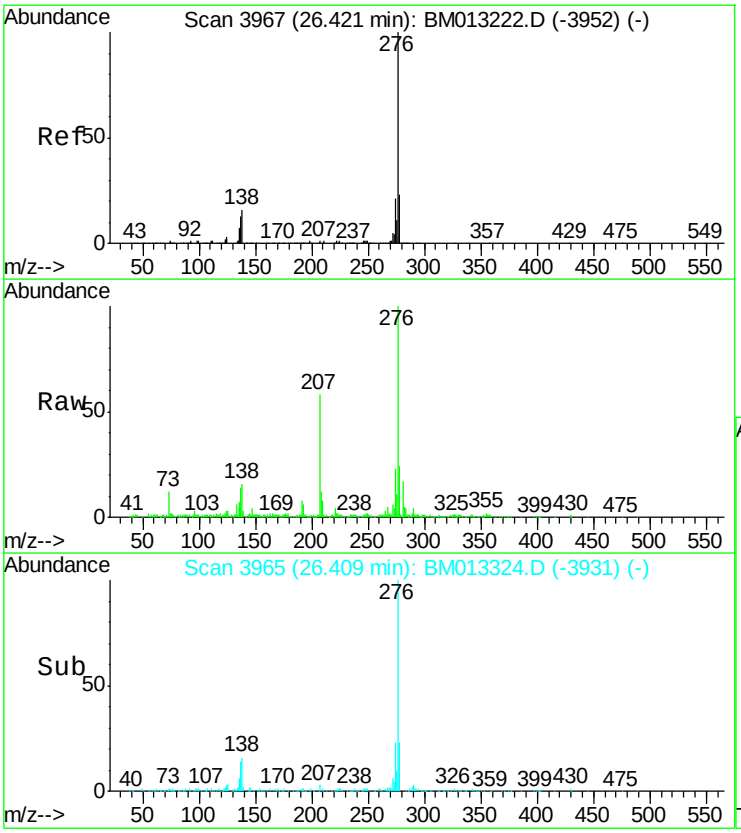
#90
Dibenzo(a,h)anthracene
Concen: 2.663 ng/ul
RT: 25.73 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 170116

Ion	Ratio	Lower	Upper
278	100		
139	13.7	5.8	8.8#
279	21.1	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 7.218 ng/ul
RT: 26.41 min Scan# 3965
Delta R.T. -0.00 min
Lab File: BM013324.D
Acq: 12 Dec 2017 03:08

Tgt Ion:276 Resp: 427139

Ion	Ratio	Lower	Upper
276	100		
138	16.0	8.5	12.7#
277	23.9	18.6	28.0