Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001844.D
Acq On : 06 Jul 2015 19:46
Operator : TP/UM
Sample : G2860-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93J5

Quant Time: Jul 07 06:35:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 04:02:33 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	63110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	244905	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	144870	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	328247	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	401292	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	408758	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	4747	3.59	ng/uL	0.00
5) Phenol-d5	6.83	99	97236	20.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	56888	20.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	81743	21.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	80027	20.57	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	37684	22.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	42720	23.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	82542	20.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	106424	26.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	230616	21.47	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	301967	21.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	36326	18.33	ng/ul	0.00
57) Fluorene-d10	15.31	176	218727	21.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	26461	13.20	ng/ul	0.00
70) Anthracene-d10	17.16	188	334183	21.86	ng/ul	0.00
78) Pyrene-d10	19.46	212	391072	23.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	398461	22.11	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.50	128	363994	29.44	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	167061	18.68	ng/ul	99
44) Dimethylphthalate	13.77	163	44155	3.76	ng/ul	99
47) Acenaphthylene	14.04	152	36087	2.51	ng/ul#	95
49) Acenaphthene	14.38	153	69077	7.20	ng/ul	97
53) Dibenzofuran	14.72	168	21261	1.55	ng/ul	97
58) Fluorene	15.37	166	91233	7.98	ng/ul	98
69) Phenanthrene	17.10	178	459666	25.83	ng/ul	99
71) Anthracene	17.19	178	112450	6.15	ng/ul	100
76) Fluoranthene	19.12	202	194337	9.13	ng/ul	100
79) Pyrene	19.49	202	264478	11.88	ng/ul	99
82) Benzo(a)anthracene	21.24	228	102665	4.38	ng/ul	94
84) Chrysene	21.29	228	89161	4.01	ng/ul	98
87) Benzo(b)fluoranthene	22.81	252	74223	3.12	ng/ul#	96
90) Benzo(a)pyrene	23.38	252	78113	3.37	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.70	276	35559	1.30	ng/ul#	95
93) Benzo(g,h,i)perylene	26.40	276	35796	1.55	ng/ul	97

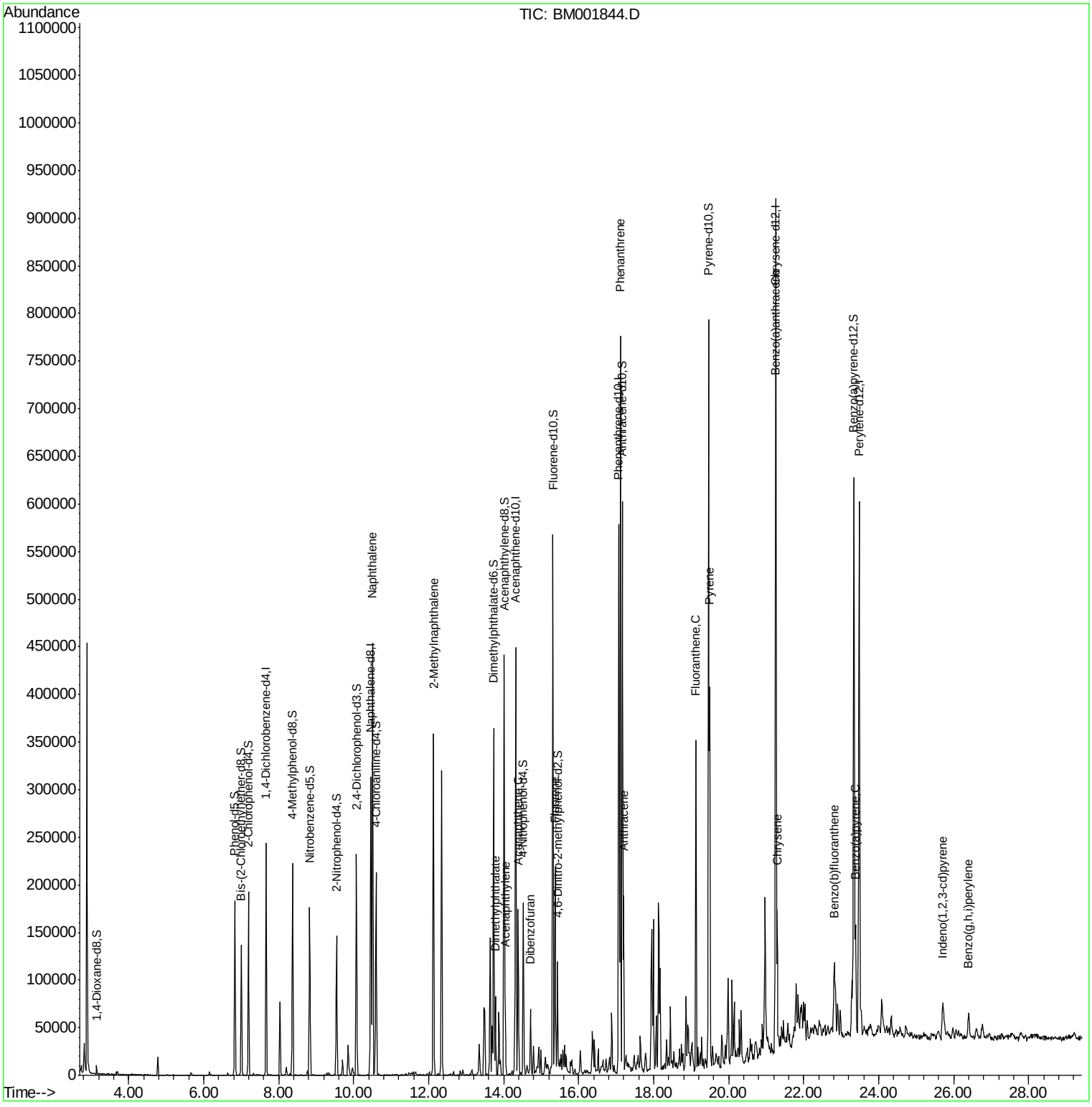
(#) = qualifier out of range (m) = manual integration (+) = signals summed

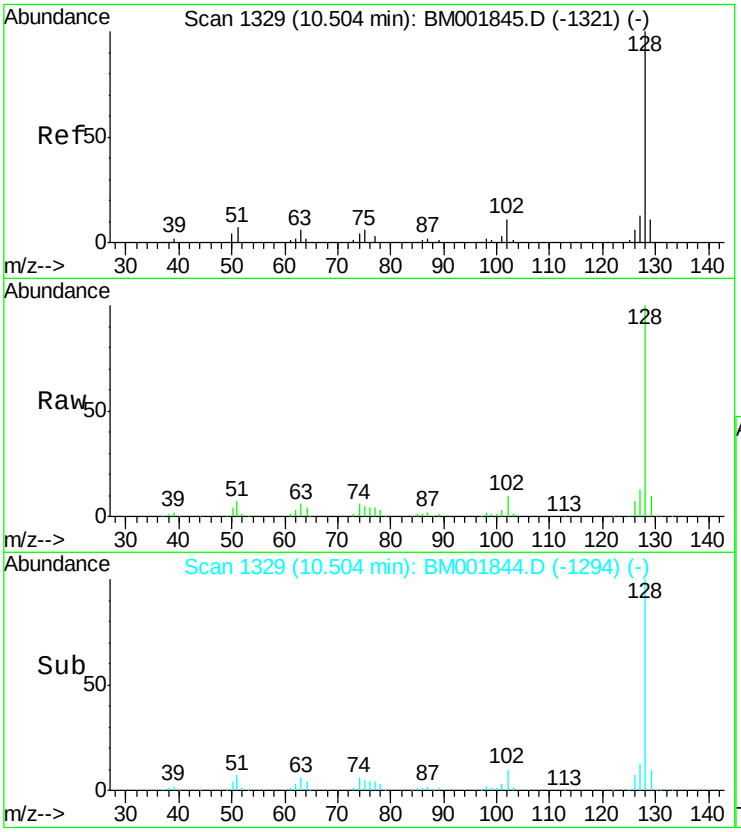
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001844.D
Acq On : 06 Jul 2015 19:46
Operator : TP/UM
Sample : G2860-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G93J5

Quant Time: Jul 07 06:35:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 07 04:02:33 2015
Response via : Initial Calibration



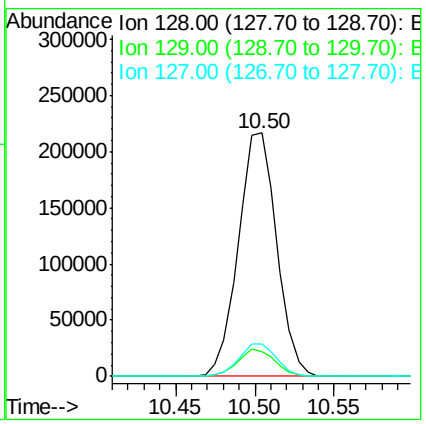


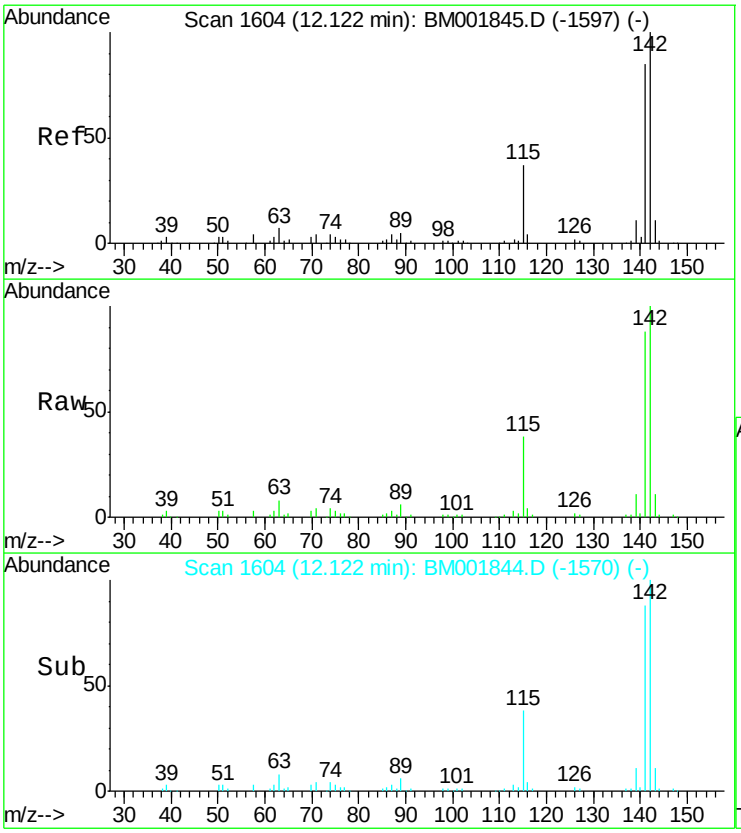
#28
Naphthalene
Concen: 29.44 ng/ul
RT: 10.50 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Instrument :
BNA_M
ClientSampleId :
G93J5

Tgt Ion:128 Resp: 363994

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.7	13.1
127	13.4	10.0	15.0

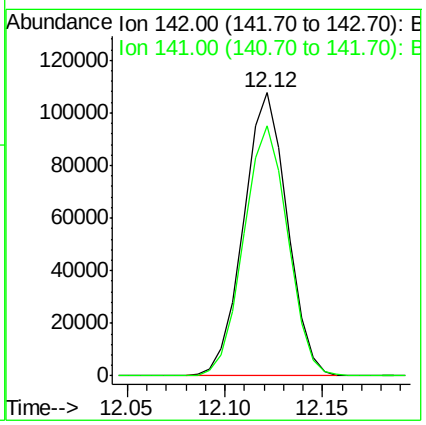


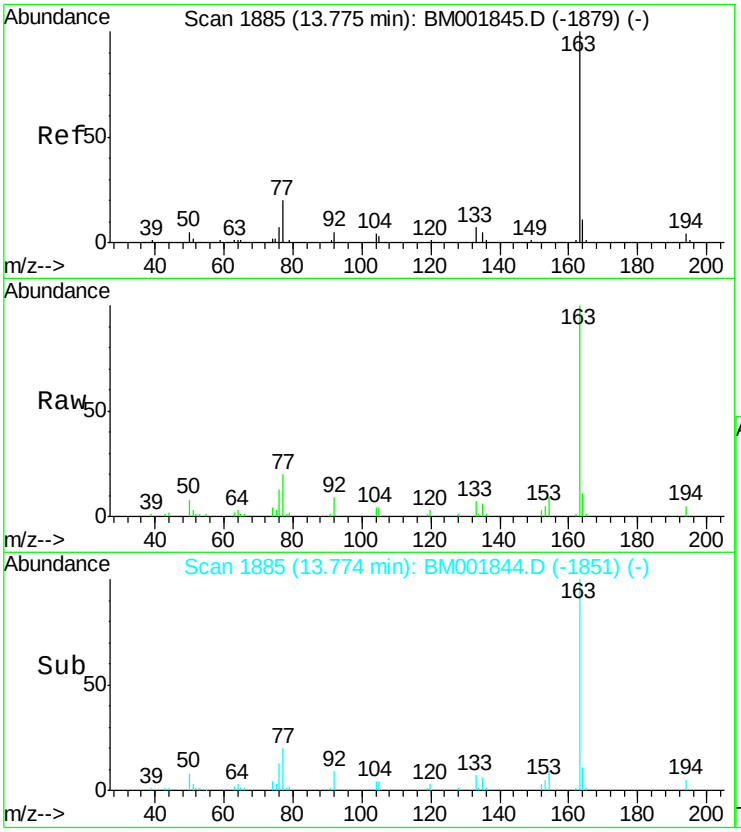


#34
2-Methylnaphthalene
Concen: 18.68 ng/ul
RT: 12.12 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Tgt Ion:142 Resp: 167061

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4



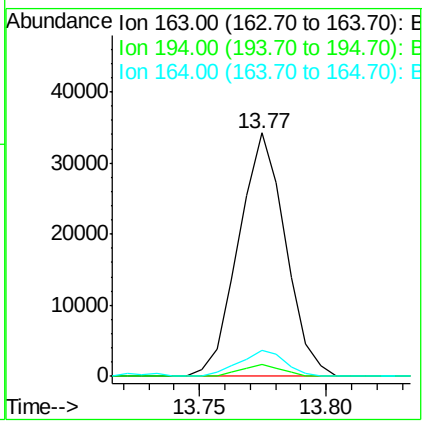


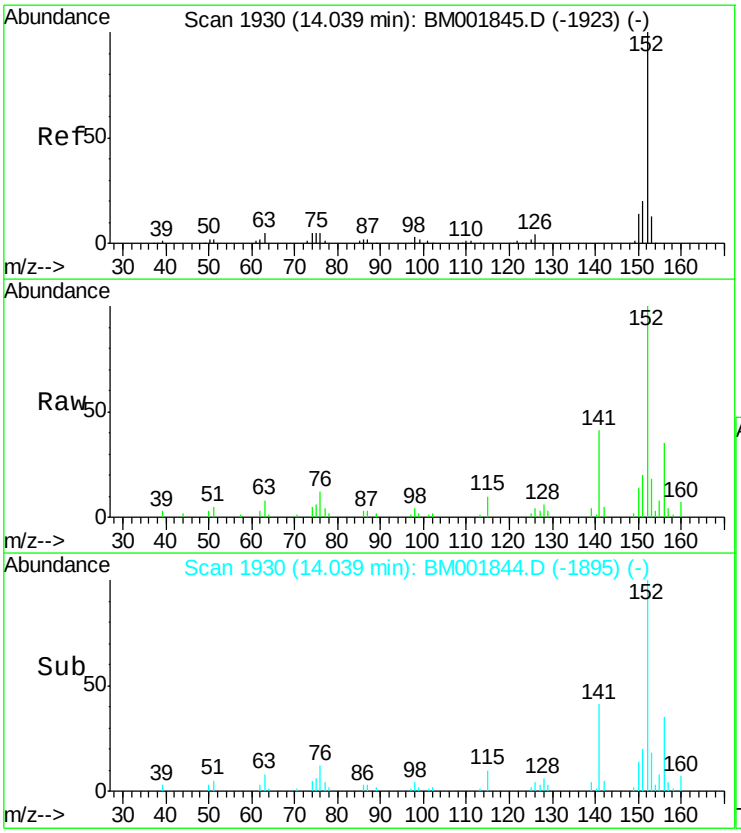
#44
Dimethylphthalate
Concen: 3.76 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Instrument :
BNA_M
ClientSampleId :
G93J5

Tgt Ion:163 Resp: 44155

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.6	5.4
164	10.5	8.0	12.0

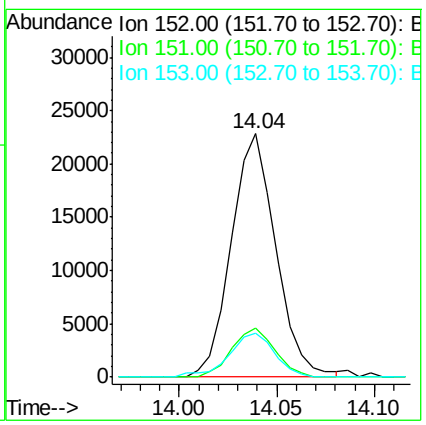


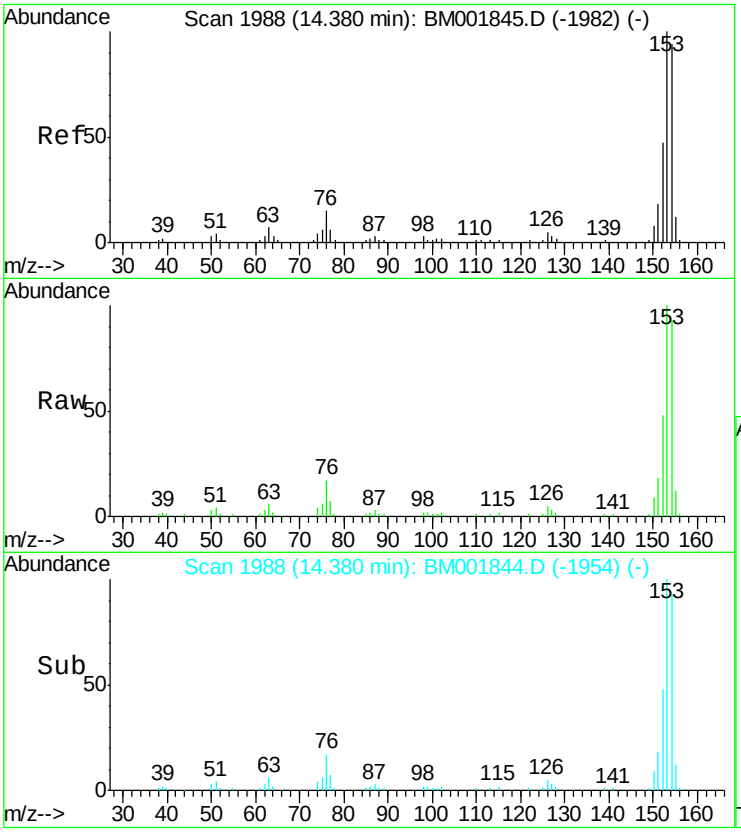


#47
Acenaphthylene
Concen: 2.51 ng/ul
RT: 14.04 min Scan# 1930
Delta R.T. 0.01 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Tgt Ion:152 Resp: 36087

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	18.0	10.0	15.0#



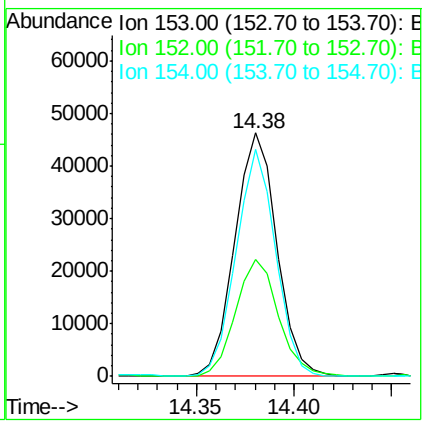


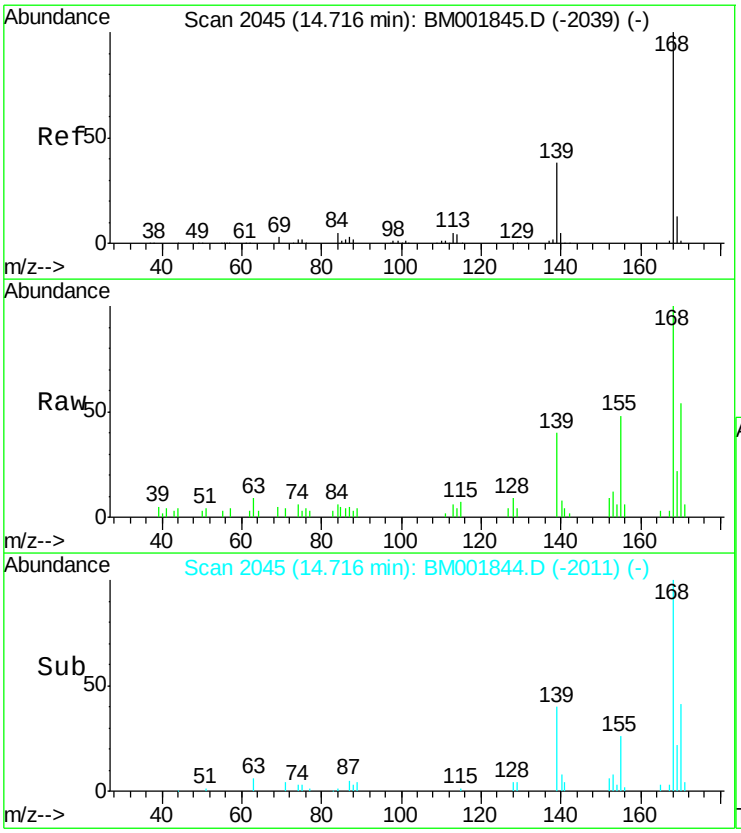
#49
Acenaphthene
Concen: 7.20 ng/ul
RT: 14.38 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Instrument :
BNA_M
ClientSampleId :
G93J5

Tgt Ion:153 Resp: 69077

Ion	Ratio	Lower	Upper
153	100		
152	48.0	36.6	55.0
154	93.0	72.6	108.8

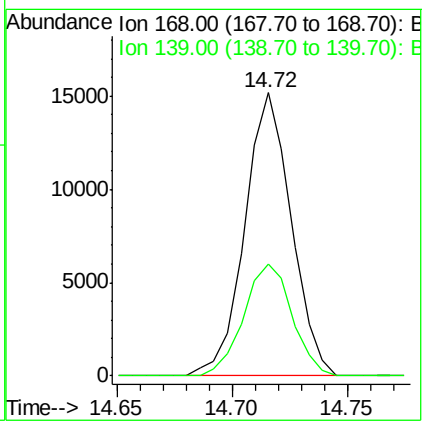


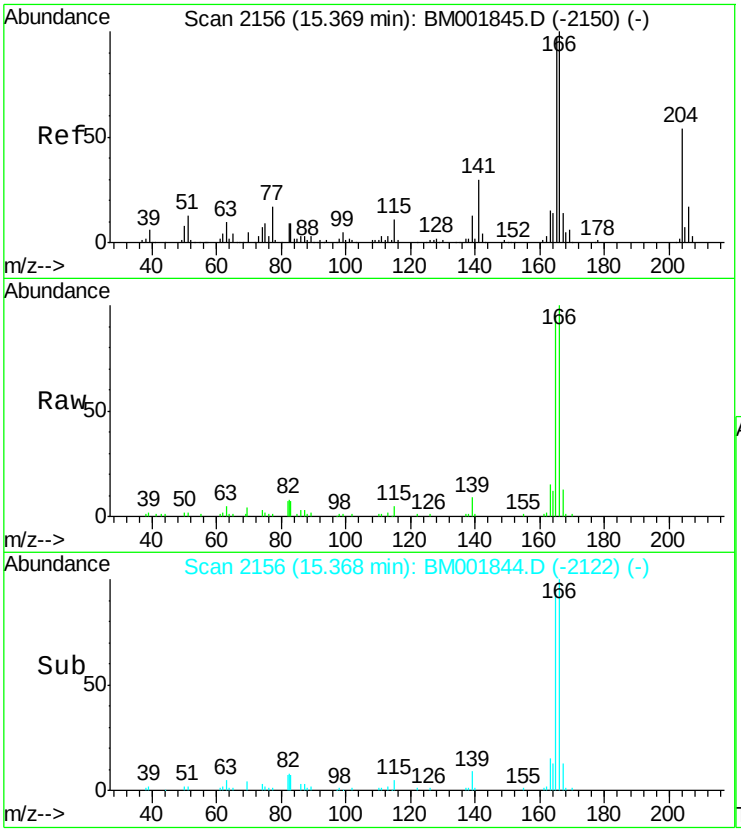


#53
Dibenzofuran
Concen: 1.55 ng/ul
RT: 14.72 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Tgt Ion:168 Resp: 21261

Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.1	45.1



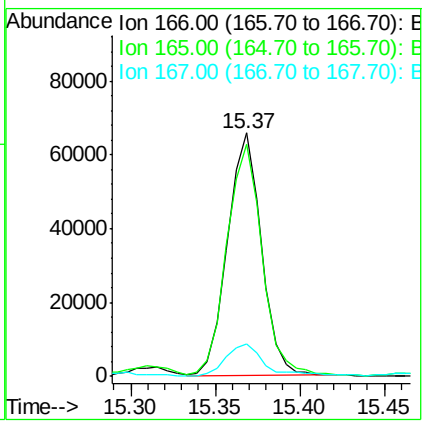


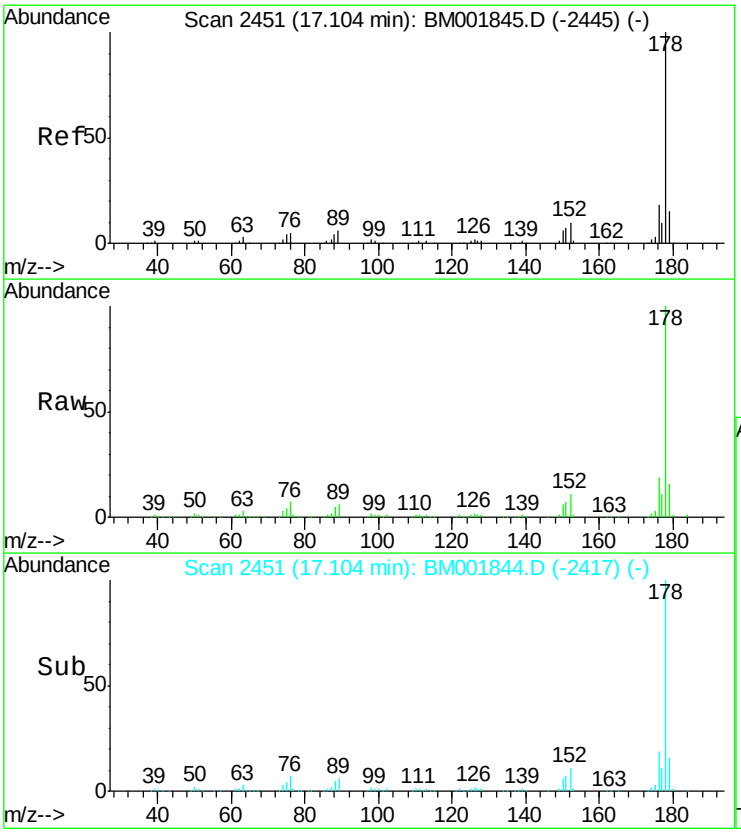
#58
Fluorene
Concen: 7.98 ng/ul
RT: 15.37 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Instrument :
BNA_M
ClientSampleId :
G93J5

Tgt Ion:166 Resp: 91233

Ion	Ratio	Lower	Upper
166	100		
165	95.4	77.4	116.2
167	13.3	11.3	16.9

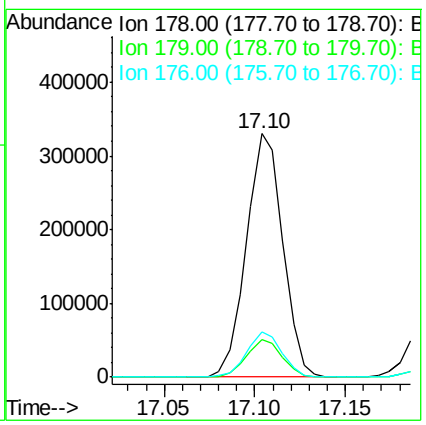


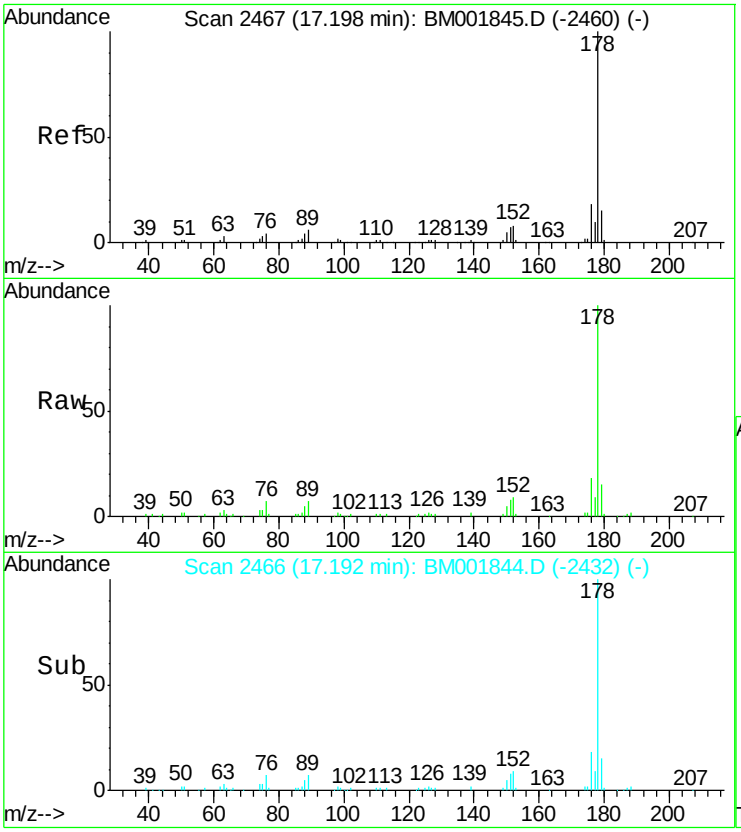


#69
Phenanthrene
Concen: 25.83 ng/ul
RT: 17.10 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Tgt Ion:178 Resp: 459666

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.9	17.9
176	18.6	15.2	22.8



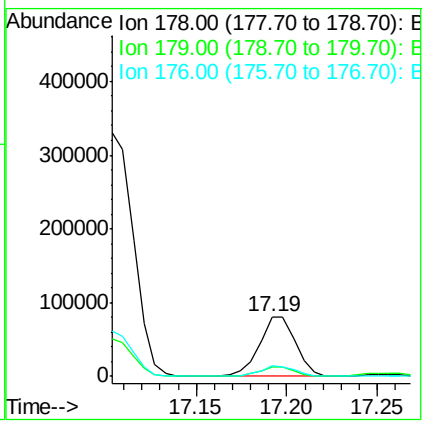


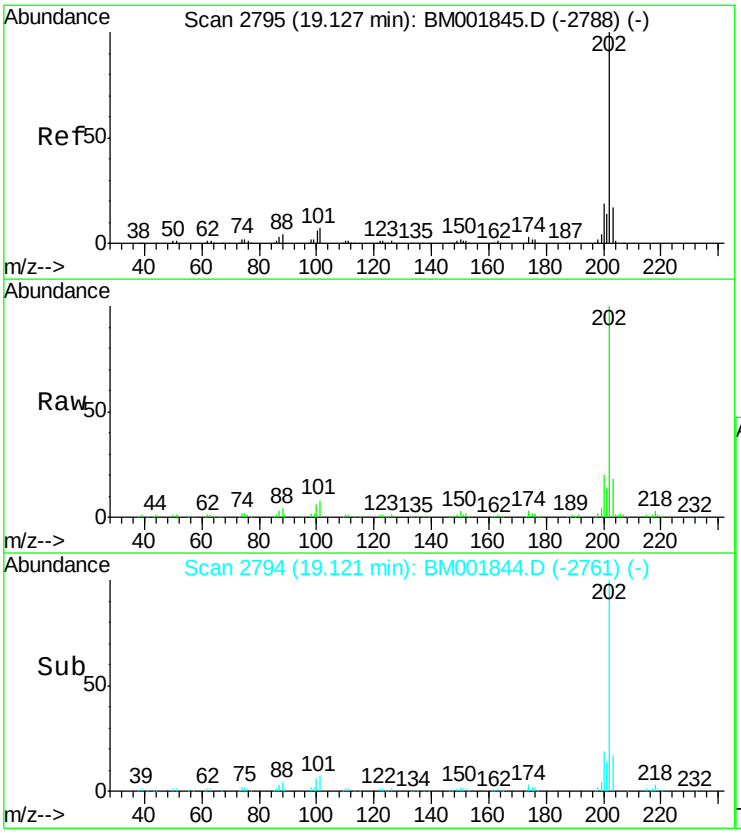
#71
Anthracene
Concen: 6.15 ng/ul
RT: 17.19 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Instrument :
BNA_M
ClientSampleId :
G93J5

Tgt Ion:178 Resp: 112450

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	17.8	14.4	21.6

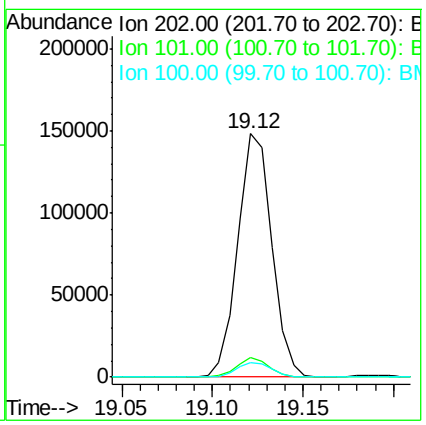


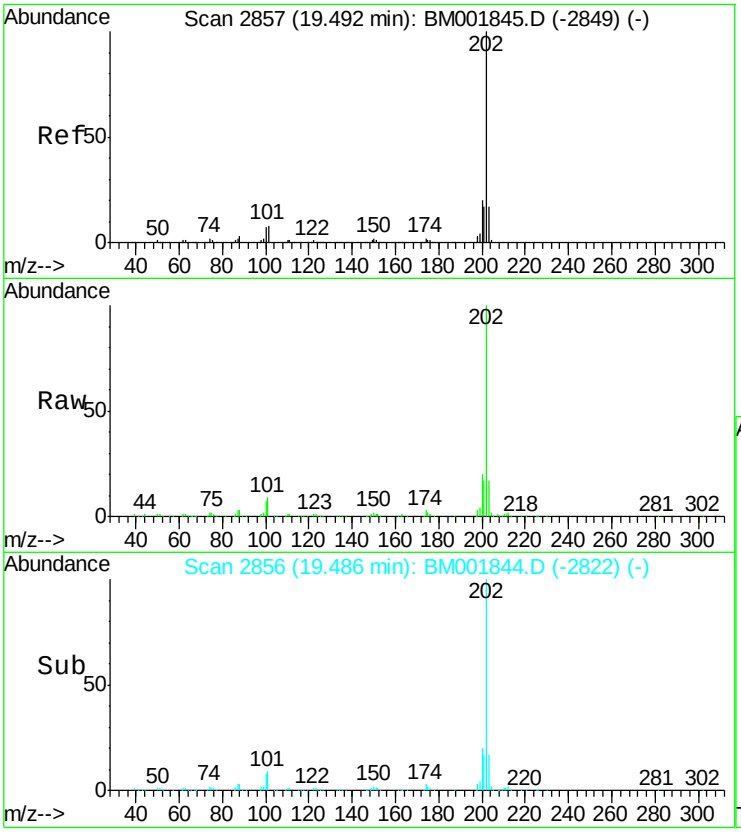


#76
Fluoranthene
Concen: 9.13 ng/ul
RT: 19.12 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Tgt Ion:202 Resp: 194337

Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.1	9.1
100	6.0	4.8	7.2



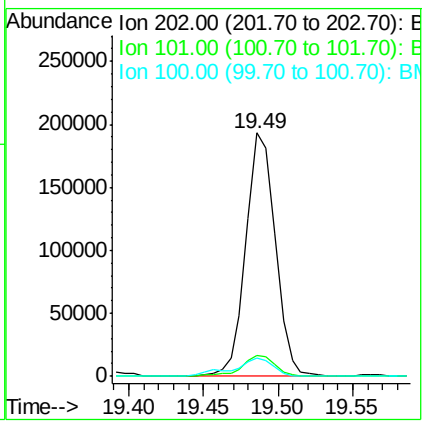


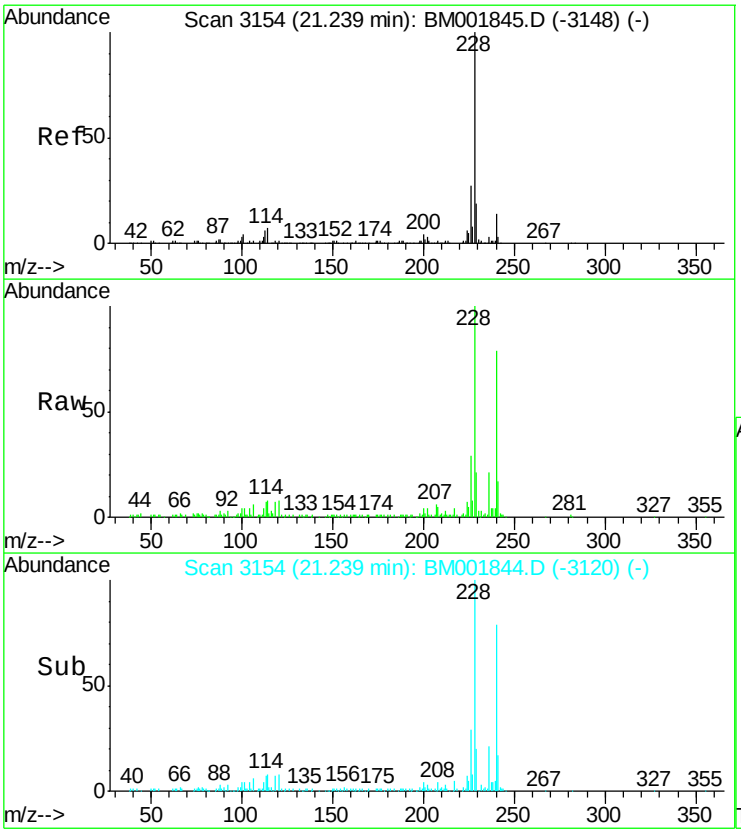
#79
Pyrene
Concen: 11.88 ng/ul
RT: 19.49 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Instrument :
BNA_M
ClientSampleId :
G93J5

Tgt Ion:202 Resp: 264478

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.9	10.3
100	7.5	6.2	9.2

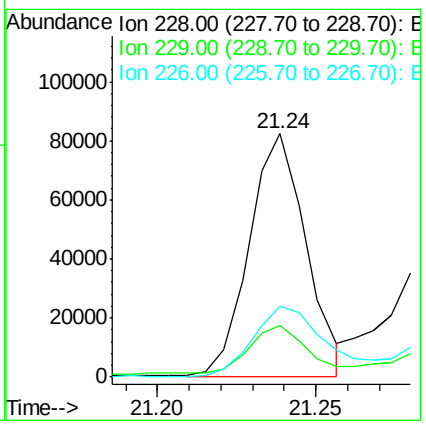


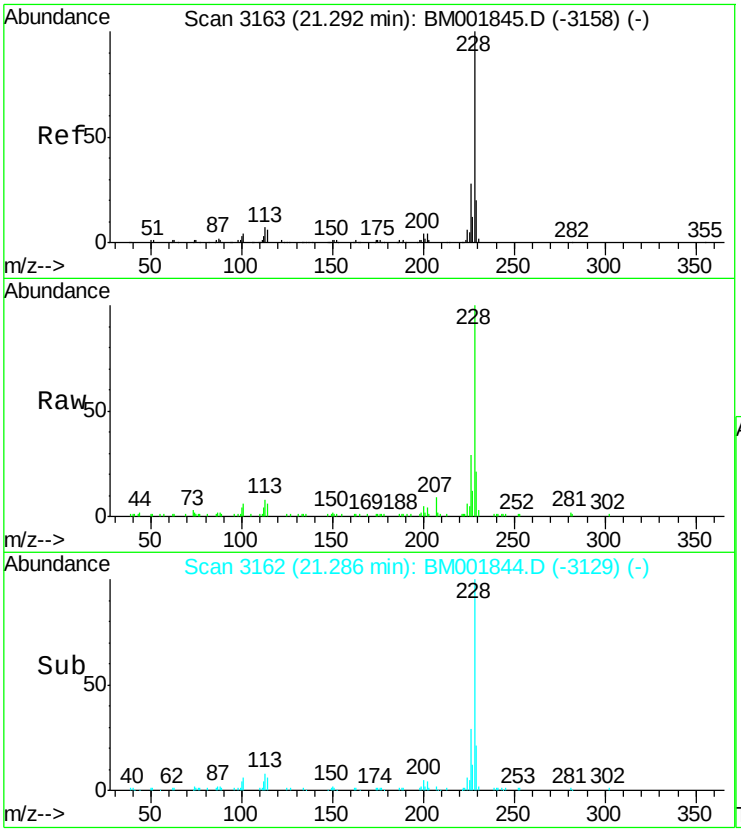


#82
Benzo(a)anthracene
Concen: 4.38 ng/ul
RT: 21.24 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Tgt Ion:228 Resp: 102665

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.4	23.0
226	29.3	20.6	30.8



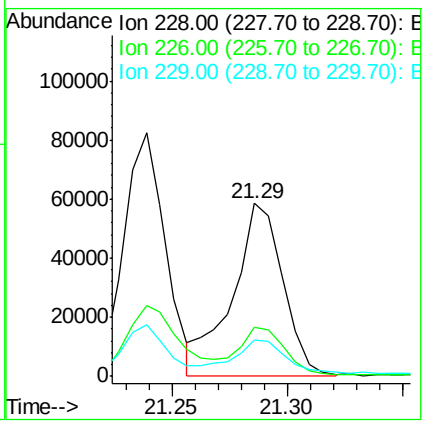


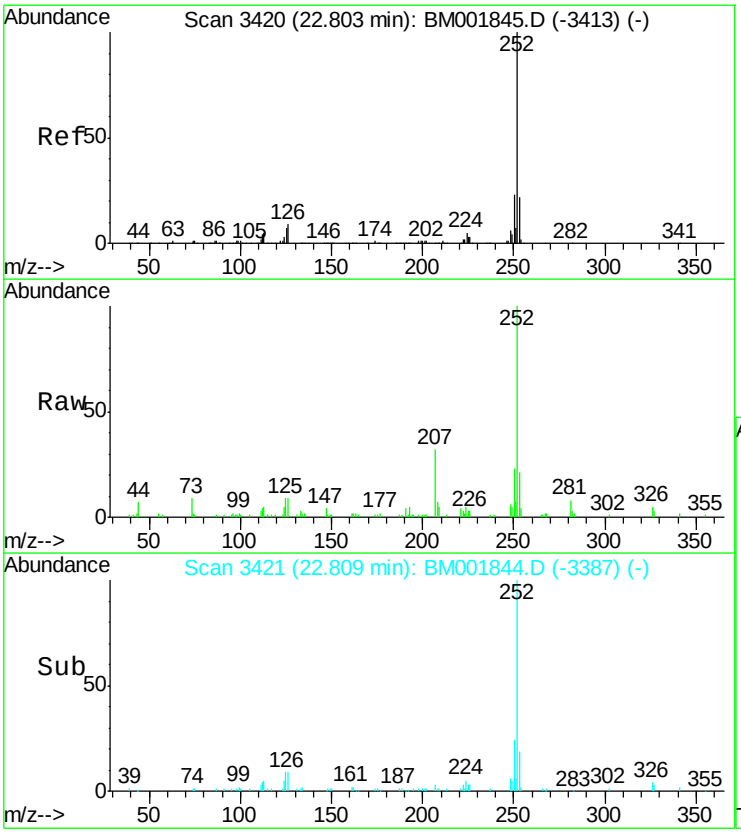
#84
Chrysene
Concen: 4.01 ng/ul
RT: 21.29 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Instrument :
BNA_M
ClientSampleId :
G93J5

Tgt Ion:228 Resp: 89161

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.0	34.4
229	21.3	15.4	23.2

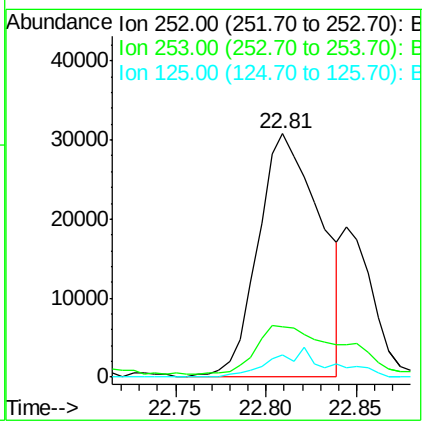


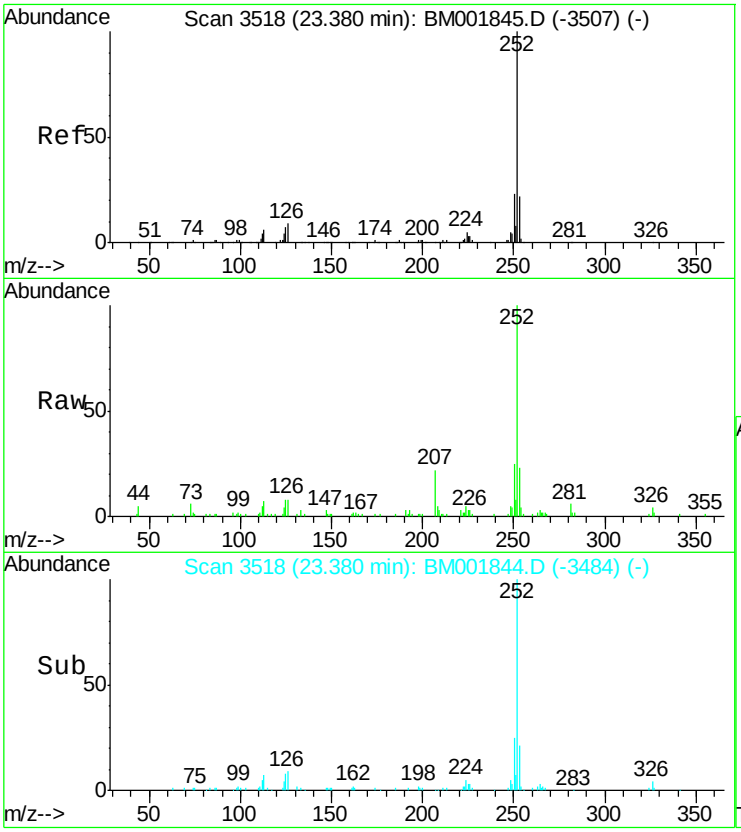


#87
Benzo(b)fluoranthene
Concen: 3.12 ng/ul
RT: 22.81 min Scan# 3421
Delta R.T. 0.00 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Tgt Ion:252 Resp: 74223

Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.8	26.6
125	9.0	5.3	7.9#



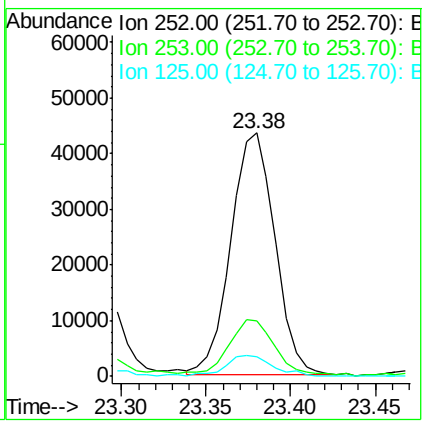


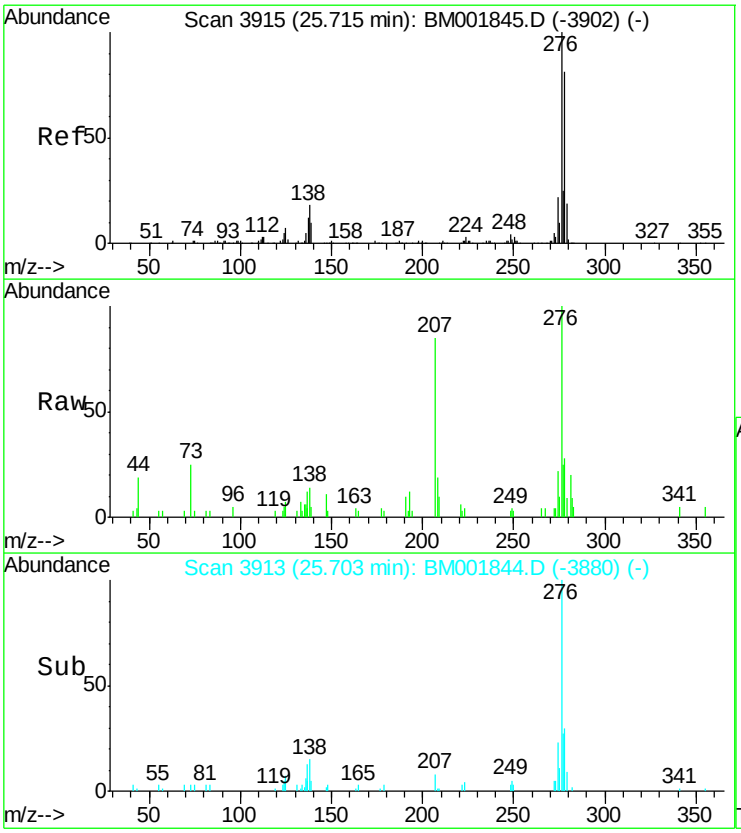
#90
Benzo(a)pyrene
Concen: 3.37 ng/ul
RT: 23.38 min Scan# 3518
Delta R.T. 0.00 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Instrument :
BNA_M
ClientSampleId :
G93J5

Tgt Ion:252 Resp: 78113

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.0
125	8.2	6.0	9.0

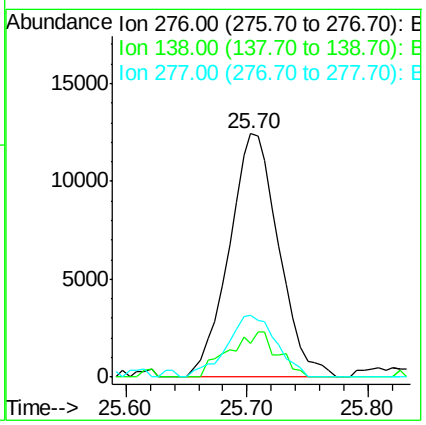


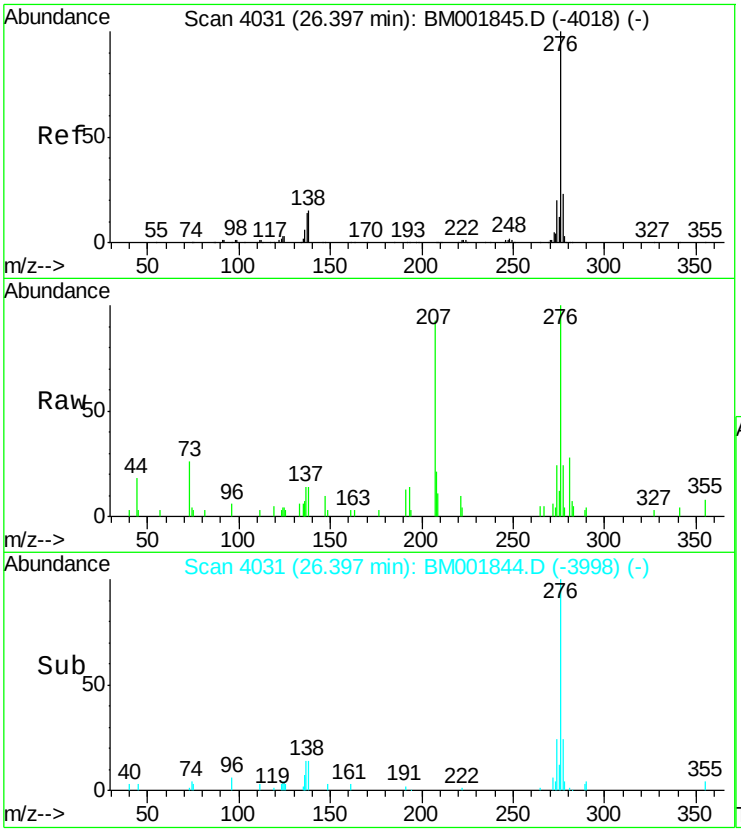


#91
Indeno(1,2,3-cd)pyrene
Concen: 1.30 ng/ul
RT: 25.70 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Tgt Ion:276 Resp: 35559

Ion	Ratio	Lower	Upper
276	100		
138	14.0	14.7	22.1#
277	25.4	19.7	29.5





#93
Benzo(g,h,i)perylene
Concen: 1.55 ng/ul
RT: 26.40 min Scan# 4031
Delta R.T. -0.01 min
Lab File: BM001844.D
Acq: 06 Jul 2015 19:46

Instrument :
BNA_M
ClientSampleId :
G93J5

Tgt Ion:276 Resp: 35796

Ion	Ratio	Lower	Upper
276	100		
138	13.9	12.6	19.0
277	24.4	18.7	28.1