

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001847.D
 Acq On : 06 Jul 2015 22:50
 Operator : TP/UM
 Sample : G2861-12 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L6

Quant Time: Jul 07 07:09:29 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	54851	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	216169	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	133755	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	319637	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	379587	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	378024	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.83	99	4242	1.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	2890	1.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	3457	1.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	3419	1.01	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	1366	0.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	1414	0.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	3612	1.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	3205	0.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	11753	1.18	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	14436	1.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	258	0.14	ng/ul	0.00
57) Fluorene-d10	15.31	176	12280	1.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.16	188	21477	1.44	ng/ul	0.00
78) Pyrene-d10	19.46	212	21873	1.36	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	21602	1.30	ng/ul	0.00

Target Compounds

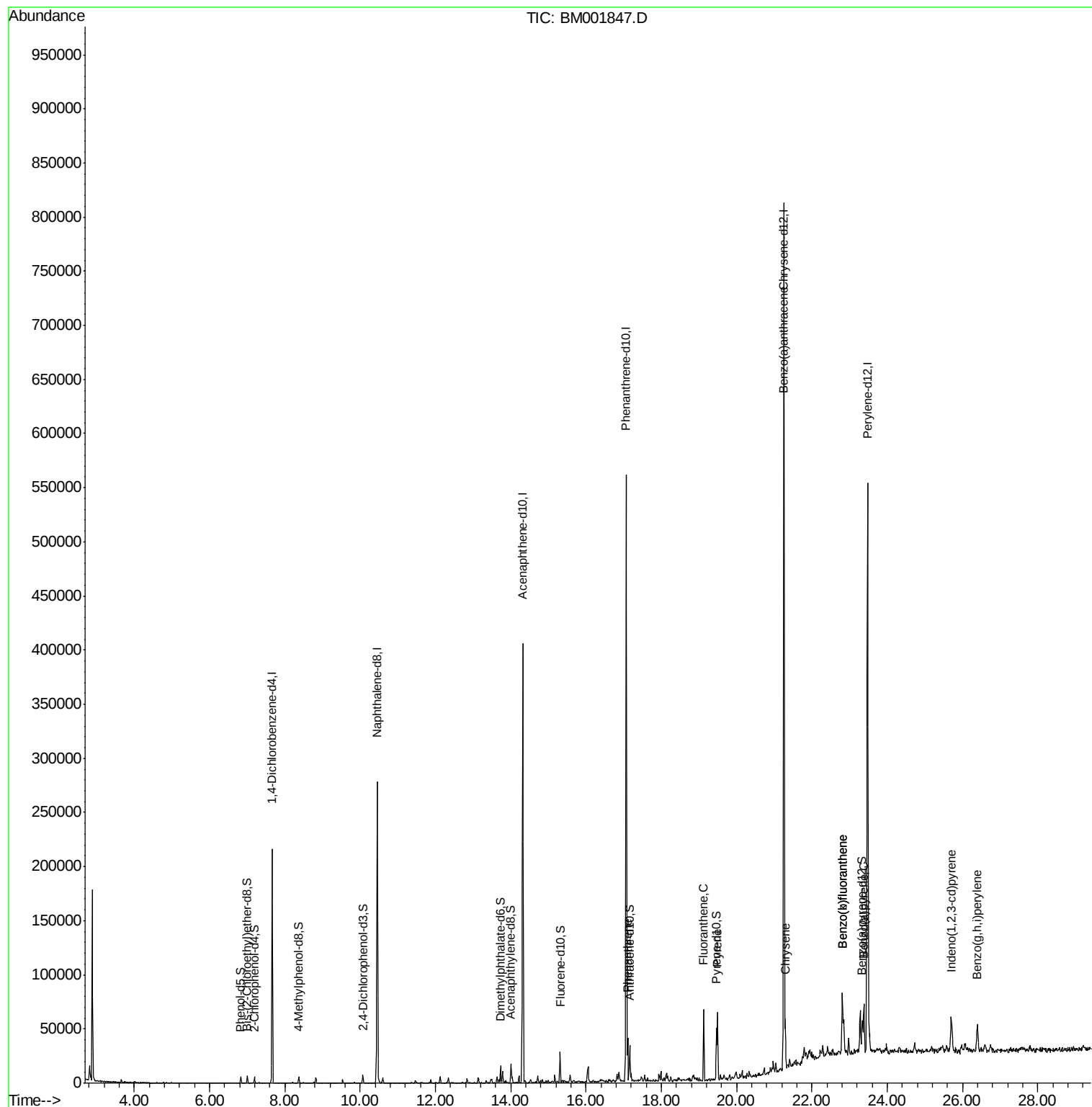
					Qvalue
69) Phenanthrene	17.10	178	23354	1.35 ng/ul	97
76) Fluoranthene	19.12	202	40189	1.94 ng/ul	99
79) Pyrene	19.49	202	39906	1.89 ng/ul	97
82) Benzo(a)anthracene	21.24	228	29784	1.34 ng/ul#	92
84) Chrysene	21.29	228	28246	1.34 ng/ul	96
87) Benzo(b)fluoranthene	22.80	252	68027	3.09 ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	60354	2.84 ng/ul	97
90) Benzo(a)pyrene	23.37	252	35657	1.67 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.70	276	35496	1.40 ng/ul#	91
93) Benzo(g,h,i)perylene	26.39	276	32605	1.53 ng/ul	94

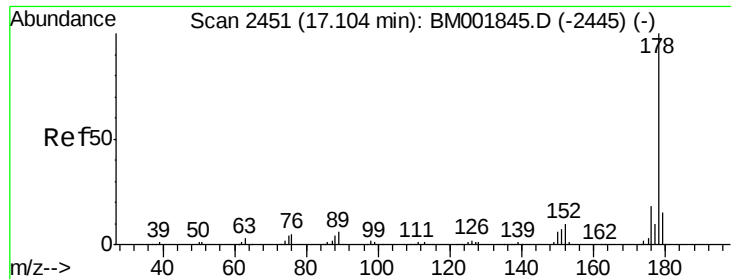
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001847.D
Acq On : 06 Jul 2015 22:50
Operator : TP/UM
Sample : G2861-12 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G93L6

Quant Time: Jul 07 07:09:29 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





#69

Phenanthrene

Concen: 1.35 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM001847.D

Acq: 06 Jul 2015 22:50

Instrument :

BNA_M

ClientSampleId :

G93L6

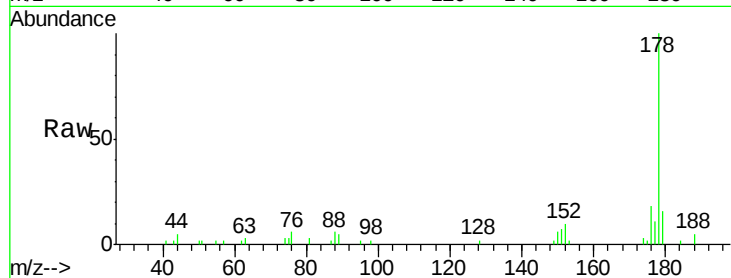
Tgt Ion:178 Resp: 23354

Ion Ratio Lower Upper

178 100

179 15.8 11.9 17.9

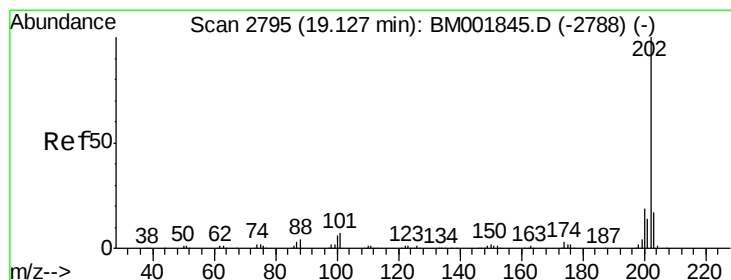
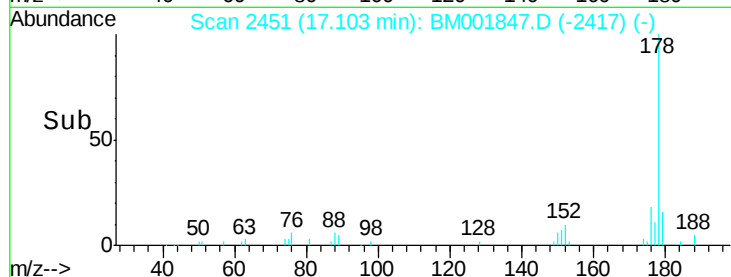
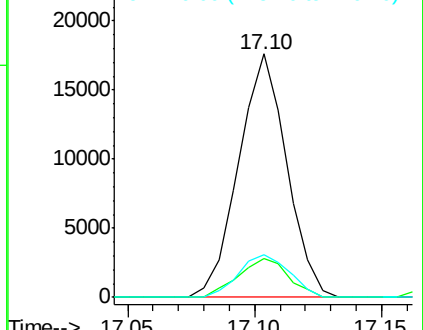
176 17.7 15.2 22.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#76

Fluoranthene

Concen: 1.94 ng/ul

RT: 19.12 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM001847.D

Acq: 06 Jul 2015 22:50

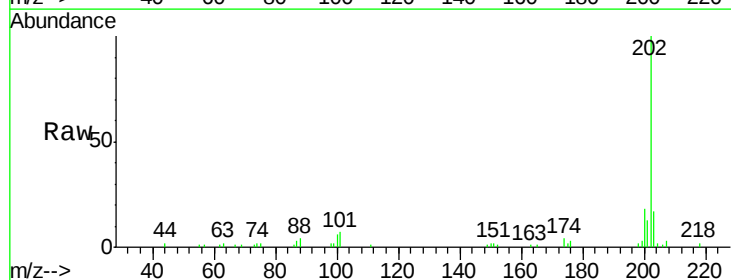
Tgt Ion:202 Resp: 40189

Ion Ratio Lower Upper

202 100

101 7.3 6.1 9.1

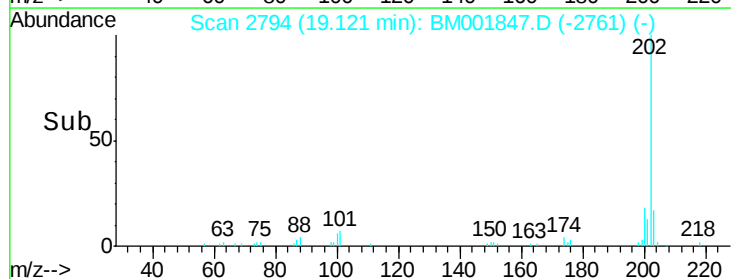
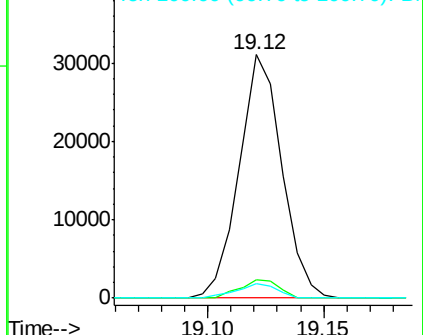
100 5.8 4.8 7.2

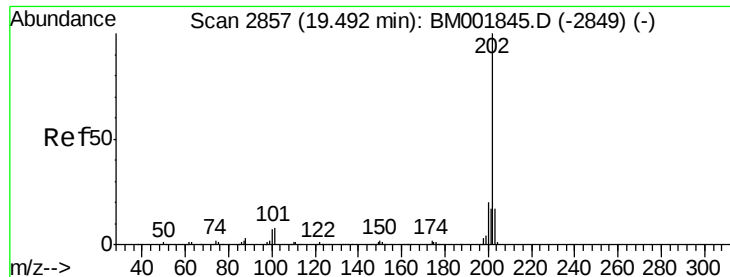


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

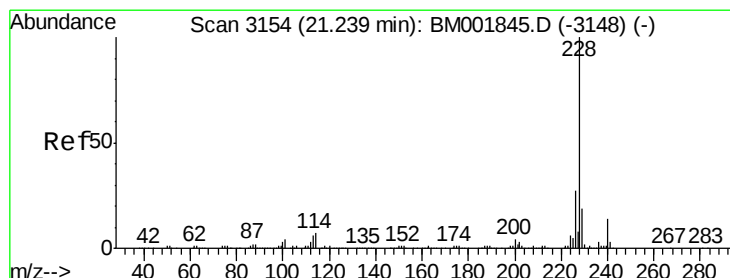
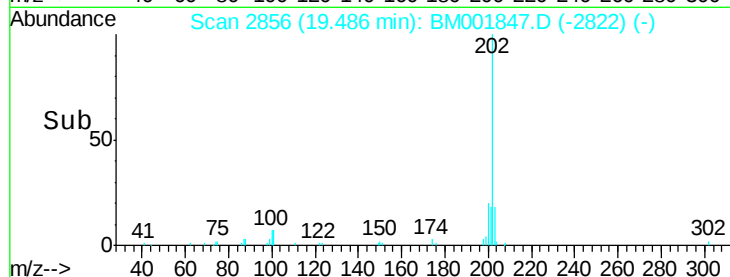
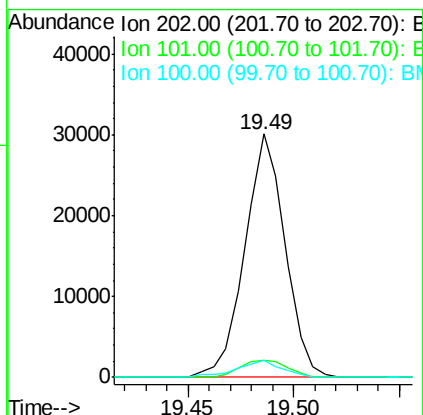
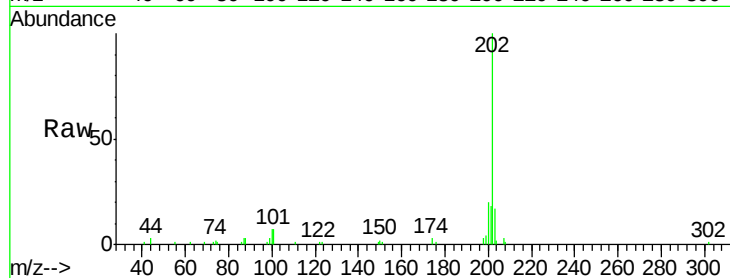




#79
 Pyrene
 Concen: 1.89 ng/ul
 RT: 19.49 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BM001847.D
 Acq: 06 Jul 2015 22:50

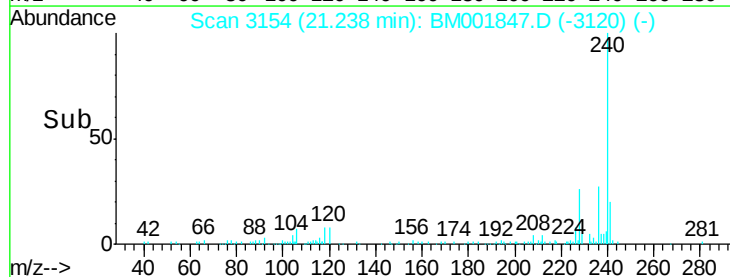
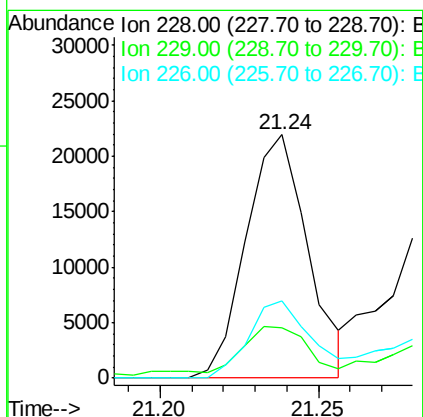
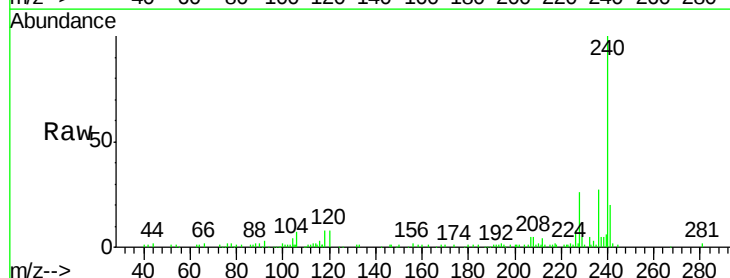
Instrument :
 BNA_M
 ClientSampleId :
 G93L6

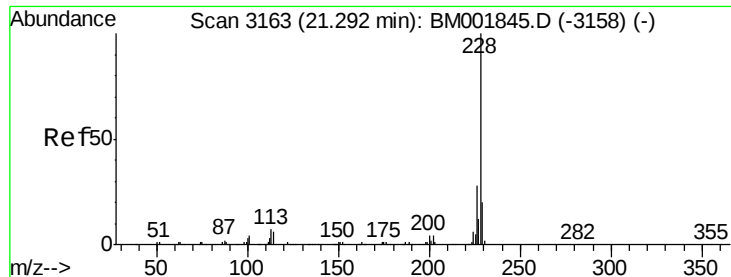
Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.9	10.3
100	7.1	6.2	9.2



#82
 Benzo(a)anthracene
 Concen: 1.34 ng/ul
 RT: 21.24 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: BM001847.D
 Acq: 06 Jul 2015 22:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	31.5	20.6	30.8





#84

Chrysene

Concen: 1.34 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BM001847.D

Acq: 06 Jul 2015 22:50

Instrument :

BNA_M

ClientSampleId :

G93L6

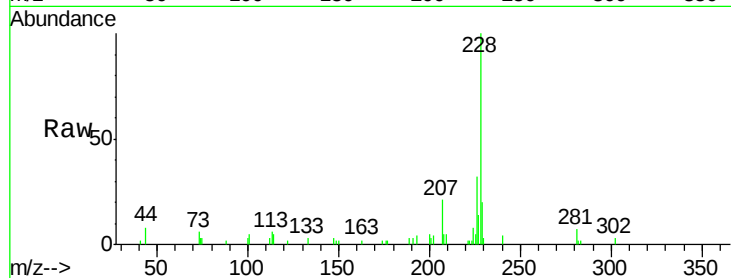
Tgt Ion:228 Resp: 28246

Ion Ratio Lower Upper

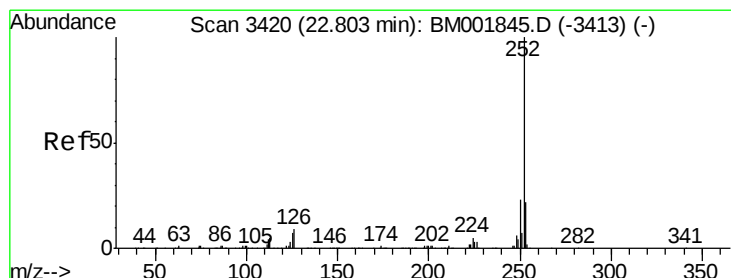
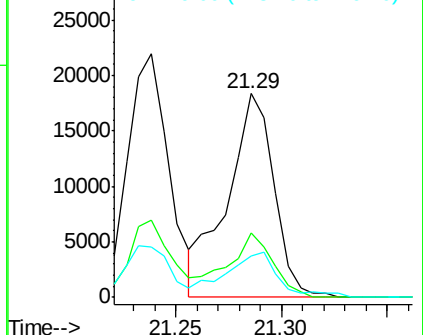
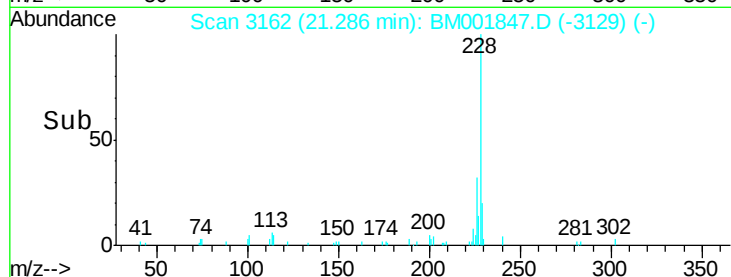
228 100

226 31.8 23.0 34.4

229 20.2 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#87

Benzo(b)fluoranthene

Concen: 3.09 ng/ul

RT: 22.80 min Scan# 3420

Delta R.T. -0.01 min

Lab File: BM001847.D

Acq: 06 Jul 2015 22:50

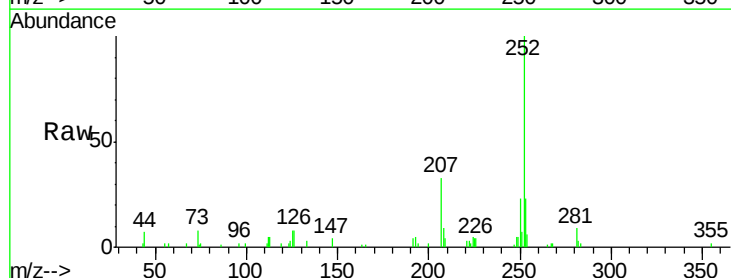
Tgt Ion:252 Resp: 68027

Ion Ratio Lower Upper

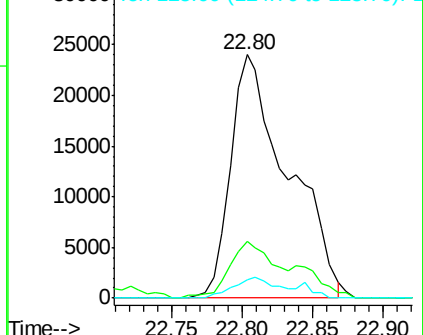
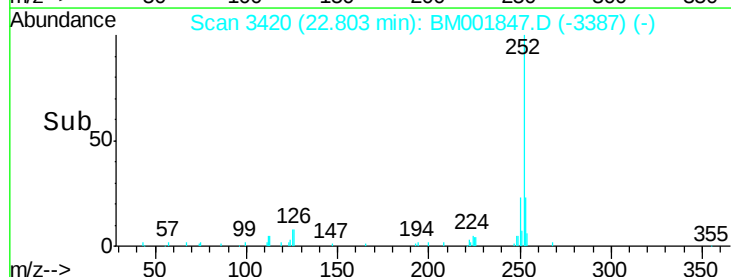
252 100

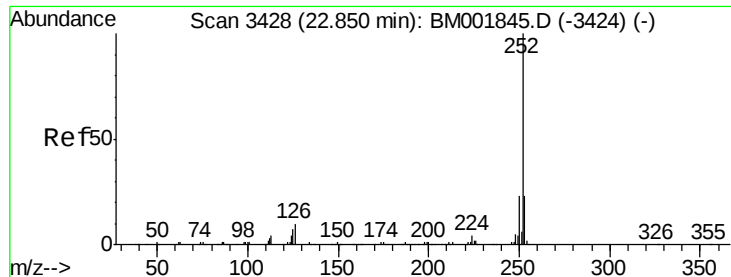
253 23.1 17.8 26.6

125 7.5 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

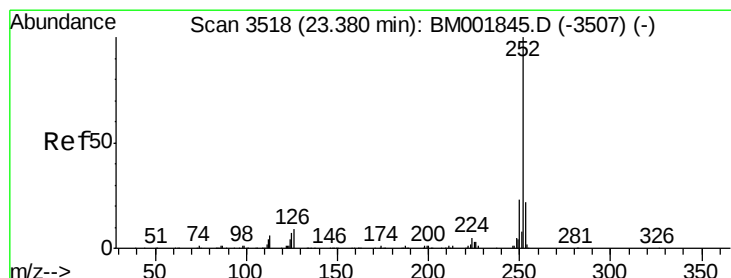
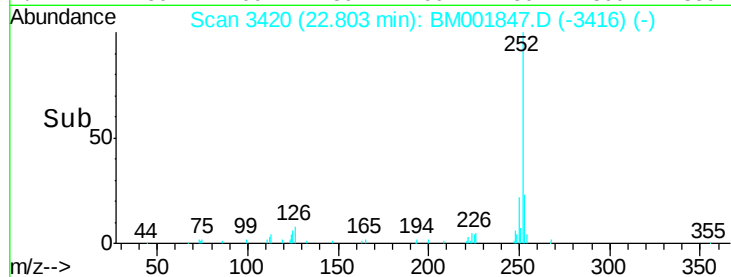
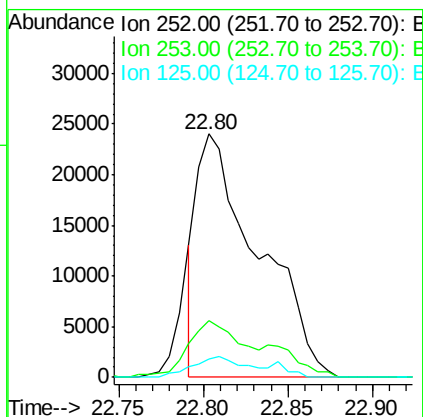
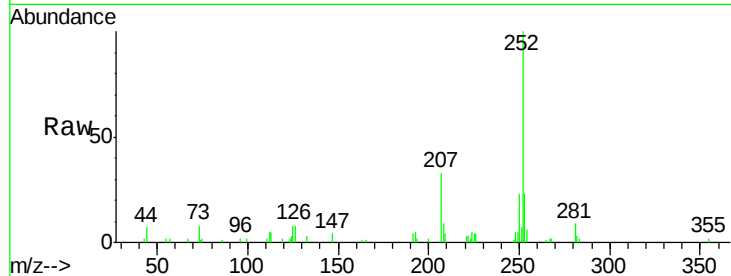




#88
Benzo(k)fluoranthene
Concen: 2.84 ng/ul
RT: 22.80 min Scan# 3420
Delta R.T. -0.05 min
Lab File: BM001847.D
Acq: 06 Jul 2015 22:50

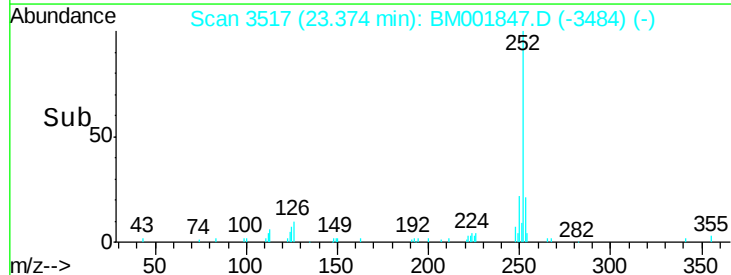
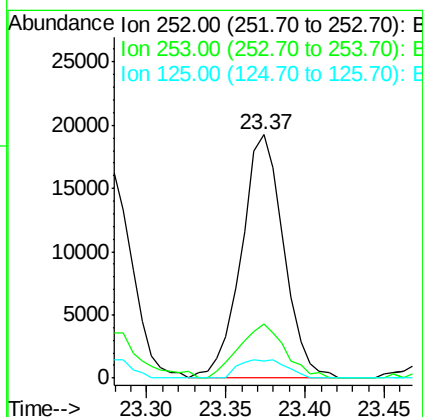
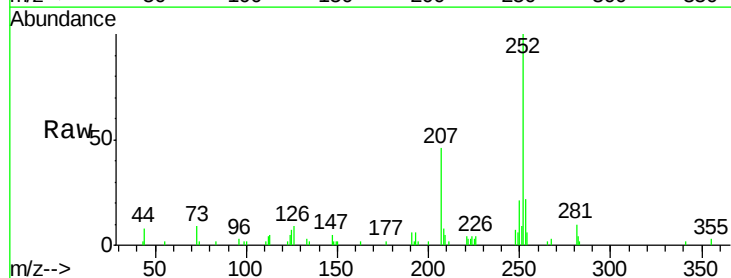
Instrument :
BNA_M
ClientSampleId :
G93L6

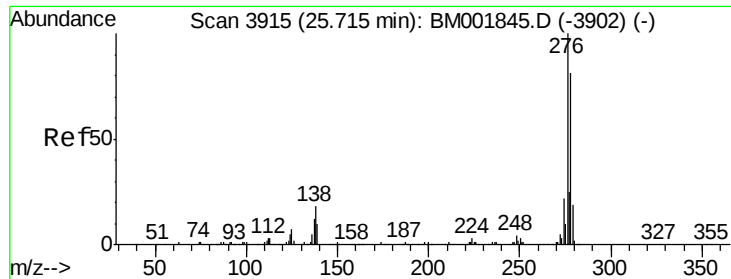
Tgt Ion:252 Resp: 60354
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 7.5 5.3 7.9



#90
Benzo(a)pyrene
Concen: 1.67 ng/ul
RT: 23.37 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM001847.D
Acq: 06 Jul 2015 22:50

Tgt Ion:252 Resp: 35657
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 7.1 6.0 9.0

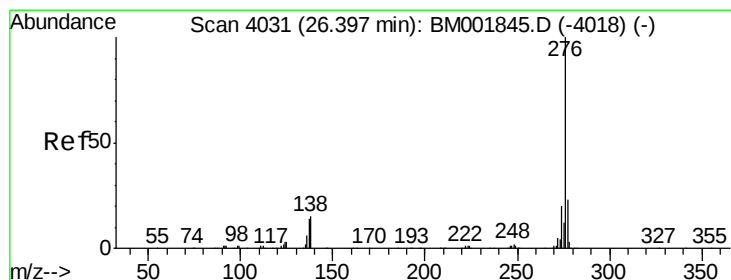
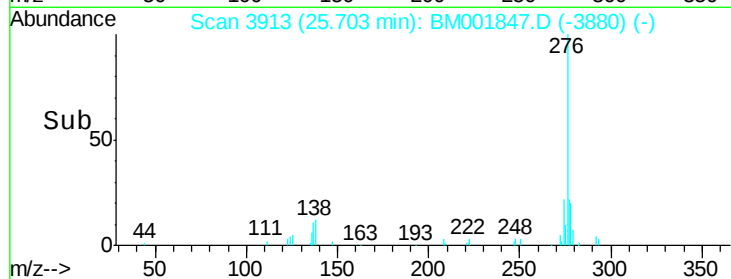
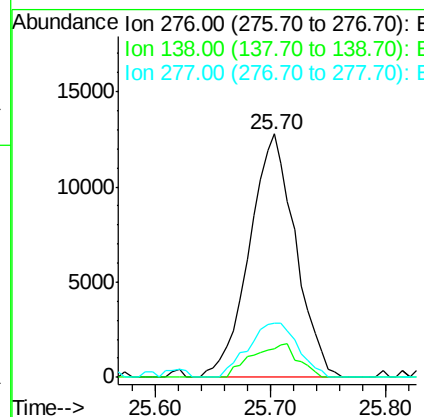
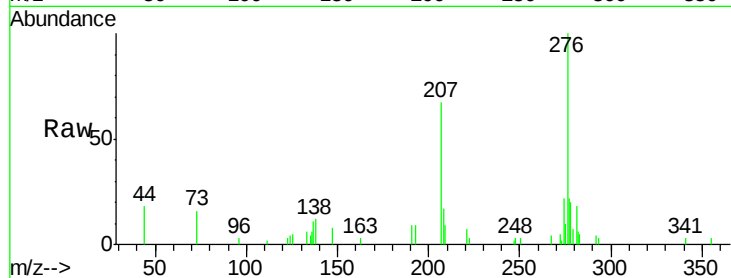




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 1.40 ng/ul
 RT: 25.70 min Scan# 3913
 Delta R.T. -0.01 min
 Lab File: BM001847.D
 Acq: 06 Jul 2015 22:50

Instrument :
 BNA_M
 ClientSampleId :
 G93L6

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.0	14.7	22.1#
277	22.4	19.7	29.5



#93
 Benzo(g,h,i)perylene
 Concen: 1.53 ng/ul
 RT: 26.39 min Scan# 4030
 Delta R.T. -0.01 min
 Lab File: BM001847.D
 Acq: 06 Jul 2015 22:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	12.6	19.0
277	27.4	18.7	28.1

