

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001857.D
 Acq On : 07 Jul 2015 04:58
 Operator : TP/UM
 Sample : G2860-21DL 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 G93K6DL

Manual Integrations
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Quant Time: Jul 08 07:33:42 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	55422	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	218006	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	133250	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	311610	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	380549	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	387282	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	323	0.28	ng/uL	0.00
5) Phenol-d5	6.83	99	9480	2.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	5620	2.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	7884	2.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	7747	2.27	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	3443	2.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	3687	2.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	7802	2.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	9358	2.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	24290	2.46	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	32204	2.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	2492	1.37	ng/ul	0.00
57) Fluorene-d10	15.31	176	24956	2.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	2215	1.16	ng/ul	0.00
70) Anthracene-d10	17.16	188	36238	2.50	ng/ul	0.00
78) Pyrene-d10	19.46	212	42181	2.62	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	42834	2.51	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.50	128	218779	19.88	ng/ul	98
34) 2-Methylnaphthalene	12.12	142	110621	13.90	ng/ul	99
40) 1,1'-Biphenyl	13.14	154	21959	2.02	ng/ul	96
47) Acenaphthylene	14.04	152	24347	1.84	ng/ul#	95
49) Acenaphthene	14.38	153	19461	2.21	ng/ul	98
53) Dibenzofuran	14.72	168	19105	1.51	ng/ul	93
58) Fluorene	15.37	166	53670	5.10	ng/ul	97
69) Phenanthrene	17.10	178	359164	21.26	ng/ul	99
71) Anthracene	17.20	178	58918	3.40	ng/ul	99
76) Fluoranthene	19.12	202	147402	7.29	ng/ul	99
79) Pyrene	19.49	202	283684	13.44	ng/ul	100
82) Benzo(a)anthracene	21.24	228	77320	3.48	ng/ul	96
84) Chrysene	21.29	228	65277	3.10	ng/ul	97
87) Benzo(b)fluoranthene	22.81	252	59884m	2.66	ng/ul	
90) Benzo(a)pyrene	23.37	252	75738	3.45	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.71	276	32853	1.26	ng/ul#	92
93) Benzo(g,h,i)perylene	26.39	276	32249	1.47	ng/ul	97

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

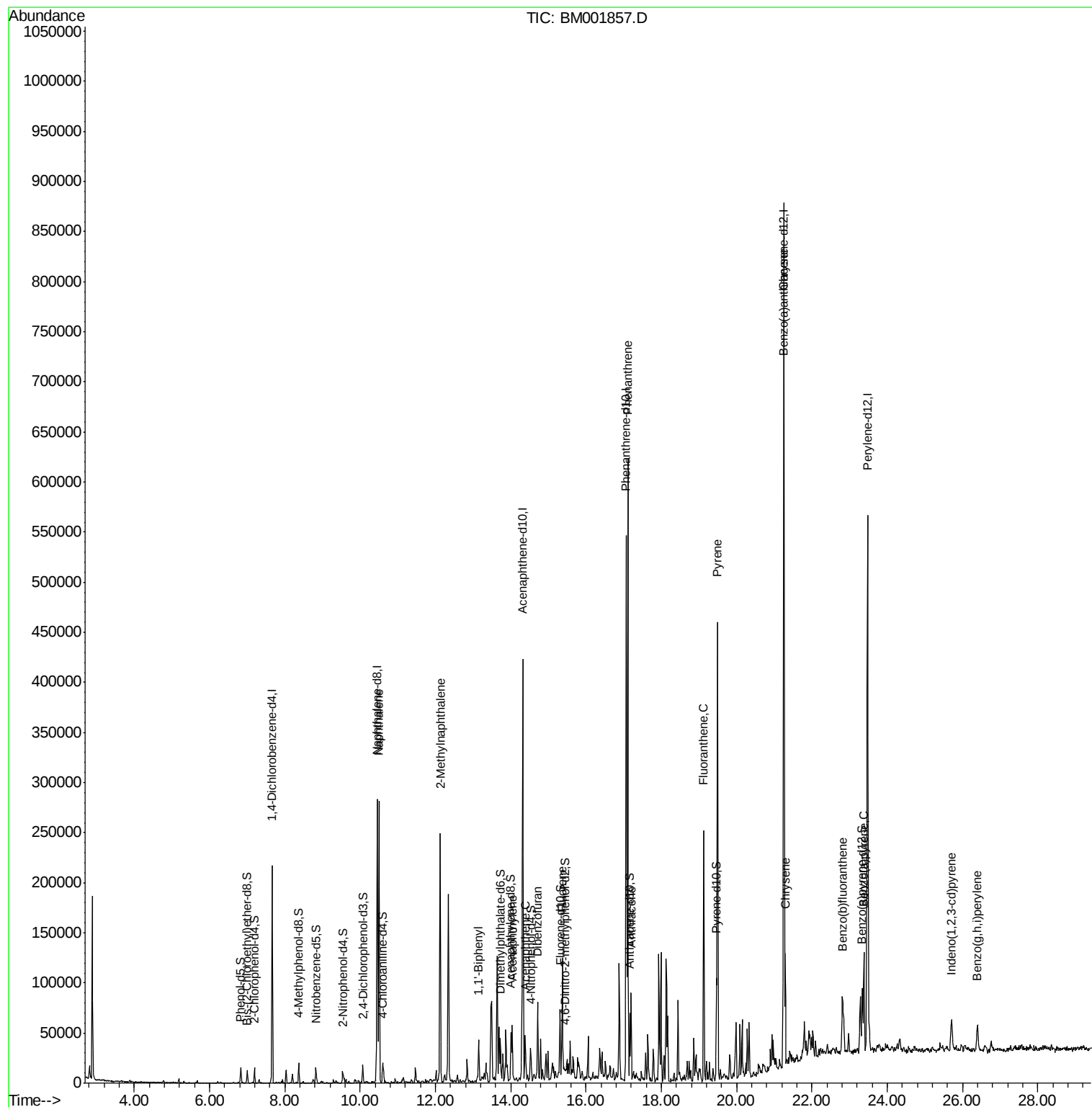
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001857.D
Acq On : 07 Jul 2015 04:58
Operator : TP/UM
Sample : G2860-21DL 10X
Misc :
ALS Vial : 27 Sample Multiplier: 1

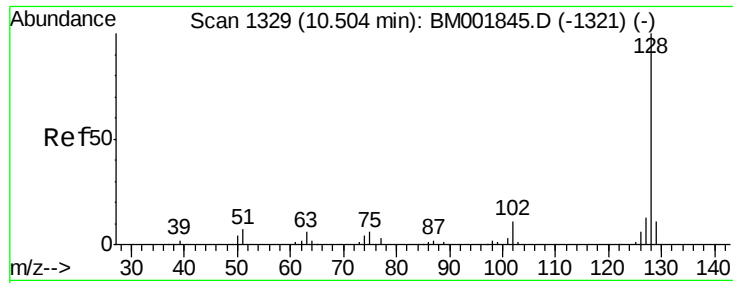
Instrument :
BNA_M
ClientSampleId :
G93K6DL

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
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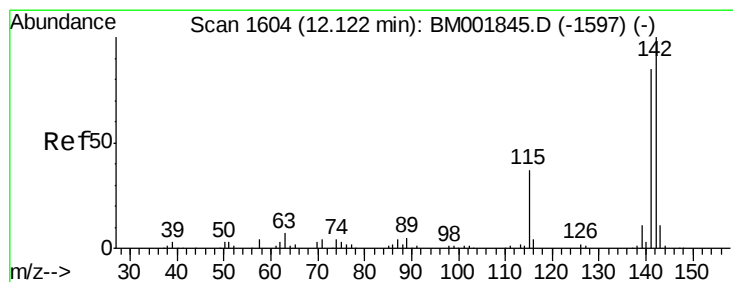
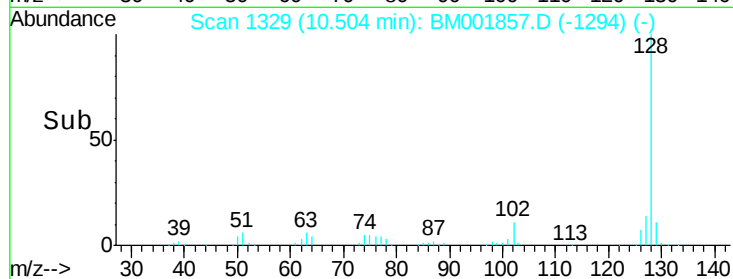
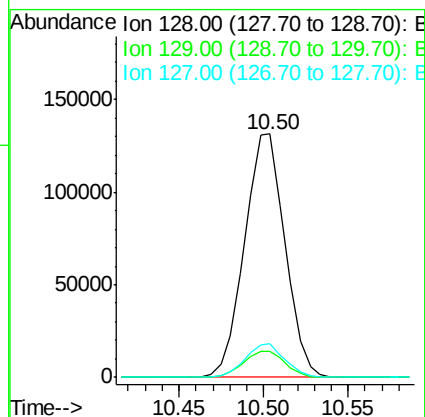
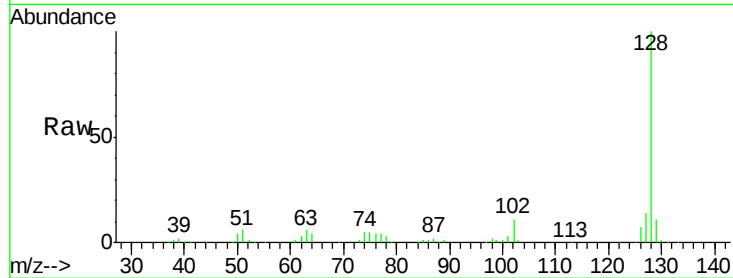
#28
Naphthalene
Concen: 19.88 ng/ul
RT: 10.50 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BM001857.D
Acq: 07 Jul 2015 04:58

Instrument :
BNA_M
ClientSampleId :
G93K6DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	218779		
129	10.5	8.7	13.1	
127	13.6	10.0	15.0	

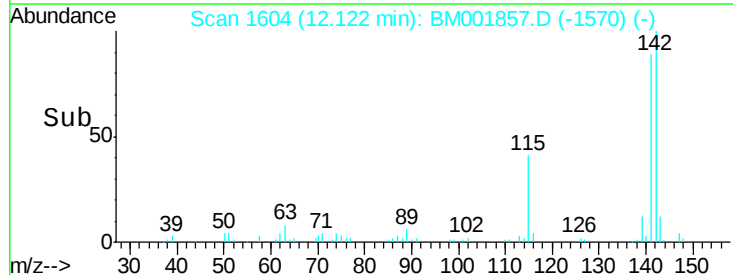
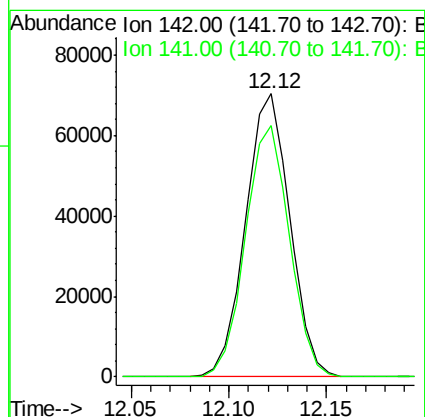
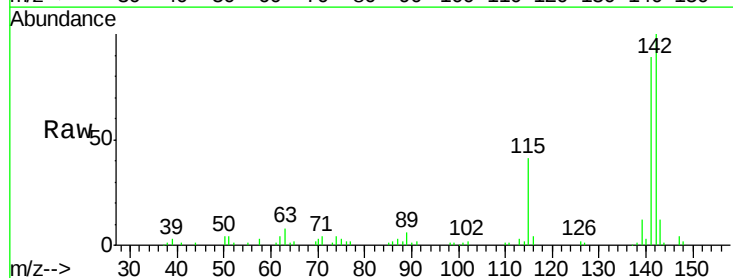
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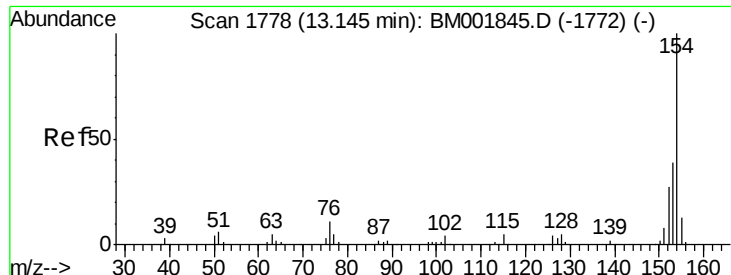
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#34
2-Methylnaphthalene
Concen: 13.90 ng/ul
RT: 12.12 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BM001857.D
Acq: 07 Jul 2015 04:58

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	110621		
141	89.0	71.6	107.4	





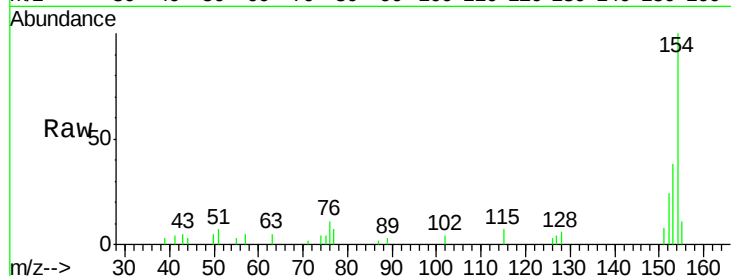
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 1,1'-Biphenyl
 Concen: 2.02 ng/ul
 RT: 13.14 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM001857.D
 Acq: 07 Jul 2015 04:58

Instrument :
 BNA_M
 ClientSampleId :
 G93K6DL

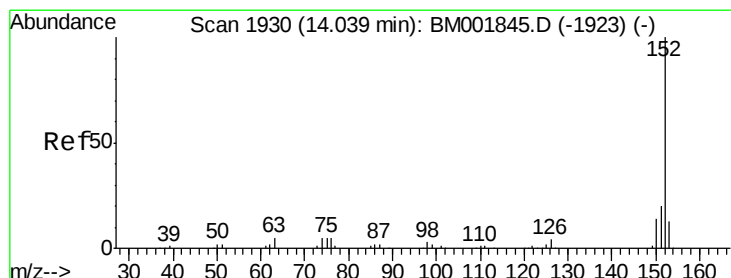
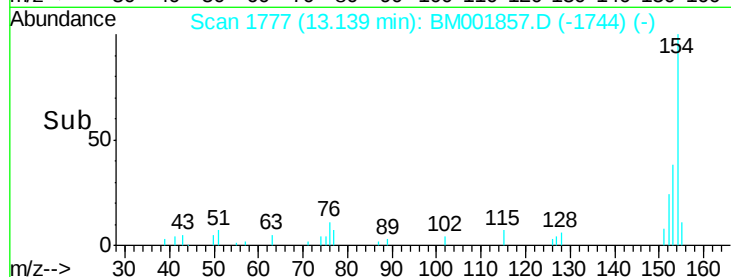
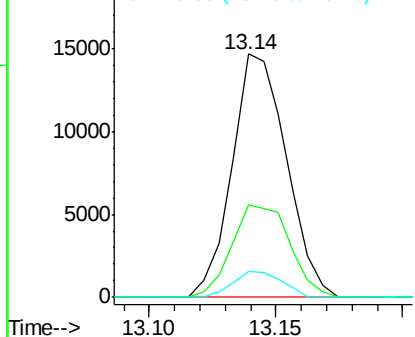
Tgt Ion:	154	Resp:	21959
Ion Ratio	Lower	Upper	
154	100		
153	37.9	32.5	48.7
76	10.7	9.0	13.6

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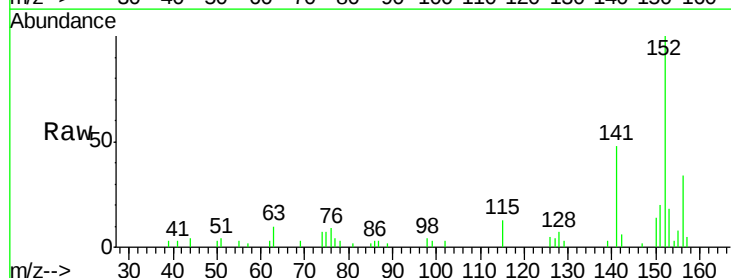


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

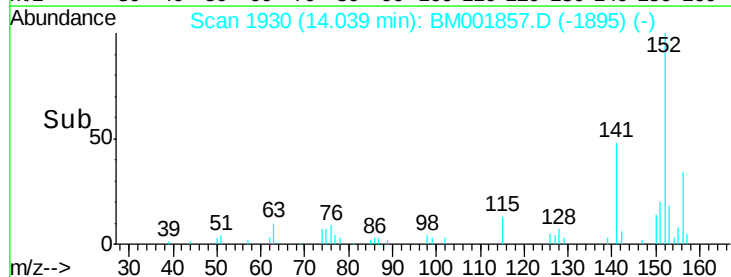
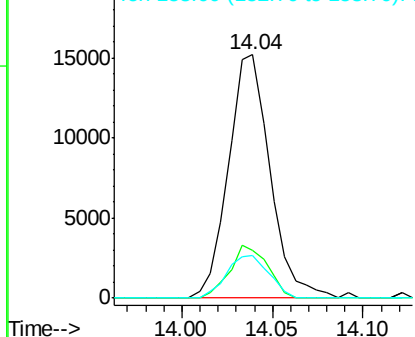


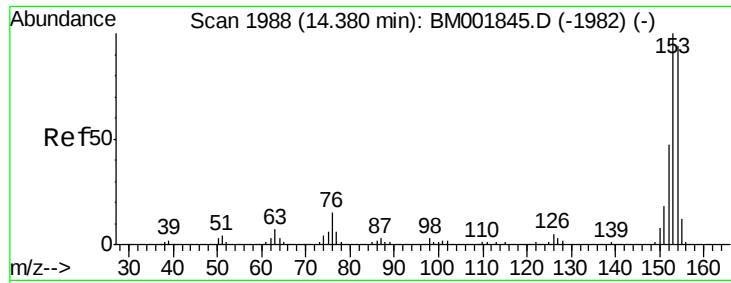
#47
 Acenaphthylene
 Concen: 1.84 ng/ul
 RT: 14.04 min Scan# 1930
 Delta R.T. 0.01 min
 Lab File: BM001857.D
 Acq: 07 Jul 2015 04:58

Tgt Ion:	152	Resp:	24347
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.9	23.9
153	17.7	10.0	15.0#



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 2.21 ng/ul

RT: 14.38 min Scan# 1988

Delta R.T. 0.00 min

Lab File: BM001857.D

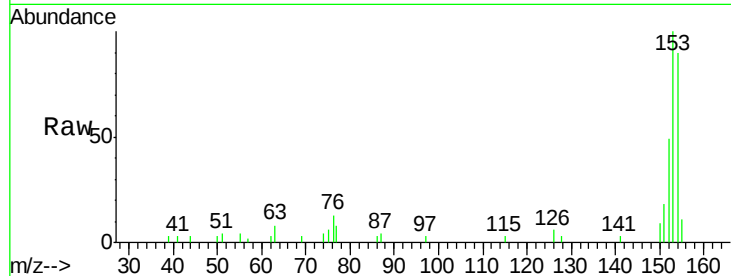
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Instrument :

BNA_M

ClientSampleId :

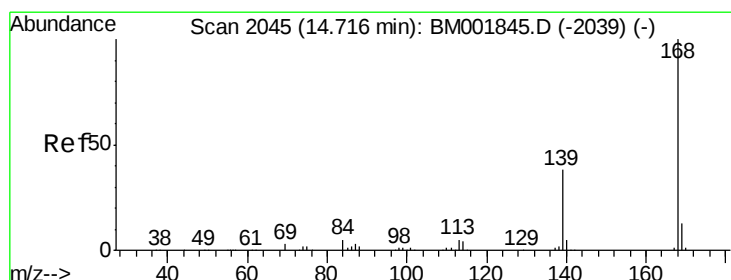
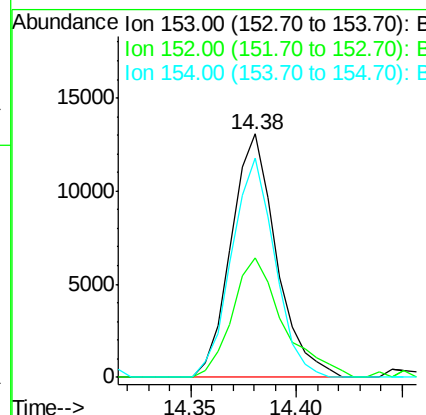
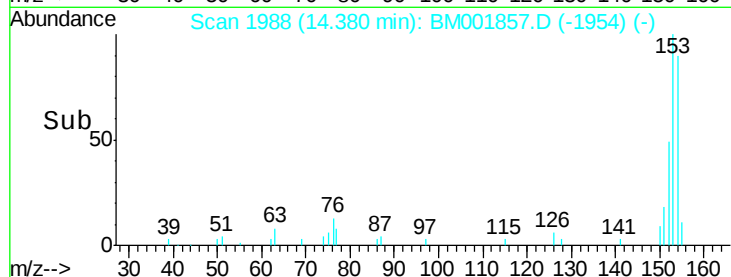
G93K6DL



Tgt Ion:	153	Resp:	19461
Ion Ratio	Lower	Upper	
153	100		
152	48.8	36.6	55.0
154	90.1	72.6	108.8

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#53

Dibenzofuran

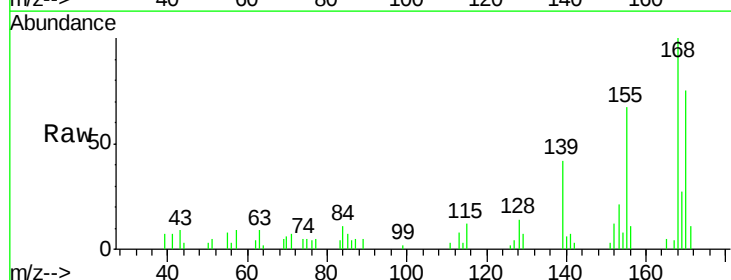
Concen: 1.51 ng/ul

RT: 14.72 min Scan# 2045

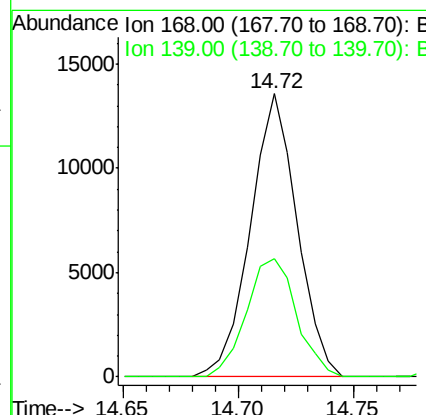
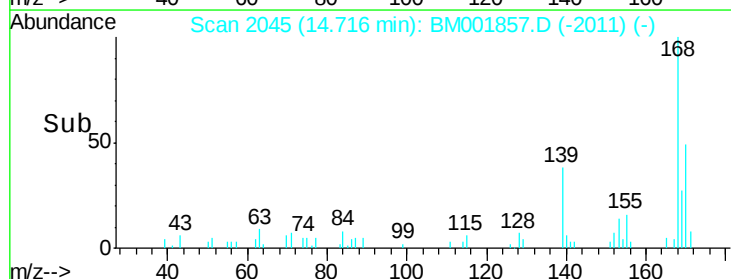
Delta R.T. 0.00 min

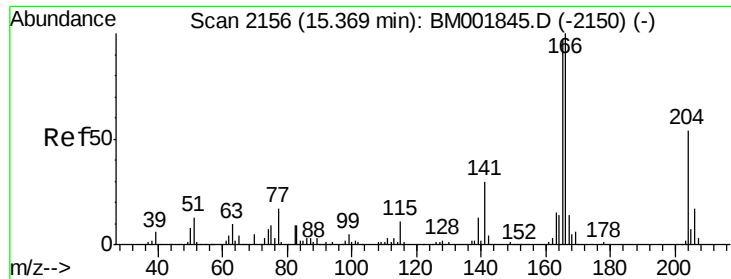
Lab File: BM001857.D

Acq: 07 Jul 2015 04:58



Tgt Ion:	168	Resp:	19105
Ion Ratio	Lower	Upper	
168	100		
139	41.9	30.1	45.1





#58

Fluorene

Concen: 5.10 ng/ul

RT: 15.37 min Scan# 2156

Delta R.T. 0.00 min

Lab File: BM001857.D

Acq: 07 Jul 2015 04:58

Instrument :

BNA_M

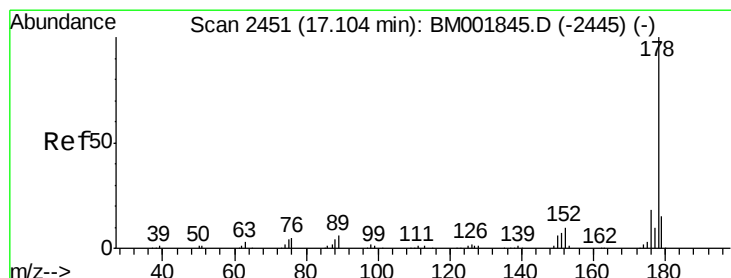
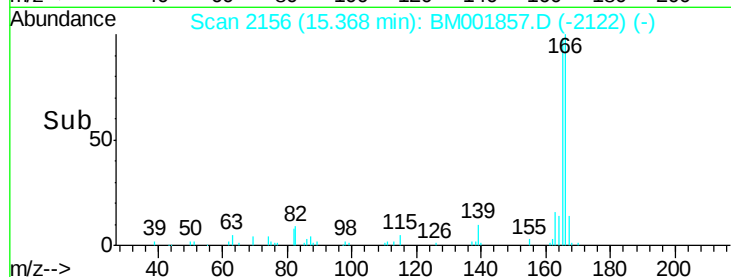
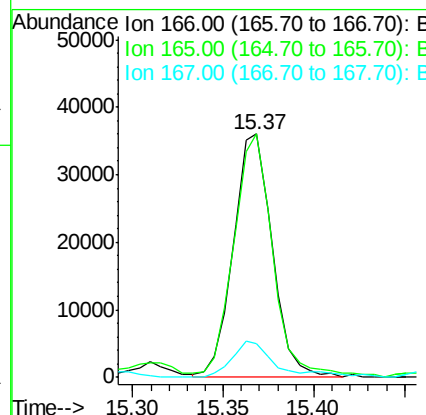
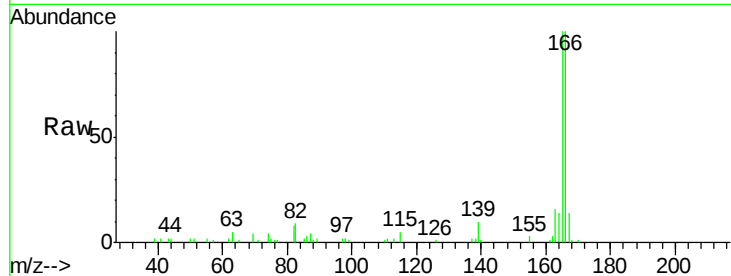
ClientSampleId :

G93K6DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	77.4	116.2
167	13.9	11.3	16.9

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#69

Phenanthrene

Concen: 21.26 ng/ul

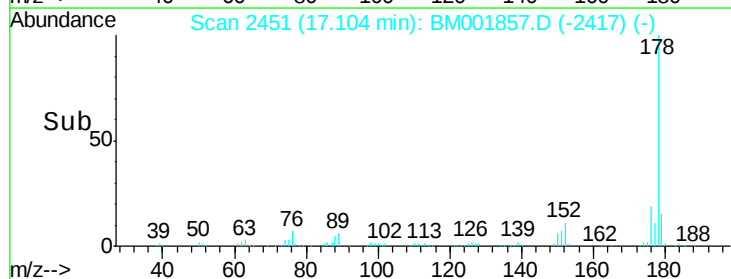
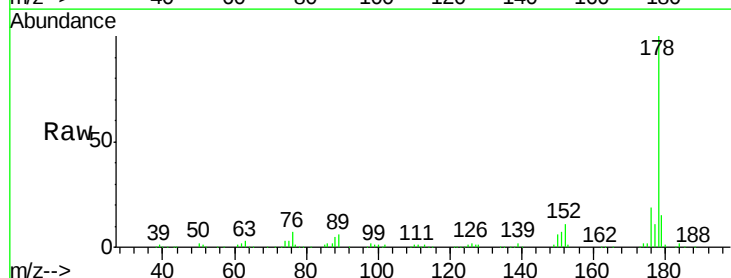
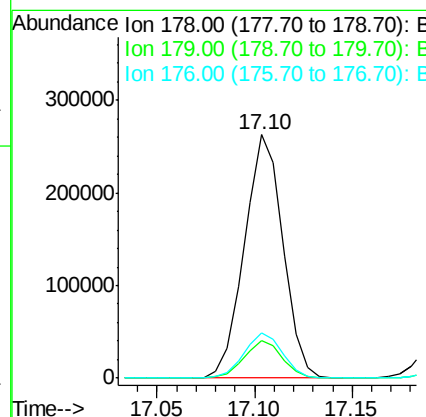
RT: 17.10 min Scan# 2451

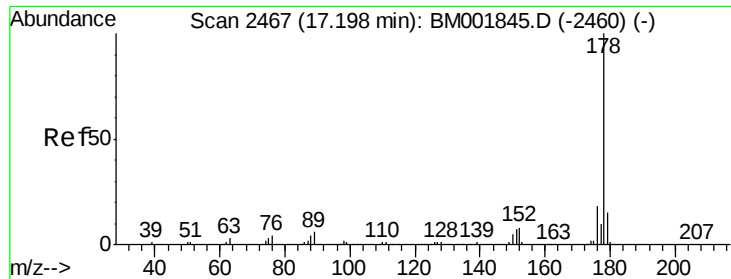
Delta R.T. 0.00 min

Lab File: BM001857.D

Acq: 07 Jul 2015 04:58

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	18.8	15.2	22.8





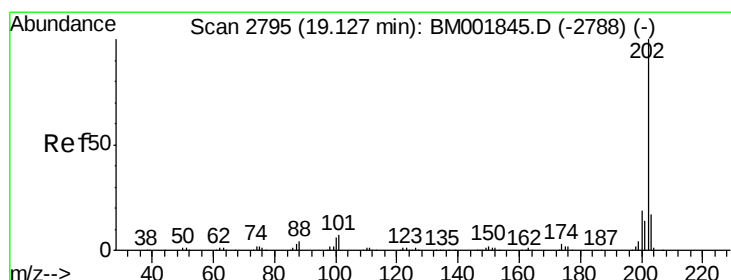
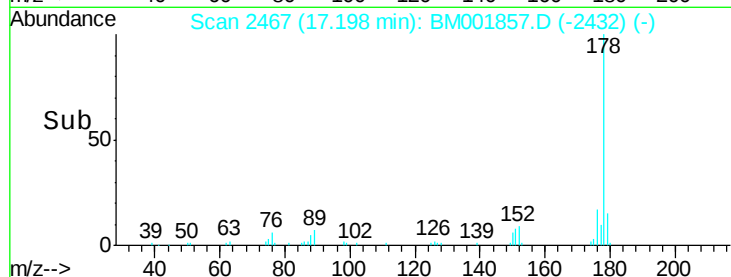
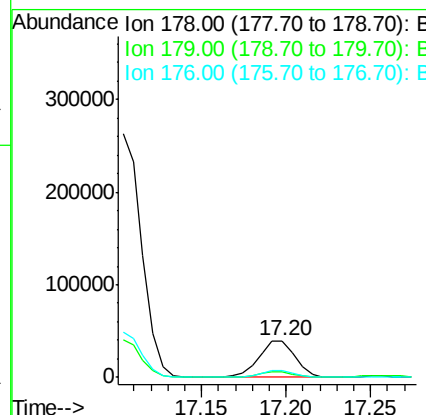
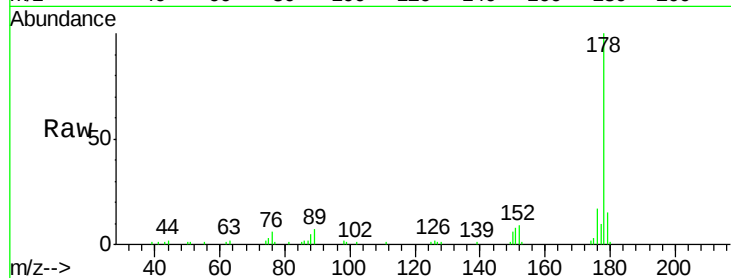
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 Anthracene
 Concen: 3.40 ng/ul
 RT: 17.20 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BM001857.D
 Acq: 07 Jul 2015 04:58

Instrument :
 BNA_M
 ClientSampleId :
 G93K6DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.8	17.8
176	17.2	14.4	21.6

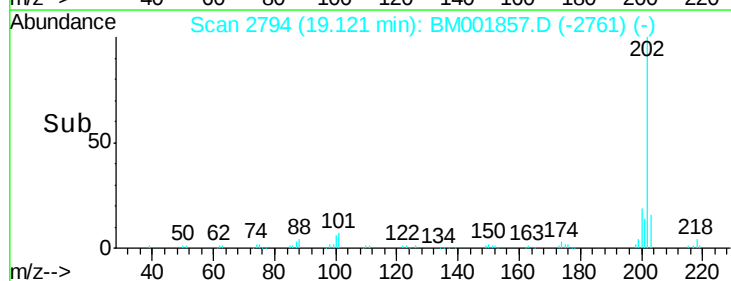
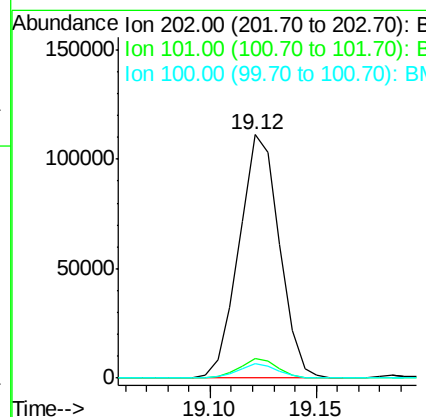
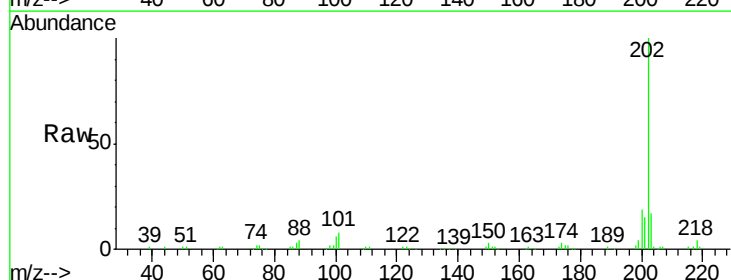
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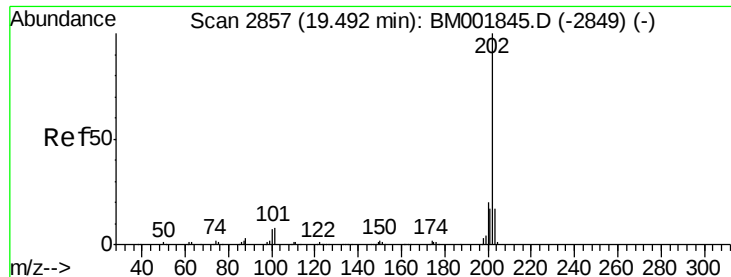
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#76
 Fluoranthene
 Concen: 7.29 ng/ul
 RT: 19.12 min Scan# 2794
 Delta R.T. -0.01 min
 Lab File: BM001857.D
 Acq: 07 Jul 2015 04:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.1	9.1
100	5.9	4.8	7.2





#79

Pyrene

Concen: 13.44 ng/ul

RT: 19.49 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM001857.D

Acq: 07 Jul 2015 04:58

Instrument :

BNA_M

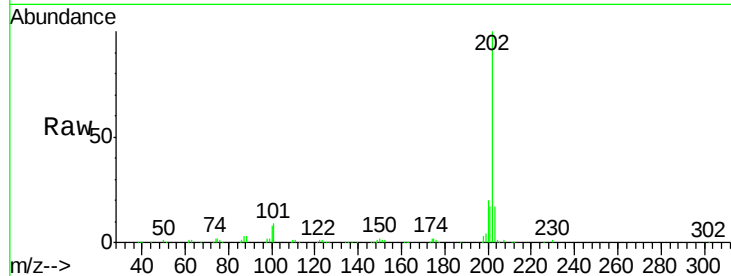
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G93K6DL

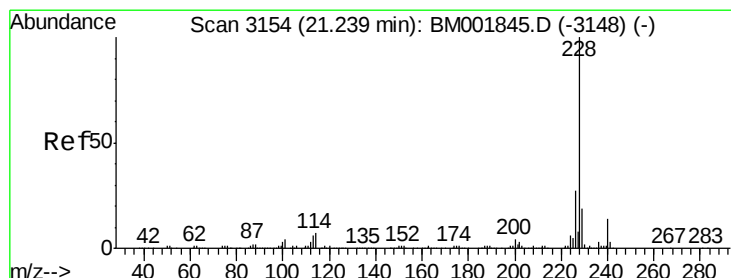
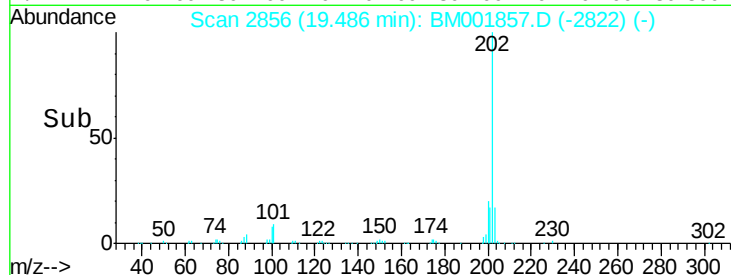
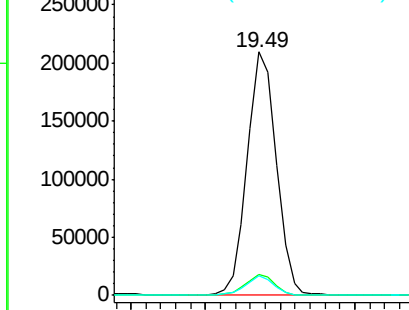
Tgt	Ion	202	Resp	283684
Ion	Ratio	Lower	Upper	
202	100			
101	8.6	6.9	10.3	
100	7.8	6.2	9.2	

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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



#82

Benzo(a)anthracene

Concen: 3.48 ng/ul

RT: 21.24 min Scan# 3154

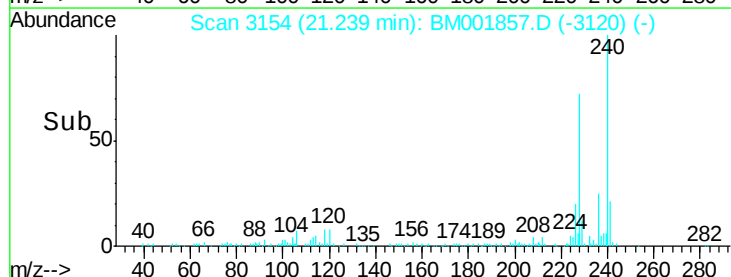
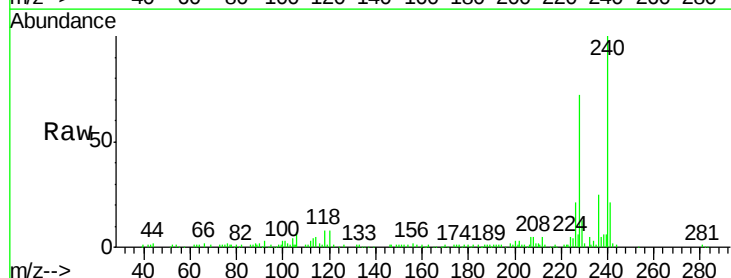
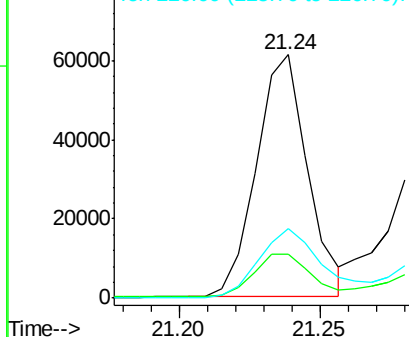
Delta R.T. 0.00 min

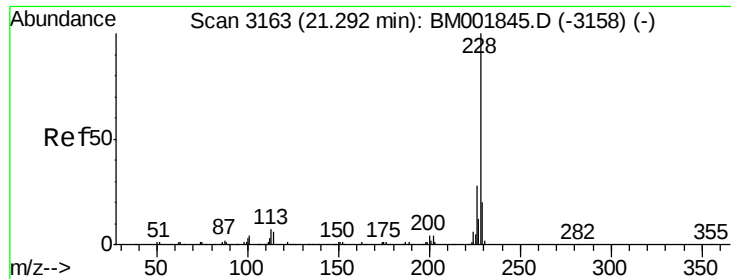
Lab File: BM001857.D

Acq: 07 Jul 2015 04:58

Tgt	Ion	228	Resp	77320
Ion	Ratio	Lower	Upper	
228	100			
229	18.2	15.4	23.0	
226	28.7	20.6	30.8	

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





#84

Chrysene

Concen: 3.10 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BM001857.D

Acq: 07 Jul 2015 04:58

Instrument :

BNA_M

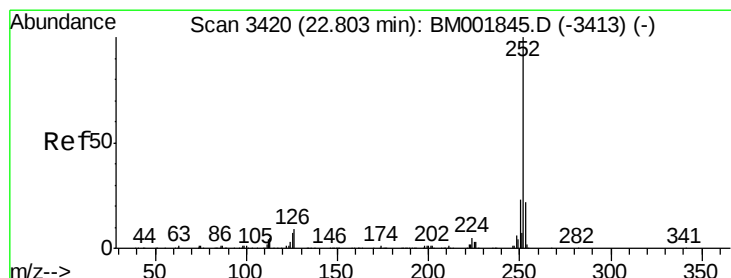
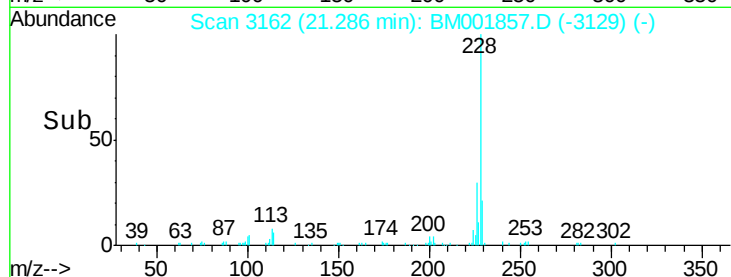
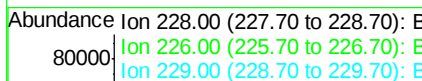
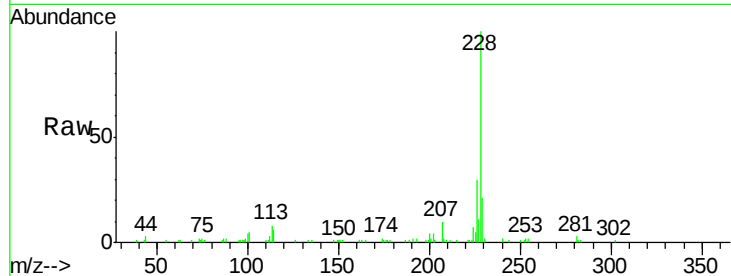
ClientSampleId :

G93K6DL

Tgt Ion:	228	Resp:	65277
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.0	34.4
229	21.2	15.4	23.2

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#87

Benzo(b)fluoranthene

Concen: 2.66 ng/ul m

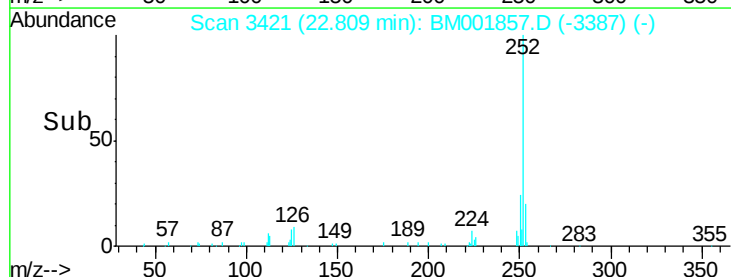
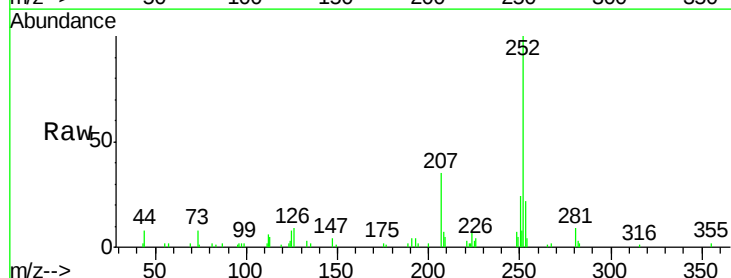
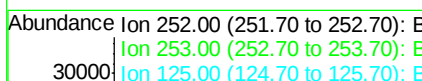
RT: 22.81 min Scan# 3421

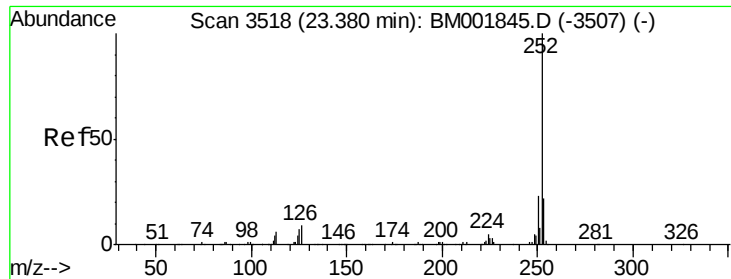
Delta R.T. 0.00 min

Lab File: BM001857.D

Acq: 07 Jul 2015 04:58

Tgt Ion:	252	Resp:	59884
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	8.1	5.3	7.9#





#90

Benzo(a)pyrene

Concen: 3.45 ng/ul

RT: 23.37 min Scan# 3517

Delta R.T. -0.01 min

Lab File: BM001857.D

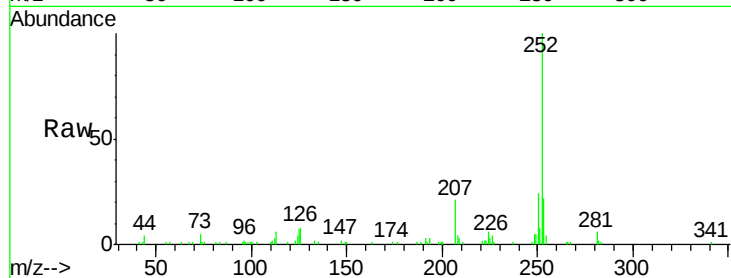
Acq: 07 Jul 2015 04:58

Instrument :

BNA_M

ClientSampleId :

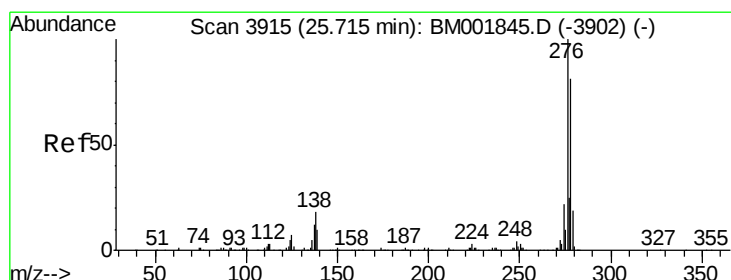
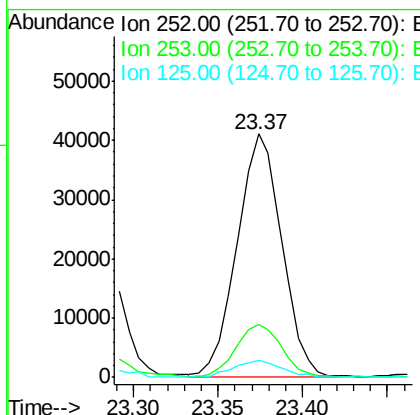
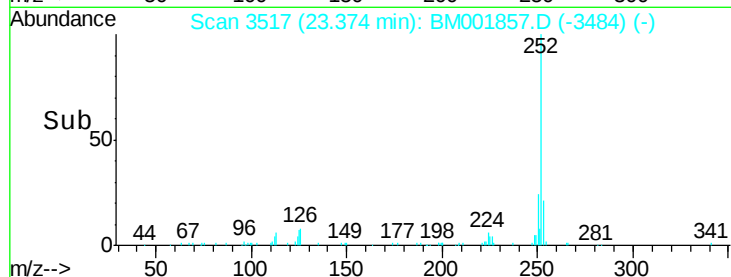
G93K6DL



Tgt Ion:	252	Resp:	75738
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.0
125	7.2	6.0	9.0

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#91

Indeno(1,2,3-cd)pyrene

Concen: 1.26 ng/ul

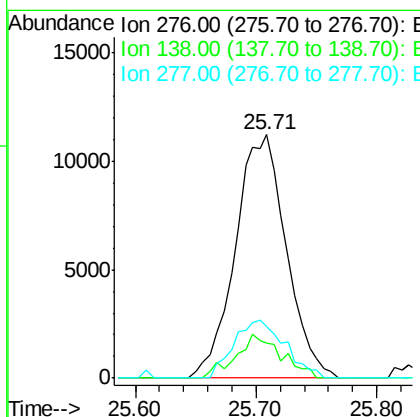
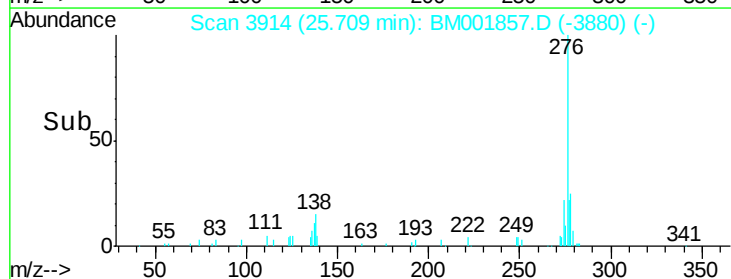
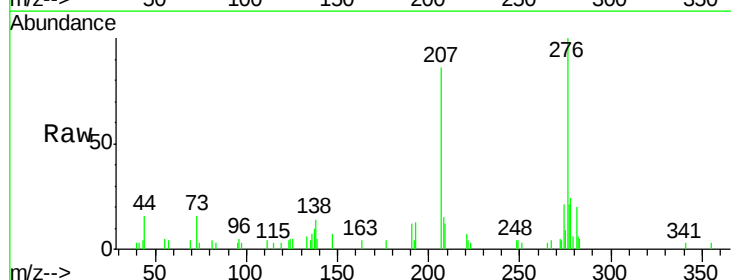
RT: 25.71 min Scan# 3914

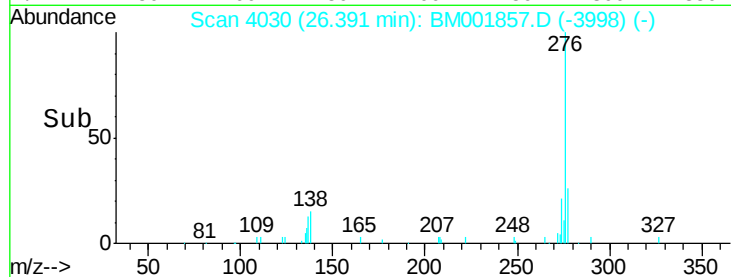
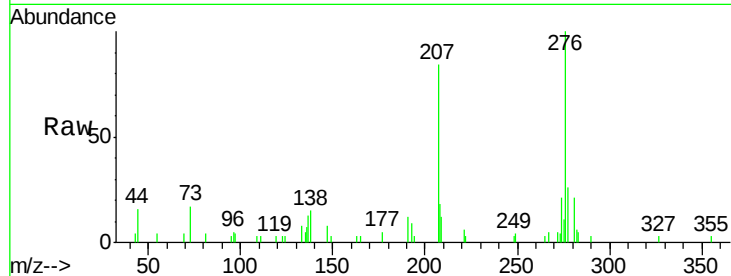
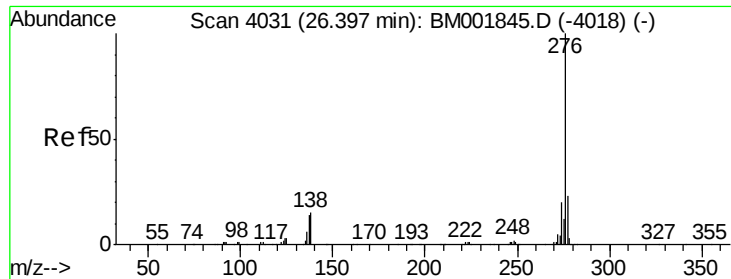
Delta R.T. 0.00 min

Lab File: BM001857.D

Acq: 07 Jul 2015 04:58

Tgt Ion:	276	Resp:	32853
Ion Ratio	Lower	Upper	
276	100		
138	14.1	14.7	22.1#
277	21.1	19.7	29.5





#93

Benzo(g,h,i)perylene

Concen: 1.47 ng/ul

RT: 26.39 min Scan# 4030

Delta R.T. -0.01 min

Lab File: BM001857.D

Acq: 07 Jul 2015 04:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	12.6	19.0
277	25.7	18.7	28.1

Instrument :

BNA_M

ClientSampleId :

G93K6DL

Manual Integrations
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