

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001860.D
 Acq On : 07 Jul 2015 09:59
 Operator : TP/UM
 Sample : G2861-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L7

Manual Integrations
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Quant Time: Jul 08 11:17:10 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 02:11:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	58020	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	223679	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	131392	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	297651	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	364429	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	364661	20.00	ng/ul	0.01

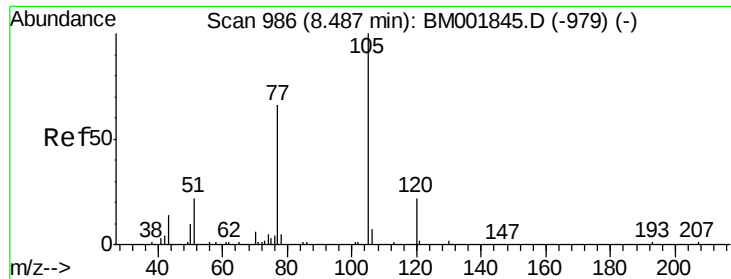
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	3902	3.21	ng/uL	0.00
5) Phenol-d5	6.83	99	71735	16.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	43952	17.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	61988	17.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	21905	6.12	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	29039	18.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	29814	17.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	60532	16.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	34478	9.35	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	183990	18.88	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	225823	17.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	23574	13.11	ng/ul	0.00
57) Fluorene-d10	15.31	176	162203	17.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	19321	10.63	ng/ul	0.00
70) Anthracene-d10	17.16	188	256094	18.47	ng/ul	0.00
78) Pyrene-d10	19.46	212	276456	17.91	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	274587	17.08	ng/ul	0.01

Target Compounds

						Qvalue
14) Acetophenone	8.48	105	13770	2.42	ng/ul	98
28) Naphthalene	10.50	128	74685	6.61	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	13894	1.70	ng/ul	90
44) Dimethylphthalate	13.77	163	65046	6.11	ng/ul	100
47) Acenaphthylene	14.04	152	158560	12.18	ng/ul	99
49) Acenaphthene	14.38	153	97295	11.18	ng/ul	99
53) Dibenzofuran	14.72	168	23602	1.89	ng/ul	92
58) Fluorene	15.36	166	98163	9.46	ng/ul	98
69) Phenanthrene	17.10	178	134807	8.35	ng/ul	96
71) Anthracene	17.19	178	117711	7.10	ng/ul	97
76) Fluoranthene	19.13	202	1082002	56.05	ng/ul	99
79) Pyrene	19.50	202	1406697	69.58	ng/ul	98
82) Benzo(a)anthracene	21.24	228	645654	30.32	ng/ul	92
84) Chrysene	21.30	228	580150	28.74	ng/ul	98
87) Benzo(b)fluoranthene	22.82	252	764267	36.00	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	281562m	13.73	ng/ul	
90) Benzo(a)pyrene	23.39	252	746395	36.14	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.73	276	487587	19.91	ng/ul#	96
92) Dibenzo(a,h)anthracene	25.73	278	121951	5.90	ng/ul#	86
93) Benzo(g,h,i)perylene	26.42	276	471947	22.92	ng/ul	96

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



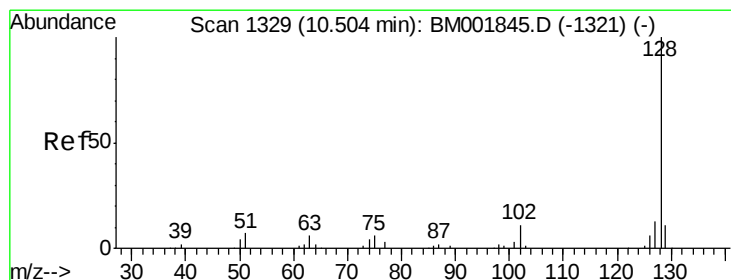
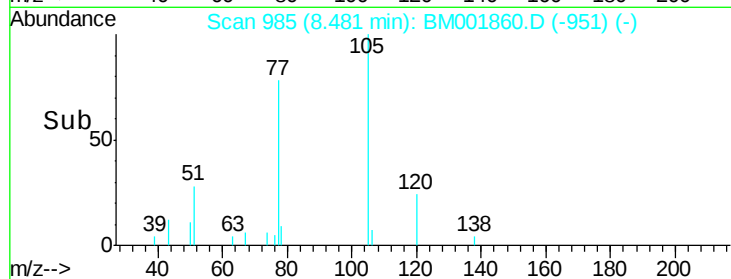
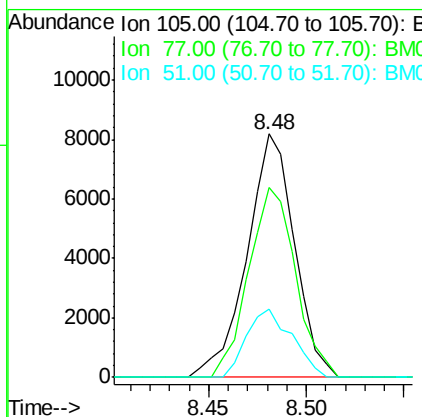
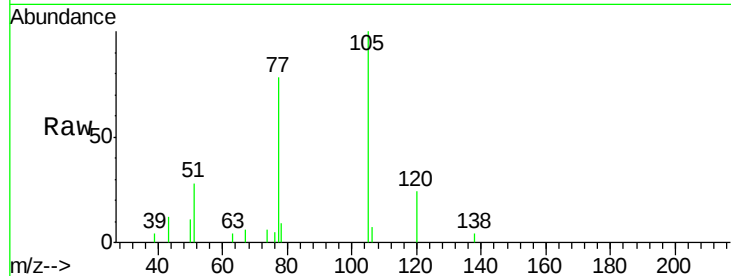
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Acetophenone
Concen: 2.42 ng/ul
RT: 8.48 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Instrument :
BNA_M
ClientSampleId :
G93L7

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
77	78.0	64.2	96.4
51	28.0	22.0	33.0

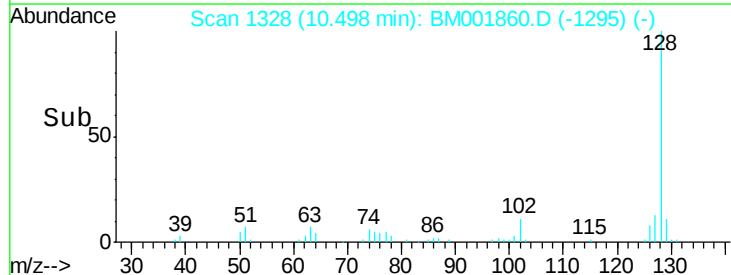
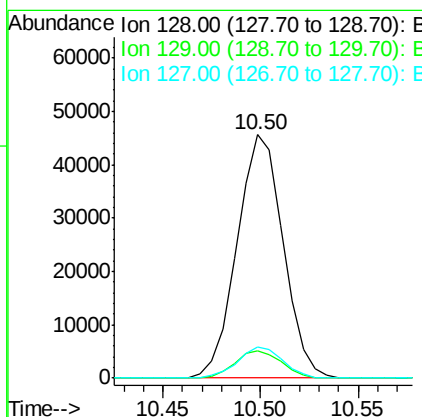
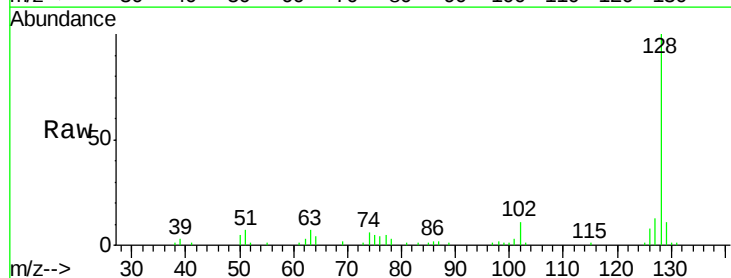
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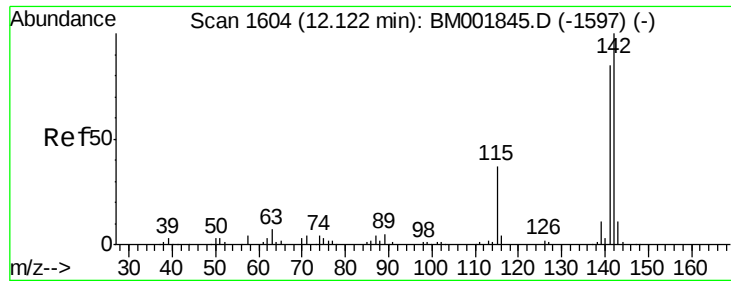
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#28
Naphthalene
Concen: 6.61 ng/ul
RT: 10.50 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.4	8.7	13.1
127	12.6	10.0	15.0





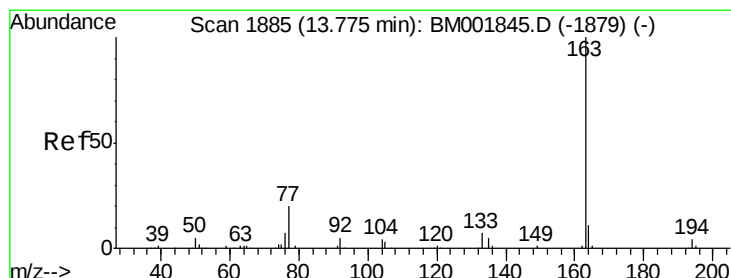
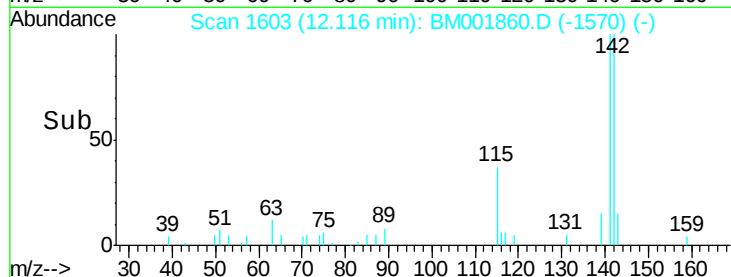
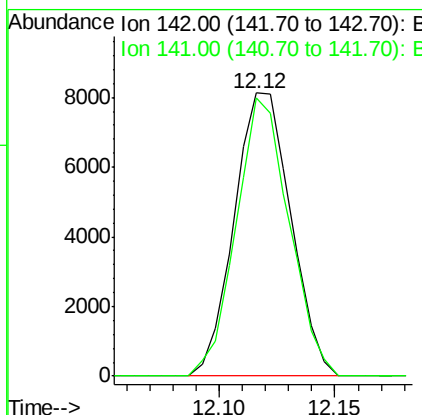
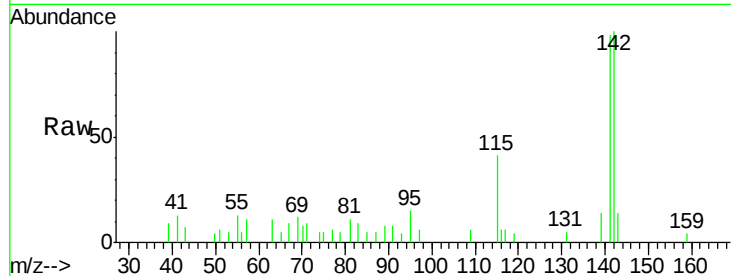
#34
2-Methylnaphthalene
Concen: 1.70 ng/ul
RT: 12.12 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Instrument :
BNA_M
ClientSampleId :
G93L7

Tgt Ion:142 Resp: 13894
Ion Ratio Lower Upper
142 100
141 98.5 71.6 107.4

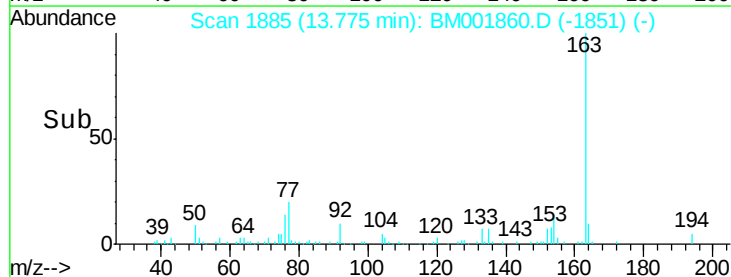
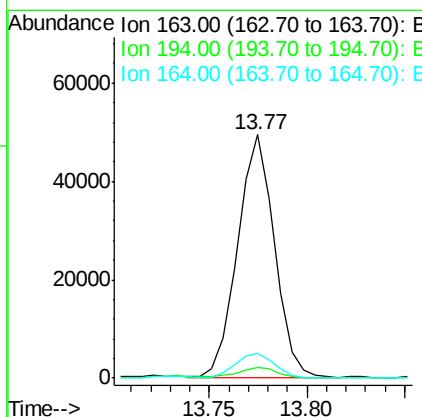
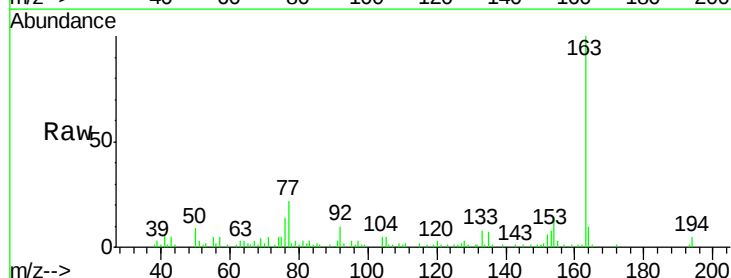
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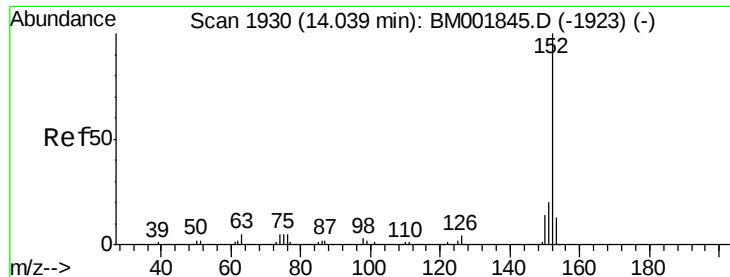
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#44
Dimethylphthalate
Concen: 6.11 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. 0.00 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Tgt Ion:163 Resp: 65046
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 10.1 8.0 12.0





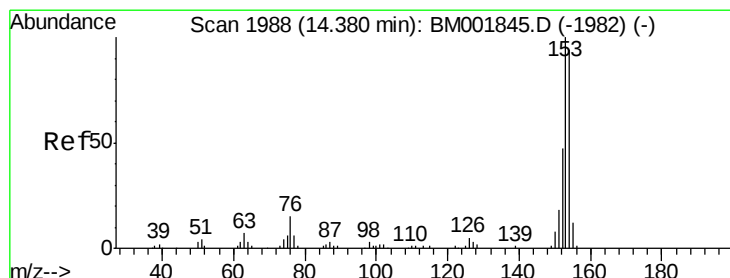
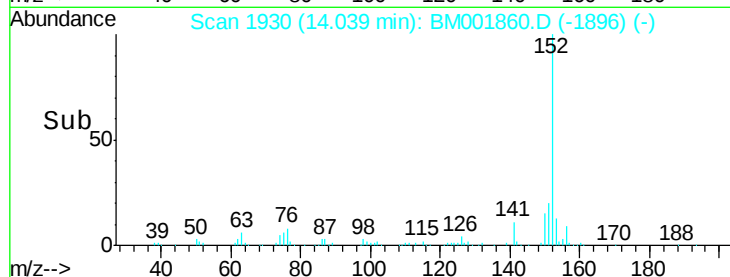
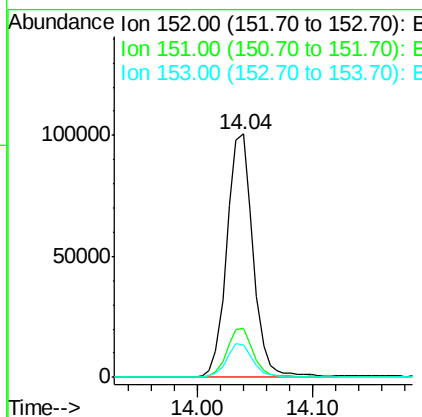
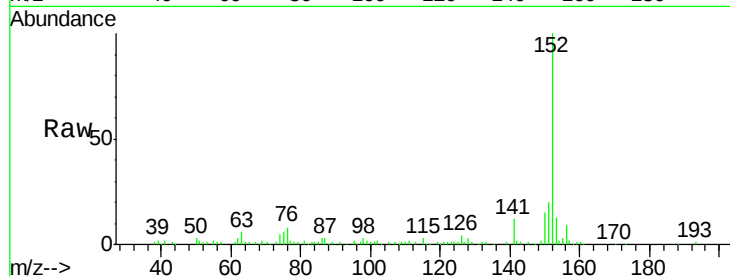
#47
Acenaphthylene
Concen: 12.18 ng/ul
RT: 14.04 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Instrument :
BNA_M
ClientSampled :
G93L7

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	158560		
151	20.1	15.9	23.9	
153	13.4	10.0	15.0	

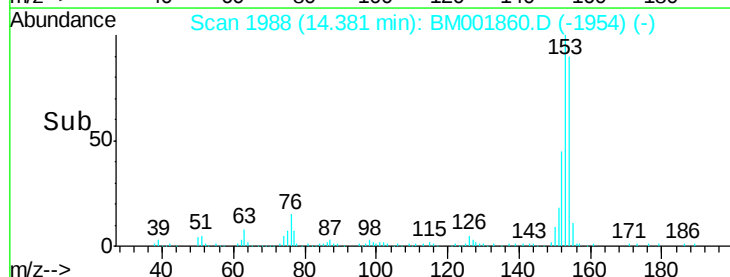
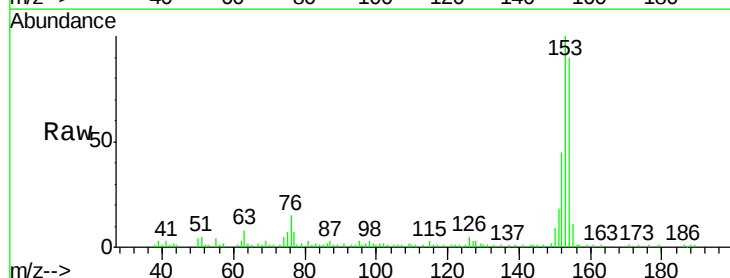
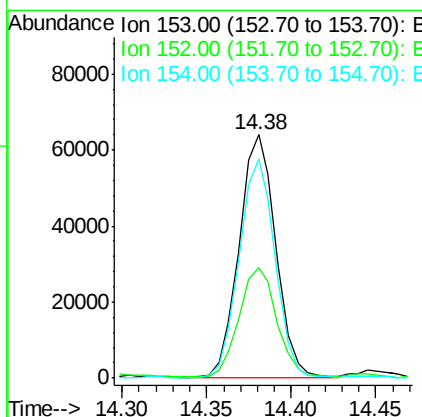
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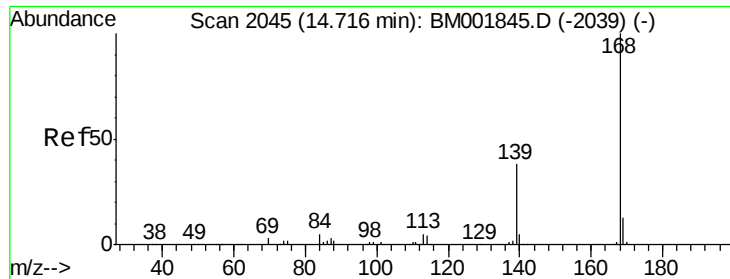
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#49
Acenaphthene
Concen: 11.18 ng/ul
RT: 14.38 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	97295		
152	45.3	36.6	55.0	
154	89.8	72.6	108.8	





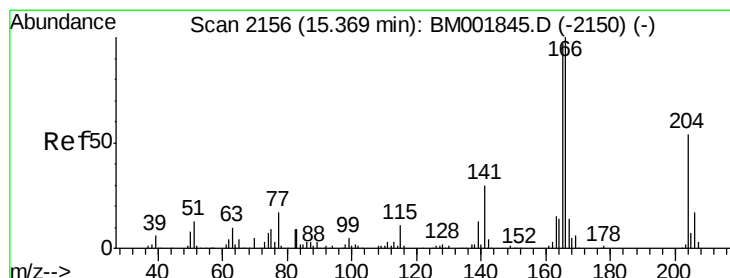
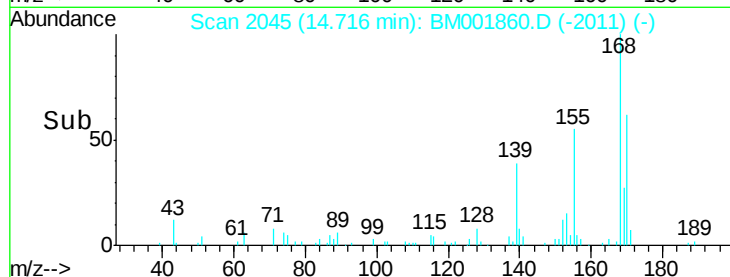
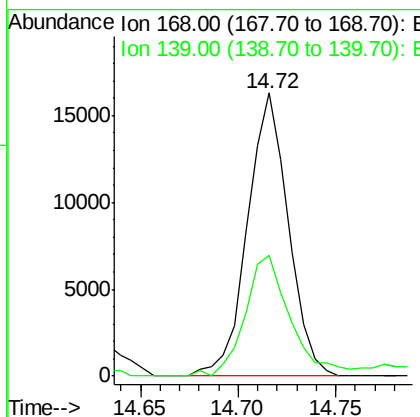
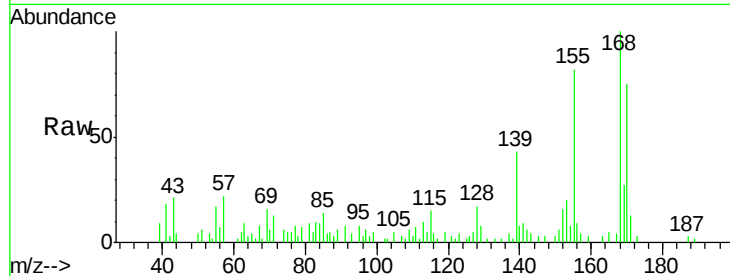
#53
Dibenzenofuran
Concen: 1.89 ng/ul
RT: 14.72 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Instrument :
BNA_M
ClientSampleId :
G93L7

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.6	30.1	45.1

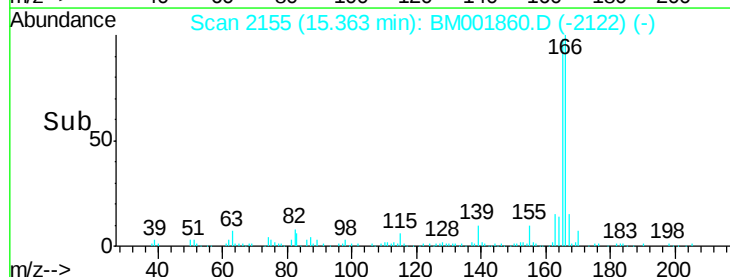
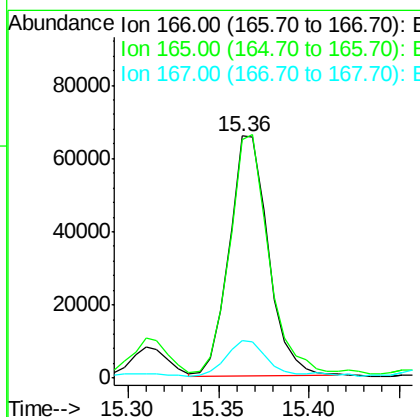
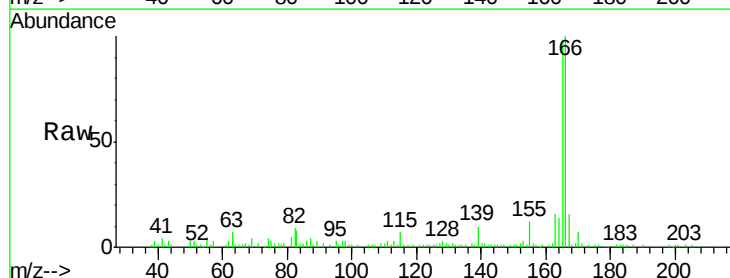
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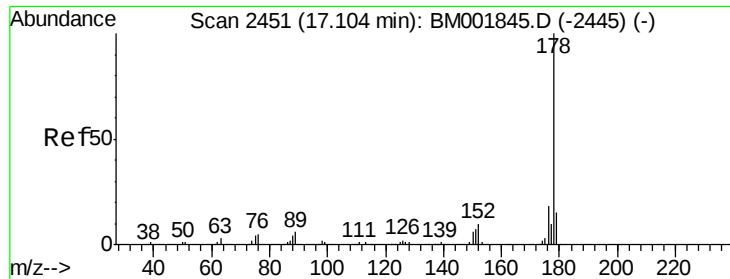
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#58
Fluorene
Concen: 9.46 ng/ul
RT: 15.36 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.4	116.2
167	15.7	11.3	16.9





#69

Phenanthrene

Concen: 8.35 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM001860.D

Acq: 07 Jul 2015 09:59

Instrument :

BNA_M

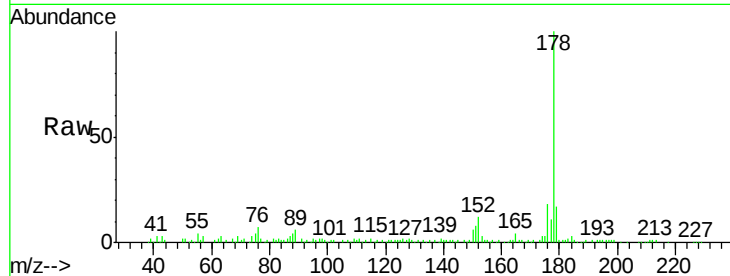
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G93L7

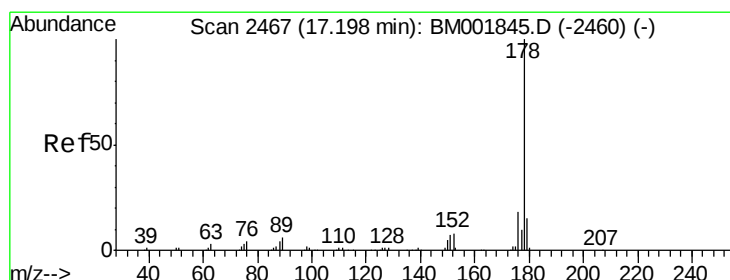
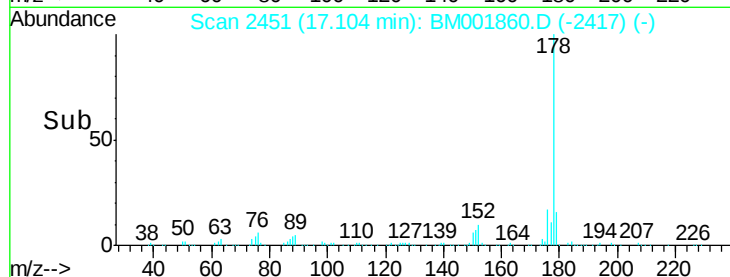
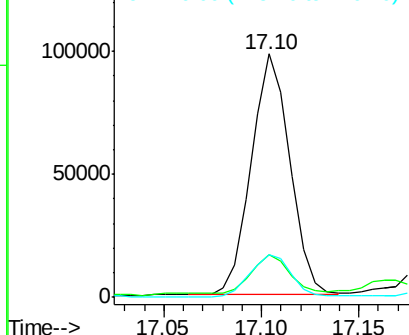
Tgt Ion:	178	Resp:	134807
Ion Ratio	Lower	Upper	
178	100		
179	17.3	11.9	17.9
176	17.5	15.2	22.8

Manual Integrations
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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



#71

Anthracene

Concen: 7.10 ng/ul

RT: 17.19 min Scan# 2466

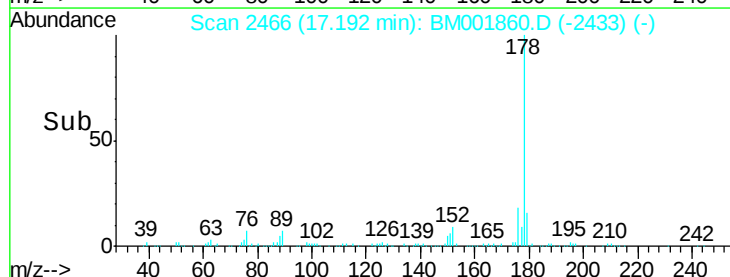
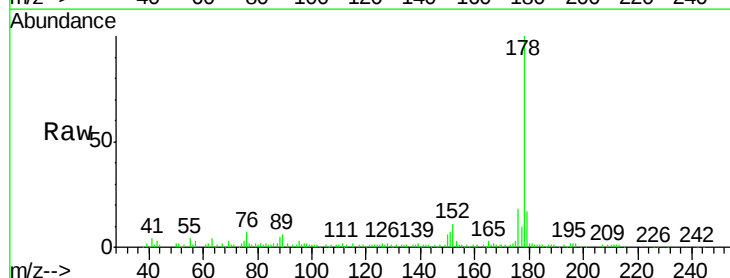
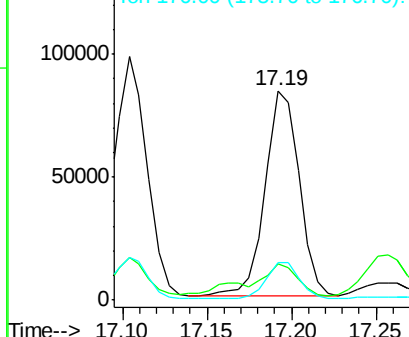
Delta R.T. -0.01 min

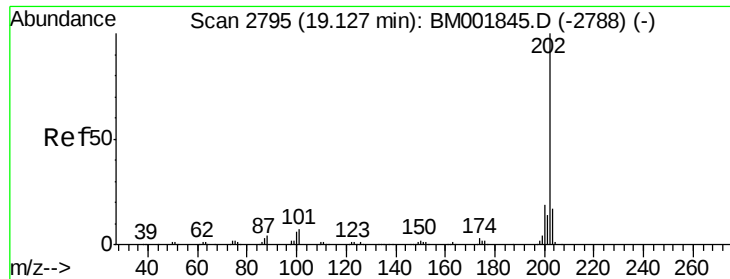
Lab File: BM001860.D

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Tgt Ion:	178	Resp:	117711
Ion Ratio	Lower	Upper	
178	100		
179	17.1	11.8	17.8
176	18.0	14.4	21.6

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





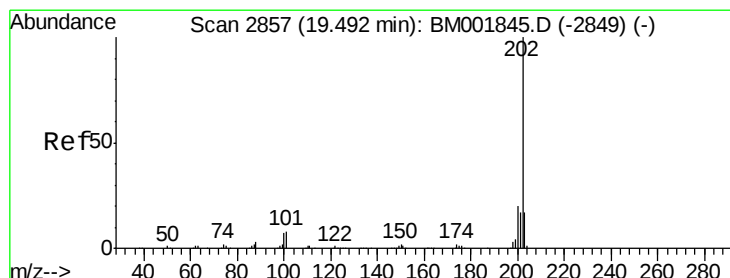
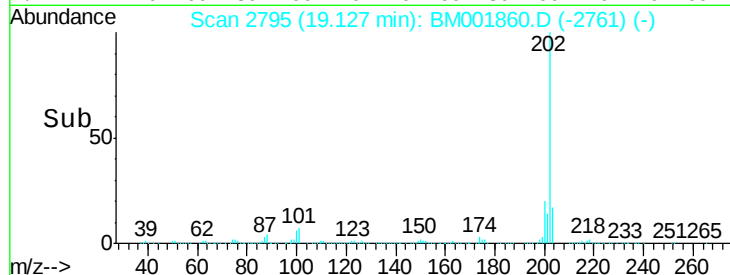
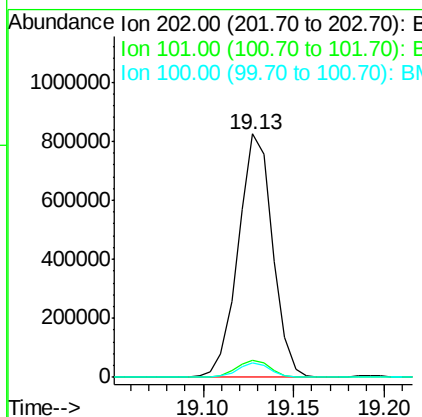
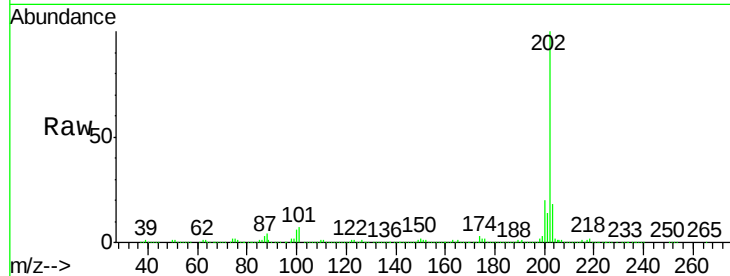
#76
 Fluoranthene
 Concen: 56.05 ng/ul
 RT: 19.13 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BM001860.D
 Acq: 07 Jul 2015 09:59

Instrument :
 BNA_M
 ClientSampleId :
 G93L7

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1082002		
101	7.2	6.1	9.1	
100	6.0	4.8	7.2	

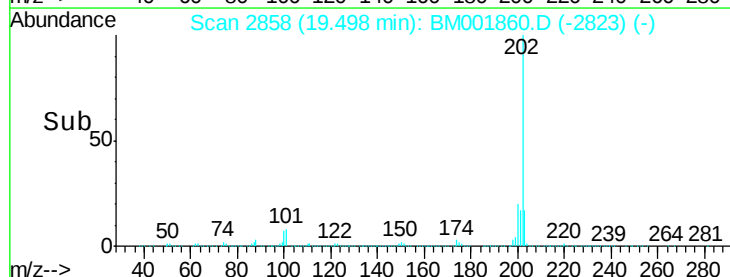
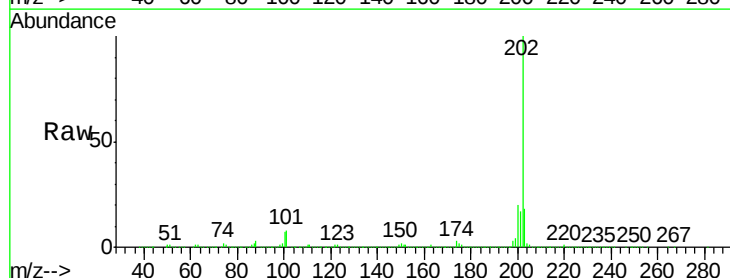
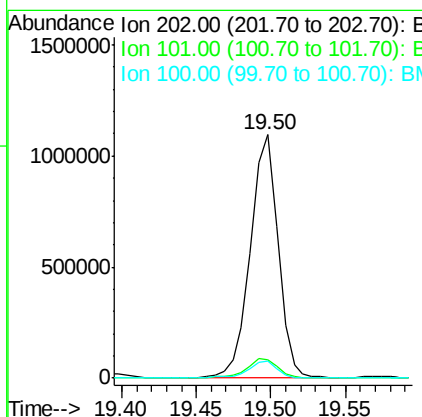
Manual Integrations
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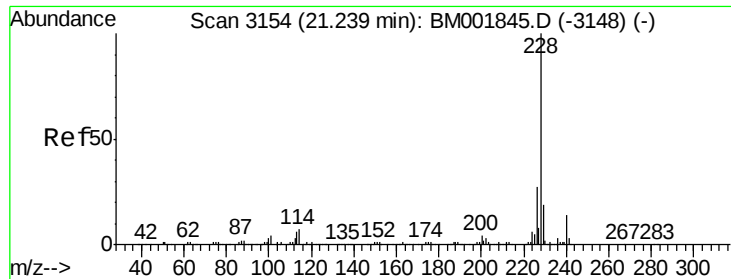
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#79
 Pyrene
 Concen: 69.58 ng/ul
 RT: 19.50 min Scan# 2858
 Delta R.T. 0.01 min
 Lab File: BM001860.D
 Acq: 07 Jul 2015 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1406697		
101	7.8	6.9	10.3	
100	6.8	6.2	9.2	





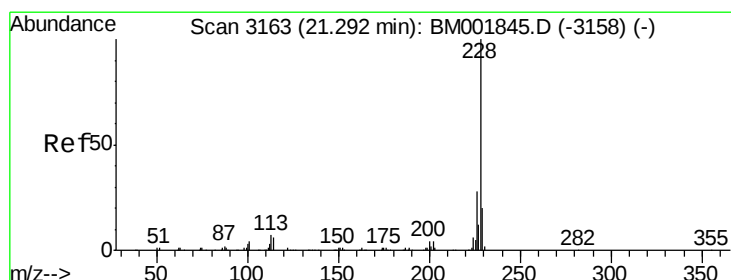
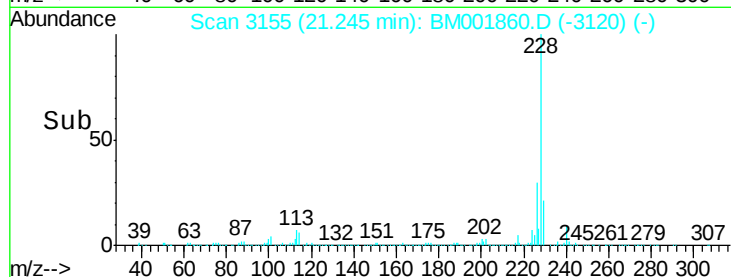
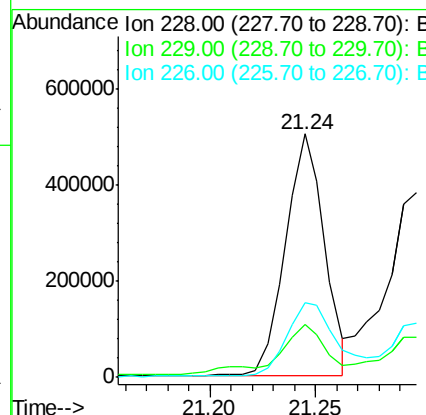
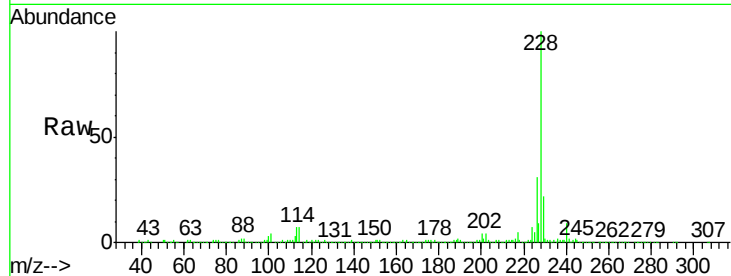
#82
Benzo(a)anthracene
Concen: 30.32 ng/ul
RT: 21.24 min Scan# 3155
Delta R.T. 0.01 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Instrument :
BNA_M
ClientSampleId :
G93L7

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.4	23.0
226	30.7	20.6	30.8

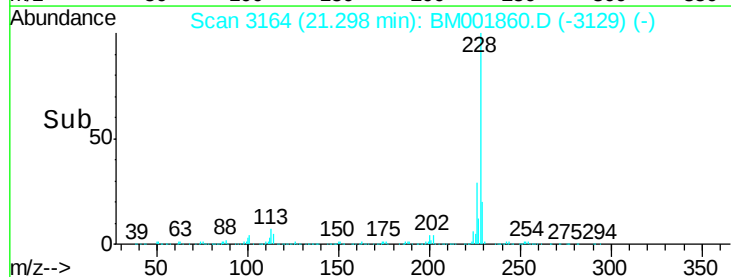
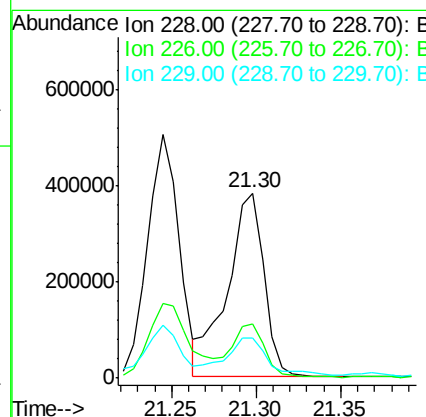
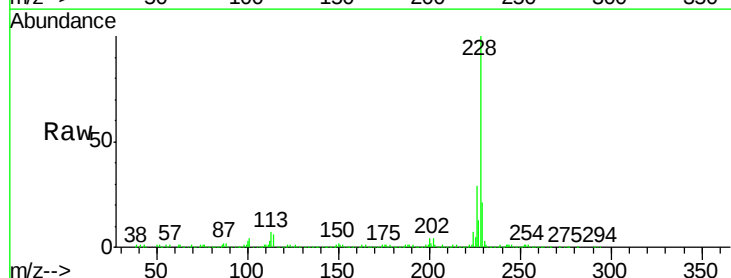
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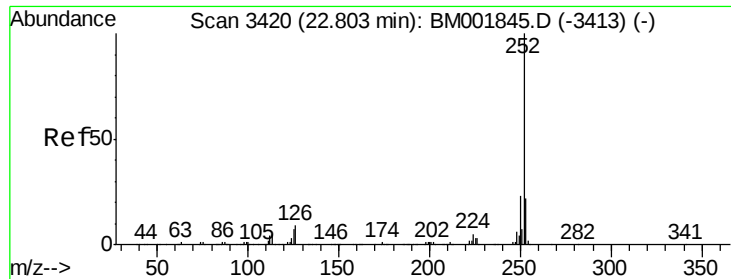
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#84
Chrysene
Concen: 28.74 ng/ul
RT: 21.30 min Scan# 3164
Delta R.T. 0.01 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.0	34.4
229	21.5	15.4	23.2





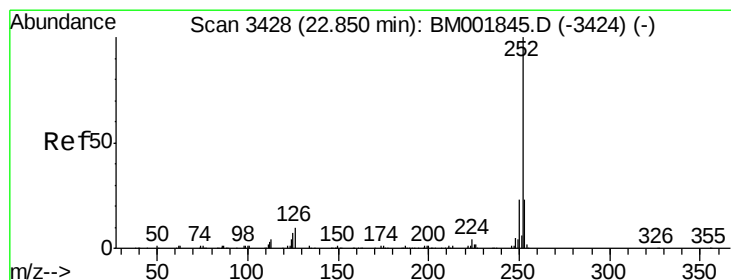
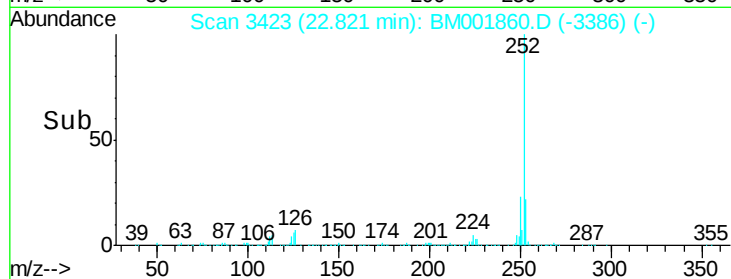
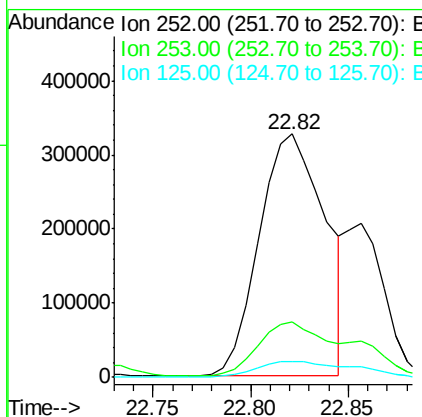
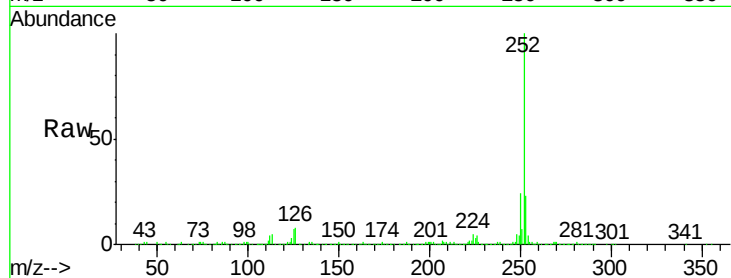
#87
Benzo(b)fluoranthene
Concen: 36.00 ng/ul
RT: 22.82 min Scan# 3423
Delta R.T. 0.02 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Instrument :
BNA_M
ClientSampleId :
G93L7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	6.7	5.3	7.9

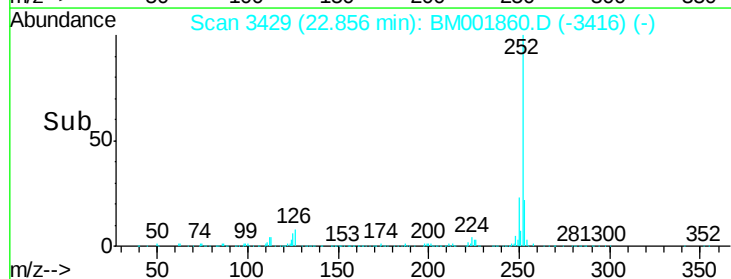
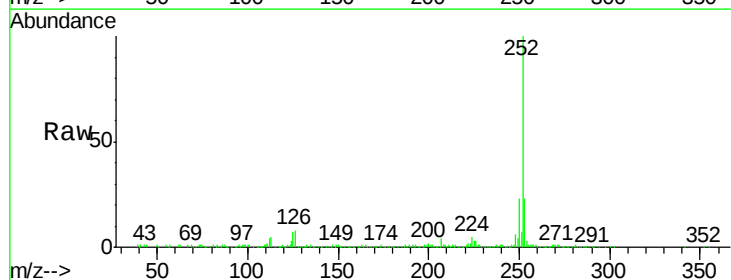
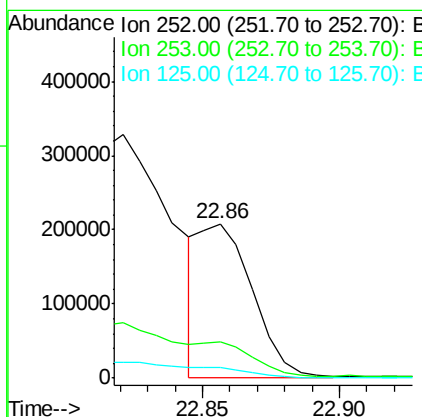
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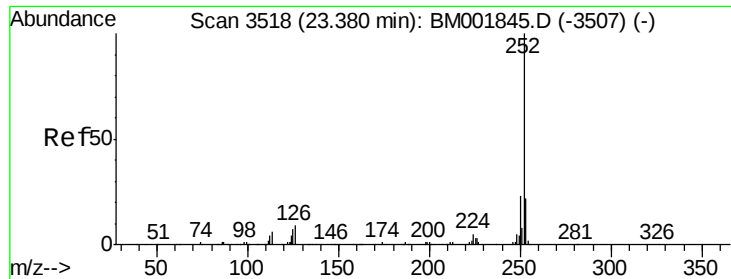
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#88
Benzo(k)fluoranthene
Concen: 13.73 ng/ul m
RT: 22.86 min Scan# 3429
Delta R.T. 0.01 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	6.6	5.3	7.9





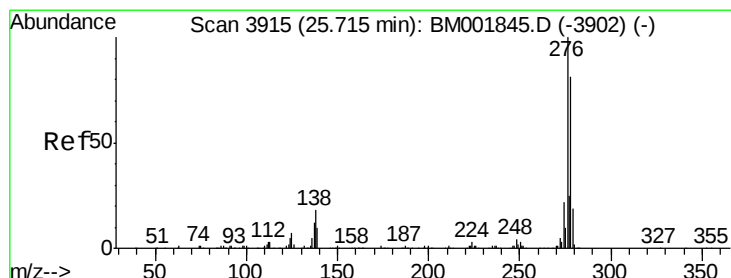
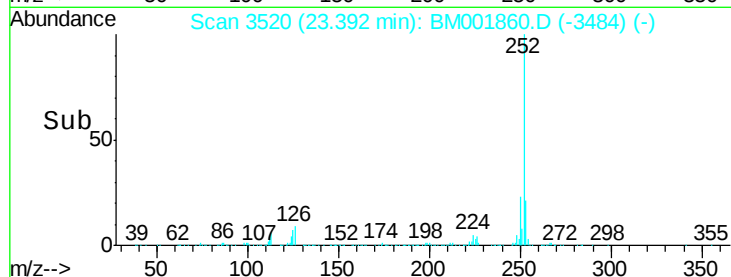
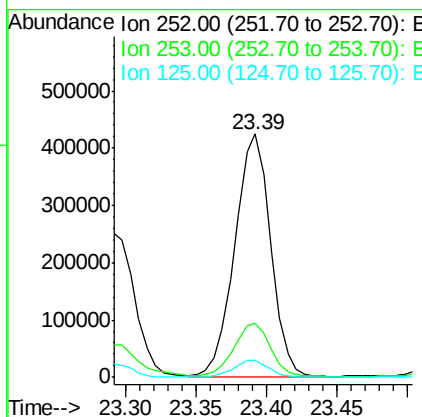
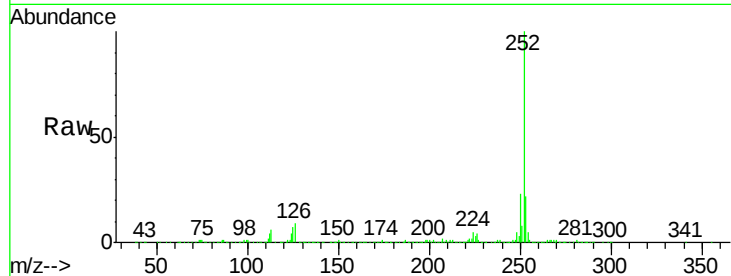
#90
Benzo(a)pyrene
Concen: 36.14 ng/ul
RT: 23.39 min Scan# 3520
Delta R.T. 0.01 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Instrument :
BNA_M
ClientSampleId :
G93L7

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	746395		
253	22.4		17.4	26.0
125	6.9		6.0	9.0

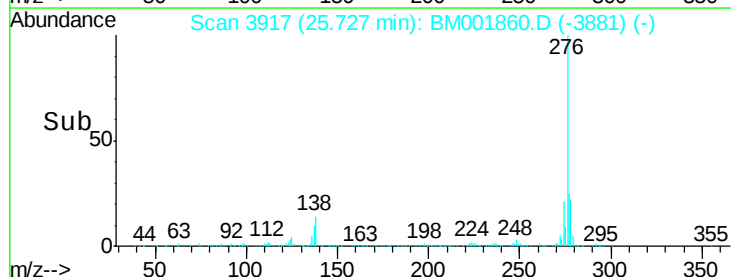
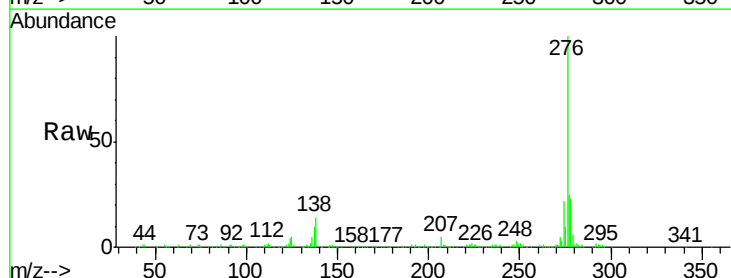
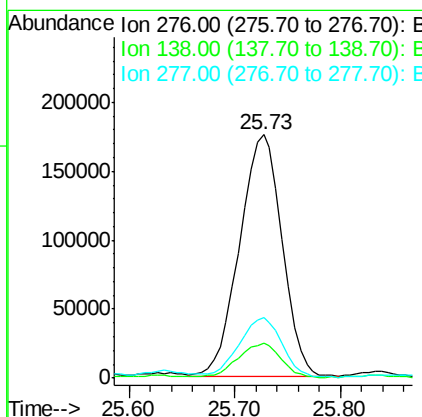
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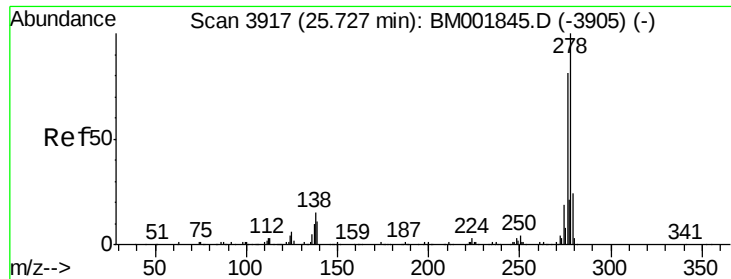
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#91
Indeno(1,2,3-cd)pyrene
Concen: 19.91 ng/ul
RT: 25.73 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	487587		
138	14.4		14.7	22.1#
277	24.9		19.7	29.5





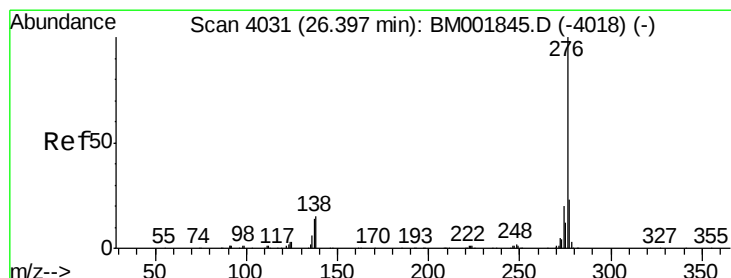
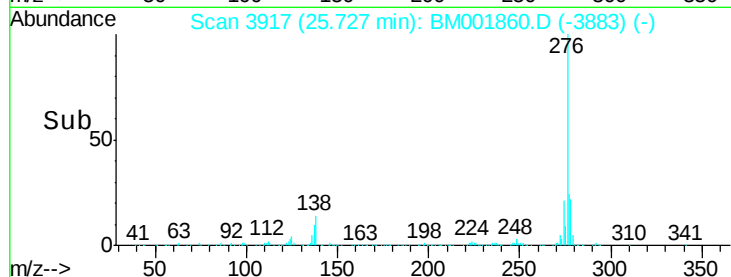
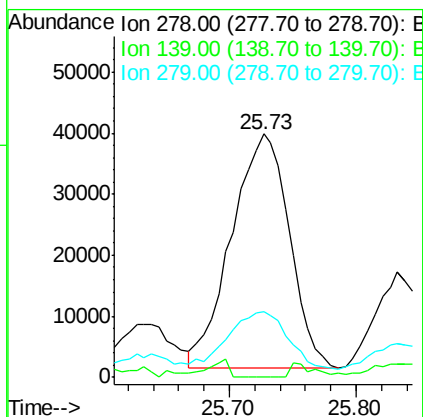
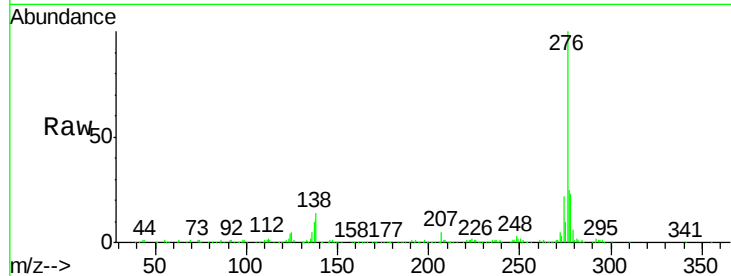
#92
Dibenzo(a,h)anthracene
Concen: 5.90 ng/ul
RT: 25.73 min Scan# 3917
Delta R.T. 0.00 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Instrument :
BNA_M
ClientSampled :
G93L7

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.2	13.8#
279	27.1	19.1	28.7

Manual Integrations
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#93
Benzo(g,h,i)perylene
Concen: 22.92 ng/ul
RT: 26.42 min Scan# 4035
Delta R.T. 0.02 min
Lab File: BM001860.D
Acq: 07 Jul 2015 09:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.9	12.6	19.0
277	24.8	18.7	28.1

