

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001861.D
 Acq On : 07 Jul 2015 10:36
 Operator : TP/UM
 Sample : G2861-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L3

Manual Integrations
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Quant Time: Jul 08 03:13:35 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	55587	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	209150	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	125142	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	270214	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	324823	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	336931	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	2029	1.74	ng/uL	0.00
5) Phenol-d5	6.83	99	42085	9.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	26394	11.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	36531	10.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	27533	8.03	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	17987	12.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	18626	11.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	36517	10.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	111027	32.20	ng/ul	-0.03
43) Dimethylphthalate-d6	13.73	166	98341	10.60	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	131932	10.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	22462	13.12	ng/ul	0.00
57) Fluorene-d10	15.32	176	97603	11.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	12327	7.47	ng/ul	0.00
70) Anthracene-d10	17.16	188	144120	11.45	ng/ul	0.00
78) Pyrene-d10	19.46	212	160420	11.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	170218	11.46	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.48	105	7582	1.39	ng/ul#	66
28) Naphthalene	10.50	128	18452	1.75	ng/ul#	43
34) 2-Methylnaphthalene	12.13	142	573215	75.06	ng/ul	98
44) Dimethylphthalate	13.77	163	35231	3.47	ng/ul#	93
49) Acenaphthene	14.39	153	45233	5.46	ng/ul	95
58) Fluorene	15.37	166	84411	8.55	ng/ul#	94
69) Phenanthrene	17.11	178	359694	24.55	ng/ul	97
76) Fluoranthene	19.13	202	179797	10.26	ng/ul	99
79) Pyrene	19.49	202	260019	14.43	ng/ul	100
82) Benzo(a)anthracene	21.24	228	123463	6.51	ng/ul#	91
84) Chrysene	21.29	228	127074	7.06	ng/ul#	94
87) Benzo(b)fluoranthene	22.81	252	215929	11.01	ng/ul#	95
88) Benzo(k)fluoranthene	22.86	252	68131m	3.59	ng/ul	
90) Benzo(a)pyrene	23.39	252	188677	9.89	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.72	276	174080	7.69	ng/ul	95
92) Dibenzo(a,h)anthracene	25.73	278	41357	2.17	ng/ul#	83
93) Benzo(g,h,i)perylene	26.41	276	156826	8.24	ng/ul	97

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

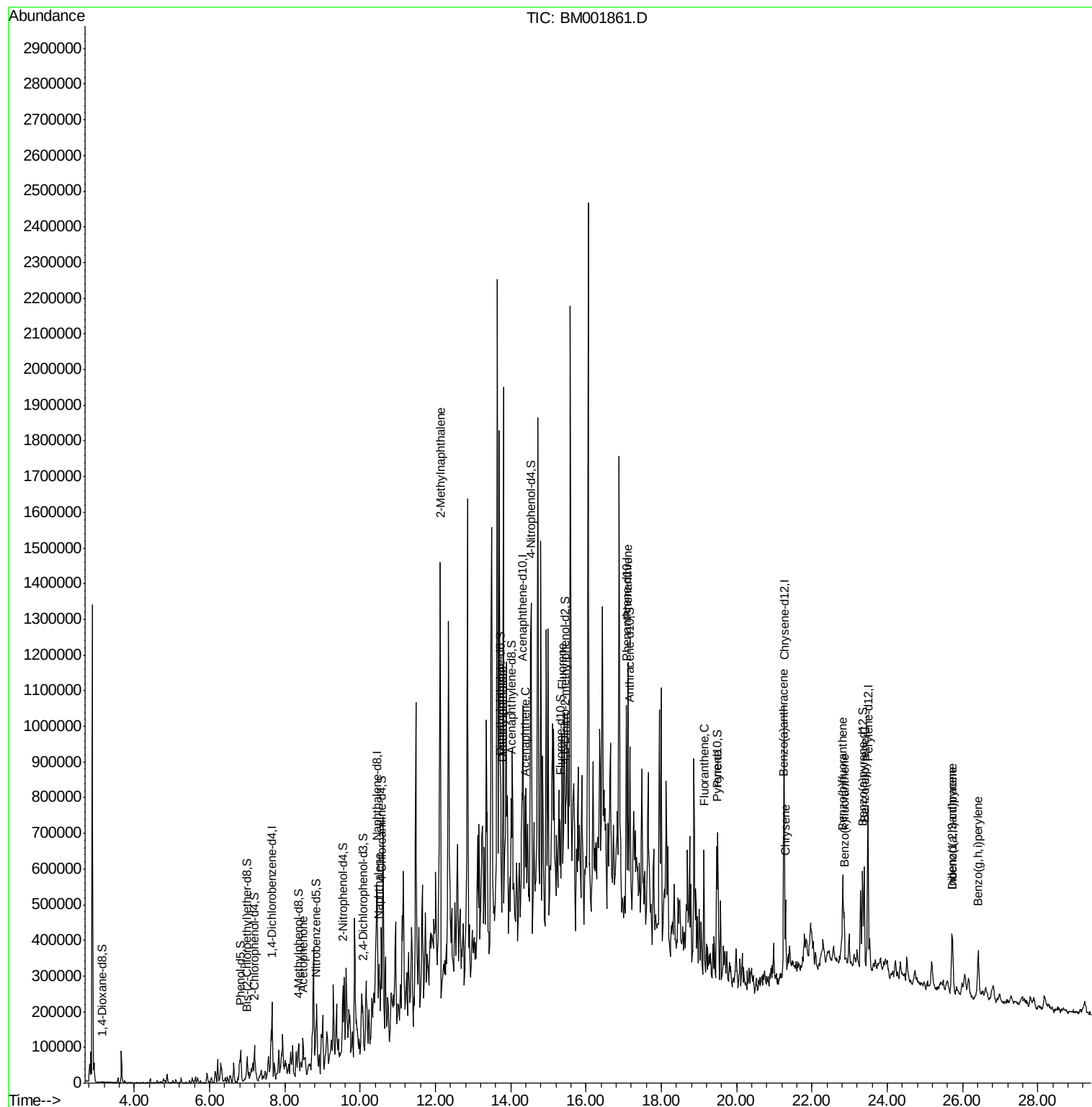
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001861.D
Acq On : 07 Jul 2015 10:36
Operator : TP/UM
Sample : G2861-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

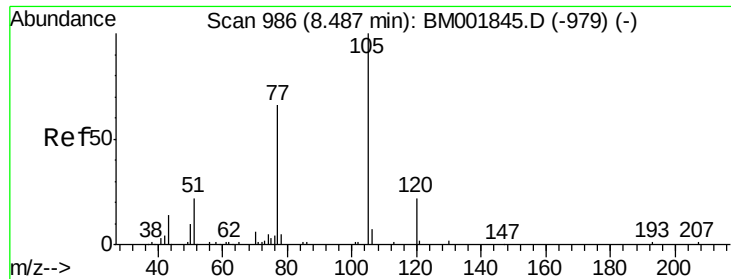
Instrument :
BNA_M
ClientSampleId :
G93L3

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Quant Time: Jul 08 03:13:35 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





#14

Acetophenone

Concen: 1.39 ng/ul

RT: 8.48 min Scan# 985

Delta R.T. 0.00 min

Lab File: BM001861.D

Acq: 07 Jul 2015 10:36

Instrument :

BNA_M

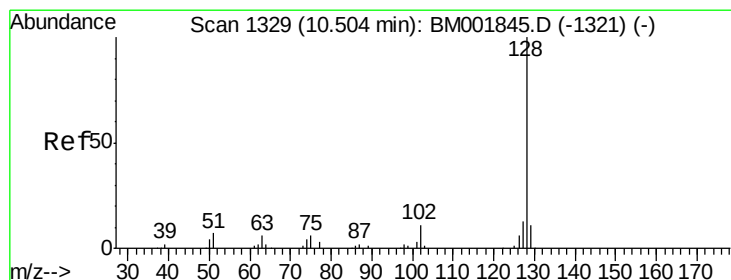
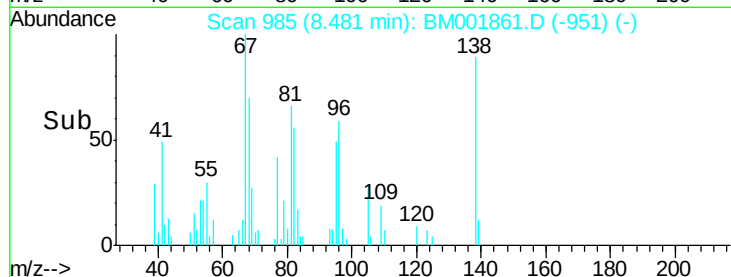
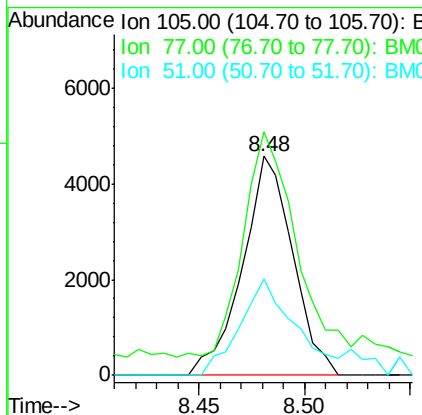
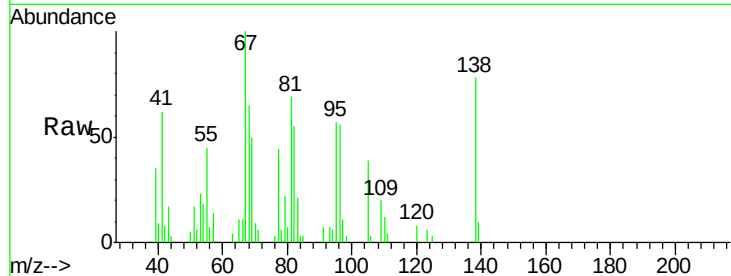
ClientSampleId :

G93L3

Tgt Ion:	105	Resp:	7582
Ion Ratio	Lower	Upper	
105	100		
77	111.3	64.2	96.4#
51	44.1	22.0	33.0#

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#28

Naphthalene

Concen: 1.75 ng/ul

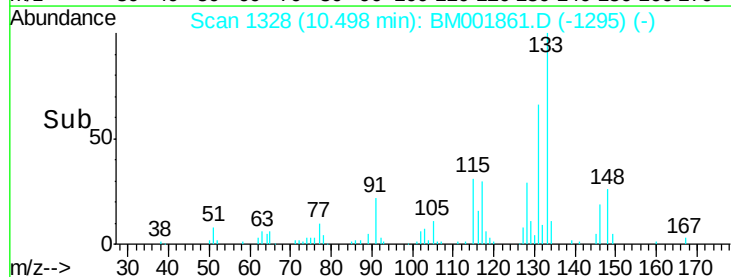
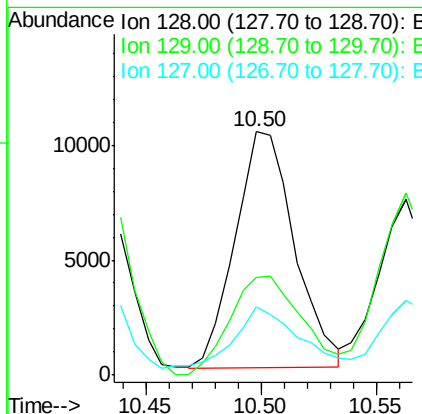
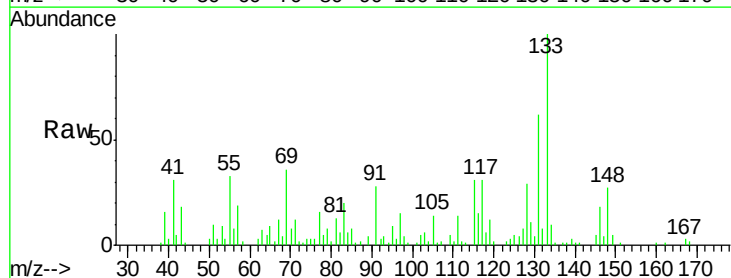
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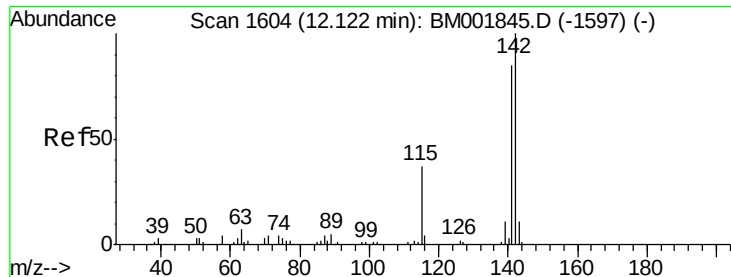
Delta R.T. -0.01 min

Lab File: BM001861.D

Acq: 07 Jul 2015 10:36

Tgt Ion:	128	Resp:	18452
Ion Ratio	Lower	Upper	
128	100		
129	40.0	8.7	13.1#
127	27.9	10.0	15.0#





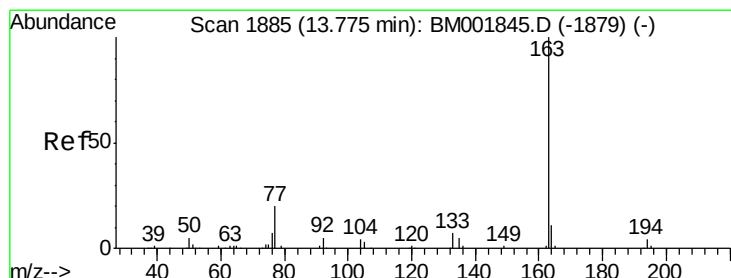
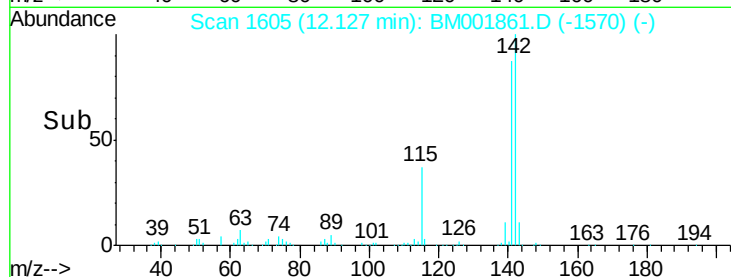
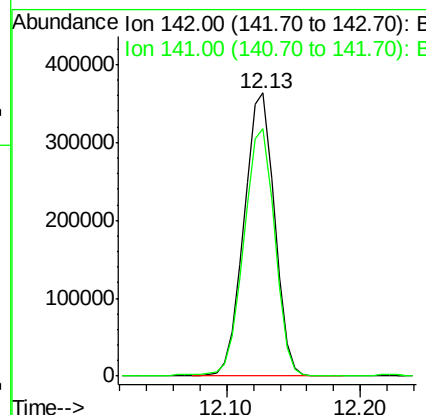
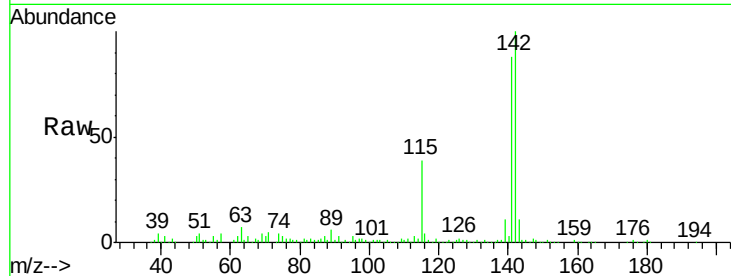
#34
 2-Methylnaphthalene
 Concen: 75.06 ng/ul
 RT: 12.13 min Scan# 1605
 Delta R.T. 0.01 min
 Lab File: BM001861.D
 Acq: 07 Jul 2015 10:36

Instrument :
 BNA_M
 ClientSampleId :
 G93L3

Tgt Ion:142 Resp: 573215
 Ion Ratio Lower Upper
 142 100
 141 87.6 71.6 107.4

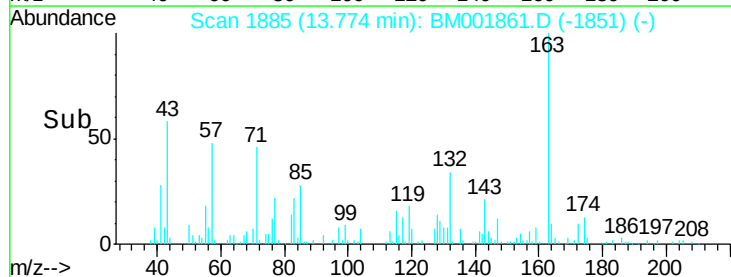
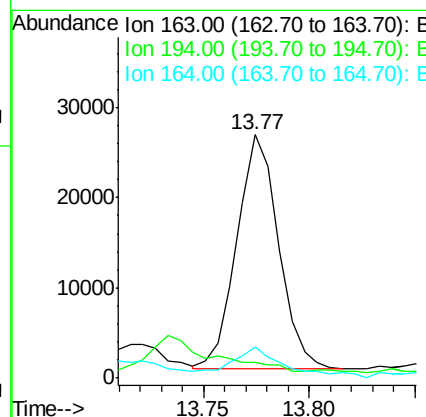
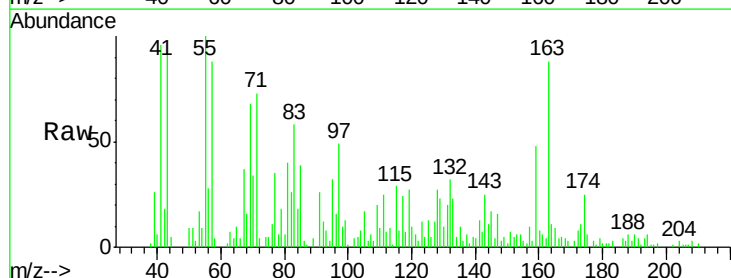
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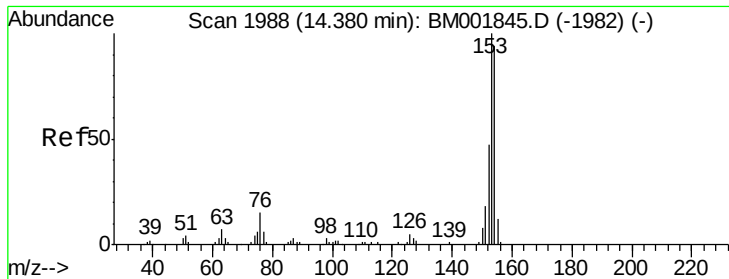
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#44
 Dimethylphthalate
 Concen: 3.47 ng/ul
 RT: 13.77 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: BM001861.D
 Acq: 07 Jul 2015 10:36

Tgt Ion:163 Resp: 35231
 Ion Ratio Lower Upper
 163 100
 194 6.6 3.6 5.4#
 164 12.7 8.0 12.0#





#49

Acenaphthene

Concen: 5.46 ng/ul

RT: 14.39 min Scan# 1989

Delta R.T. 0.01 min

Lab File: BM001861.D

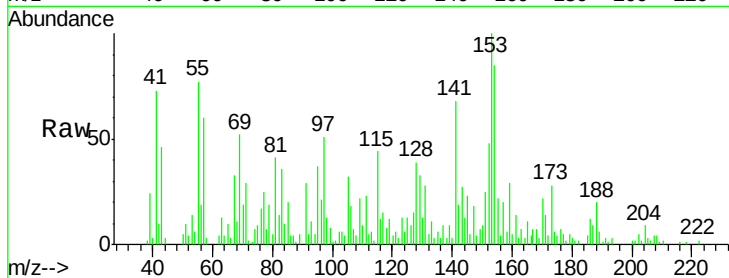
Acq: 07 Jul 2015 10:36

Instrument :

BNA_M

ClientSampled :

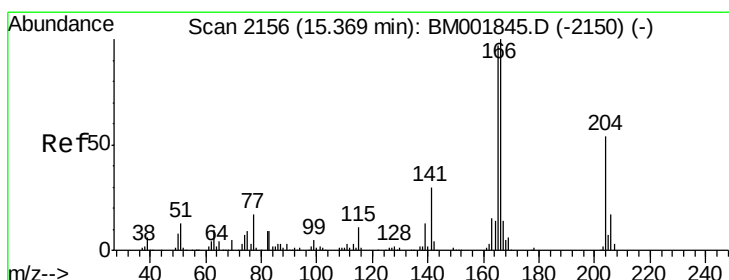
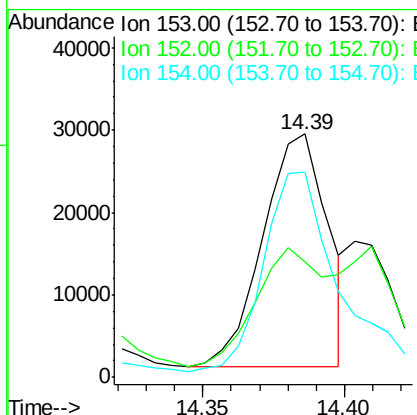
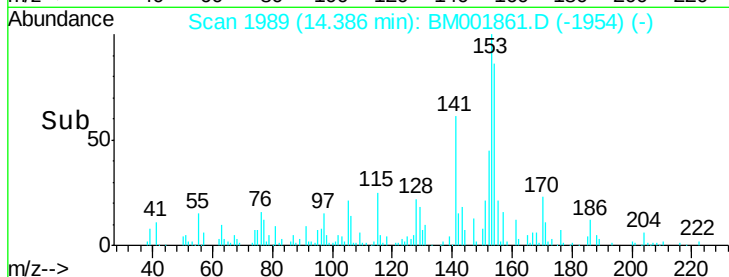
G93L3



Tgt Ion:	153	Resp:	45233
Ion Ratio	Lower	Upper	
153	100		
152	47.6	36.6	55.0
154	84.5	72.6	108.8

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#58

Fluorene

Concen: 8.55 ng/ul

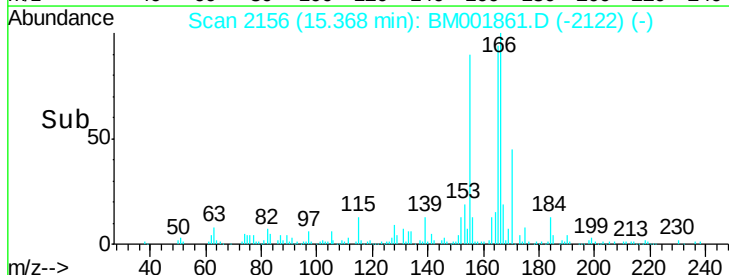
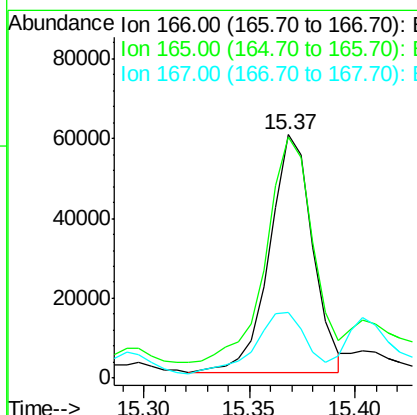
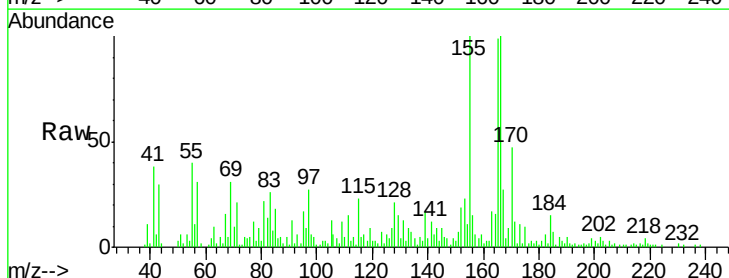
RT: 15.37 min Scan# 2156

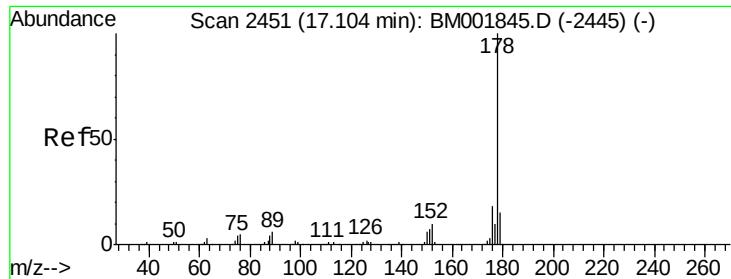
Delta R.T. 0.00 min

Lab File: BM001861.D

Acq: 07 Jul 2015 10:36

Tgt Ion:	166	Resp:	84411
Ion Ratio	Lower	Upper	
166	100		
165	99.2	77.4	116.2
167	26.7	11.3	16.9#





#69

Phenanthrene

Concen: 24.55 ng/ul

RT: 17.11 min Scan# 2452

Delta R.T. 0.01 min

Lab File: BM001861.D

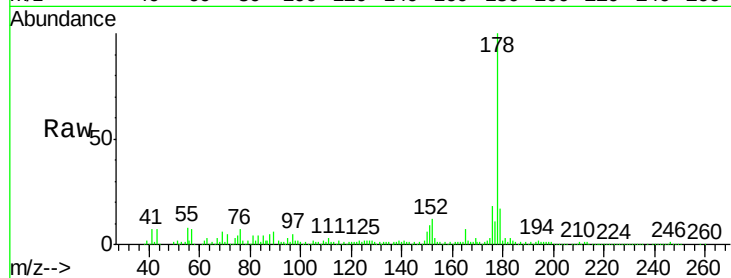
Acq: 07 Jul 2015 10:36

Instrument :

BNA_M

ClientSampleId :

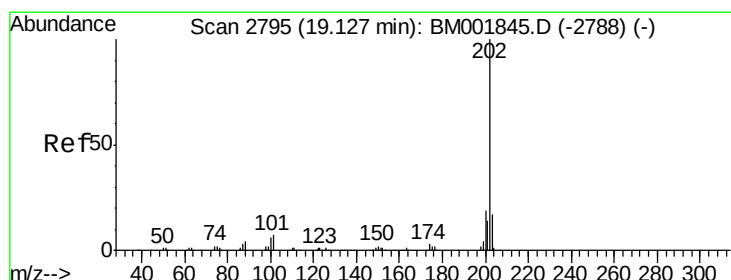
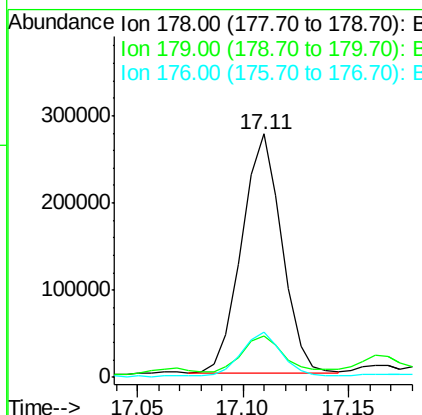
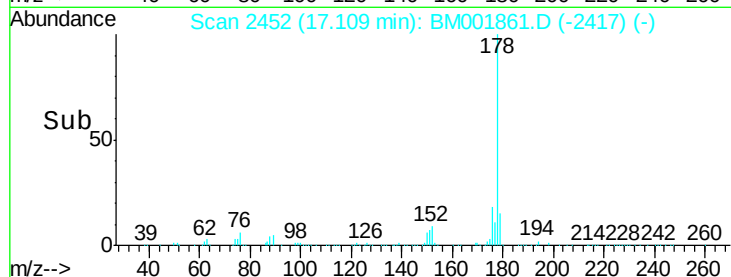
G93L3



Tgt Ion:	178	Resp:	359694
Ion Ratio	Lower	Upper	
178	100		
179	17.2	11.9	17.9
176	18.4	15.2	22.8

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#76

Fluoranthene

Concen: 10.26 ng/ul

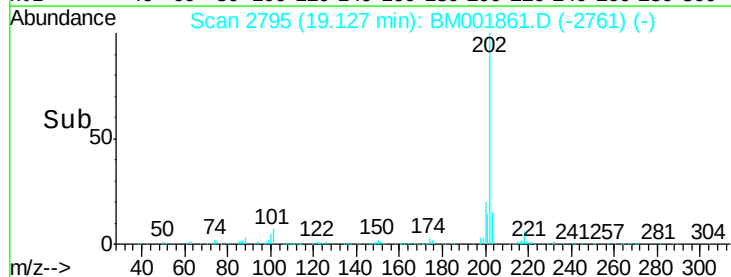
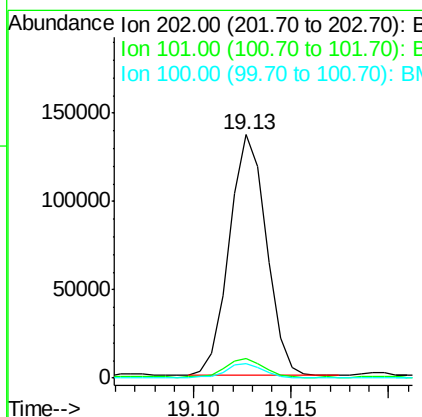
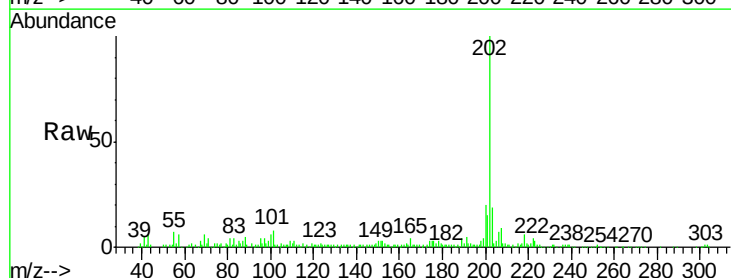
RT: 19.13 min Scan# 2795

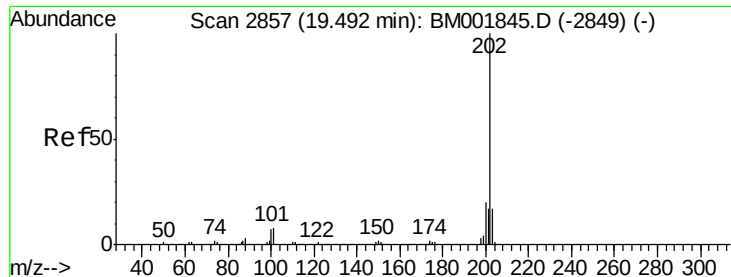
Delta R.T. 0.00 min

Lab File: BM001861.D

Acq: 07 Jul 2015 10:36

Tgt Ion:	202	Resp:	179797
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.1	9.1
100	6.0	4.8	7.2





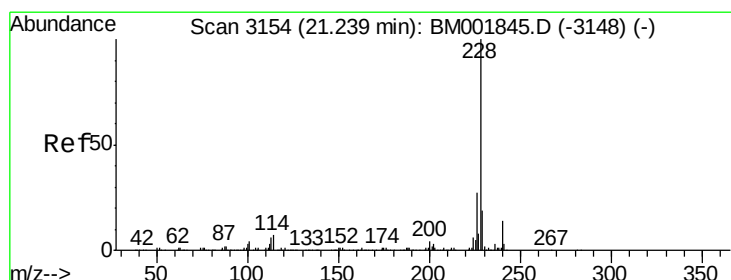
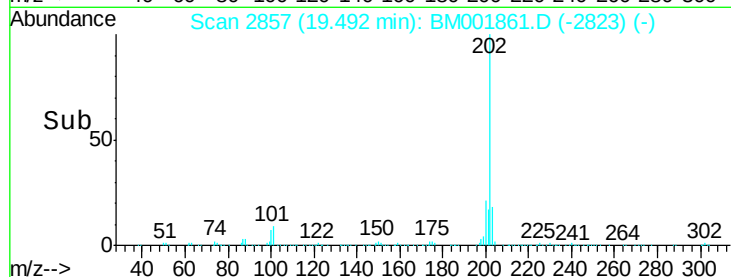
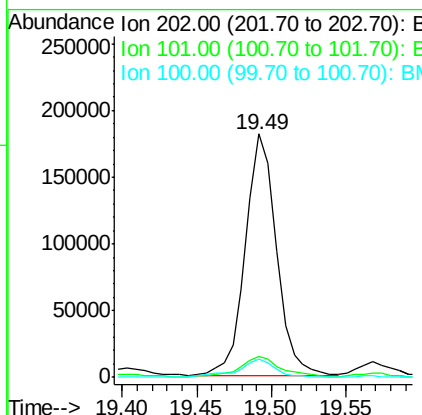
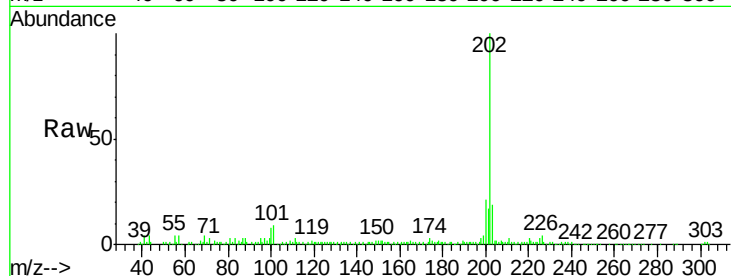
#79
 Pyrene
 Concen: 14.43 ng/ul
 RT: 19.49 min Scan# 2857
 Delta R.T. 0.00 min
 Lab File: BM001861.D
 Acq: 07 Jul 2015 10:36

Instrument :
 BNA_M
 ClientSampleId :
 G93L3

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		260019		
101	8.7	6.9	10.3		
100	7.5	6.2	9.2		

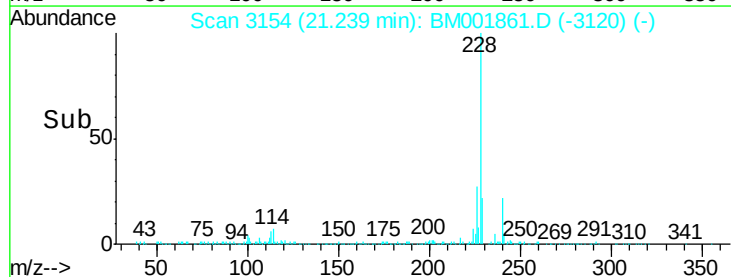
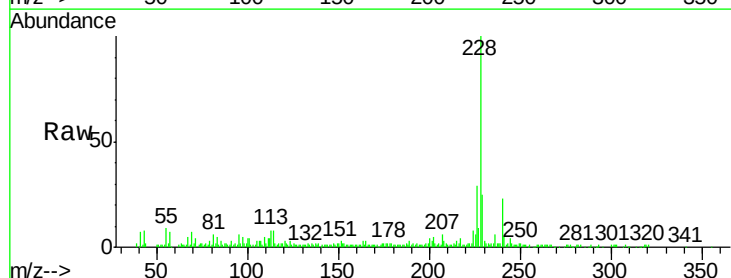
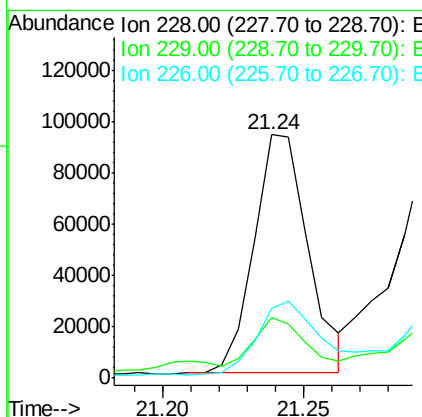
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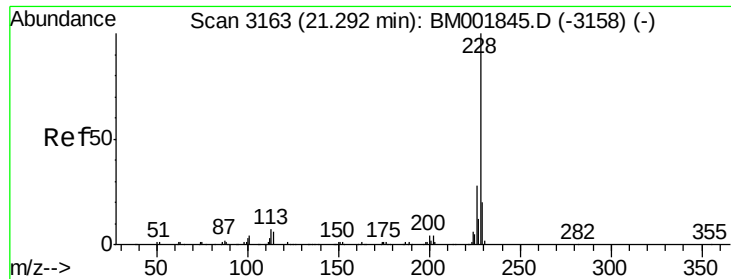
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#82
 Benzo(a)anthracene
 Concen: 6.51 ng/ul
 RT: 21.24 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: BM001861.D
 Acq: 07 Jul 2015 10:36

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		123463		
229	24.9	15.4	23.0#		
226	28.5	20.6	30.8		





#84

Chrysene

Concen: 7.06 ng/ul

RT: 21.29 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BM001861.D

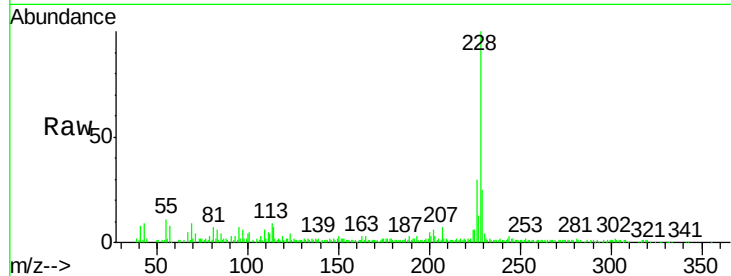
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Instrument :

BNA_M

ClientSampleId :

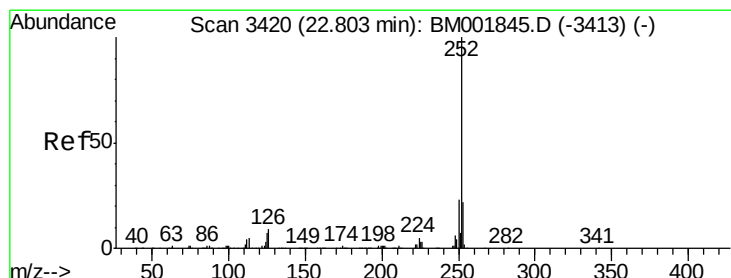
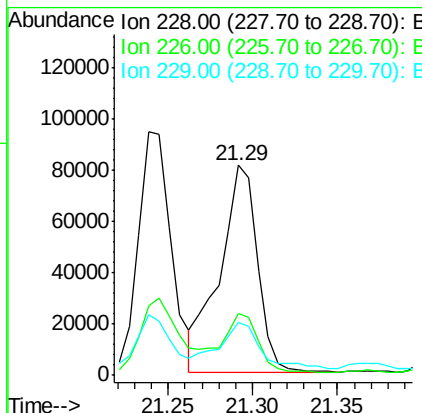
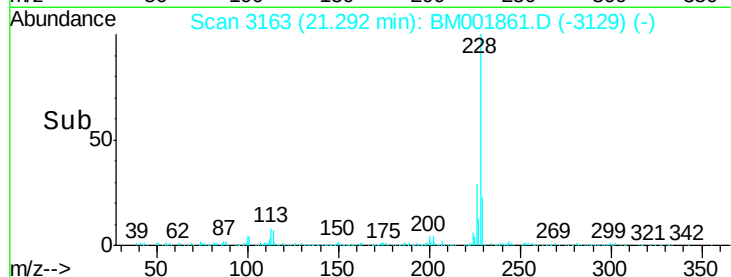
G93L3



Tgt Ion	Ratio	Resp	Lower	Upper
228	100	127074		
226	29.8	23.0	34.4	
229	25.1	15.4	23.2	

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#87

Benzo(b)fluoranthene

Concen: 11.01 ng/ul

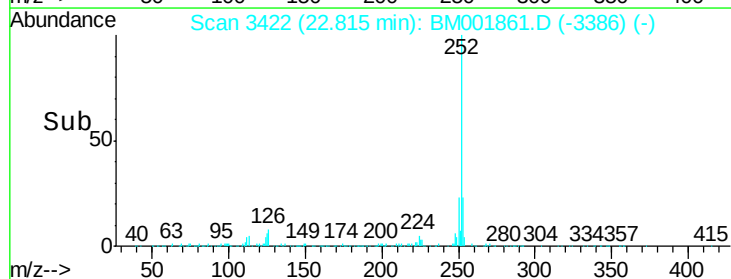
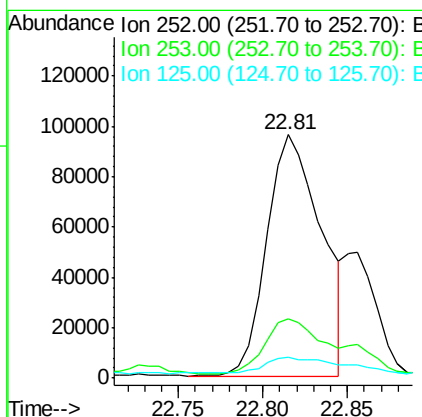
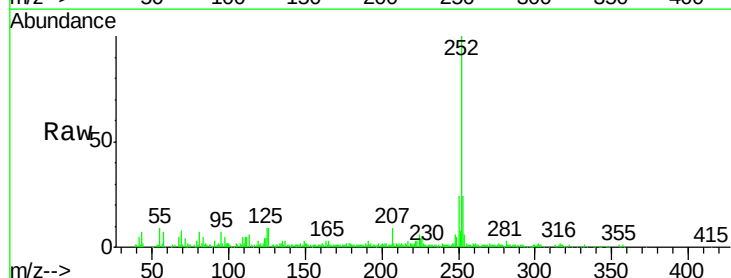
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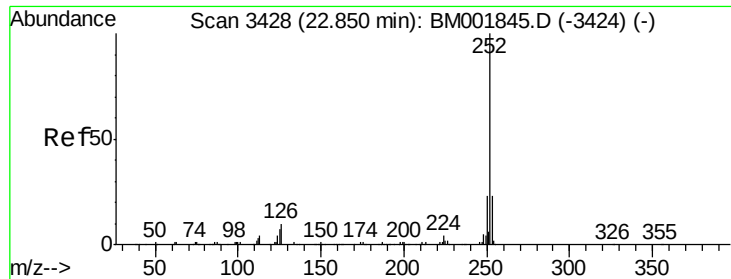
Delta R.T. 0.01 min

Lab File: BM001861.D

Acq: 07 Jul 2015 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	215929		
253	24.2	17.8	26.6	
125	8.8	5.3	7.9	





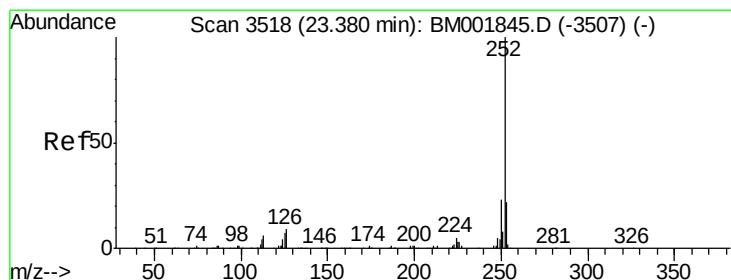
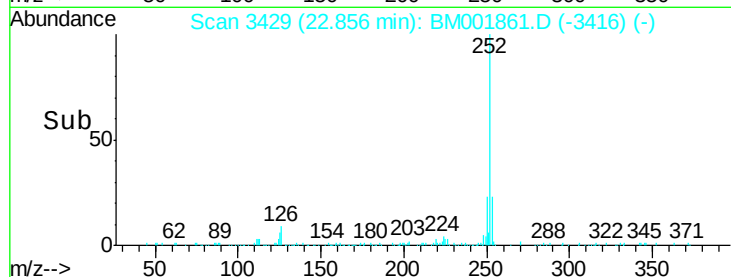
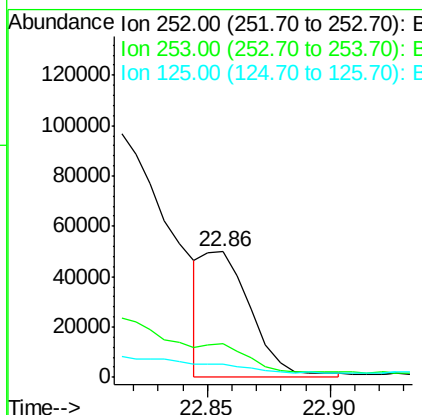
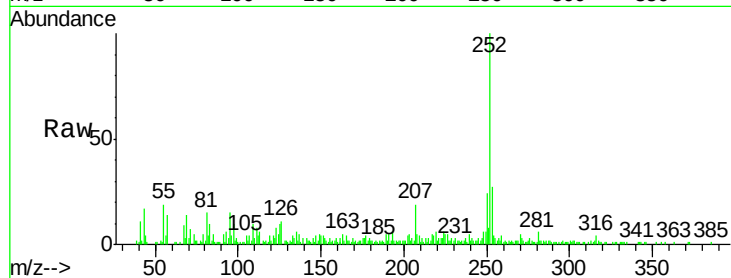
#88
Benzo(k)fluoranthene
Concen: 3.59 ng/ul m
RT: 22.86 min Scan# 3429
Delta R.T. 0.01 min
Lab File: BM001861.D
Acq: 07 Jul 2015 10:36

Instrument :
BNA_M
ClientSampleId :
G93L3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.1	25.7#
125	10.3	5.3	7.9#

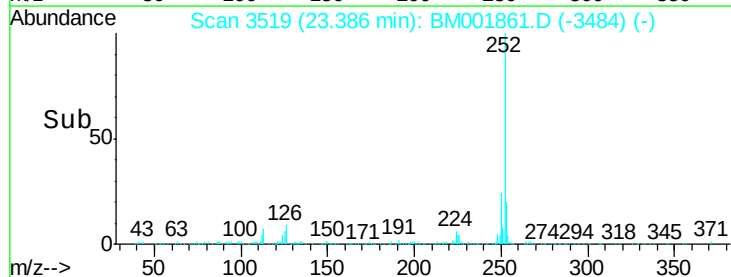
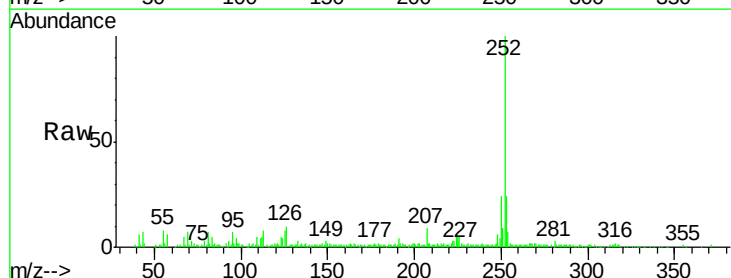
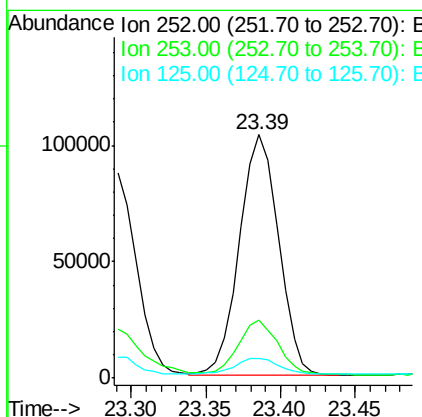
Manual Integrations
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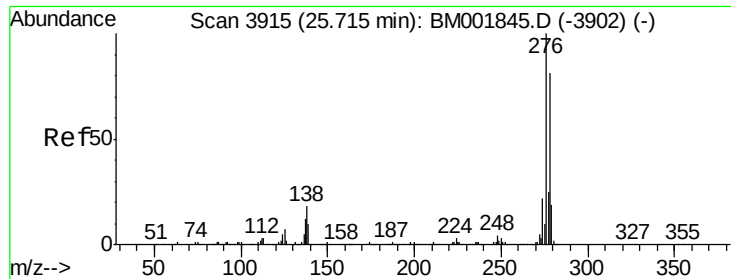
apatel
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#90
Benzo(a)pyrene
Concen: 9.89 ng/ul
RT: 23.39 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BM001861.D
Acq: 07 Jul 2015 10:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	8.0	6.0	9.0





#91

Indeno(1,2,3-cd)pyrene

Concen: 7.69 ng/ul

RT: 25.72 min Scan# 3916

Delta R.T. 0.01 min

Lab File: BM001861.D

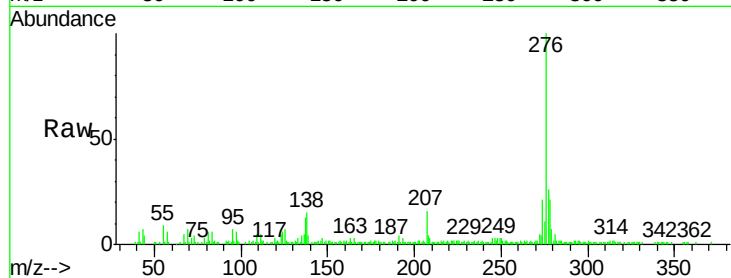
Acq: 07 Jul 2015 10:36

Instrument :

BNA_M

ClientSampleId :

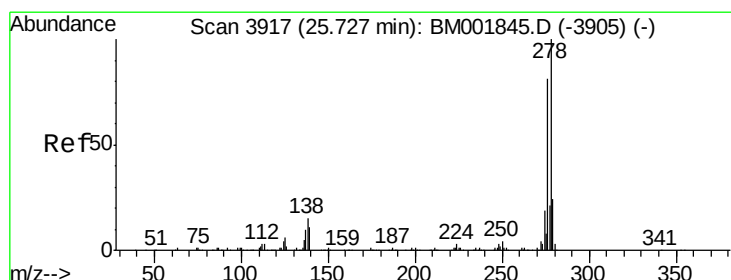
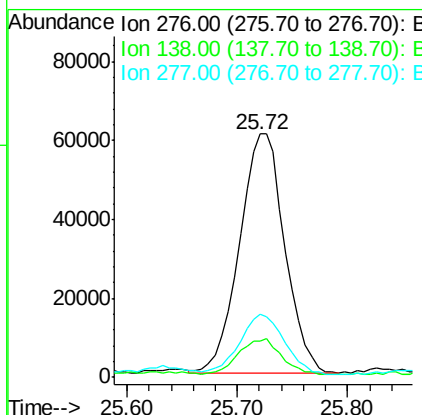
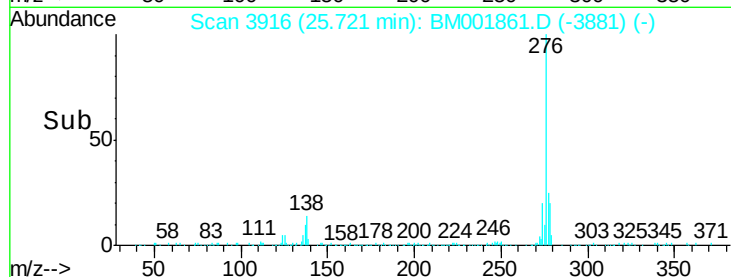
G93L3



Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.8	14.7	22.1
277	25.9	19.7	29.5

Manual Integrations
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#92

Dibenzo(a,h)anthracene

Concen: 2.17 ng/ul

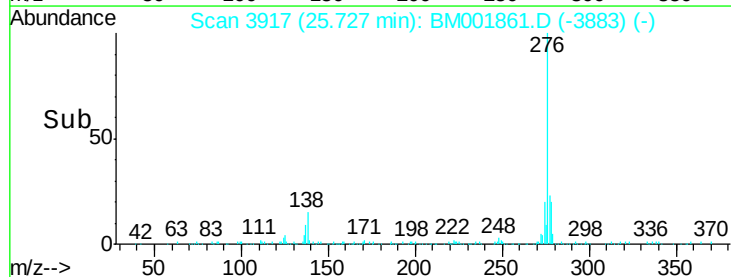
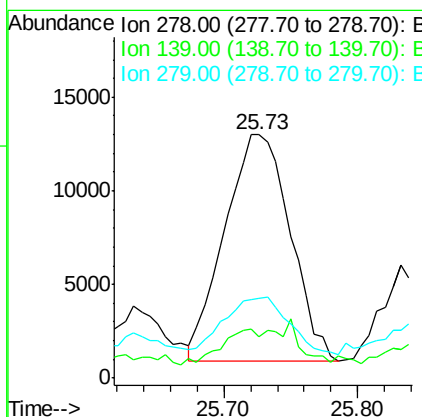
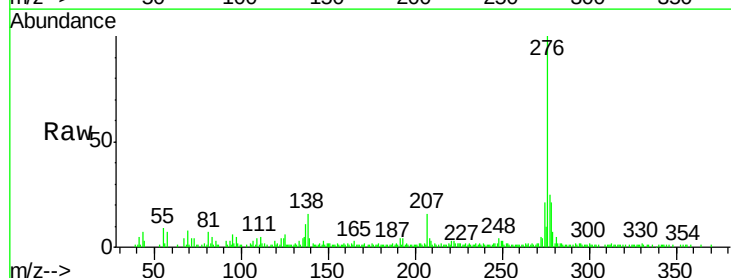
RT: 25.73 min Scan# 3917

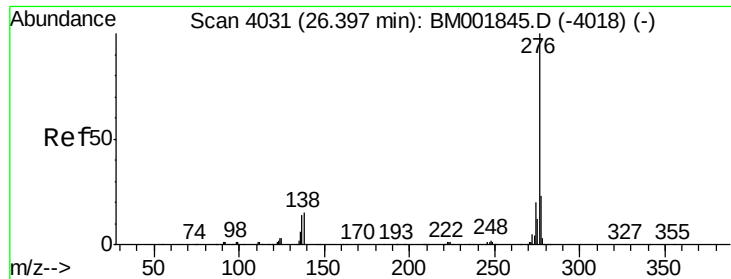
Delta R.T. 0.00 min

Lab File: BM001861.D

Acq: 07 Jul 2015 10:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.2	9.2	13.8#
279	32.8	19.1	28.7#





#93

Benzo(g,h,i)perylene

Concen: 8.24 ng/ul

RT: 26.41 min Scan# 4034

Delta R.T. 0.01 min

Lab File: BM001861.D

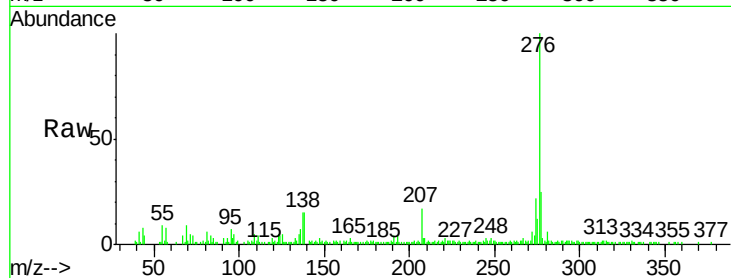
Acq: 07 Jul 2015 10:36

Instrument :

BNA_M

ClientSampleId :

G93L3



Tgt Ion:	276	Resp:	156826
Ion Ratio	Lower	Upper	
276	100		
138	14.9	12.6	19.0
277	24.8	18.7	28.1

Manual Integrations
APPROVED

apatel
7/8/2015 4:24:33 PM

