

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001837.D
 Acq On : 06 Jul 2015 15:26
 Operator : TP/UM
 Sample : G2861-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L9

Manual Integrations
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 7/8/2015 4:22:45 PM

Quant Time: Jul 07 05:00:26 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	55095	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	215634	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	128313	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	286196	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	347526	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	347470	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	1598	1.38	ng/uL	0.00
5) Phenol-d5	6.83	99	39083	9.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	22356	9.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	32119	9.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	30019	8.84	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	13423	8.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	14141	8.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	31547	9.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	30756	8.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	89888	9.45	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	109826	8.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	11625	6.62	ng/ul	0.00
57) Fluorene-d10	15.31	176	81545	9.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	8122	4.65	ng/ul	0.00
70) Anthracene-d10	17.16	188	129284	9.70	ng/ul	0.00
78) Pyrene-d10	19.46	212	141118	9.59	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	140864	9.20	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.49	105	10756	1.99	ng/ul	96
28) Naphthalene	10.50	128	46458	4.27	ng/ul	97
34) 2-Methylnaphthalene	12.12	142	8416	1.07	ng/ul	88
44) Dimethylphthalate	13.77	163	29442	2.83	ng/ul	99
47) Acenaphthylene	14.04	152	94814	7.46	ng/ul	98
49) Acenaphthene	14.38	153	60165	7.08	ng/ul	96
53) Dibenzofuran	14.72	168	14094	1.16	ng/ul	99
58) Fluorene	15.37	166	58892	5.81	ng/ul	98
69) Phenanthrene	17.10	178	80670	5.20	ng/ul	97
71) Anthracene	17.19	178	69896	4.39	ng/ul	97
76) Fluoranthene	19.13	202	653923	35.23	ng/ul	99
79) Pyrene	19.49	202	848276	44.00	ng/ul	98
82) Benzo(a)anthracene	21.24	228	406183m	20.00	ng/ul	
84) Chrysene	21.29	228	352853	18.33	ng/ul	97
87) Benzo(b)fluoranthene	22.81	252	473725	23.42	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	153020m	7.83	ng/ul	
90) Benzo(a)pyrene	23.39	252	452234	22.98	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.72	276	285868	12.25	ng/ul	97
92) Dibenzo(a,h)anthracene	25.72	278	69689	3.54	ng/ul#	87
93) Benzo(g,h,i)perylene	26.41	276	273666	13.95	ng/ul	99

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

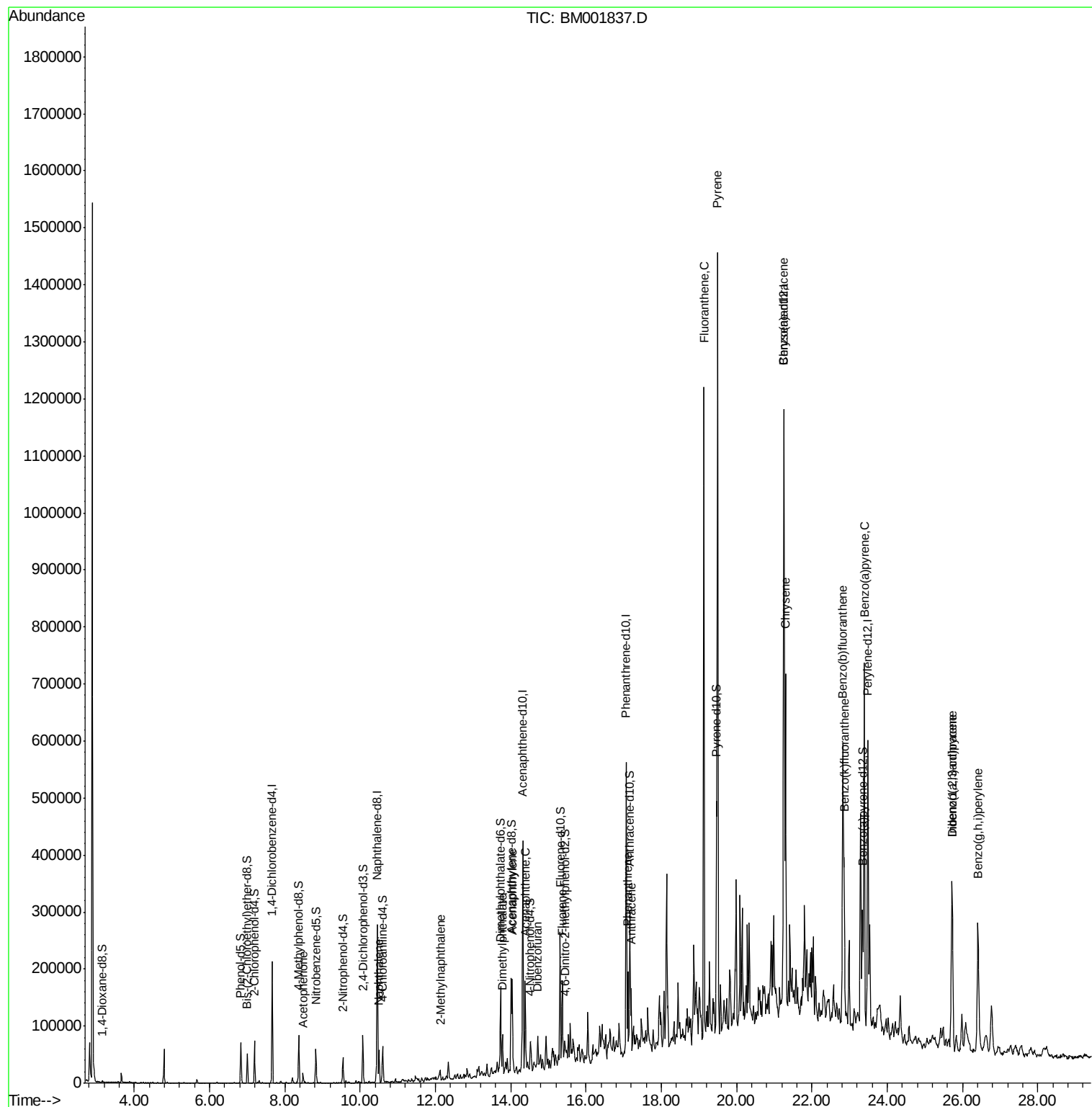
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001837.D
Acq On : 06 Jul 2015 15:26
Operator : TP/UM
Sample : G2861-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

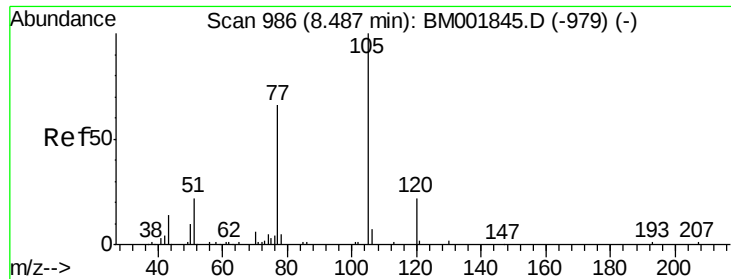
Instrument :
BNA_M
ClientSampleId :
G93L9

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#14

Acetophenone

Concen: 1.99 ng/ul

RT: 8.49 min Scan# 986

Delta R.T. 0.01 min

Lab File: BM001837.D

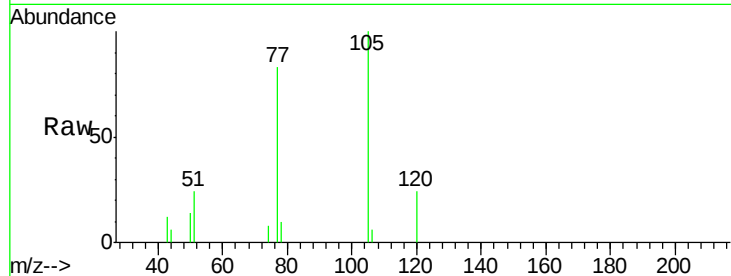
Acq: 06 Jul 2015 15:26

Instrument :

BNA_M

ClientSampleId :

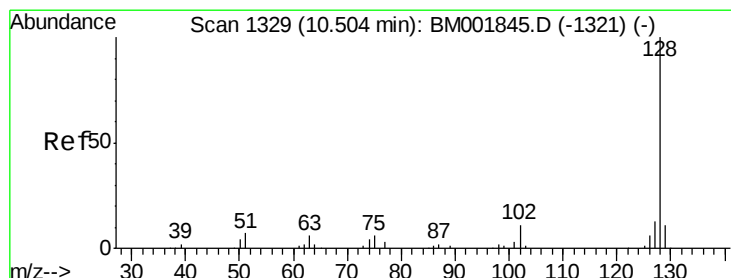
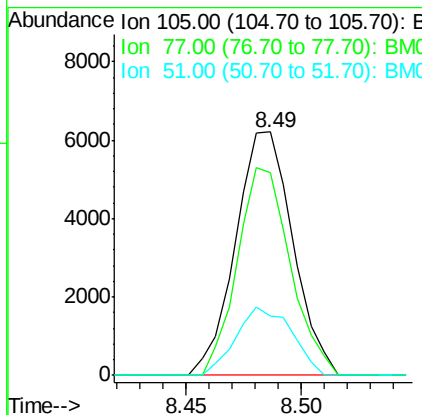
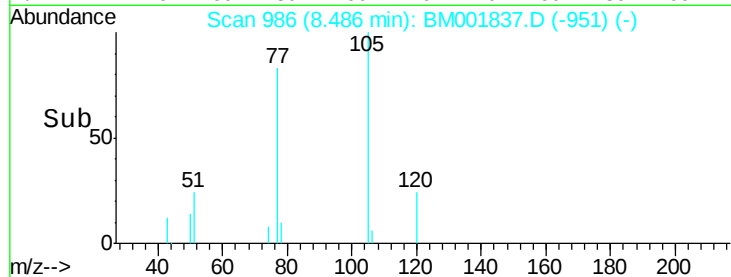
G93L9



Tgt Ion:	105	Resp:	10756
Ion Ratio		Lower	Upper
105	100		
77	83.4	64.2	96.4
51	24.4	22.0	33.0

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#28

Naphthalene

Concen: 4.27 ng/ul

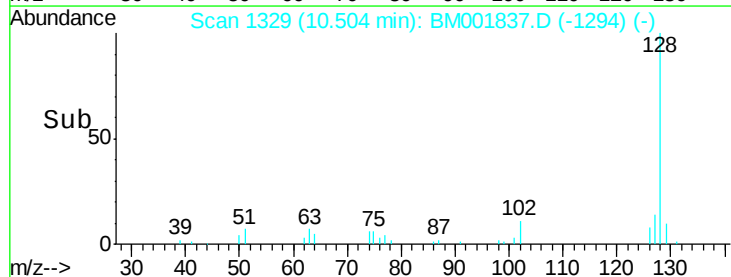
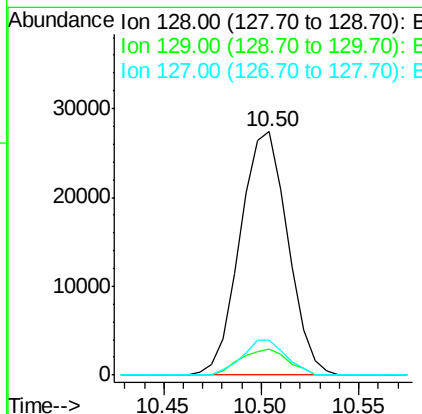
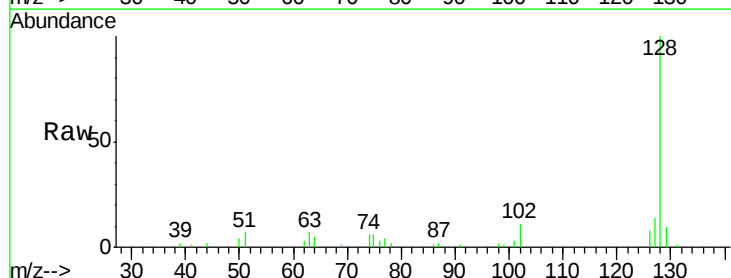
RT: 10.50 min Scan# 1329

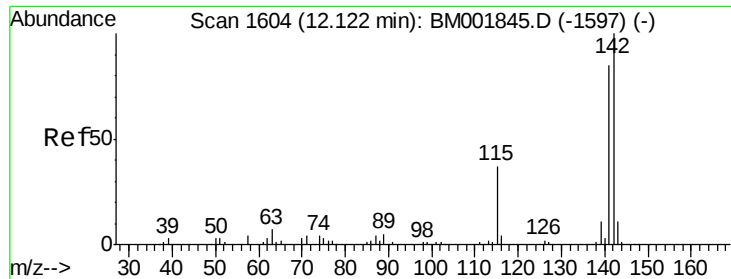
Delta R.T. 0.01 min

Lab File: BM001837.D

Acq: 06 Jul 2015 15:26

Tgt Ion:	128	Resp:	46458
Ion Ratio		Lower	Upper
128	100		
129	10.5	8.7	13.1
127	14.5	10.0	15.0





#34

2-Methylnaphthalene

Concen: 1.07 ng/ul

RT: 12.12 min Scan# 1604

Delta R.T. 0.00 min

Lab File: BM001837.D

Acq: 06 Jul 2015 15:26

Instrument :

BNA_M

ClientSampleId :

G93L9

Tgt Ion:142 Resp: 8416

Ion Ratio Lower Upper

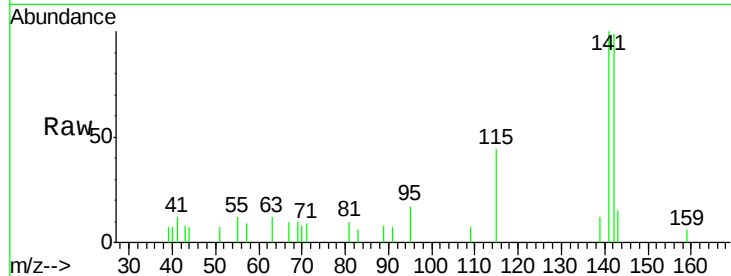
142 100

141 101.2 71.6 107.4

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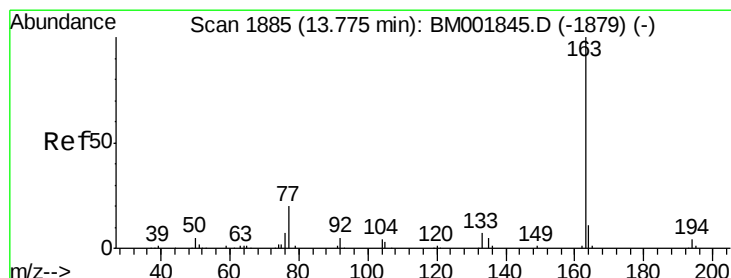
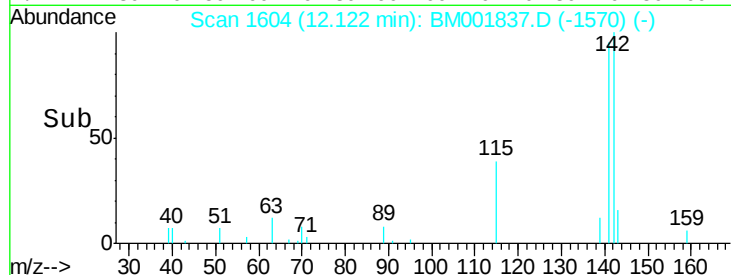
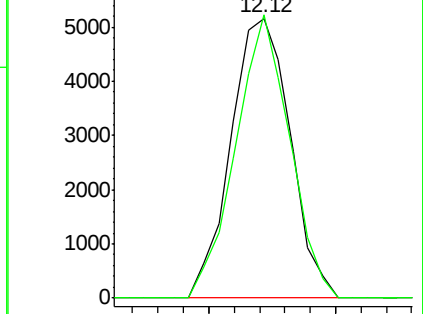
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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#44

Dimethylphthalate

Concen: 2.83 ng/ul

RT: 13.77 min Scan# 1885

Delta R.T. 0.00 min

Lab File: BM001837.D

Acq: 06 Jul 2015 15:26

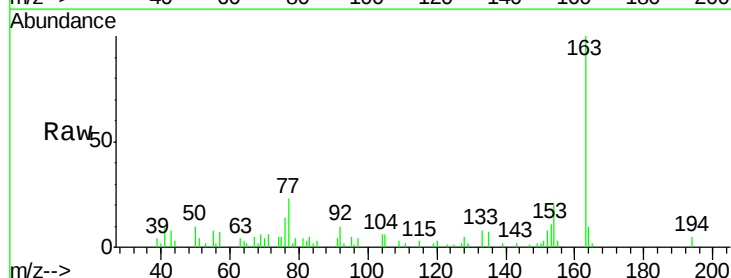
Tgt Ion:163 Resp: 29442

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

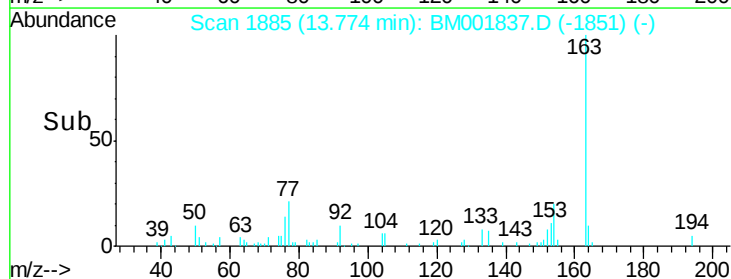
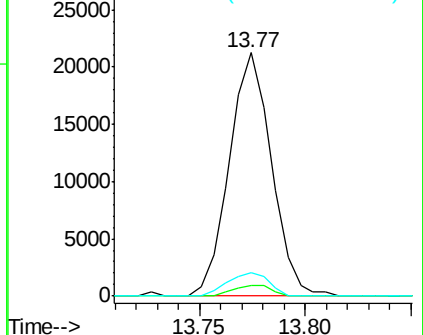
164 9.7 8.0 12.0

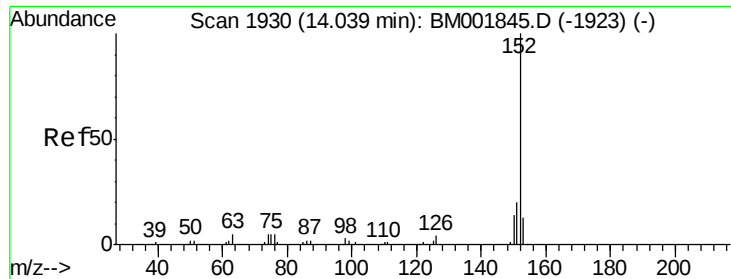


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 7.46 ng/ul

RT: 14.04 min Scan# 1930

Delta R.T. 0.01 min

Lab File: BM001837.D

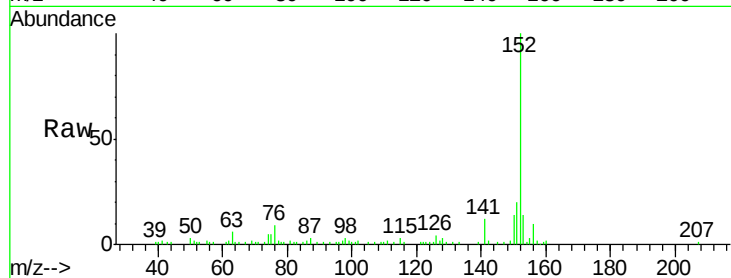
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Instrument :

BNA_M

ClientSampleId :

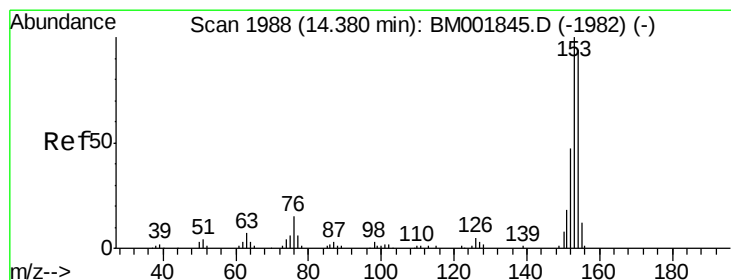
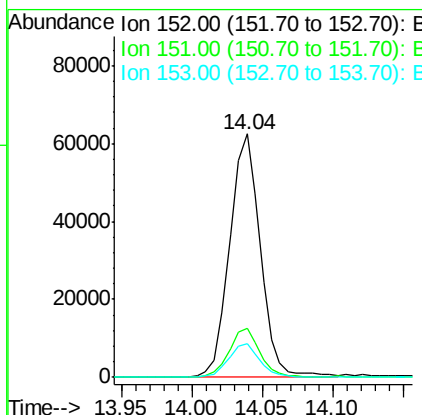
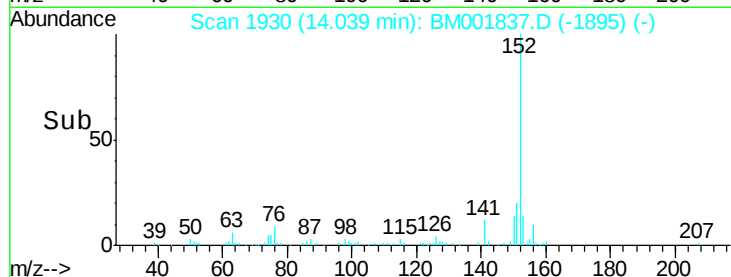
G93L9



Tgt Ion:	152	Resp:	94814
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.9	23.9
153	14.1	10.0	15.0

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#49

Acenaphthene

Concen: 7.08 ng/ul

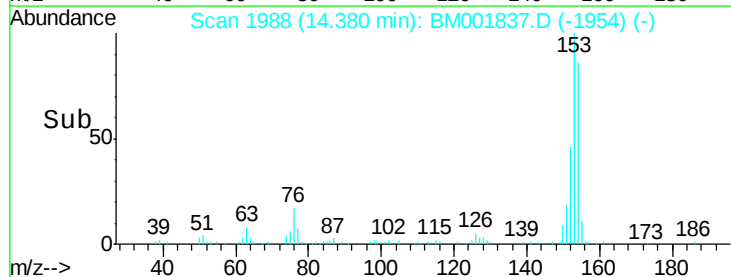
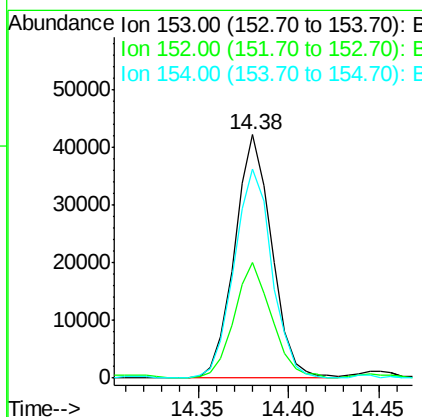
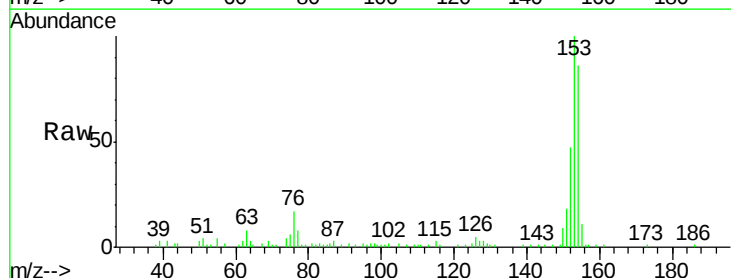
RT: 14.38 min Scan# 1988

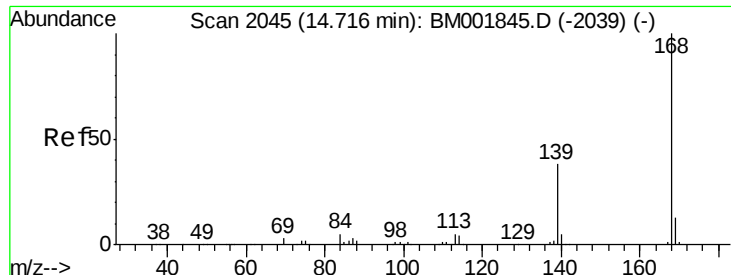
Delta R.T. 0.00 min

Lab File: BM001837.D

Acq: 06 Jul 2015 15:26

Tgt Ion:	153	Resp:	60165
Ion Ratio	Lower	Upper	
153	100		
152	47.4	36.6	55.0
154	85.8	72.6	108.8





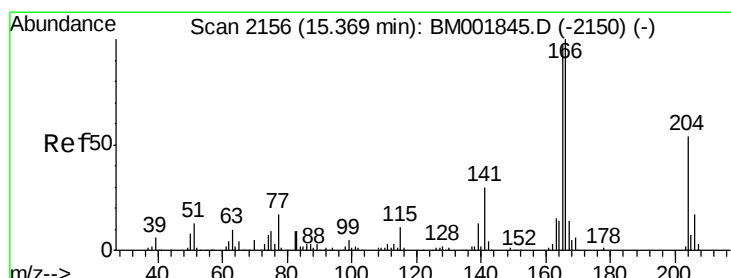
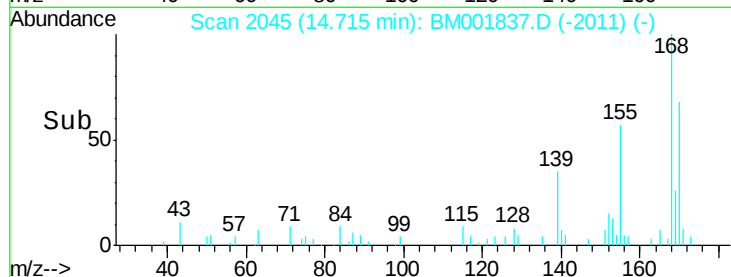
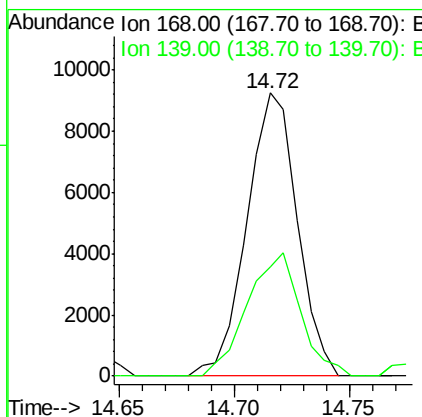
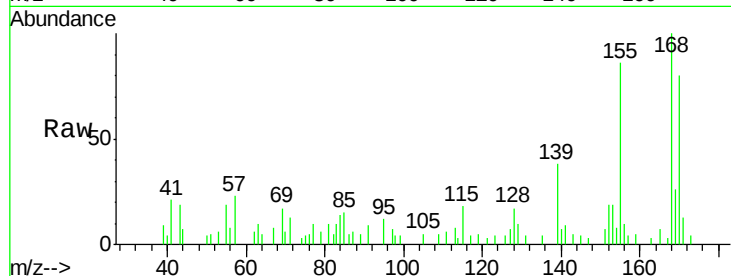
#53
Dibenzenofuran
Concen: 1.16 ng/ul
RT: 14.72 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BM001837.D
Acq: 06 Jul 2015 15:26

Instrument :
BNA_M
ClientSampled :
G93L9

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1

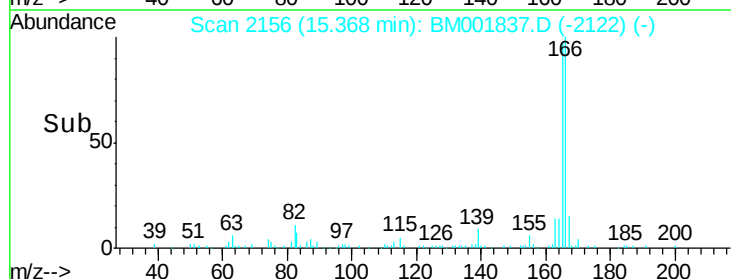
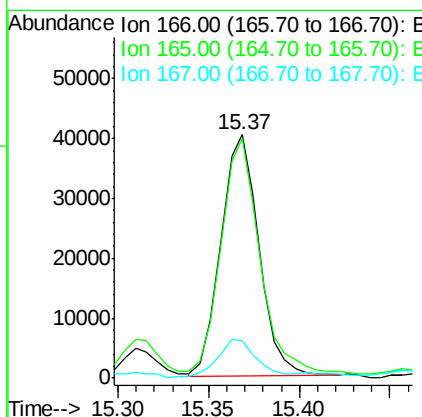
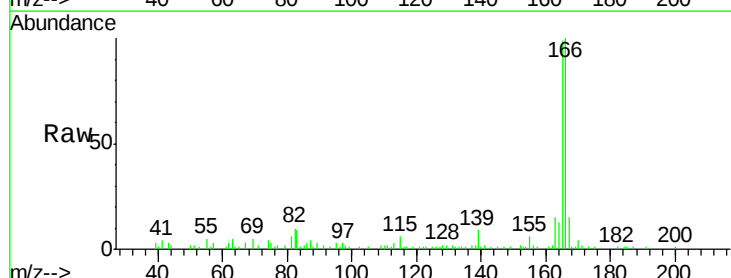
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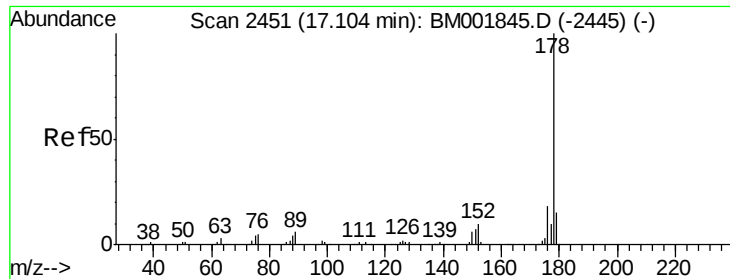
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#58
Fluorene
Concen: 5.81 ng/ul
RT: 15.37 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BM001837.D
Acq: 06 Jul 2015 15:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	77.4	116.2
167	15.4	11.3	16.9





#69

Phenanthrene

Concen: 5.20 ng/ul

RT: 17.10 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM001837.D

Acq: 06 Jul 2015 15:26

Instrument :

BNA_M

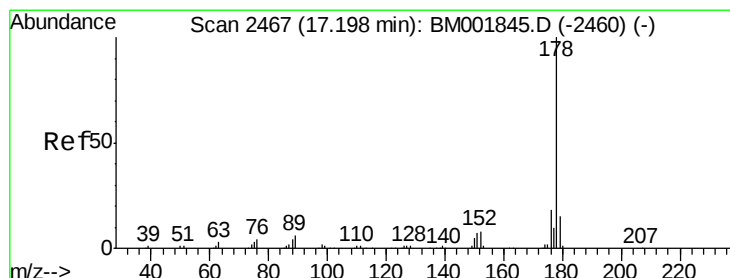
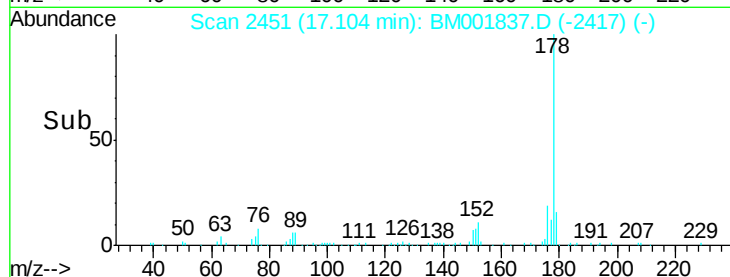
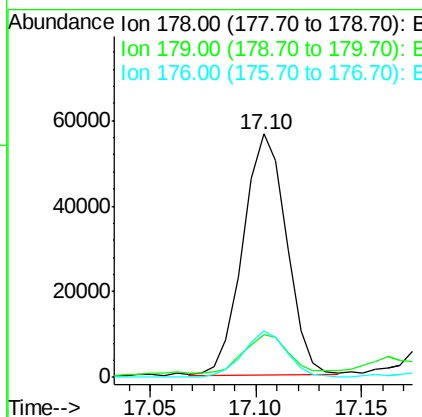
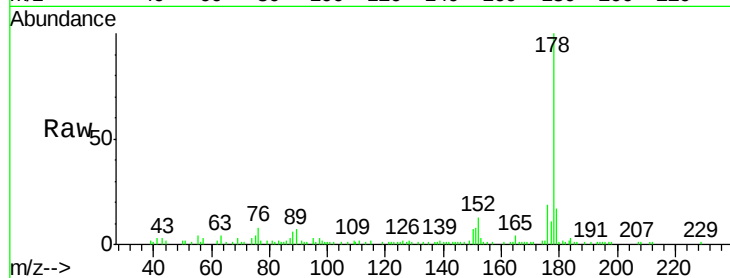
ClientSampleId :

G93L9

Tgt Ion:	178	Resp:	80670
Ion Ratio	Lower	Upper	
178	100		
179	17.4	11.9	17.9
176	18.9	15.2	22.8

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#71

Anthracene

Concen: 4.39 ng/ul

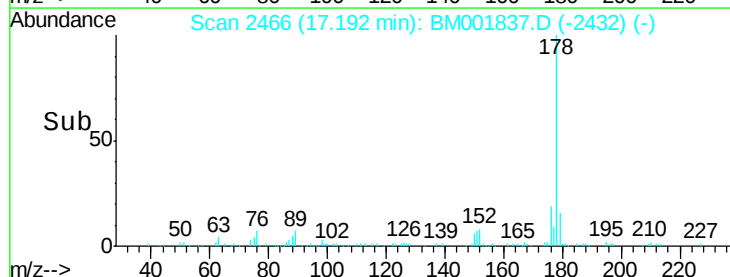
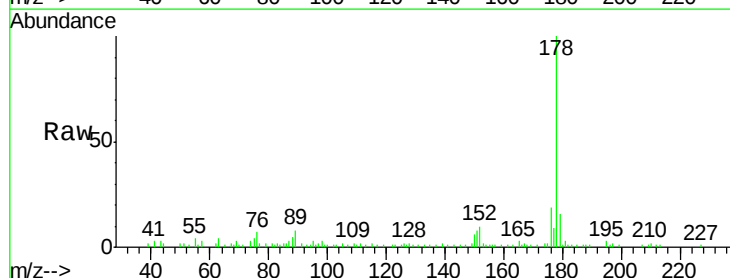
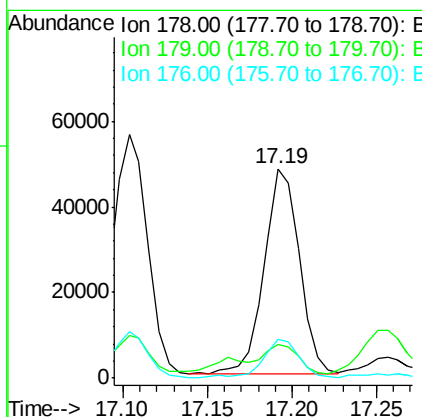
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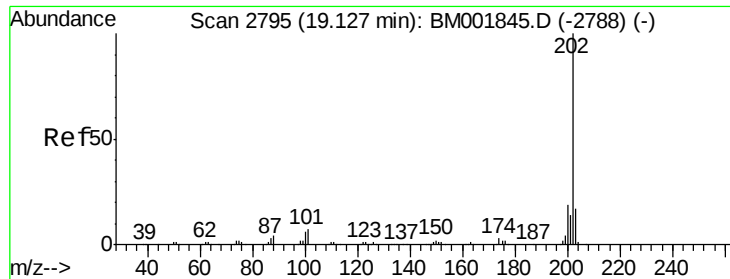
Delta R.T. 0.00 min

Lab File: BM001837.D

Acq: 06 Jul 2015 15:26

Tgt Ion:	178	Resp:	69896
Ion Ratio	Lower	Upper	
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179	16.4	11.8	17.8
176	18.8	14.4	21.6





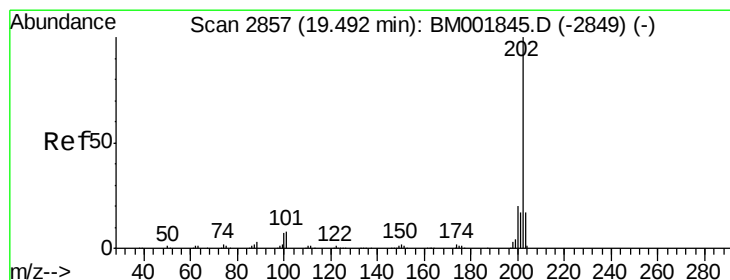
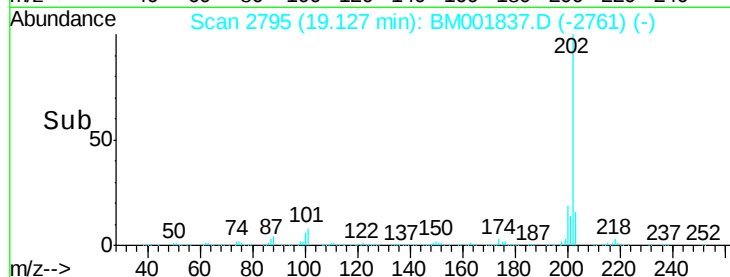
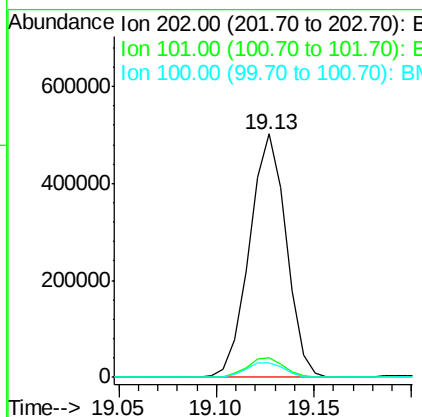
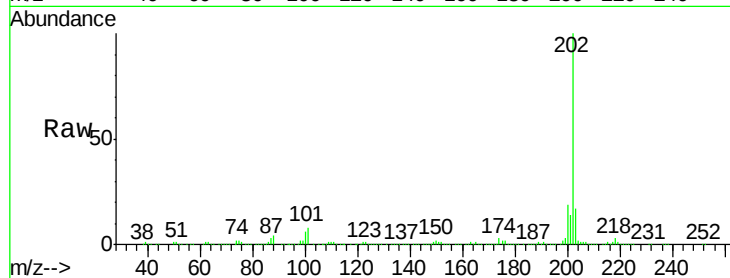
#76
Fluoranthene
Concen: 35.23 ng/u1
RT: 19.13 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM001837.D
Acq: 06 Jul 2015 15:26

Instrument :
BNA_M
ClientSampleId :
G93L9

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	653923		
101	7.9	6.1	9.1	
100	6.1	4.8	7.2	

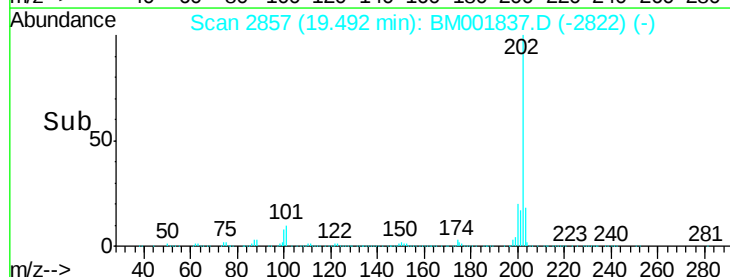
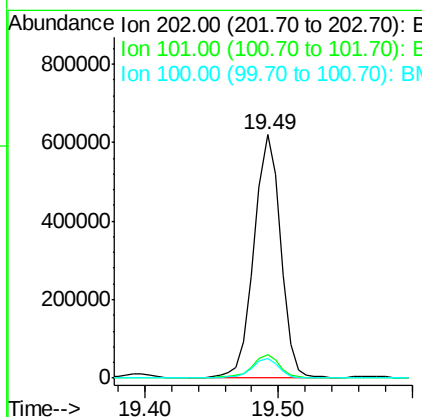
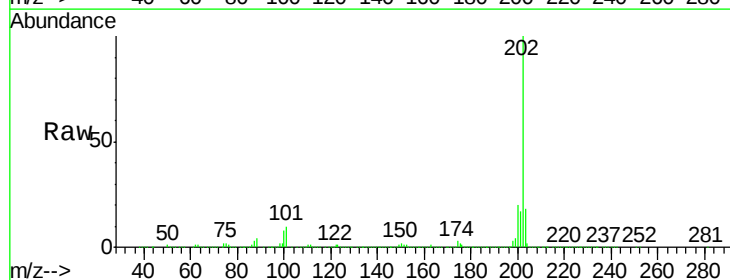
Manual Integrations
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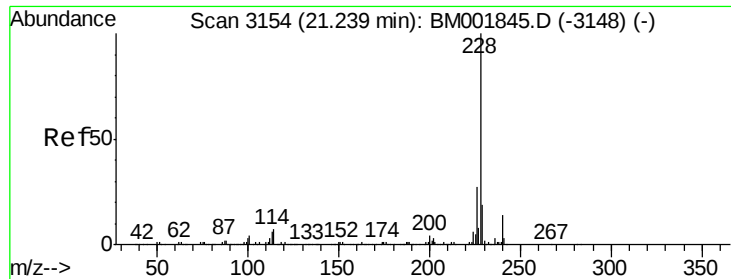
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#79
Pyrene
Concen: 44.00 ng/u1
RT: 19.49 min Scan# 2857
Delta R.T. 0.01 min
Lab File: BM001837.D
Acq: 06 Jul 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	848276		
101	9.8	6.9	10.3	
100	8.0	6.2	9.2	





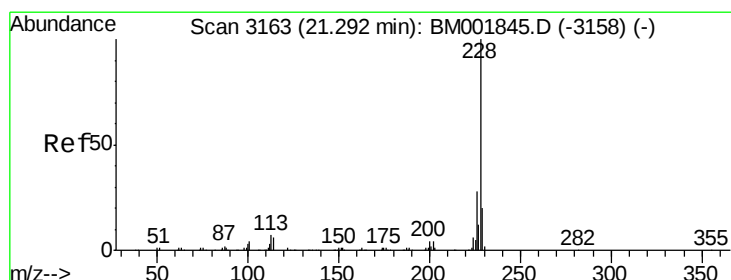
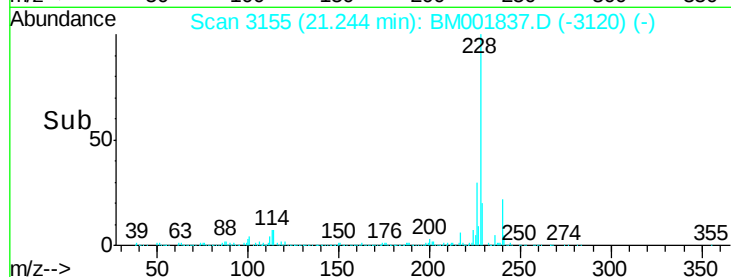
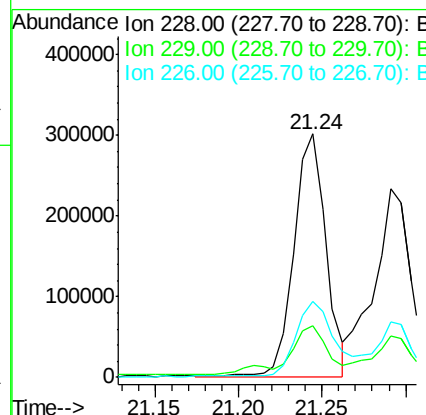
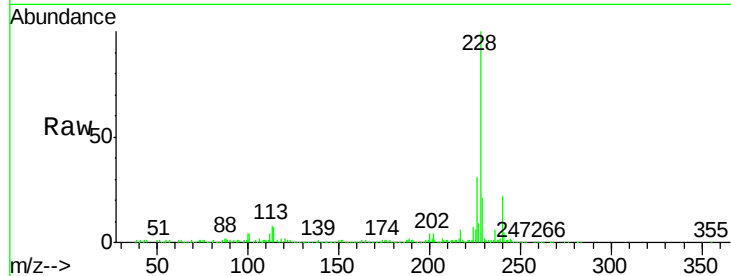
#82
Benzo(a)anthracene
Concen: 20.00 ng/ul m
RT: 21.24 min Scan# 3155
Delta R.T. 0.01 min
Lab File: BM001837.D
Acq: 06 Jul 2015 15:26

Instrument :
BNA_M
ClientSampleId :
G93L9

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.4	23.0
226	30.9	20.6	30.8#

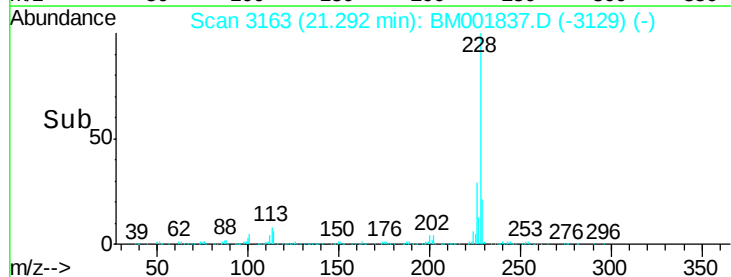
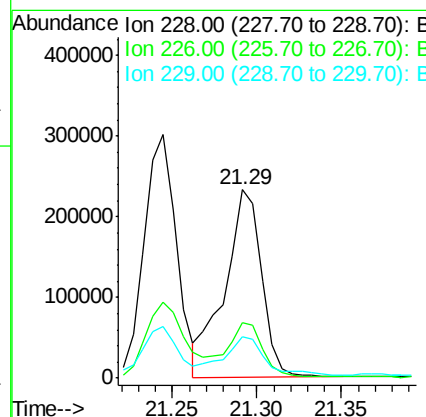
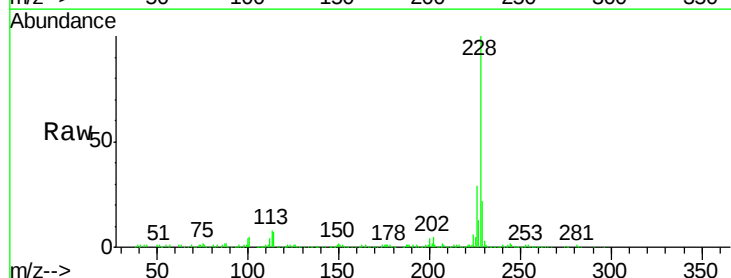
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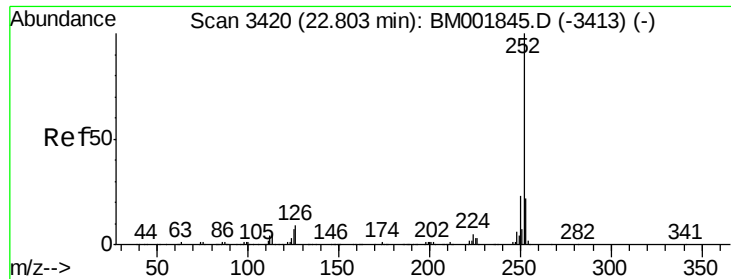
apatel
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#84
Chrysene
Concen: 18.33 ng/ul
RT: 21.29 min Scan# 3163
Delta R.T. 0.00 min
Lab File: BM001837.D
Acq: 06 Jul 2015 15:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	22.3	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 23.42 ng/ul

RT: 22.81 min Scan# 3422

Delta R.T. 0.01 min

Lab File: BM001837.D

Acq: 06 Jul 2015 15:26

Instrument :

BNA_M

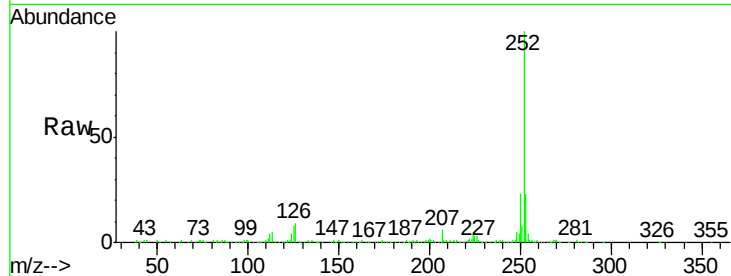
ClientSampleId :

G93L9

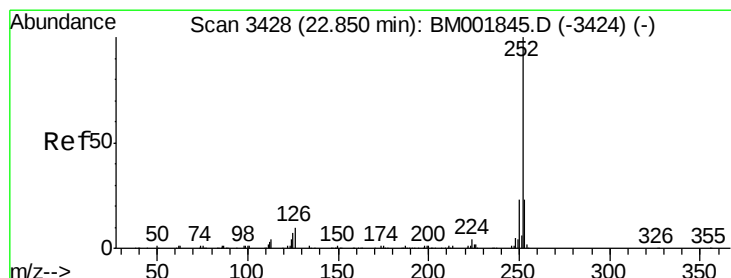
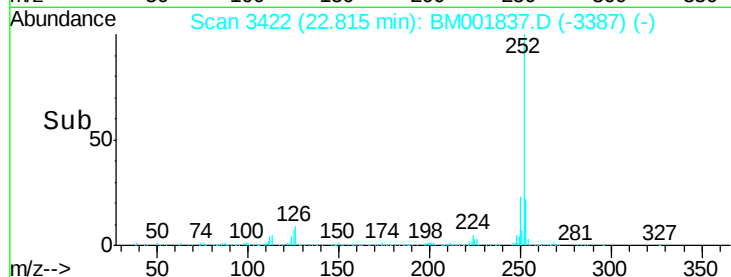
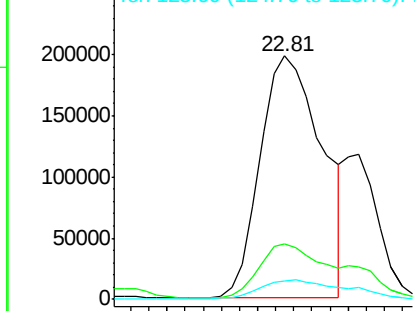
Tgt Ion:	252	Resp:	473725
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	7.5	5.3	7.9

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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: 7.83 ng/ul m

RT: 22.86 min Scan# 3429

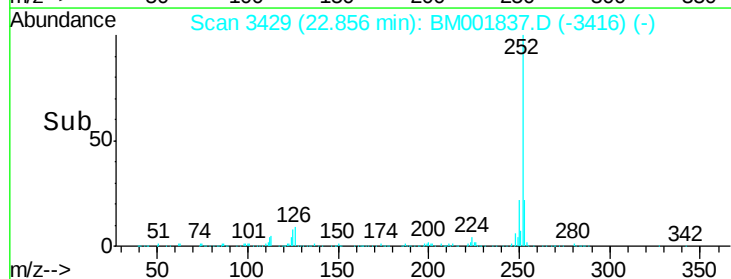
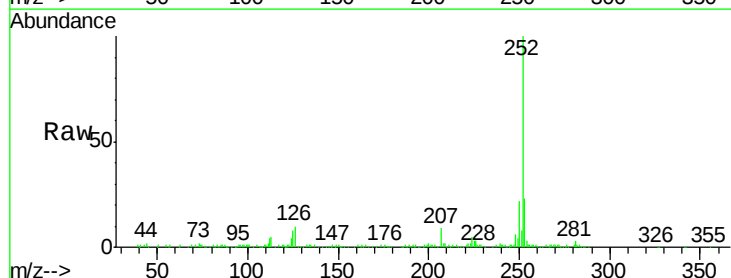
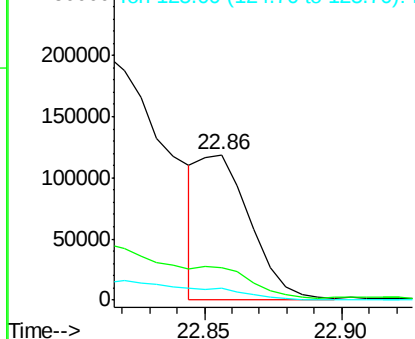
Delta R.T. 0.01 min

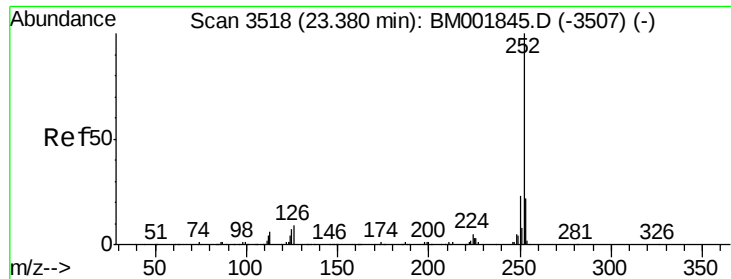
Lab File: BM001837.D

Acq: 06 Jul 2015 15:26

Tgt Ion:	252	Resp:	153020
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.1	25.7
125	8.1	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





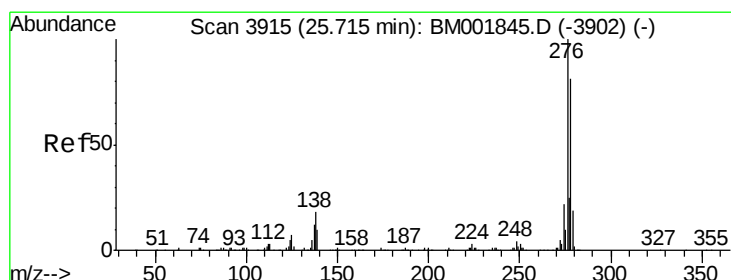
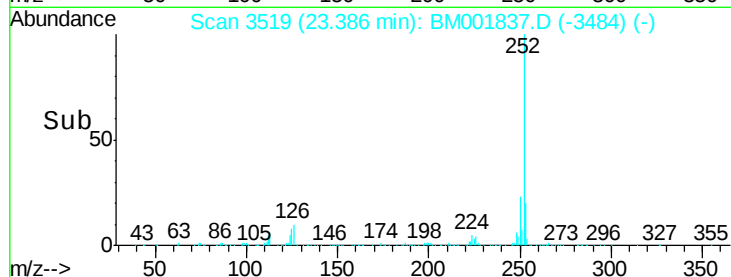
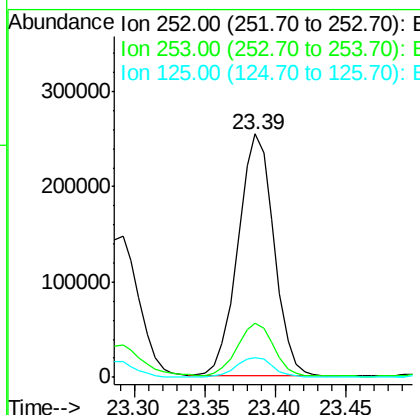
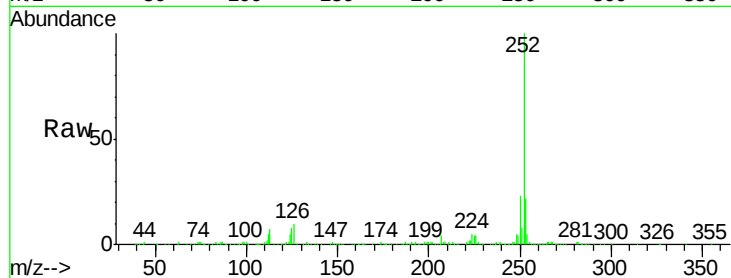
#90
Benzo(a)pyrene
Concen: 22.98 ng/ul
RT: 23.39 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BM001837.D
Acq: 06 Jul 2015 15:26

Instrument :
BNA_M
ClientSampleId :
G93L9

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	452234		
253	22.2	17.4	26.0	
125	8.3	6.0	9.0	

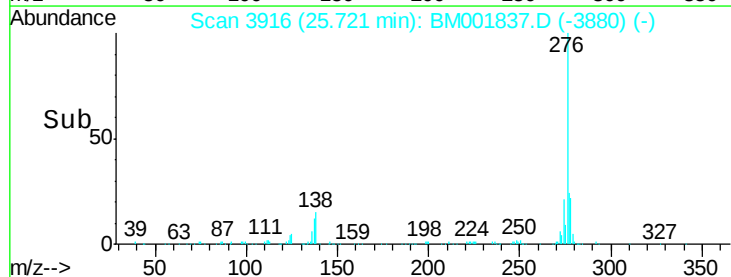
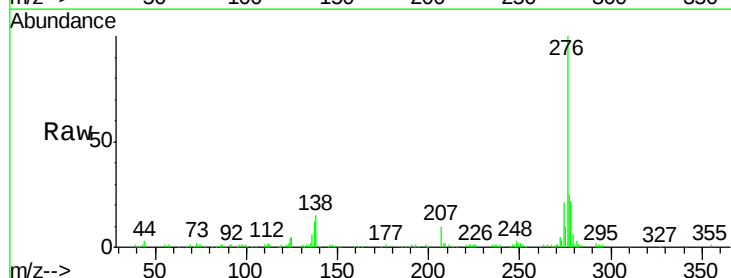
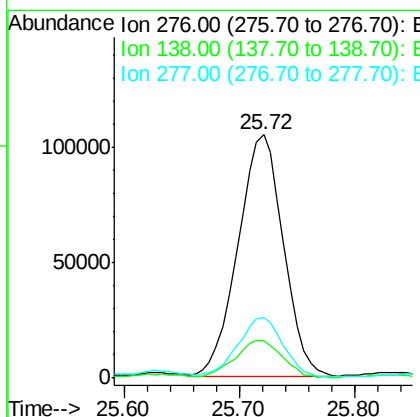
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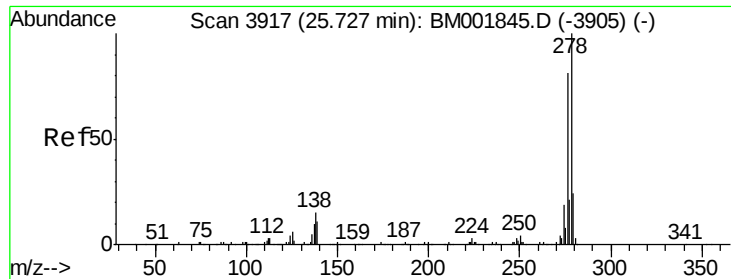
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#91
Indeno(1,2,3-cd)pyrene
Concen: 12.25 ng/ul
RT: 25.72 min Scan# 3916
Delta R.T. 0.01 min
Lab File: BM001837.D
Acq: 06 Jul 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	285868		
138	15.2	14.7	22.1	
277	24.7	19.7	29.5	





#92

Dibenzo(a,h)anthracene

Concen: 3.54 ng/ul

RT: 25.72 min Scan# 3916

Delta R.T. -0.01 min

Lab File: BM001837.D

Acq: 06 Jul 2015 15:26

Instrument :

BNA_M

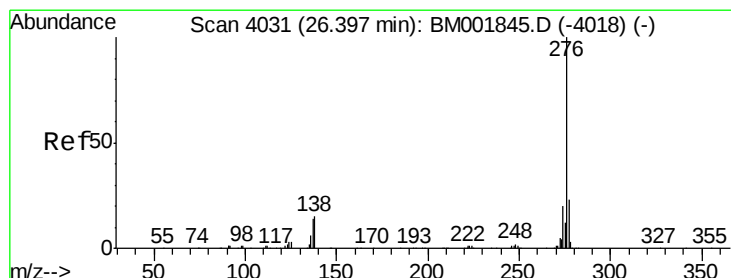
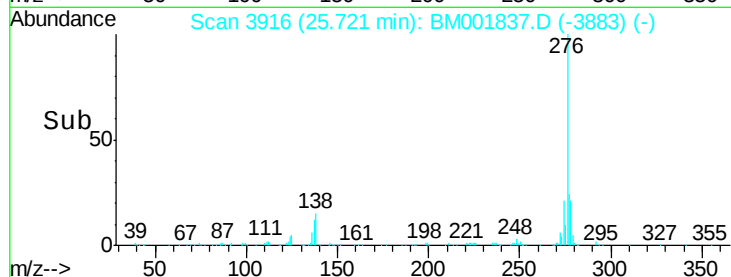
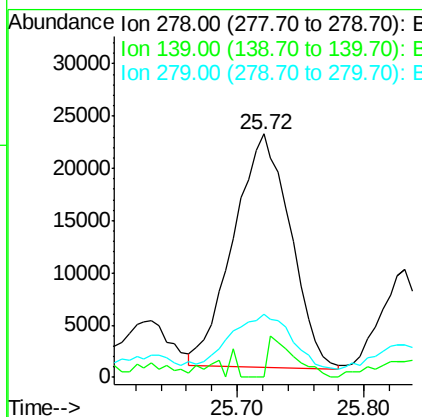
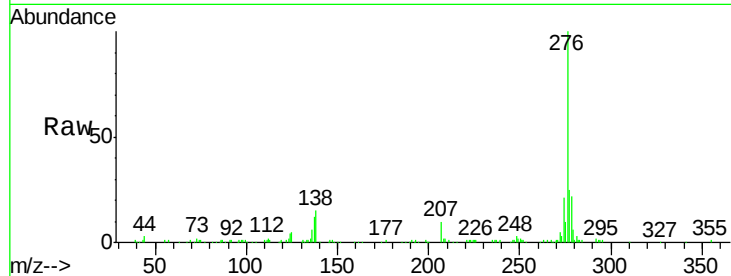
ClientSampleId :

G93L9

Tgt Ion:	278	Resp:	69689
Ion Ratio	Lower	Upper	
278	100		
139	0.0	9.2	13.8#
279	26.0	19.1	28.7

Manual Integrations
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#93

Benzo(g,h,i)perylene

Concen: 13.95 ng/ul

RT: 26.41 min Scan# 4033

Delta R.T. 0.01 min

Lab File: BM001837.D

Acq: 06 Jul 2015 15:26

Tgt Ion:	276	Resp:	273666
Ion Ratio	Lower	Upper	
276	100		
138	16.3	12.6	19.0
277	23.9	18.7	28.1

