

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001852.D
 Acq On : 07 Jul 2015 01:54
 Operator : TP/UM
 Sample : G2861-05DL 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 G93L1DL

Manual Integrations
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Quant Time: Jul 07 07:49:11 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	59874	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	231457	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	138053	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	316596	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	375254	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	382135	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	3228	0.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	2196	0.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	2653	0.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	2556	0.69	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	927	0.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	1123	0.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	2587	0.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	1187	0.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	8356	0.82	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	9892	0.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	480	0.25	ng/ul	0.01
57) Fluorene-d10	15.31	176	8456	0.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	478	0.25	ng/ul	0.00
70) Anthracene-d10	17.16	188	13072	0.89	ng/ul	0.00
78) Pyrene-d10	19.46	212	14368	0.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	14945	0.89	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.50	128	108467	9.28	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	31572	3.74	ng/ul	98
47) Acenaphthylene	14.03	152	41333	3.02	ng/ul#	97
49) Acenaphthene	14.38	153	13248	1.45	ng/ul	91
53) Dibenzofuran	14.72	168	52440	4.01	ng/ul	97
58) Fluorene	15.36	166	52982	4.86	ng/ul	96
69) Phenanthrene	17.10	178	379229	22.09	ng/ul	98
71) Anthracene	17.19	178	73912	4.19	ng/ul	97
74) Carbazole	17.47	167	30269	1.96	ng/ul	99
76) Fluoranthene	19.13	202	355692	17.32	ng/ul	98
79) Pyrene	19.49	202	317377	15.24	ng/ul	99
82) Benzo(a)anthracene	21.24	228	121027	5.52	ng/ul	96
84) Chrysene	21.29	228	110608	5.32	ng/ul	96
87) Benzo(b)fluoranthene	22.81	252	156373	7.03	ng/ul#	97
88) Benzo(k)fluoranthene	22.84	252	43887m	2.04	ng/ul	
90) Benzo(a)pyrene	23.37	252	124685	5.76	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.71	276	95126	3.71	ng/ul	97
93) Benzo(g,h,i)perylene	26.39	276	90429	4.19	ng/ul	99

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

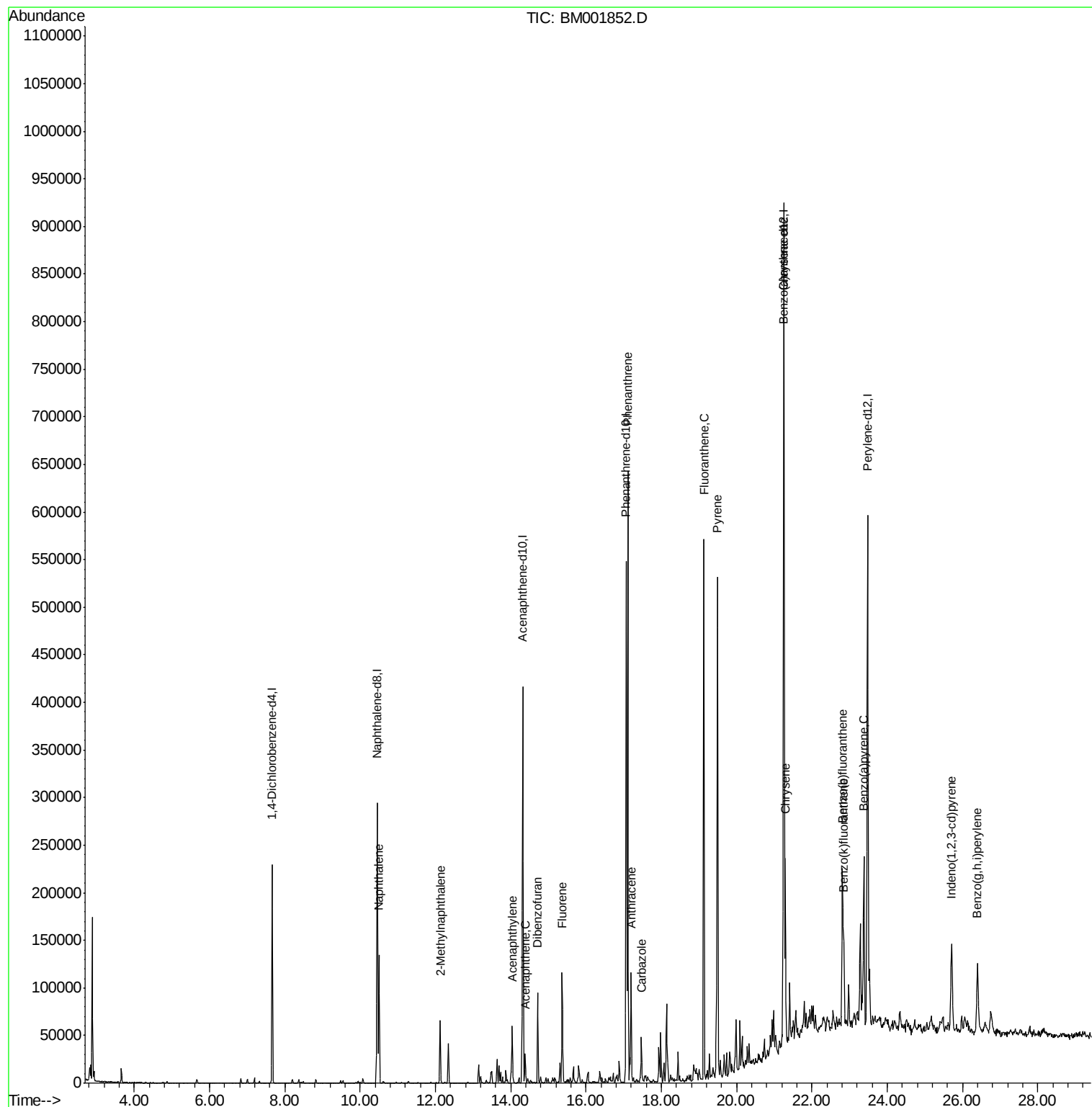
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001852.D
Acq On : 07 Jul 2015 01:54
Operator : TP/UM
Sample : G2861-05DL 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

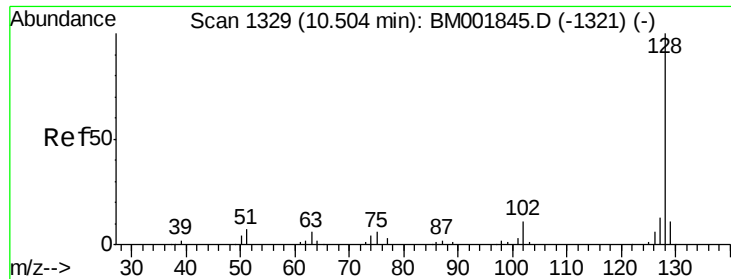
Instrument :
BNA_M
ClientSampleId :
G93L1DL

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Quant Time: Jul 07 07:49:11 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
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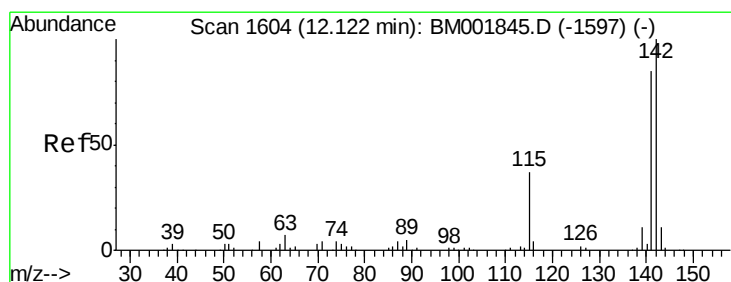
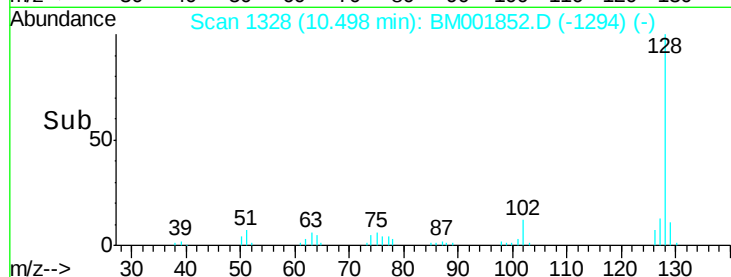
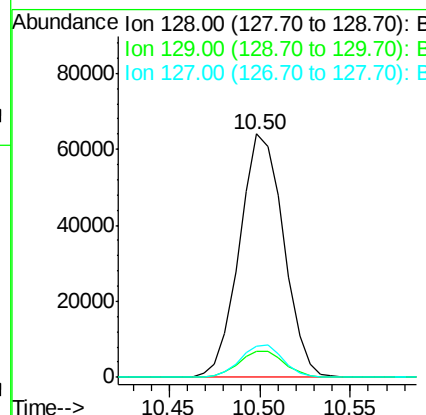
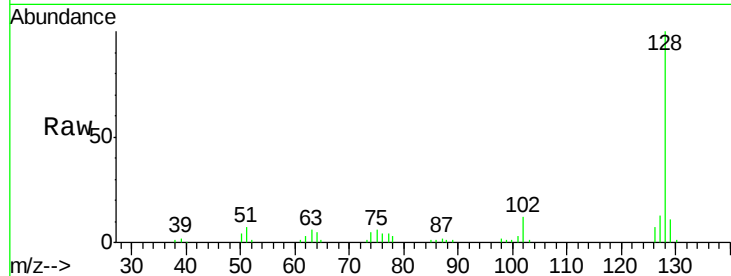
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Naphthalene
Concen: 9.28 ng/ul
RT: 10.50 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BM001852.D
Acq: 07 Jul 2015 01:54

Instrument :
BNA_M
ClientSampleId :
G93L1DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	108467		
129	10.5	8.7	13.1	
127	12.9	10.0	15.0	

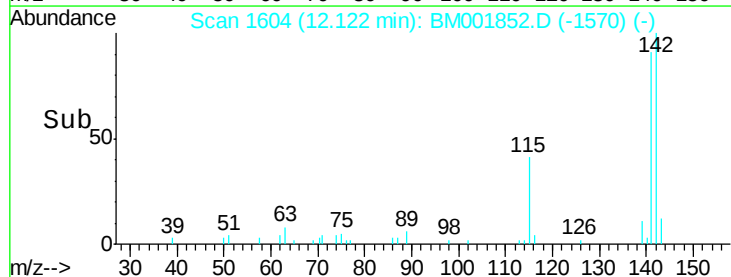
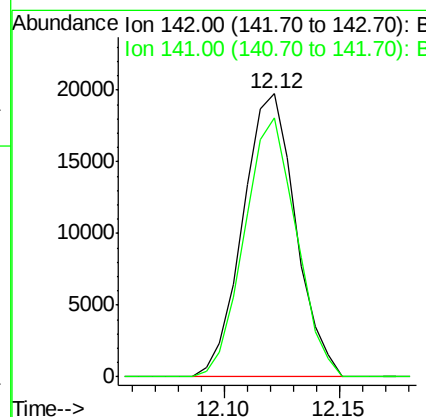
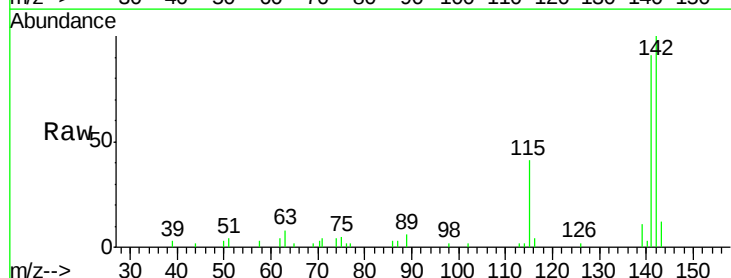
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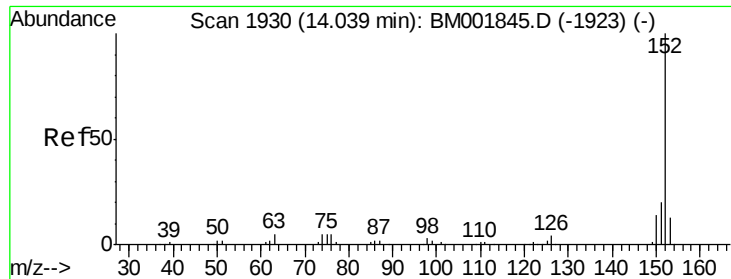
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#34
2-Methylnaphthalene
Concen: 3.74 ng/ul
RT: 12.12 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BM001852.D
Acq: 07 Jul 2015 01:54

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	31572		
141	91.4	71.6	107.4	





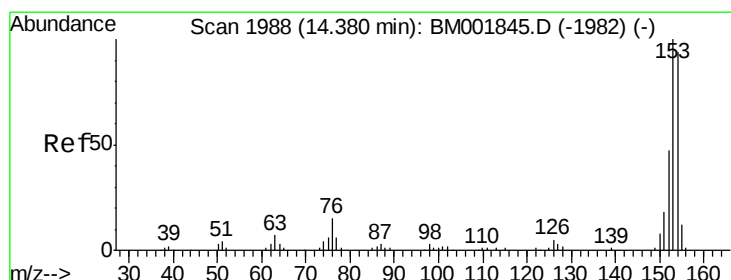
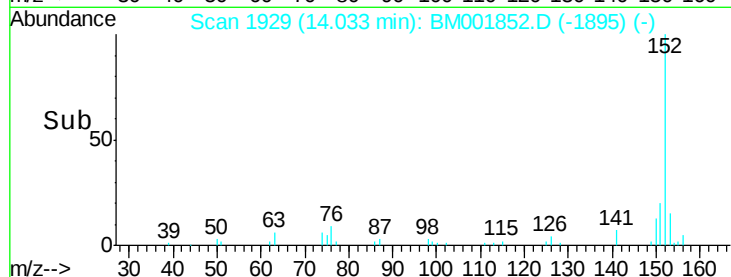
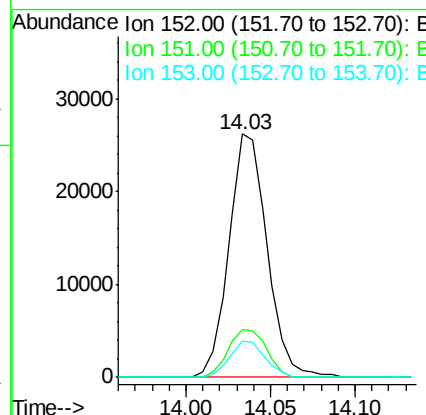
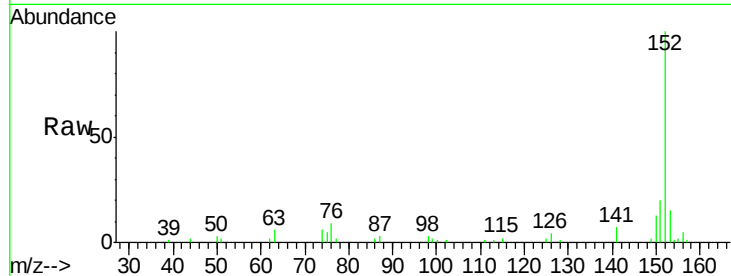
#47
Acenaphthylene
Concen: 3.02 ng/ul
RT: 14.03 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM001852.D
Acq: 07 Jul 2015 01:54

Instrument :
BNA_M
ClientSampleId :
G93L1DL

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	15.1	10.0	15.0

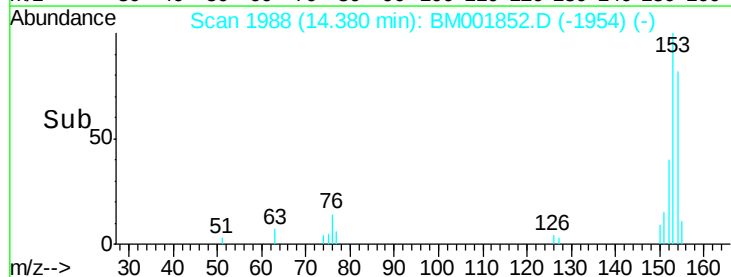
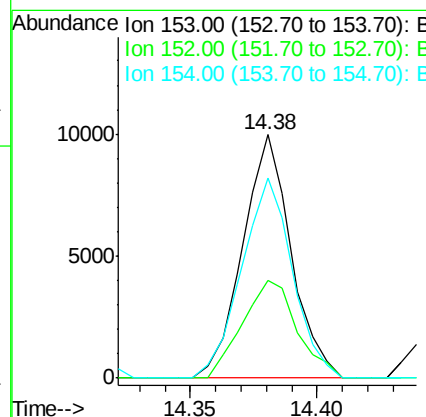
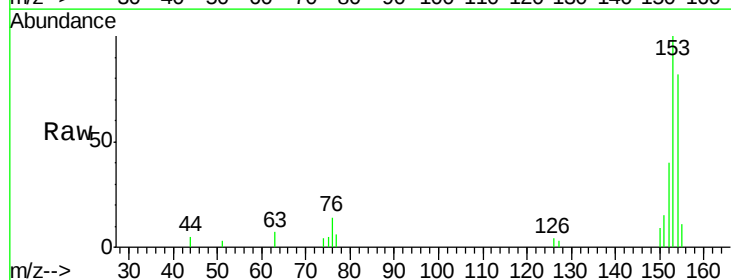
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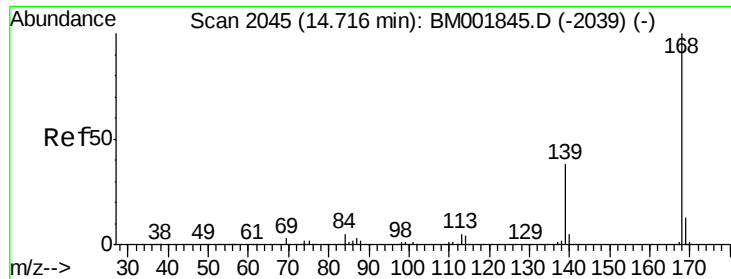
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#49
Acenaphthene
Concen: 1.45 ng/ul
RT: 14.38 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BM001852.D
Acq: 07 Jul 2015 01:54

Tgt Ion	Ratio	Lower	Upper
153	100		
152	40.2	36.6	55.0
154	82.0	72.6	108.8





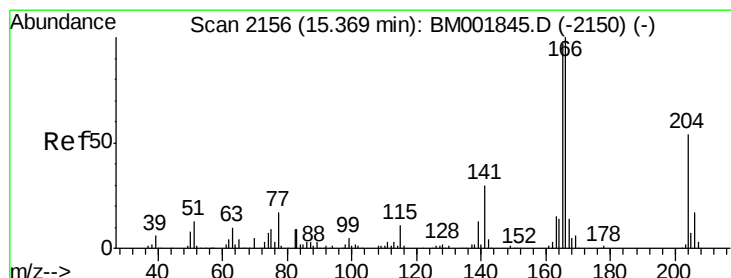
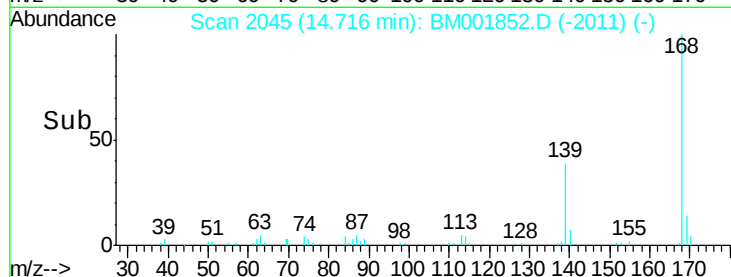
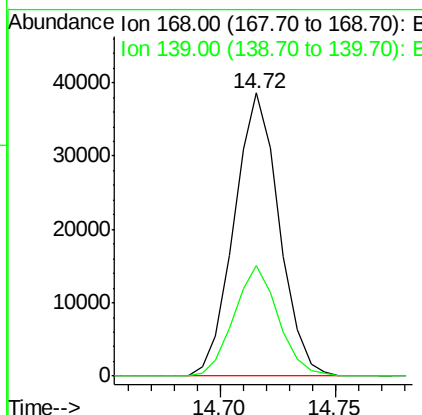
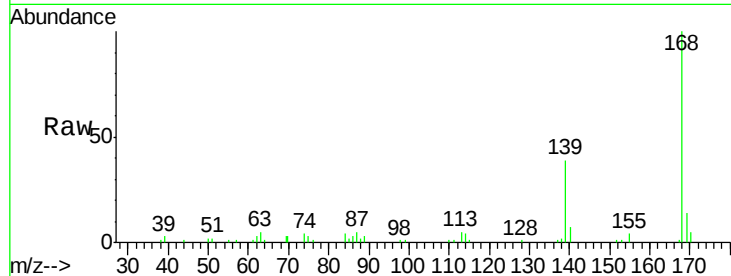
#53
Dibenzenofuran
Concen: 4.01 ng/ul
RT: 14.72 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BM001852.D
Acq: 07 Jul 2015 01:54

Instrument :
BNA_M
ClientSampleId :
G93L1DL

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1

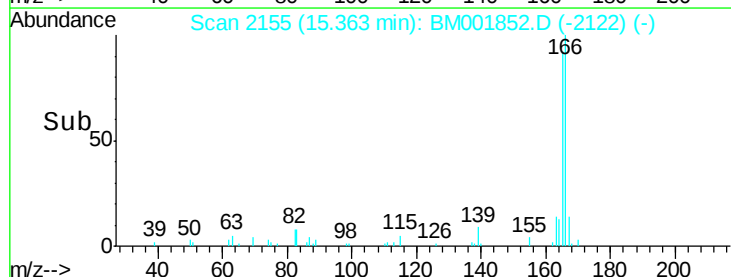
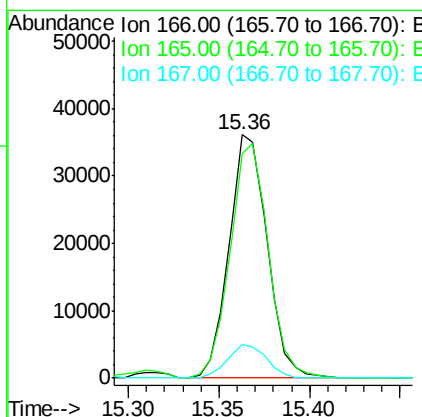
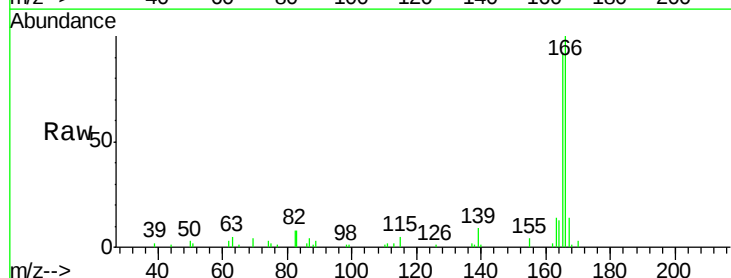
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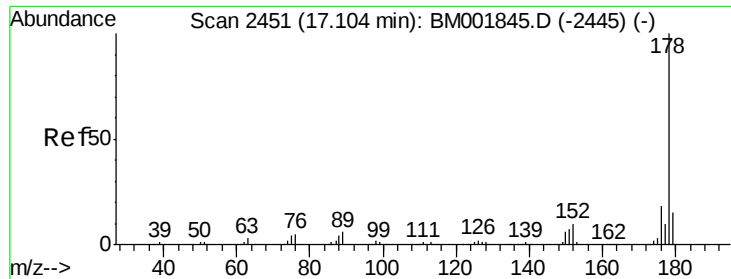
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#58
Fluorene
Concen: 4.86 ng/ul
RT: 15.36 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BM001852.D
Acq: 07 Jul 2015 01:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	92.1	77.4	116.2
167	13.9	11.3	16.9





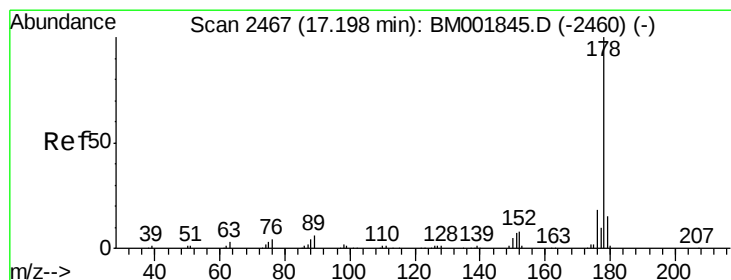
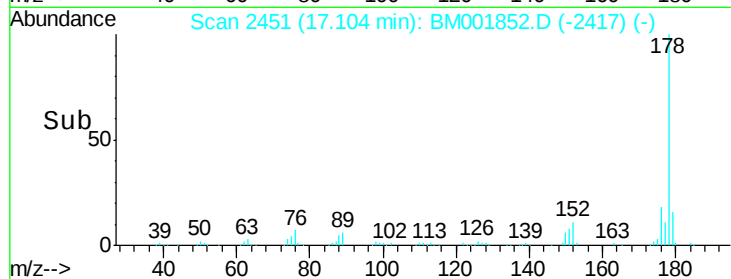
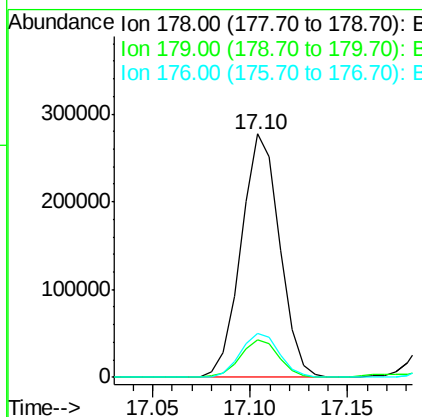
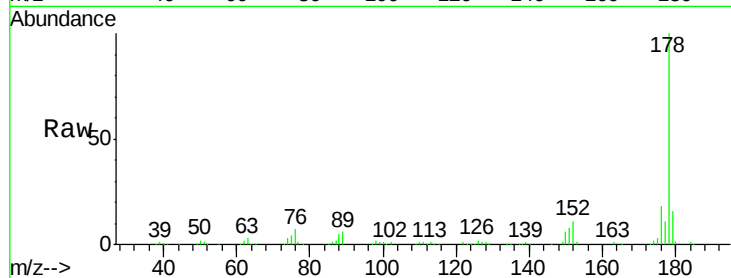
#69
Phenanthrene
Concen: 22.09 ng/ul
RT: 17.10 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BM001852.D
Acq: 07 Jul 2015 01:54

Instrument :
BNA_M
ClientSampleId :
G93L1DL

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	379229		
179	15.5		11.9	17.9
176	18.2		15.2	22.8

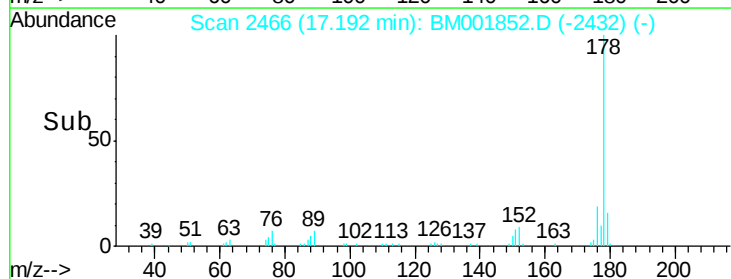
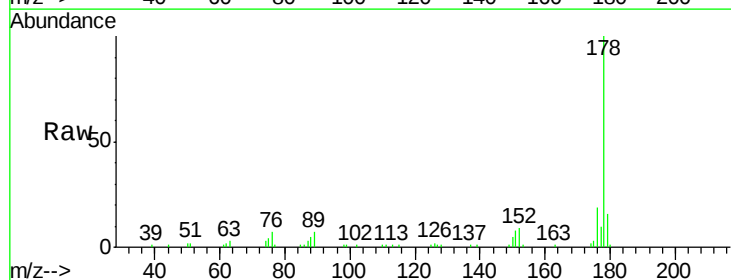
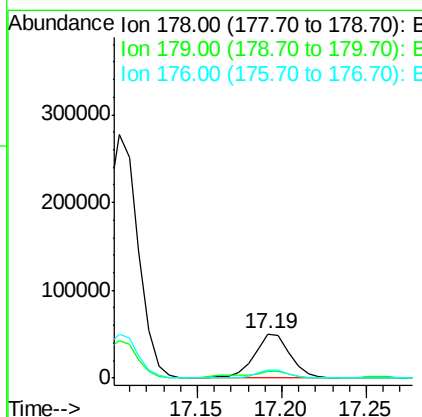
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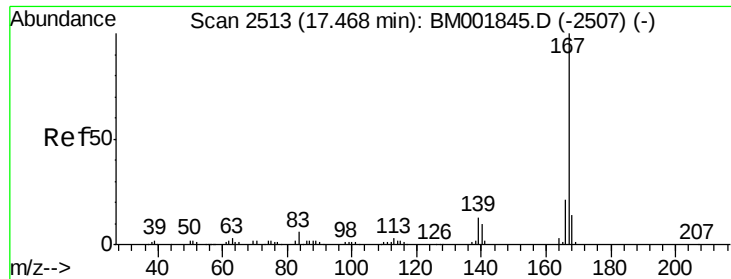
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#71
Anthracene
Concen: 4.19 ng/ul
RT: 17.19 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM001852.D
Acq: 07 Jul 2015 01:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	73912		
179	16.3		11.8	17.8
176	18.7		14.4	21.6





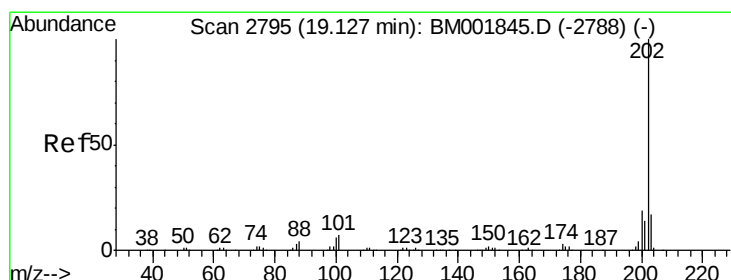
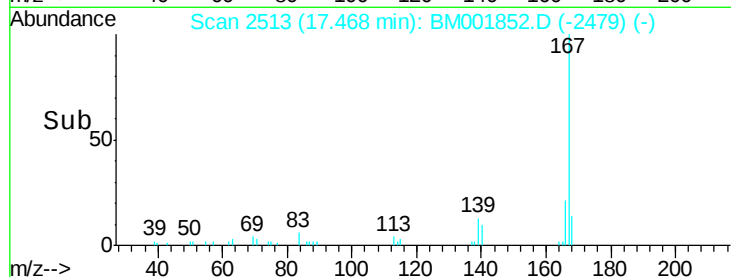
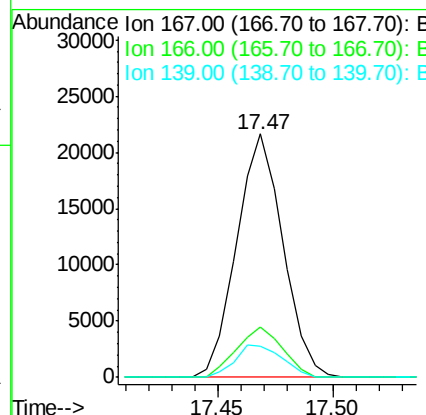
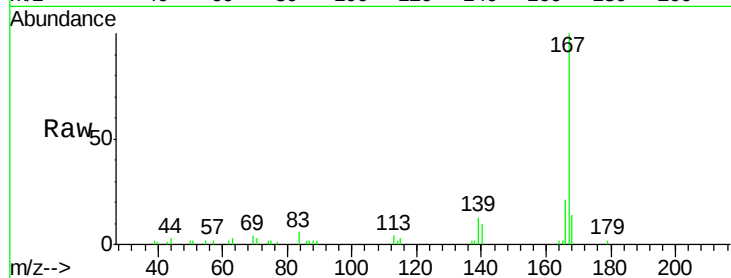
#74
 Carbazole
 Concen: 1.96 ng/ul
 RT: 17.47 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BM001852.D
 Acq: 07 Jul 2015 01:54

Instrument :
 BNA_M
 ClientSampleId :
 G93L1DL

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.4	26.2
139	12.6	10.1	15.1

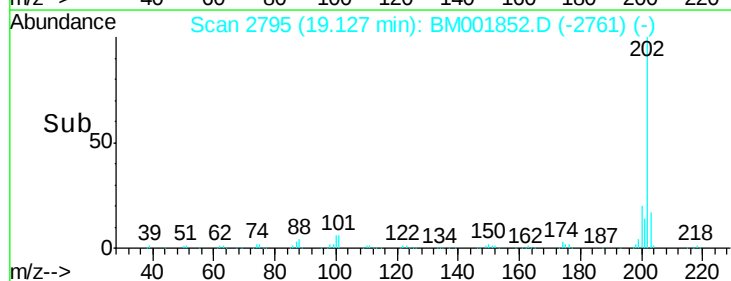
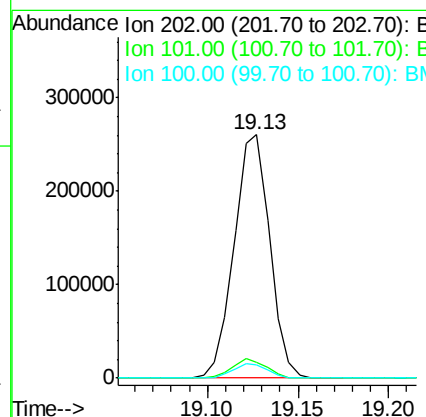
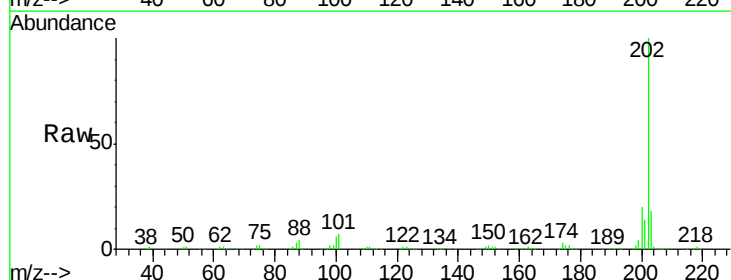
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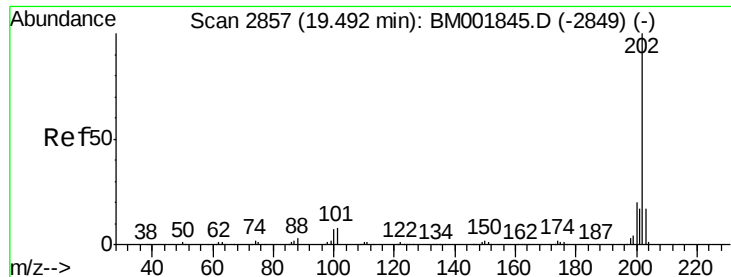
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#76
 Fluoranthene
 Concen: 17.32 ng/ul
 RT: 19.13 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BM001852.D
 Acq: 07 Jul 2015 01:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.6	6.1	9.1
100	5.7	4.8	7.2





#79

Pyrene

Concen: 15.24 ng/ul

RT: 19.49 min Scan# 2856

Delta R.T. 0.00 min

Lab File: BM001852.D

Acq: 07 Jul 2015 01:54

Instrument :

BNA_M

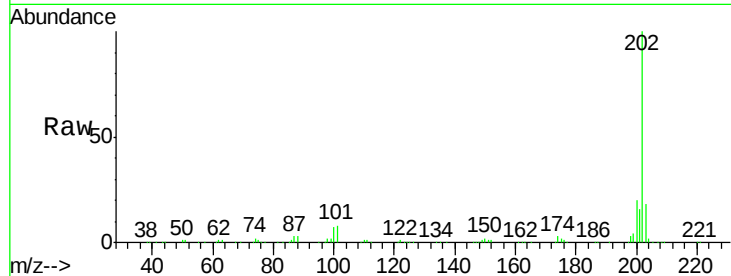
ClientSampleId :

G93L1DL

Tgt Ion:	202	Resp:	317377
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.9	10.3
100	7.1	6.2	9.2

Manual Integrations
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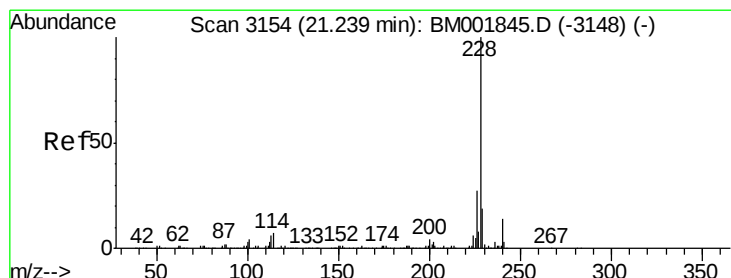
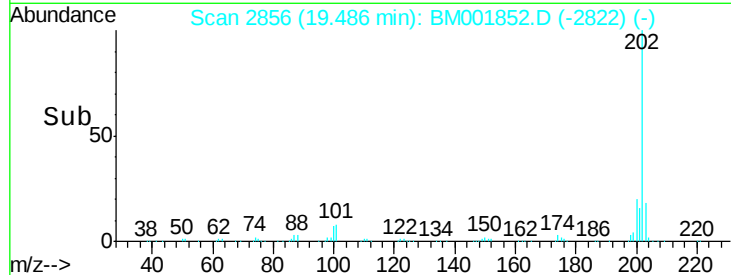
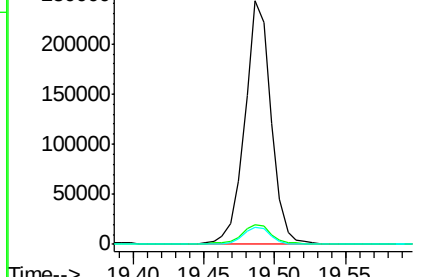
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#82

Benzo(a)anthracene

Concen: 5.52 ng/ul

RT: 21.24 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BM001852.D

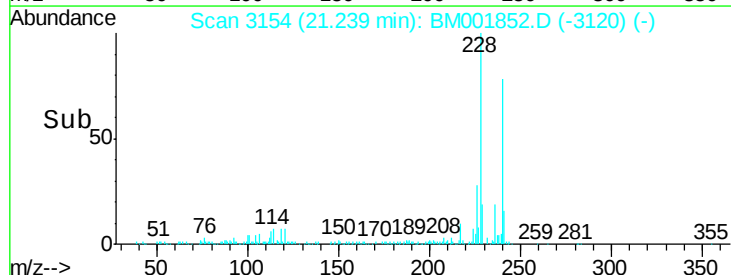
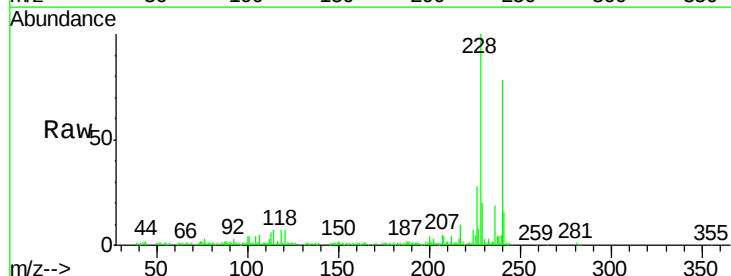
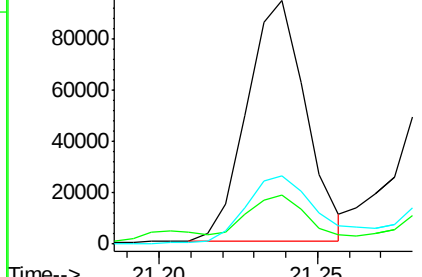
Acq: 07 Jul 2015 01:54

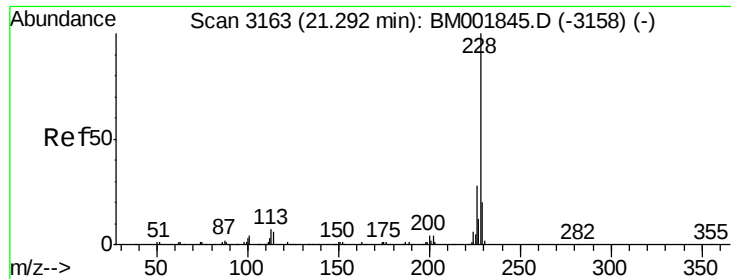
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Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.4	23.0
226	28.3	20.6	30.8

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: 5.32 ng/ul

RT: 21.29 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BM001852.D

Acq: 07 Jul 2015 01:54

Instrument :

BNA_M

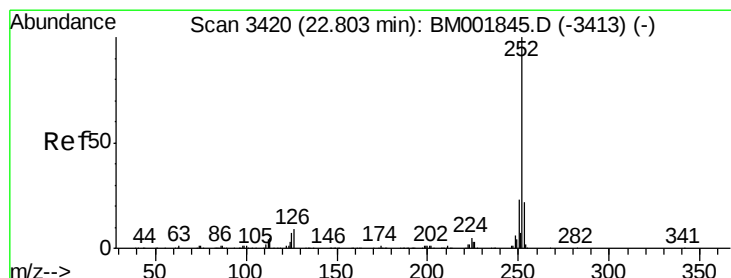
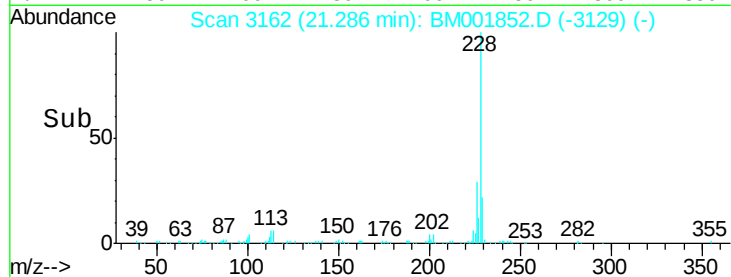
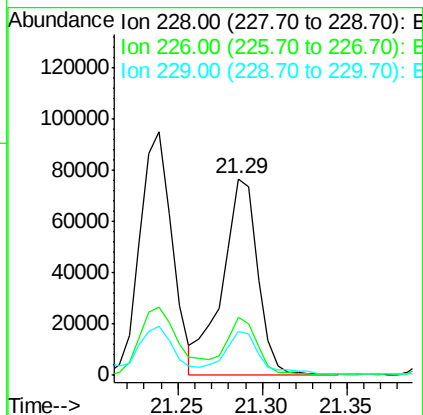
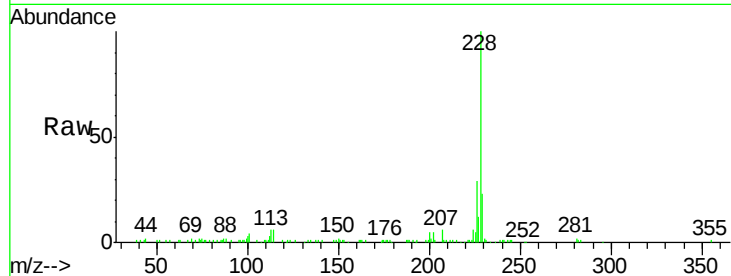
ClientSampleId :

G93L1DL

Tgt Ion:	228	Resp:	110608
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.0	34.4
229	22.7	15.4	23.2

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#87

Benzo(b)fluoranthene

Concen: 7.03 ng/ul

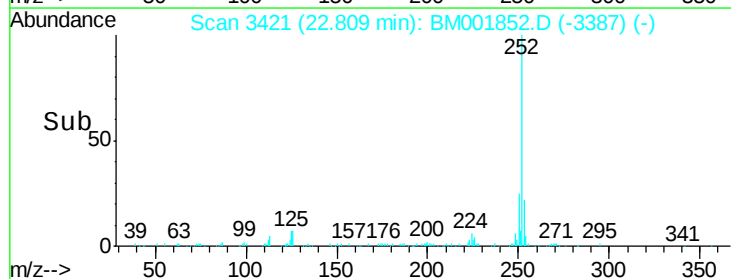
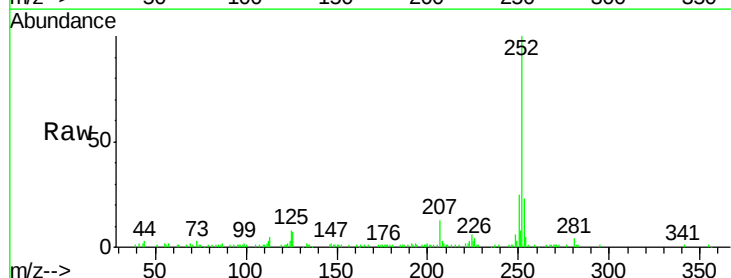
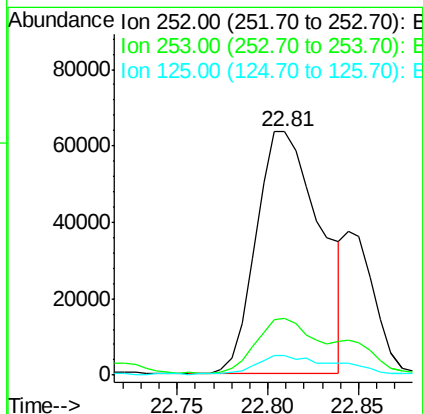
RT: 22.81 min Scan# 3421

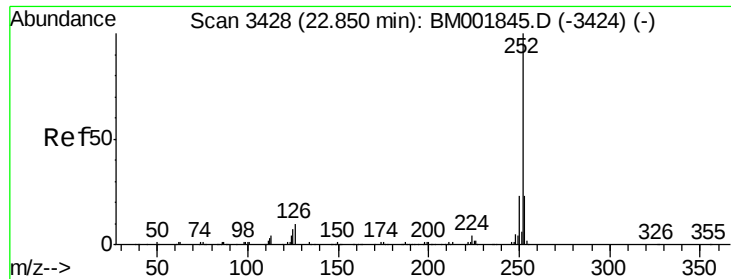
Delta R.T. 0.00 min

Lab File: BM001852.D

Acq: 07 Jul 2015 01:54

Tgt Ion:	252	Resp:	156373
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	8.0	5.3	7.9#





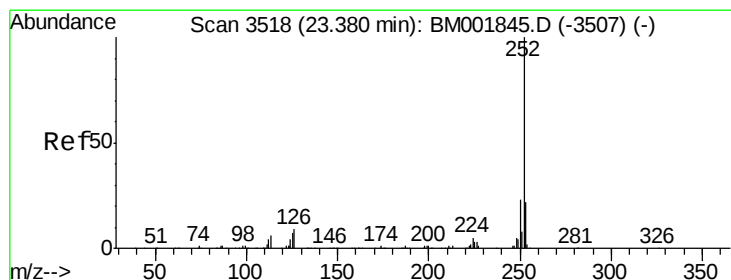
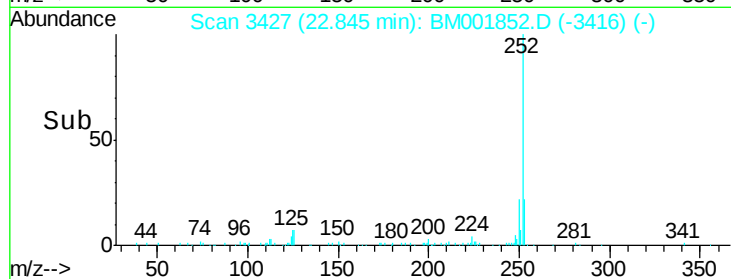
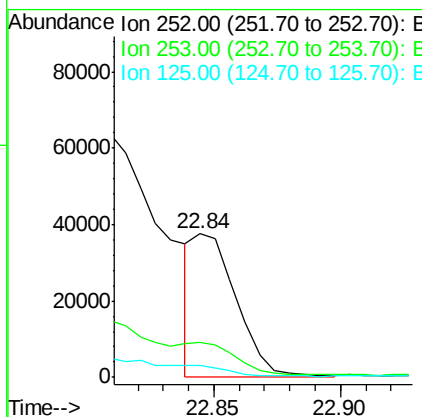
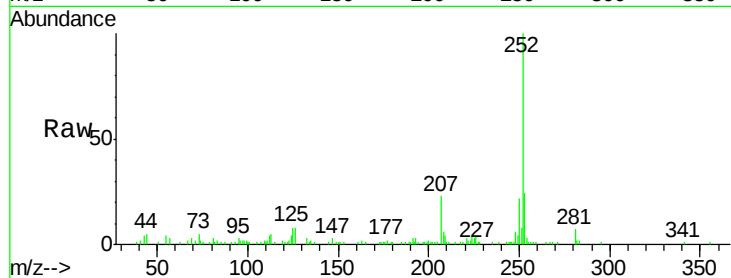
#88
Benzo(k)fluoranthene
Concen: 2.04 ng/ul m
RT: 22.84 min Scan# 3427
Delta R.T. -0.01 min
Lab File: BM001852.D
Acq: 07 Jul 2015 01:54

Instrument :
BNA_M
ClientSampleId :
G93L1DL

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.1	25.7
125	8.2	5.3	7.9

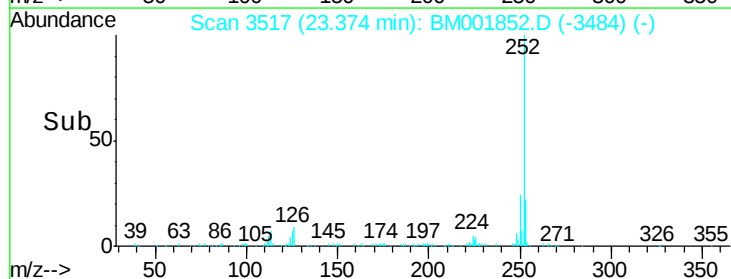
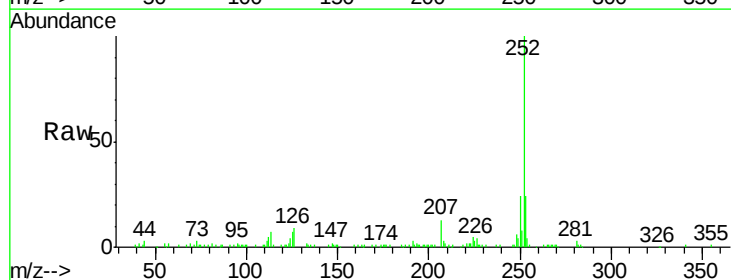
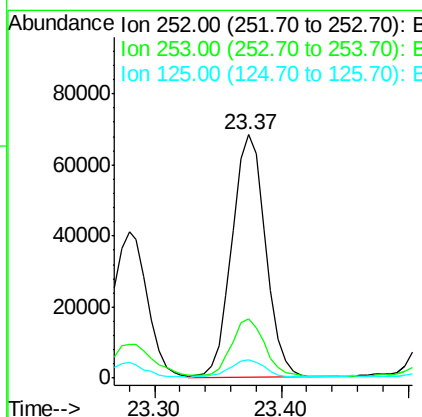
Manual Integrations
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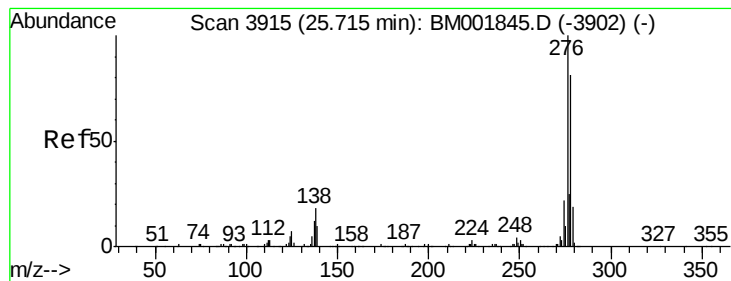
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#90
Benzo(a)pyrene
Concen: 5.76 ng/ul
RT: 23.37 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BM001852.D
Acq: 07 Jul 2015 01:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.0
125	7.4	6.0	9.0





#91

Indeno(1,2,3-cd)pyrene

Concen: 3.71 ng/ul

RT: 25.71 min Scan# 3914

Delta R.T. 0.00 min

Lab File: BM001852.D

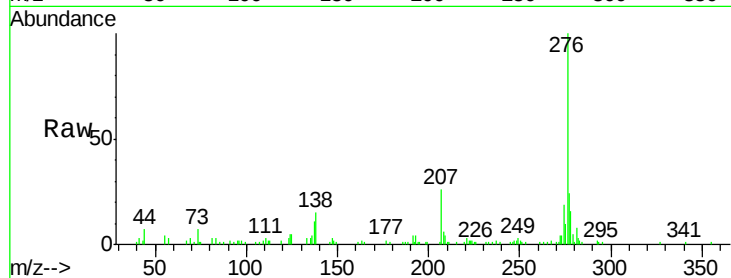
Acq: 07 Jul 2015 01:54

Instrument :

BNA_M

ClientSampleId :

G93L1DL



Tgt Ion:276 Resp: 95126

Ion Ratio Lower Upper

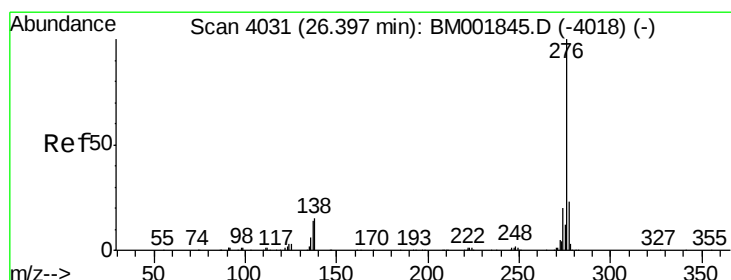
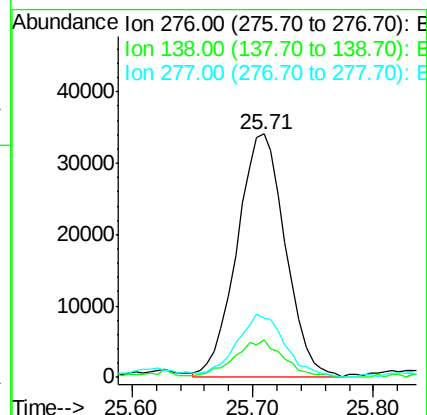
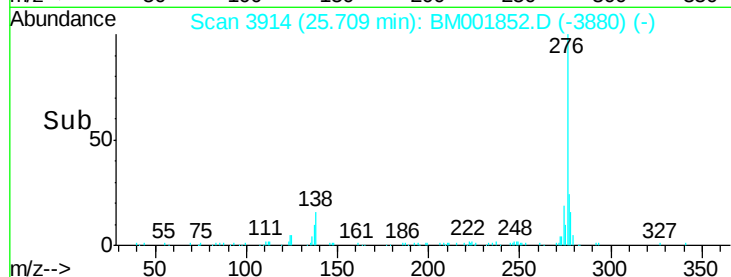
276 100

138 15.3 14.7 22.1

277 24.4 19.7 29.5

Manual Integrations
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#93

Benzo(g,h,i)perylene

Concen: 4.19 ng/ul

RT: 26.39 min Scan# 4030

Delta R.T. -0.01 min

Lab File: BM001852.D

Acq: 07 Jul 2015 01:54

Tgt Ion:276 Resp: 90429

Ion Ratio Lower Upper

276 100

138 15.4 12.6 19.0

277 22.7 18.7 28.1

