

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001872.D
 Acq On : 07 Jul 2015 20:21
 Operator : TP/UM
 Sample : G2860-18
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 G93K3

Manual Integrations
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 7/8/2015 4:25:40 PM

Quant Time: Jul 08 06:06:08 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 05:33:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	89428	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	334656	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	177663	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	351234	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	380860	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	396586	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	4413	2.35	ng/uL	0.00
5) Phenol-d5	6.83	99	97413	14.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	53107	13.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	80454	14.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	78176	14.18	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	36406	15.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	43325	17.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	81384	15.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	63894	11.58	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	198382	15.06	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	264740	15.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	30334	12.48	ng/ul	0.00
57) Fluorene-d10	15.32	176	183318	15.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	25608	11.94	ng/ul	0.00
70) Anthracene-d10	17.17	188	255669	15.63	ng/ul	0.00
78) Pyrene-d10	19.47	212	264493	16.40	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	271450	15.53	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.49	105	10341	1.18	ng/ul	94
28) Naphthalene	10.50	128	153954	9.11	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	47728	3.91	ng/ul	97
44) Dimethylphthalate	13.78	163	43995	3.06	ng/ul	99
47) Acenaphthylene	14.04	152	299828	17.03	ng/ul	99
53) Dibenzofuran	14.72	168	24362	1.45	ng/ul	94
58) Fluorene	15.37	166	27755	1.98	ng/ul	92
69) Phenanthrene	17.11	178	392767	20.62	ng/ul	97
71) Anthracene	17.20	178	163263	8.35	ng/ul	99
74) Carbazole	17.47	167	19068	1.11	ng/ul	95
76) Fluoranthene	19.13	202	862917	37.88	ng/ul	100
79) Pyrene	19.50	202	1299539	61.50	ng/ul	99
82) Benzo(a)anthracene	21.25	228	697766	31.36	ng/ul	93
84) Chrysene	21.30	228	673852	31.95	ng/ul	97
87) Benzo(b)fluoranthene	22.83	252	1169864	50.67	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	435434m	19.52	ng/ul	
90) Benzo(a)pyrene	23.40	252	734608	32.71	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.76	276	854831m	32.10	ng/ul	
92) Dibenzo(a,h)anthracene	25.76	278	190311	8.47	ng/ul#	89
93) Benzo(g,h,i)perylene	26.46	276	805674	35.98	ng/ul	97

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

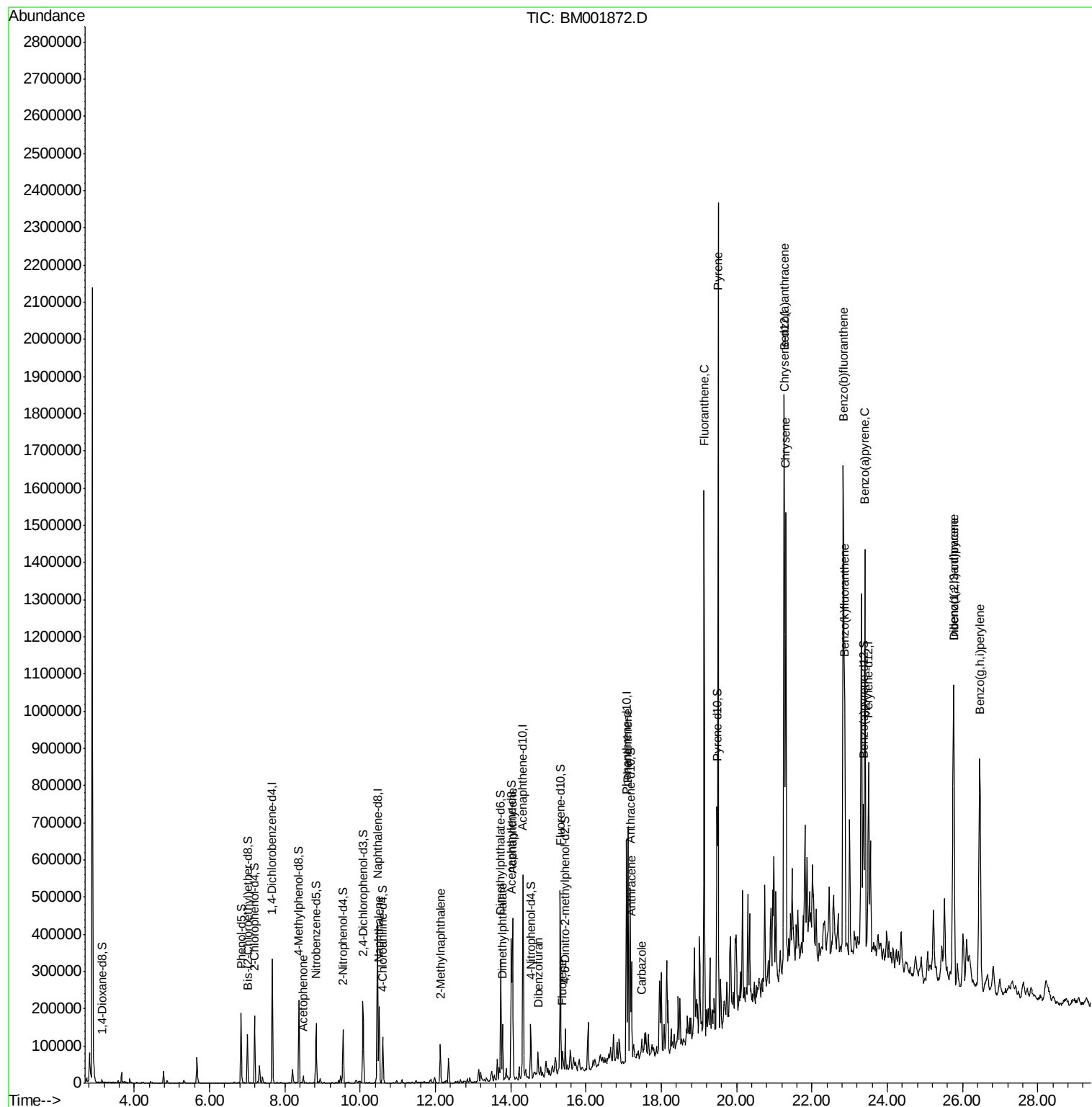
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001872.D
Acq On : 07 Jul 2015 20:21
Operator : TP/UM
Sample : G2860-18
Misc :
ALS Vial : 40 Sample Multiplier: 1

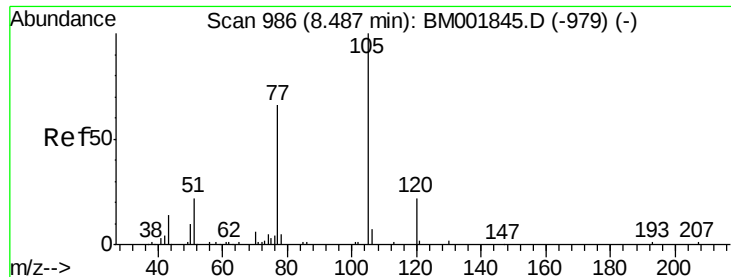
Instrument :
BNA_M
ClientSampleId :
G93K3

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Quant Time: Jul 08 06:06:08 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 05:33:09 2015
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.18 ng/ul

RT: 8.49 min Scan# 986

Delta R.T. -0.00 min

Lab File: BM001872.D

Acq: 07 Jul 2015 20:21

Instrument :

BNA_M

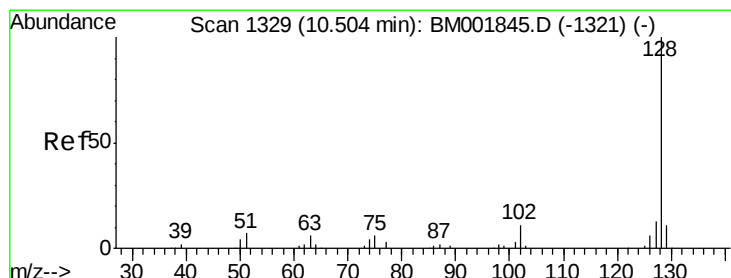
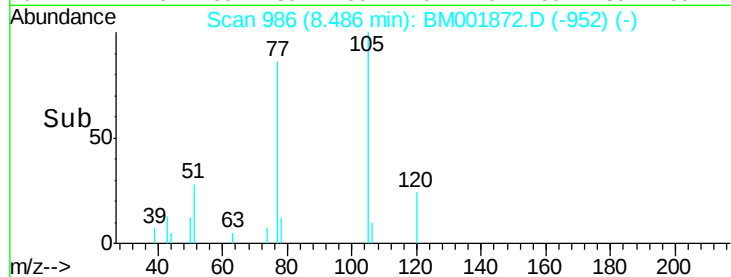
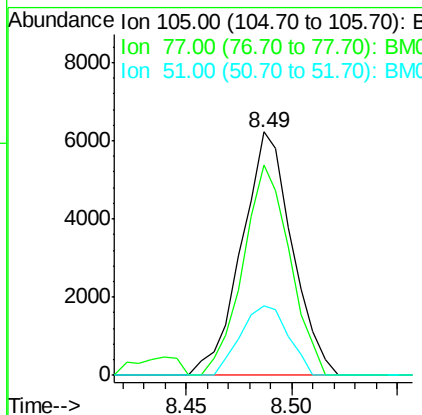
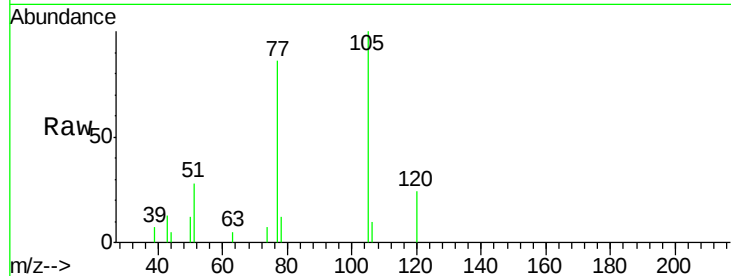
ClientSampleId :

G93K3

Tgt Ion:	105	Resp:	10341
Ion Ratio	Lower	Upper	
105	100		
77	86.5	64.2	96.4
51	28.4	22.0	33.0

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#28

Naphthalene

Concen: 9.11 ng/ul

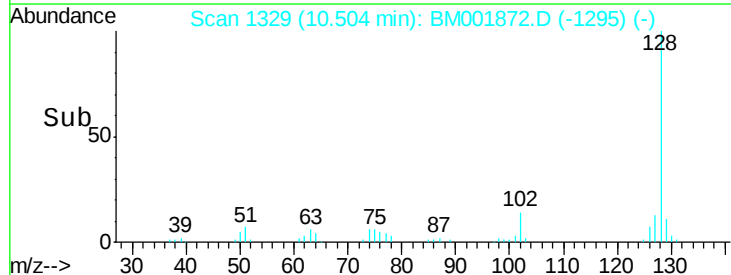
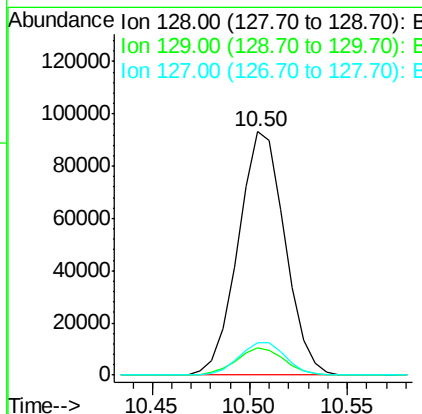
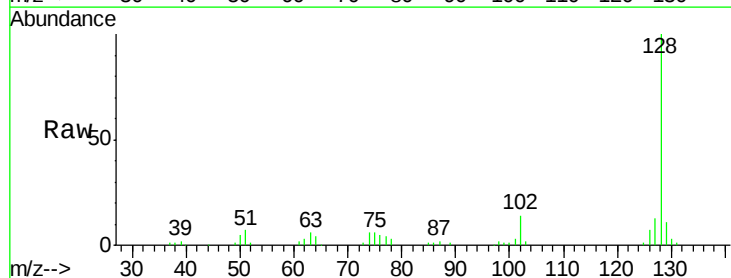
RT: 10.50 min Scan# 1329

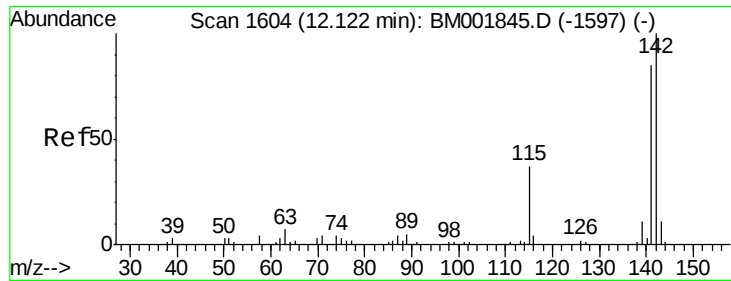
Delta R.T. -0.00 min

Lab File: BM001872.D

Acq: 07 Jul 2015 20:21

Tgt Ion:	128	Resp:	153954
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.7	13.1
127	13.2	10.0	15.0





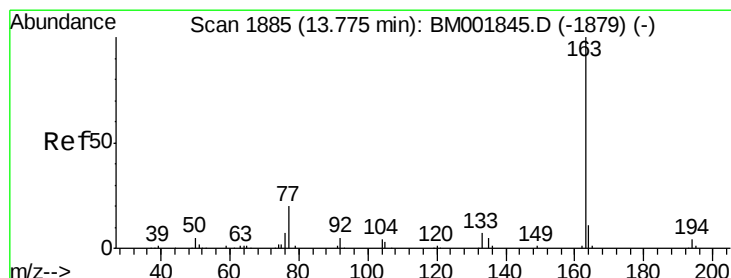
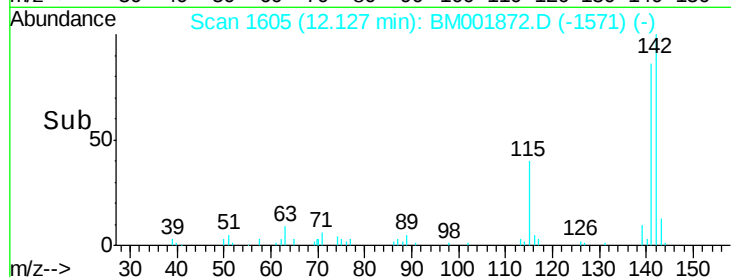
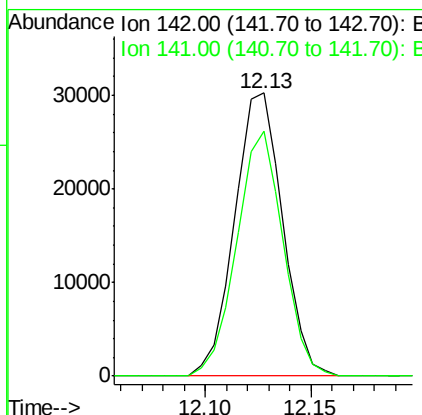
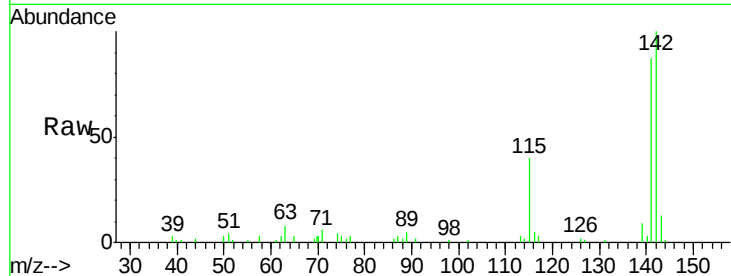
#34
2-Methylnaphthalene
Concen: 3.91 ng/ul
RT: 12.13 min Scan# 1605
Delta R.T. -0.00 min
Lab File: BM001872.D
Acq: 07 Jul 2015 20:21

Instrument :
BNA_M
ClientSampleId :
G93K3

Tgt Ion:142 Resp: 47728
Ion Ratio Lower Upper
142 100
141 86.6 71.6 107.4

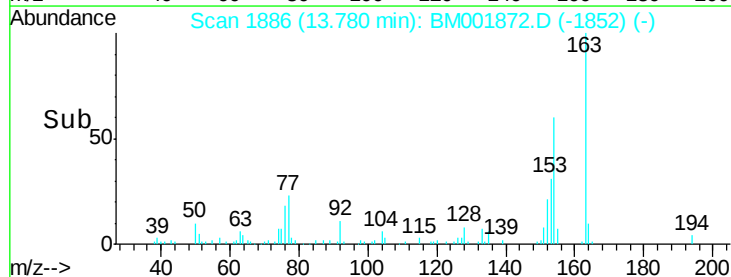
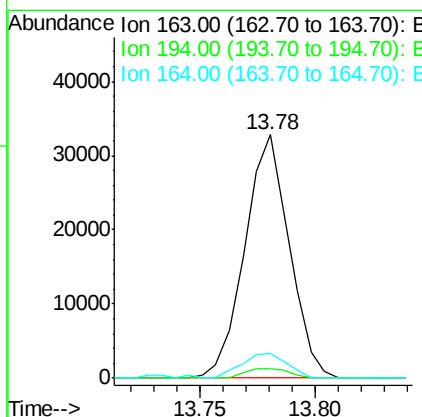
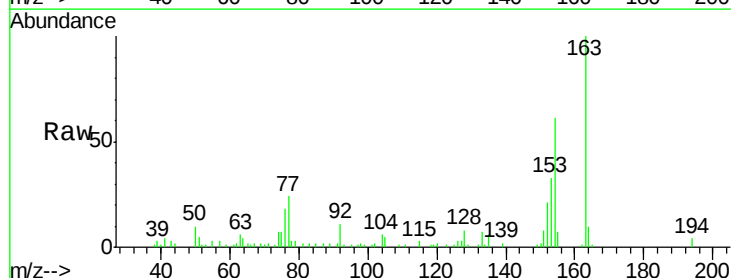
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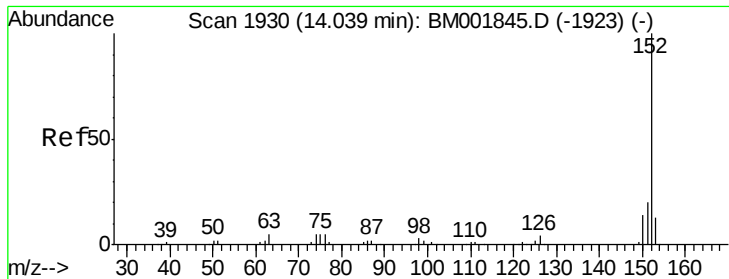
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#44
Dimethylphthalate
Concen: 3.06 ng/ul
RT: 13.78 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BM001872.D
Acq: 07 Jul 2015 20:21

Tgt Ion:163 Resp: 43995
Ion Ratio Lower Upper
163 100
194 4.0 3.6 5.4
164 10.1 8.0 12.0





#47

Acenaphthylene

Concen: 17.03 ng/ul

RT: 14.04 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BM001872.D

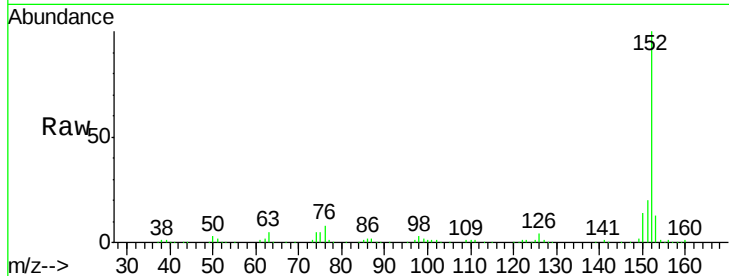
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Instrument :

BNA_M

ClientSampled :

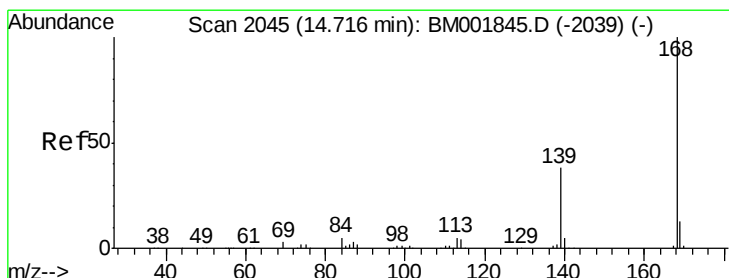
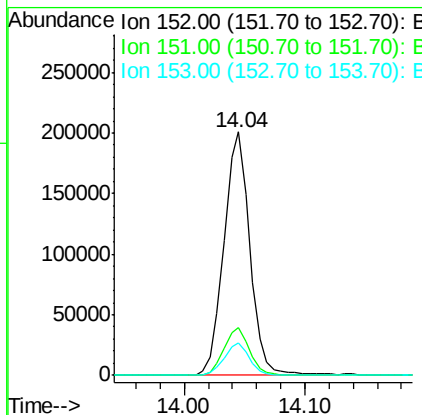
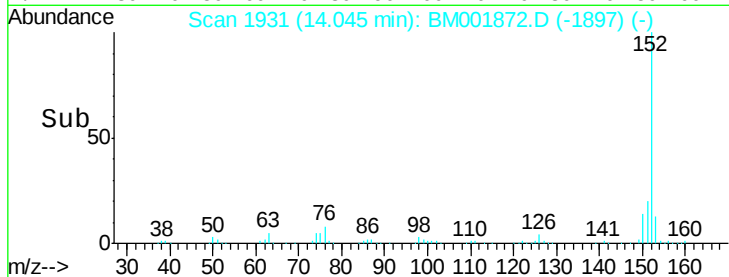
G93K3



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	299828		
151	19.5	15.9	23.9	
153	13.3	10.0	15.0	

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#53

Dibenzofuran

Concen: 1.45 ng/ul

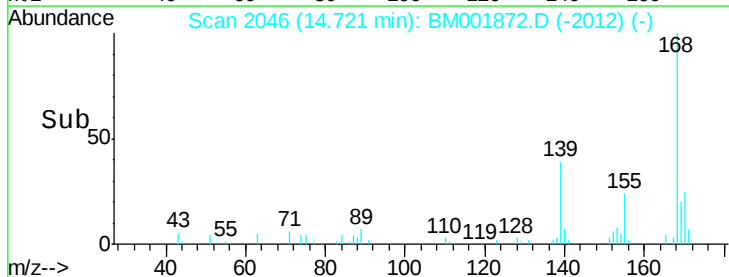
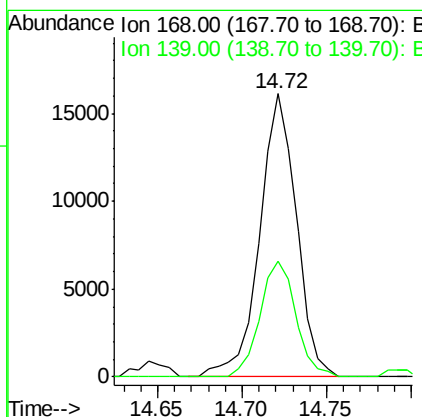
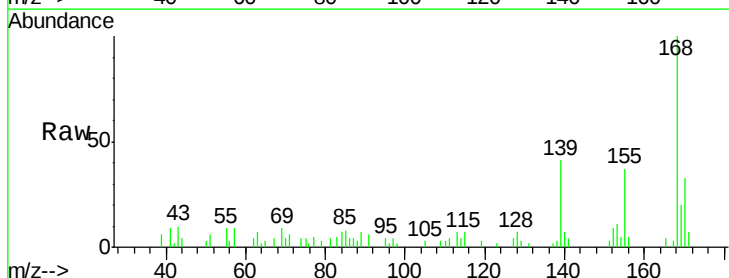
RT: 14.72 min Scan# 2046

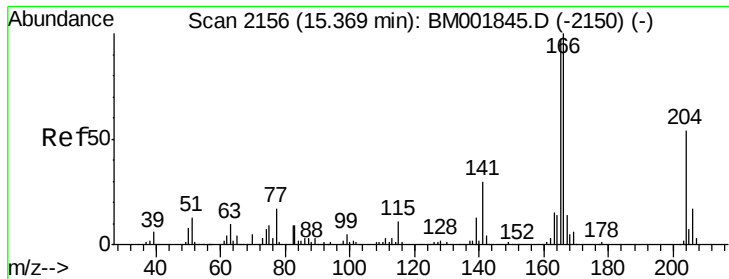
Delta R.T. -0.00 min

Lab File: BM001872.D

Acq: 07 Jul 2015 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	24362		
139	41.0	30.1	45.1	





#58

Fluorene

Concen: 1.98 ng/ul

RT: 15.37 min Scan# 2157

Delta R.T. -0.00 min

Lab File: BM001872.D

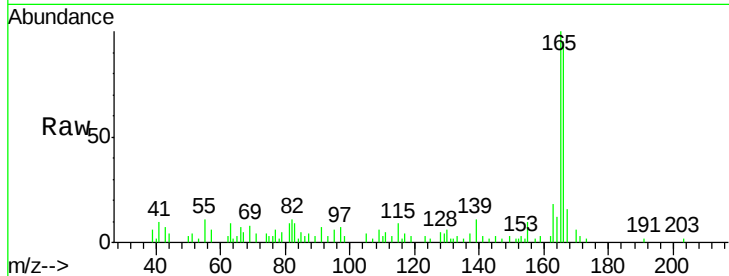
Acq: 07 Jul 2015 20:21

Instrument :

BNA_M

ClientSampled :

G93K3



Tgt Ion:166 Resp: 27755

Ion Ratio Lower Upper

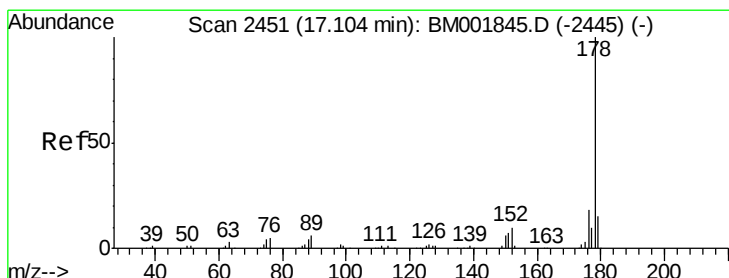
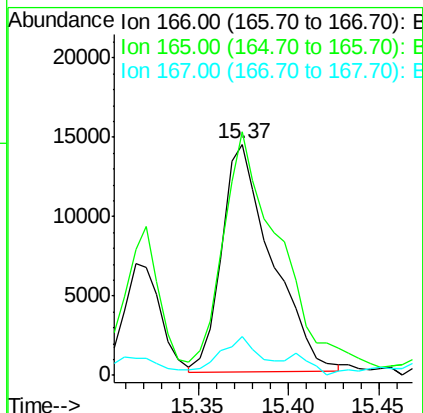
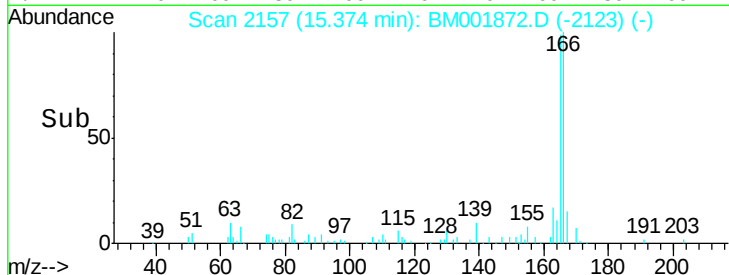
166 100

165 105.3 77.4 116.2

167 16.5 11.3 16.9

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#69

Phenanthrene

Concen: 20.62 ng/ul

RT: 17.11 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BM001872.D

Acq: 07 Jul 2015 20:21

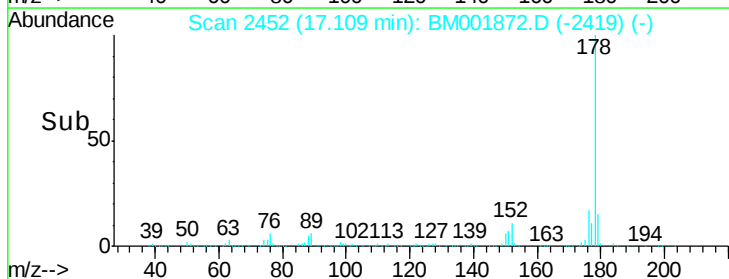
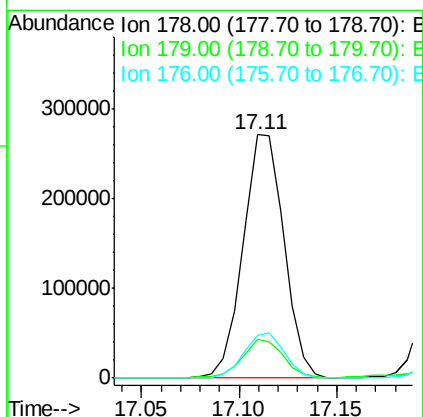
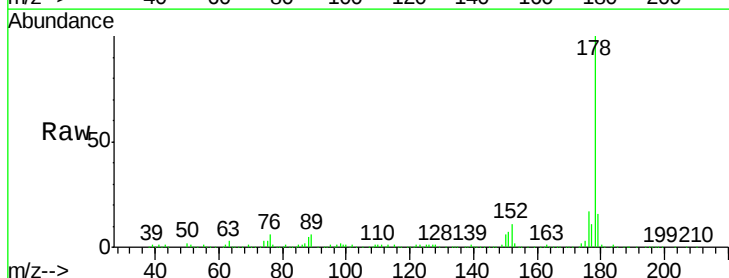
Tgt Ion:178 Resp: 392767

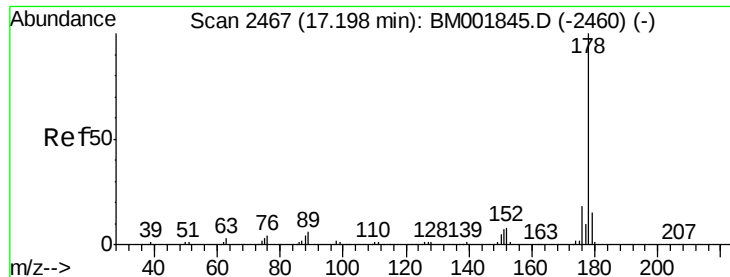
Ion Ratio Lower Upper

178 100

179 15.7 11.9 17.9

176 17.4 15.2 22.8





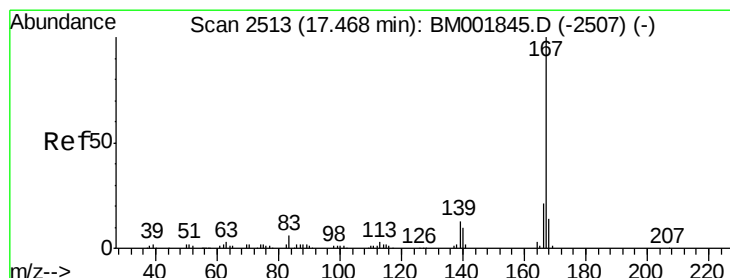
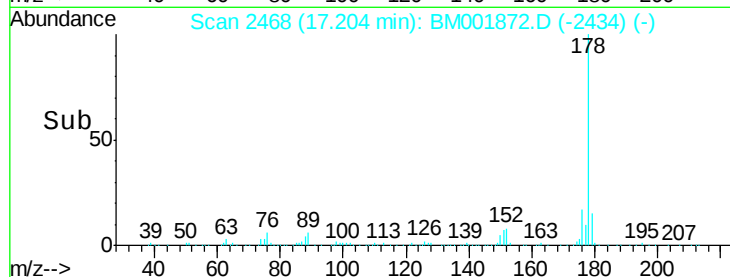
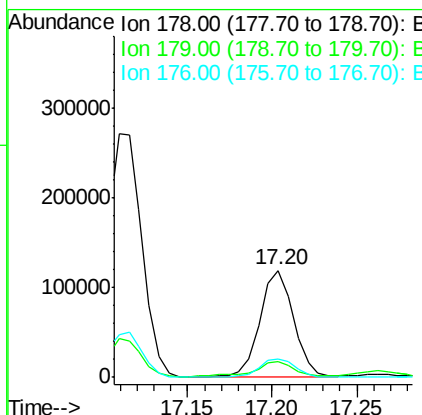
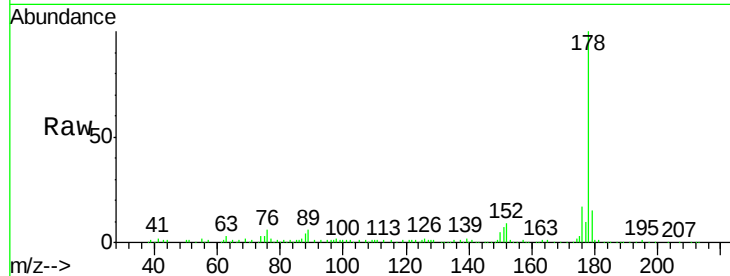
#71
 Anthracene
 Concen: 8.35 ng/ul
 RT: 17.20 min Scan# 2468
 Delta R.T. -0.00 min
 Lab File: BM001872.D
 Acq: 07 Jul 2015 20:21

Instrument :
 BNA_M
 ClientSampleId :
 G93K3

Tgt Ion:	178	Resp:	163263
Ion Ratio	Lower	Upper	
178	100		
179	15.3	11.8	17.8
176	17.5	14.4	21.6

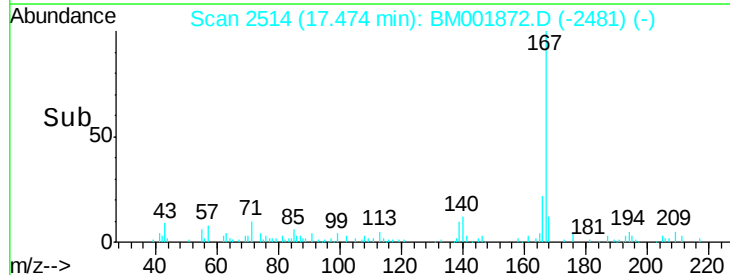
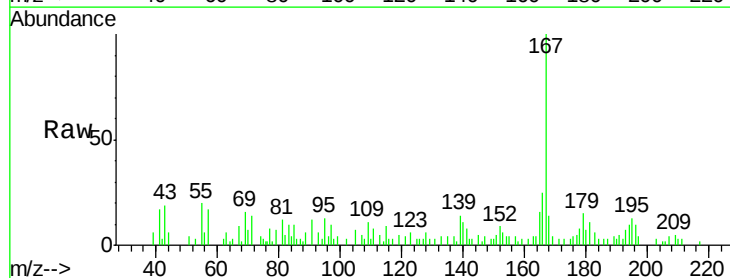
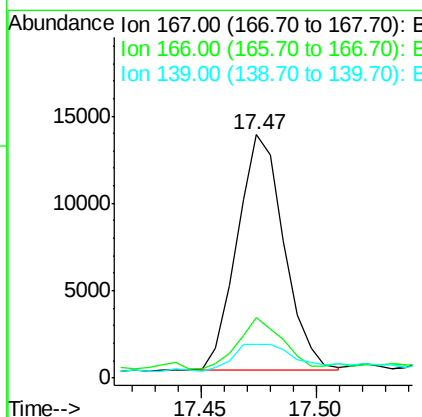
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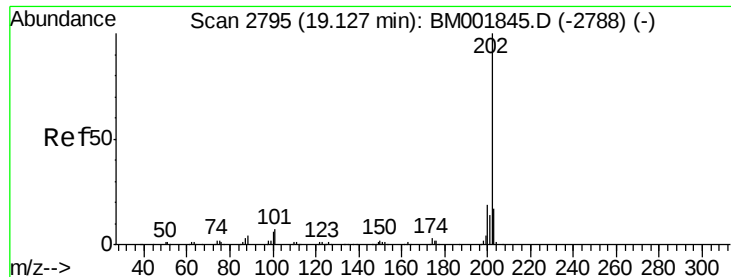
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#74
 Carbazole
 Concen: 1.11 ng/ul
 RT: 17.47 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BM001872.D
 Acq: 07 Jul 2015 20:21

Tgt Ion:	167	Resp:	19068
Ion Ratio	Lower	Upper	
167	100		
166	24.6	17.4	26.2
139	13.8	10.1	15.1





#76

Fluoranthene

Concen: 37.88 ng/ul

RT: 19.13 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BM001872.D

Acq: 07 Jul 2015 20:21

Instrument :

BNA_M

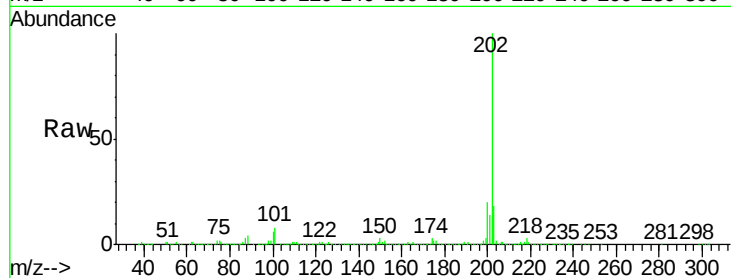
ClientSampleId :

G93K3

Tgt Ion:	202	Resp:	862917
Ion Ratio	Lower	Upper	
202	100		
101	7.7	6.1	9.1
100	5.8	4.8	7.2

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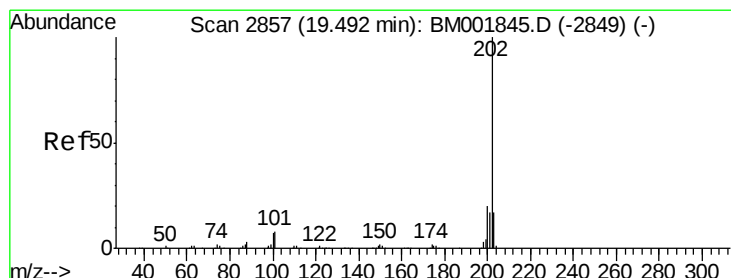
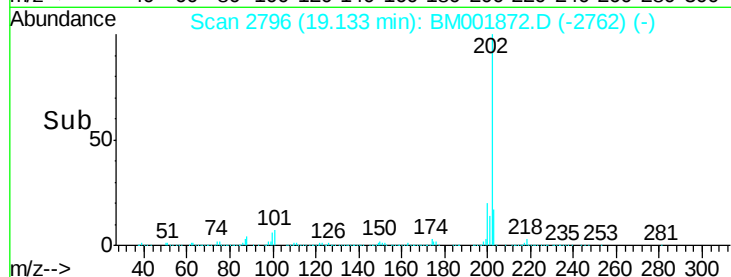
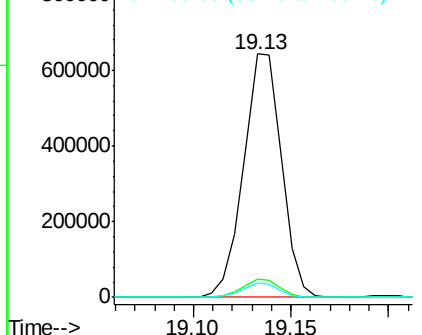
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 61.50 ng/ul

RT: 19.50 min Scan# 2859

Delta R.T. 0.01 min

Lab File: BM001872.D

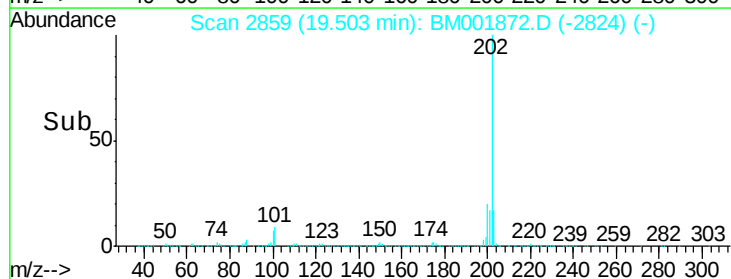
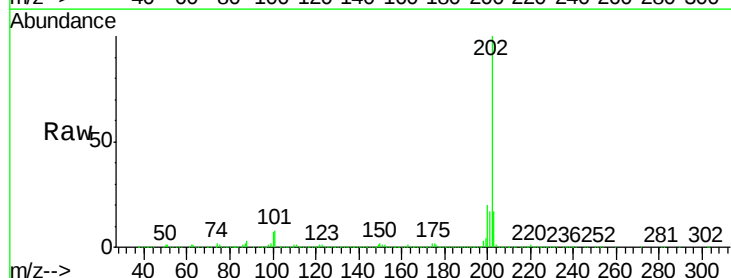
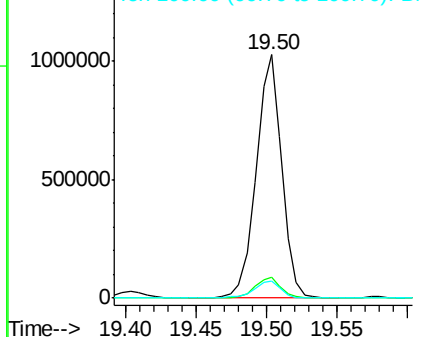
Acq: 07 Jul 2015 20:21

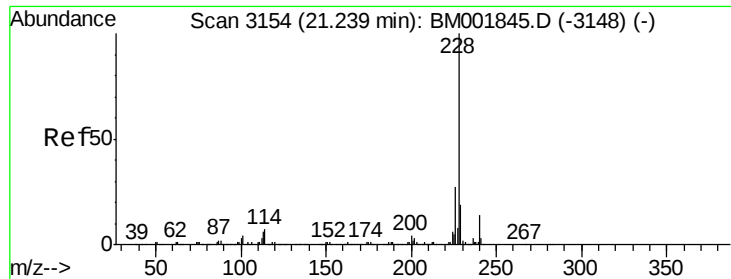
Tgt Ion:	202	Resp:	1299539
Ion Ratio	Lower	Upper	
202	100		
101	8.5	6.9	10.3
100	7.1	6.2	9.2

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: 31.36 ng/ul

RT: 21.25 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BM001872.D

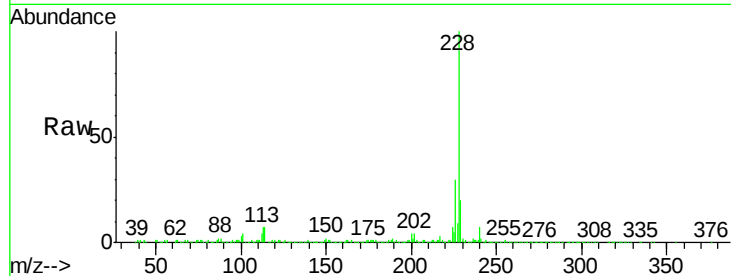
Acq: 07 Jul 2015 20:21

Instrument :

BNA_M

ClientSampleId :

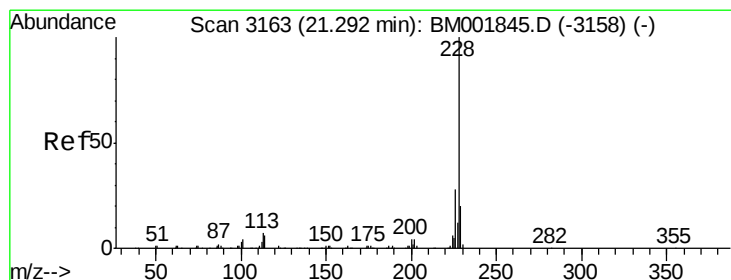
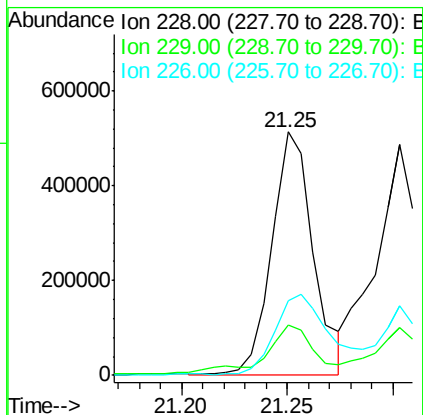
G93K3



Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	30.5	20.6	30.8

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#84

Chrysene

Concen: 31.95 ng/ul

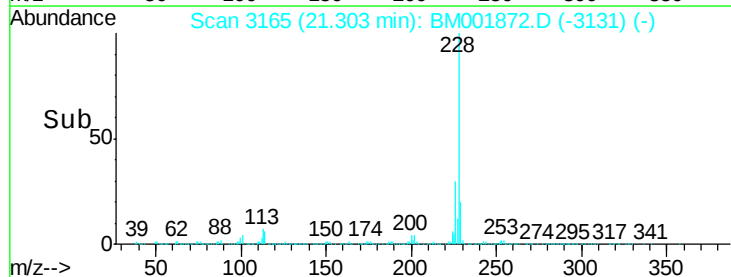
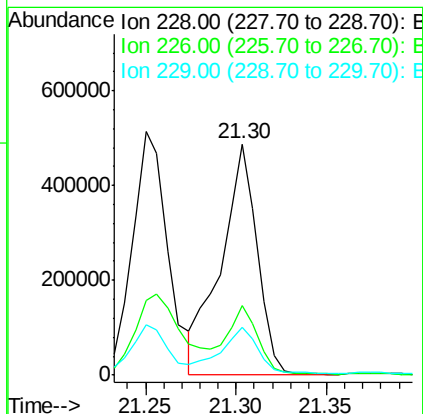
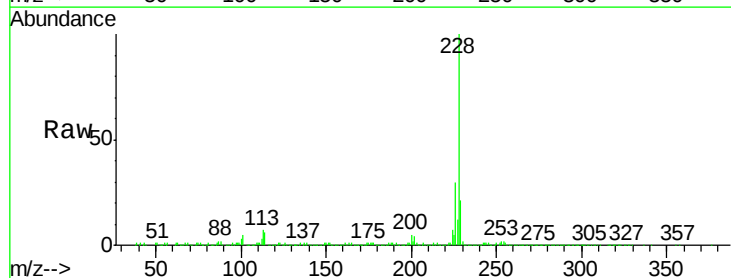
RT: 21.30 min Scan# 3165

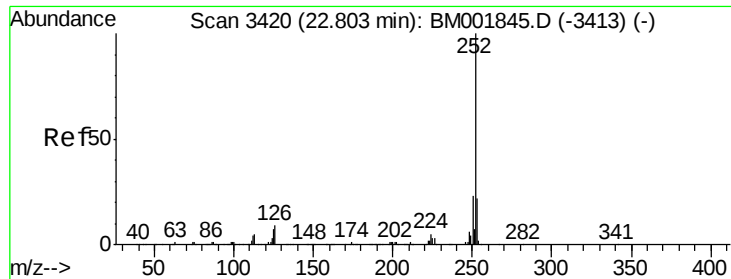
Delta R.T. -0.00 min

Lab File: BM001872.D

Acq: 07 Jul 2015 20:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.0	34.4
229	20.9	15.4	23.2





#87

Benzo(b)fluoranthene

Concen: 50.67 ng/ul

RT: 22.83 min Scan# 3425

Delta R.T. 0.01 min

Lab File: BM001872.D

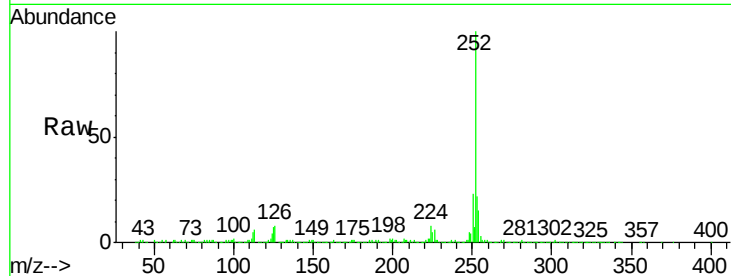
Acq: 07 Jul 2015 20:21

Instrument :

BNA_M

ClientSampleId :

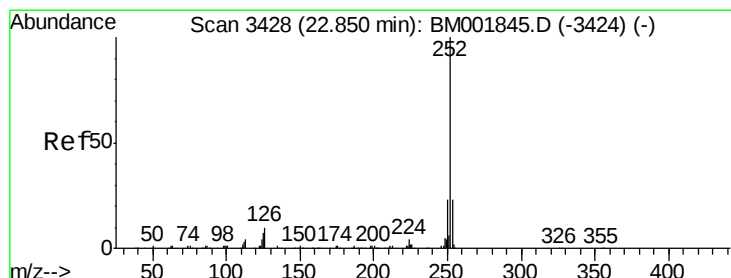
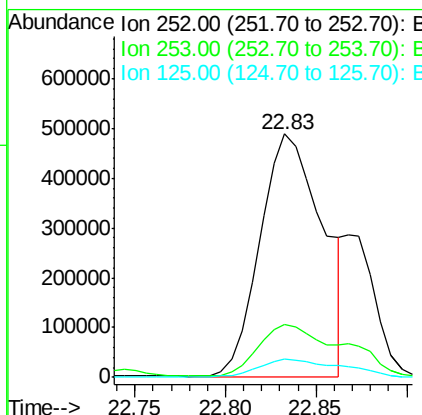
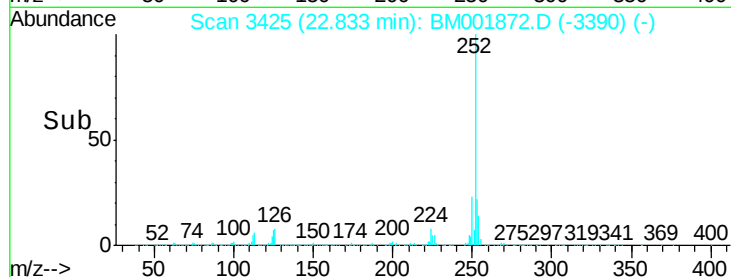
G93K3



Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	7.3	5.3	7.9

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#88

Benzo(k)fluoranthene

Concen: 19.52 ng/ul m

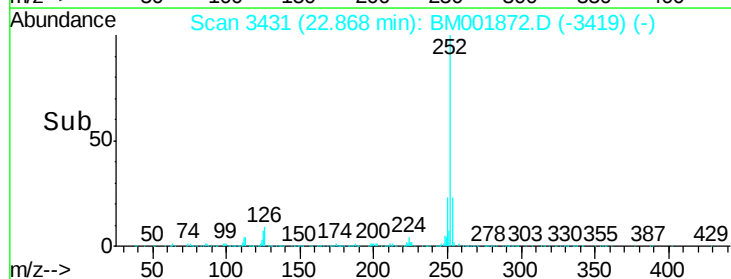
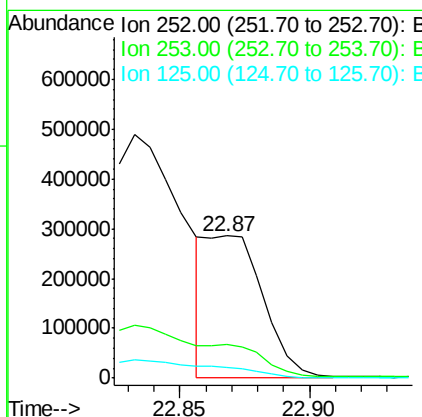
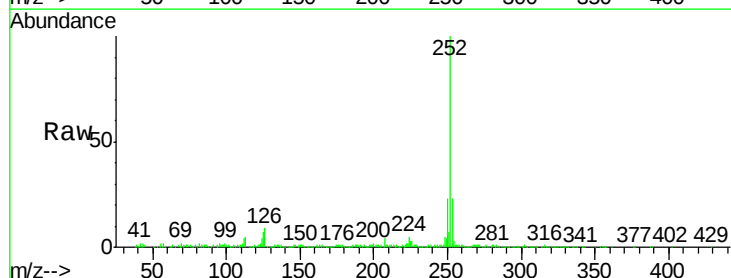
RT: 22.87 min Scan# 3431

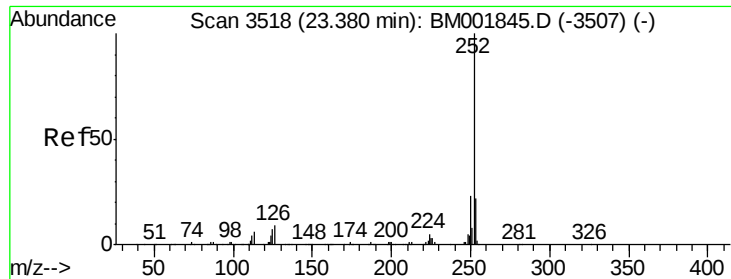
Delta R.T. -0.00 min

Lab File: BM001872.D

Acq: 07 Jul 2015 20:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	7.5	5.3	7.9





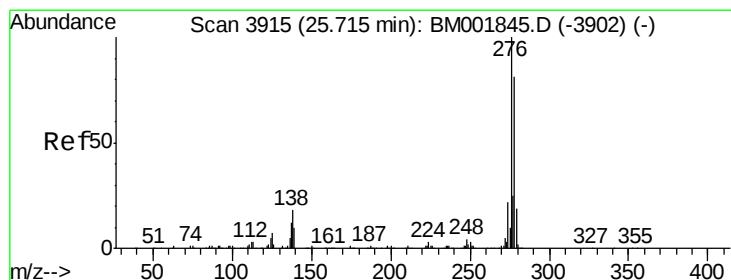
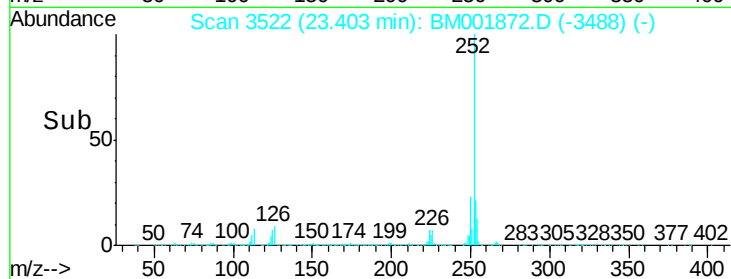
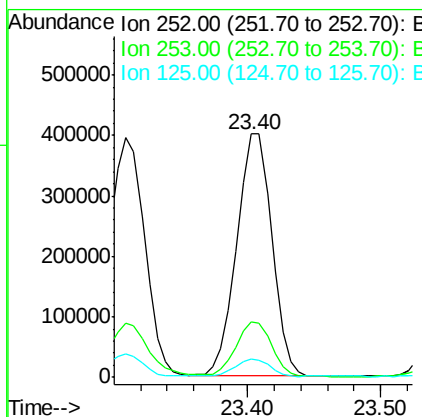
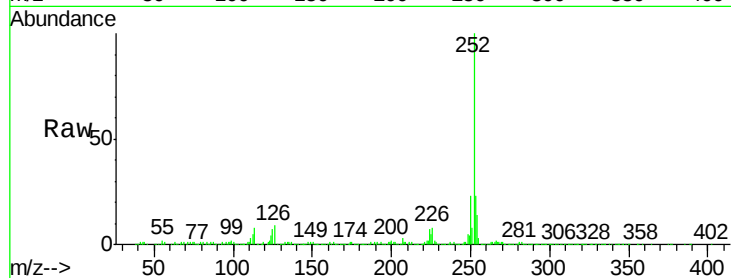
#90
Benzo(a)pyrene
Concen: 32.71 ng/ul
RT: 23.40 min Scan# 3522
Delta R.T. -0.00 min
Lab File: BM001872.D
Acq: 07 Jul 2015 20:21

Instrument :
BNA_M
ClientSampled :
G93K3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	7.3	6.0	9.0

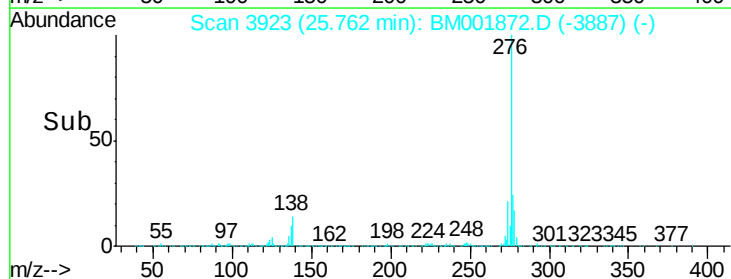
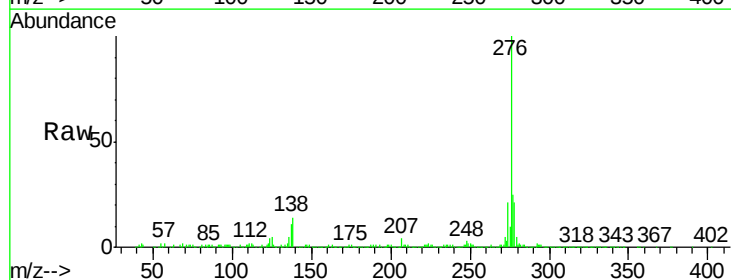
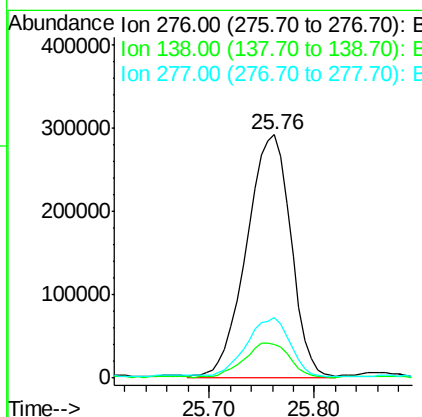
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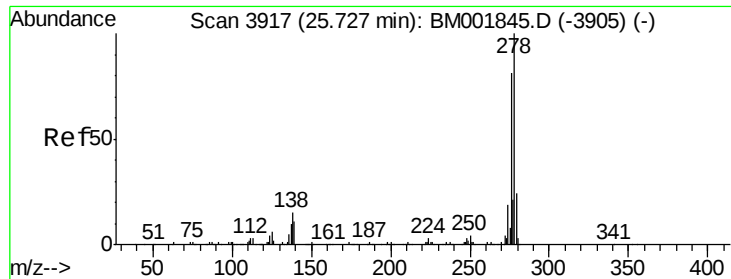
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#91
Indeno(1,2,3-cd)pyrene
Concen: 32.10 ng/ul m
RT: 25.76 min Scan# 3923
Delta R.T. 0.01 min
Lab File: BM001872.D
Acq: 07 Jul 2015 20:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.9	14.7	22.1#
277	24.7	19.7	29.5





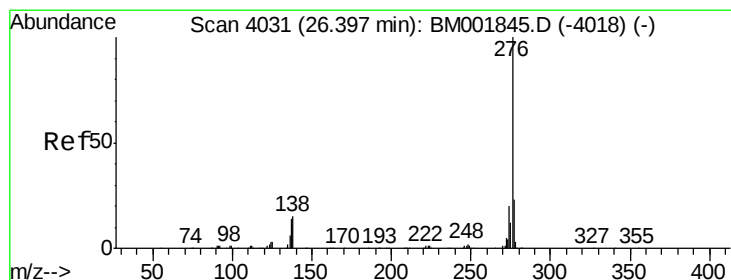
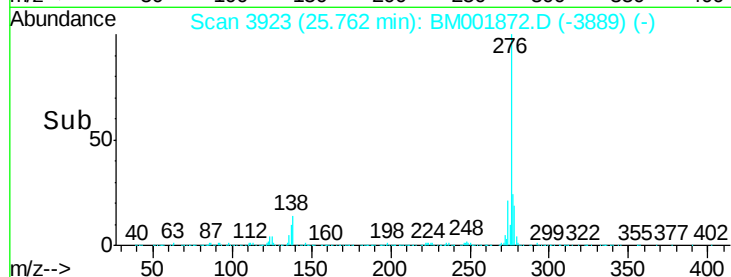
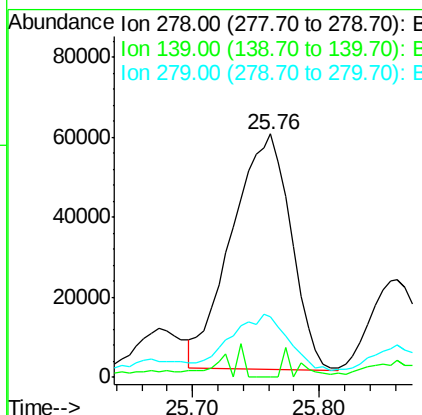
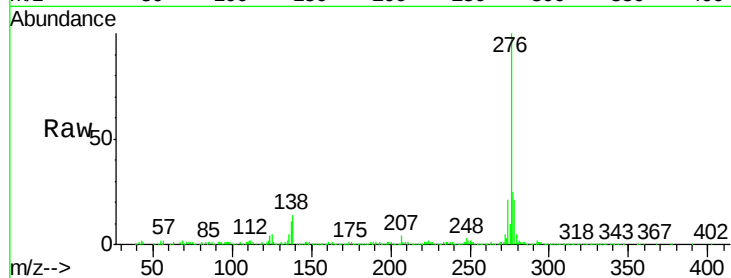
#92
Dibenzo(a,h)anthracene
Concen: 8.47 ng/ul
RT: 25.76 min Scan# 3923
Delta R.T. -0.00 min
Lab File: BM001872.D
Acq: 07 Jul 2015 20:21

Instrument :
BNA_M
ClientSampleId :
G93K3

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.2	13.8#
279	24.7	19.1	28.7

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#93
Benzo(g,h,i)perylene
Concen: 35.98 ng/ul
RT: 26.46 min Scan# 4041
Delta R.T. 0.01 min
Lab File: BM001872.D
Acq: 07 Jul 2015 20:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.1	12.6	19.0
277	24.3	18.7	28.1

