

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
 Data File : BM001875.D
 Acq On : 07 Jul 2015 22:11
 Operator : TP/UM
 Sample : G2861-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G93L4

Manual Integrations
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Quant Time: Jul 08 07:00:07 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	7.67	152	67339	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	236985	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	135174	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	299759	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	368627	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	383846	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	3879	2.75	ng/uL	0.00
5) Phenol-d5	6.83	99	75813	14.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	51651	17.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	66660	16.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	30017	7.23	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	34284	20.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	36151	20.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	62601	16.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	165673	42.41	ng/ul	-0.03
43) Dimethylphthalate-d6	13.74	166	184851	18.44	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	244340	18.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	32635	17.65	ng/ul	0.00
57) Fluorene-d10	15.32	176	178309	19.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	11991m	6.55	ng/ul	0.00
70) Anthracene-d10	17.17	188	262781	18.82	ng/ul	0.00
78) Pyrene-d10	19.47	212	307020	19.66	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	316061	18.68	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.51	128	49426	4.13	ng/ul#	76
34) 2-Methylnaphthalene	12.13	142	16801	1.94	ng/ul	93
44) Dimethylphthalate	13.79	163	42769	3.90	ng/ul#	96
49) Acenaphthene	14.39	153	87020	9.72	ng/ul	95
58) Fluorene	15.38	166	111126	10.41	ng/ul#	95
69) Phenanthrene	17.12	178	462452	28.45	ng/ul	96
76) Fluoranthene	19.14	202	167632	8.62	ng/ul	98
79) Pyrene	19.50	202	259284	12.68	ng/ul	98
82) Benzo(a)anthracene	21.25	228	114165	5.30	ng/ul#	92
84) Chrysene	21.30	228	112607	5.52	ng/ul#	91
87) Benzo(b)fluoranthene	22.82	252	189092	8.46	ng/ul#	97
88) Benzo(k)fluoranthene	22.86	252	70566m	3.27	ng/ul	
90) Benzo(a)pyrene	23.40	252	186860	8.60	ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.74	276	178877	6.94	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.74	278	39106	1.80	ng/ul#	80
93) Benzo(g,h,i)perylene	26.44	276	168789	7.79	ng/ul	97

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

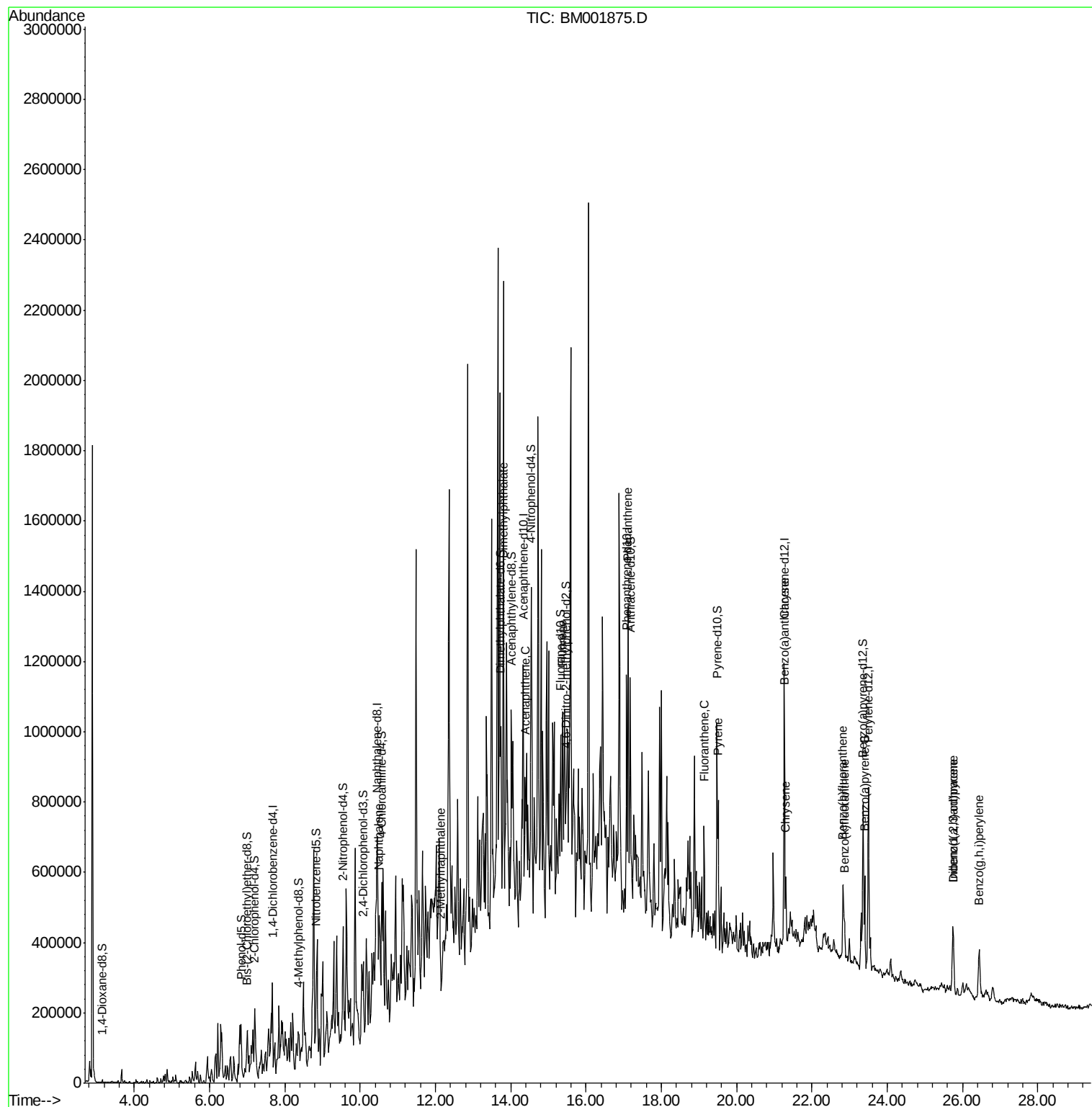
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070615\
Data File : BM001875.D
Acq On : 07 Jul 2015 22:11
Operator : TP/UM
Sample : G2861-10
Misc :
ALS Vial : 43 Sample Multiplier: 1

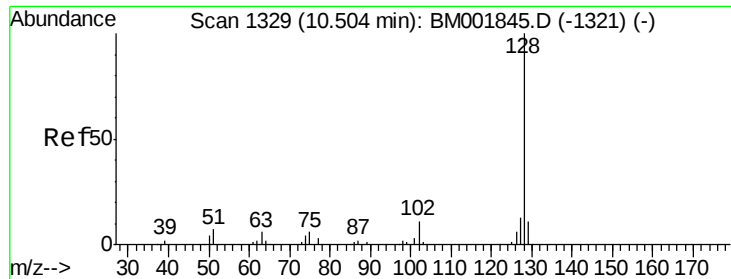
Instrument :
BNA_M
ClientSampleId :
G93L4

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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





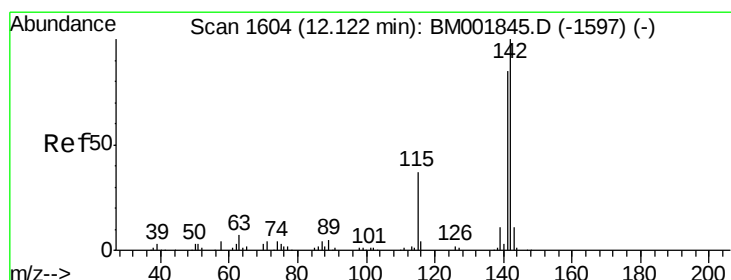
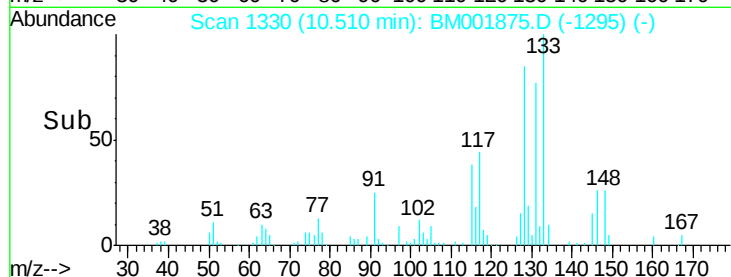
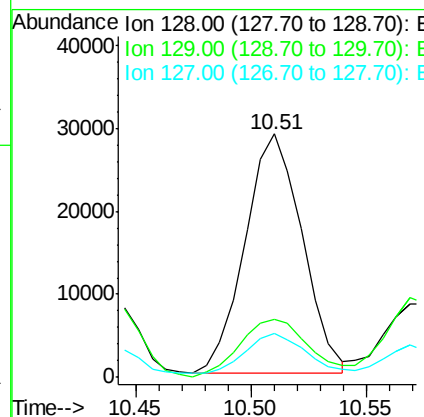
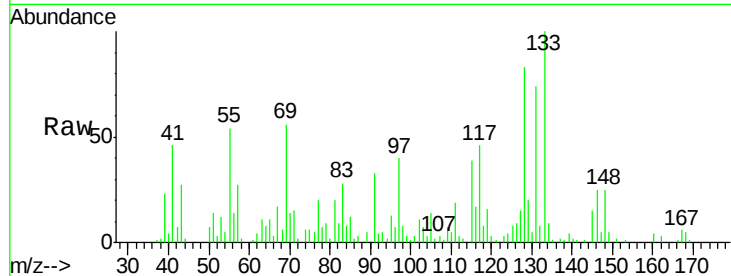
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Naphthalene
Concen: 4.13 ng/ul
RT: 10.51 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BM001875.D
Acq: 07 Jul 2015 22:11

Instrument :
BNA_M
ClientSampleId :
G93L4

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	49426		
129	24.0	8.7	13.1#	
127	18.3	10.0	15.0#	

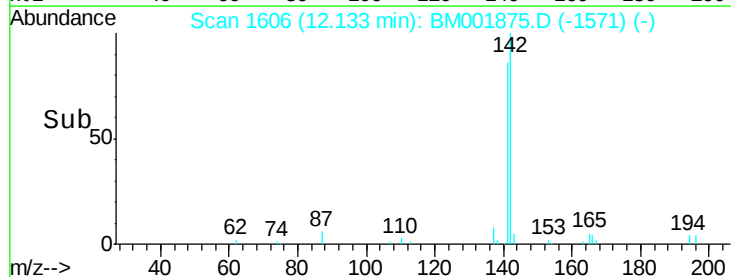
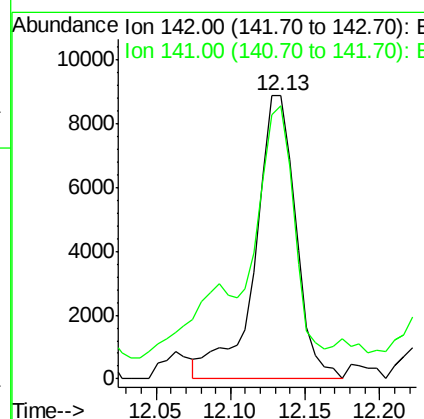
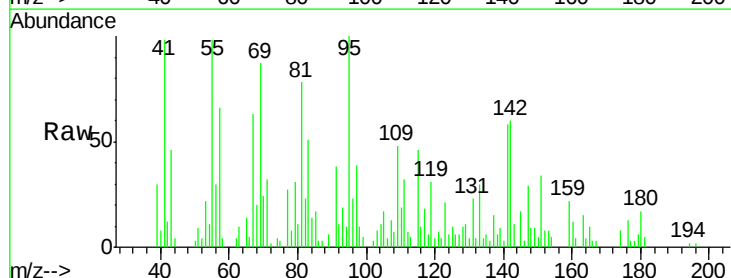
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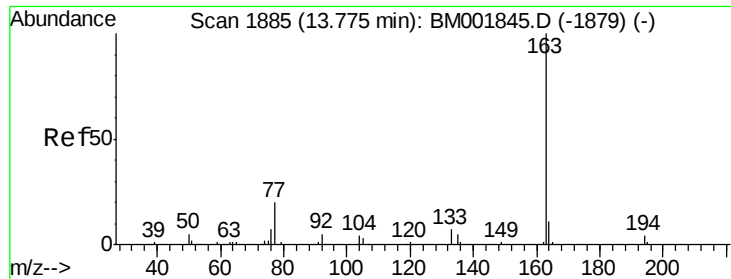
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#34
2-Methylnaphthalene
Concen: 1.94 ng/ul
RT: 12.13 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BM001875.D
Acq: 07 Jul 2015 22:11

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	16801		
141	96.5	71.6	107.4	





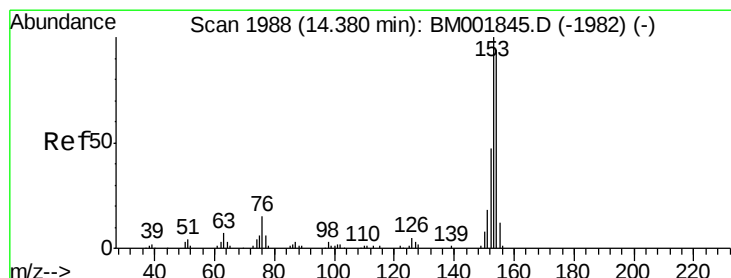
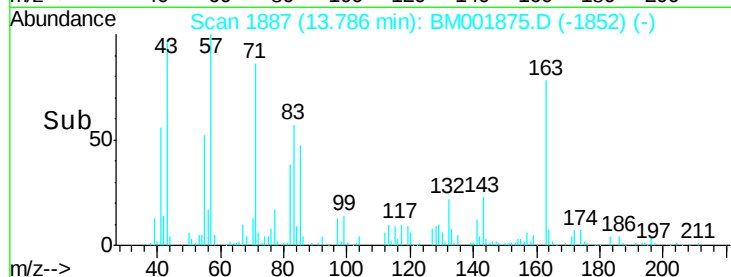
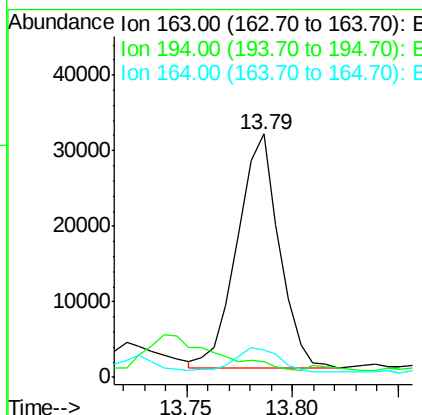
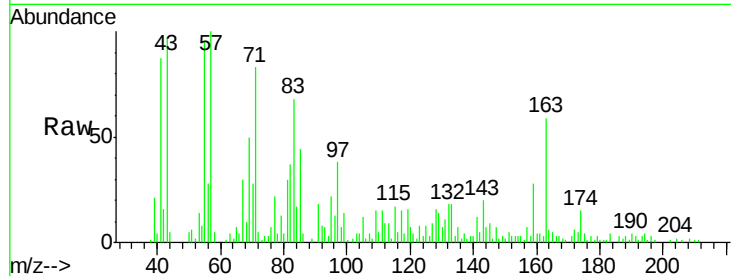
#44
Dimethylphthalate
Concen: 3.90 ng/ul
RT: 13.79 min Scan# 1887
Delta R.T. 0.01 min
Lab File: BM001875.D
Acq: 07 Jul 2015 22:11

Instrument :
BNA_M
ClientSampleId :
G93L4

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.3	3.6	5.4#
164	11.0	8.0	12.0

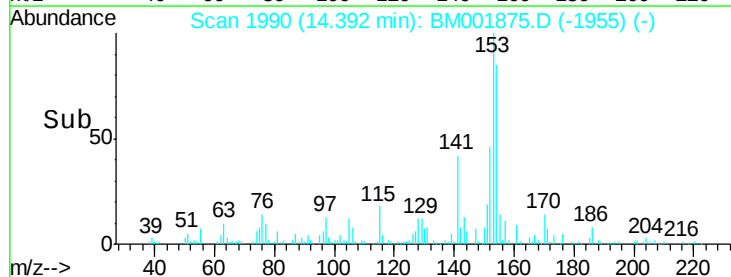
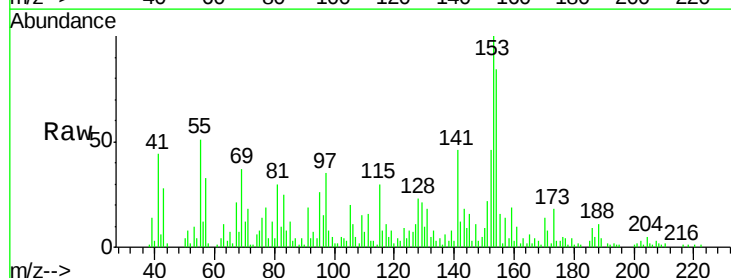
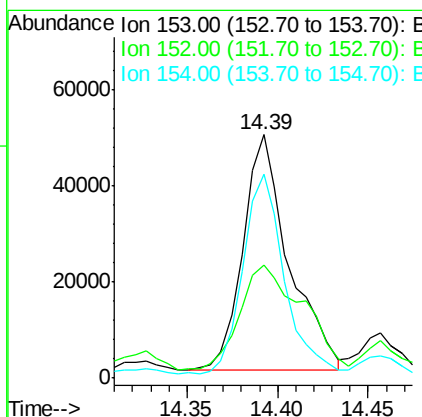
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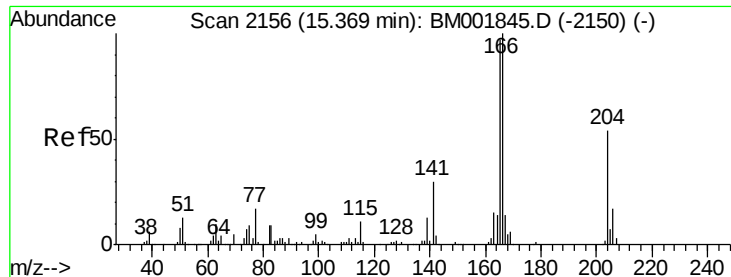
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#49
Acenaphthene
Concen: 9.72 ng/ul
RT: 14.39 min Scan# 1990
Delta R.T. 0.01 min
Lab File: BM001875.D
Acq: 07 Jul 2015 22:11

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.5	36.6	55.0
154	84.0	72.6	108.8





#58

Fluorene

Concen: 10.41 ng/ul

RT: 15.38 min Scan# 2158

Delta R.T. 0.01 min

Lab File: BM001875.D

Acq: 07 Jul 2015 22:11

Instrument :

BNA_M

ClientSampled :

G93L4

Tgt Ion:166 Resp: 111126
Ion Ratio Lower Upper

166 100

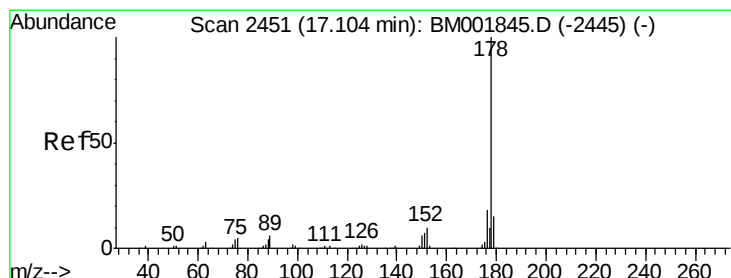
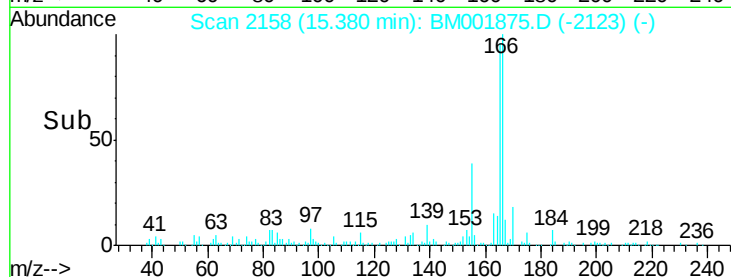
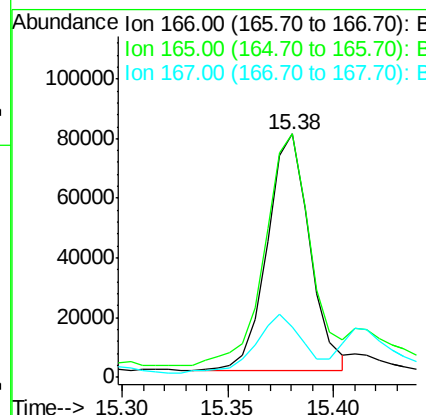
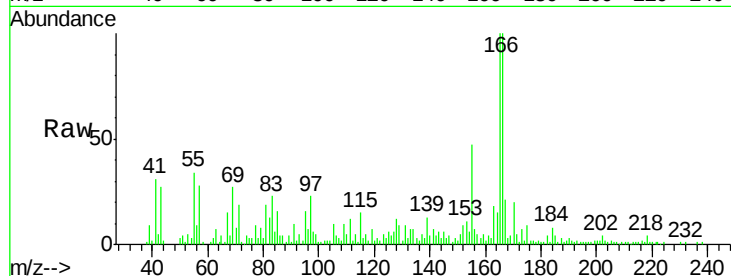
165 99.9 77.4 116.2

167 20.5 11.3 16.9#

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#69

Phenanthrene

Concen: 28.45 ng/ul

RT: 17.12 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BM001875.D

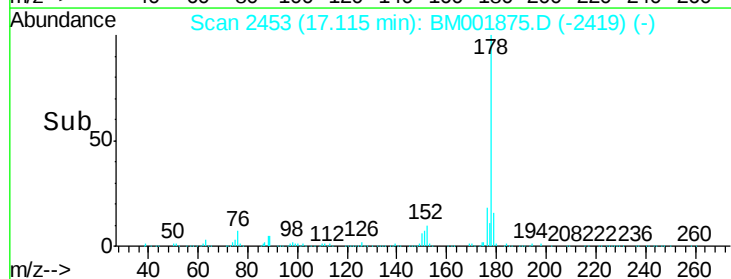
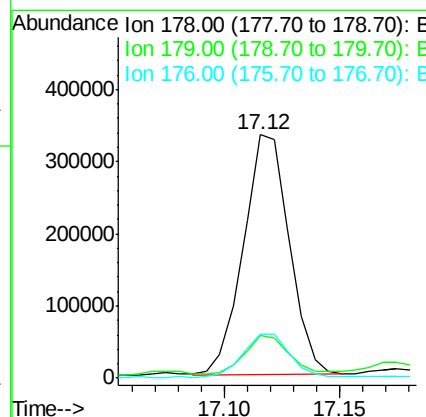
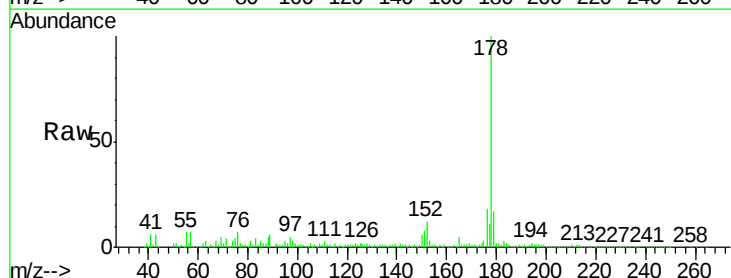
Acq: 07 Jul 2015 22:11

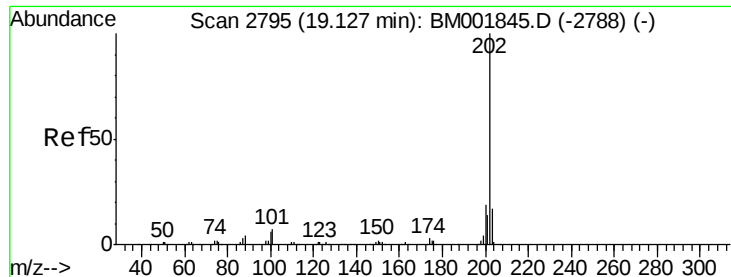
Tgt Ion:178 Resp: 462452
Ion Ratio Lower Upper

178 100

179 17.3 11.9 17.9

176 18.0 15.2 22.8





#76

Fluoranthene

Concen: 8.62 ng/ul

RT: 19.14 min Scan# 2797

Delta R.T. 0.01 min

Lab File: BM001875.D

Acq: 07 Jul 2015 22:11

Instrument :

BNA_M

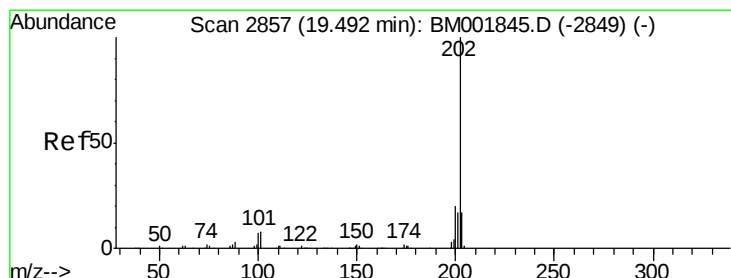
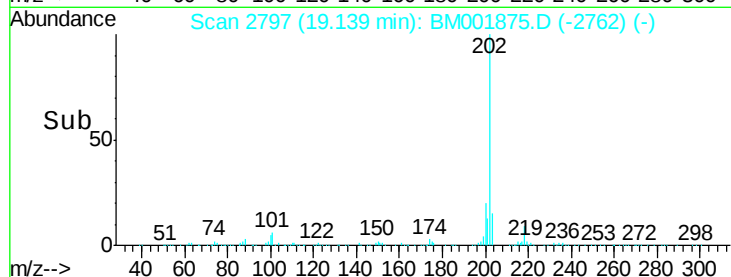
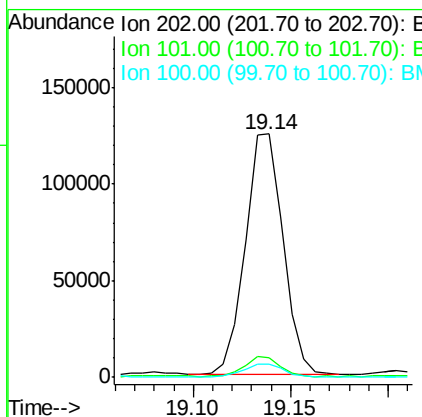
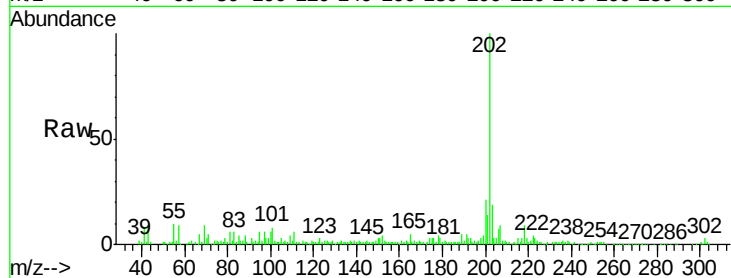
ClientSampleId :

G93L4

Tgt Ion:	202	Resp:	167632
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.1	9.1
100	5.7	4.8	7.2

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#79

Pyrene

Concen: 12.68 ng/ul

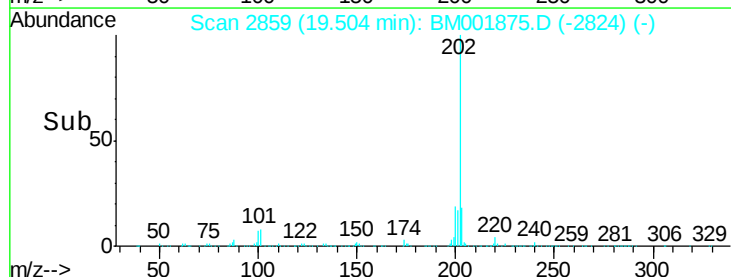
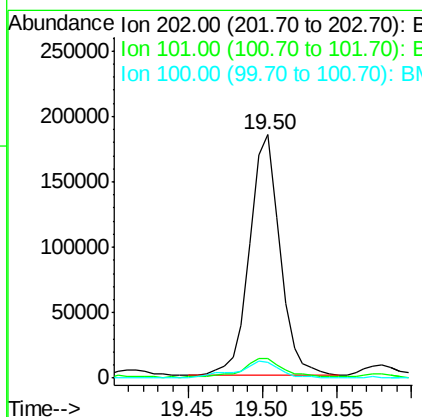
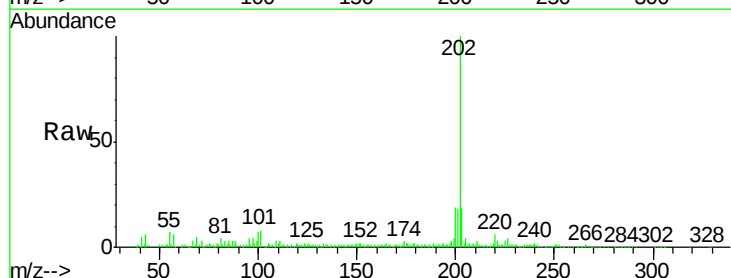
RT: 19.50 min Scan# 2859

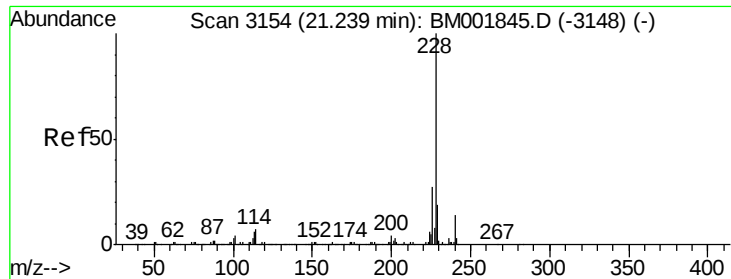
Delta R.T. 0.01 min

Lab File: BM001875.D

Acq: 07 Jul 2015 22:11

Tgt Ion:	202	Resp:	259284
Ion Ratio	Lower	Upper	
202	100		
101	8.3	6.9	10.3
100	6.6	6.2	9.2





#82

Benzo(a)anthracene

Concen: 5.30 ng/ul

RT: 21.25 min Scan# 3156

Delta R.T. 0.00 min

Lab File: BM001875.D

Acq: 07 Jul 2015 22:11

Instrument :

BNA_M

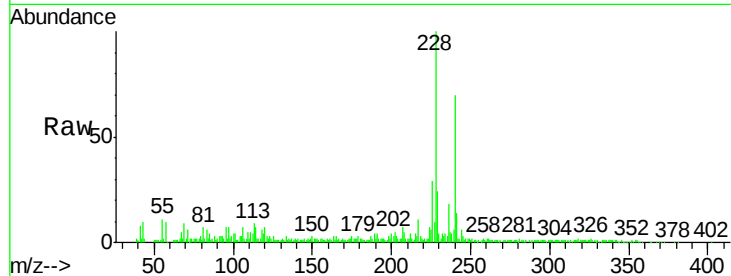
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G93L4

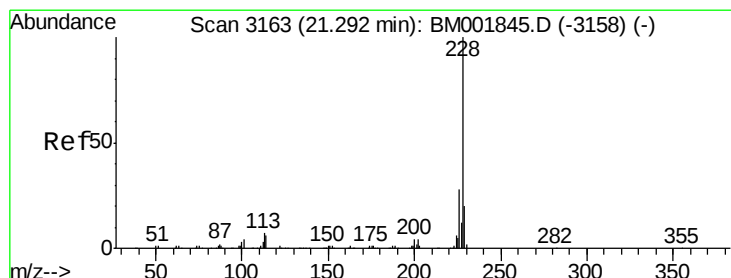
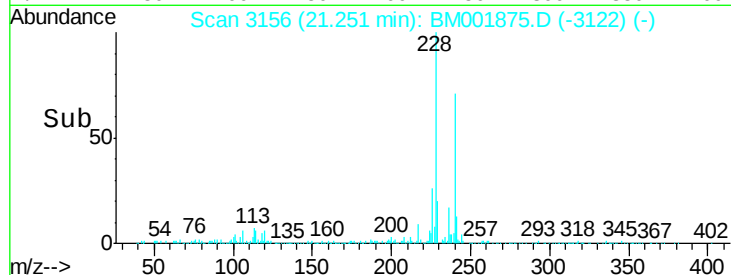
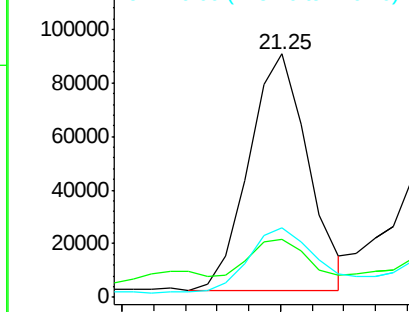
Tgt	Ion:228	Resp:	114165
Ion	Ratio	Lower	Upper
228	100		
229	24.1	15.4	23.0#
226	28.5	20.6	30.8

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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: 5.52 ng/ul

RT: 21.30 min Scan# 3165

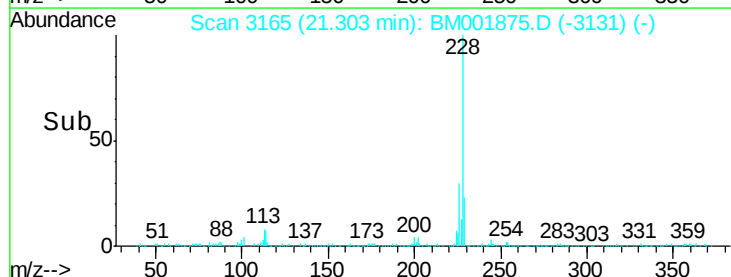
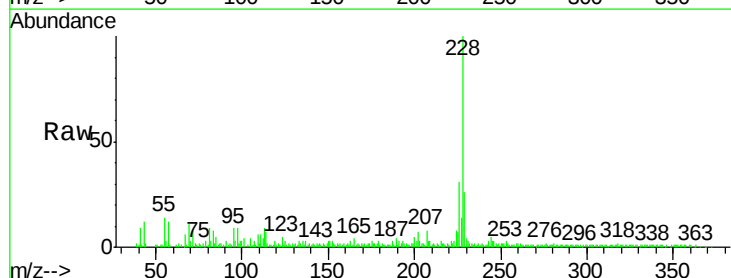
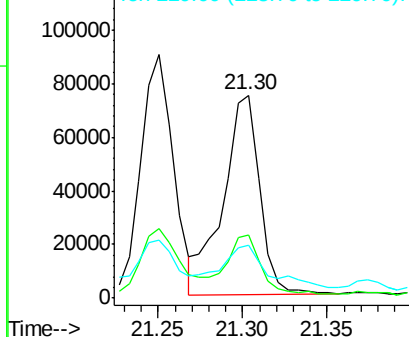
Delta R.T. 0.00 min

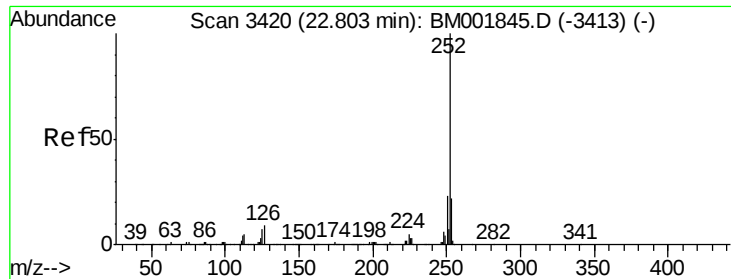
Lab File: BM001875.D

Acq: 07 Jul 2015 22:11

Tgt	Ion:228	Resp:	112607
Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.0	34.4
229	26.3	15.4	23.2#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





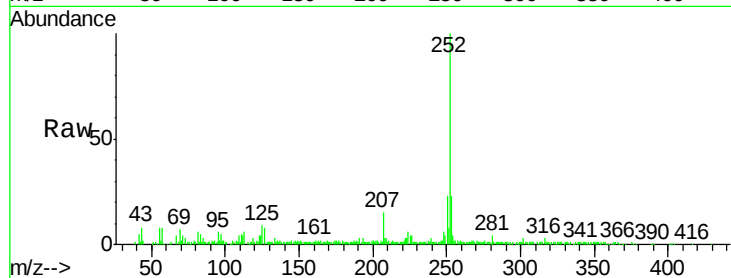
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Benzo(b)fluoranthene
Concen: 8.46 ng/ul
RT: 22.82 min Scan# 3423
Delta R.T. -0.01 min
Lab File: BM001875.D
Acq: 07 Jul 2015 22:11

Instrument :
BNA_M
ClientSampleId :
G93L4

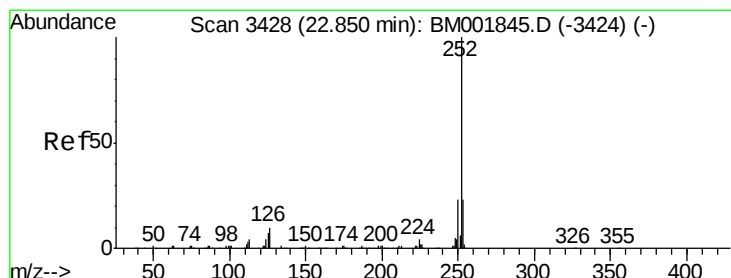
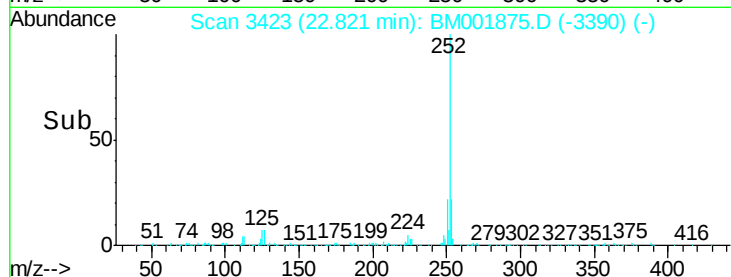
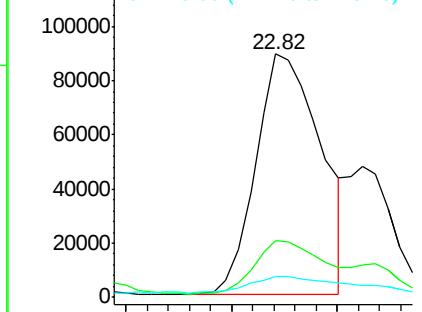
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.1	17.8	26.6
125	8.8	5.3	7.9#

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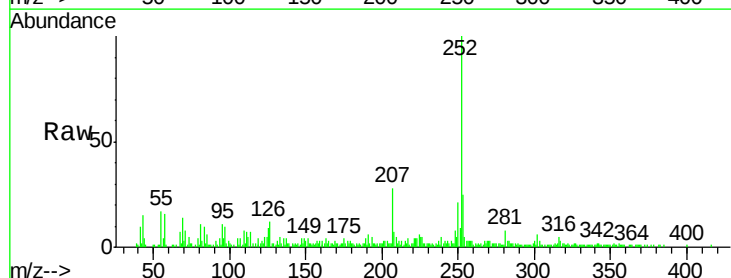


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

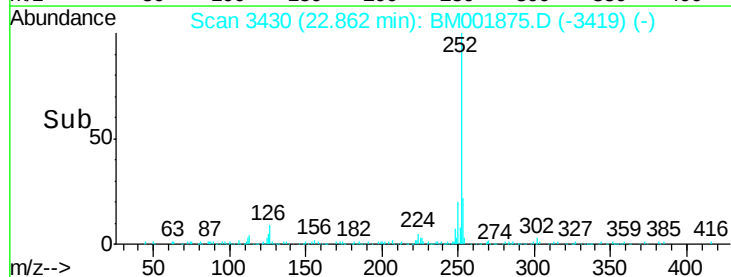
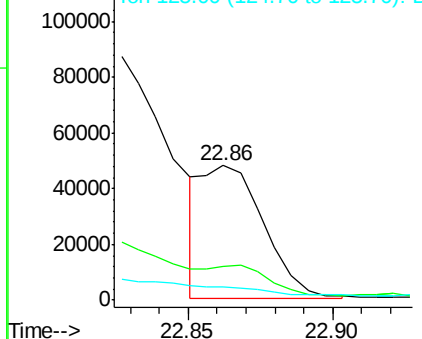


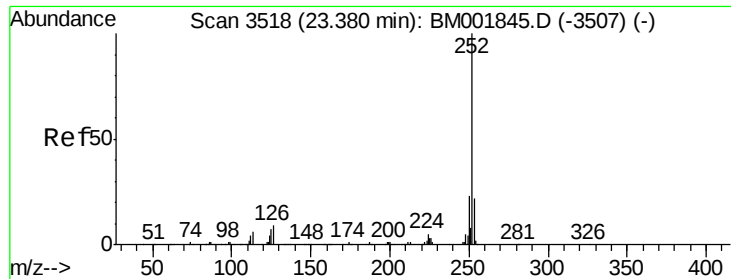
#88
Benzo(k)fluoranthene
Concen: 3.27 ng/ul m
RT: 22.86 min Scan# 3430
Delta R.T. -0.01 min
Lab File: BM001875.D
Acq: 07 Jul 2015 22:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.6	17.1	25.7
125	9.4	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





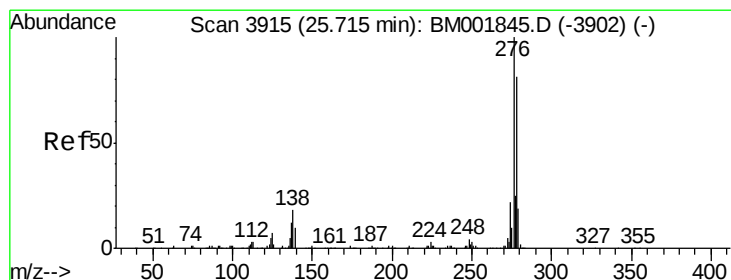
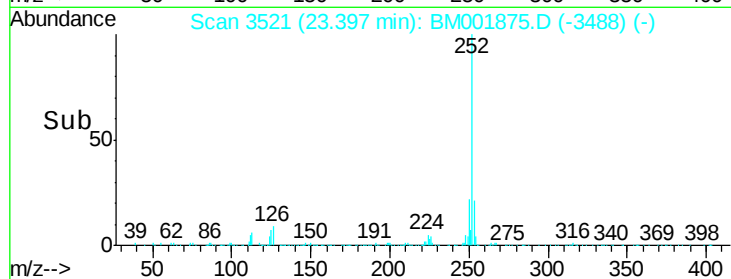
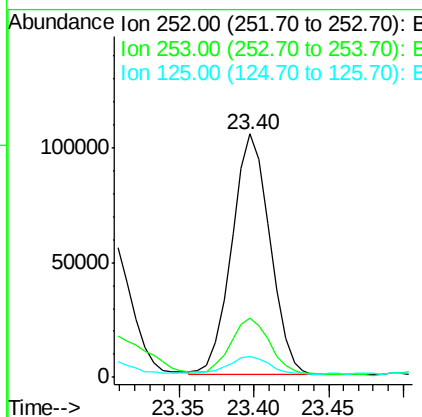
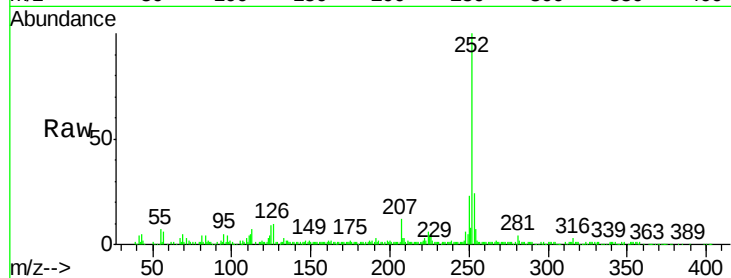
#90
Benzo(a)pyrene
Concen: 8.60 ng/ul
RT: 23.40 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BM001875.D
Acq: 07 Jul 2015 22:11

Instrument :
BNA_M
ClientSampleId :
G93L4

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.5	17.4	26.0
125	8.8	6.0	9.0

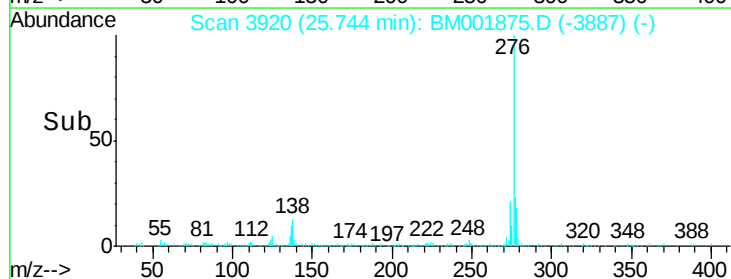
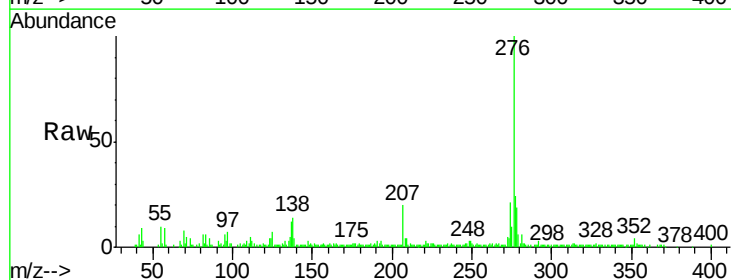
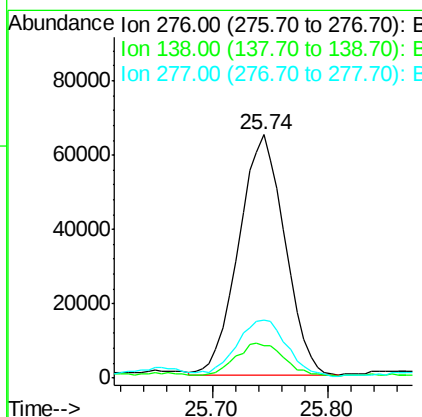
Manual Integrations
APPROVED

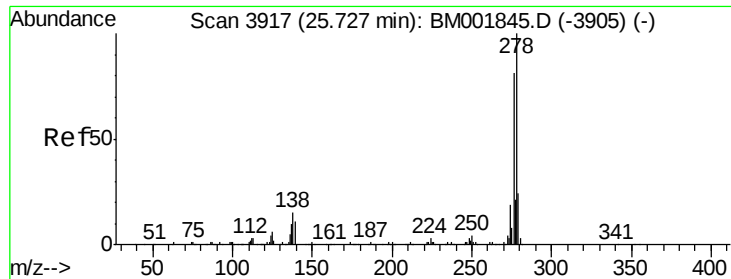
apatel
7/8/2015 4:26:00 PM



#91
Indeno(1,2,3-cd)pyrene
Concen: 6.94 ng/ul
RT: 25.74 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BM001875.D
Acq: 07 Jul 2015 22:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	13.5	14.7	22.1#
277	24.0	19.7	29.5





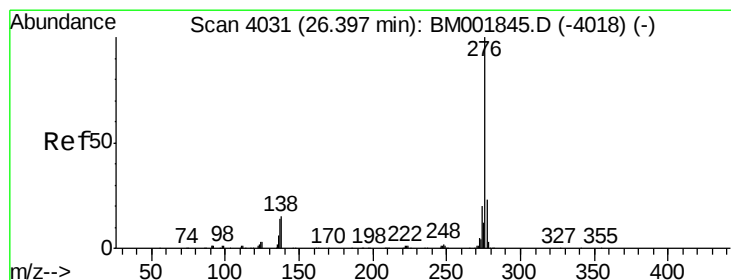
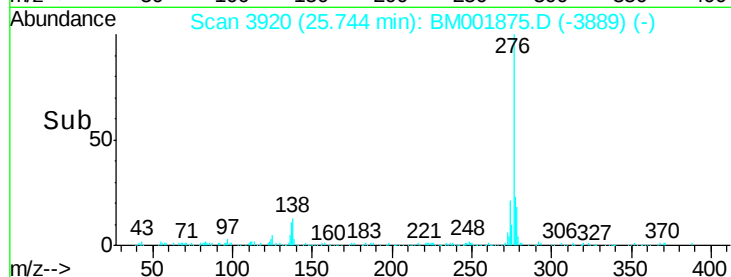
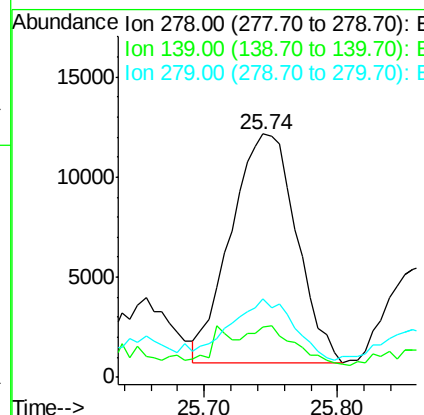
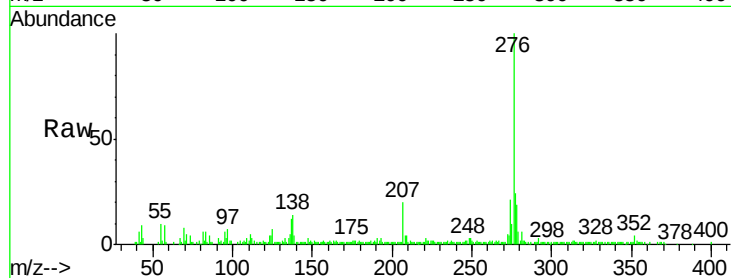
#92
Dibenzo(a,h)anthracene
Concen: 1.80 ng/ul
RT: 25.74 min Scan# 3920
Delta R.T. -0.02 min
Lab File: BM001875.D
Acq: 07 Jul 2015 22:11

Instrument :
BNA_M
ClientSampleId :
G93L4

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	9.2	13.8#
279	32.5	19.1	28.7#

Manual Integrations
APPROVED

apatel
7/8/2015 4:26:00 PM



#93
Benzo(g,h,i)perylene
Concen: 7.79 ng/ul
RT: 26.44 min Scan# 4038
Delta R.T. -0.01 min
Lab File: BM001875.D
Acq: 07 Jul 2015 22:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.6	19.0
277	25.6	18.7	28.1

