

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
 Data File : BM002177.D
 Acq On : 02 Aug 2015 20:03
 Operator : TP
 Sample : G3073-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01N6

Manual Integrations
 APPROVED

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 8/3/2015 4:44:06 PM

Quant Time: Aug 03 02:25:35 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 03 02:05:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	65117	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	290252	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	181216	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	418633	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	458712	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	379204	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	2019	1.60	ng/uL	0.00
5) Phenol-d5	6.74	99	64183	13.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	33229	12.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	52698	13.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	49112	13.27	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	26870	13.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	31067	13.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	59555	13.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	33552	6.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	181496	13.67	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	228069	13.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	19503	8.80	ng/ul	0.00
58) Fluorene-d10	15.22	176	168179	14.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	17753	6.93	ng/ul	0.00
71) Anthracene-d10	17.07	188	258143	13.81	ng/ul	0.00
79) Pyrene-d10	19.39	212	285221	14.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	235923	12.83	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.37	105	7650	1.31	ng/ul	95
45) Dimethylphthalate	13.68	163	91284	6.89	ng/ul	99
48) Acenaphthylene	13.94	152	24368	1.42	ng/ul	99
50) Acenaphthene	14.29	153	11286	1.01	ng/ul	93
70) Phenanthrene	17.02	178	274968	12.68	ng/ul	100
72) Anthracene	17.11	178	85027	3.84	ng/ul	99
75) Carbazole	17.39	167	41682	2.20	ng/ul	99
76) Di-n-butylphthalate	17.94	149	57029	2.53	ng/ul#	96
77) Fluoranthene	19.04	202	992617	39.65	ng/ul	99
80) Pyrene	19.42	202	875156	35.06	ng/ul	99
81) Butylbenzylphthalate	20.32	149	45227	4.74	ng/ul	95
83) Benzo(a)anthracene	21.17	228	457576	17.99	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.10	149	272566	18.67	ng/ul	99
85) Chrysene	21.22	228	433750	18.23	ng/ul	97
88) Benzo(b)fluoranthene	22.73	252	526100	24.69	ng/ul#	95
89) Benzo(k)fluoranthene	22.76	252	166591m	8.10	ng/ul	
91) Benzo(a)pyrene	23.29	252	297423	14.46	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.57	276	199036	8.40	ng/ul	96
93) Dibenzo(a,h)anthracene	25.57	278	54393	2.68	ng/ul#	88
94) Benzo(g,h,i)perylene	26.25	276	181906	9.16	ng/ul	96

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

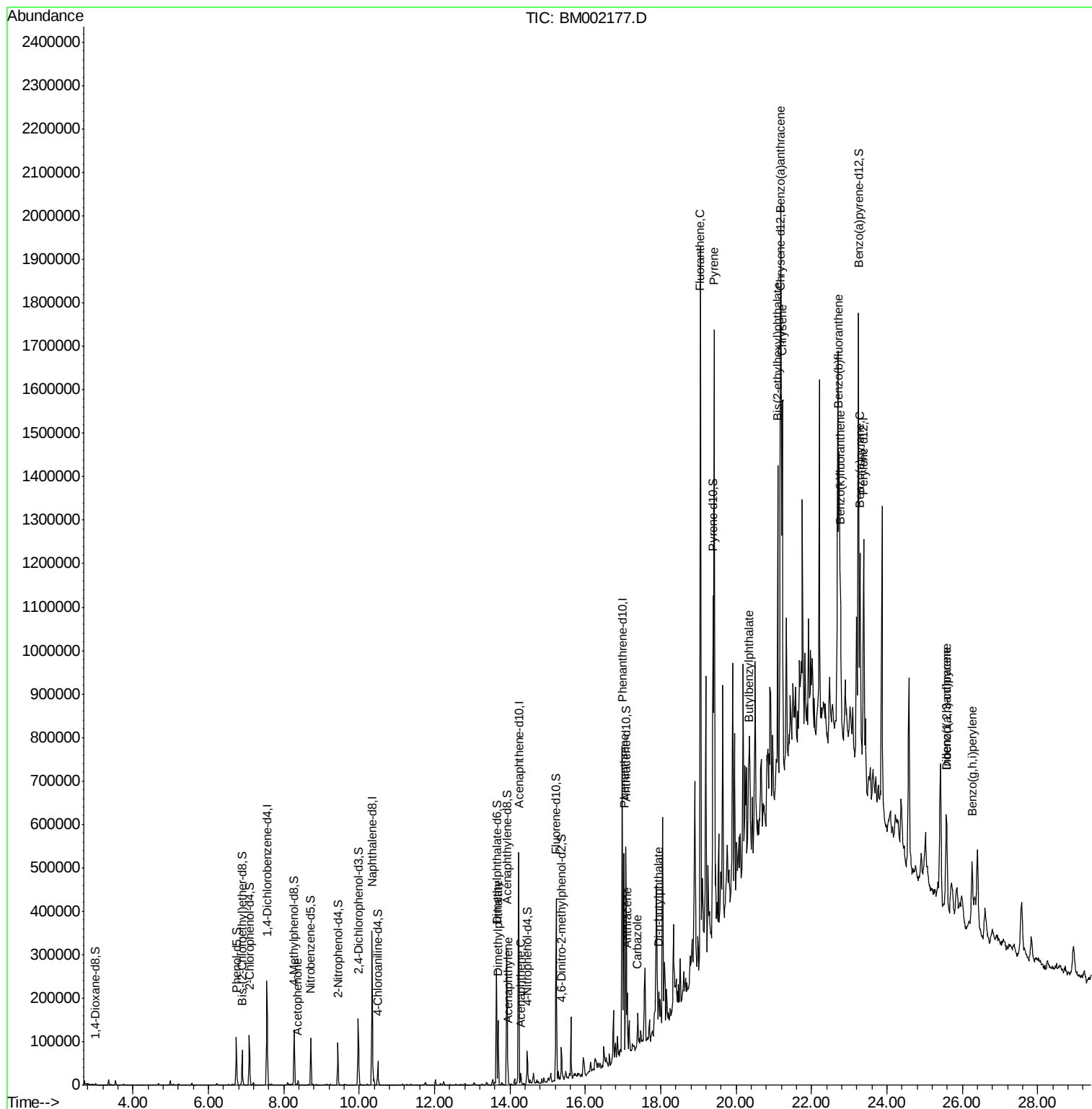
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080215\
Data File : BM002177.D
Acq On : 02 Aug 2015 20:03
Operator : TP
Sample : G3073-06
Misc :
ALS Vial : 15 Sample Multiplier: 1

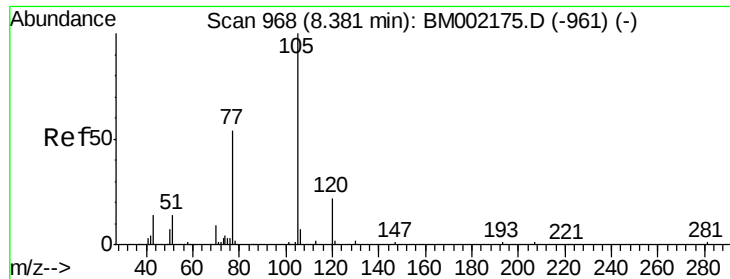
Instrument :
BNA_M
ClientSampleId :
C01N6

Quant Time: Aug 03 02:25:35 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 02:05:53 2015
Response via : Initial Calibration

Manual Integrations
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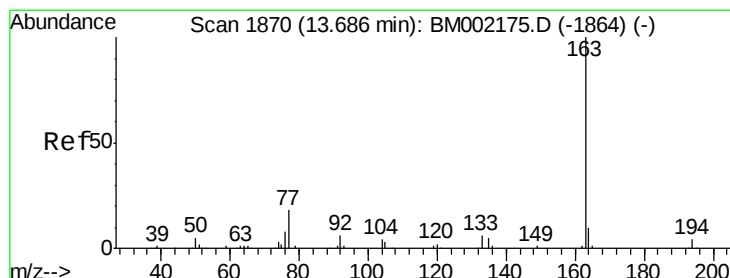
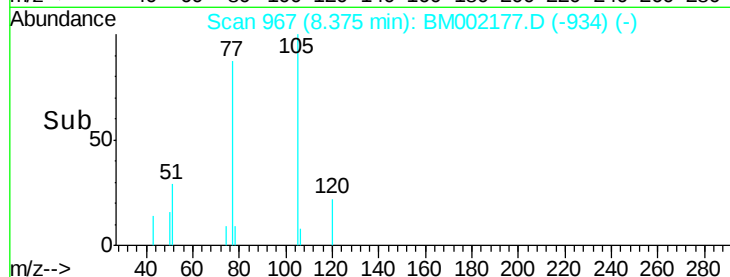
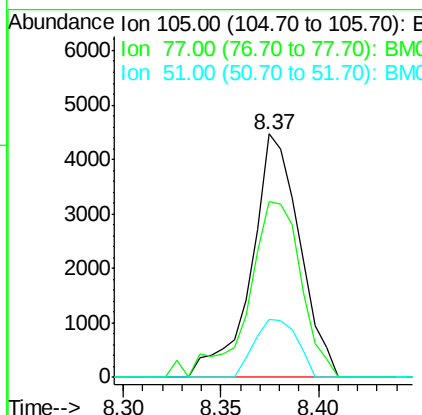
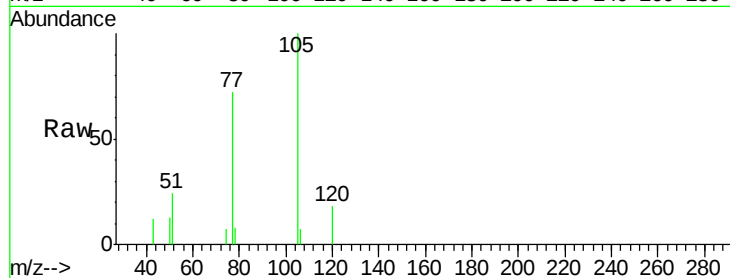
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Acetophenone
Concen: 1.31 ng/ul
RT: 8.37 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM002177.D
Acq: 02 Aug 2015 20:03

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion:	105	Resp:	7650
Ion Ratio	Lower	Upper	
105	100		
77	72.2	61.8	92.8
51	23.6	18.5	27.7

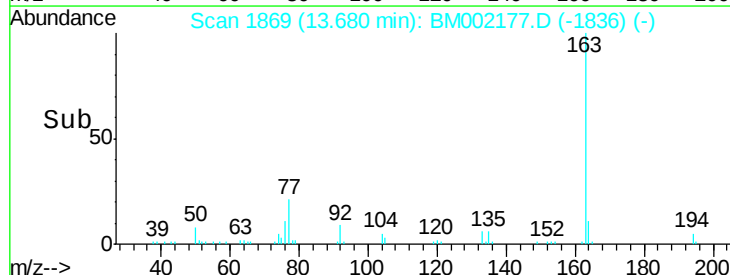
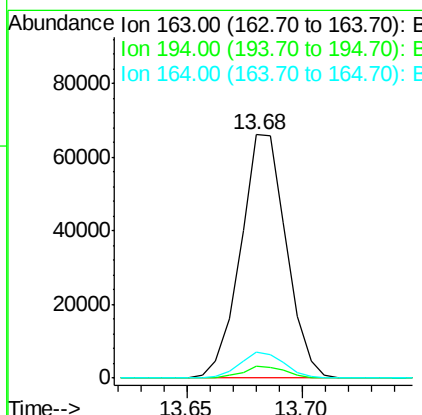
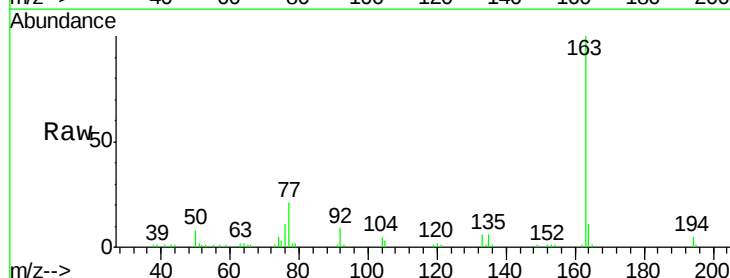
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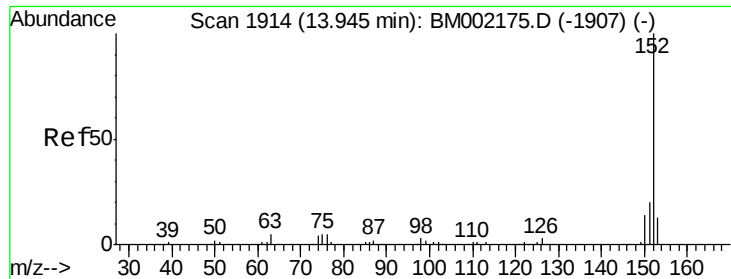
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#45
Dimethylphthalate
Concen: 6.89 ng/ul
RT: 13.68 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BM002177.D
Acq: 02 Aug 2015 20:03

Tgt Ion:	163	Resp:	91284
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.5	5.3
164	10.6	8.0	12.0





#48

Acenaphthylene

Concen: 1.42 ng/ul

RT: 13.94 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BM002177.D

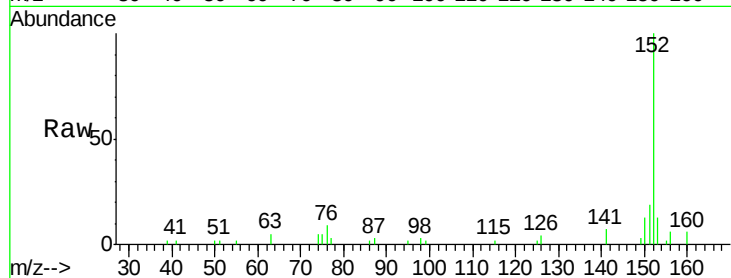
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Instrument :

BNA_M

ClientSampleId :

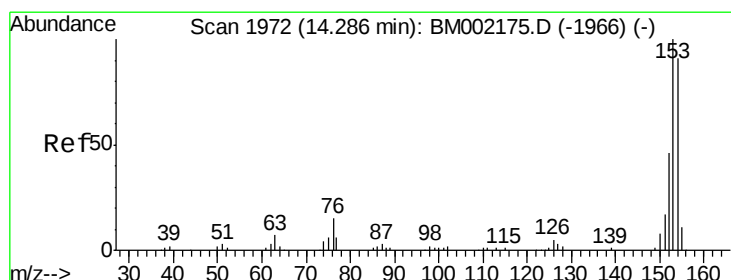
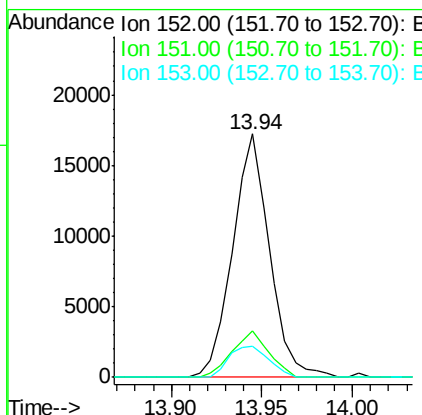
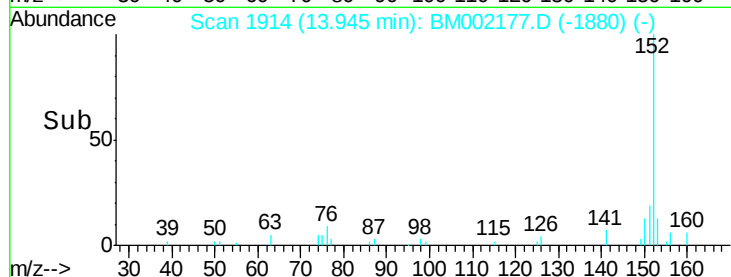
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Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.6	23.4
153	12.9	10.3	15.5

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#50

Acenaphthene

Concen: 1.01 ng/ul

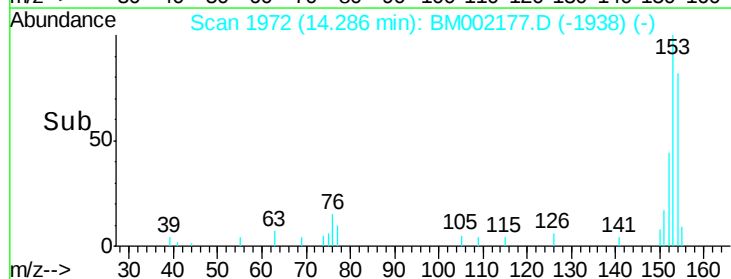
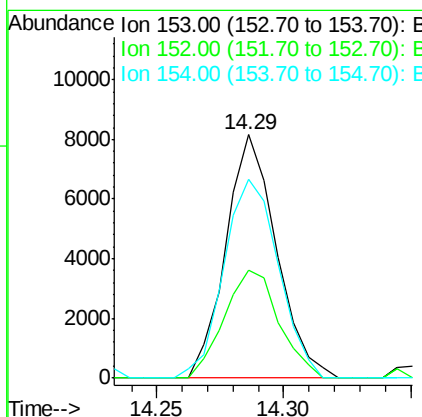
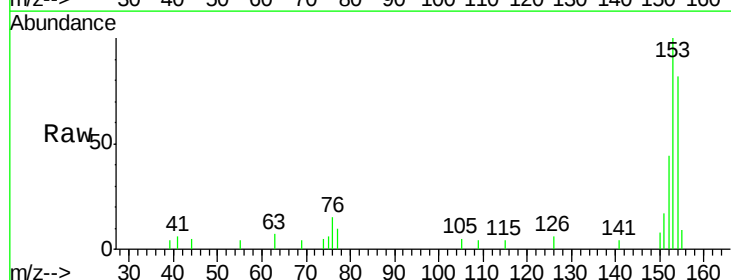
RT: 14.29 min Scan# 1972

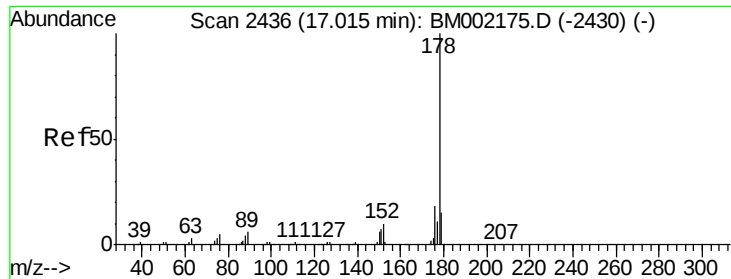
Delta R.T. -0.00 min

Lab File: BM002177.D

Acq: 02 Aug 2015 20:03

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.2	37.3	55.9
154	81.6	71.4	107.2





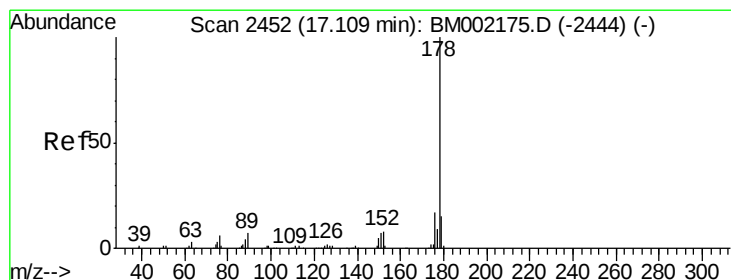
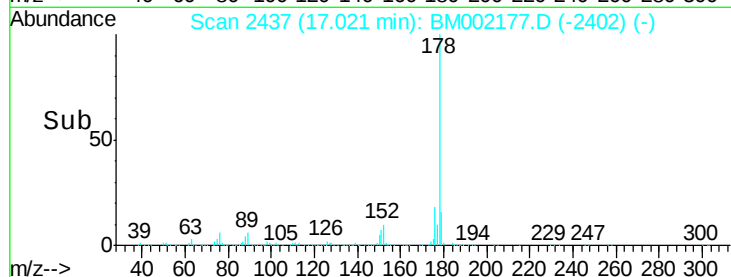
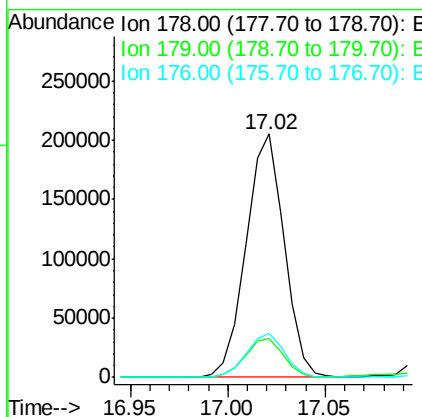
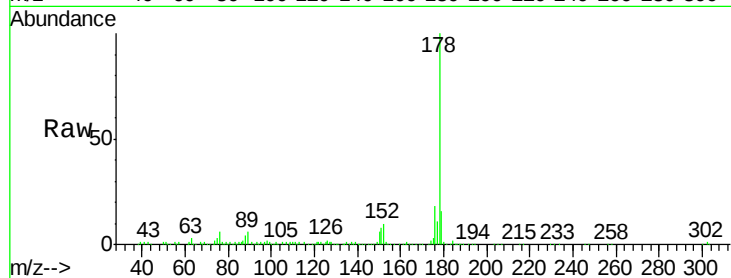
#70
Phenanthrene
Concen: 12.68 ng/ul
RT: 17.02 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BM002177.D
Acq: 02 Aug 2015 20:03

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.5	18.7
176	17.9	14.2	21.4

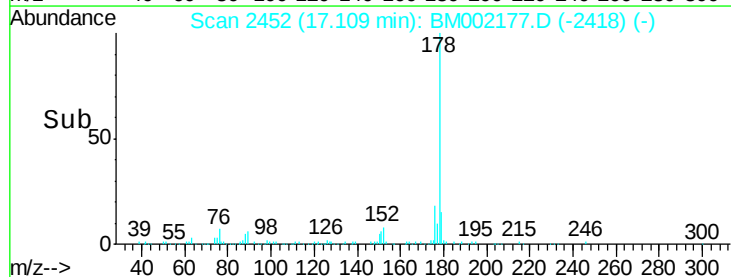
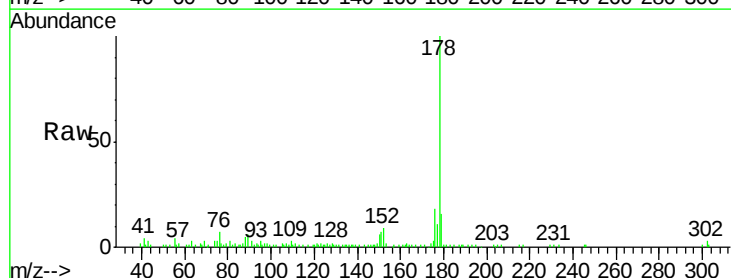
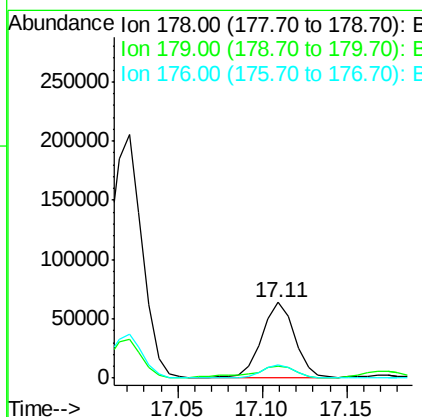
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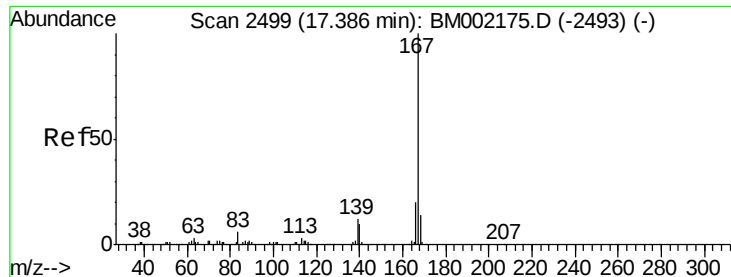
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#72
Anthracene
Concen: 3.84 ng/ul
RT: 17.11 min Scan# 2452
Delta R.T. -0.00 min
Lab File: BM002177.D
Acq: 02 Aug 2015 20:03

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	18.0	14.1	21.1





#75

Carbazole

Concen: 2.20 ng/ul

RT: 17.39 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BM002177.D

Acq: 02 Aug 2015 20:03

Instrument :

BNA_M

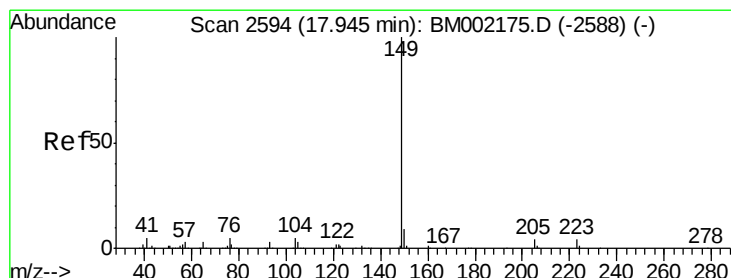
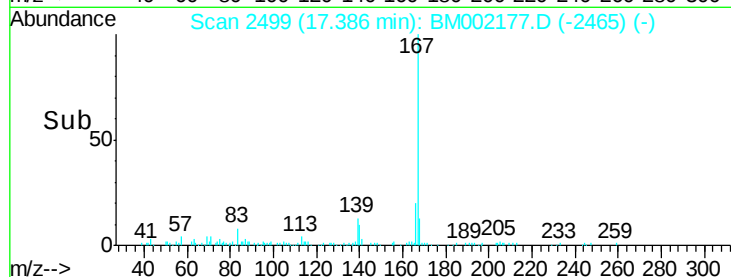
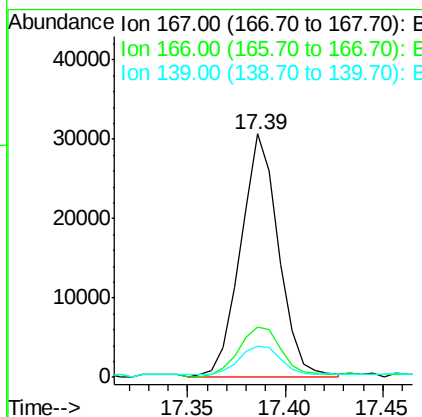
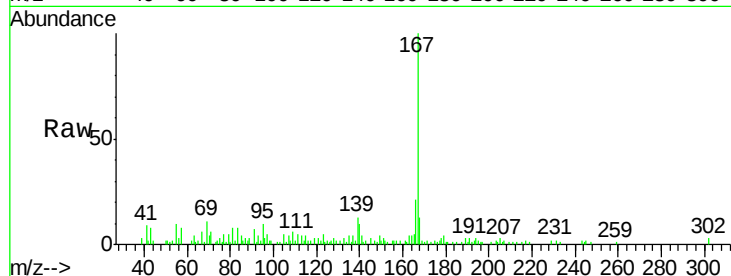
ClientSampleId :

C01N6

Manual Integrations
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Tgt Ion:	167	Resp:	41682
Ion Ratio	Lower	Upper	
167	100		
166	20.5	16.2	24.4
139	12.6	9.6	14.4



#76

Di-n-butylphthalate

Concen: 2.53 ng/ul

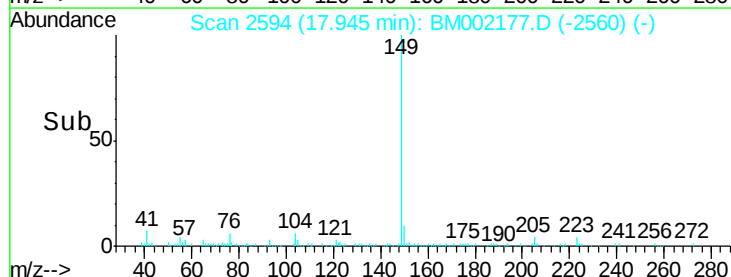
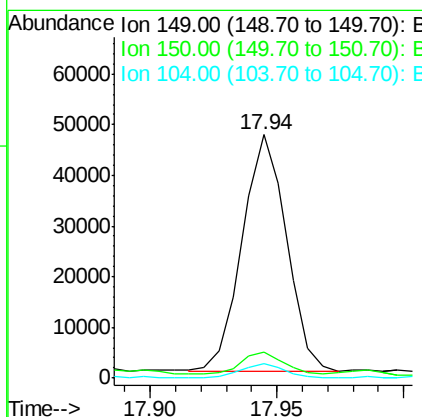
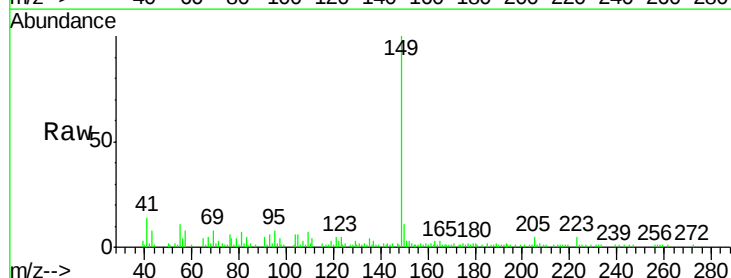
RT: 17.94 min Scan# 2594

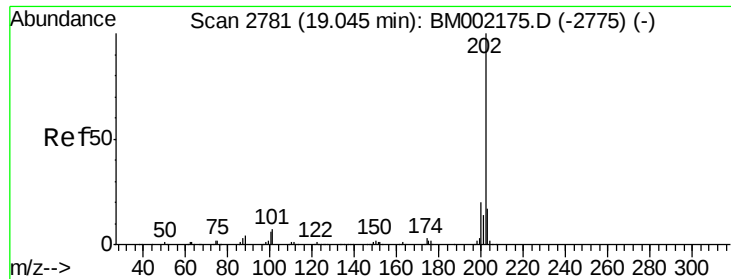
Delta R.T. -0.00 min

Lab File: BM002177.D

Acq: 02 Aug 2015 20:03

Tgt Ion:	149	Resp:	57029
Ion Ratio	Lower	Upper	
149	100		
150	10.6	7.0	10.4#
104	5.8	4.2	6.2





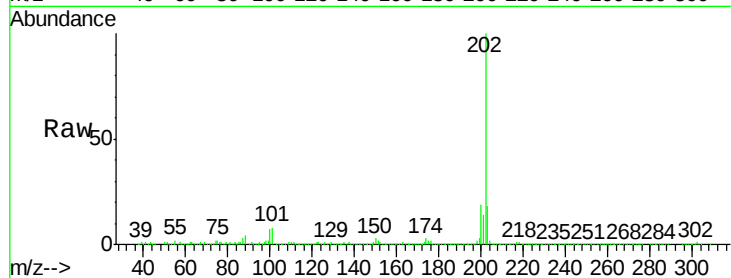
#77
 Fluoranthene
 Concen: 39.65 ng/ul
 RT: 19.04 min Scan# 2781
 Delta R.T. -0.00 min
 Lab File: BM002177.D
 Acq: 02 Aug 2015 20:03

Instrument :
 BNA_M
 ClientSampleId :
 C01N6

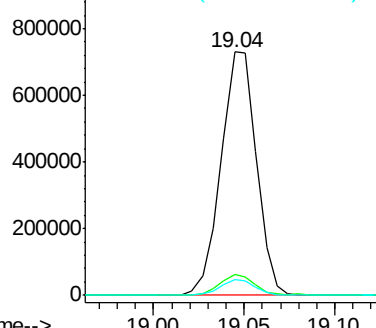
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.4	6.2	9.4
100	6.6	5.2	7.8

Manual Integrations
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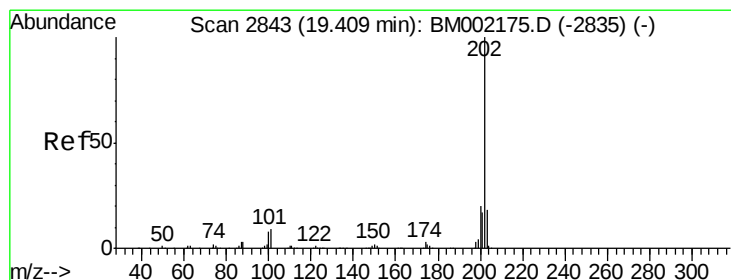
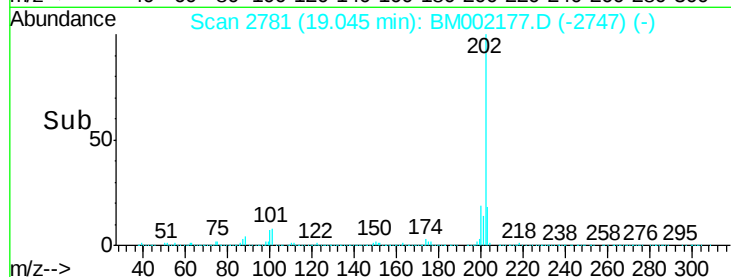
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Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

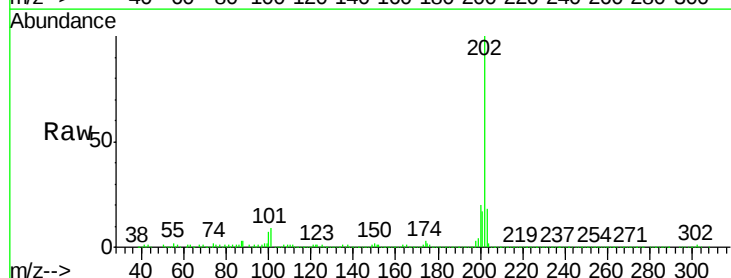


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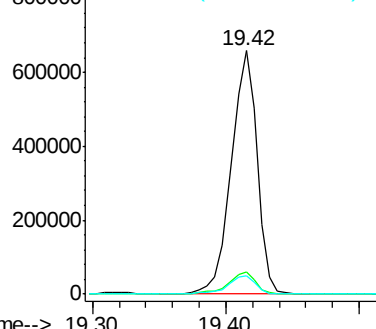


#80
 Pyrene
 Concen: 35.06 ng/ul
 RT: 19.42 min Scan# 2844
 Delta R.T. 0.01 min
 Lab File: BM002177.D
 Acq: 02 Aug 2015 20:03

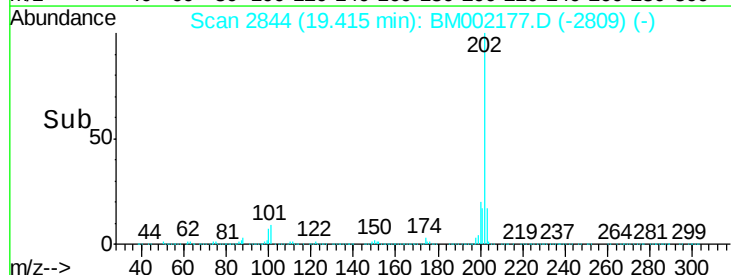
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.0	7.4	11.2
100	7.3	6.3	9.5

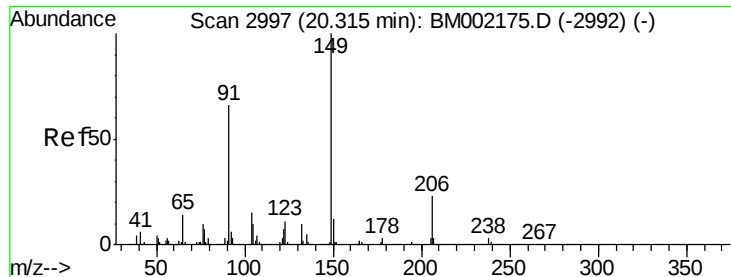


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 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



Time-->





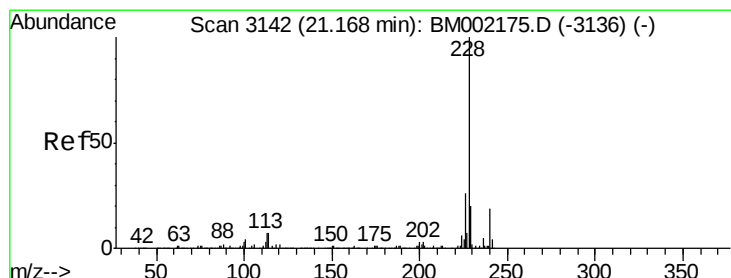
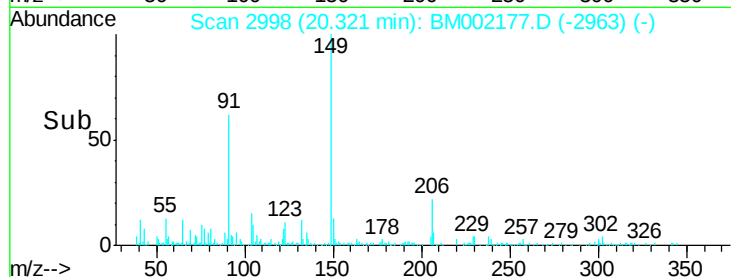
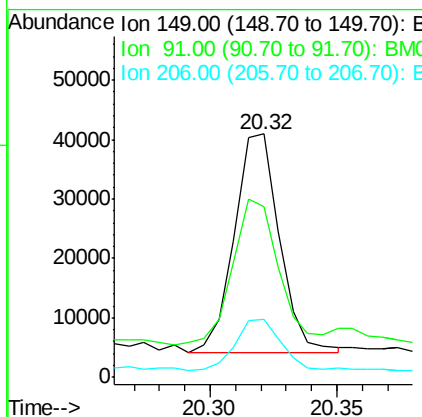
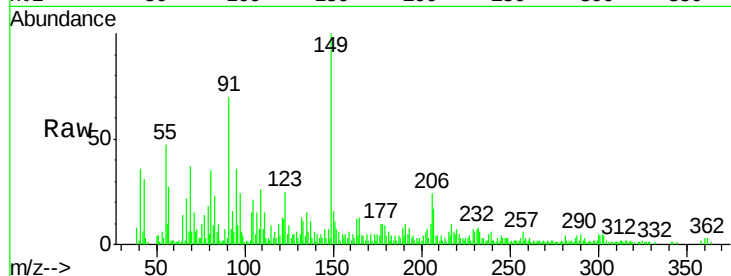
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Butylbenzylphthalate
Concen: 4.74 ng/ul
RT: 20.32 min Scan# 2998
Delta R.T. 0.01 min
Lab File: BM002177.D
Acq: 02 Aug 2015 20:03

Instrument :
BNA_M
ClientSampled :
C01N6

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	69.9	52.4	78.6
206	23.8	19.9	29.9

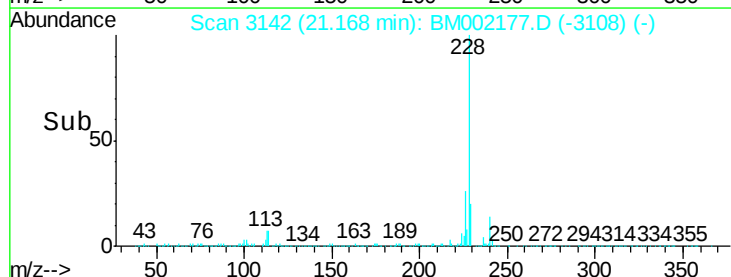
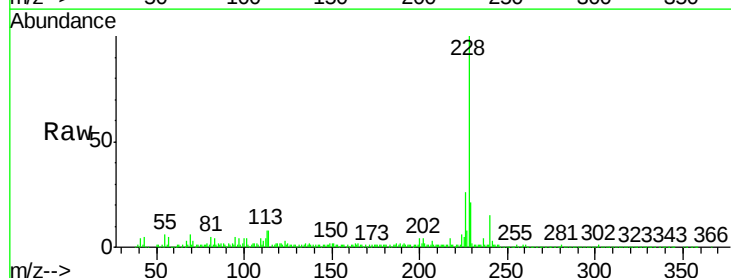
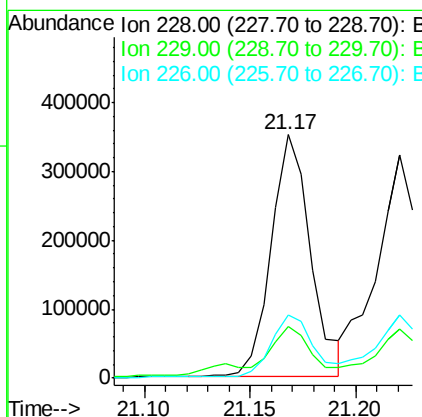
Manual Integrations
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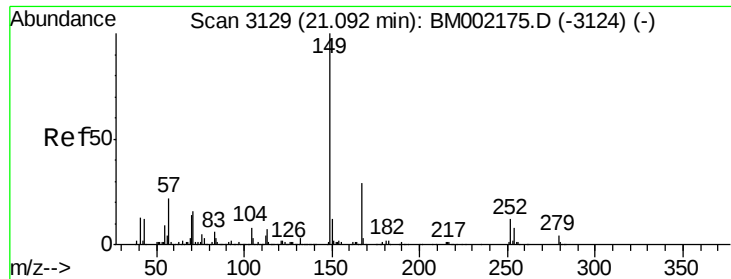
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#83
Benzo(a)anthracene
Concen: 17.99 ng/ul
RT: 21.17 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BM002177.D
Acq: 02 Aug 2015 20:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.0	15.4	23.2
226	26.0	20.5	30.7





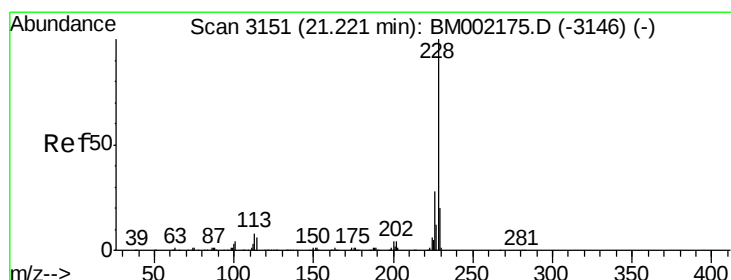
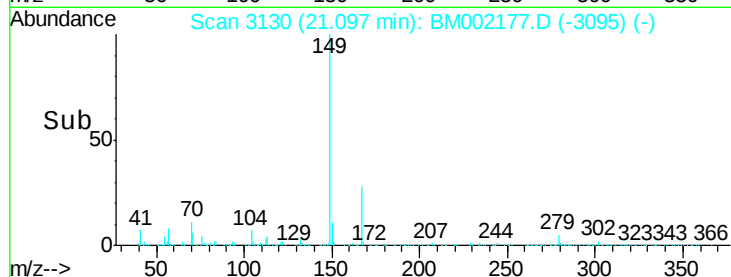
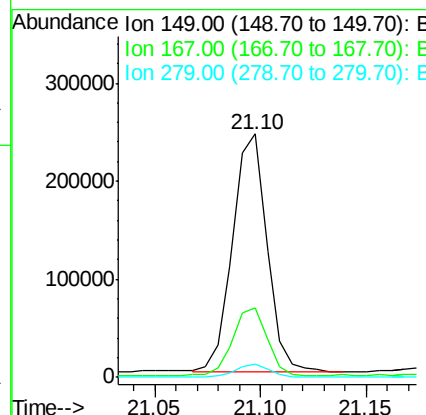
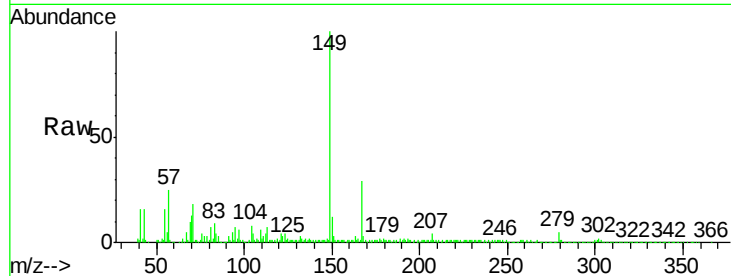
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 18.67 ng/ul
 RT: 21.10 min Scan# 3130
 Delta R.T. 0.01 min
 Lab File: BM002177.D
 Acq: 02 Aug 2015 20:03

Instrument :
 BNA_M
 ClientSampleId :
 C01N6

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	272566		
167	28.8	23.6	35.4	
279	5.5	4.2	6.4	

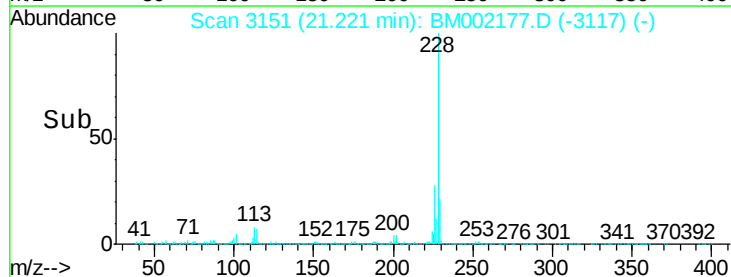
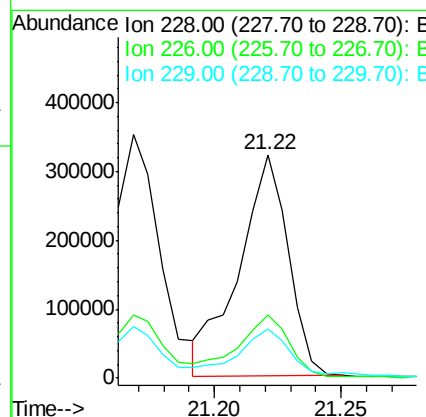
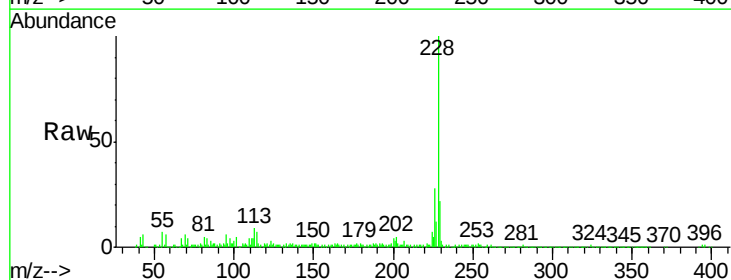
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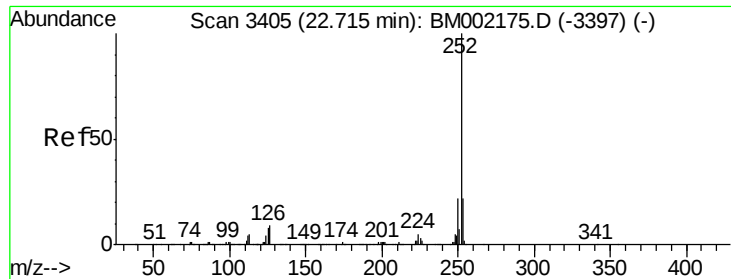
MMDadoda
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#85
 Chrysene
 Concen: 18.23 ng/ul
 RT: 21.22 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BM002177.D
 Acq: 02 Aug 2015 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	433750		
226	28.4	22.3	33.5	
229	22.1	15.5	23.3	





#88

Benzo(b)fluoranthene

Concen: 24.69 ng/ul

RT: 22.73 min Scan# 3407

Delta R.T. 0.01 min

Lab File: BM002177.D

Acq: 02 Aug 2015 20:03

Instrument :

BNA_M

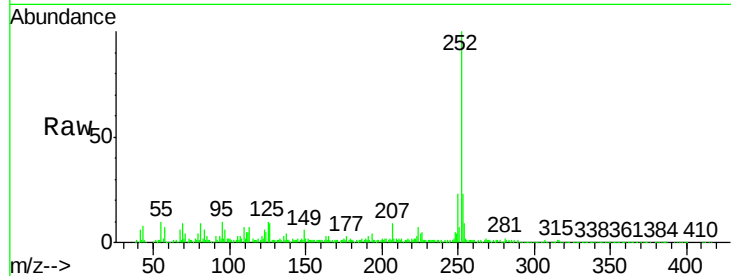
ClientSampleId :

C01N6

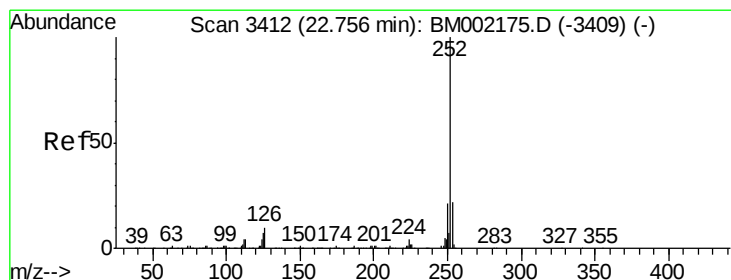
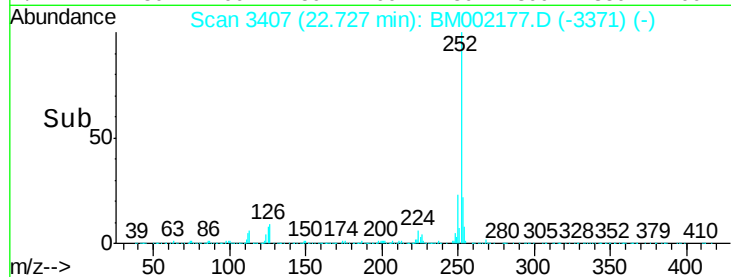
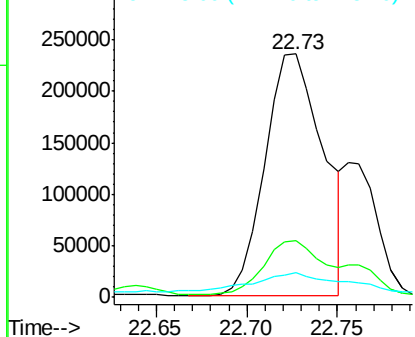
Tgt Ion:	252	Resp:	526100
Ion Ratio	Lower	Upper	
252	100		
253	23.1	16.9	25.3
125	10.0	6.2	9.2#

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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



#89

Benzo(k)fluoranthene

Concen: 8.10 ng/ul m

RT: 22.76 min Scan# 3412

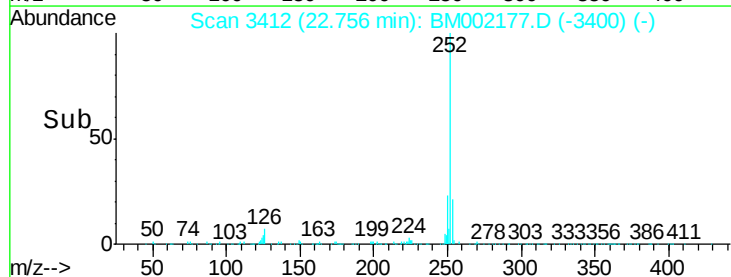
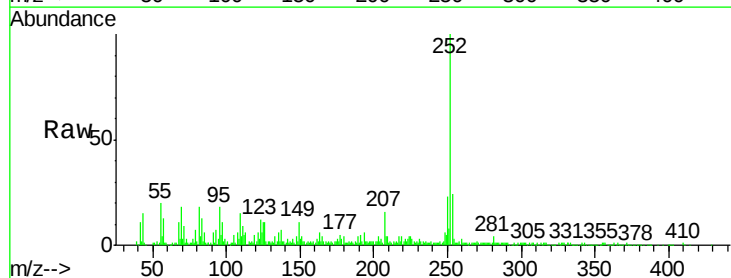
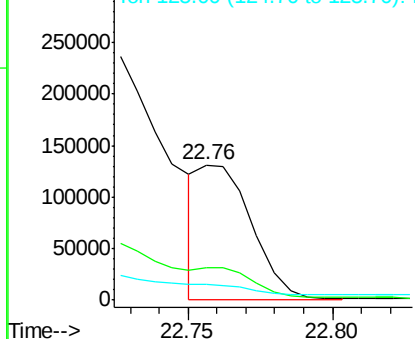
Delta R.T. -0.00 min

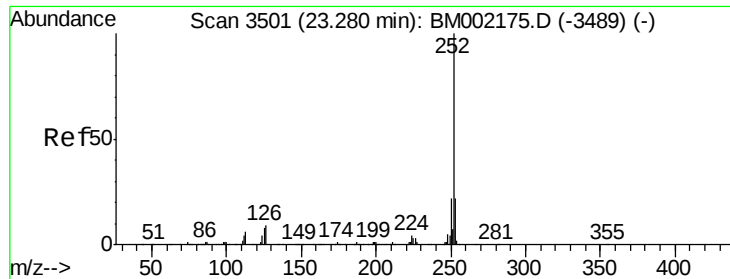
Lab File: BM002177.D

Acq: 02 Aug 2015 20:03

Tgt Ion:	252	Resp:	166591
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.0
125	11.5	6.2	9.4#

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





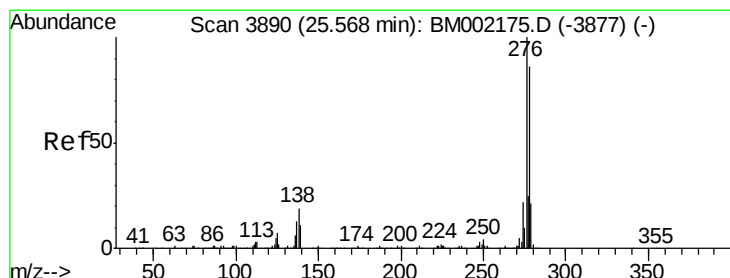
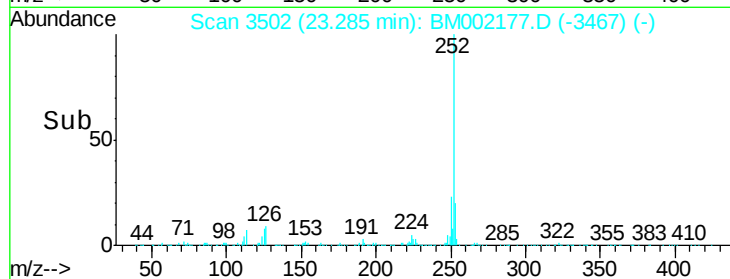
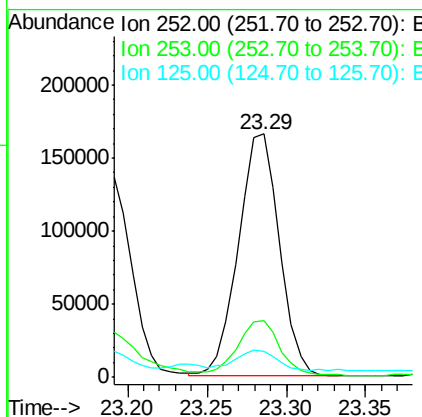
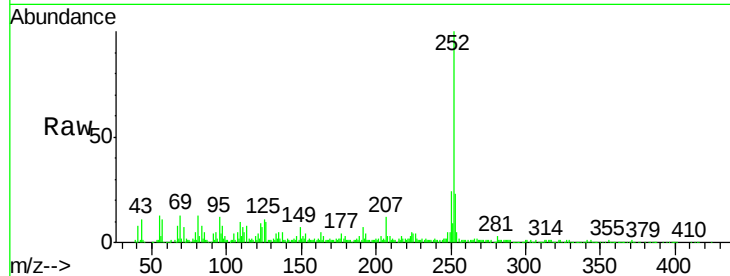
#91
Benzo(a)pyrene
Concen: 14.46 ng/ul
RT: 23.29 min Scan# 3502
Delta R.T. 0.01 min
Lab File: BM002177.D
Acq: 02 Aug 2015 20:03

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.4	17.2	25.8
125	10.6	6.6	10.0

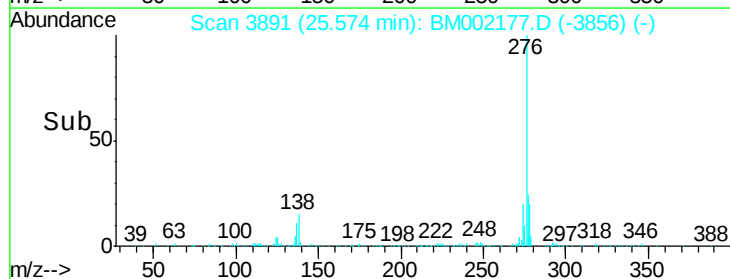
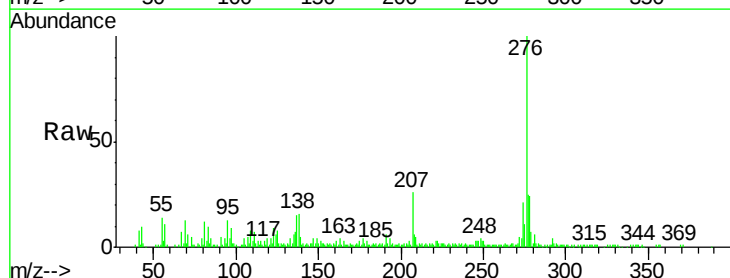
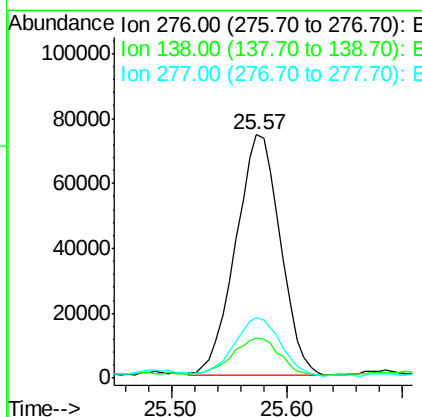
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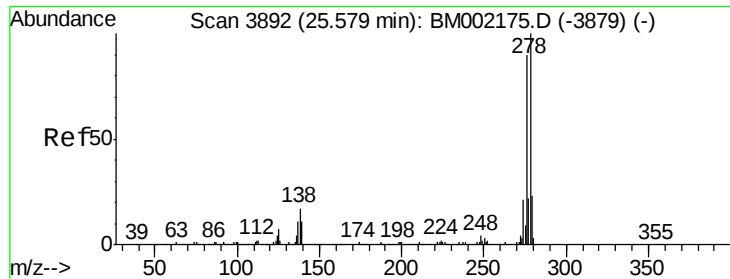
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8/3/2015 4:44:06 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 8.40 ng/ul
RT: 25.57 min Scan# 3891
Delta R.T. 0.01 min
Lab File: BM002177.D
Acq: 02 Aug 2015 20:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	16.4	16.2	24.2
277	25.1	19.8	29.8





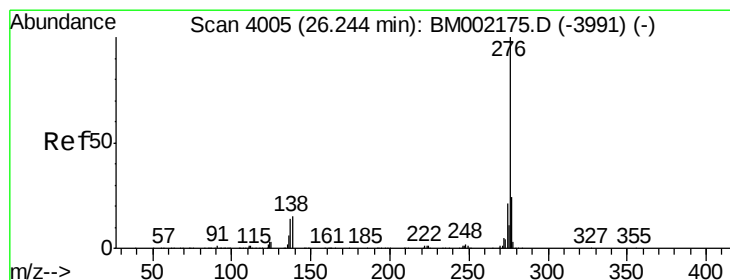
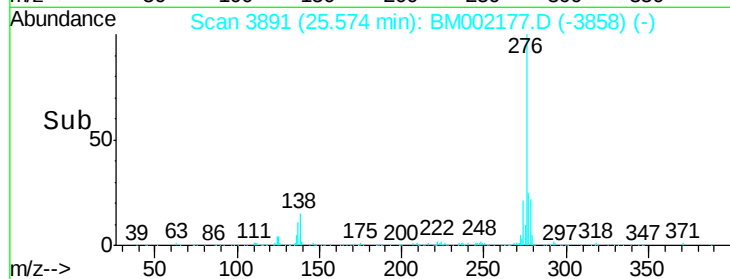
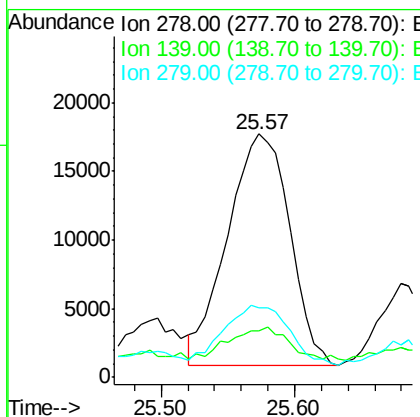
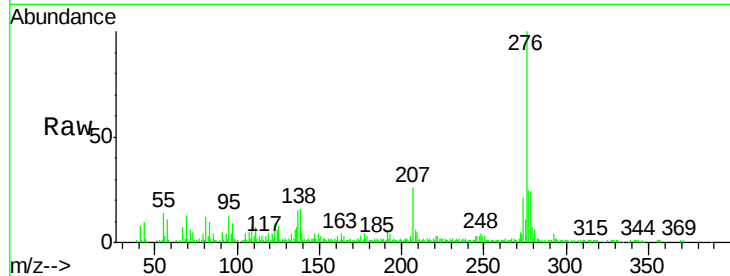
#93
Dibenzo(a,h)anthracene
Concen: 2.68 ng/ul
RT: 25.57 min Scan# 3891
Delta R.T. -0.01 min
Lab File: BM002177.D
Acq: 02 Aug 2015 20:03

Instrument :
BNA_M
ClientSampleId :
C01N6

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.1	10.6	16.0#
279	28.4	18.5	27.7#

Manual Integrations
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#94
Benzo(g,h,i)perylene
Concen: 9.16 ng/ul
RT: 26.25 min Scan# 4006
Delta R.T. 0.01 min
Lab File: BM002177.D
Acq: 02 Aug 2015 20:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	13.8	20.6
277	24.5	18.2	27.2

