

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
 Data File : BM002198.D
 Acq On : 03 Aug 2015 15:30
 Operator : TP/UM
 Sample : G3073-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01L2

Manual Integrations
 APPROVED

MMDadoda
 8/6/2015 4:15:23 PM

Quant Time: Aug 04 03:44:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 04 02:31:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	70210	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	297920	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	189178	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	441509	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	436610	20.00	ng/ul	0.01
86) Perylene-d12	23.37	264	387745	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	2817	2.08	ng/uL	0.00
5) Phenol-d5	6.72	99	74406	14.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	38678	13.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	63657	14.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	50530	12.66	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	31238	14.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	36222	15.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	67208	14.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	29783	5.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	209688	15.13	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	260485	15.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	19540	8.45	ng/ul	0.00
58) Fluorene-d10	15.20	176	192285	15.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	10286	3.81	ng/ul	0.00
71) Anthracene-d10	17.06	188	296247	15.03	ng/ul	0.00
79) Pyrene-d10	19.37	212	319614	17.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.23	264	267371	14.22	ng/ul	0.02

Target Compounds

						Qvalue
14) Acetophenone	8.36	105	8325	1.32	ng/ul	97
28) Naphthalene	10.37	128	17084	1.21	ng/ul	97
34) 2-Methylnaphthalene	11.99	142	10982	1.07	ng/ul	93
45) Dimethylphthalate	13.66	163	73510	5.31	ng/ul	99
48) Acenaphthylene	13.93	152	23273	1.30	ng/ul	99
70) Phenanthrene	17.00	178	170017	7.43	ng/ul	99
72) Anthracene	17.09	178	64226	2.75	ng/ul	98
76) Di-n-butylphthalate	17.93	149	187187	7.86	ng/ul	98
77) Fluoranthene	19.03	202	447630	16.95	ng/ul	99
80) Pyrene	19.40	202	408739	17.20	ng/ul	100
81) Butylbenzylphthalate	20.30	149	44853	4.94	ng/ul	92
83) Benzo(a)anthracene	21.16	228	235326	9.72	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.11	149	11046490	795.13	ng/ul#	89
85) Chrysene	21.22	228	306763	13.55	ng/ul	96
88) Benzo(b)fluoranthene	22.71	252	419765	19.27	ng/ul#	93
89) Benzo(k)fluoranthene	22.76	252	132946m	6.32	ng/ul	
91) Benzo(a)pyrene	23.28	252	225073	10.70	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.57	276	194373	8.02	ng/ul	96
93) Dibenzo(a,h)anthracene	25.56	278	56031	2.70	ng/ul#	81
94) Benzo(g,h,i)perylene	26.25	276	178631	8.79	ng/ul	98

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

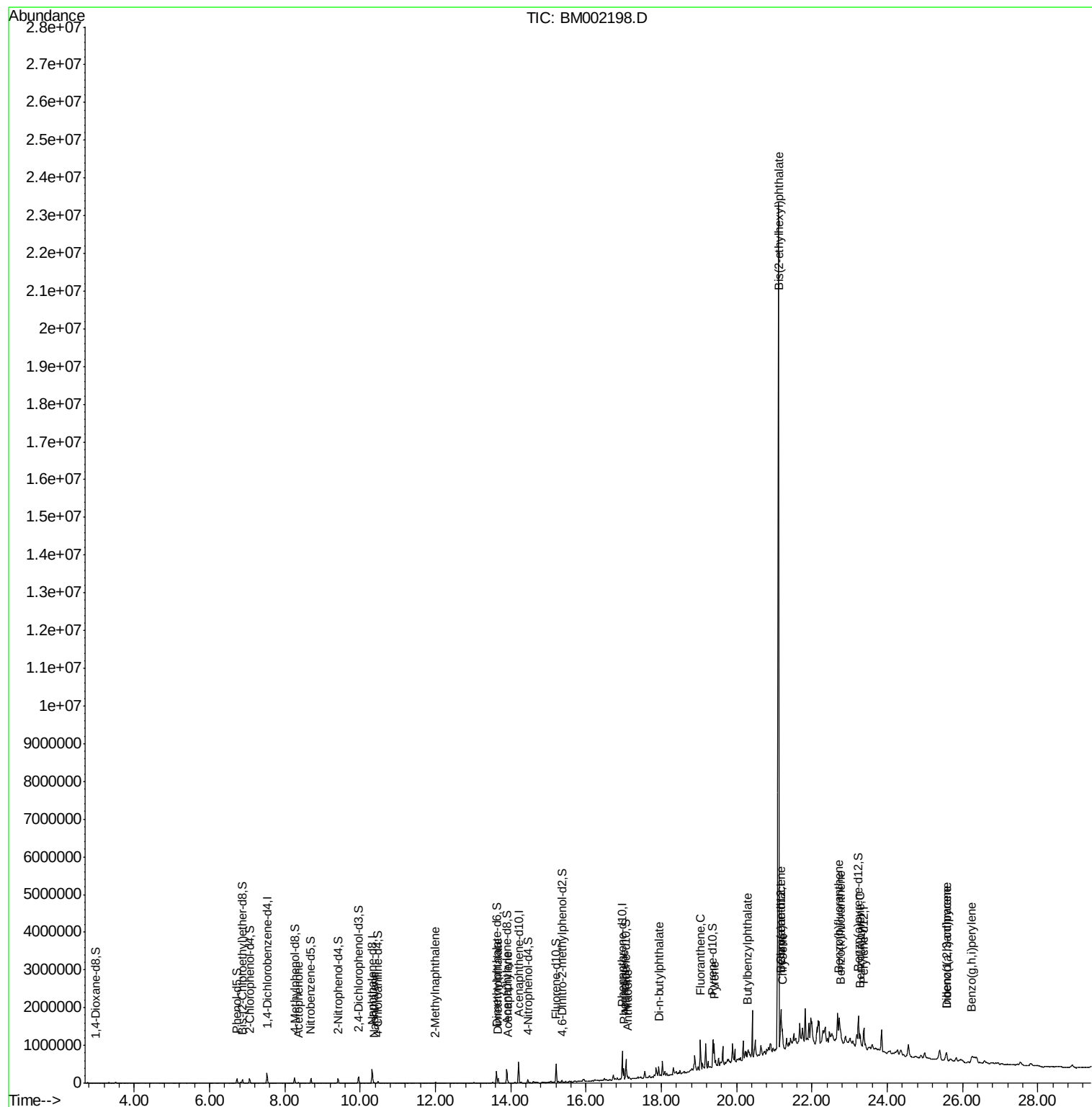
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002198.D
Acq On : 03 Aug 2015 15:30
Operator : TP/UM
Sample : G3073-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

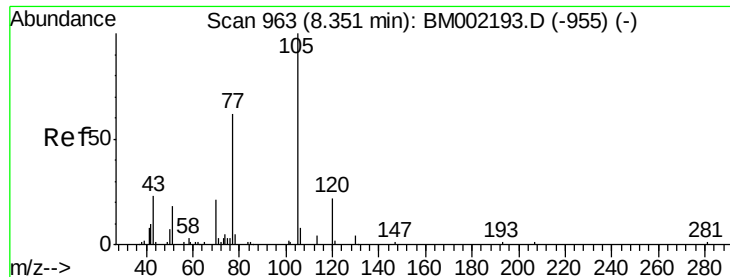
Instrument :
BNA_M
ClientSampleId :
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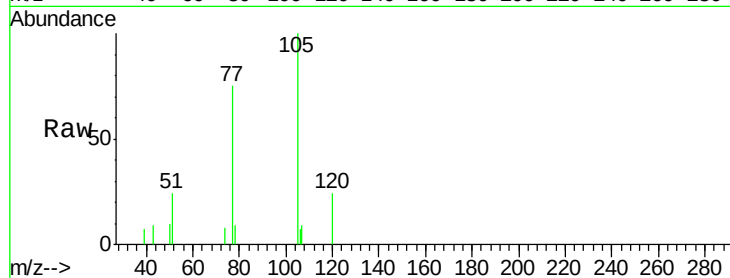
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:31:26 2015
Response via : Initial Calibration





#14
Acetophenone
Concen: 1.32 ng/ul
RT: 8.36 min Scan# 964
Delta R.T. 0.01 min
Lab File: BM002198.D
Acq: 03 Aug 2015 15:30

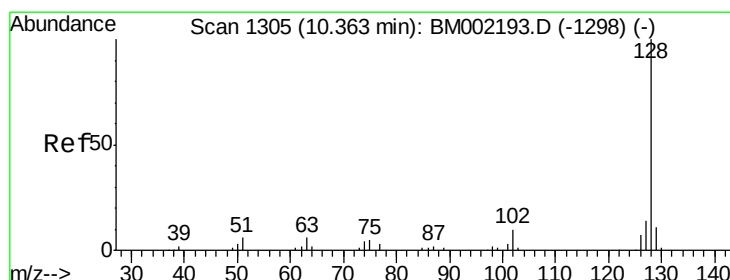
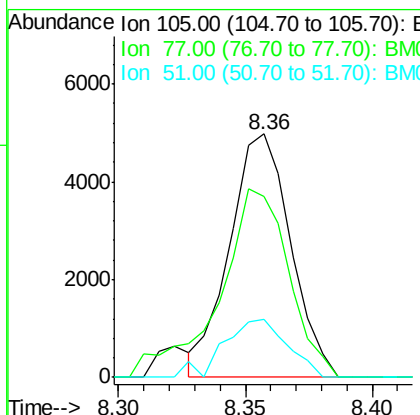
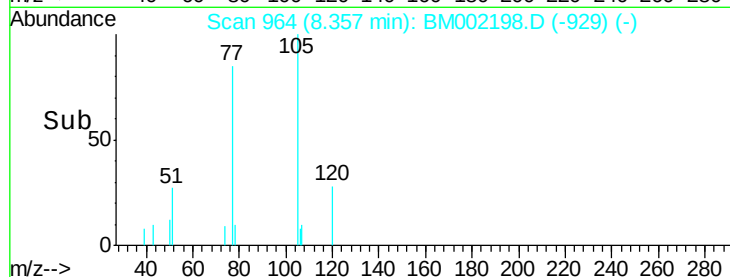
Instrument :
BNA_M
ClientSampleId :
C01L2



Tgt Ion:	105	Resp:	8325
Ion Ratio	Lower	Upper	
105	100		
77	74.5	61.8	92.8
51	24.0	18.5	27.7

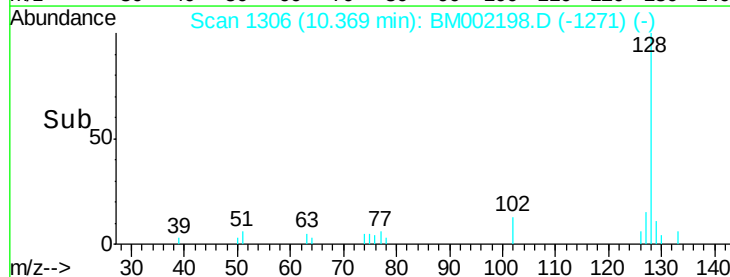
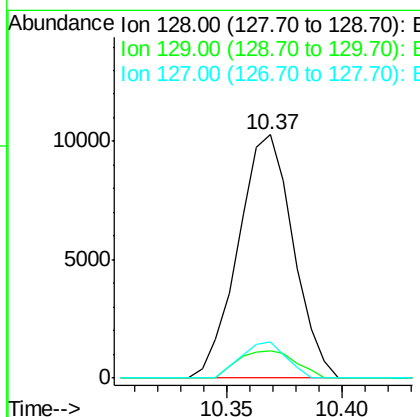
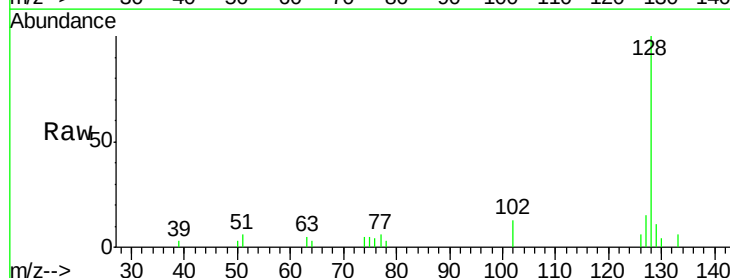
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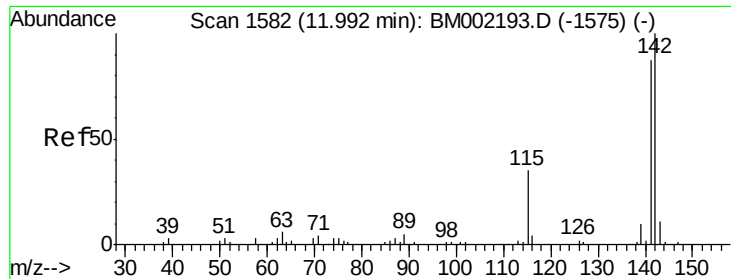
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#28
Naphthalene
Concen: 1.21 ng/ul
RT: 10.37 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BM002198.D
Acq: 03 Aug 2015 15:30

Tgt Ion:	128	Resp:	17084
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.4
127	14.9	10.2	15.4





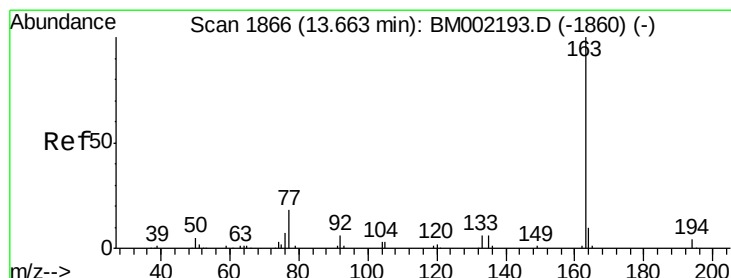
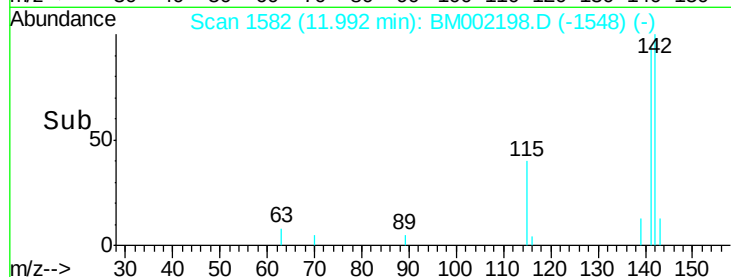
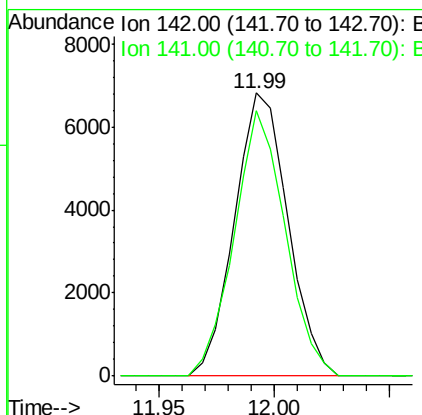
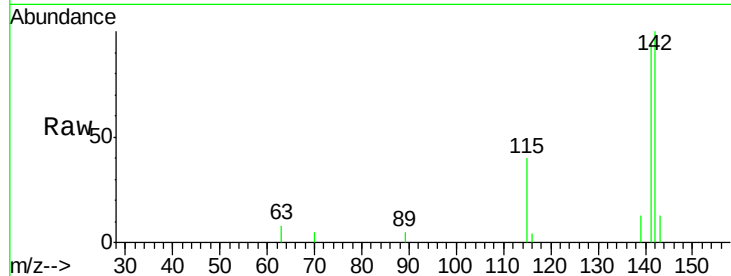
#34
 2-Methylnaphthalene
 Concen: 1.07 ng/ul
 RT: 11.99 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: BM002198.D
 Acq: 03 Aug 2015 15:30

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	69.8	104.6

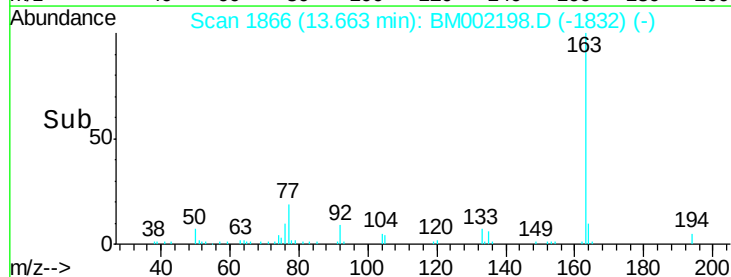
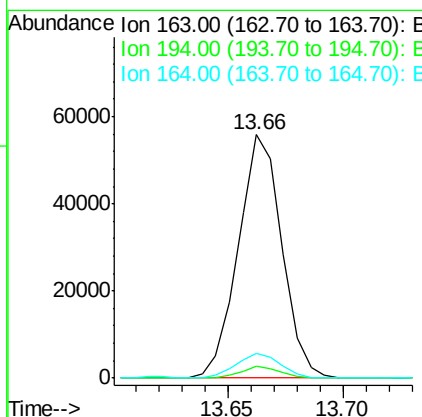
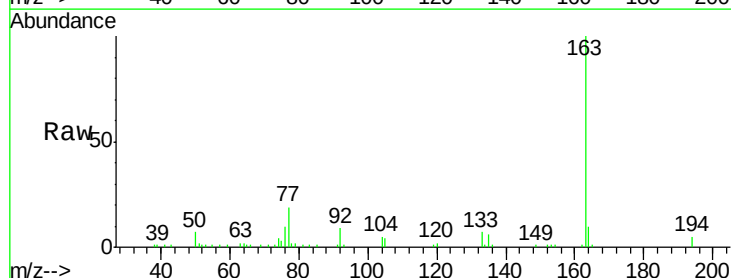
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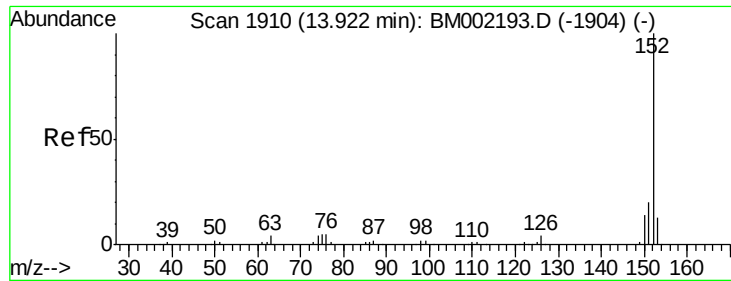
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#45
 Dimethylphthalate
 Concen: 5.31 ng/ul
 RT: 13.66 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: BM002198.D
 Acq: 03 Aug 2015 15:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	10.4	8.0	12.0





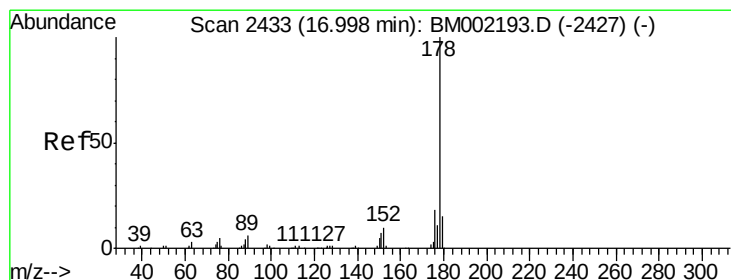
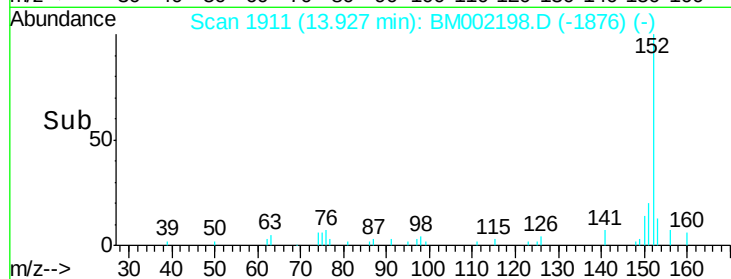
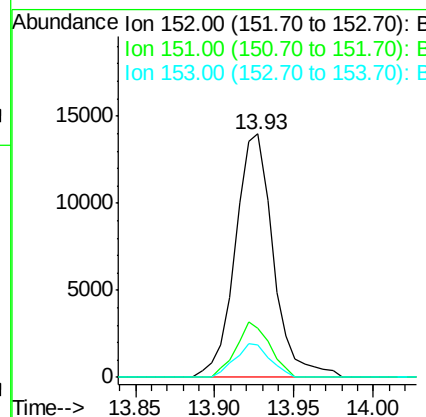
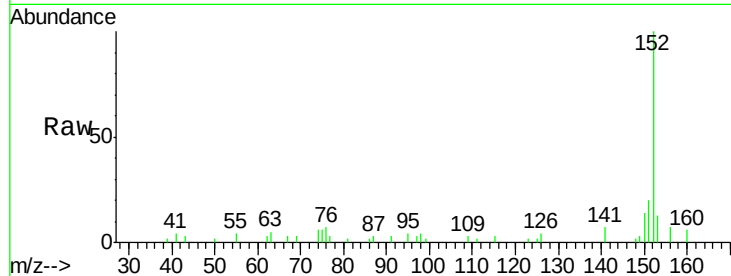
#48
Acenaphthylene
Concen: 1.30 ng/ul
RT: 13.93 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BM002198.D
Acq: 03 Aug 2015 15:30

Instrument :
BNA_M
ClientSampleId :
C01L2

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.6	23.4
153	13.5	10.3	15.5

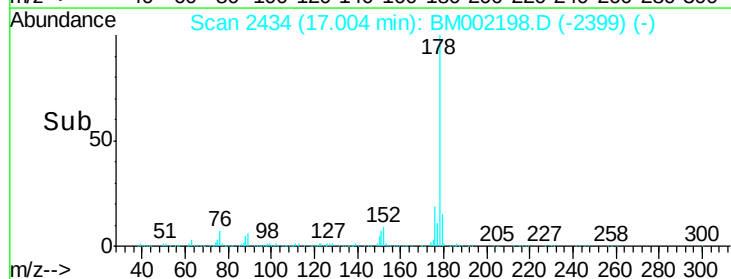
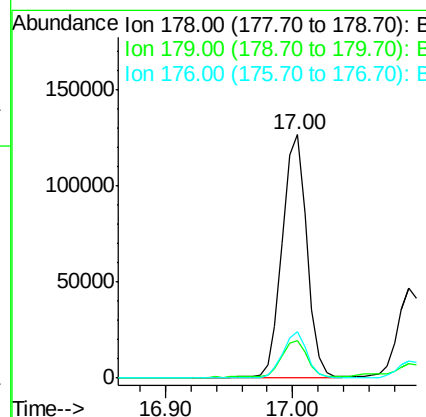
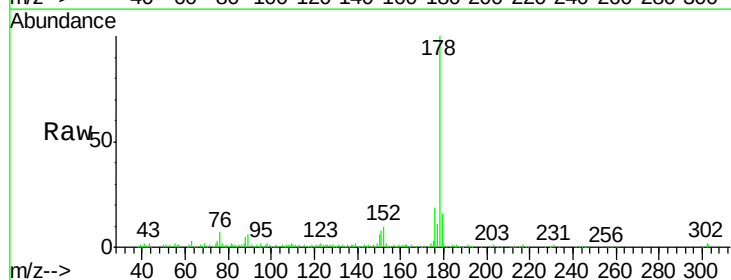
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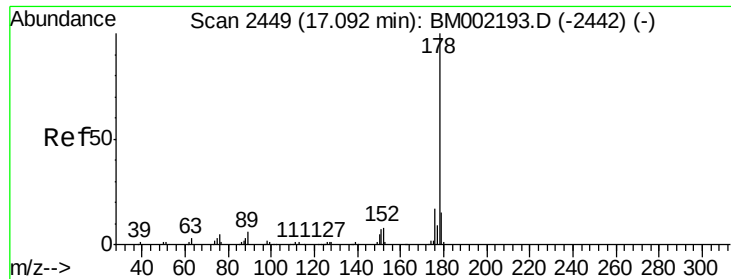
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#70
Phenanthrene
Concen: 7.43 ng/ul
RT: 17.00 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BM002198.D
Acq: 03 Aug 2015 15:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.8	14.2	21.4





#72

Anthracene

Concen: 2.75 ng/ul

RT: 17.09 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BM002198.D

Acq: 03 Aug 2015 15:30

Instrument :

BNA_M

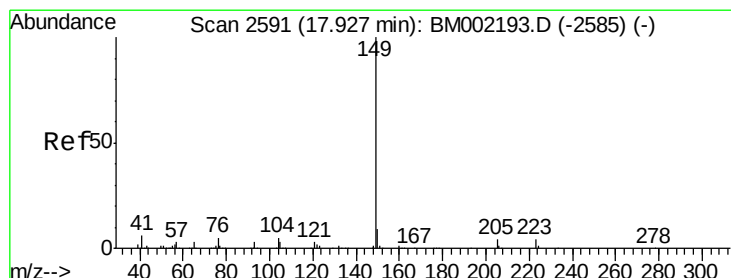
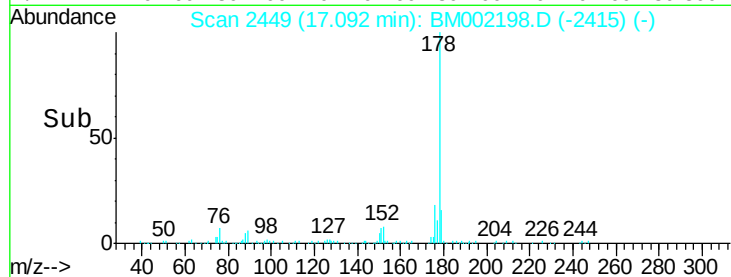
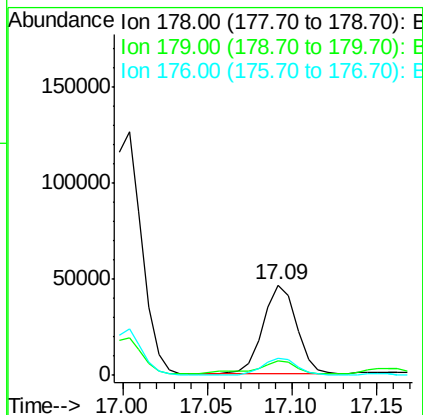
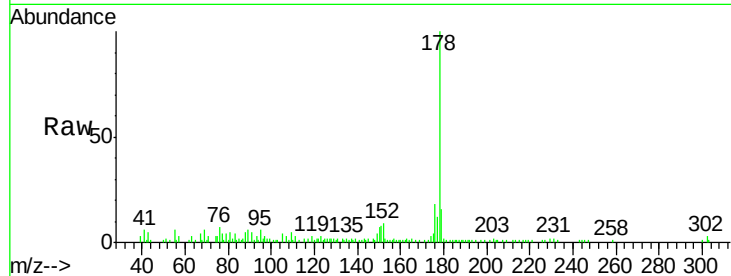
ClientSampleId :

C01L2

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Tgt Ion:	178	Resp:	64226
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.1	18.1
176	18.4	14.1	21.1



#76

Di-n-butylphthalate

Concen: 7.86 ng/ul

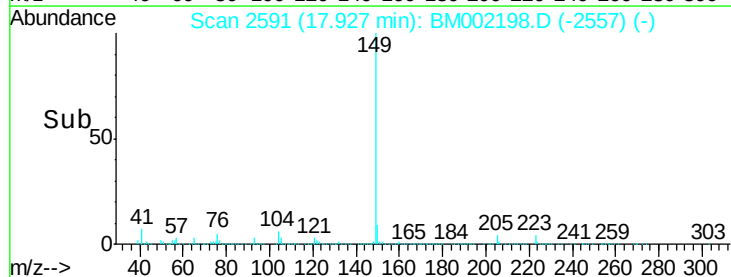
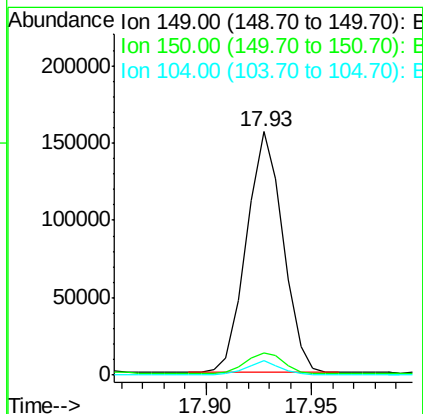
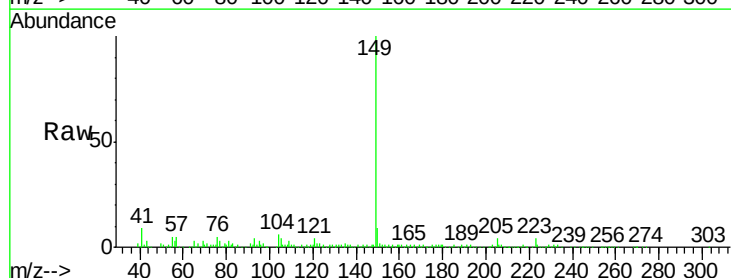
RT: 17.93 min Scan# 2591

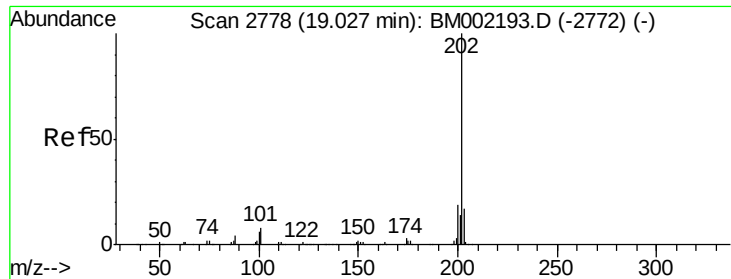
Delta R.T. -0.00 min

Lab File: BM002198.D

Acq: 03 Aug 2015 15:30

Tgt Ion:	149	Resp:	187187
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.0	10.4
104	5.7	4.2	6.2





#77

Fluoranthene

Concen: 16.95 ng/ul

RT: 19.03 min Scan# 2779

Delta R.T. 0.01 min

Lab File: BM002198.D

Acq: 03 Aug 2015 15:30

Instrument :

BNA_M

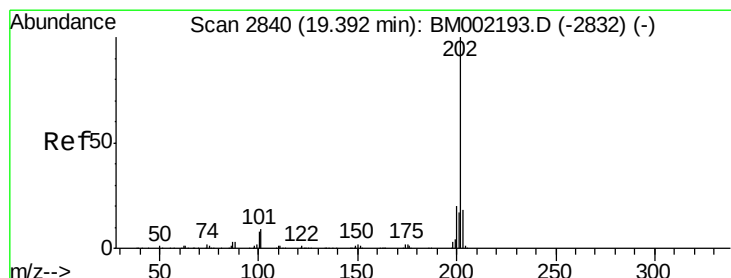
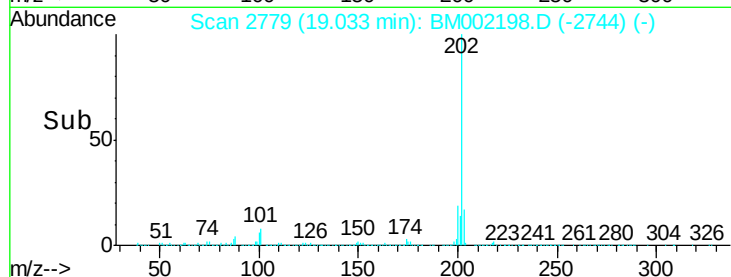
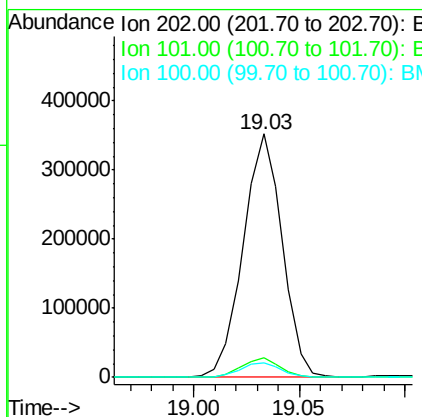
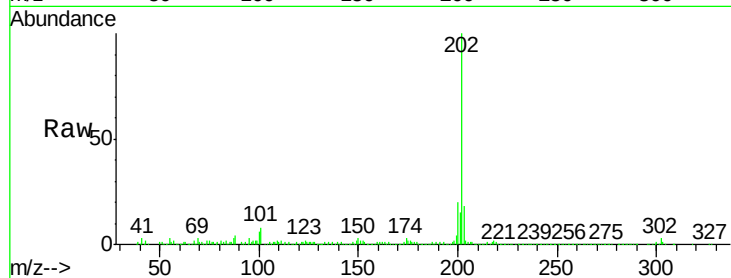
ClientSampleId :

C01L2

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	447630		
101	7.9	6.2	9.4	
100	6.0	5.2	7.8	

Manual Integrations
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#80

Pyrene

Concen: 17.20 ng/ul

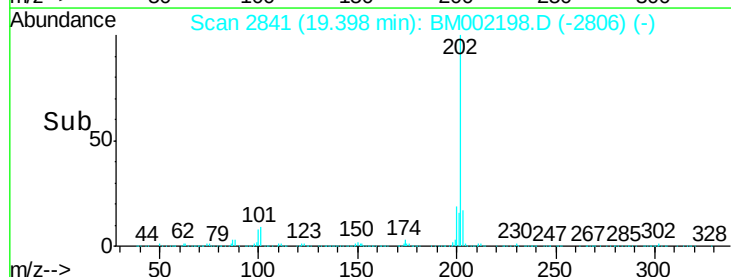
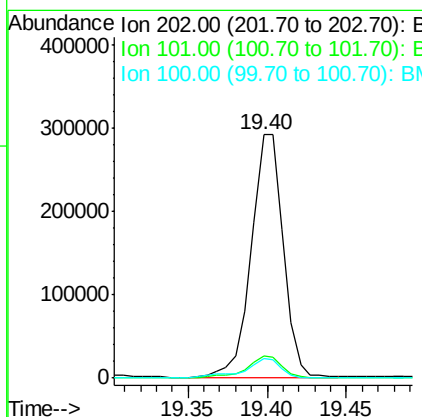
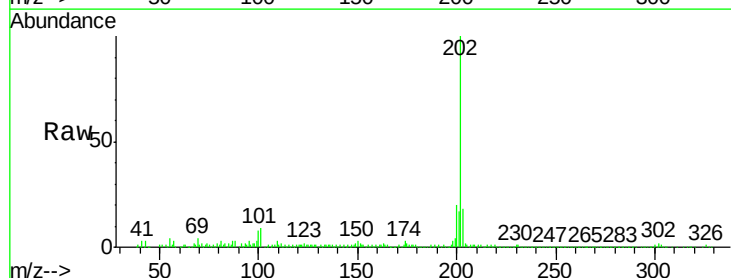
RT: 19.40 min Scan# 2841

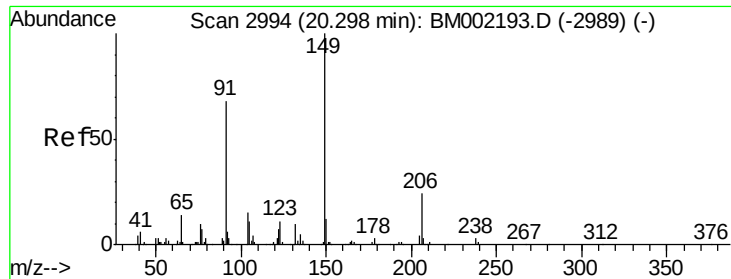
Delta R.T. 0.01 min

Lab File: BM002198.D

Acq: 03 Aug 2015 15:30

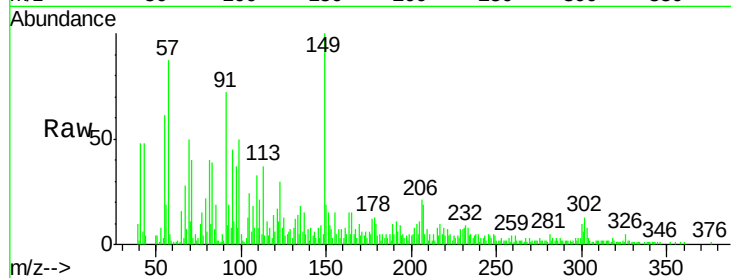
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	408739		
101	9.3	7.4	11.2	
100	7.8	6.3	9.5	





#81
Butylbenzylphthalate
Concen: 4.94 ng/ul
RT: 20.30 min Scan# 2995
Delta R.T. 0.01 min
Lab File: BM002198.D
Acq: 03 Aug 2015 15:30

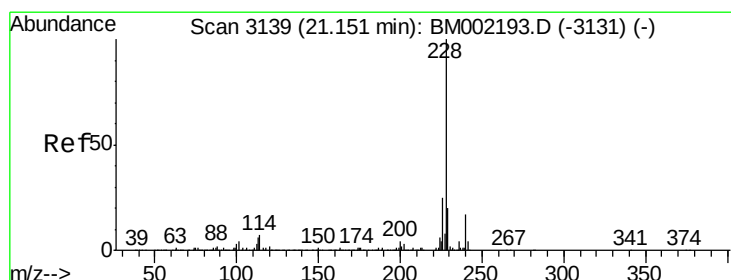
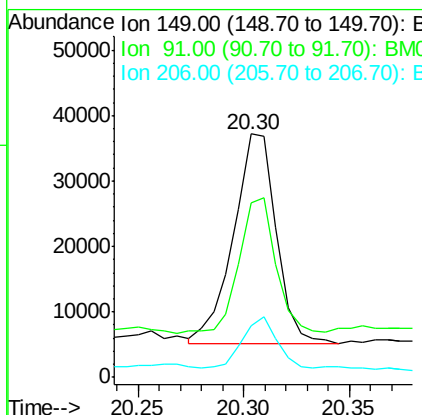
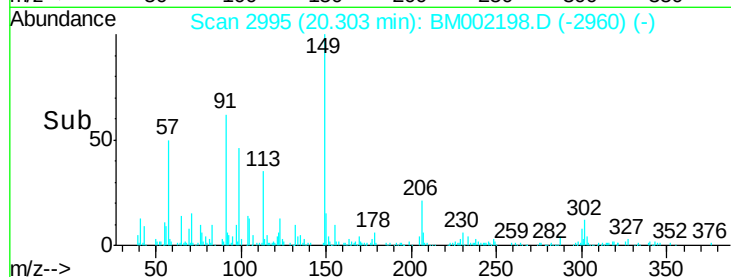
Instrument :
BNA_M
ClientSampled :
C01L2



Tgt Ion:	149	Resp:	44853
Ion Ratio	Lower	Upper	
149	100		
91	71.8	52.4	78.6
206	21.4	19.9	29.9

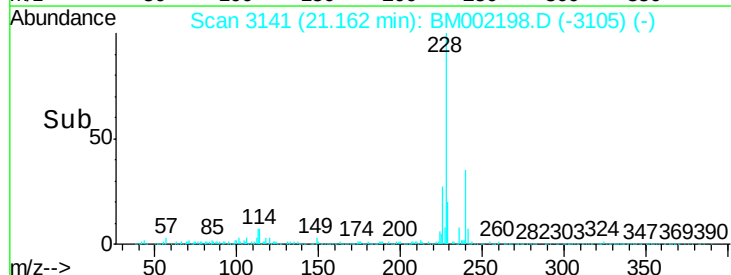
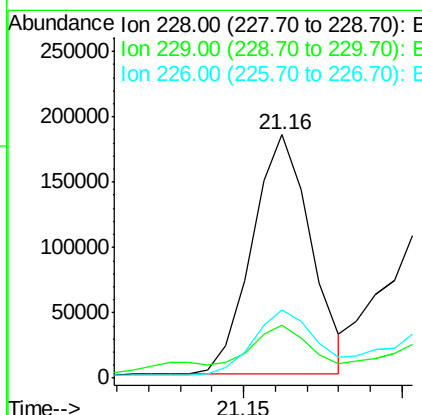
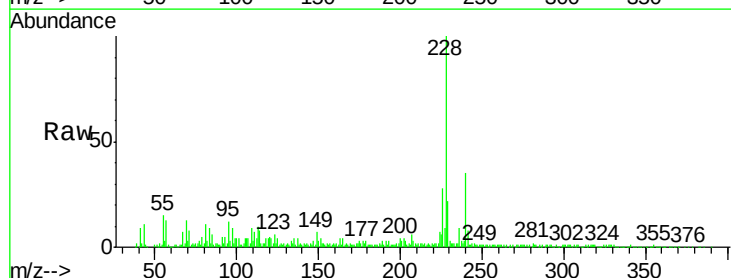
Manual Integrations
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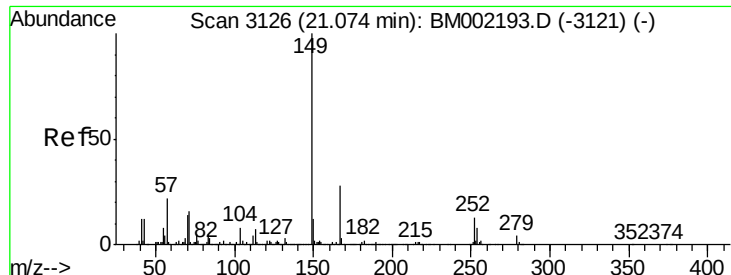
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#83
Benzo(a)anthracene
Concen: 9.72 ng/ul
RT: 21.16 min Scan# 3141
Delta R.T. 0.01 min
Lab File: BM002198.D
Acq: 03 Aug 2015 15:30

Tgt Ion:	228	Resp:	235326
Ion Ratio	Lower	Upper	
228	100		
229	21.7	15.4	23.2
226	27.8	20.5	30.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 795.13 ng/ul

RT: 21.11 min Scan# 3132

Delta R.T. 0.04 min

Lab File: BM002198.D

Acq: 03 Aug 2015 15:30

Instrument :

BNA_M

ClientSampleId :

C01L2

Tgt Ion:149 Resp:11046490

Ion Ratio Lower Upper

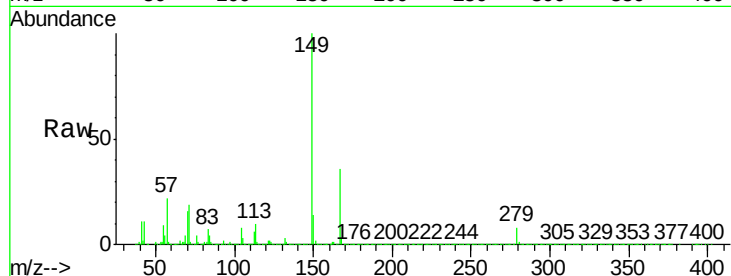
149 100

167 35.8 23.6 35.4#

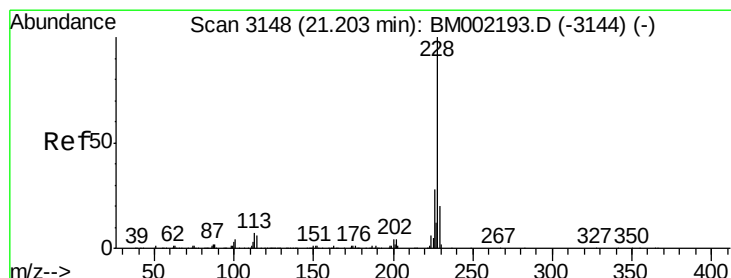
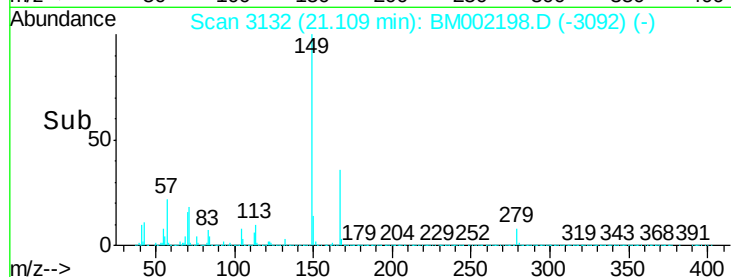
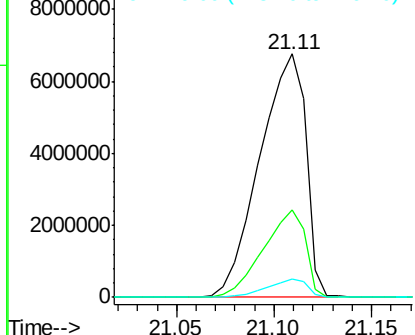
279 7.5 4.2 6.4#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 13.55 ng/ul

RT: 21.22 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BM002198.D

Acq: 03 Aug 2015 15:30

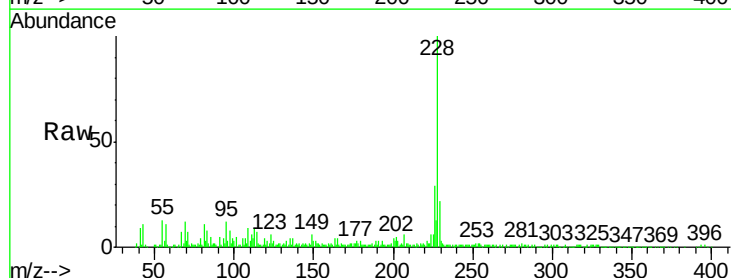
Tgt Ion:228 Resp: 306763

Ion Ratio Lower Upper

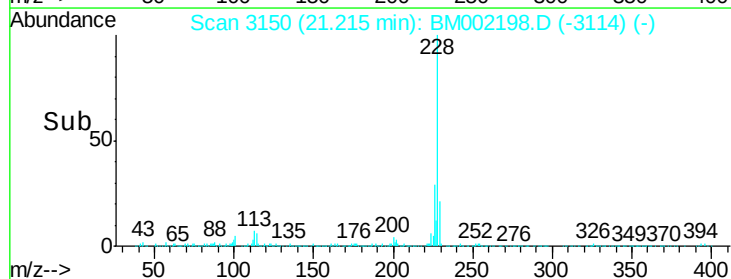
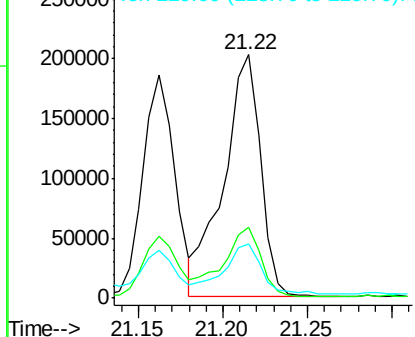
228 100

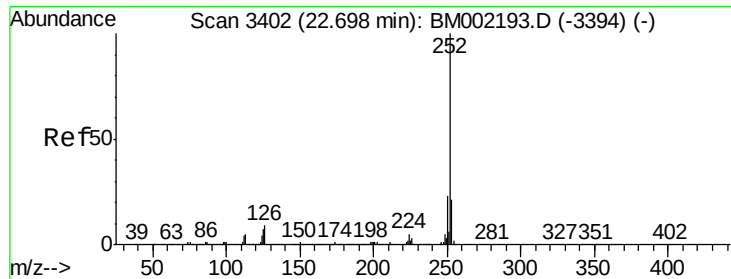
226 29.3 22.3 33.5

229 22.1 15.5 23.3



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





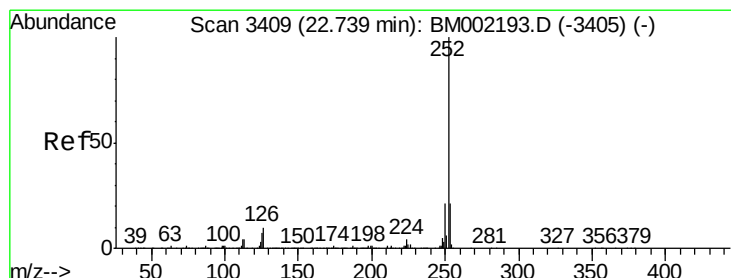
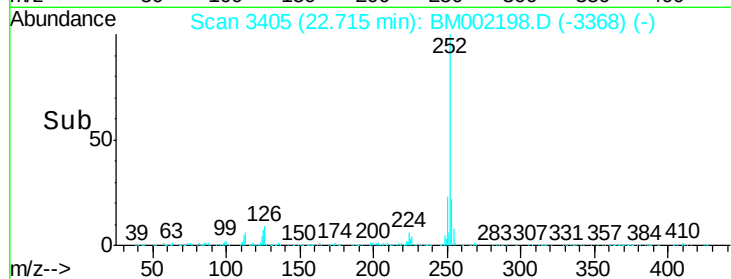
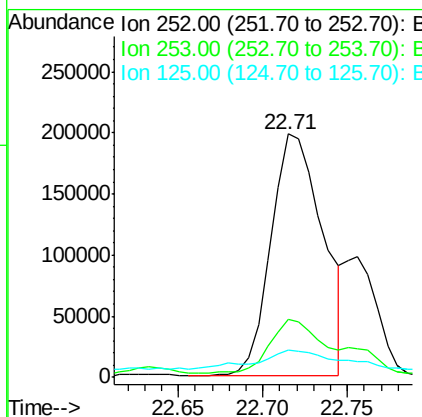
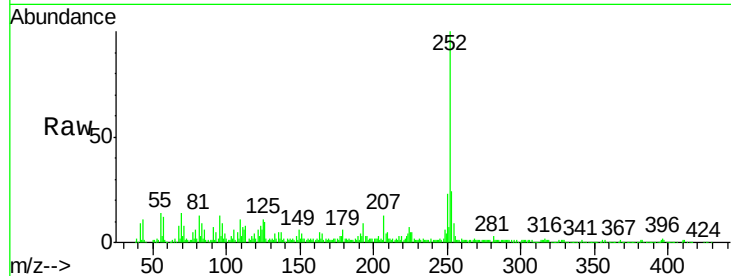
#88
Benzo(b)fluoranthene
Concen: 19.27 ng/ul
RT: 22.71 min Scan# 3405
Delta R.T. 0.02 min
Lab File: BM002198.D
Acq: 03 Aug 2015 15:30

Instrument :
BNA_M
ClientSampleId :
C01L2

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	419765		
253	23.9	16.9	25.3	
125	11.1	6.2	9.2	

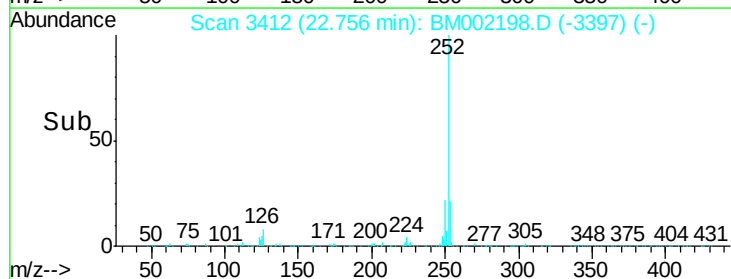
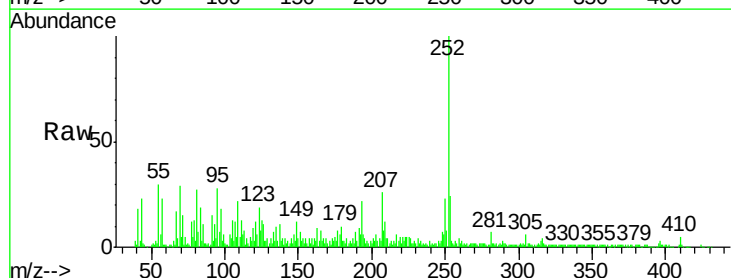
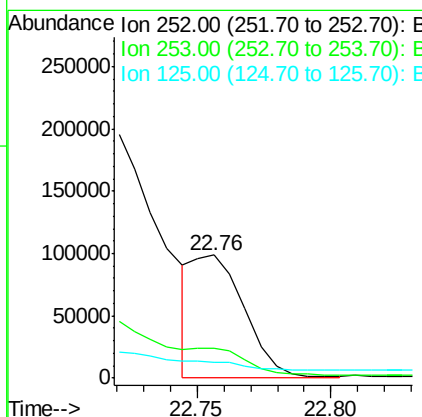
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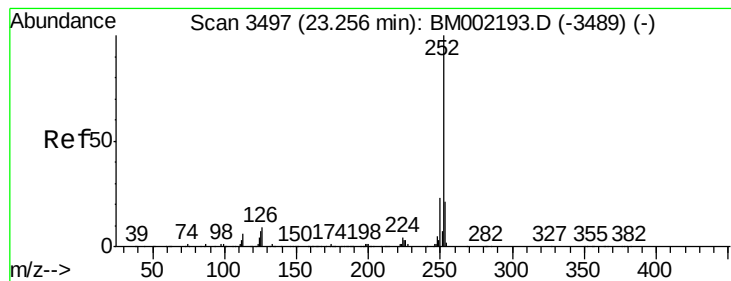
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#89
Benzo(k)fluoranthene
Concen: 6.32 ng/ul m
RT: 22.76 min Scan# 3412
Delta R.T. 0.02 min
Lab File: BM002198.D
Acq: 03 Aug 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	132946		
253	24.0	17.4	26.0	
125	13.3	6.2	9.4	





#91

Benzo(a)pyrene

Concen: 10.70 ng/ul

RT: 23.28 min Scan# 3501

Delta R.T. 0.02 min

Lab File: BM002198.D

Acq: 03 Aug 2015 15:30

Instrument :

BNA_M

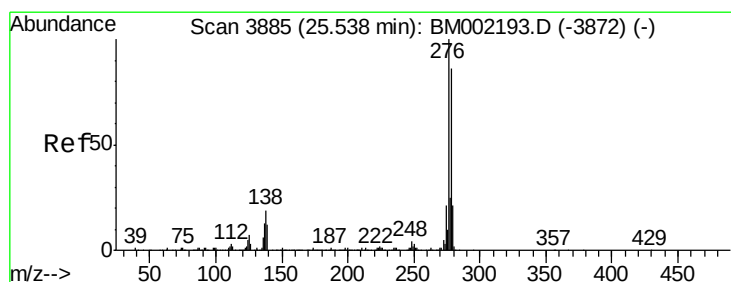
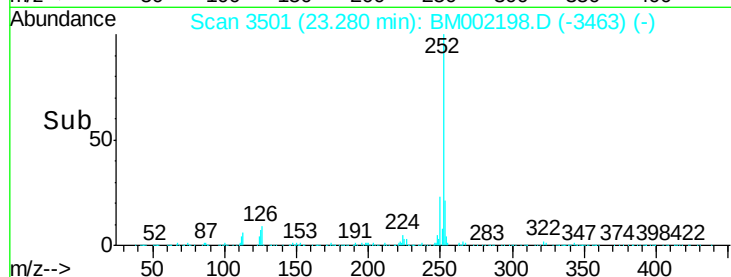
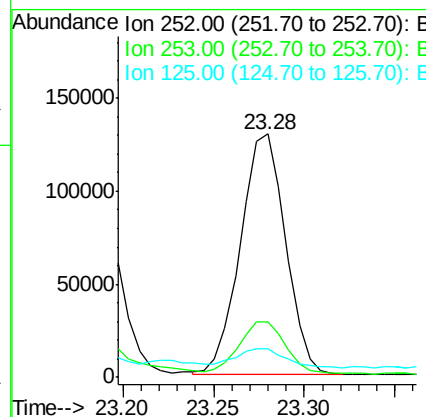
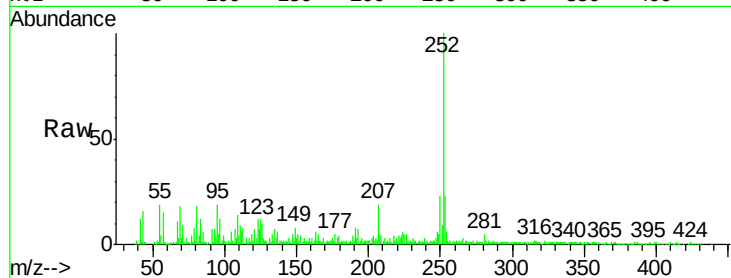
ClientSampleId :

C01L2

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	225073		
253	22.9	17.2	25.8	
125	11.8	6.6	10.0	

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#92

Indeno(1,2,3-cd)pyrene

Concen: 8.02 ng/ul

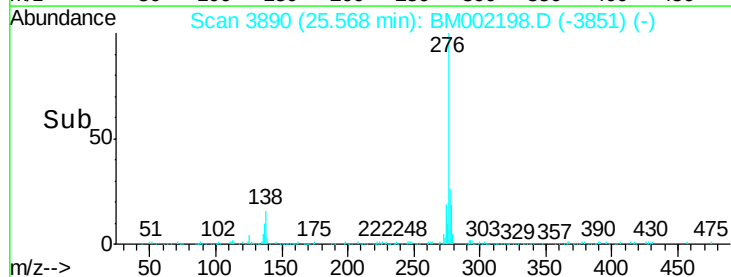
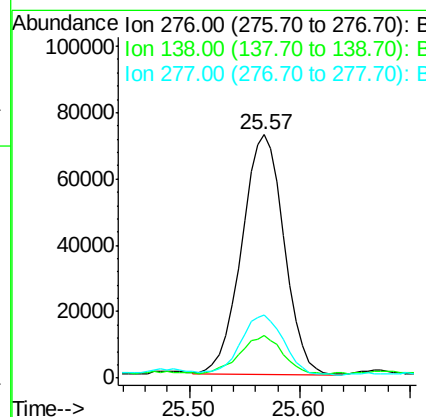
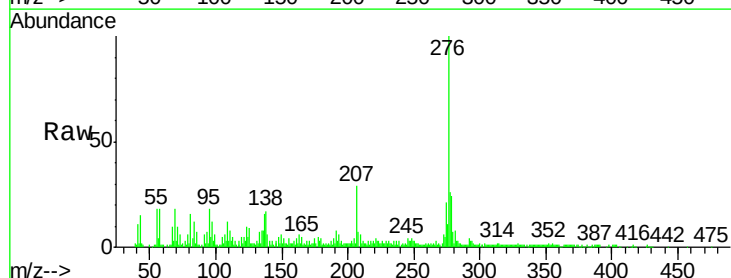
RT: 25.57 min Scan# 3890

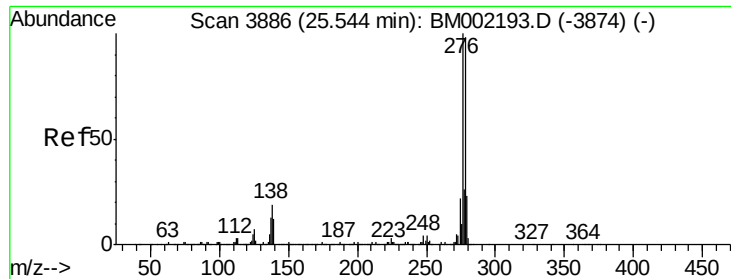
Delta R.T. 0.03 min

Lab File: BM002198.D

Acq: 03 Aug 2015 15:30

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	194373		
138	17.3	16.2	24.2	
277	25.9	19.8	29.8	





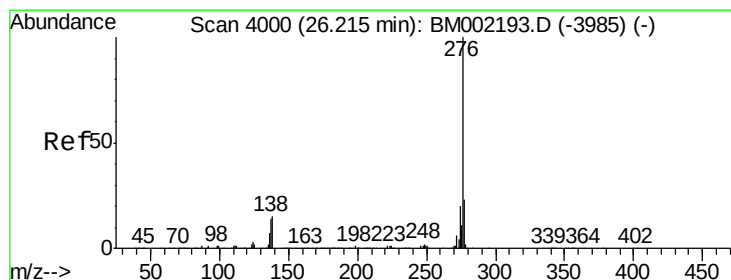
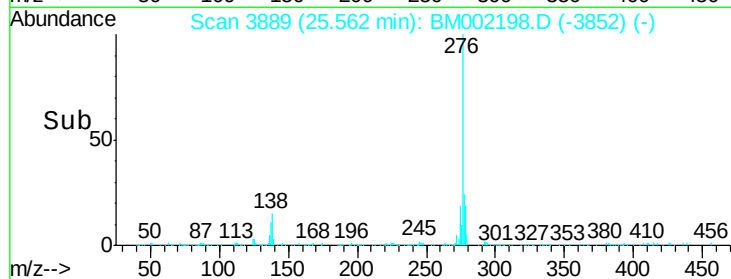
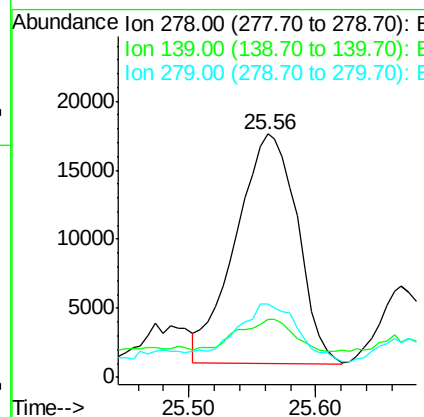
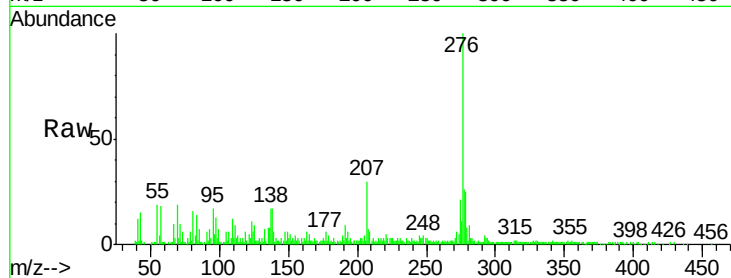
#93
Dibenzo(a,h)anthracene
Concen: 2.70 ng/ul
RT: 25.56 min Scan# 3889
Delta R.T. 0.02 min
Lab File: BM002198.D
Acq: 03 Aug 2015 15:30

Instrument :
BNA_M
ClientSampleId :
C01L2

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.6	10.6	16.0#
279	30.4	18.5	27.7#

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#94
Benzo(g,h,i)perylene
Concen: 8.79 ng/ul
RT: 26.25 min Scan# 4006
Delta R.T. 0.04 min
Lab File: BM002198.D
Acq: 03 Aug 2015 15:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	13.8	20.6
277	24.2	18.2	27.2

