

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
 Data File : BM002197.D
 Acq On : 03 Aug 2015 14:53
 Operator : TP/UM
 Sample : G3073-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C01L3

Manual Integrations
 APPROVED

MMDadoda
 8/6/2015 4:15:17 PM

Quant Time: Aug 04 03:33:09 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	92651	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	384438	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	229350	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	465313	20.00	ng/ul	0.00
78) Chrysene-d12	21.18	240	444164	20.00	ng/ul	0.01
86) Perylene-d12	23.37	264	473512	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	6048	3.38	ng/uL	0.00
5) Phenol-d5	6.72	99	156858	23.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	80703	22.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	132951	23.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	133788	25.41	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	66076	24.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	76993	25.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	144849	24.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	131928	20.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	411356	24.49	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	492725	23.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	42593	15.19	ng/ul	0.00
58) Fluorene-d10	15.20	176	331981	22.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	27093	9.52	ng/ul	0.00
71) Anthracene-d10	17.06	188	456524	21.98	ng/ul	0.00
79) Pyrene-d10	19.37	212	412511	22.06	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.23	264	428115	18.65	ng/ul	0.02

Target Compounds

						Qvalue
45) Dimethylphthalate	13.67	163	118100	7.04	ng/ul	100
48) Acenaphthylene	13.93	152	201710	9.31	ng/ul	99
59) Fluorene	15.26	166	43408	2.58	ng/ul	96
70) Phenanthrene	17.00	178	631968	26.22	ng/ul	99
72) Anthracene	17.09	178	242675	9.85	ng/ul	98
77) Fluoranthene	19.04	202	2306225	82.87	ng/ul	99
80) Pyrene	19.40	202	1785372	73.87	ng/ul	99
83) Benzo(a)anthracene	21.16	228	1164618	47.30	ng/ul	93
84) Bis(2-ethylhexyl)phthalate	21.08	149	15517	1.10	ng/ul	94
85) Chrysene	21.22	228	1120225	48.63	ng/ul	96
88) Benzo(b)fluoranthene	22.72	252	1659918	62.39	ng/ul	98
89) Benzo(k)fluoranthene	22.76	252	526491m	20.51	ng/ul	
91) Benzo(a)pyrene	23.28	252	1093026	42.56	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.57	276	794935	26.86	ng/ul#	95
93) Dibenzo(a,h)anthracene	25.57	278	224830	8.88	ng/ul#	91
94) Benzo(g,h,i)perylene	26.25	276	661735	26.67	ng/ul	97

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

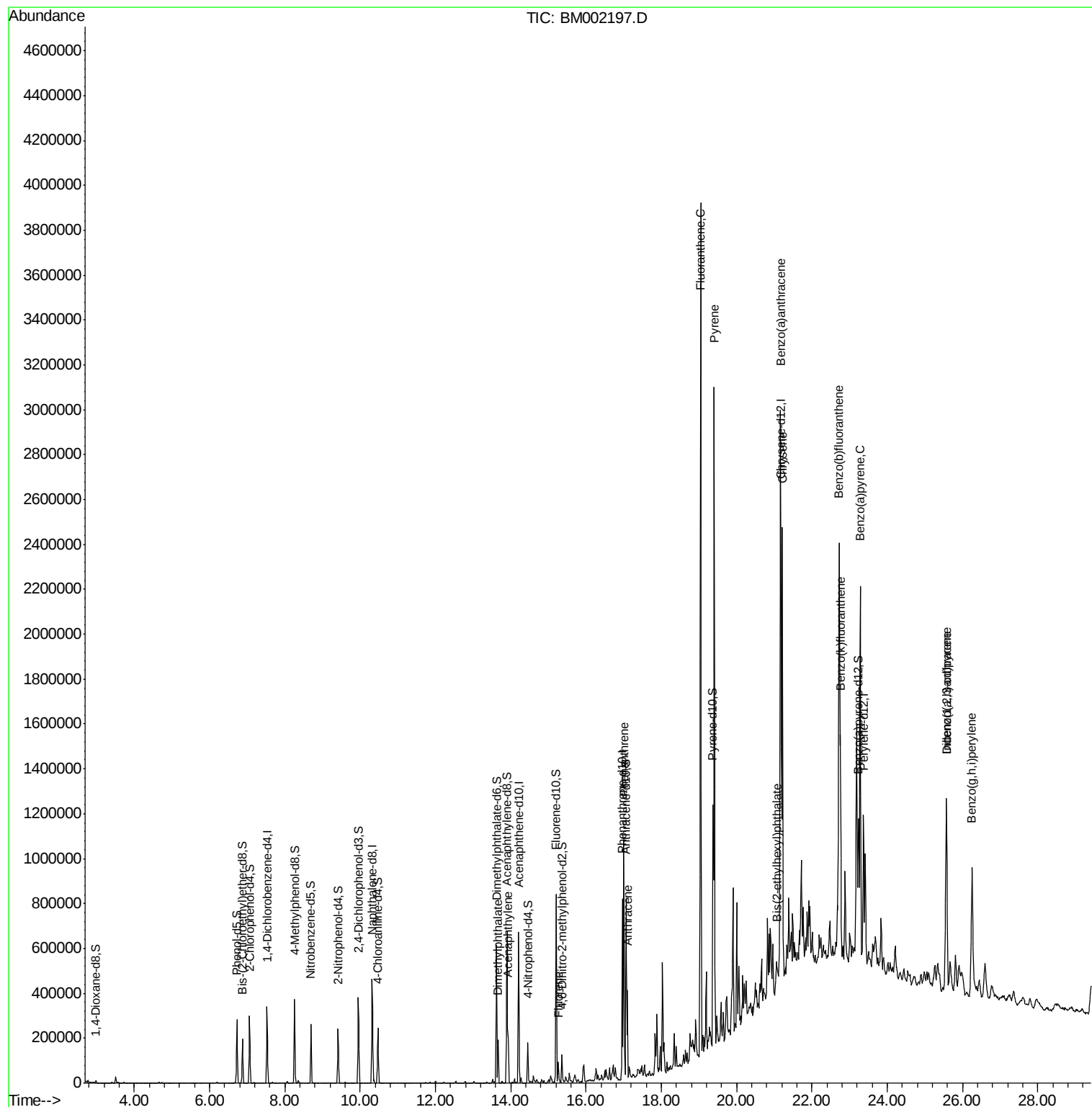
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002197.D
Acq On : 03 Aug 2015 14:53
Operator : TP/UM
Sample : G3073-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

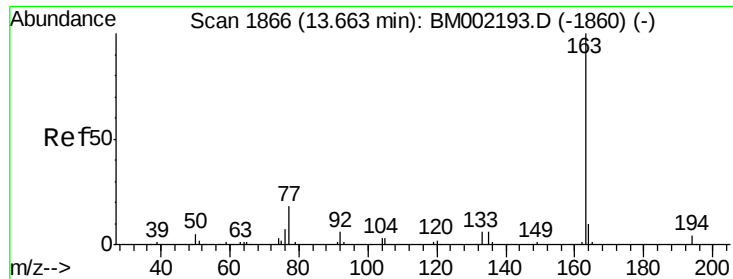
Instrument :
BNA_M
ClientSampleId :
C01L3

Manual Integrations
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
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Response via : Initial Calibration





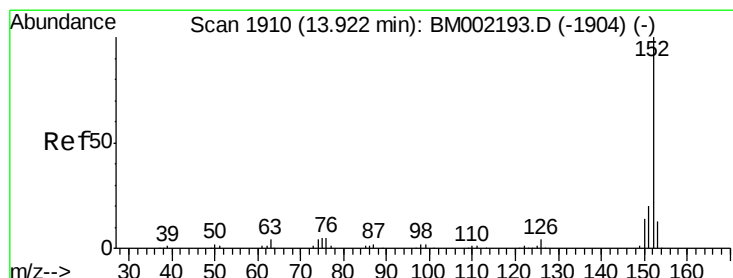
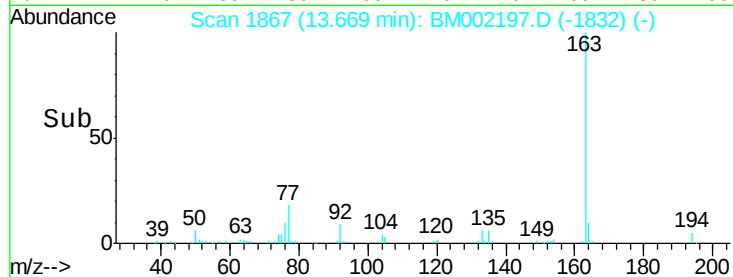
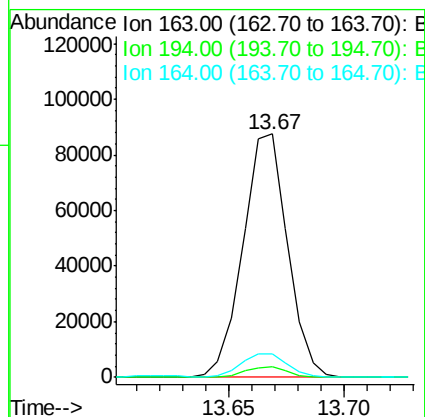
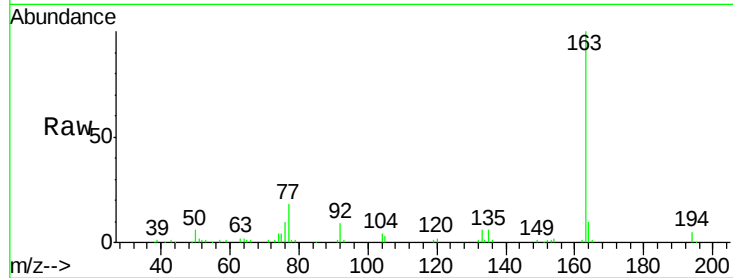
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Dimethylphthalate
Concen: 7.04 ng/ul
RT: 13.67 min Scan# 1867
Delta R.T. 0.01 min
Lab File: BM002197.D
Acq: 03 Aug 2015 14:53

Instrument :
BNA_M
ClientSampleId :
C01L3

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	118100		
194	4.6	3.5	5.3	
164	9.9	8.0	12.0	

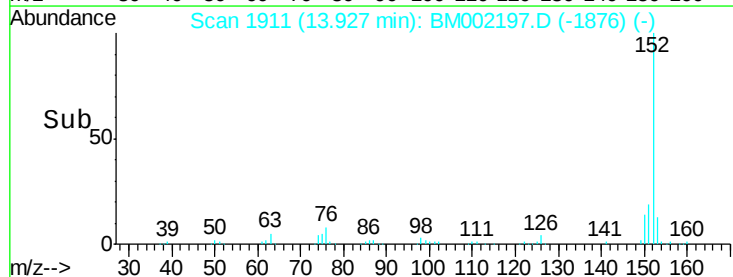
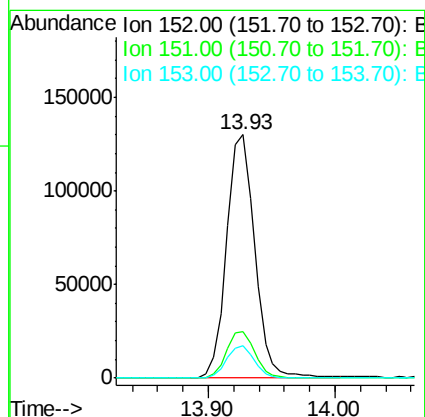
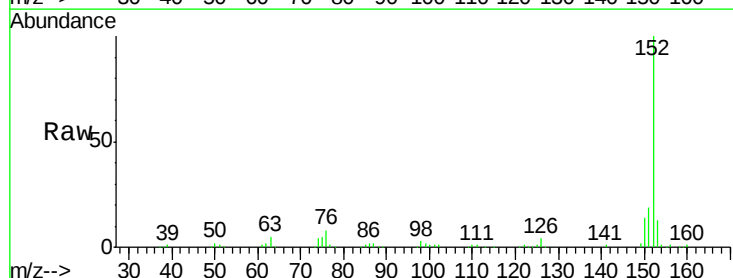
Manual Integrations
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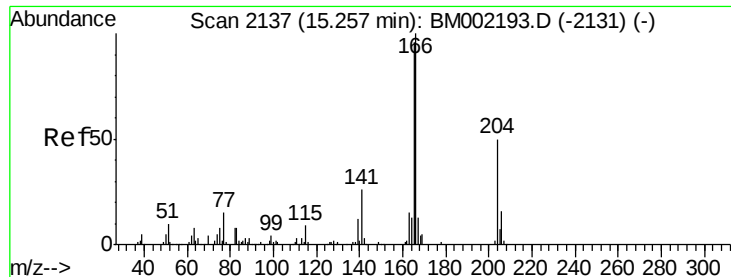
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#48
Acenaphthylene
Concen: 9.31 ng/ul
RT: 13.93 min Scan# 1911
Delta R.T. 0.01 min
Lab File: BM002197.D
Acq: 03 Aug 2015 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	201710		
151	19.1	15.6	23.4	
153	13.1	10.3	15.5	





#59

Fluorene

Concen: 2.58 ng/ul

RT: 15.26 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BM002197.D

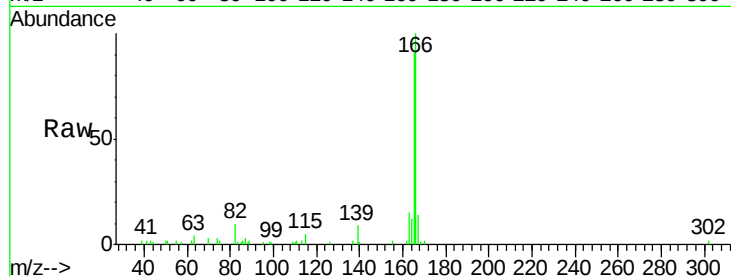
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Instrument :

BNA_M

ClientSampleId :

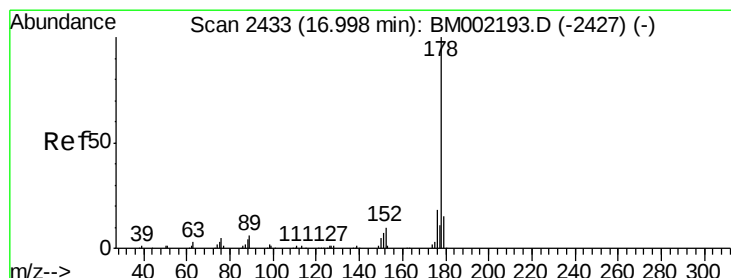
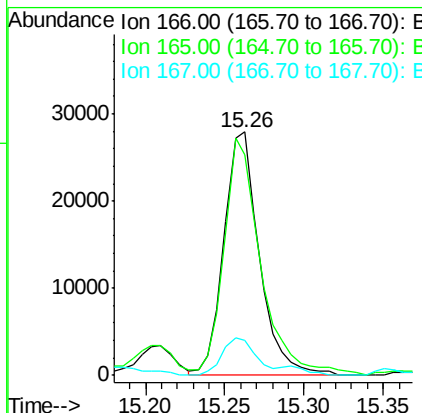
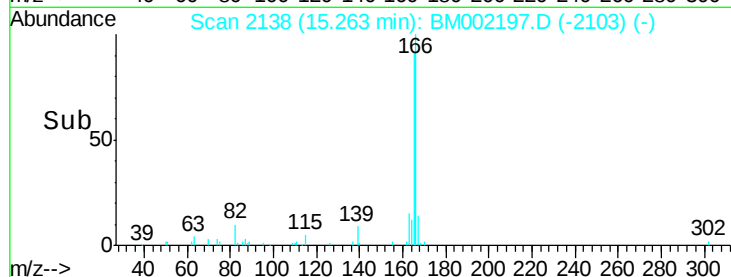
C01L3



Tgt Ion:	166	Resp:	43408
Ion Ratio	Lower	Upper	
166	100		
165	90.7	75.6	113.4
167	14.2	10.5	15.7

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#70

Phenanthrene

Concen: 26.22 ng/ul

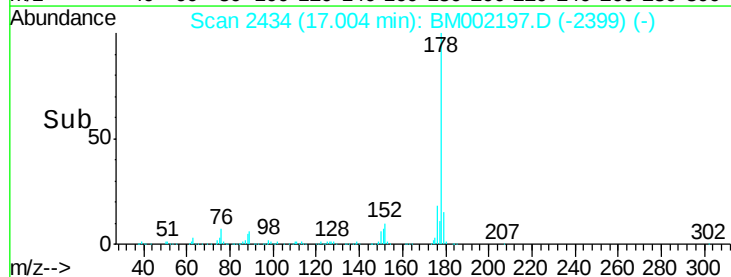
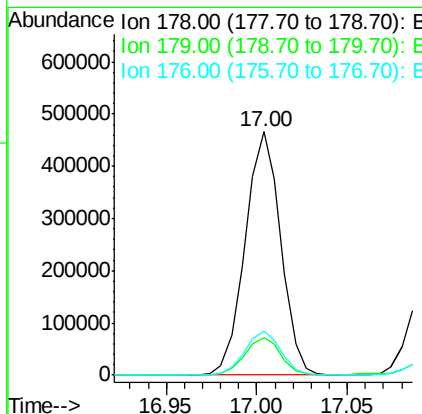
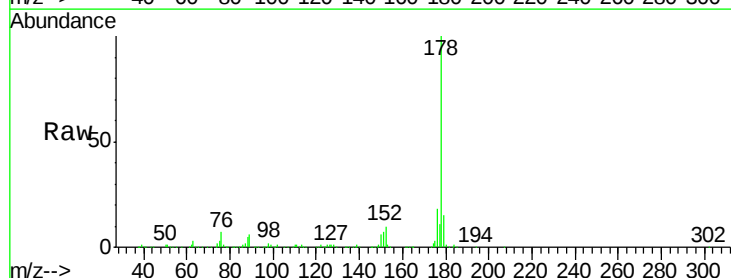
RT: 17.00 min Scan# 2434

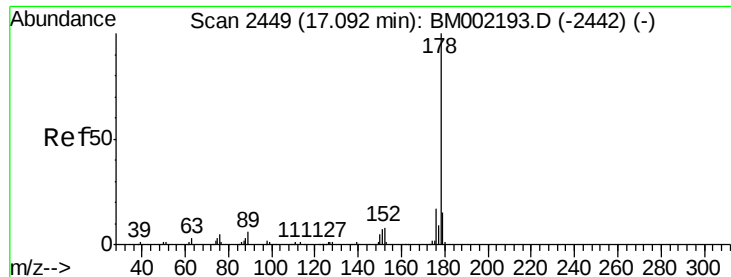
Delta R.T. 0.01 min

Lab File: BM002197.D

Acq: 03 Aug 2015 14:53

Tgt Ion:	178	Resp:	631968
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.5	18.7
176	18.2	14.2	21.4





#72

Anthracene

Concen: 9.85 ng/ul

RT: 17.09 min Scan# 2449

Delta R.T. -0.00 min

Lab File: BM002197.D

Acq: 03 Aug 2015 14:53

Instrument :

BNA_M

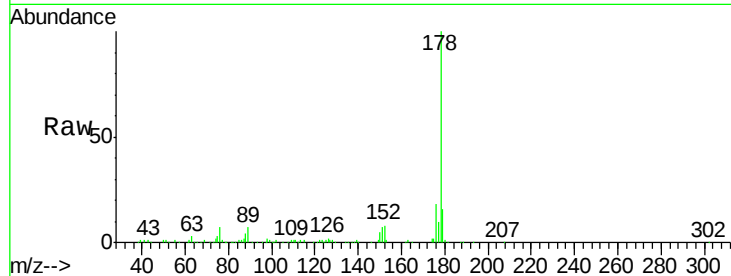
ClientSampleId :

C01L3

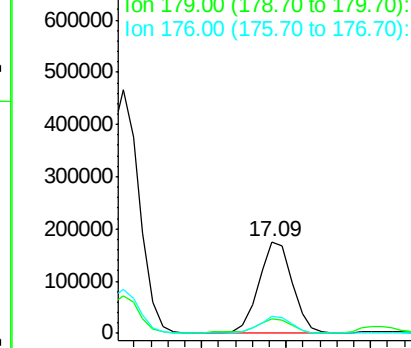
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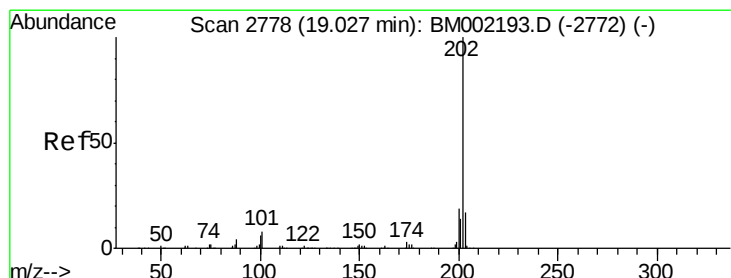
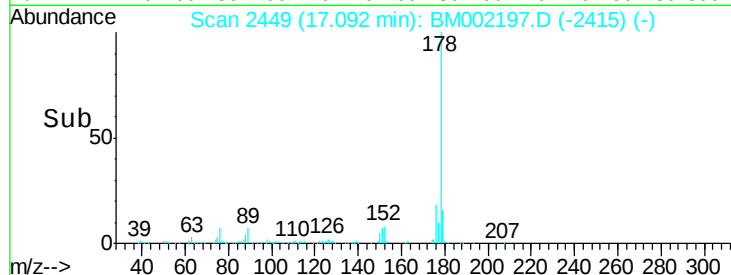
Tgt Ion:	178	Resp:	242675
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.1	18.1
176	18.2	14.1	21.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Fluoranthene

Concen: 82.87 ng/ul

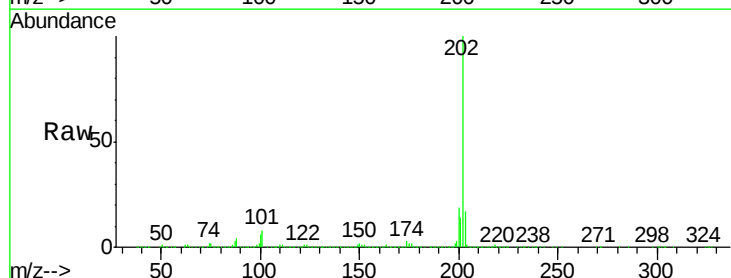
RT: 19.04 min Scan# 2780

Delta R.T. 0.01 min

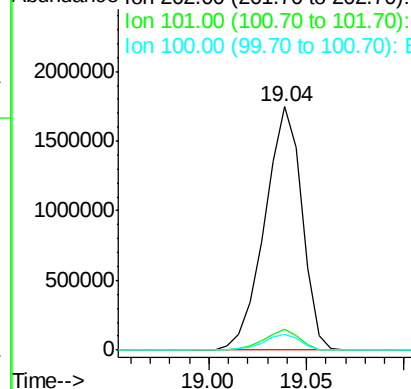
Lab File: BM002197.D

Acq: 03 Aug 2015 14:53

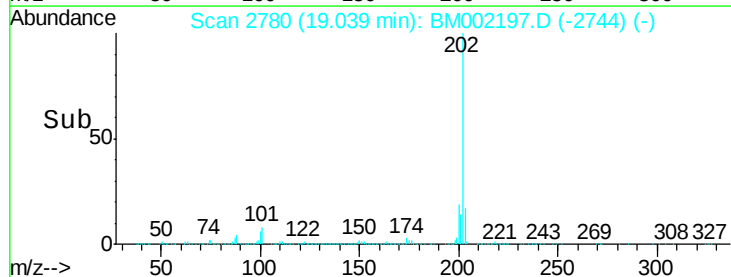
Tgt Ion:	202	Resp:	2306225
Ion Ratio	Lower	Upper	
202	100		
101	8.4	6.2	9.4
100	6.3	5.2	7.8

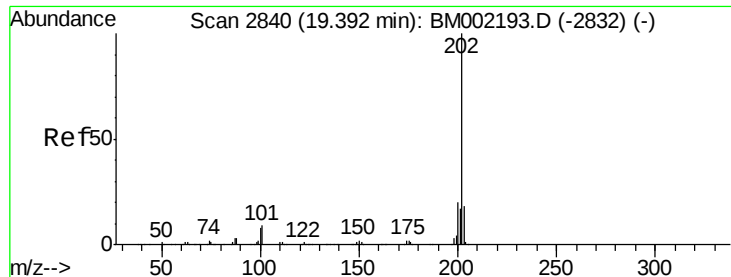


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





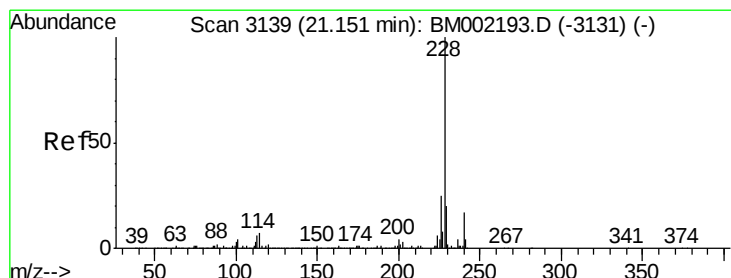
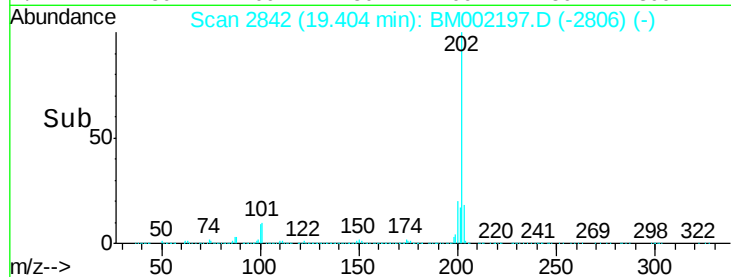
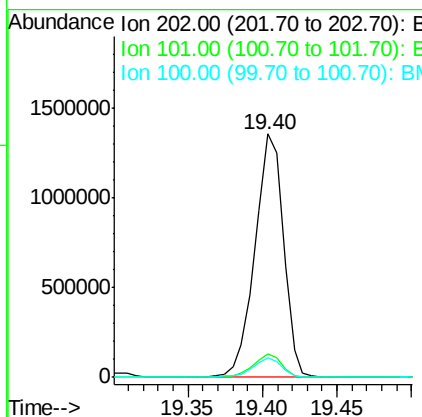
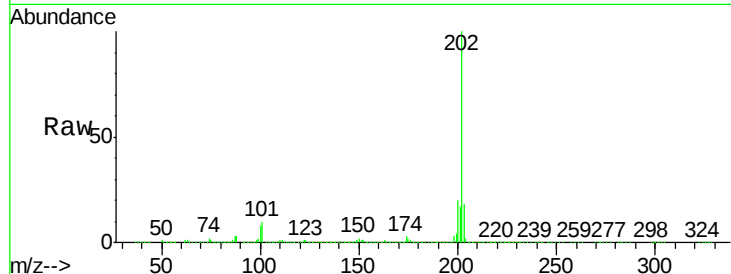
#80
 Pyrene
 Concen: 73.87 ng/ul
 RT: 19.40 min Scan# 2842
 Delta R.T. 0.01 min
 Lab File: BM002197.D
 Acq: 03 Aug 2015 14:53

Instrument :
 BNA_M
 ClientSampleId :
 C01L3

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.4	11.2
100	8.2	6.3	9.5

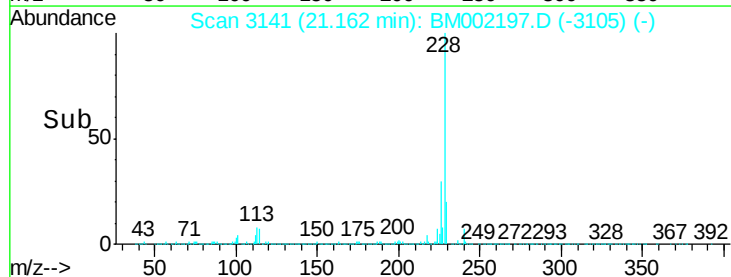
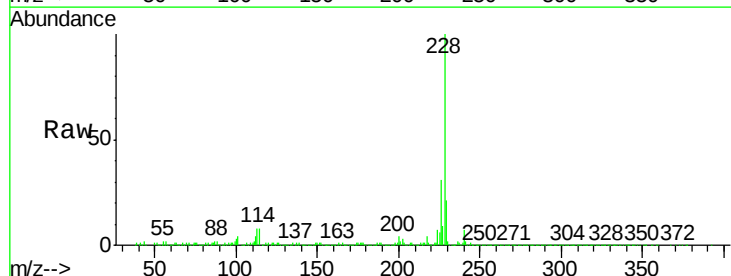
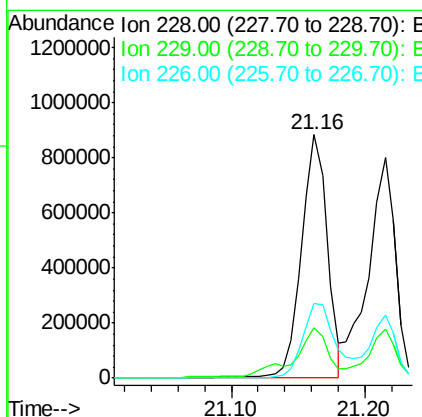
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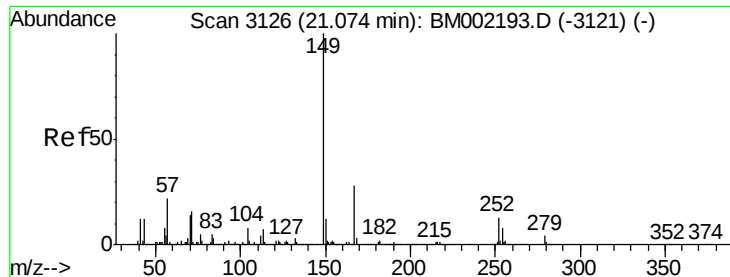
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 8/6/2015 4:15:17 PM



#83
 Benzo(a)anthracene
 Concen: 47.30 ng/ul
 RT: 21.16 min Scan# 3141
 Delta R.T. 0.01 min
 Lab File: BM002197.D
 Acq: 03 Aug 2015 14:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.2
226	30.6	20.5	30.7





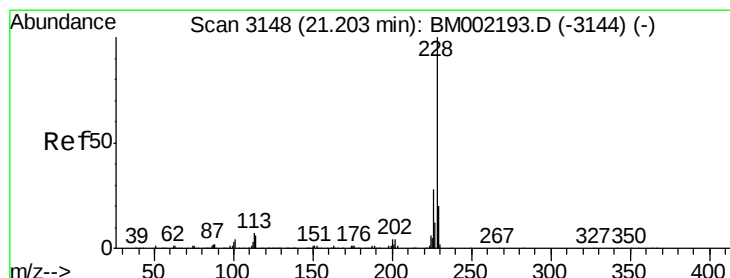
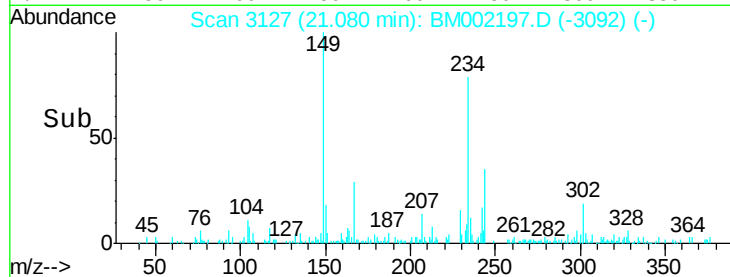
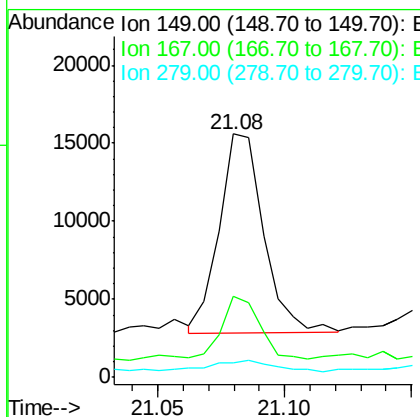
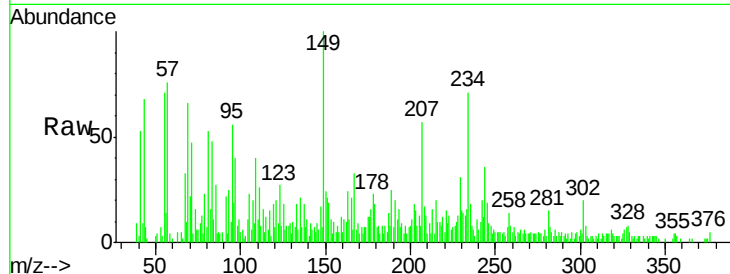
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 Bis(2-ethylhexyl)phthalate
 Concen: 1.10 ng/ul
 RT: 21.08 min Scan# 3127
 Delta R.T. 0.01 min
 Lab File: BM002197.D
 Acq: 03 Aug 2015 14:53

Instrument :
 BNA_M
 ClientSampleId :
 C01L3

Tgt Ion:	149	Resp:	15517
Ion Ratio	Lower	Upper	
149	100		
167	33.2	23.6	35.4
279	5.9	4.2	6.4

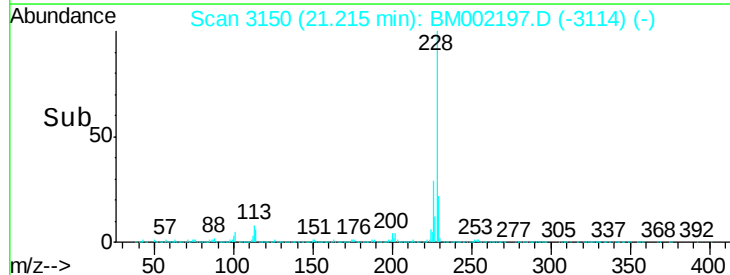
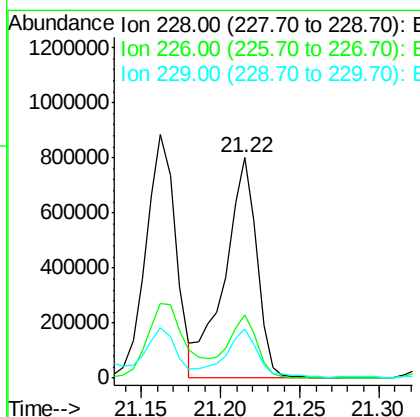
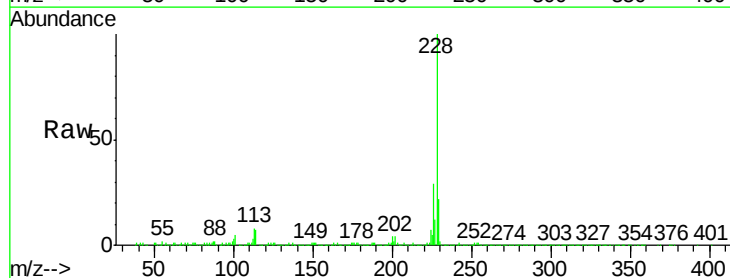
Manual Integrations
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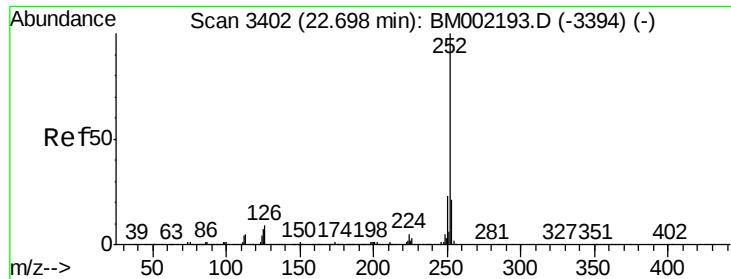
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#85
 Chrysene
 Concen: 48.63 ng/ul
 RT: 21.22 min Scan# 3150
 Delta R.T. 0.01 min
 Lab File: BM002197.D
 Acq: 03 Aug 2015 14:53

Tgt Ion:	228	Resp:	1120225
Ion Ratio	Lower	Upper	
228	100		
226	28.8	22.3	33.5
229	22.1	15.5	23.3





#88

Benzo(b)fluoranthene

Concen: 62.39 ng/ul

RT: 22.72 min Scan# 3406

Delta R.T. 0.02 min

Lab File: BM002197.D

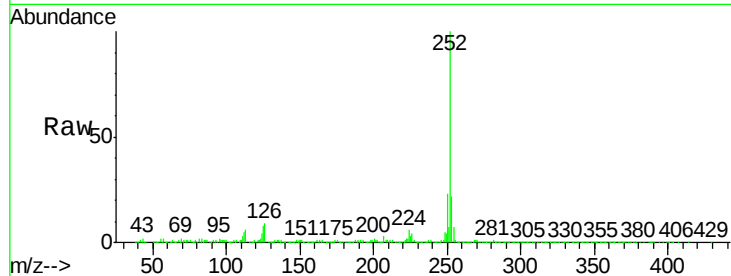
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Instrument :

BNA_M

ClientSampleId :

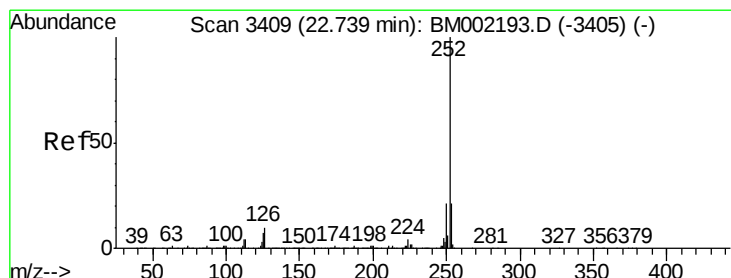
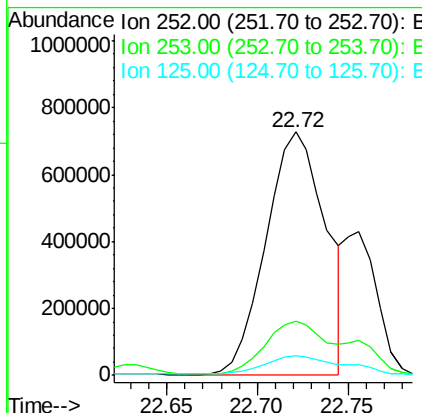
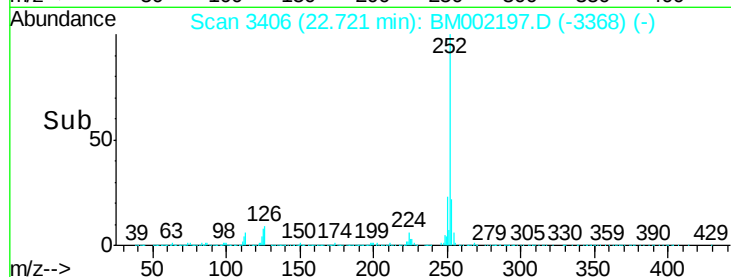
C01L3



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.9	25.3
125	8.0	6.2	9.2

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 20.51 ng/ul m

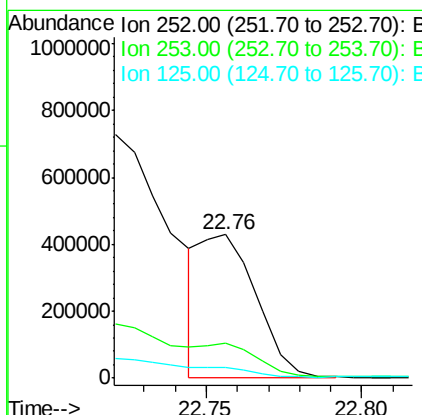
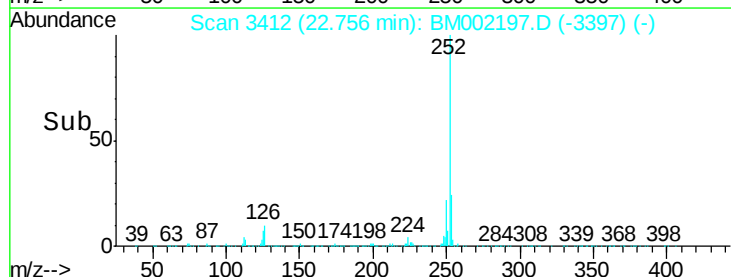
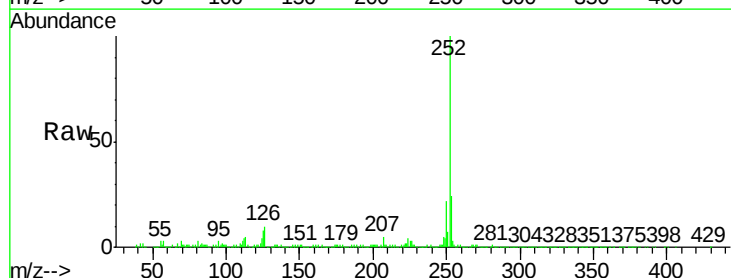
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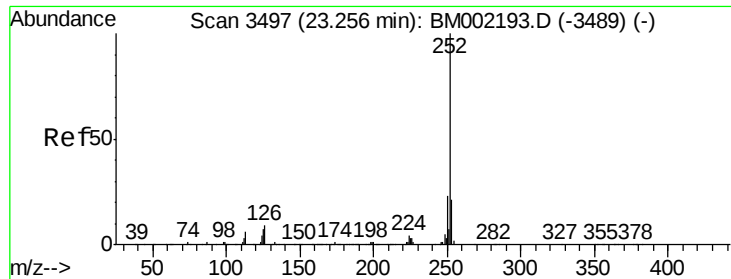
Delta R.T. 0.02 min

Lab File: BM002197.D

Acq: 03 Aug 2015 14:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.0
125	7.8	6.2	9.4





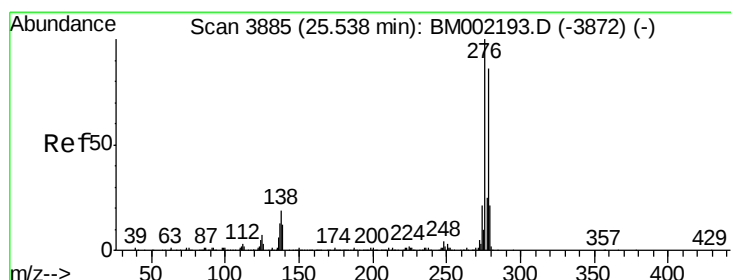
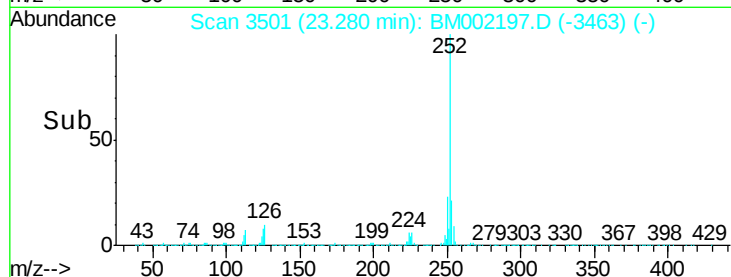
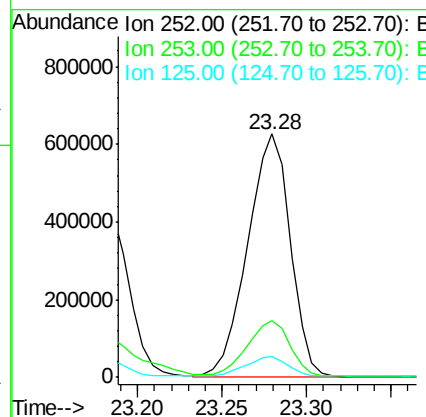
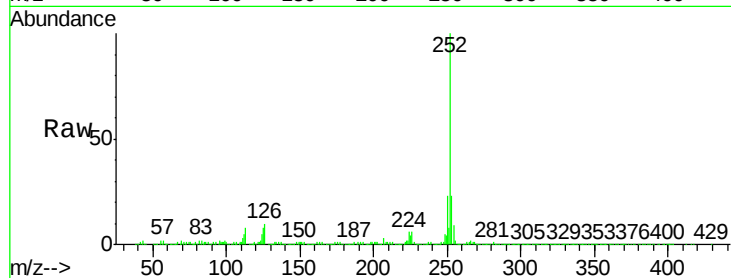
#91
Benzo(a)pyrene
Concen: 42.56 ng/ul
RT: 23.28 min Scan# 3501
Delta R.T. 0.02 min
Lab File: BM002197.D
Acq: 03 Aug 2015 14:53

Instrument :
BNA_M
ClientSampleId :
C01L3

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	8.3	6.6	10.0

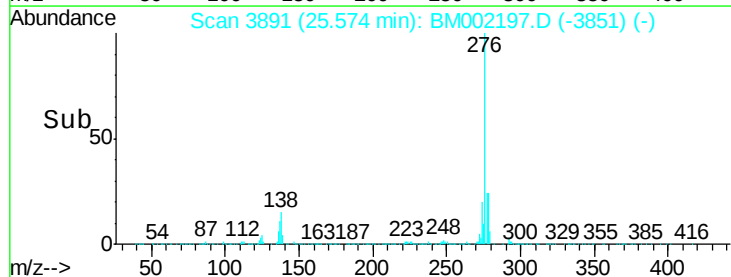
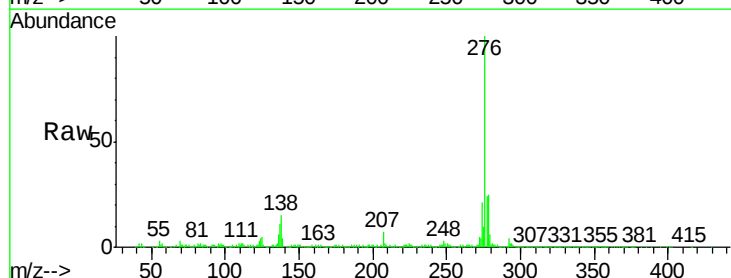
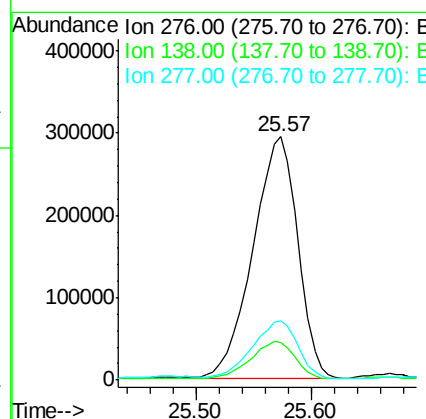
Manual Integrations
APPROVED

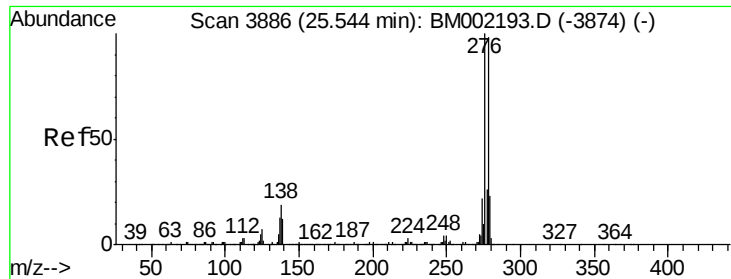
MMDadoda
8/6/2015 4:15:17 PM



#92
Indeno(1,2,3-cd)pyrene
Concen: 26.86 ng/ul
RT: 25.57 min Scan# 3891
Delta R.T. 0.04 min
Lab File: BM002197.D
Acq: 03 Aug 2015 14:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	16.2	24.2#
277	24.5	19.8	29.8





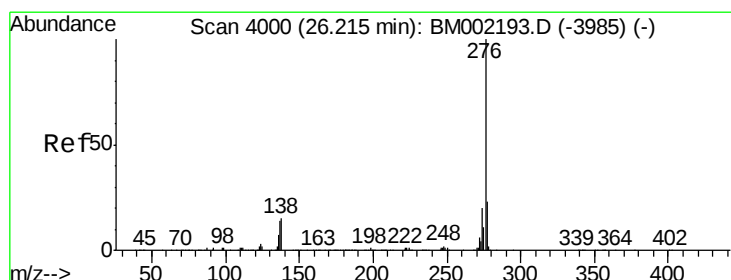
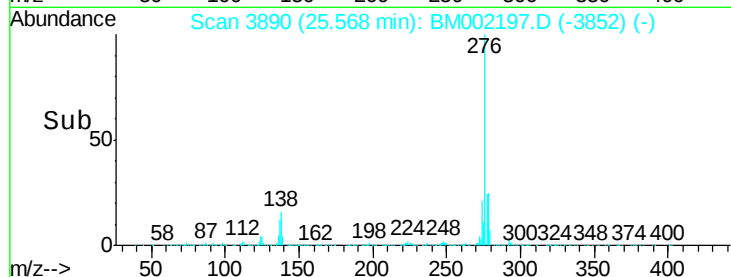
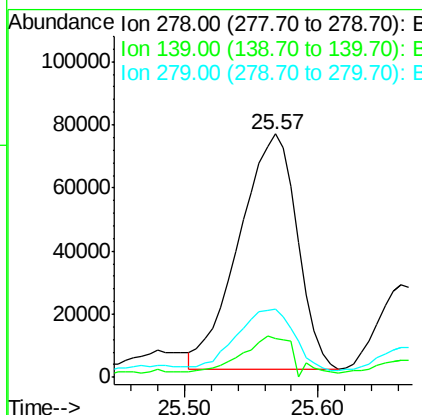
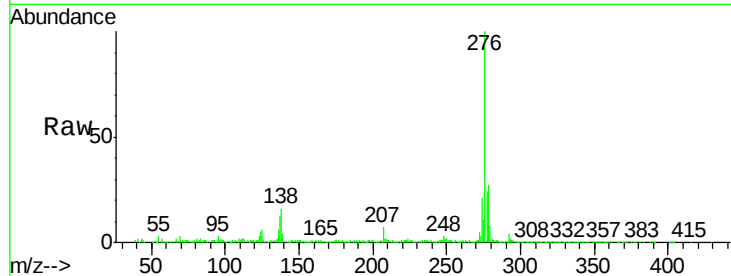
#93
Dibenzo(a,h)anthracene
Concen: 8.88 ng/ul
RT: 25.57 min Scan# 3890
Delta R.T. 0.02 min
Lab File: BM002197.D
Acq: 03 Aug 2015 14:53

Instrument :
BNA_M
ClientSampleId :
C01L3

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	224830		
139	15.8	10.6	16.0	
279	28.1	18.5	27.7#	

Manual Integrations
APPROVED

MMDadoda
8/6/2015 4:15:17 PM



#94
Benzo(g,h,i)perylene
Concen: 26.67 ng/ul
RT: 26.25 min Scan# 4006
Delta R.T. 0.04 min
Lab File: BM002197.D
Acq: 03 Aug 2015 14:53

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	661735		
138	15.9	13.8	20.6	
277	24.0	18.2	27.2	

