

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
 Data File : BM011680.D
 Acq On : 22 Sep 2017 07:08
 Operator : SJ/JU
 Sample : I5287-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3J1

Manual Integrations
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Sohil
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Quant Time: Sep 22 09:31:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 08:34:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	522925	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	2387553	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	1303699	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2758193	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	2101910	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1743217	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	37978	3.27	ng/uL	0.00
5) Phenol-d5	7.11	99	964631	19.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	718511	21.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	782669	20.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	722414	18.43	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	388205m	21.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	410538	21.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	727840	19.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	395778	9.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	2324829	21.09	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2877662	21.59	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	211197	10.20	ng/ul	0.00
58) Fluorene-d10	15.58	176	2010945	21.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	200330	12.48	ng/ul	0.00
71) Anthracene-d10	17.43	188	2948556	21.71	ng/ul	0.00
79) Pyrene-d10	19.72	212	3141812	31.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	1899545	22.86	ng/ul	0.00
Target Compounds				Ovalue		
6) Phenol	7.14	94	123549	2.479	ng/ul	93
28) Naphthalene	10.82	128	150054	1.212	ng/ul	98
45) Dimethylphthalate	14.04	163	370649	3.513	ng/ul#	97
50) Acenaphthene	14.66	153	119916	1.323	ng/ul	93
59) Fluorene	15.63	166	127183	1.197	ng/ul	99
70) Phenanthrene	17.37	178	2240923	14.576	ng/ul	99
72) Anthracene	17.47	178	443384	2.811	ng/ul	97
75) Carbazole	17.73	167	202329	1.503	ng/ul	97
77) Fluoranthene	19.38	202	3317790	20.981	ng/ul#	91
80) Pyrene	19.74	202	2996461	24.434	ng/ul#	88
83) Benzo(a)anthracene	21.48	228	1268896	10.964	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.39	149	164624	1.901	ng/ul#	97
85) Chrysene	21.53	228	1218599	11.615	ng/ul	99
88) Benzo(b)fluoranthene	23.15	252	1353737	12.909	ng/ul#	89
89) Benzo(k)fluoranthene	23.19	252	448895m	4.457	ng/ul	
91) Benzo(a)pyrene	23.76	252	935030	9.446	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.30	276	625554	5.745	ng/ul#	93
93) Dibenzo(a,h)anthracene	26.29	278	166946	1.808	ng/ul#	87
94) Benzo(g,h,i)perylene	27.04	276	562377	6.377	ng/ul#	93

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

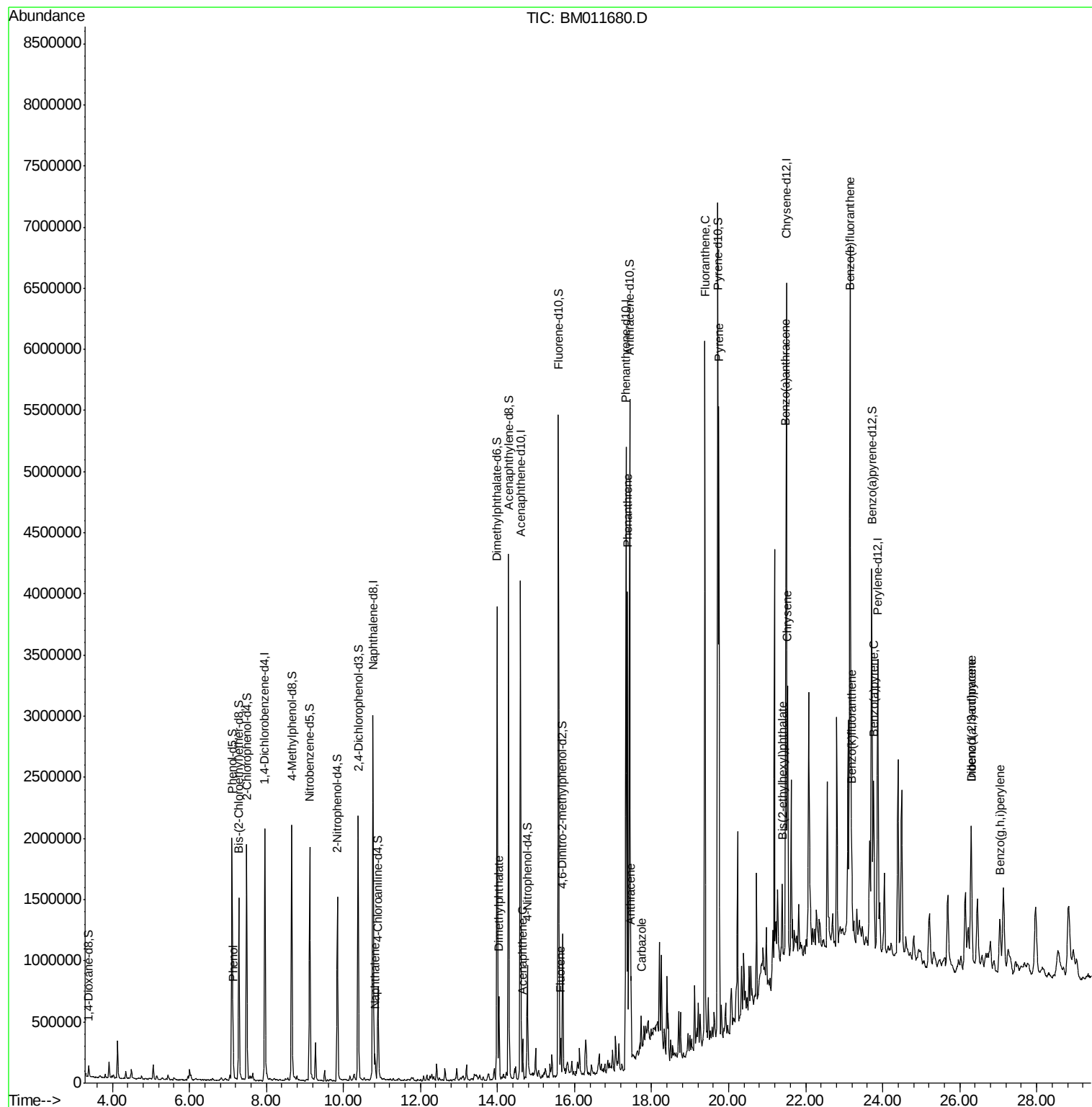
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092117\
Data File : BM011680.D
Acq On : 22 Sep 2017 07:08
Operator : SJ/JU
Sample : I5287-03
Misc :
ALS Vial : 31 Sample Multiplier: 1

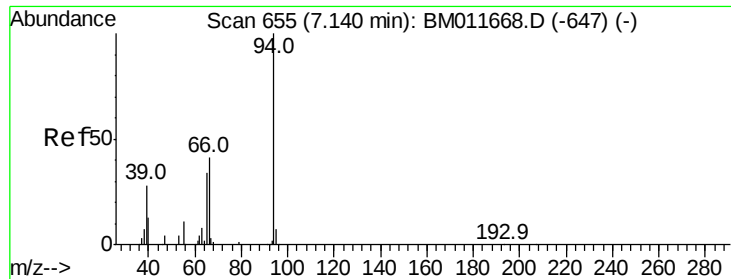
Instrument :
BNA_M
ClientSampleId :
CB3J1

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Quant Time: Sep 22 09:31:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 08:34:40 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.479 ng/ul

RT: 7.14 min Scan# 655

Delta R.T. -0.00 min

Lab File: BM011680.D

Acq: 22 Sep 2017 07:08

Instrument :

BNA_M

ClientSampled :

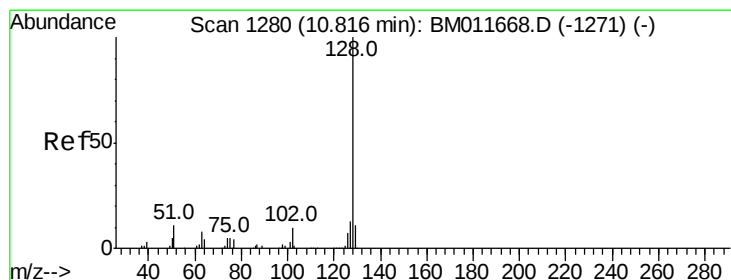
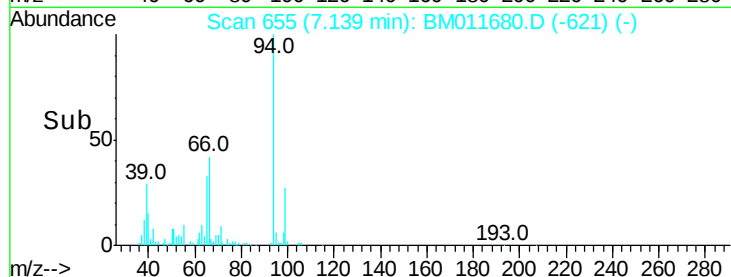
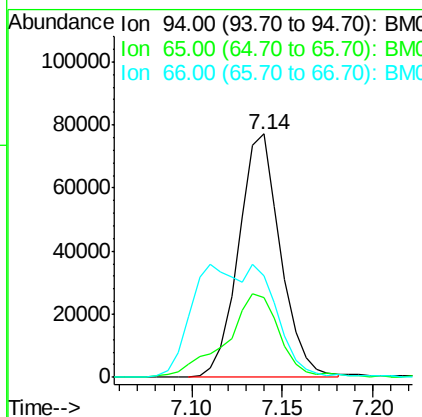
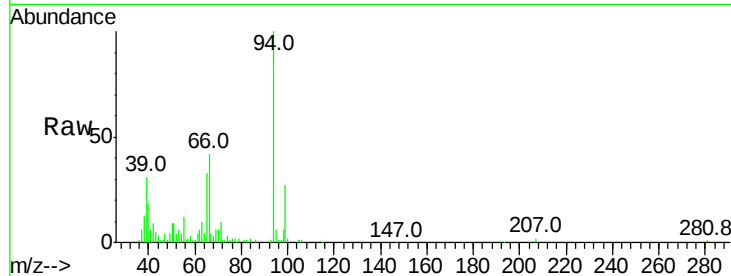
CB3J1

Tot Ion:	94	Resp:	123549
Ion Ratio	Lower	Upper	
94	100		
65	33.0	23.0	34.6
66	41.8	30.4	45.6

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#28

Naphthalene

Concen: 1.212 ng/ul

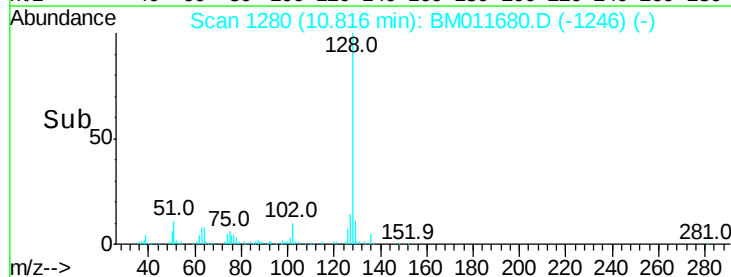
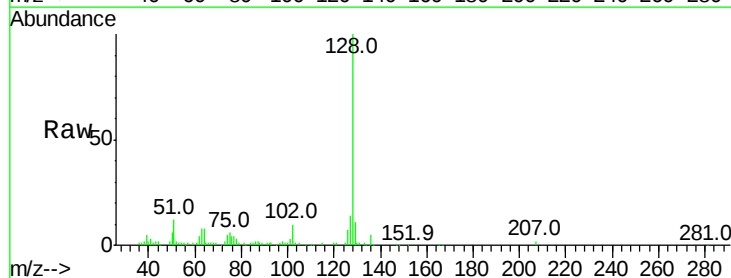
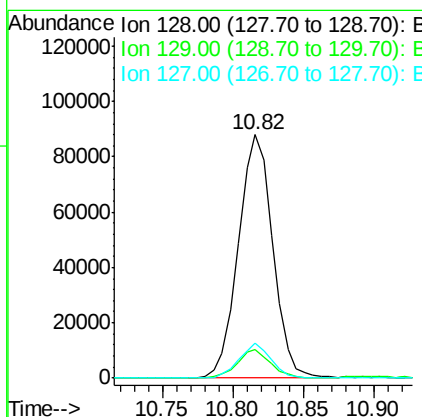
RT: 10.82 min Scan# 1280

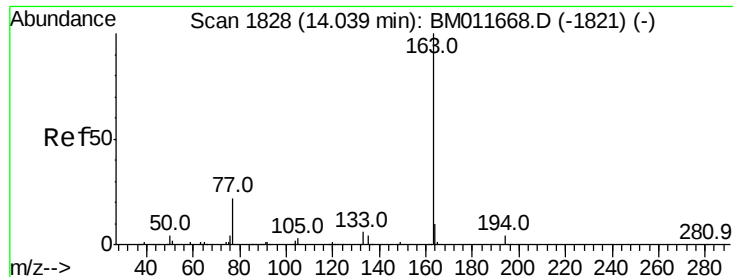
Delta R.T. -0.00 min

Lab File: BM011680.D

Acq: 22 Sep 2017 07:08

Tgt Ion:	128	Resp:	150054
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.3	12.5
127	14.3	10.8	16.2





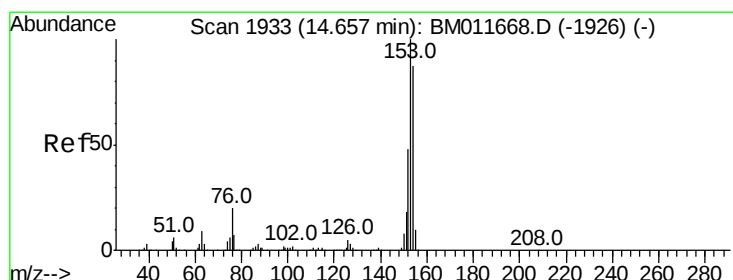
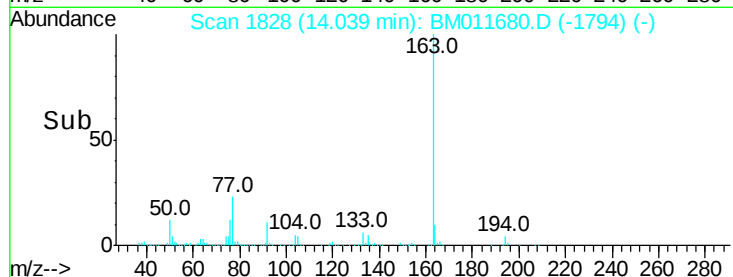
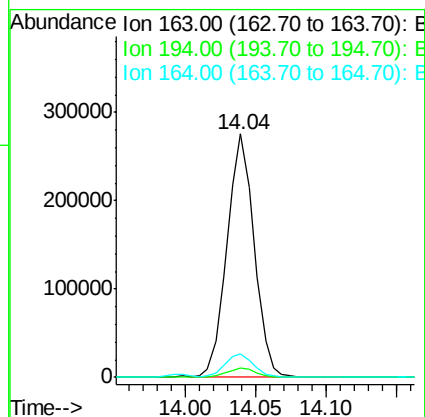
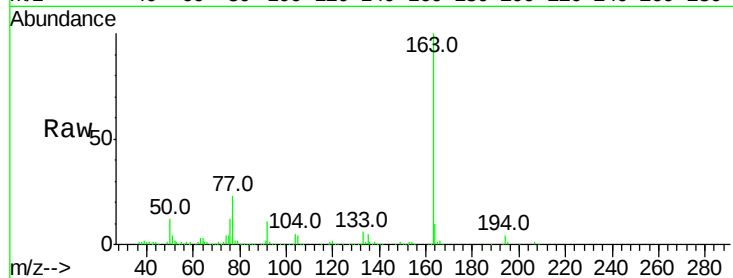
#45
Dimethylphthalate
Concen: 3.513 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BM011680.D
Acq: 22 Sep 2017 07:08

Instrument :
BNA_M
ClientSampled :
CB3J1

Tot Ion	Ratio	Resp	Lower	Upper
163	100	370649		
194	3.7		4.0	6.0#
164	9.6		8.4	12.6

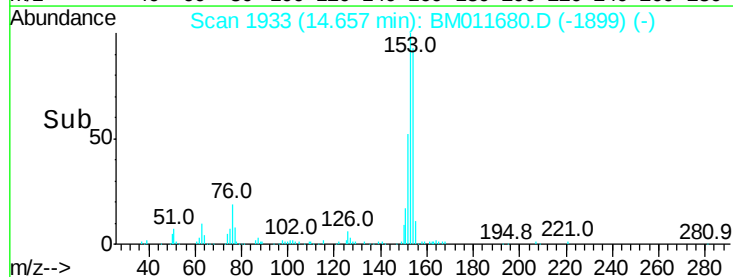
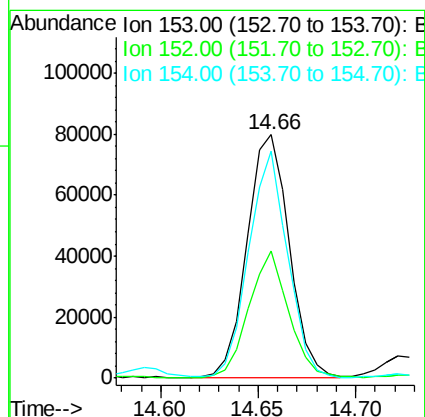
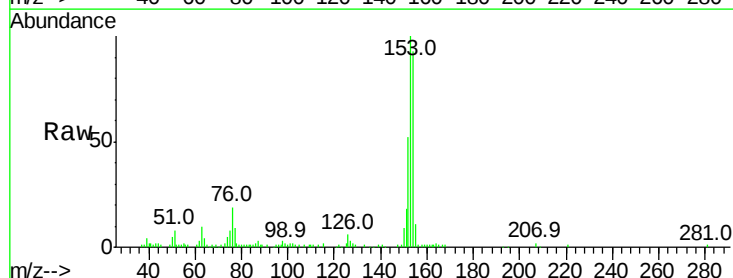
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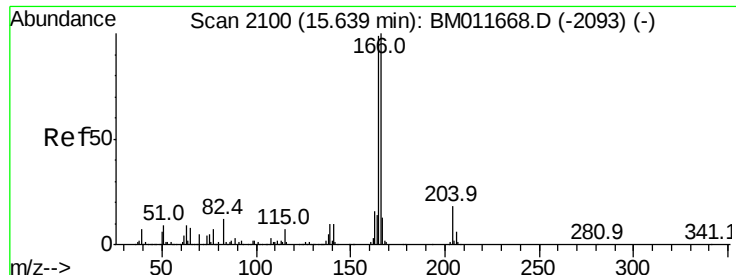
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#50
Acenaphthene
Concen: 1.323 ng/ul
RT: 14.66 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BM011680.D
Acq: 22 Sep 2017 07:08

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	119916		
152	52.2		37.9	56.9
154	93.2		69.8	104.6





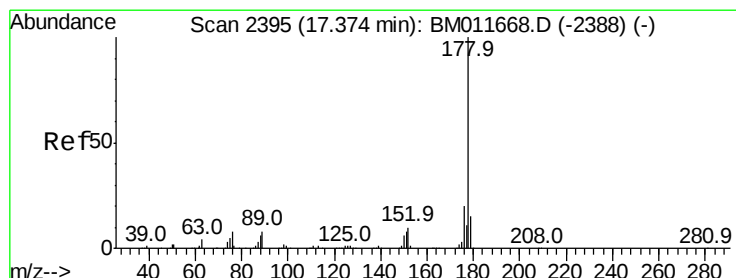
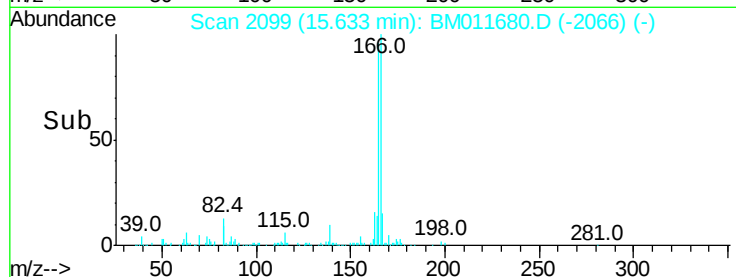
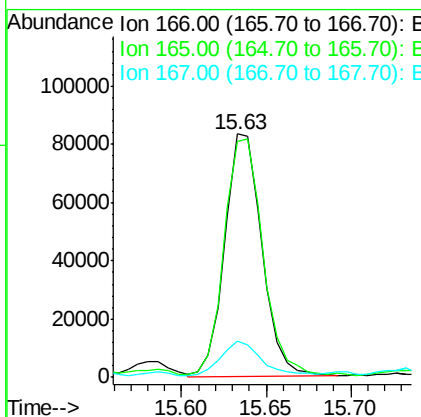
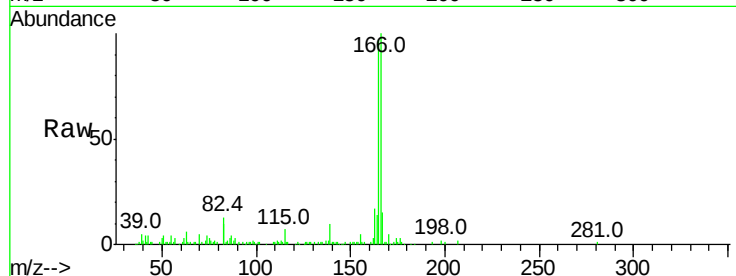
#59
Fluorene
 Concen: 1.197 ng/ul
 RT: 15.63 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BM011680.D
 Acq: 22 Sep 2017 07:08

Instrument :
 BNA_M
 ClientSampled :
 CB3J1

Tot Ion	Ratio	Resp	Lower	Upper
166	100	127183		
165	96.8		78.4	117.6
167	15.1		11.1	16.7

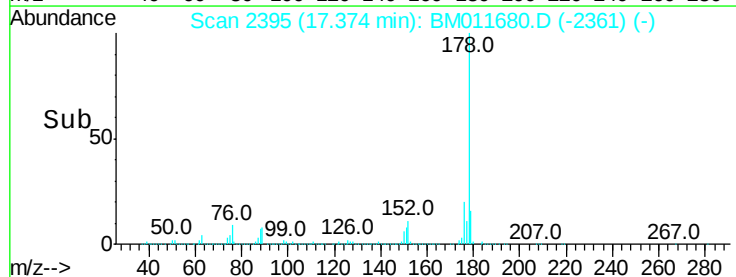
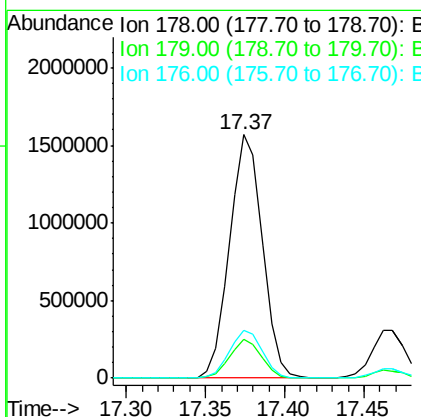
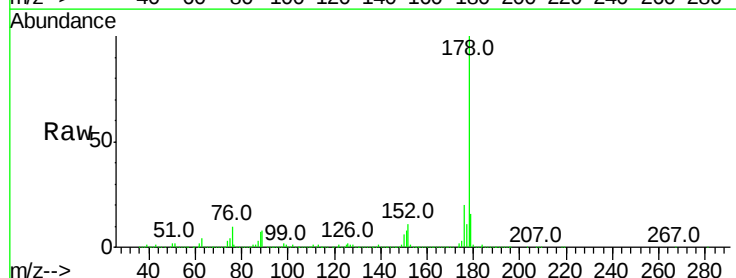
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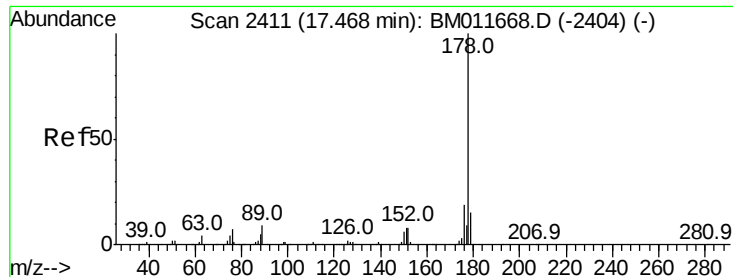
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#70
Phenanthrene
 Concen: 14.576 ng/ul
 RT: 17.37 min Scan# 2395
 Delta R.T. -0.00 min
 Lab File: BM011680.D
 Acq: 22 Sep 2017 07:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2240923		
179	15.8		12.3	18.5
176	19.7		15.4	23.0





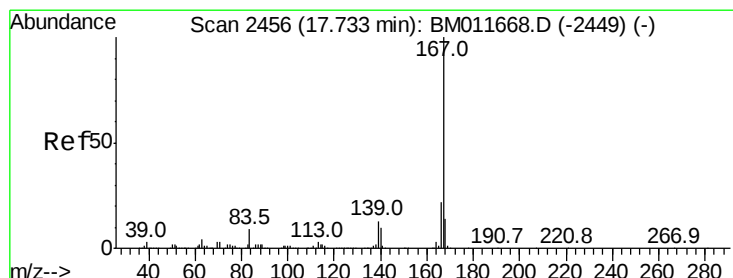
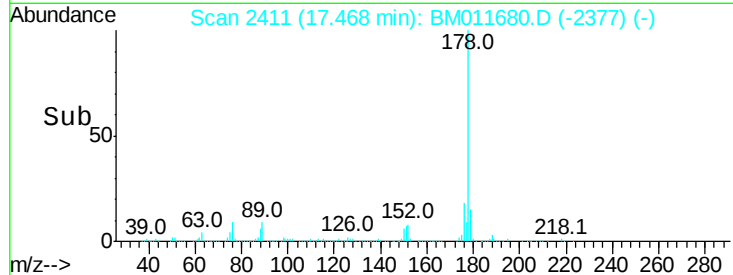
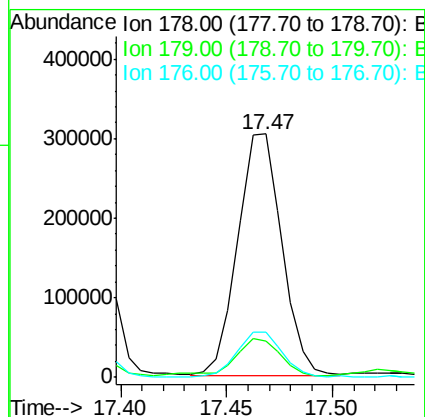
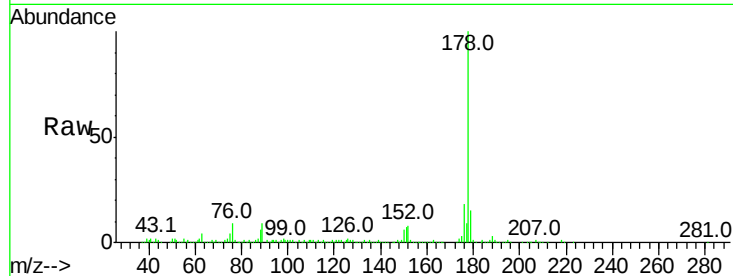
#72
 Anthracene
 Concen: 2.811 ng/ul
 RT: 17.47 min Scan# 2411
 Delta R.T. -0.00 min
 Lab File: BM011680.D
 Acq: 22 Sep 2017 07:08

Instrument :
 BNA_M
 ClientSampleId :
 CB3J1

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	13.4	20.2
176	18.5	15.4	23.0

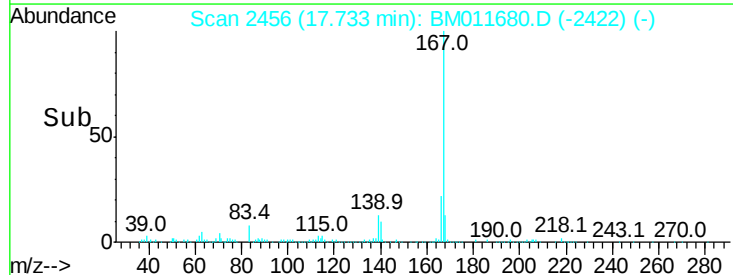
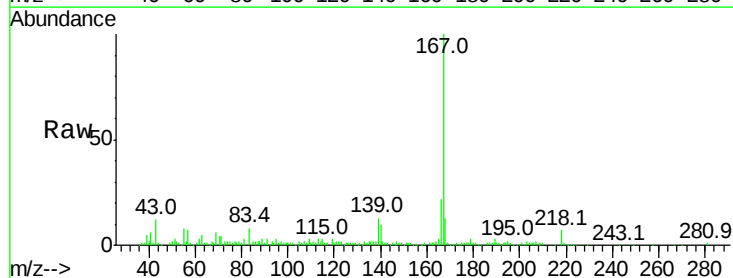
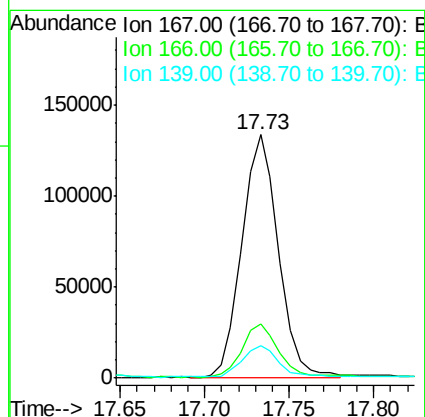
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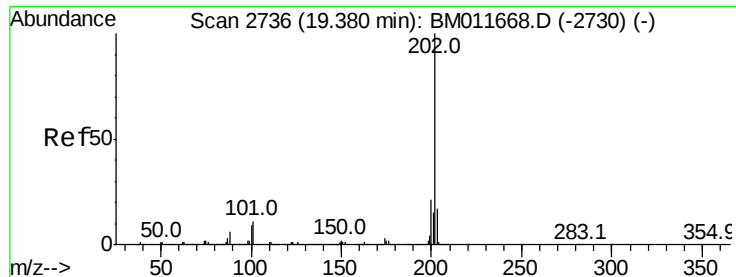
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#75
 Carbazole
 Concen: 1.503 ng/ul
 RT: 17.73 min Scan# 2456
 Delta R.T. -0.00 min
 Lab File: BM011680.D
 Acq: 22 Sep 2017 07:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.0	25.4
139	13.3	9.1	13.7





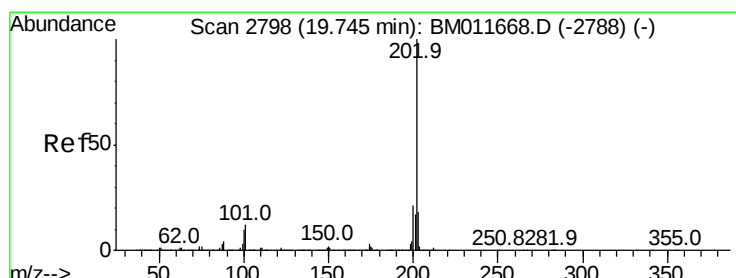
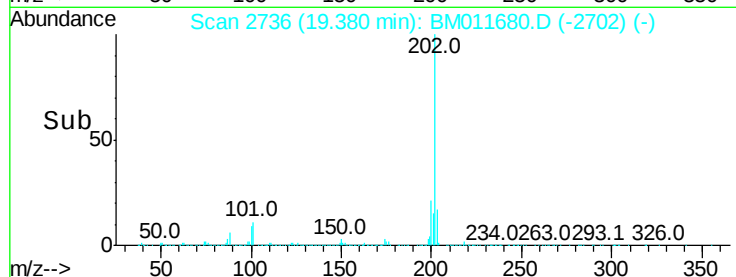
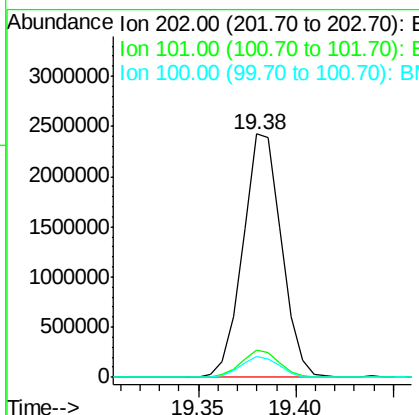
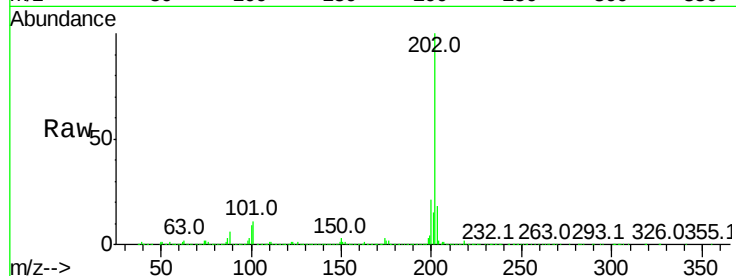
#77
Fluoranthene
Concen: 20.981 ng/ul
RT: 19.38 min Scan# 2736
Delta R.T. -0.00 min
Lab File: BM011680.D
Acq: 22 Sep 2017 07:08

Instrument :
BNA_M
ClientSampleId :
CB3J1

Tot Ion	Ratio	Resp	Lower	Upper
202	100	3317790		
101	11.0		6.1	9.1#
100	8.6		4.6	7.0#

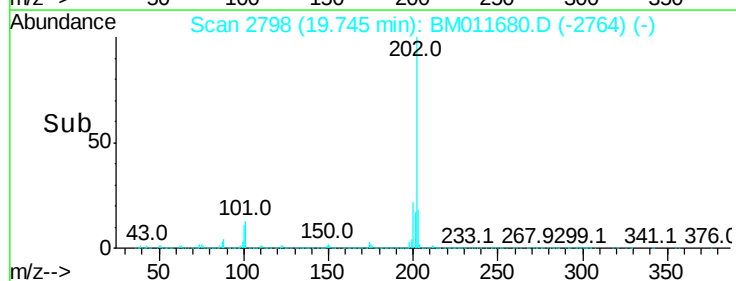
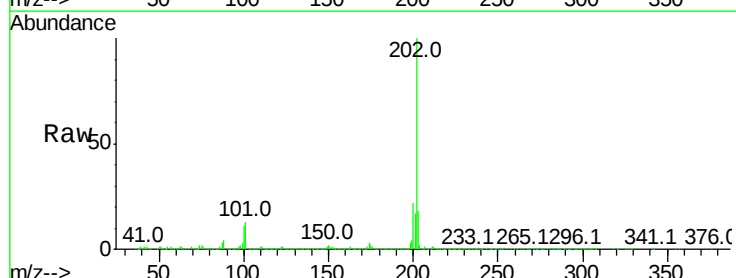
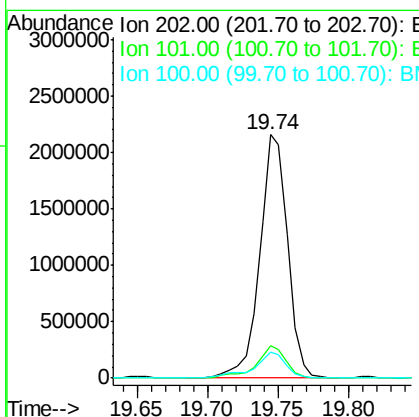
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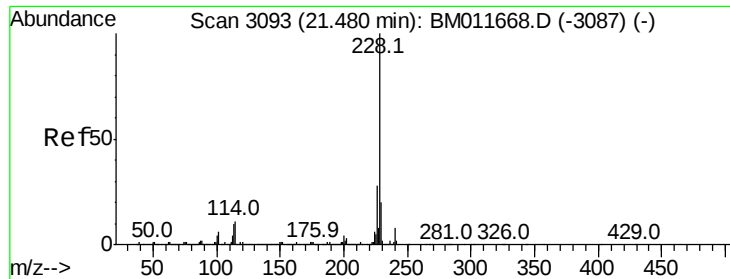
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#80
Pyrene
Concen: 24.434 ng/ul
RT: 19.74 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BM011680.D
Acq: 22 Sep 2017 07:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2996461		
101	13.1		6.9	10.3#
100	10.6		5.6	8.4#





#83

Benzo(a)anthracene

Concen: 10.964 ng/ul

RT: 21.48 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BM011680.D

Acq: 22 Sep 2017 07:08

Instrument :

BNA_M

ClientSampleId :

CB3J1

Tot Ion:228 Resp: 1268896

Ion Ratio Lower Upper

228 100

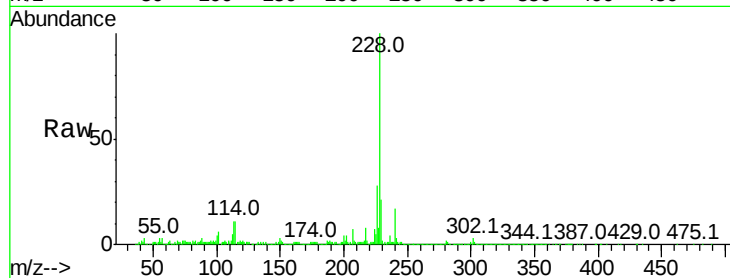
229 20.7 16.0 24.0

226 27.8 21.8 32.8

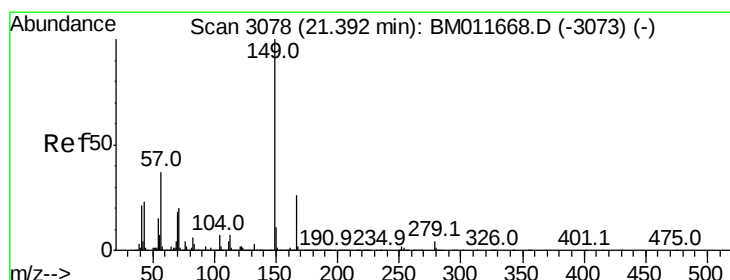
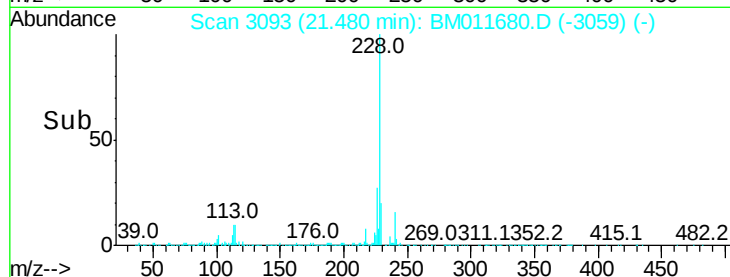
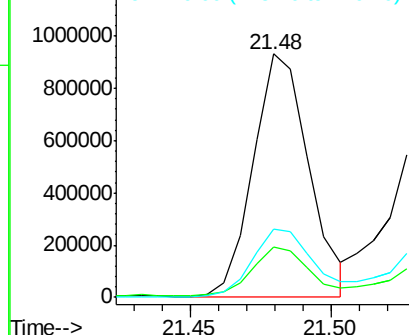
Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.901 ng/ul

RT: 21.39 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM011680.D

Acq: 22 Sep 2017 07:08

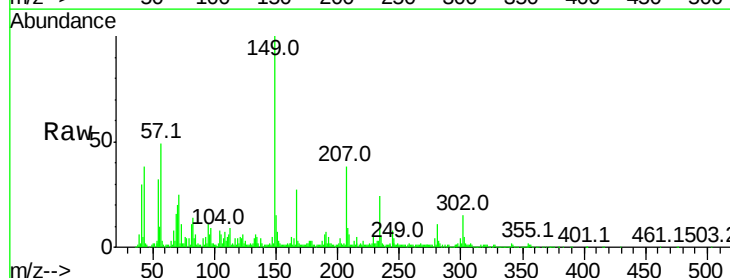
Tgt Ion:149 Resp: 164624

Ion Ratio Lower Upper

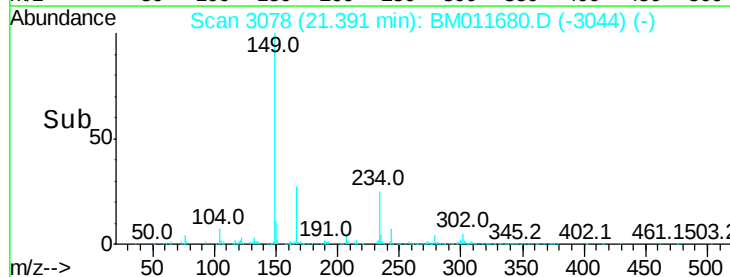
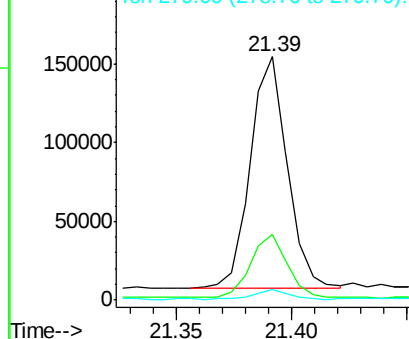
149 100

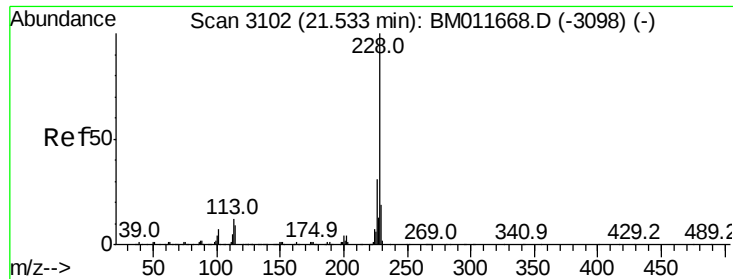
167 27.1 23.0 34.6

279 4.1 4.3 6.5#



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





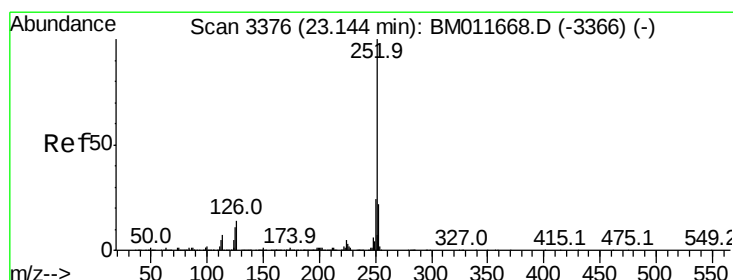
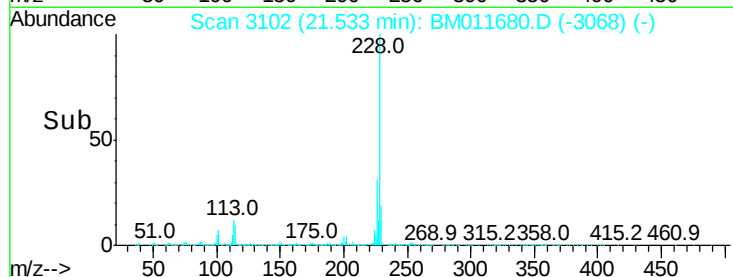
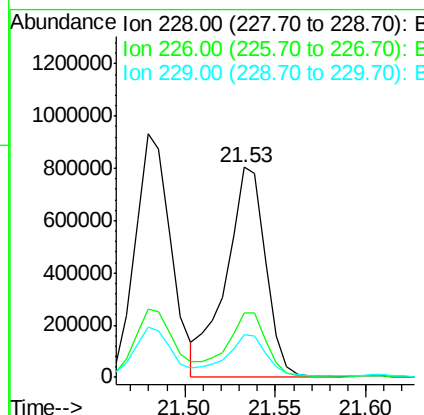
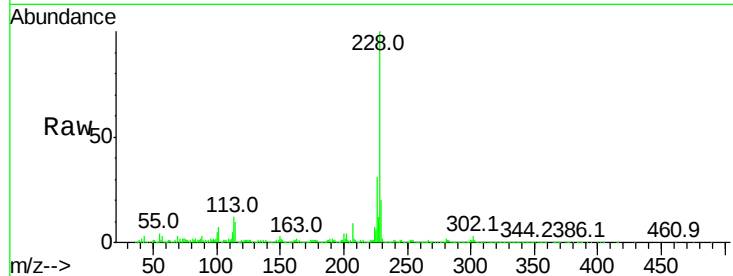
#85
 Chrysene
 Concen: 11.615 ng/ul
 RT: 21.53 min Scan# 3102
 Delta R.T. -0.00 min
 Lab File: BM011680.D
 Acq: 22 Sep 2017 07:08

Instrument :
 BNA_M
 ClientSampleId :
 CB3J1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	20.1	16.0	24.0

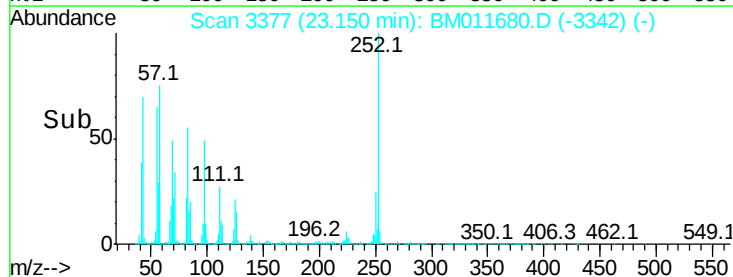
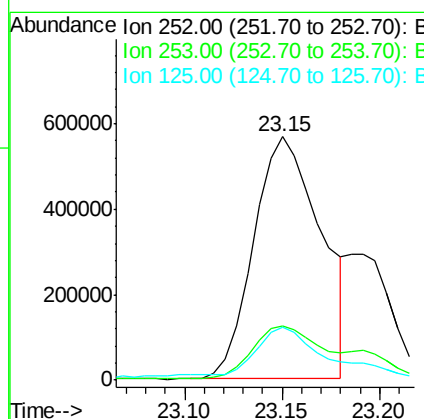
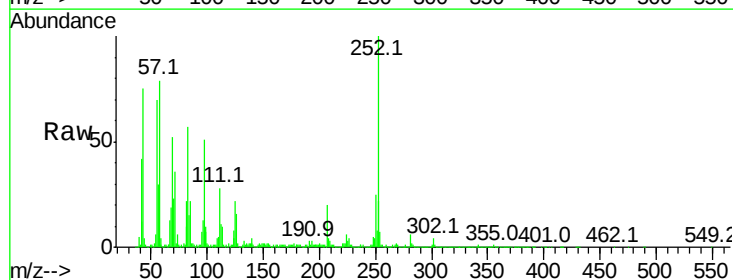
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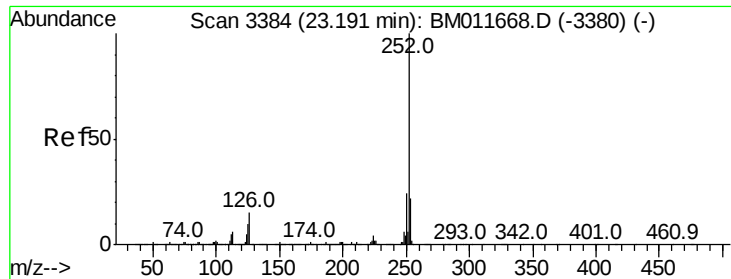
Sohil
 9/22/2017 4:06:44 PM



#88
 Benzo(b)fluoranthene
 Concen: 12.909 ng/ul
 RT: 23.15 min Scan# 3377
 Delta R.T. 0.01 min
 Lab File: BM011680.D
 Acq: 22 Sep 2017 07:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	21.9	4.9	7.3#





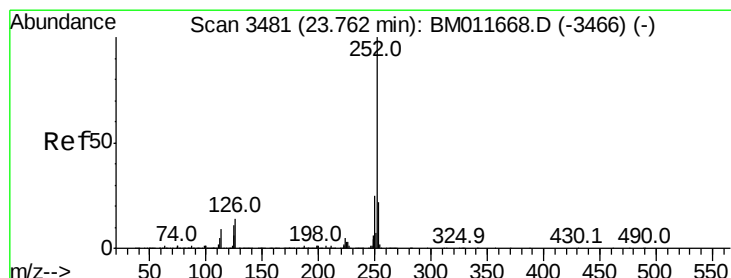
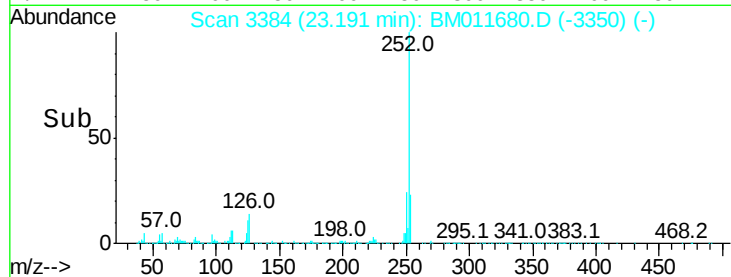
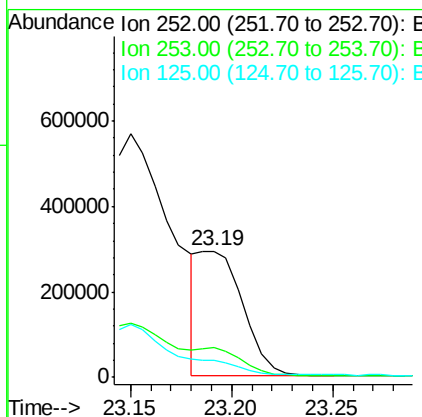
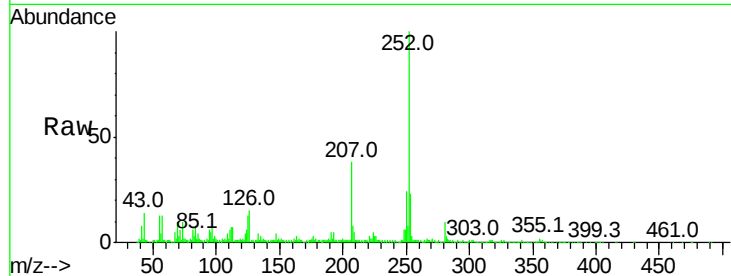
#89
Benzo(k)fluoranthene
Concen: 4.457 ng/ul
RT: 23.19 min Scan# 3384
Delta R.T. -0.00 min
Lab File: BM011680.D
Acq: 22 Sep 2017 07:08

Instrument :
BNA_M
ClientSampleId :
CB3J1

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	13.1	5.4	8.0

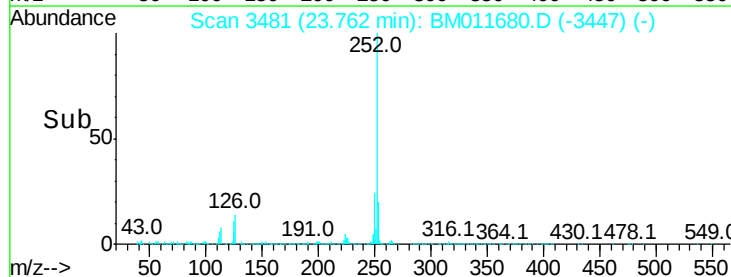
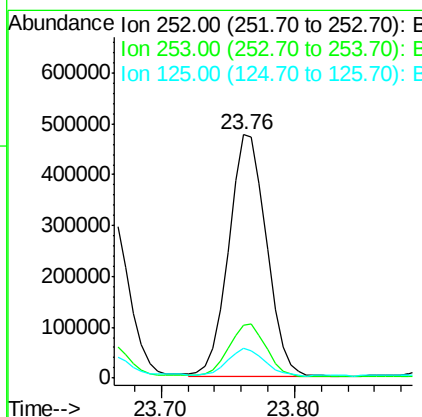
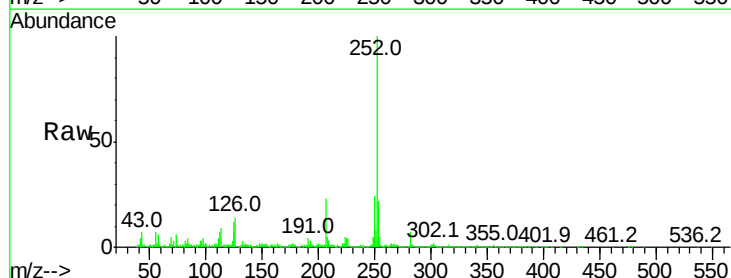
Manual Integrations
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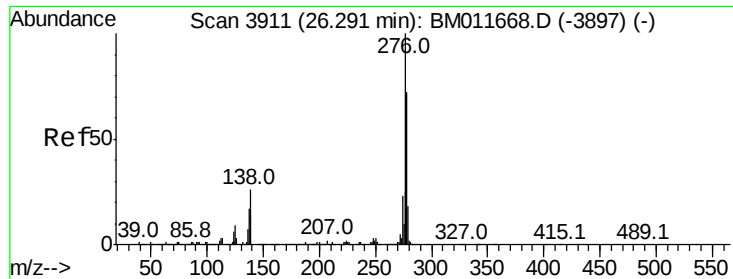
Sohil
9/22/2017 4:06:44 PM



#91
Benzo(a)pyrene
Concen: 9.446 ng/ul
RT: 23.76 min Scan# 3481
Delta R.T. -0.00 min
Lab File: BM011680.D
Acq: 22 Sep 2017 07:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	12.2	5.8	8.6





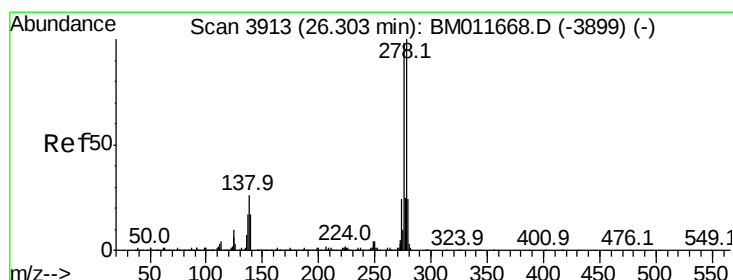
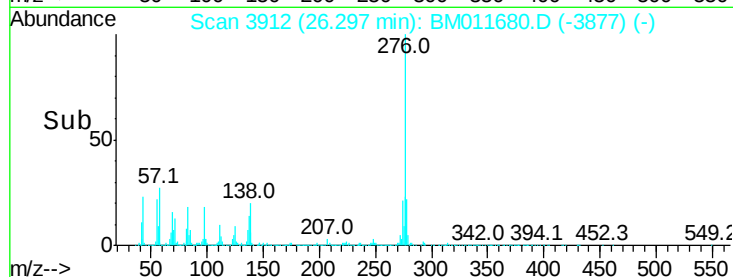
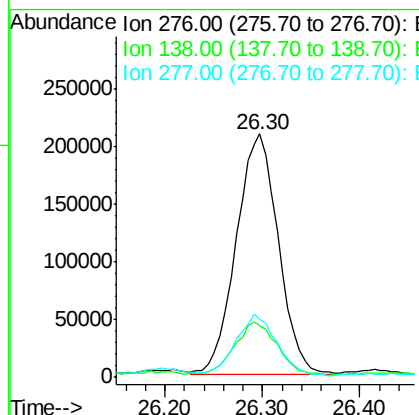
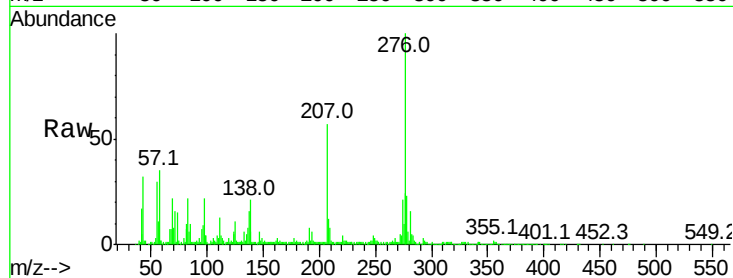
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 5.745 ng/ul
 RT: 26.30 min Scan# 3912
 Delta R.T. 0.01 min
 Lab File: BM011680.D
 Acq: 22 Sep 2017 07:08

Instrument :
 BNA_M
 ClientSampleId :
 CB3J1

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.1	10.9	16.3#
277	24.0	18.9	28.3

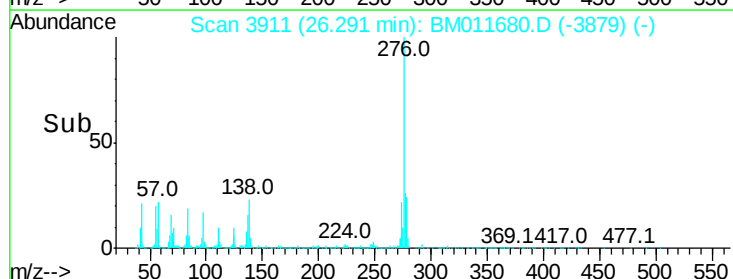
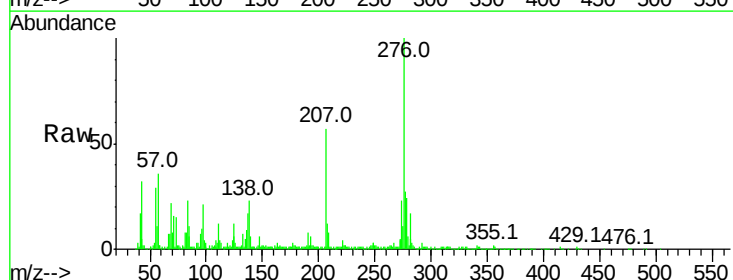
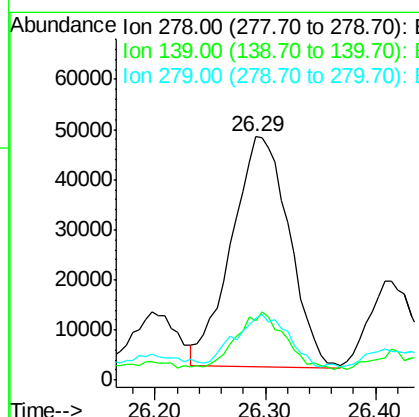
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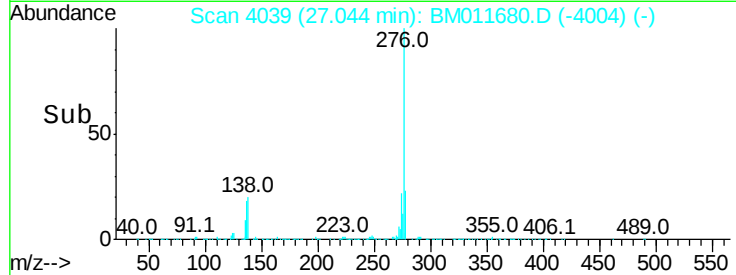
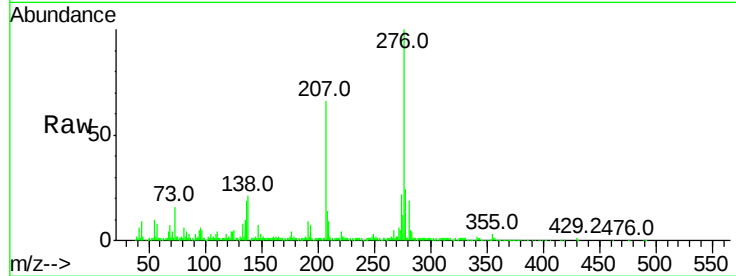
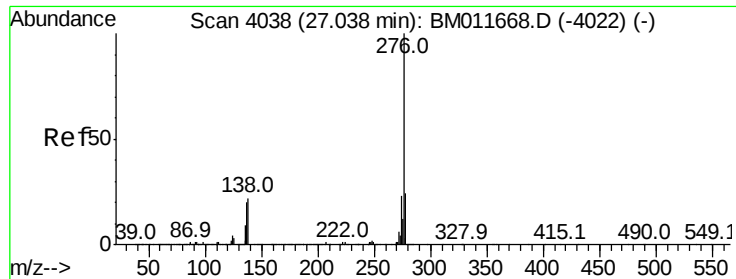
Sohil
 9/22/2017 4:06:44 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 1.808 ng/ul
 RT: 26.29 min Scan# 3911
 Delta R.T. -0.01 min
 Lab File: BM011680.D
 Acq: 22 Sep 2017 07:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	24.3	9.0	13.4#
279	25.6	19.1	28.7





#94

Benzo(a,h,i)perylene

Concen: 6.377 ng/ul

RT: 27.04 min Scan# 4039

Delta R.T. 0.01 min

Lab File: BM011680.D

Acq: 22 Sep 2017 07:08

Instrument :

BNA_M

ClientSampleId :

CB3J1

Tot Ion:	276	Resp:	562377
Ion Ratio	Lower	Upper	
276	100		
138	21.0	11.2	16.8#
277	24.0	19.0	28.6

Manual Integrations
APPROVED

Sohil
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