

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
 Data File : BM014446.D
 Acq On : 01 Mar 2018 23:11
 Operator : SJ/JU
 Sample : J1679-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z7

Manual Integrations
 APPROVED

Sohil
 3/2/2018 3:32:07 PM

Quant Time: Mar 02 11:30:02 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	60133	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	302528	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	200313	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	493833	20.00	ng/ul	0.01
75) Chrysene-d12	21.17	240	697955	20.00	ng/ul	0.02
83) Perylene-d12	23.36	264	553038	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	4227	3.01	ng/uL	0.00
5) Phenol-d5	6.73	99	105559	20.77	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.87	67	62372	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	87220	22.38	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	87932	19.77	ng/ul	0.02
19) Nitrobenzene-d5	8.68	128	47380	21.19	ng/ul	0.01
22) 2-Nitrophenol-d4	9.39	143	50342	21.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	96431	20.12	ng/ul	0.02
29) 4-Chloroaniline-d4	10.46	131	112247	23.77	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	337052	20.38	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	450192	22.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	37072m	16.23	ng/ul	0.05
57) Fluorene-d10	15.19	176	301078	20.32	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	1054m	0.36	ng/ul	0.04
70) Anthracene-d10	17.04	188	501110	21.03	ng/ul	0.01
76) Pyrene-d10	19.36	212	676152	18.78	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.22	264	559307	20.78	ng/ul	0.03

Target Compounds

					Ovalue	
28) Naphthalene	10.34	128	24402	1.570	ng/ul#	95
44) Dimethylphthalate	13.65	163	100604	6.167	ng/ul	96
47) Acenaphthylene	13.90	152	93869	4.869	ng/ul	98
49) Acenaphthene	14.25	153	80639	5.940	ng/ul	99
53) Dibenzofuran	14.59	168	162857	8.000	ng/ul	92
58) Fluorene	15.24	166	255187	14.521	ng/ul	98
69) Phenanthrene	16.99	178	4084846	143.566	ng/ul	100
71) Anthracene	17.08	178	886210	30.971	ng/ul	99
72) Carbazole	17.37	167	352955	14.669	ng/ul	97
74) Fluoranthene	19.03	202	5595953	164.619	ng/ul#	92
77) Pyrene	19.40	202	4403239	94.930	ng/ul#	94
80) Benzo(a)anthracene	21.15	228	2342272	53.772	ng/ul	98
82) Chrysene	21.20	228	1833398	45.118	ng/ul	97
85) Benzo(b)fluoranthene	22.71	252	2098680	56.674	ng/ul#	96
86) Benzo(k)fluoranthene	22.74	252	696818m	19.792	ng/ul	
88) Benzo(a)pyrene	23.26	252	1397483	42.232	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.54	276	825595	25.711	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.53	278	229994	8.620	ng/ul#	76
91) Benzo(g,h,i)perylene	26.21	276	707993	27.218	ng/ul#	94

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

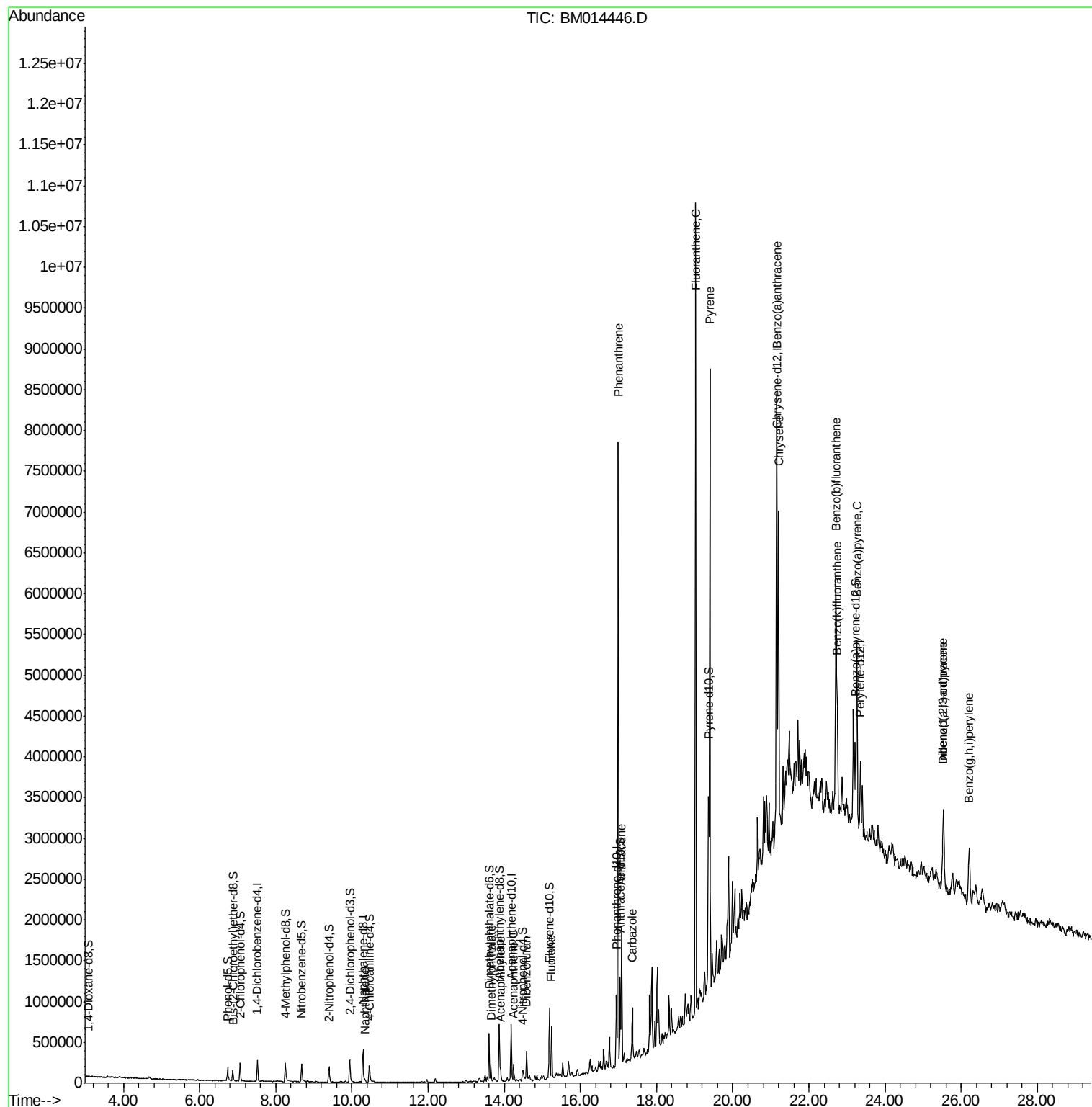
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014446.D
Acq On : 01 Mar 2018 23:11
Operator : SJ/JU
Sample : J1679-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

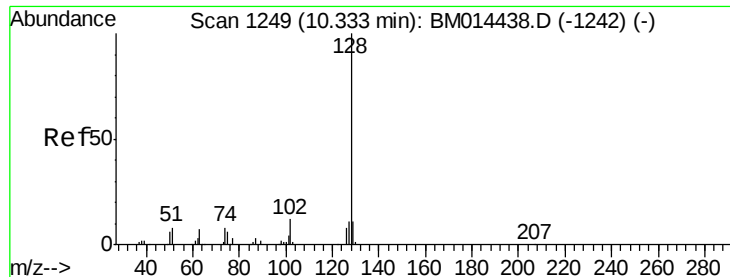
Instrument :
BNA_M
ClientSampleId :
BE5Z7

Quant Time: Mar 02 11:30:02 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Manual Integrations
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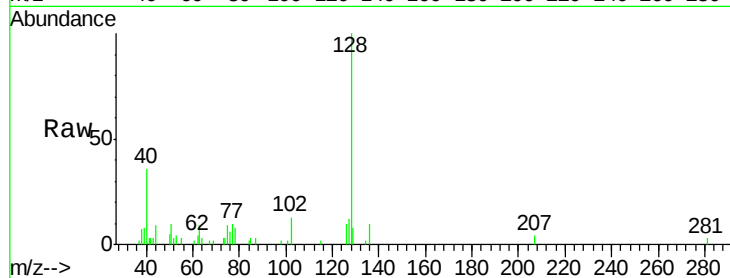
#28
Naphthalene
Concen: 1.570 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BM014446.D
Acq: 01 Mar 2018 23:11

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tot Ion	Ratio	Lower	Upper
128	100		
129	7.9	8.8	13.2#
127	12.1	10.6	16.0

Manual Integrations
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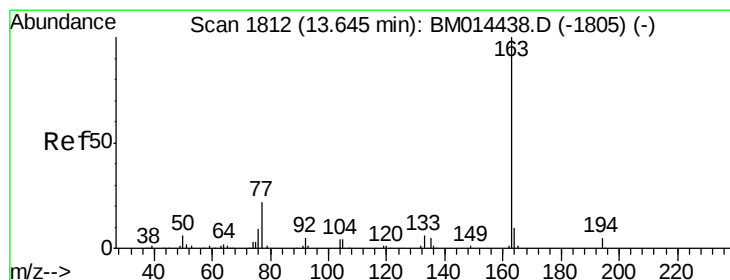
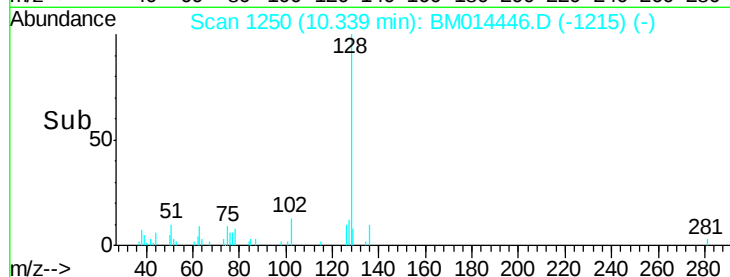
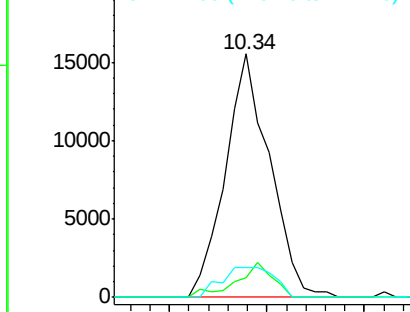


Abundance

Ion 128.00 (127.70 to 128.70): E

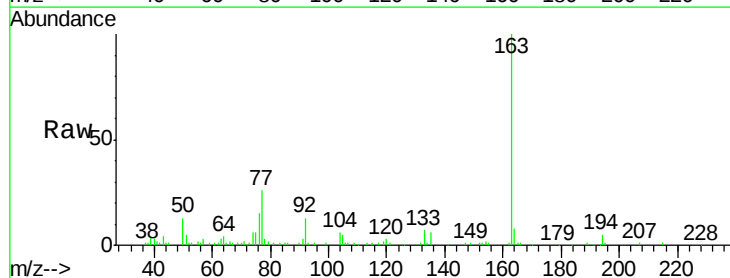
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#44
Dimethylphthalate
Concen: 6.167 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM014446.D
Acq: 01 Mar 2018 23:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.5	5.3
164	8.5	8.2	12.4

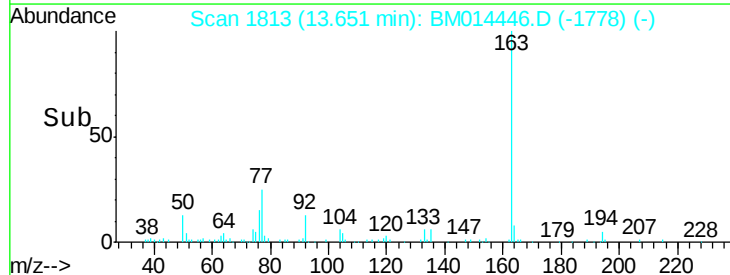
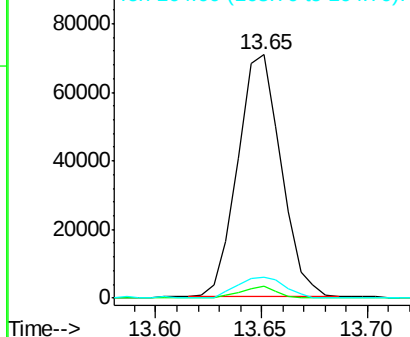


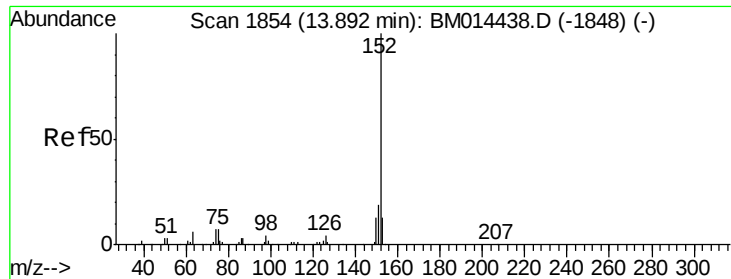
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#47

Acenaphthylene

Concen: 4.869 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BM014446.D

Acq: 01 Mar 2018 23:11

Instrument :

BNA_M

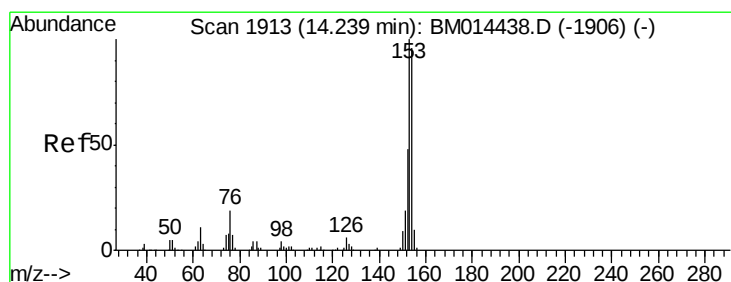
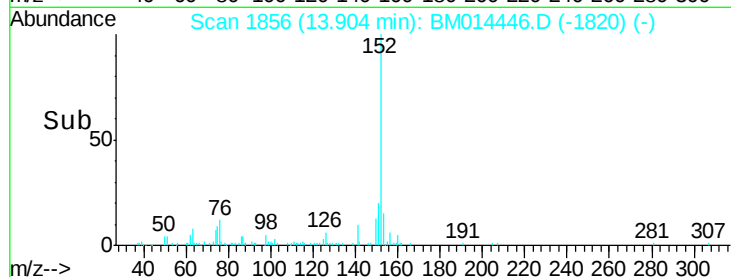
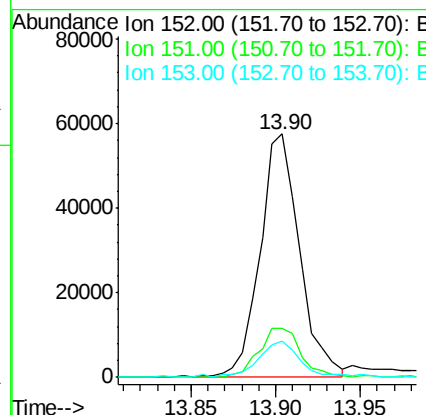
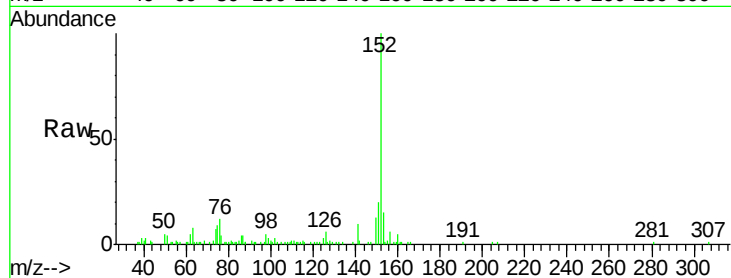
ClientSampleId :

BE5Z7

Tot Ion:	152	Resp:	93869
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.3	24.5
153	14.8	10.2	15.4

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#49

Acenaphthene

Concen: 5.940 ng/ul

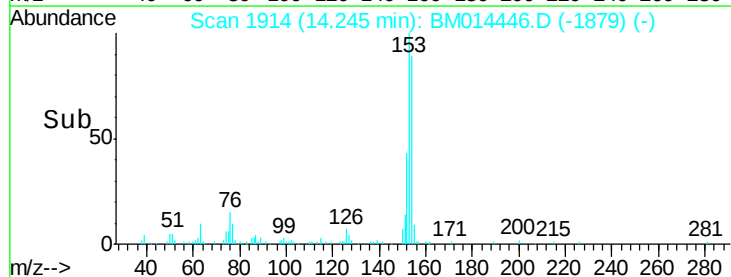
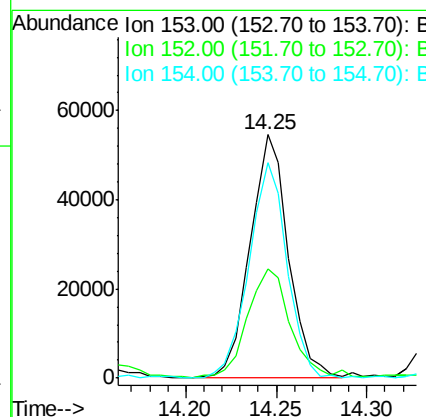
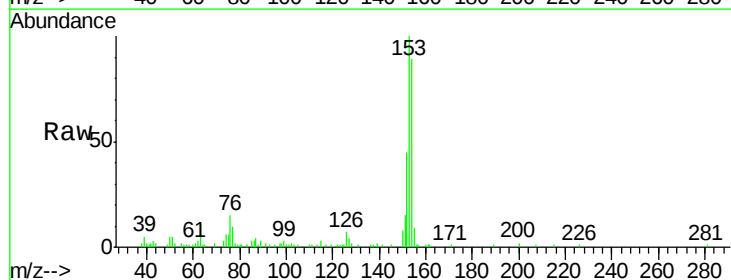
RT: 14.25 min Scan# 1914

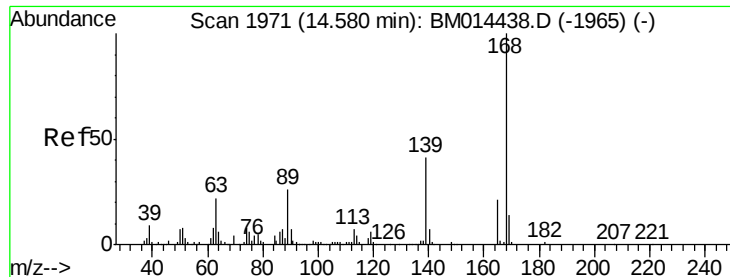
Delta R.T. 0.01 min

Lab File: BM014446.D

Acq: 01 Mar 2018 23:11

Tgt Ion:	153	Resp:	80639
Ion Ratio	Lower	Upper	
153	100		
152	45.1	37.6	56.4
154	88.7	70.4	105.6





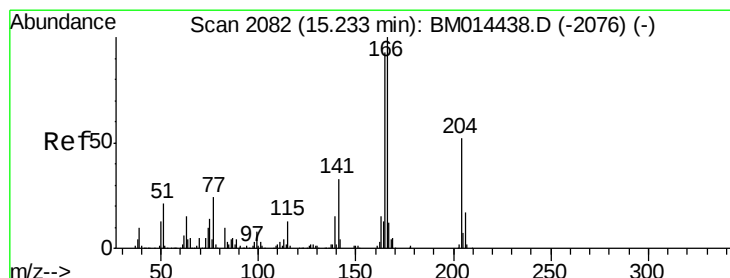
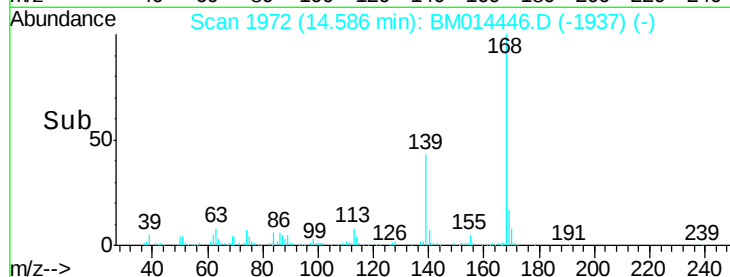
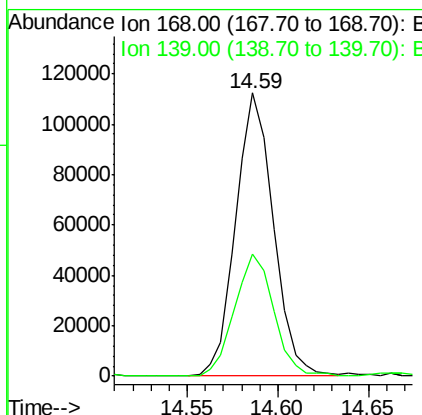
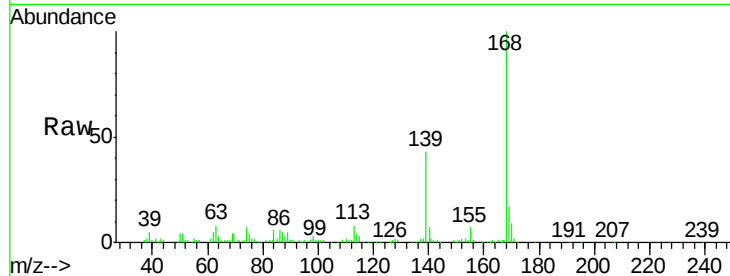
#53
Dibenzo(f,h)quinoxaline
Concen: 8.000 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BM014446.D
Acq: 01 Mar 2018 23:11

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.2	30.8	46.2

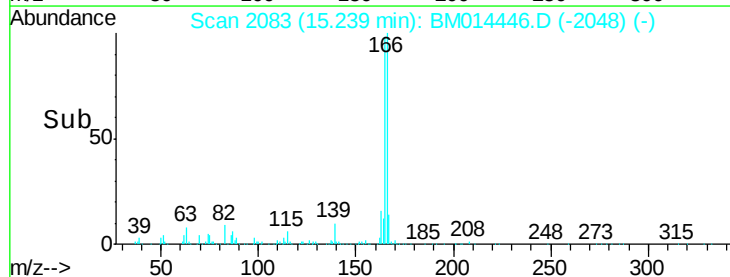
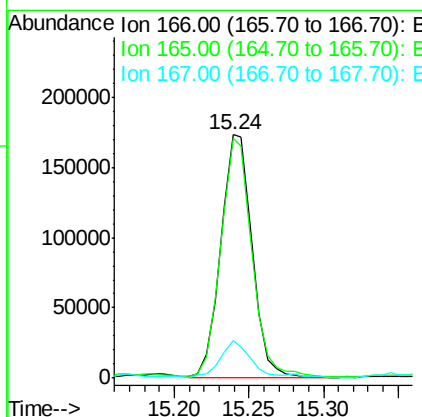
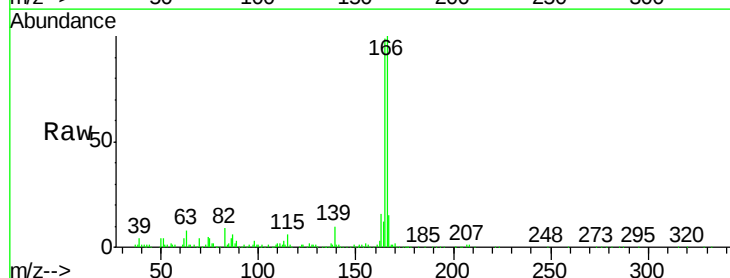
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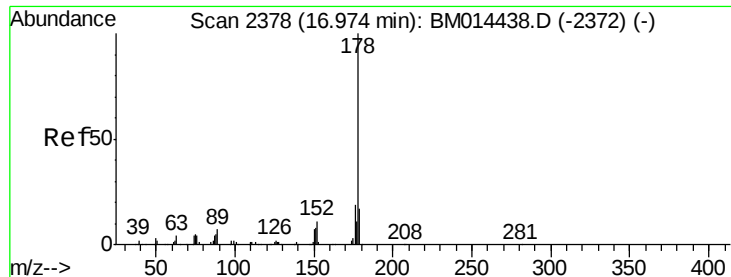
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#58
Fluorene
Concen: 14.521 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BM014446.D
Acq: 01 Mar 2018 23:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.9	116.9
167	15.4	10.6	16.0





#69

Phenanthrene

Concen: 143.566 ng/ul

RT: 16.99 min Scan# 2381

Delta R.T. 0.01 min

Lab File: BM014446.D

Acq: 01 Mar 2018 23:11

Instrument :

BNA_M

ClientSampleId :

BE5Z7

Tot Ion:178 Resp: 4084846

Ion Ratio Lower Upper

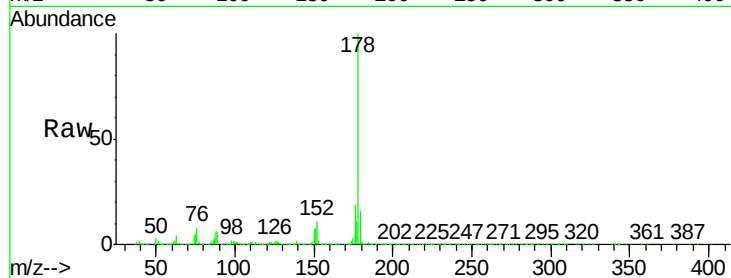
178 100

179 15.5 12.6 19.0

176 18.7 14.9 22.3

Manual Integrations
APPROVED

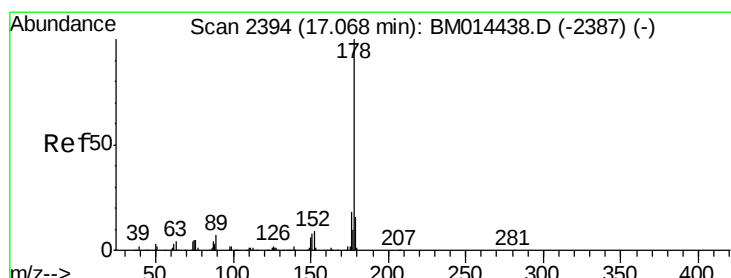
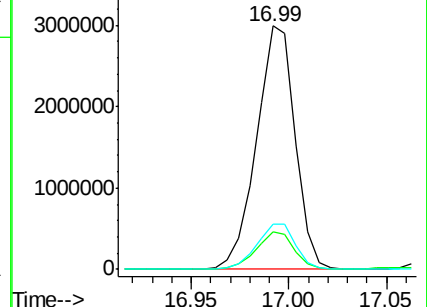
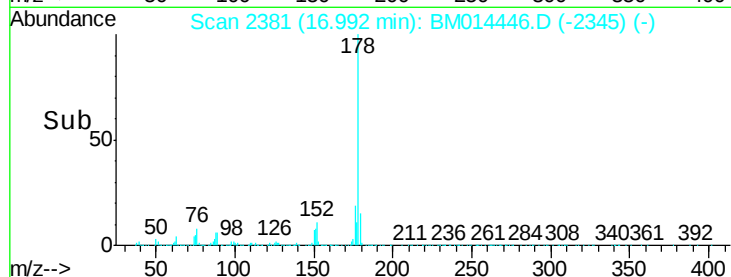
Sohil
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 30.971 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. 0.01 min

Lab File: BM014446.D

Acq: 01 Mar 2018 23:11

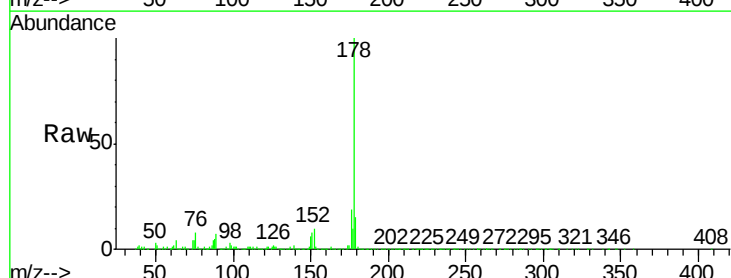
Tgt Ion:178 Resp: 886210

Ion Ratio Lower Upper

178 100

179 15.4 11.7 17.5

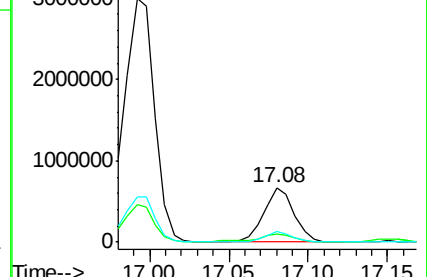
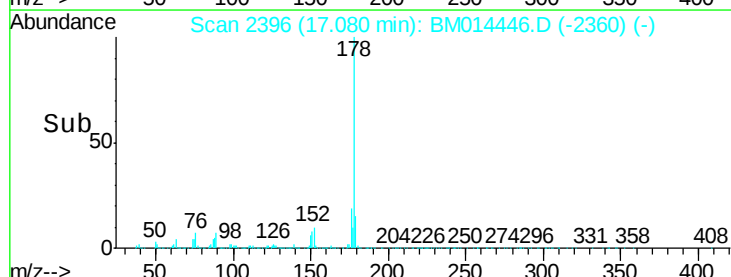
176 18.7 14.6 21.8

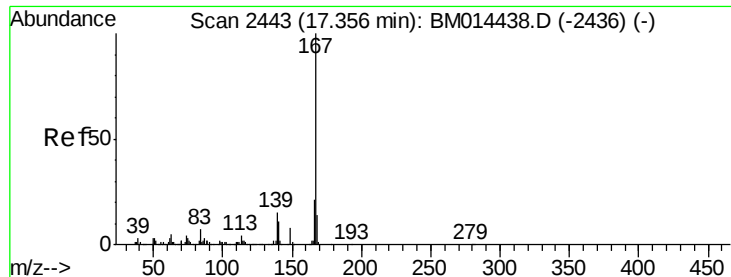


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





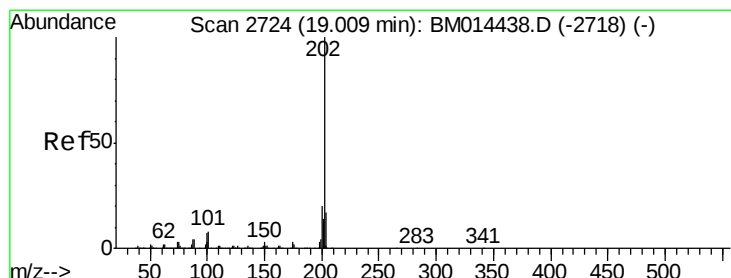
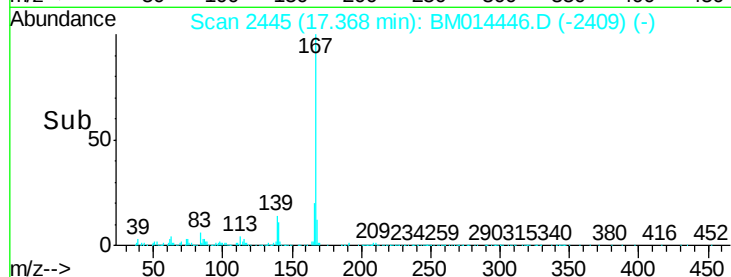
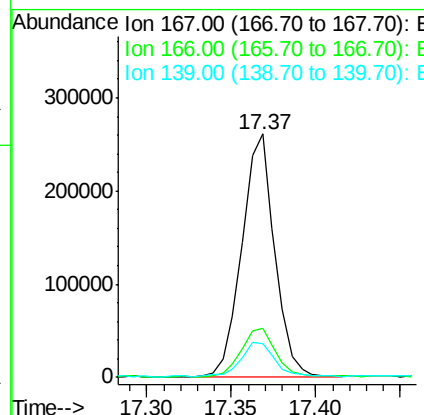
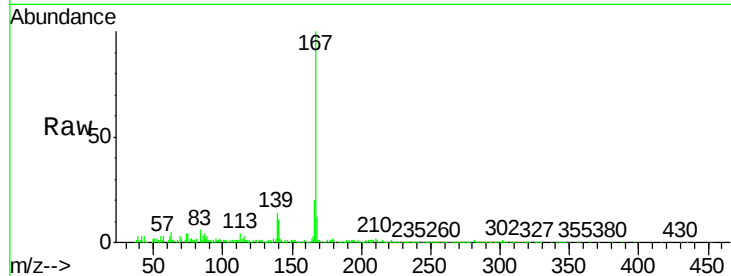
#72
 Carbazole
 Concen: 14.669 ng/ul
 RT: 17.37 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BM014446.D
 Acq: 01 Mar 2018 23:11

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z7

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.2	17.1	25.7
139	14.1	10.0	15.0

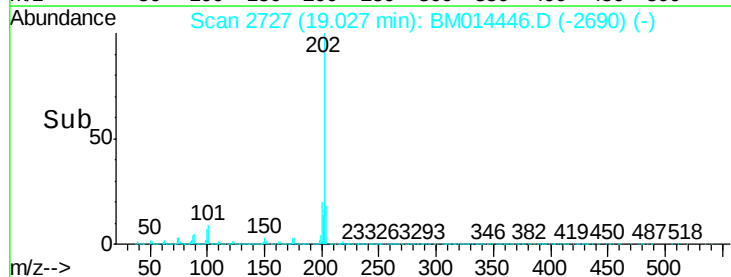
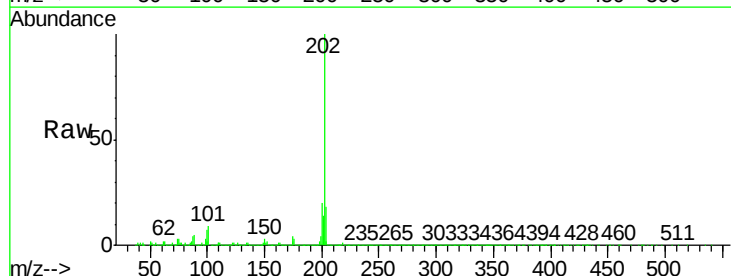
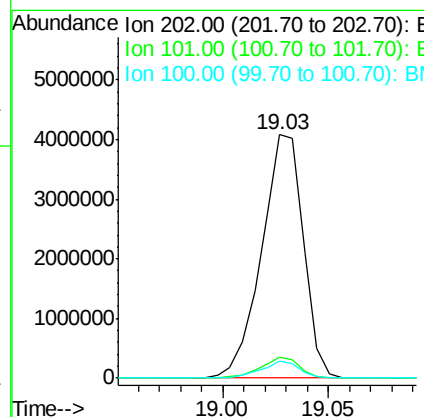
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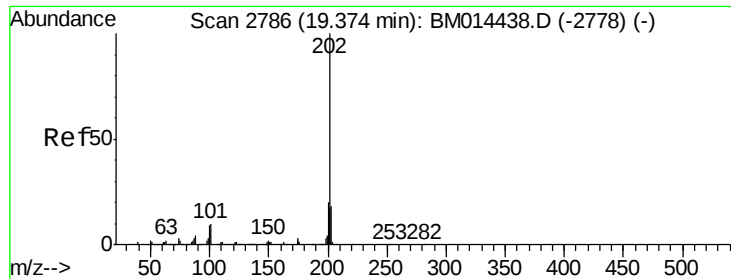
Sohil
 3/2/2018 3:32:07 PM



#74
 Fluoranthene
 Concen: 164.619 ng/ul
 RT: 19.03 min Scan# 2727
 Delta R.T. 0.02 min
 Lab File: BM014446.D
 Acq: 01 Mar 2018 23:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	6.9	3.4	5.2#





#77

Pvrene

Concen: 94.930 ng/ul

RT: 19.40 min Scan# 2790

Delta R.T. 0.02 min

Lab File: BM014446.D

Acq: 01 Mar 2018 23:11

Instrument :

BNA_M

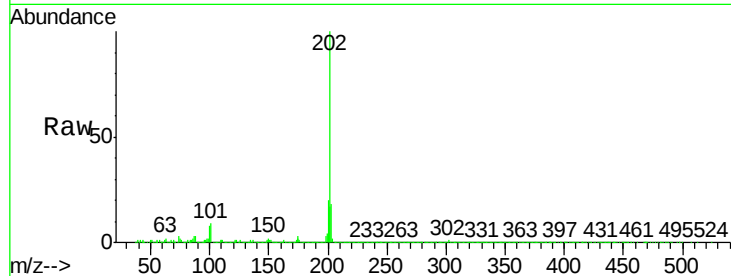
ClientSampleId :

BE5Z7

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.1	7.7#
100	7.5	4.9	7.3#

Manual Integrations
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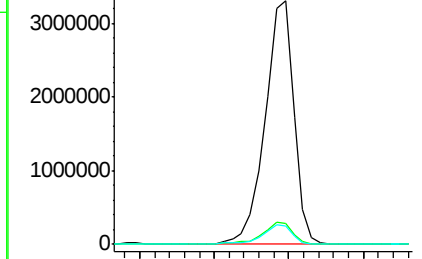
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3/2/2018 3:32:07 PM



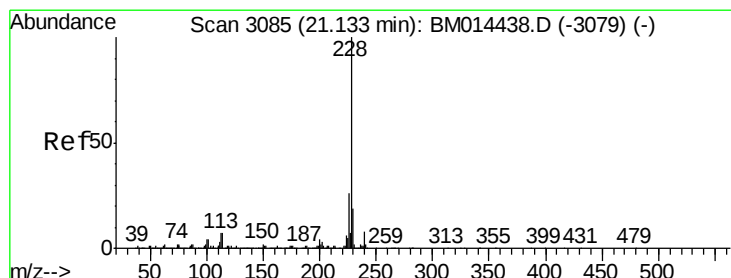
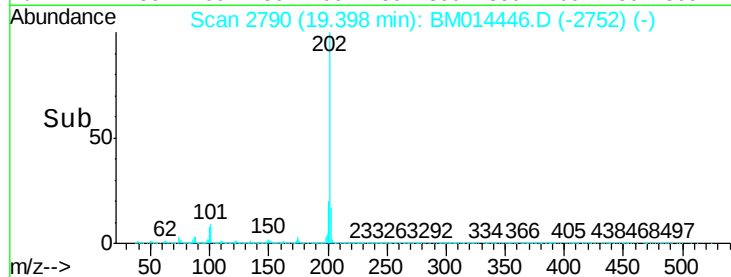
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#80

Benzo(a)anthracene

Concen: 53.772 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. 0.02 min

Lab File: BM014446.D

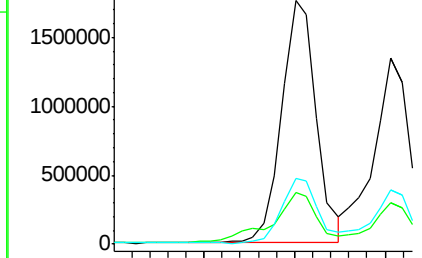
Acq: 01 Mar 2018 23:11

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.4	23.0
226	26.8	21.4	32.0

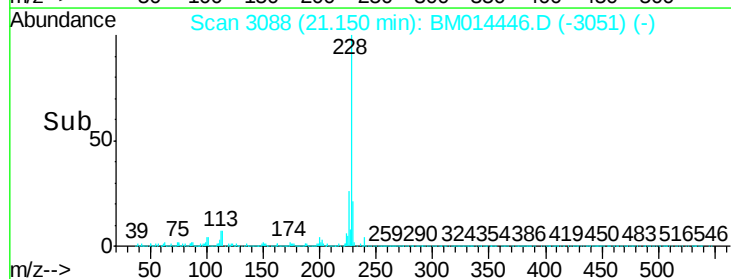
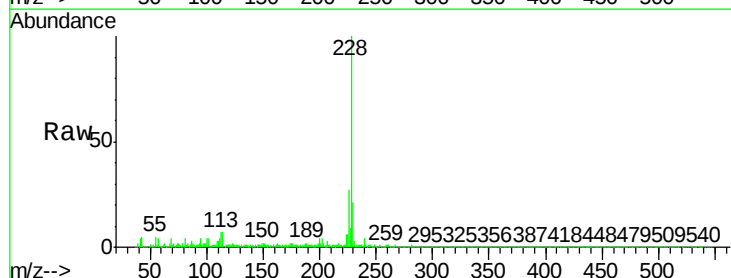
Abundance Ion 228.00 (227.70 to 228.70): E

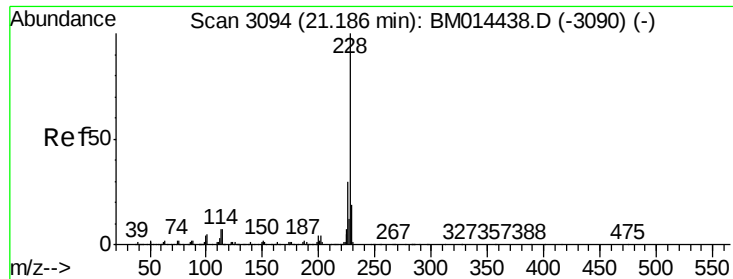
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->





#82

Chrysene

Concen: 45.118 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.02 min

Lab File: BM014446.D

Acq: 01 Mar 2018 23:11

Instrument :

BNA_M

ClientSampleId :

BE5Z7

Tot Ion:228 Resp: 1833398

Ion Ratio Lower Upper

228 100

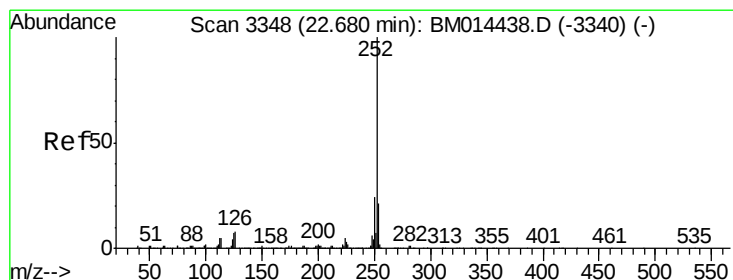
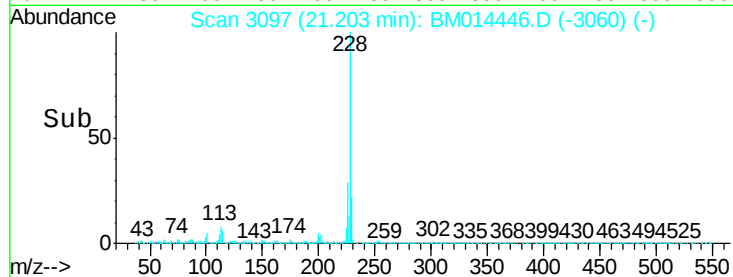
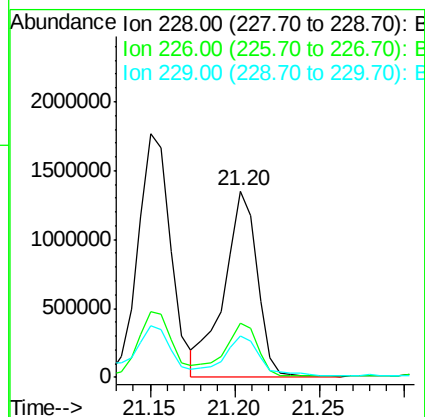
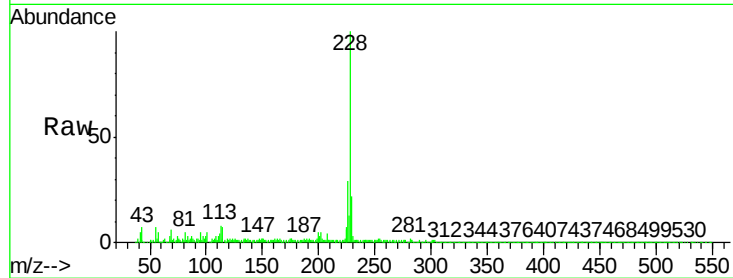
226 29.3 23.4 35.2

229 22.3 15.5 23.3

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#85

Benzo(b)fluoranthene

Concen: 56.674 ng/ul

RT: 22.71 min Scan# 3353

Delta R.T. 0.03 min

Lab File: BM014446.D

Acq: 01 Mar 2018 23:11

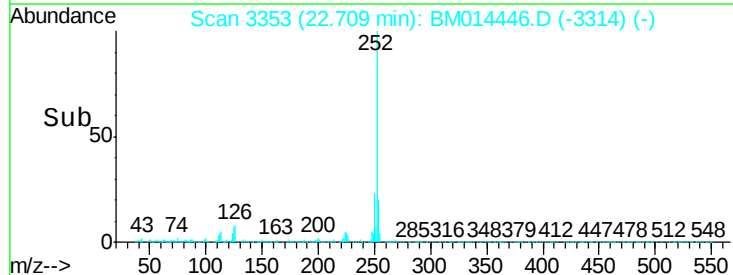
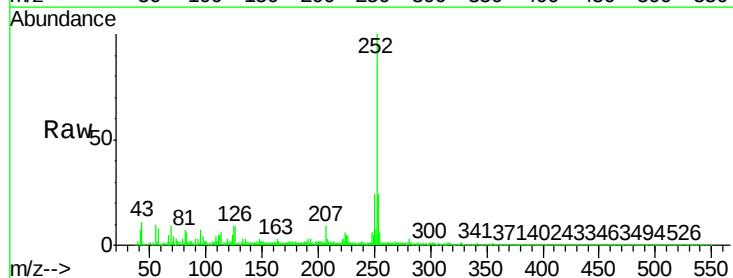
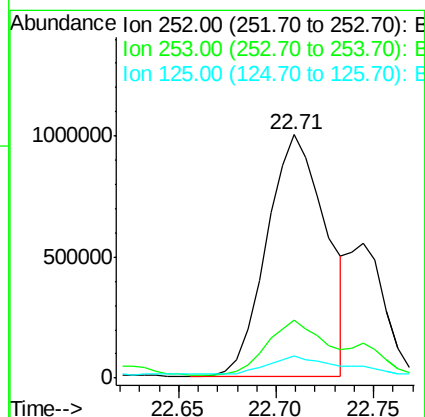
Tgt Ion:252 Resp: 2098680

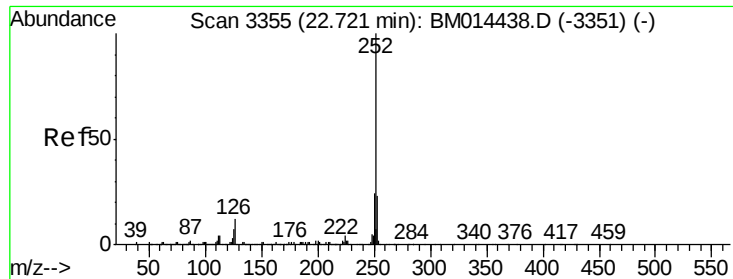
Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

125 8.9 3.6 5.4#





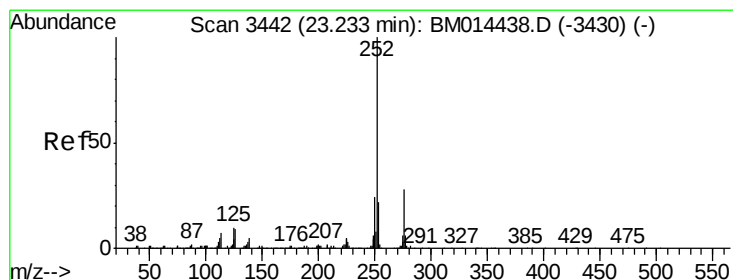
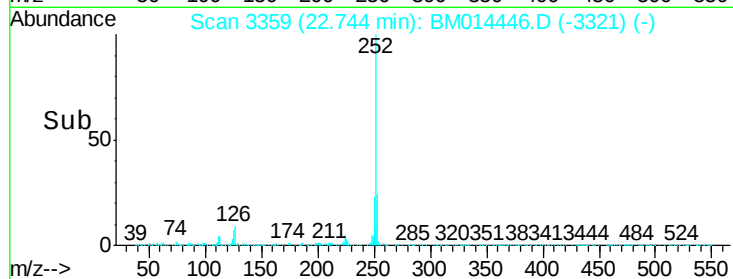
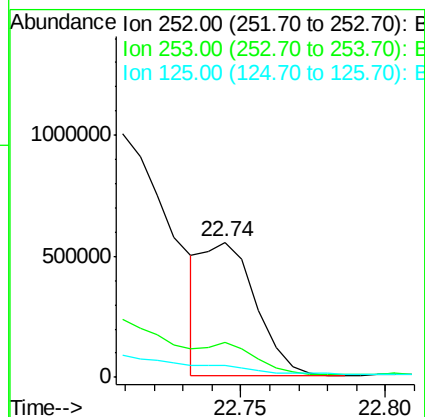
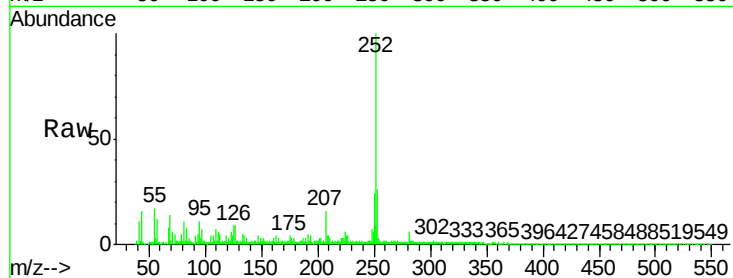
#86
Benzo(k)fluoranthene
Concen: 19.792 ng/ul m
RT: 22.74 min Scan# 3359
Delta R.T. 0.02 min
Lab File: BM014446.D
Acq: 01 Mar 2018 23:11

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.1	25.7#
125	9.1	3.4	5.2#

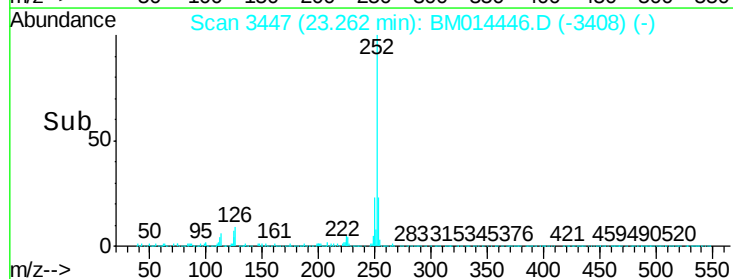
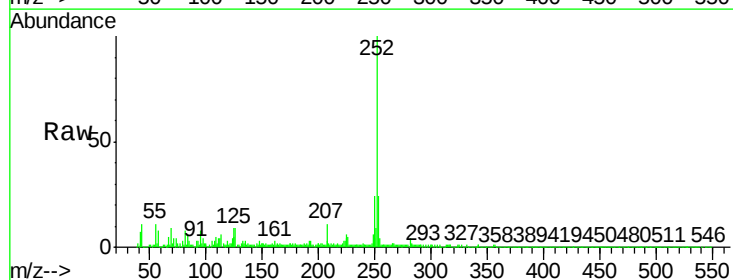
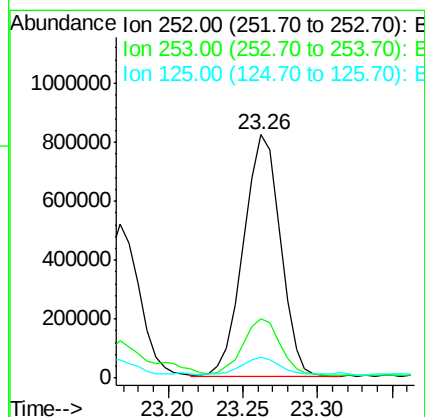
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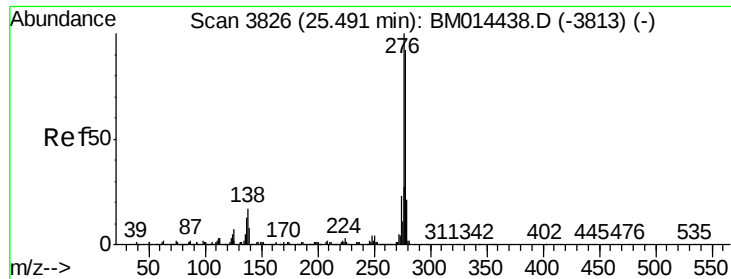
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#88
Benzo(a)pyrene
Concen: 42.232 ng/ul
RT: 23.26 min Scan# 3447
Delta R.T. 0.03 min
Lab File: BM014446.D
Acq: 01 Mar 2018 23:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	8.8	4.0	6.0#





#89

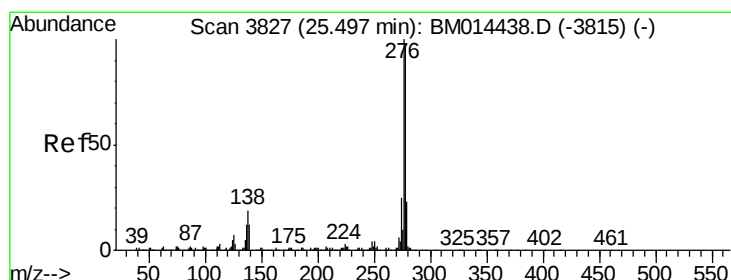
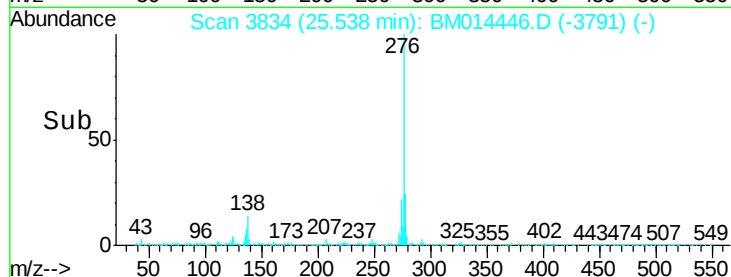
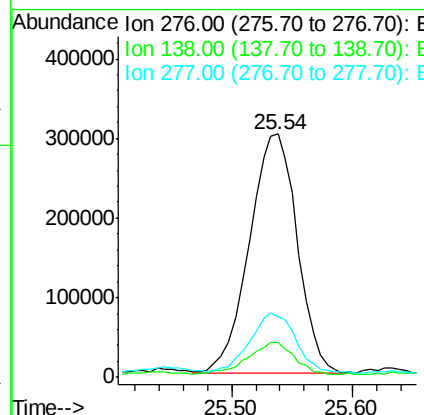
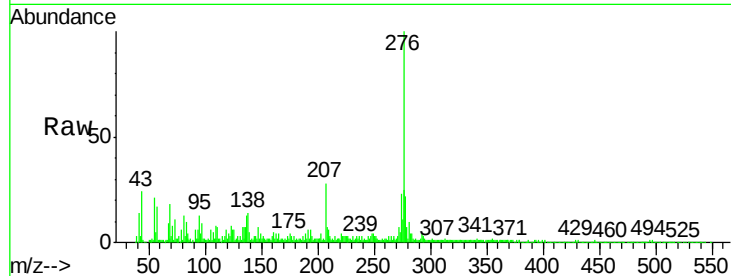
Indeno(1,2,3-cd)pyrene
Concen: 25.711 ng/ul
RT: 25.54 min Scan# 3834
Delta R.T. 0.05 min
Lab File: BM014446.D
Acq: 01 Mar 2018 23:11

Instrument :
BNA_M
ClientSampleId :
BE5Z7

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.4	9.3	13.9#
277	24.7	19.9	29.9

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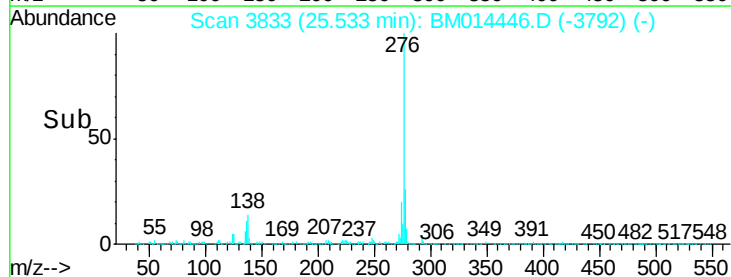
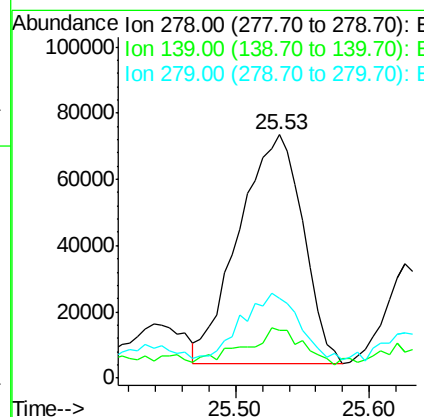
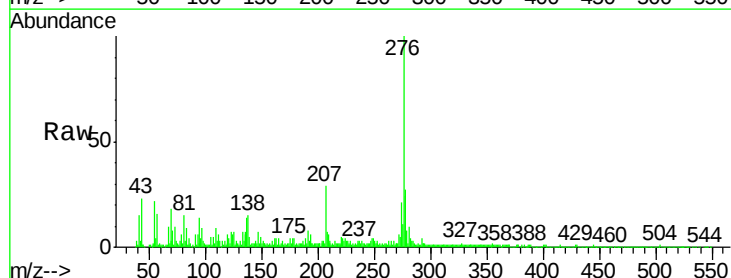
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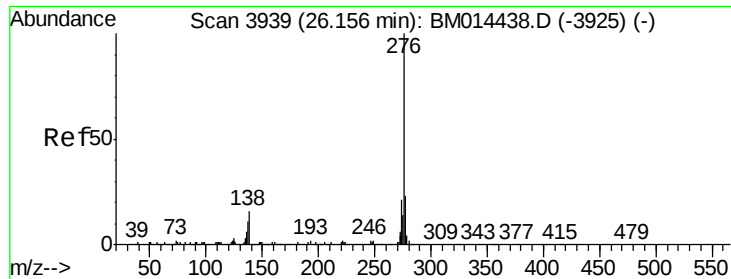


#90

Dibenzo(a,h)anthracene
Concen: 8.620 ng/ul
RT: 25.53 min Scan# 3833
Delta R.T. 0.04 min
Lab File: BM014446.D
Acq: 01 Mar 2018 23:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	5.8	8.8#
279	32.9	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 27.218 ng/ul

RT: 26.21 min Scan# 3948

Delta R.T. 0.06 min

Lab File: BM014446.D

Acq: 01 Mar 2018 23:11

Instrument :

BNA_M

ClientSampleId :

BE5Z7

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.2	8.5	12.7#
277	25.7	18.6	28.0

Manual Integrations
APPROVED

Sohil
3/2/2018 3:32:07 PM

