

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
 Data File : BM014108.D
 Acq On : 02 Feb 2018 11:59
 Operator : SJ/JU
 Sample : J1315-20RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C83RE

Quant Time: Feb 05 10:31:51 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 02 03:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	79064	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	336351	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	1039586	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	636323	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	685201	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	676234	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	9043	5.25	ng/uL	0.00
5) Phenol-d5	6.75	99	143191	24.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	102524	28.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	128210	27.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	57938	11.64	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	70567	29.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	80011	29.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	135513	23.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	83029	16.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	690012	8.00	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	781961	7.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	59744	5.02	ng/ul	0.01
57) Fluorene-d10	15.22	176	607633	7.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	86023	22.02	ng/ul	0.00
70) Anthracene-d10	17.07	188	1006739	32.59	ng/ul	0.00
76) Pyrene-d10	19.37	212	1170965	35.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	1082543	32.62	ng/ul	0.00

Target Compounds

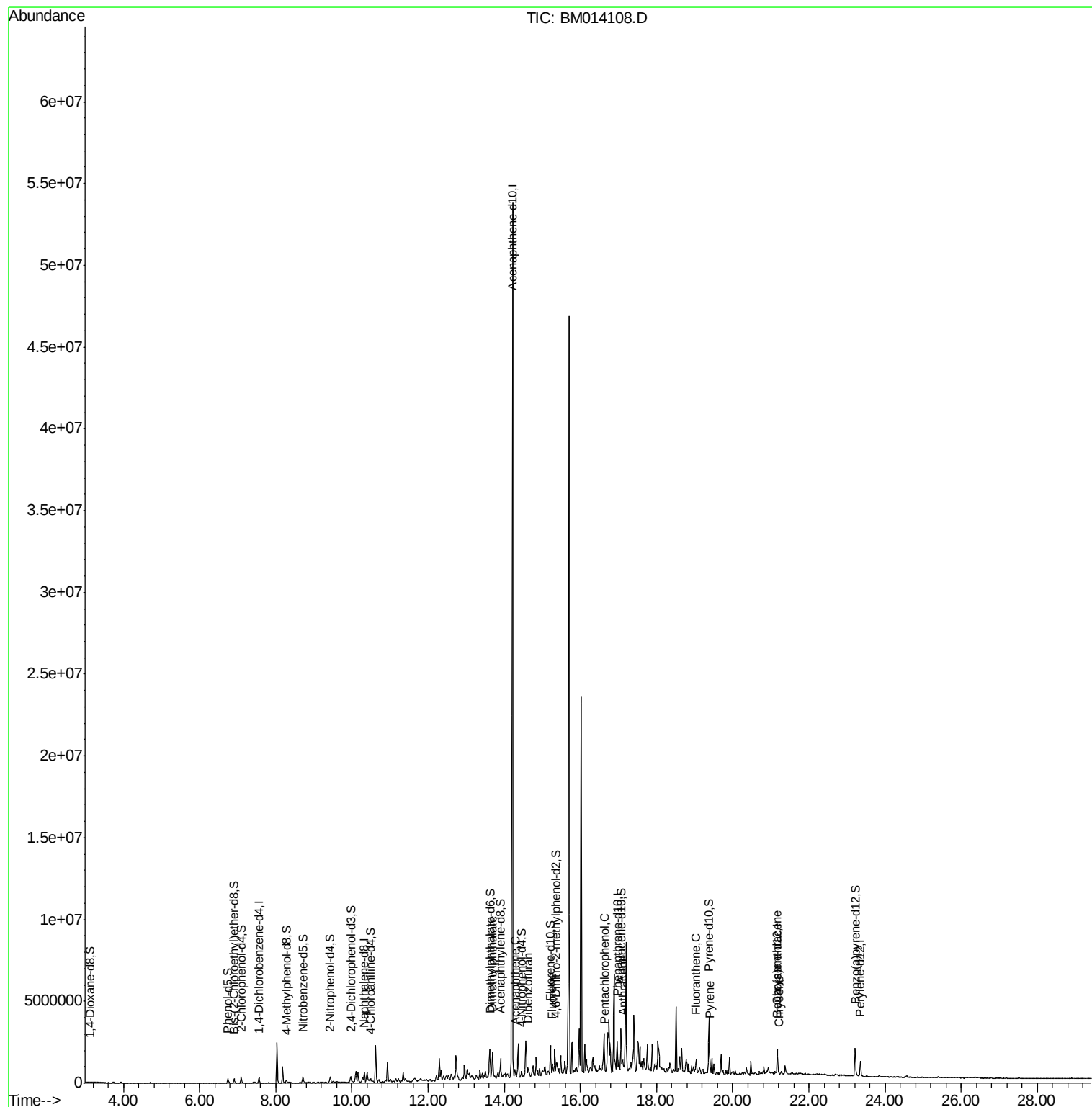
					Ovalue
44) Dimethylphthalate	13.68	163	113512	1.365 ng/ul	96
49) Acenaphthene	14.28	153	137791	2.022 ng/ul	99
53) Dibenzofuran	14.62	168	201202	1.939 ng/ul	96
58) Fluorene	15.27	166	187770	2.170 ng/ul#	78
68) Pentachlorophenol	16.64	266	6188	1.485 ng/ul#	76
71) Anthracene	17.10	178	186345	5.141 ng/ul#	76
74) Fluoranthene	19.04	202	461043	10.358 ng/ul#	96
77) Pyrene	19.40	202	347412	8.497 ng/ul#	97
80) Benzo(a)anthracene	21.16	228	77034	1.805 ng/ul#	77
82) Chrysene	21.21	228	61807	1.541 ng/ul#	90

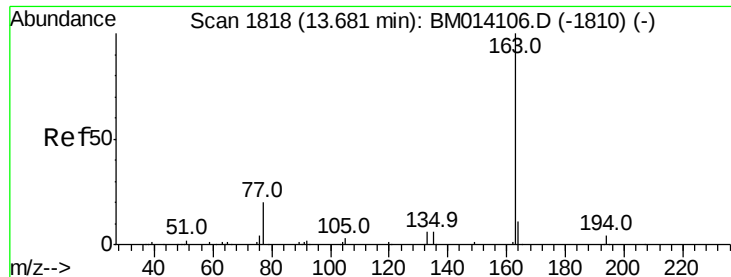
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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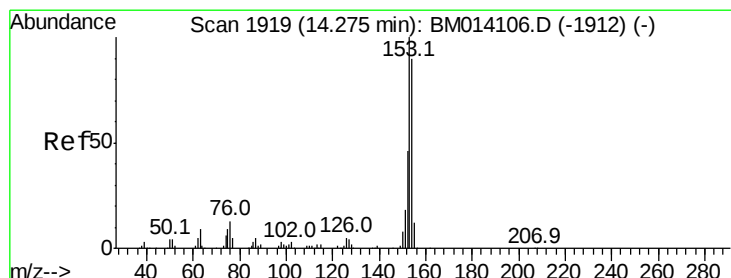
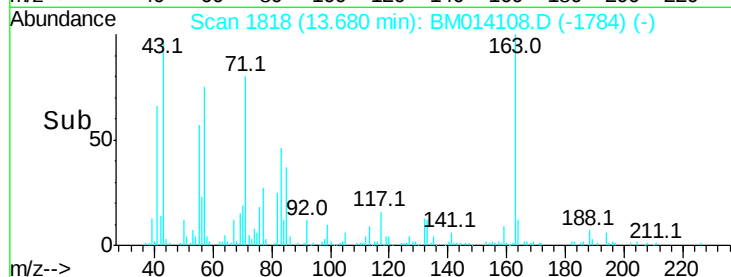
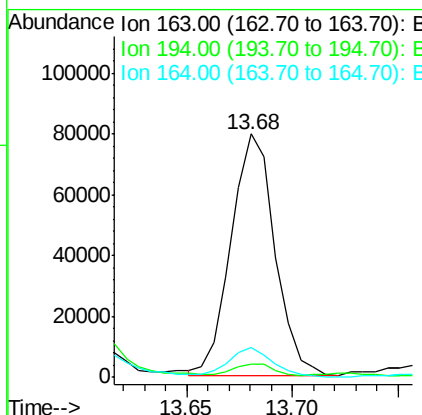
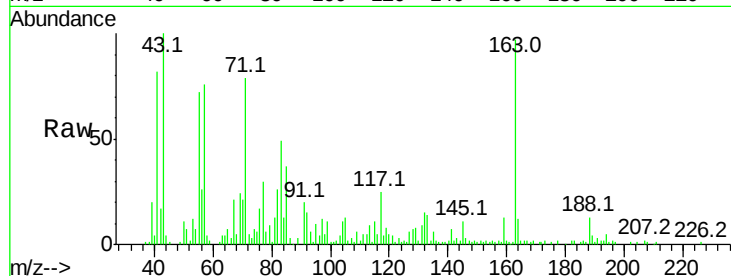




#44
Dimethylphthalate
Concen: 1.365 ng/ul
RT: 13.68 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

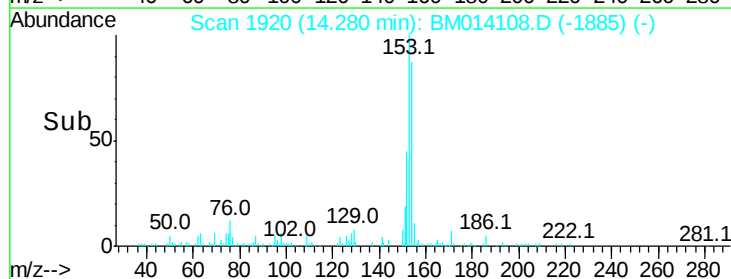
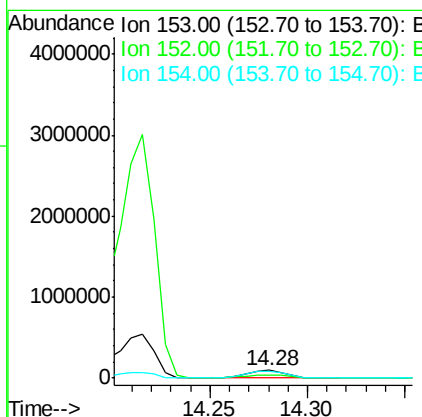
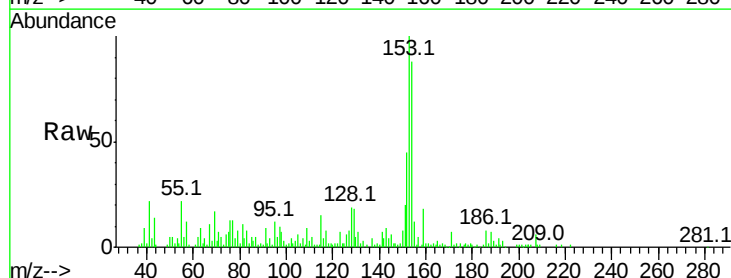
Instrument :
BNA_M
ClientSampleId :
F6C83RE

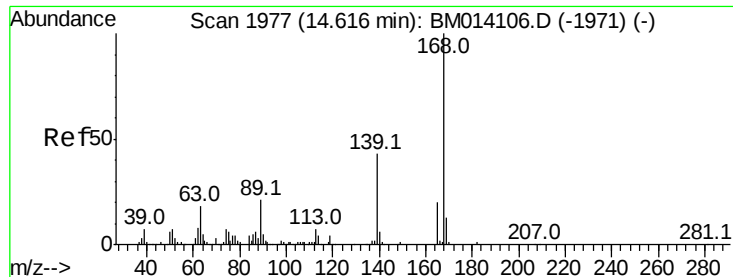
Tot Ion:163 Resp: 113512
Ion Ratio Lower Upper
163 100
194 5.2 3.5 5.3
164 12.1 8.2 12.4



#49
Acenaphthene
Concen: 2.022 ng/ul
RT: 14.28 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BM014108.D
Acq: 02 Feb 2018 11:59

Tgt Ion:153 Resp: 137791
Ion Ratio Lower Upper
153 100
152 45.3 37.6 56.4
154 87.8 70.4 105.6





#53

Dibenzenofuran

Concen: 1.939 ng/ul

RT: 14.62 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BM014108.D

Acq: 02 Feb 2018 11:59

Instrument :

BNA_M

ClientSampled :

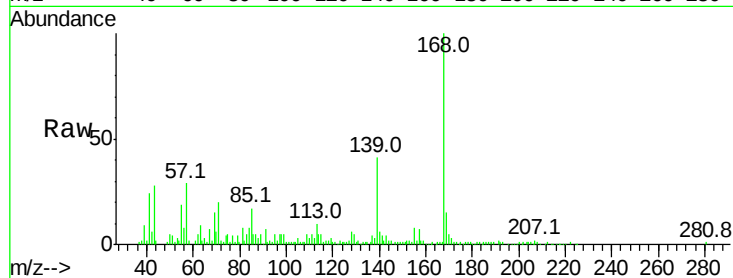
F6C83RE

Tot Ion:168 Resp: 201202

Ion Ratio Lower Upper

168 100

139 40.7 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.62

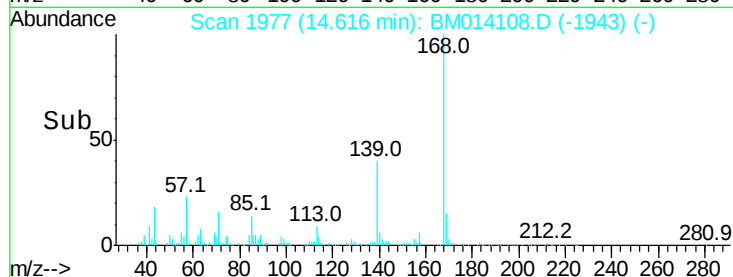
150000

100000

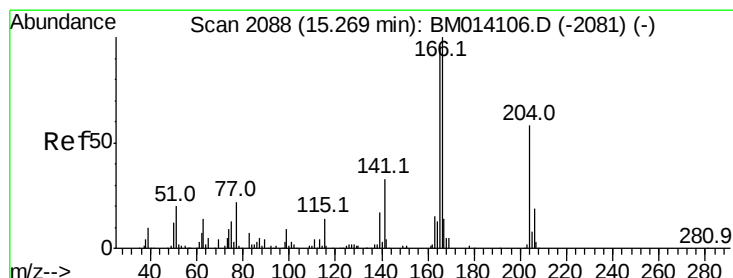
50000

0

Time-->



Time-->



#58

Fluorene

Concen: 2.170 ng/ul

RT: 15.27 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BM014108.D

Acq: 02 Feb 2018 11:59

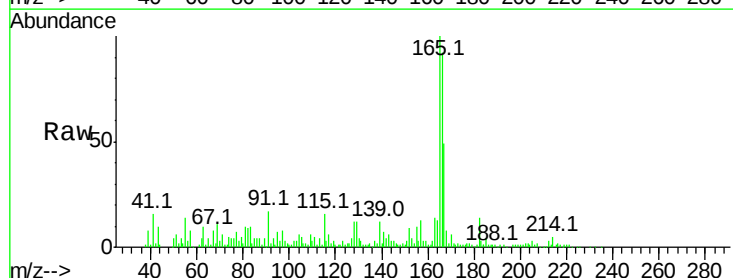
Tgt Ion:166 Resp: 187770

Ion Ratio Lower Upper

166 100

165 108.4 77.9 116.9

167 53.1 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

500000

400000

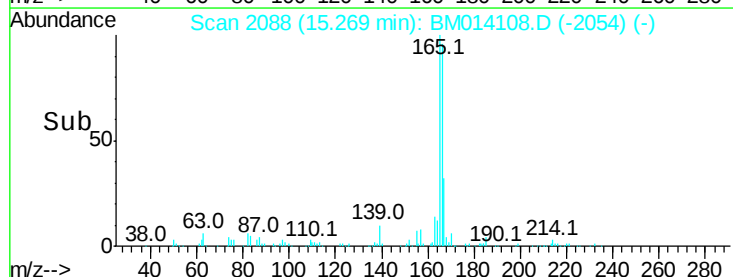
300000

200000

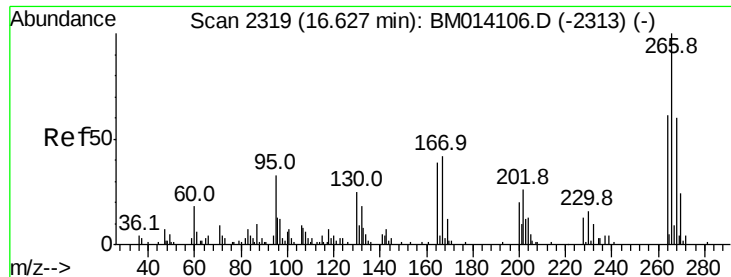
100000

0

Time-->



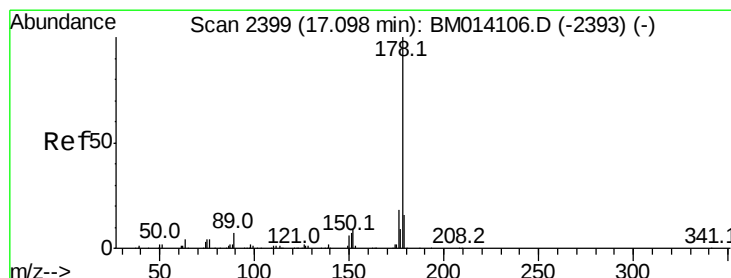
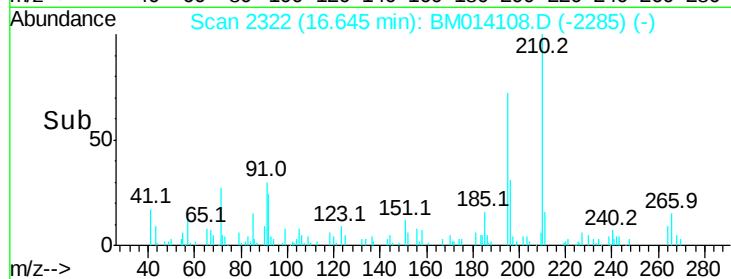
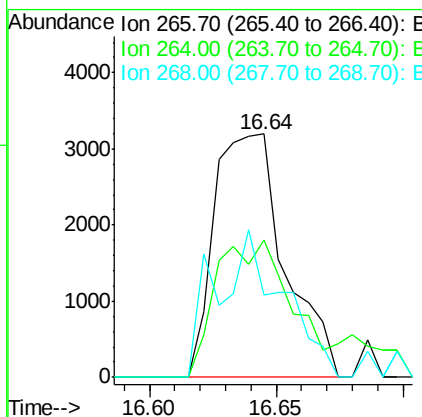
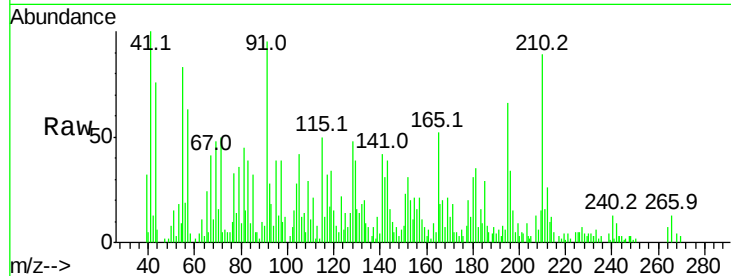
Time-->



#68
 Pentachlorophenol
 Concen: 1.485 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.02 min
 Lab File: BM014108.D
 Acq: 02 Feb 2018 11:59

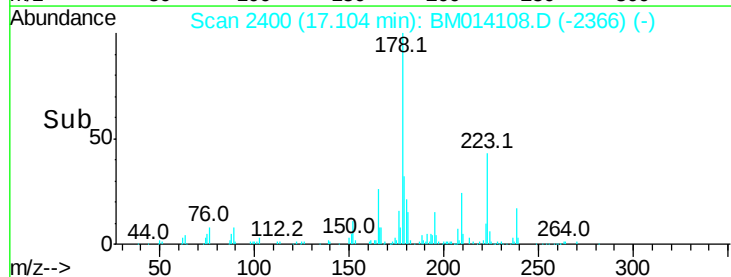
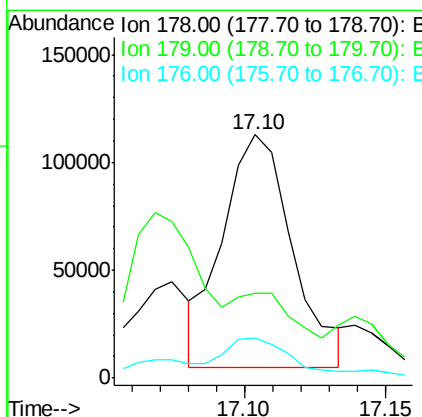
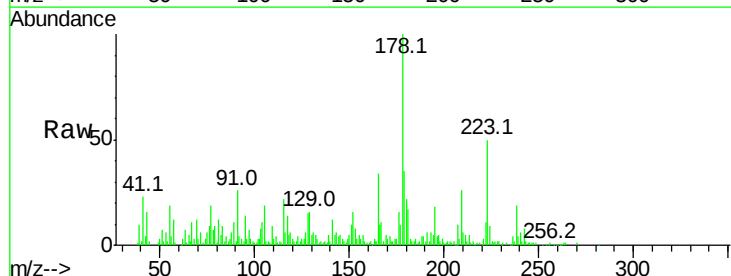
Instrument :
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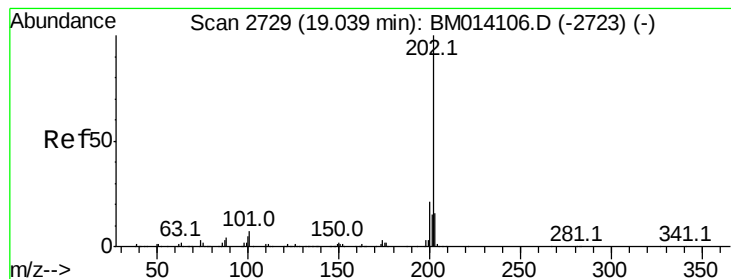
Tot Ion:266 Resp: 6188
 Ion Ratio Lower Upper
 266 100
 264 56.2 49.3 73.9
 268 33.7 52.6 78.8#



#71
 Anthracene
 Concen: 5.141 ng/ul
 RT: 17.10 min Scan# 2400
 Delta R.T. 0.00 min
 Lab File: BM014108.D
 Acq: 02 Feb 2018 11:59

Tgt Ion:178 Resp: 186345
 Ion Ratio Lower Upper
 178 100
 179 35.1 11.7 17.5#
 176 16.3 14.6 21.8





#74

Fluoranthene

Concen: 10.358 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. 0.00 min

Lab File: BM014108.D

Acq: 02 Feb 2018 11:59

Instrument :

BNA_M

ClientSampleId :

F6C83RE

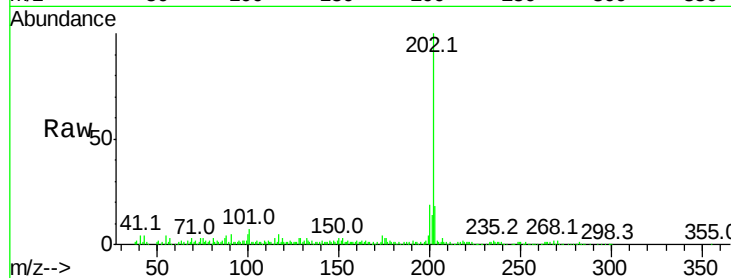
Tot Ion:202 Resp: 461043

Ion Ratio Lower Upper

202 100

101 7.2 4.6 7.0#

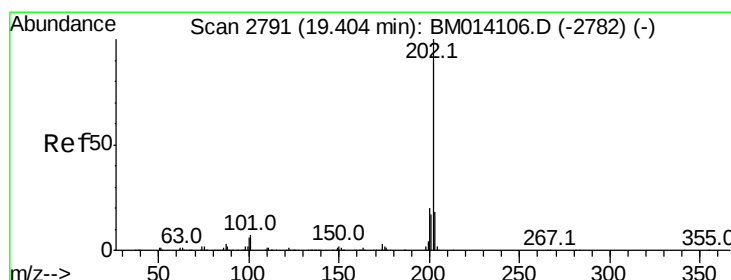
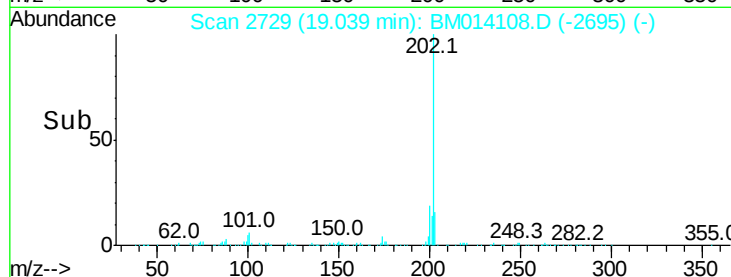
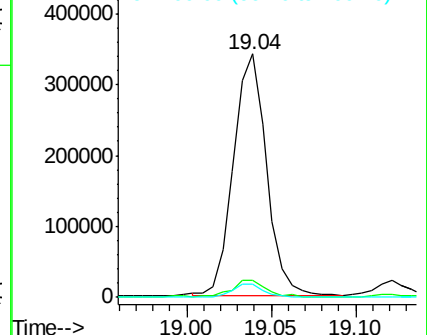
100 5.5 3.4 5.2#



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



#77

Pyrene

Concen: 8.497 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM014108.D

Acq: 02 Feb 2018 11:59

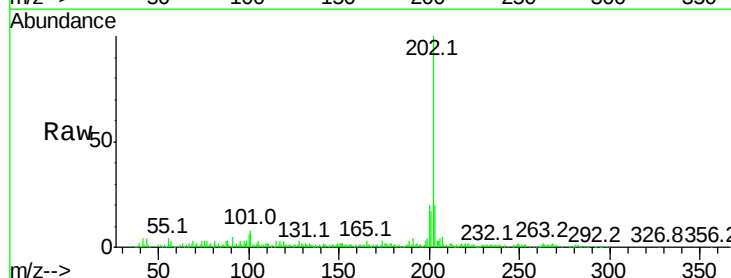
Tgt Ion:202 Resp: 347412

Ion Ratio Lower Upper

202 100

101 8.1 5.1 7.7#

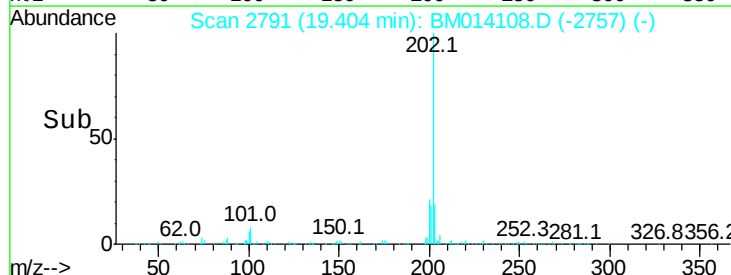
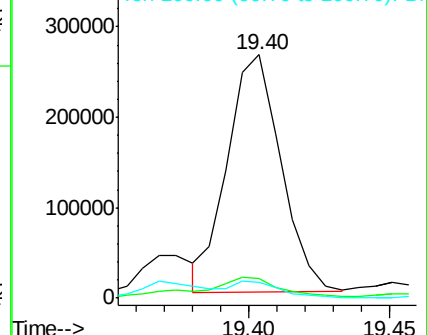
100 6.3 4.9 7.3

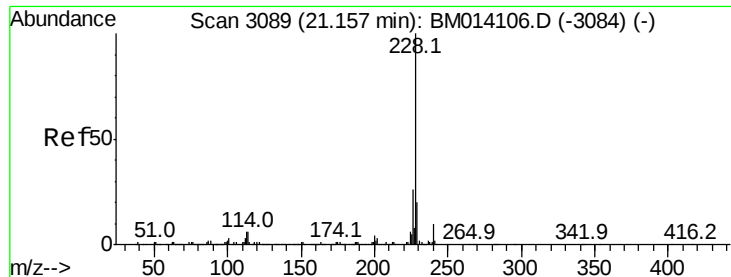


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.805 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. 0.00 min

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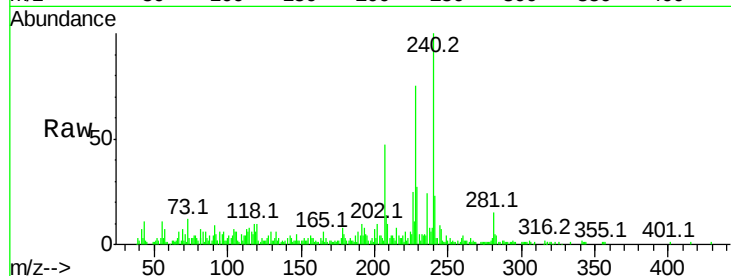
Tot Ion:228 Resp: 77034

Ion Ratio Lower Upper

228 100

229 35.7 15.4 23.0#

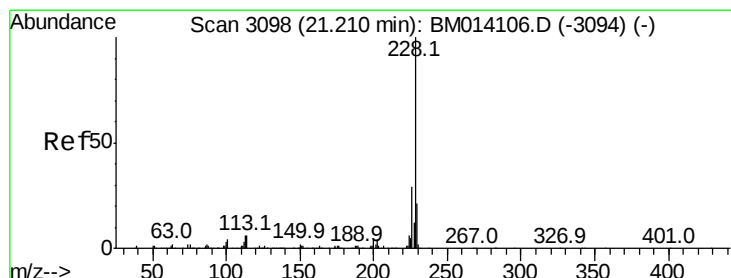
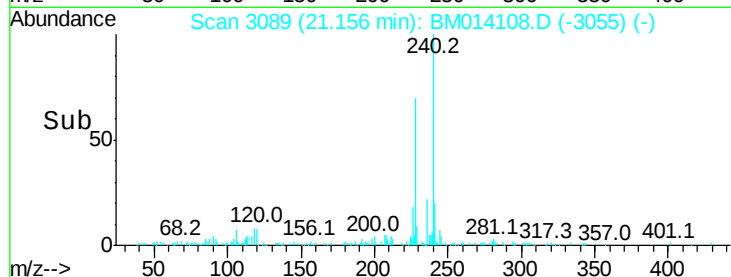
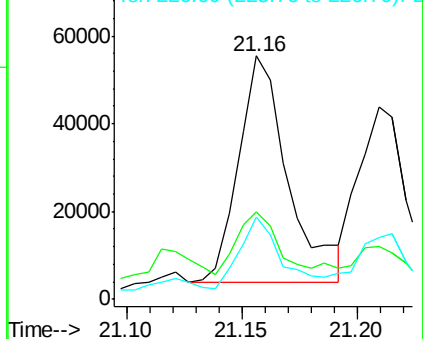
226 33.8 21.4 32.0#



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



#82

Chrysene

Concen: 1.541 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM014108.D

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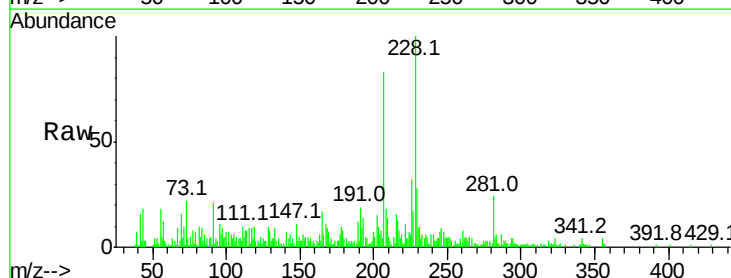
Tgt Ion:228 Resp: 61807

Ion Ratio Lower Upper

228 100

226 32.1 23.4 35.2

229 27.5 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

