

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050516\
 Data File : BM005246.D
 Acq On : 05 May 2016 22:04
 Operator : UM/SJ
 Sample : H2813-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7P3

Quant Time: May 11 07:34:08 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 06 04:17:42 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	102038	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	491615	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	313490	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	718805	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	837248	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	810217	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	2341	1.08	ng/uL	0.00
5) Phenol-d5	6.95	99	46465	5.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.11	67	127720	24.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.31	132	135926	19.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	95584	12.50	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	93959	26.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	106490	26.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	176655	23.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	10456	1.18	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	646938	25.75	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	759517	25.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	22899	4.99	ng/ul	0.00
57) Fluorene-d10	15.41	176	567807	26.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	111142	27.49	ng/ul	0.00
70) Anthracene-d10	17.27	188	866056	27.26	ng/ul	0.00
76) Pyrene-d10	19.56	212	1016603	26.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	996246	27.78	ng/ul	0.00

Target Compounds

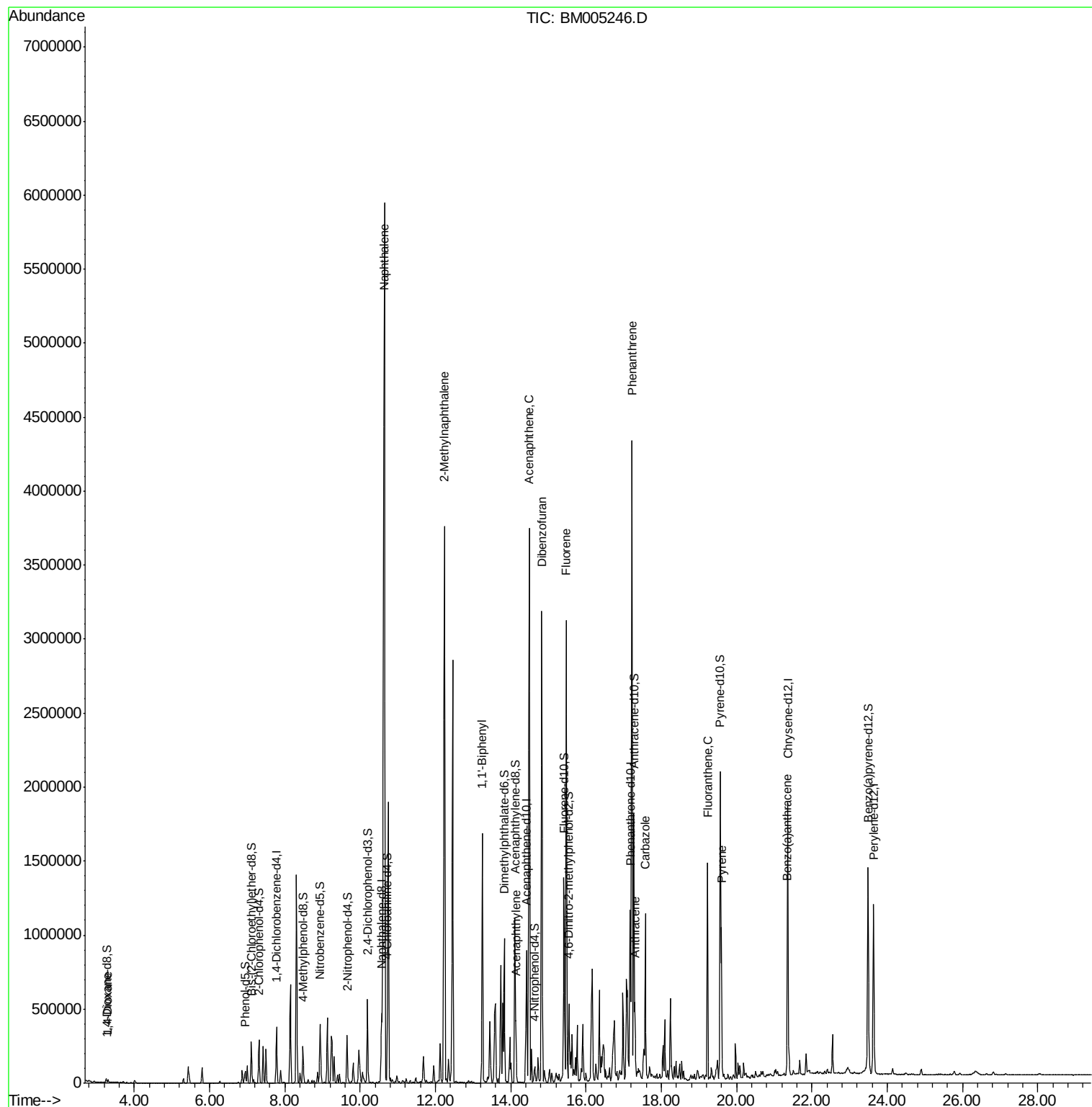
						Qvalue
2) 1,4-Dioxane	3.30	88	10384	2.62	ng/uL	99
28) Naphthalene	10.65	128	7752640	313.43	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	2118927	114.54	ng/ul	99
40) 1,1'-Biphenyl	13.24	154	899531	36.22	ng/ul	99
47) Acenaphthylene	14.14	152	153849	4.93	ng/ul#	95
49) Acenaphthene	14.49	153	1787708	87.00	ng/ul	99
53) Dibenzofuran	14.82	168	2246031	75.33	ng/ul	96
58) Fluorene	15.47	166	1481529	63.56	ng/ul	100
69) Phenanthrene	17.22	178	3130443	82.83	ng/ul	98
71) Anthracene	17.30	178	273230	7.25	ng/ul	99
72) Carbazole	17.57	167	723217	21.81	ng/ul	100
74) Fluoranthene	19.23	202	914797	21.85	ng/ul	98
77) Pyrene	19.59	202	598532	12.33	ng/ul	98
80) Benzo(a)anthracene	21.34	228	79312	1.65	ng/ul	98

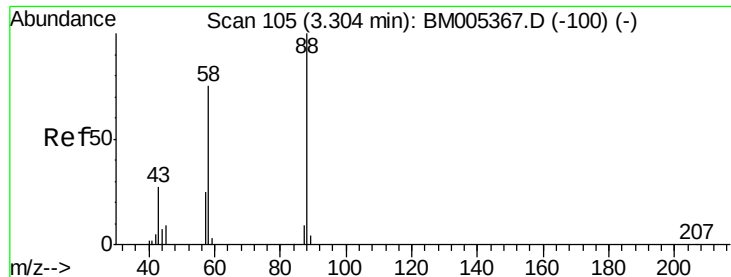
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 2.62 ng/uL

RT: 3.30 min Scan# 105

Delta R.T. 0.00 min

Lab File: BM005246.D

Acq: 05 May 2016 22:04

Instrument :

BNA_M

ClientSampleId :

BC7P3

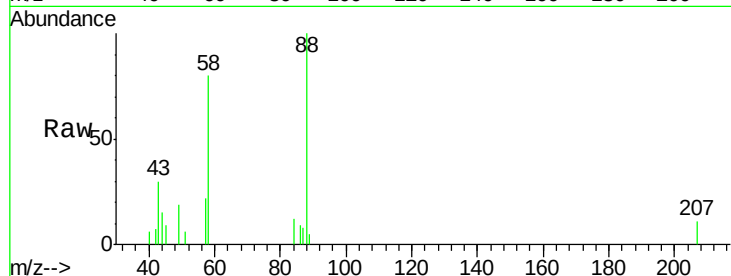
Tgt Ion: 88 Resp: 10384

Ion Ratio Lower Upper

88 100

43 26.0 19.3 28.9

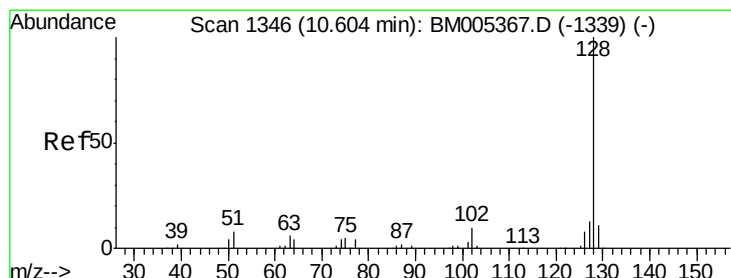
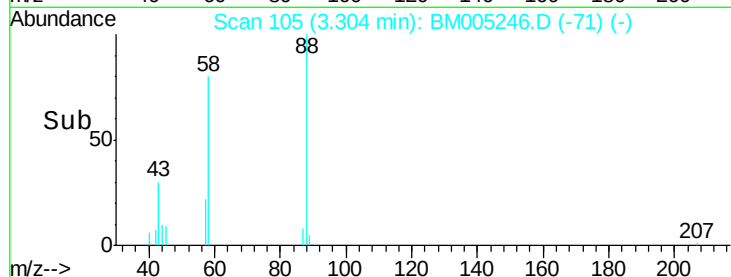
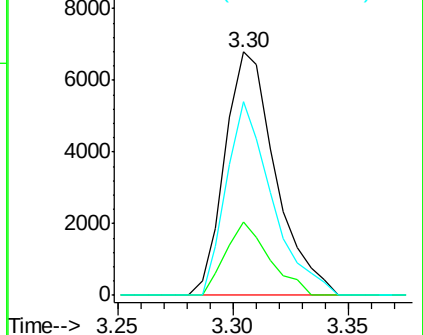
58 71.8 57.9 86.9



Abundance Ion 88.00 (87.70 to 88.70): BM005367.D (-100) (-)

Ion 43.00 (42.70 to 43.70): BM005367.D (-100) (-)

Ion 58.00 (57.70 to 58.70): BM005367.D (-100) (-)



#28

Naphthalene

Concen: 313.43 ng/uL

RT: 10.65 min Scan# 1353

Delta R.T. 0.04 min

Lab File: BM005246.D

Acq: 05 May 2016 22:04

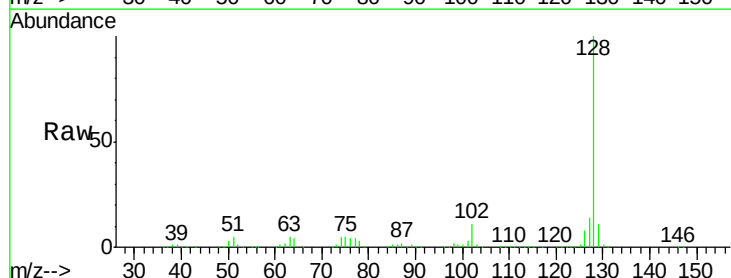
Tgt Ion: 128 Resp: 7752640

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

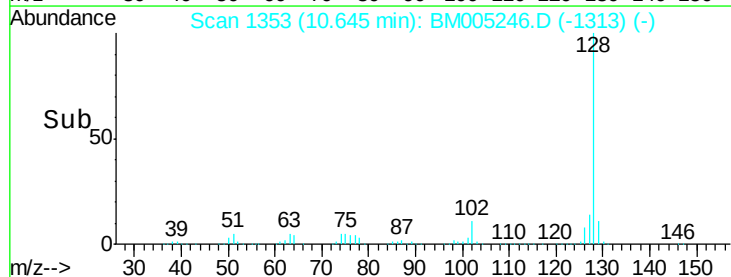
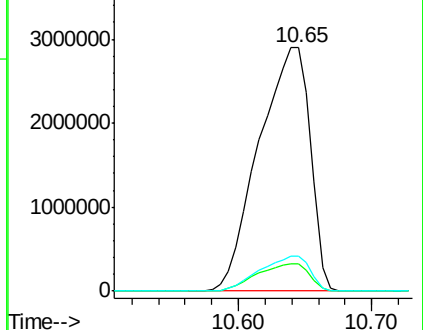
127 14.3 10.8 16.2

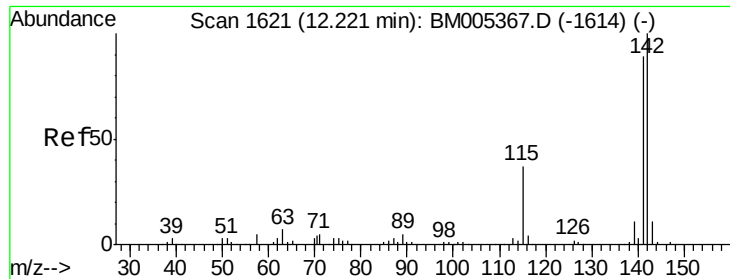


Abundance Ion 128.00 (127.70 to 128.70): BM005367.D (-1339) (-)

Ion 129.00 (128.70 to 129.70): BM005367.D (-1339) (-)

Ion 127.00 (126.70 to 127.70): BM005367.D (-1339) (-)

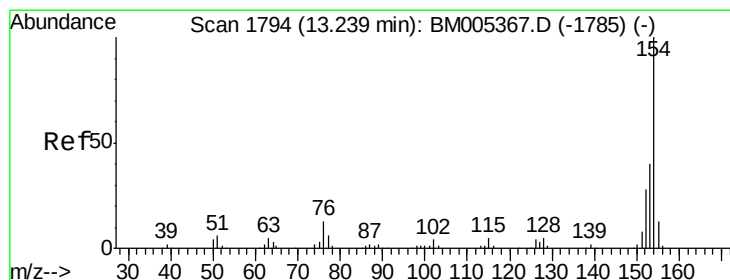
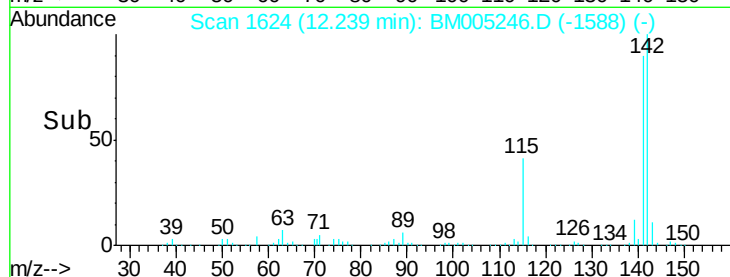
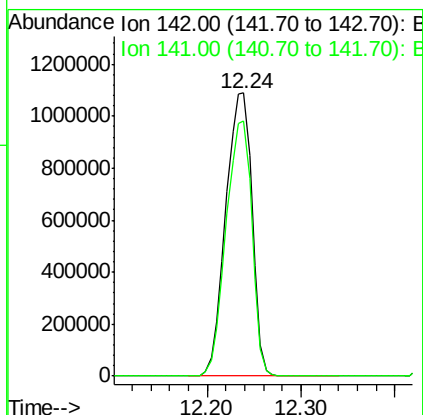
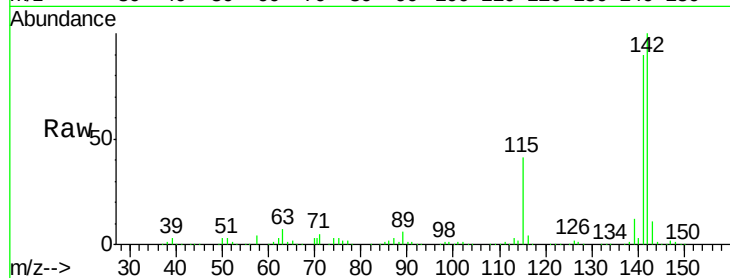




#34
 2-Methylnaphthalene
 Concen: 114.54 ng/ul
 RT: 12.24 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BM005246.D
 Acq: 05 May 2016 22:04

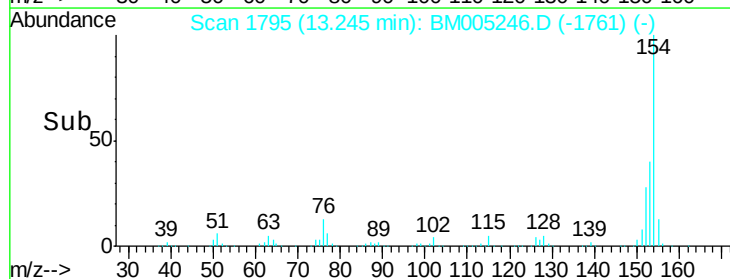
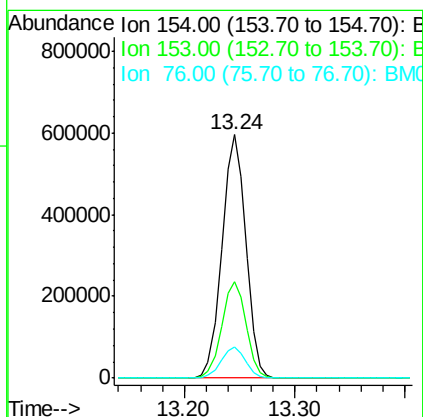
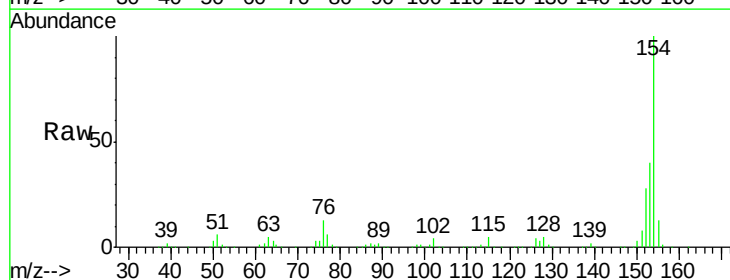
Instrument :
 BNA_M
 ClientSampleId :
 BC7P3

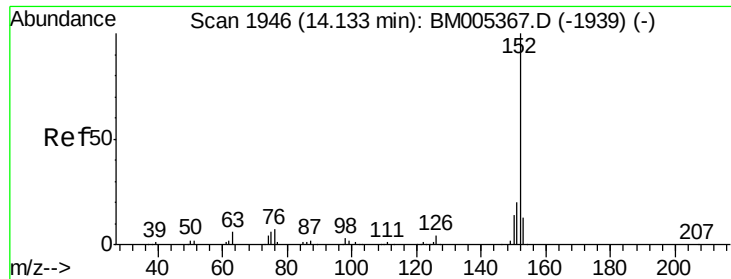
Tgt Ion:142 Resp: 2118927
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.3 106.9



#40
 1,1'-Biphenyl
 Concen: 36.22 ng/ul
 RT: 13.24 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: BM005246.D
 Acq: 05 May 2016 22:04

Tgt Ion:154 Resp: 899531
 Ion Ratio Lower Upper
 154 100
 153 39.6 32.1 48.1
 76 12.7 10.6 15.8





#47

Acenaphthylene

Concen: 4.93 ng/ul

RT: 14.14 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BM005246.D

Acq: 05 May 2016 22:04

Instrument :

BNA_M

ClientSampleId :

BC7P3

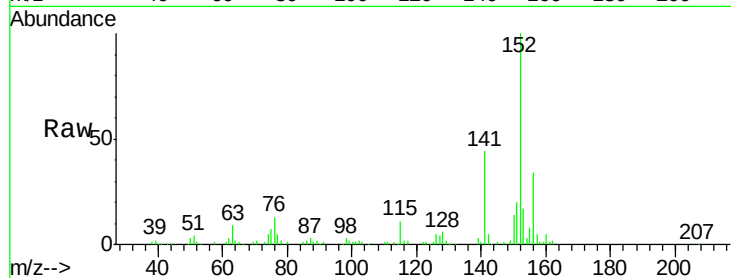
Tgt Ion:152 Resp: 153849

Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

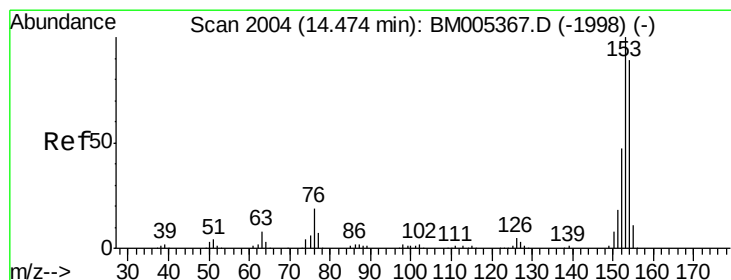
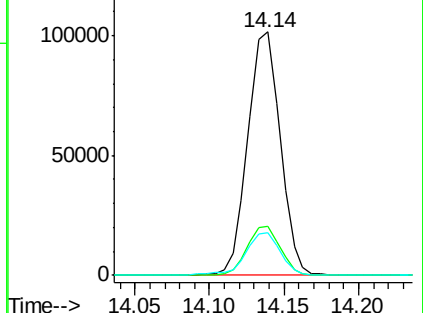
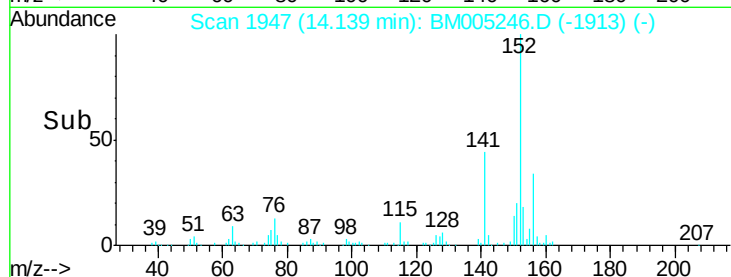
153 17.4 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 87.00 ng/ul

RT: 14.49 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BM005246.D

Acq: 05 May 2016 22:04

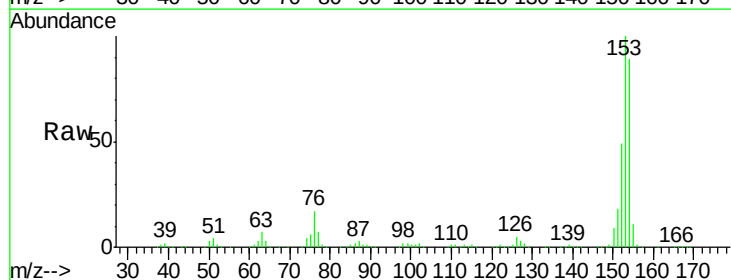
Tgt Ion:153 Resp: 1787708

Ion Ratio Lower Upper

153 100

152 48.6 38.9 58.3

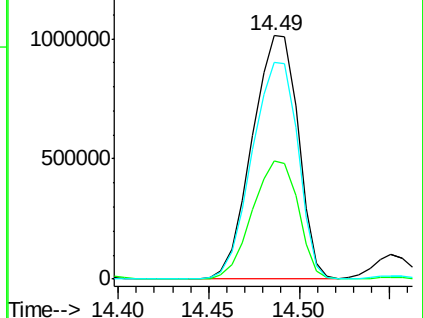
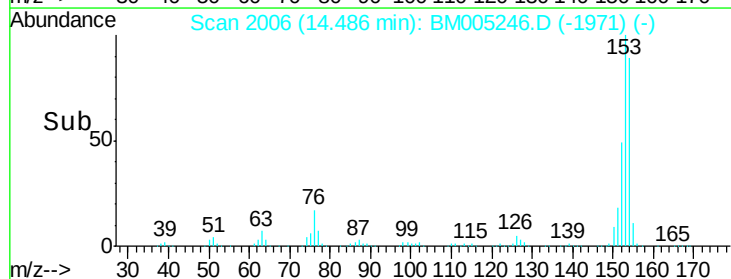
154 89.0 70.3 105.5

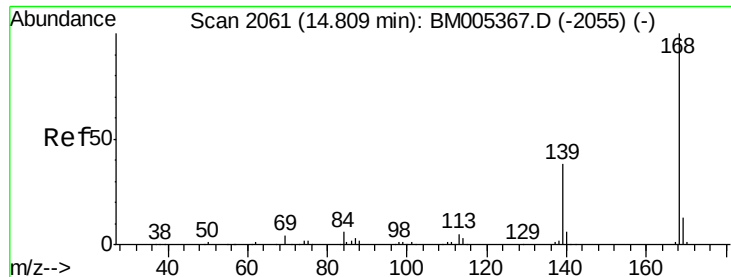


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

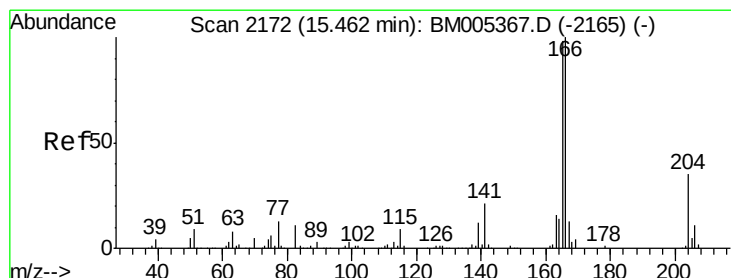
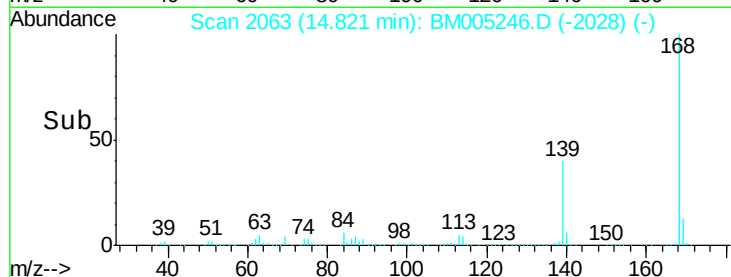
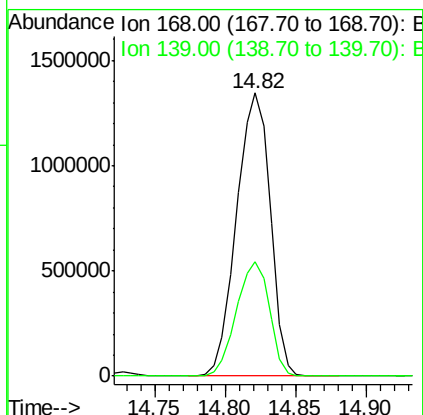
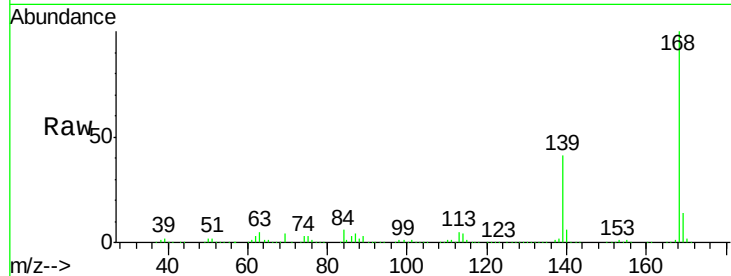




#53
Dibenzenofuran
Concen: 75.33 ng/ul
RT: 14.82 min Scan# 2063
Delta R.T. 0.01 min
Lab File: BM005246.D
Acq: 05 May 2016 22:04

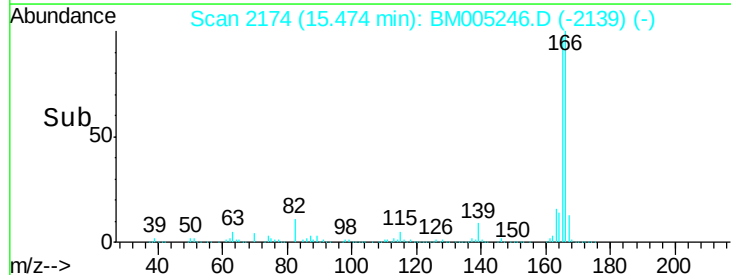
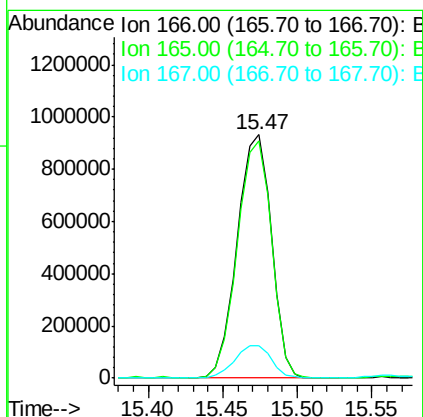
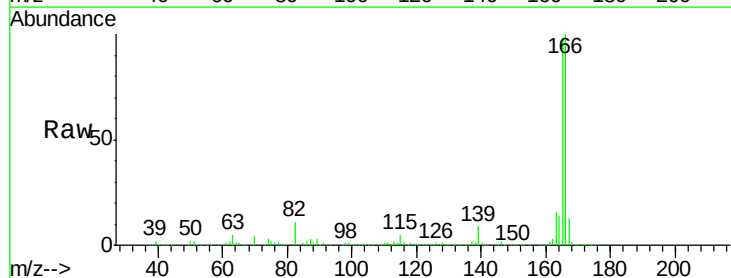
Instrument :
BNA_M
ClientSampleId :
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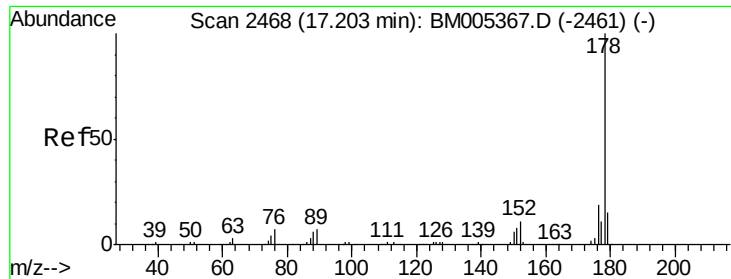
Tgt Ion:168 Resp: 2246031
Ion Ratio Lower Upper
168 100
139 40.6 30.3 45.5



#58
Fluorene
Concen: 63.56 ng/ul
RT: 15.47 min Scan# 2174
Delta R.T. 0.01 min
Lab File: BM005246.D
Acq: 05 May 2016 22:04

Tgt Ion:166 Resp: 1481529
Ion Ratio Lower Upper
166 100
165 97.5 77.9 116.9
167 13.4 10.6 16.0





#69

Phenanthrene

Concen: 82.83 ng/ul

RT: 17.22 min Scan# 2470

Delta R.T. 0.01 min

Lab File: BM005246.D

Acq: 05 May 2016 22:04

Instrument :

BNA_M

ClientSampleId :

BC7P3

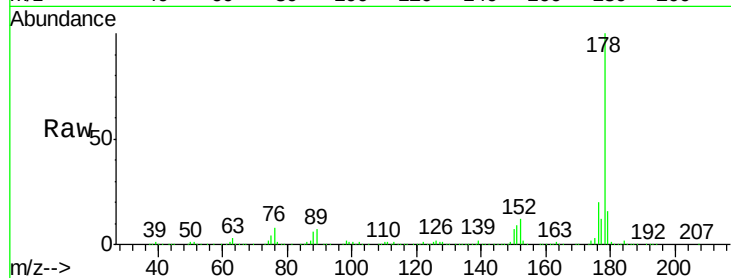
Tgt Ion:178 Resp: 3130443

Ion Ratio Lower Upper

178 100

179 15.9 12.3 18.5

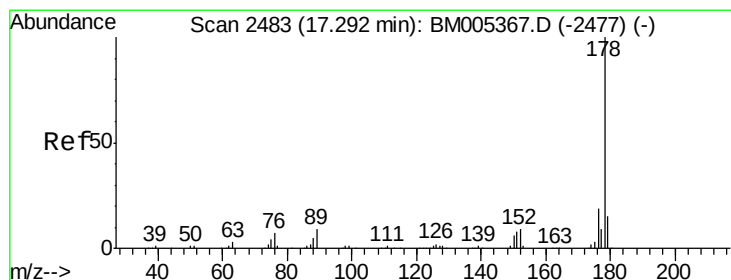
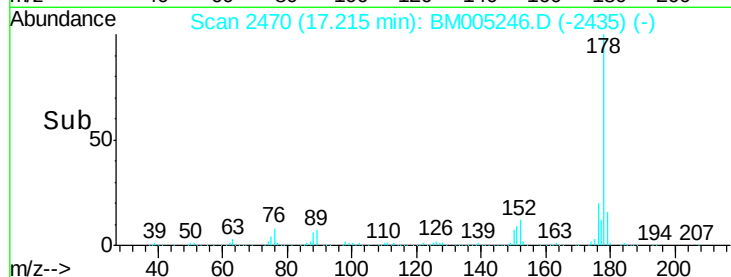
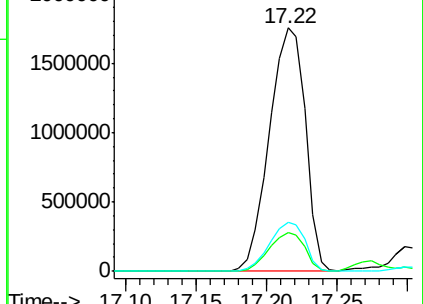
176 20.1 15.2 22.8



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



#71

Anthracene

Concen: 7.25 ng/ul

RT: 17.30 min Scan# 2484

Delta R.T. 0.00 min

Lab File: BM005246.D

Acq: 05 May 2016 22:04

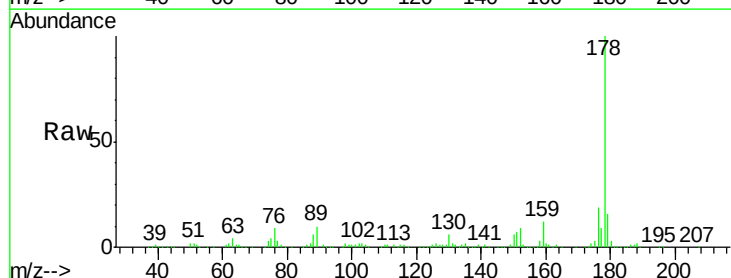
Tgt Ion:178 Resp: 273230

Ion Ratio Lower Upper

178 100

179 16.4 12.4 18.6

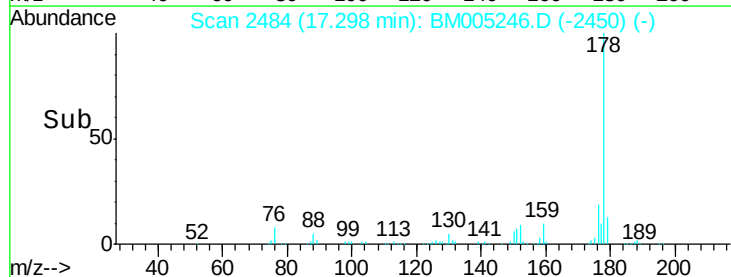
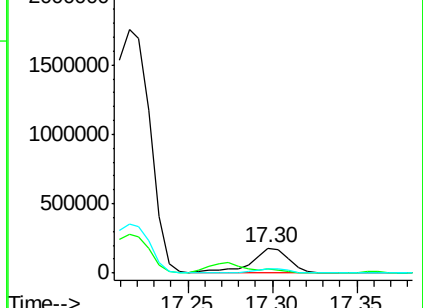
176 18.7 15.1 22.7

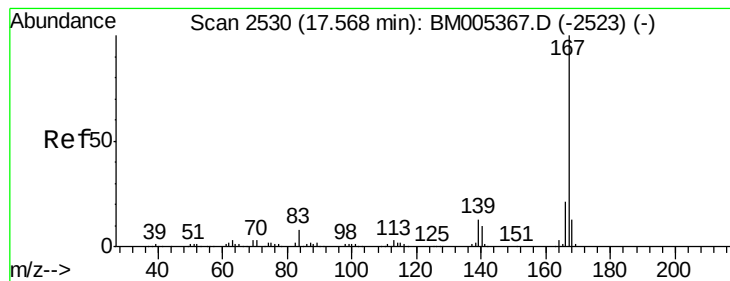


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 21.81 ng/ul

RT: 17.57 min Scan# 2531

Delta R.T. 0.00 min

Lab File: BM005246.D

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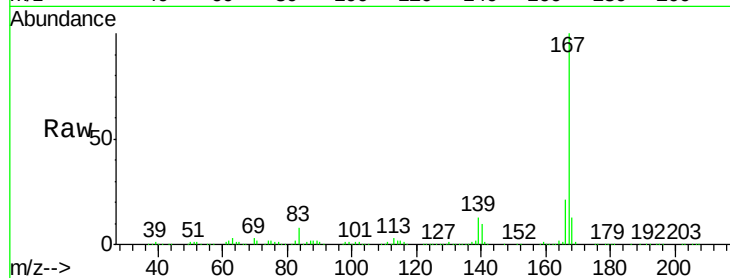
Tgt Ion:167 Resp: 723217

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

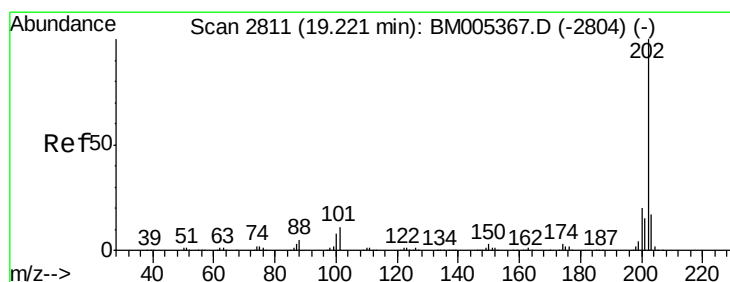
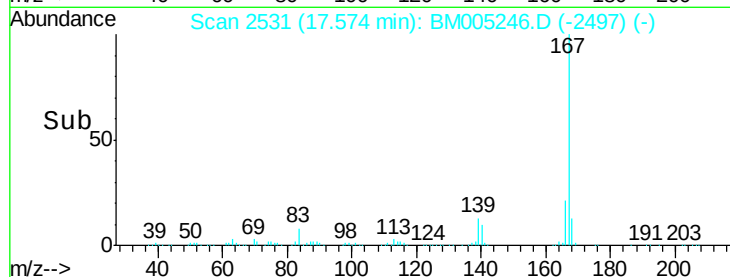
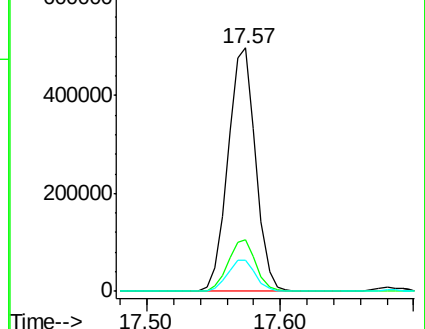
139 12.7 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 21.85 ng/ul

RT: 19.23 min Scan# 2812

Delta R.T. 0.00 min

Lab File: BM005246.D

Acq: 05 May 2016 22:04

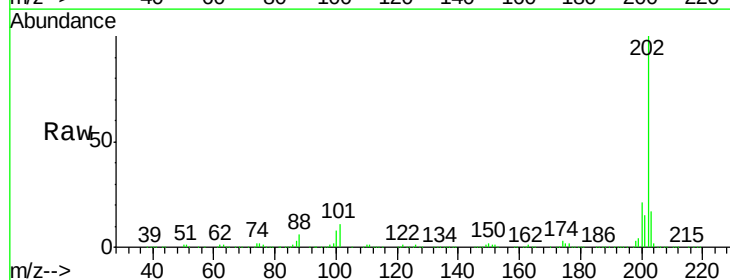
Tgt Ion:202 Resp: 914797

Ion Ratio Lower Upper

202 100

101 10.8 9.2 13.8

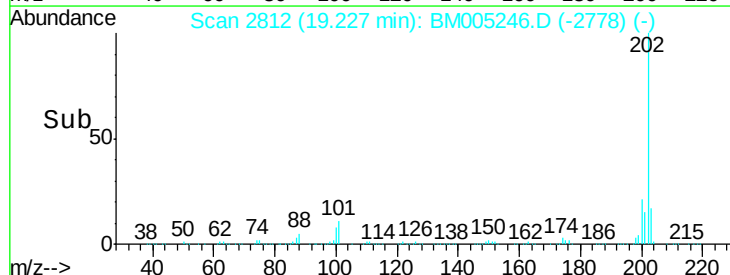
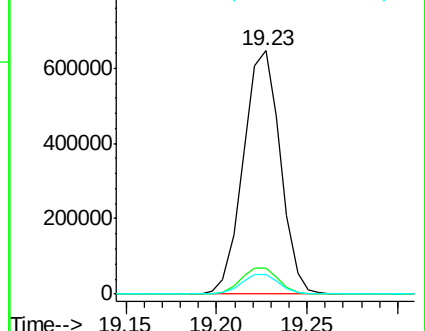
100 8.2 7.1 10.7

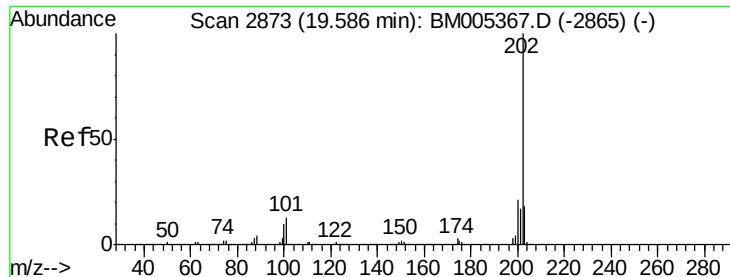


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 12.33 ng/ul

RT: 19.59 min Scan# 2874

Delta R.T. 0.00 min

Lab File: BM005246.D

Acq: 05 May 2016 22:04

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BC7P3

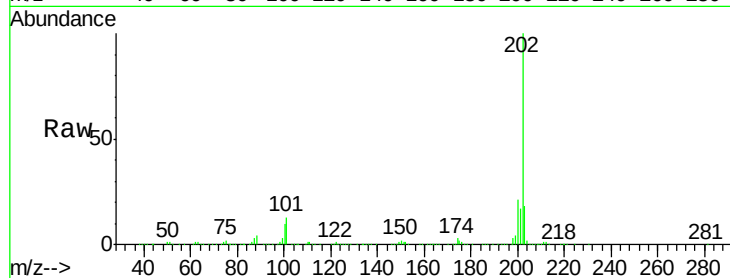
Tgt Ion:202 Resp: 598532

Ion Ratio Lower Upper

202 100

101 12.7 10.8 16.2

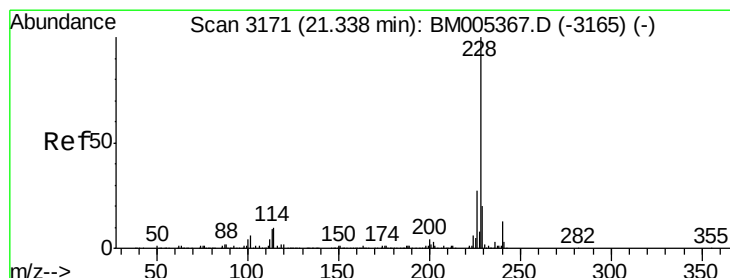
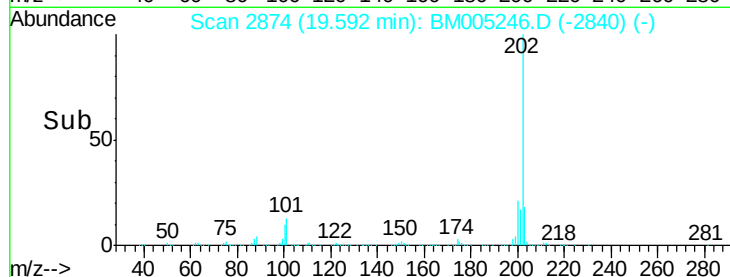
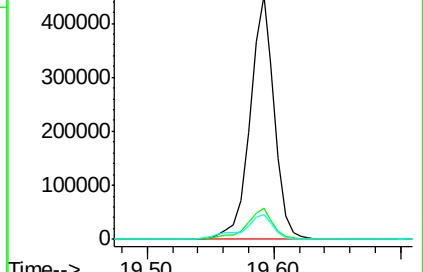
100 10.1 8.4 12.6



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: 1.65 ng/ul

RT: 21.34 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BM005246.D

Acq: 05 May 2016 22:04

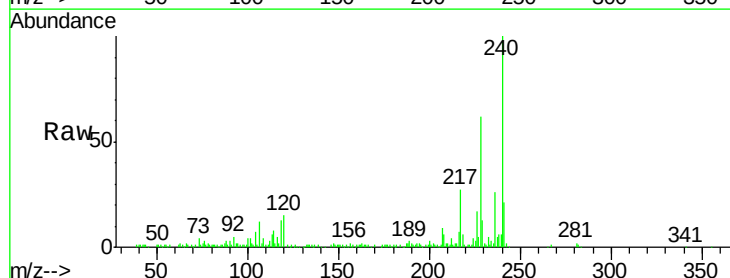
Tgt Ion:228 Resp: 79312

Ion Ratio Lower Upper

228 100

229 20.6 15.5 23.3

226 27.9 21.8 32.8



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

