

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042516\
 Data File : BM005063.D
 Acq On : 26 Apr 2016 01:55
 Operator : UM/SJ
 Sample : H2584-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7P9

Quant Time: Apr 26 03:47:06 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 26 00:45:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	26898	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	157277	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	122836	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	303080	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	351407	20.00	ng/ul	-0.01
83) Perylene-d12	23.66	264	313470	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	1868	3.53	ng/uL	0.00
5) Phenol-d5	6.97	99	42596	19.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	88938	70.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	111245	63.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	81485	43.20	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	66035	60.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	78351	64.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	137670	59.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	1216	0.45	ng/ul	0.01
43) Dimethylphthalate-d6	13.84	166	484265	49.92	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	570370	49.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	18423	10.86	ng/ul	0.00
57) Fluorene-d10	15.43	176	411773	48.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	87791	50.93	ng/ul	0.00
70) Anthracene-d10	17.29	188	642988	47.31	ng/ul	0.00
76) Pyrene-d10	19.58	212	733467	45.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	676654	48.18	ng/ul	0.00

Target Compounds

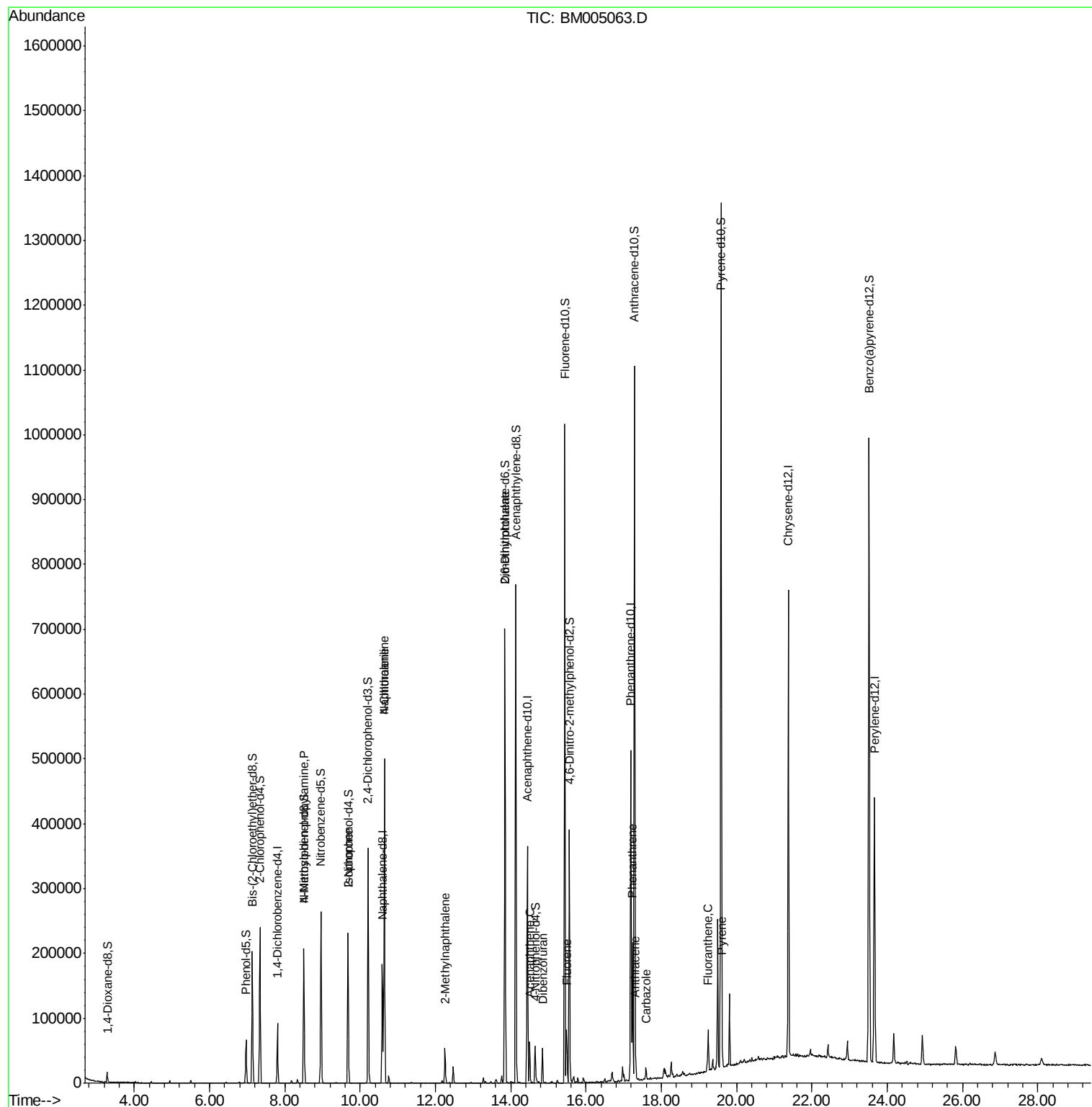
						Qvalue
15) N-Nitroso-di-n-propylamine	8.50	70	1747	1.23	ng/ul#	1
21) Isophorone	9.67	82	6173	1.21	ng/ul#	71
28) Naphthalene	10.64	128	419897	52.93	ng/ul	99
30) 4-Chloroaniline	10.64	127	55183	20.03	ng/ul#	6
34) 2-Methylnaphthalene	12.25	142	27442	4.67	ng/ul	98
45) 2,6-Dinitrotoluene	13.85	165	3460	1.84	ng/ul#	39
49) Acenaphthene	14.50	153	26981	3.35	ng/ul	98
53) Dibenzofuran	14.84	168	33396	2.82	ng/ul	98
58) Fluorene	15.49	166	35788	3.89	ng/ul	100
69) Phenanthrene	17.23	178	124163	7.70	ng/ul	99
71) Anthracene	17.32	178	20559	1.26	ng/ul	98
72) Carbazole	17.59	167	14608	1.05	ng/ul#	96
74) Fluoranthene	19.24	202	33749	1.90	ng/ul	99
77) Pyrene	19.61	202	20833	1.03	ng/ul	97

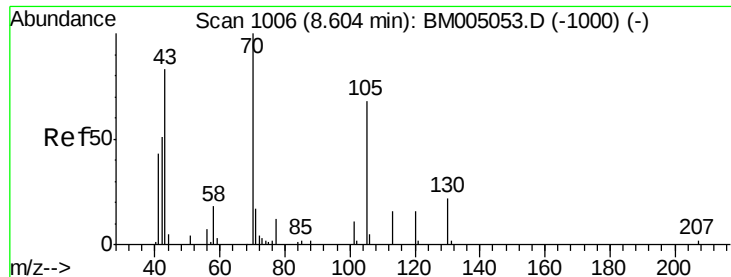
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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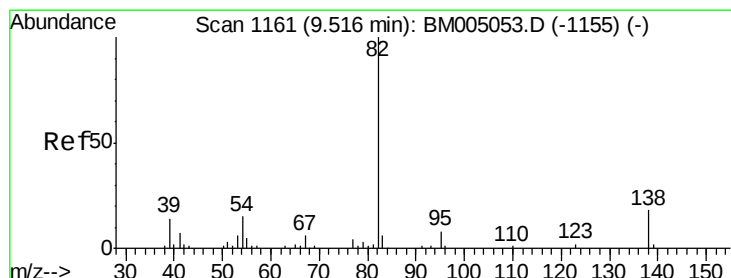
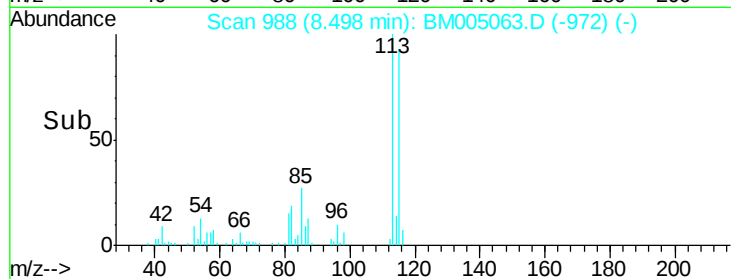
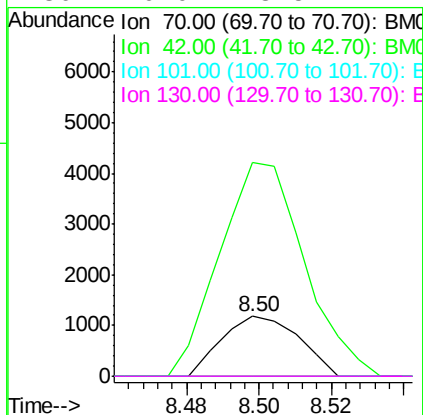
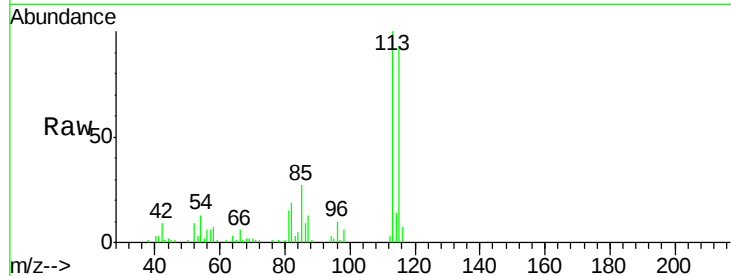




#15
N-Nitroso-di-n-propylamine
Concen: 1.23 ng/ul
RT: 8.50 min Scan# 988
Delta R.T. -0.11 min
Lab File: BM005063.D
Acq: 26 Apr 2016 01:55

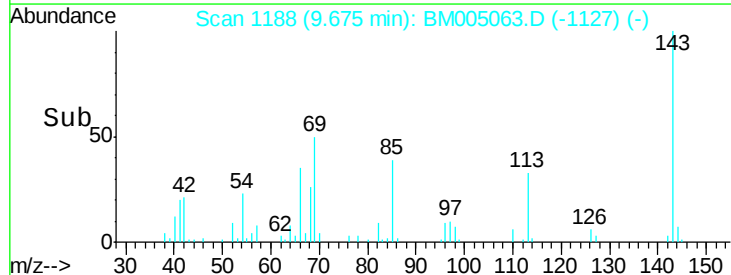
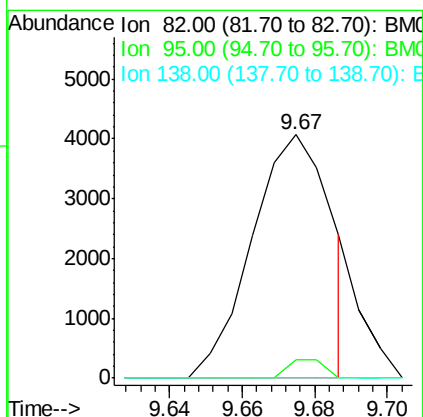
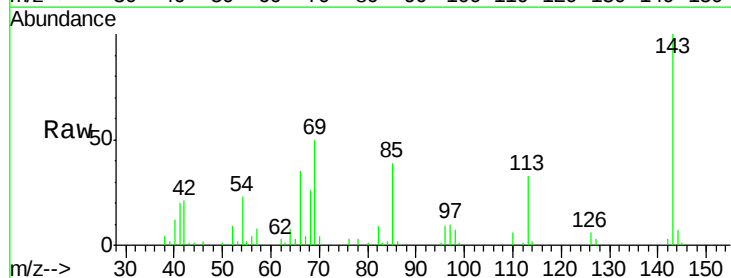
Instrument :
BNA_M
ClientSampleId :
BC7P9

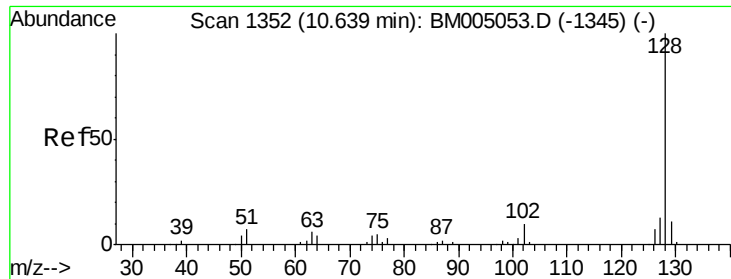
Tgt Ion: 70 Resp: 1747
Ion Ratio Lower Upper
70 100
42 355.4 40.6 60.8#
101 0.0 8.2 12.4#
130 0.0 18.5 27.7#



#21
Isophorone
Concen: 1.21 ng/ul
RT: 9.67 min Scan# 1188
Delta R.T. 0.16 min
Lab File: BM005063.D
Acq: 26 Apr 2016 01:55

Tgt Ion: 82 Resp: 6173
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 0.0 14.6 22.0#





#28

Naphthalene

Concen: 52.93 ng/ul

RT: 10.64 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BM005063.D

Acq: 26 Apr 2016 01:55

Instrument :

BNA_M

ClientSampleId :

BC7P9

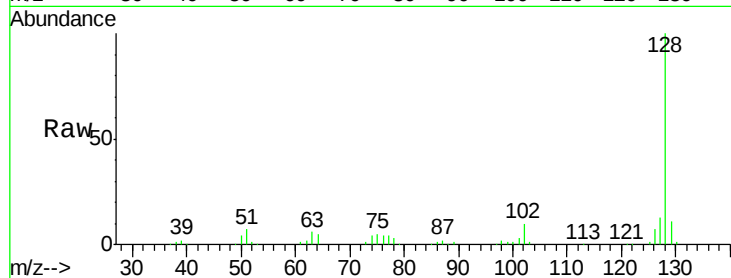
Tgt Ion:128 Resp: 419897

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

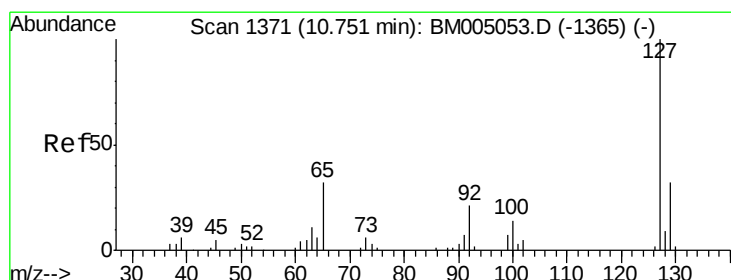
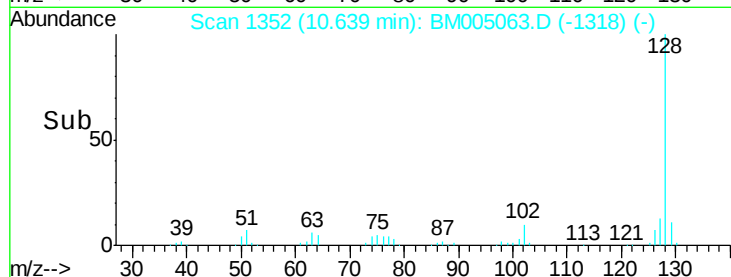
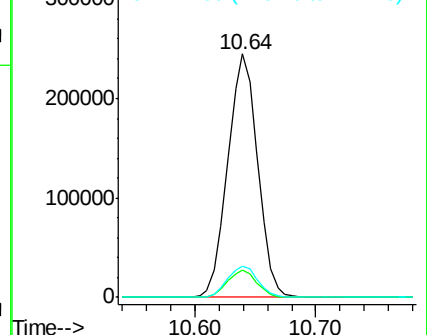
127 12.9 10.6 15.8



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



#30

4-Chloroaniline

Concen: 20.03 ng/ul

RT: 10.64 min Scan# 1352

Delta R.T. -0.11 min

Lab File: BM005063.D

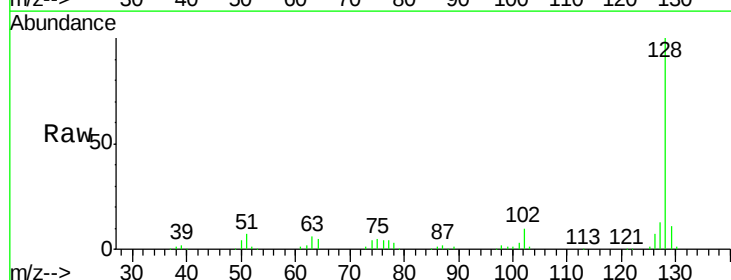
Acq: 26 Apr 2016 01:55

Tgt Ion:127 Resp: 55183

Ion Ratio Lower Upper

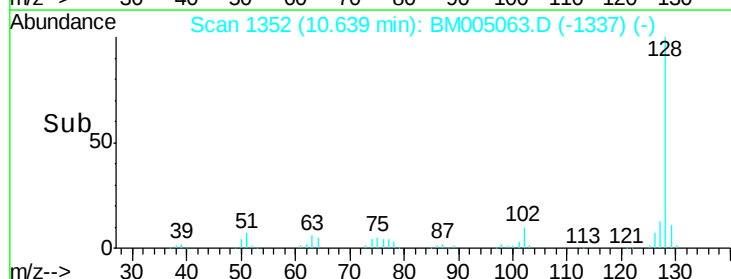
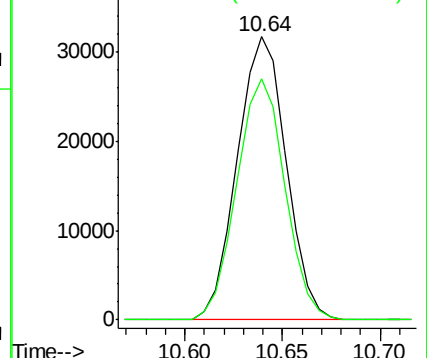
127 100

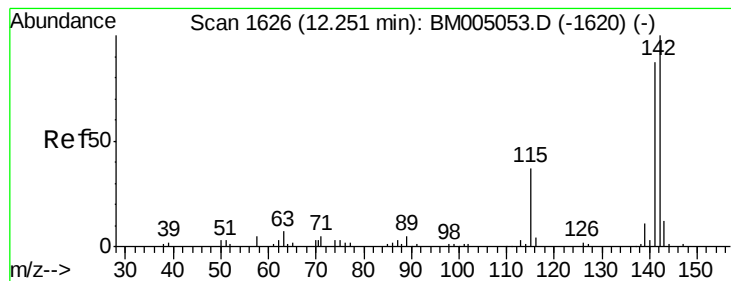
129 85.3 26.0 39.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 4.67 ng/ul

RT: 12.25 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BM005063.D

Acq: 26 Apr 2016 01:55

Instrument :

BNA_M

ClientSampleId :

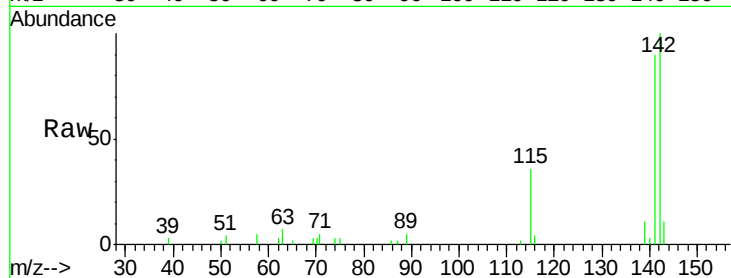
BC7P9

Tgt Ion:142 Resp: 27442

Ion Ratio Lower Upper

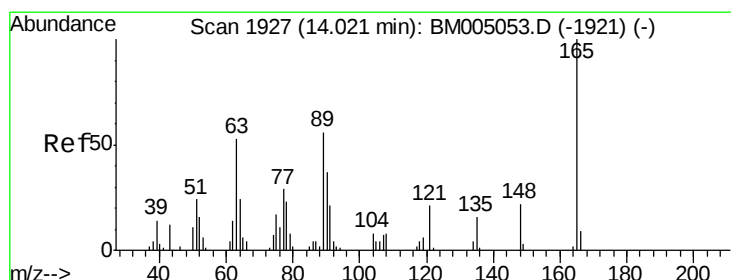
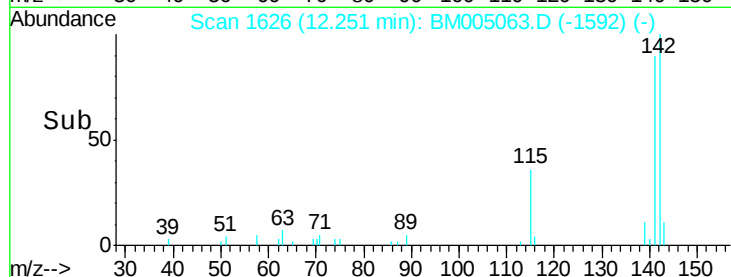
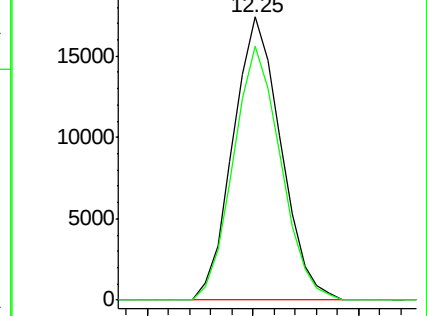
142 100

141 89.6 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#45

2,6-Dinitrotoluene

Concen: 1.84 ng/ul

RT: 13.85 min Scan# 1898

Delta R.T. -0.17 min

Lab File: BM005063.D

Acq: 26 Apr 2016 01:55

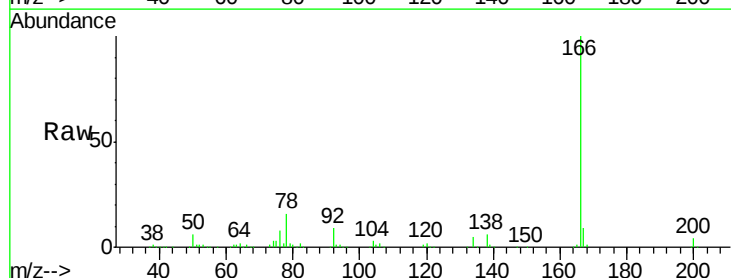
Tgt Ion:165 Resp: 3460

Ion Ratio Lower Upper

165 100

89 0.0 43.1 64.7#

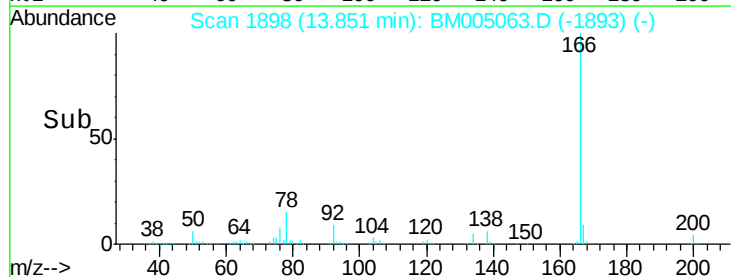
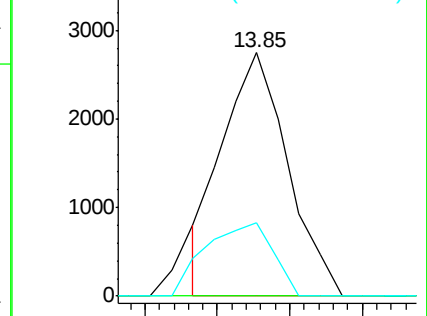
121 30.0 16.0 24.0#

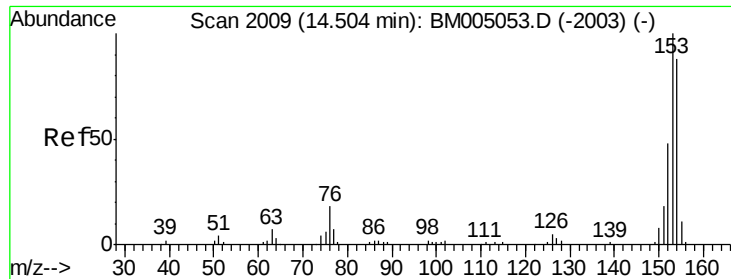


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#49

Acenaphthene

Concen: 3.35 ng/ul

RT: 14.50 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BM005063.D

Acq: 26 Apr 2016 01:55

Instrument :

BNA_M

ClientSampleId :

BC7P9

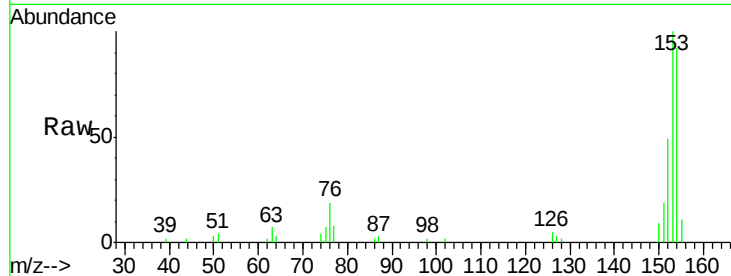
Tgt Ion:153 Resp: 26981

Ion Ratio Lower Upper

153 100

152 48.8 37.7 56.5

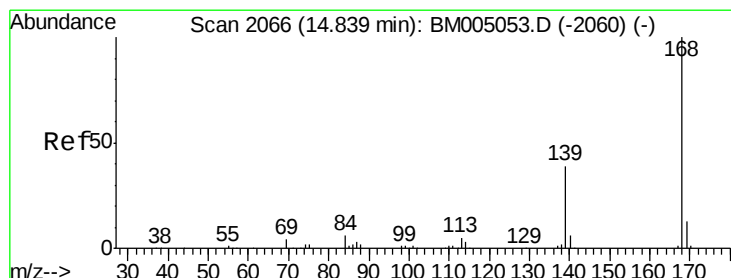
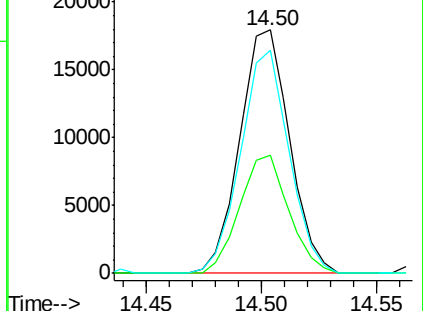
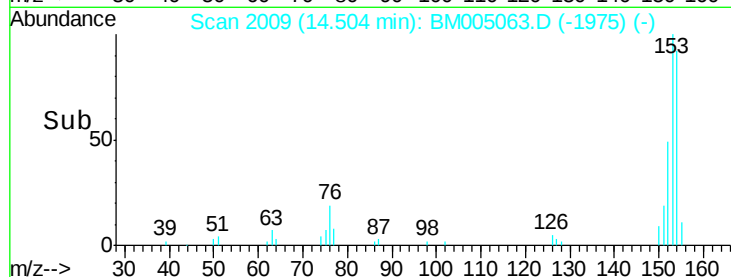
154 91.6 71.4 107.2



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

Dibenzofuran

Concen: 2.82 ng/ul

RT: 14.84 min Scan# 2066

Delta R.T. 0.00 min

Lab File: BM005063.D

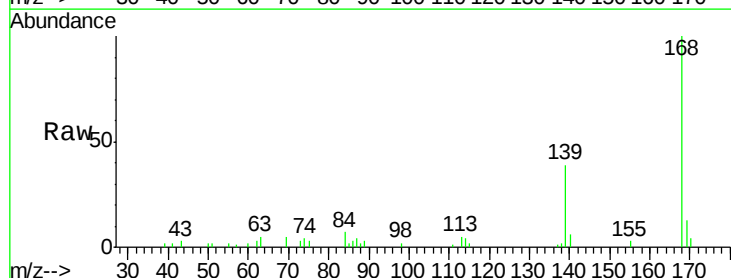
Acq: 26 Apr 2016 01:55

Tgt Ion:168 Resp: 33396

Ion Ratio Lower Upper

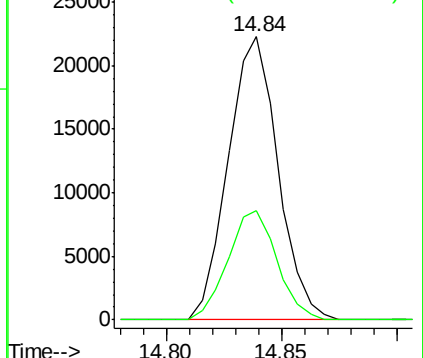
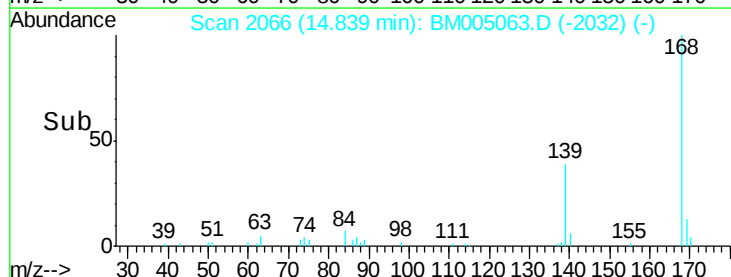
168 100

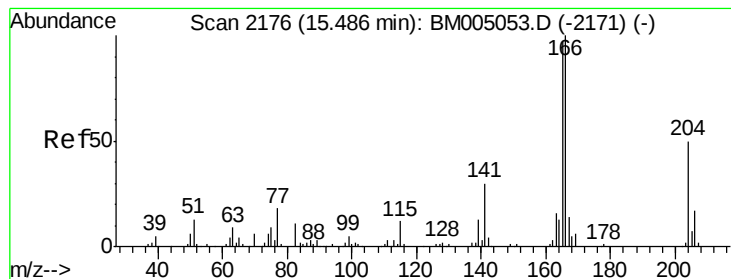
139 38.5 29.9 44.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 3.89 ng/ul

RT: 15.49 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BM005063.D

Acq: 26 Apr 2016 01:55

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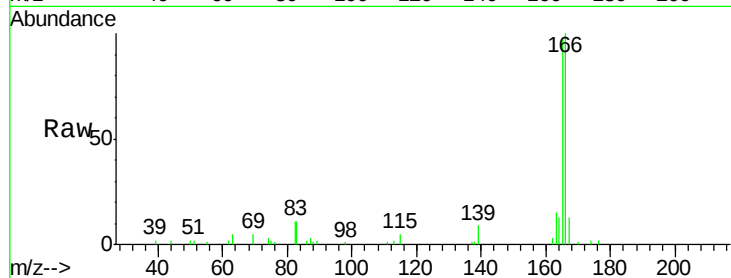
Tgt Ion:166 Resp: 35788

Ion Ratio Lower Upper

166 100

165 96.9 77.7 116.5

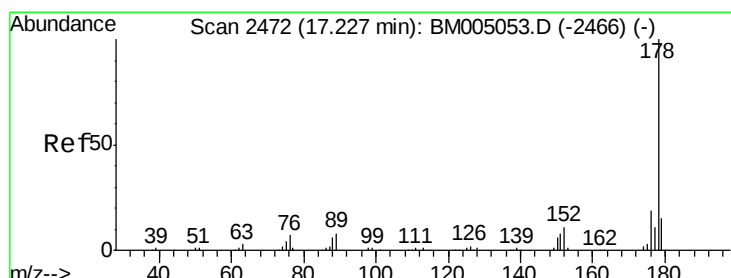
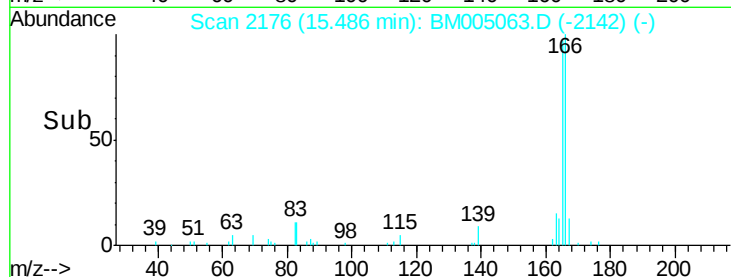
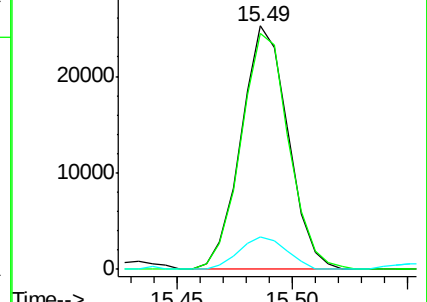
167 13.2 10.9 16.3



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



#69

Phenanthrene

Concen: 7.70 ng/ul

RT: 17.23 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BM005063.D

Acq: 26 Apr 2016 01:55

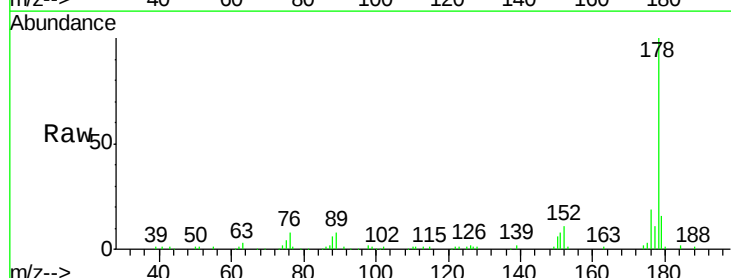
Tgt Ion:178 Resp: 124163

Ion Ratio Lower Upper

178 100

179 15.9 11.8 17.8

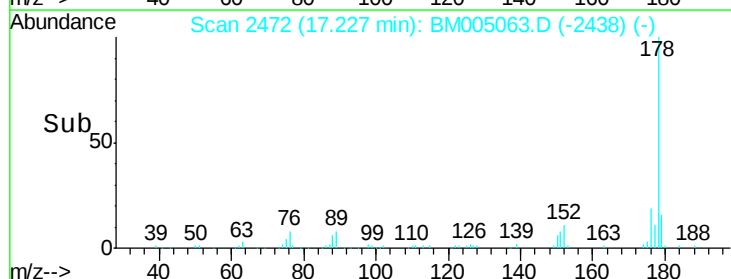
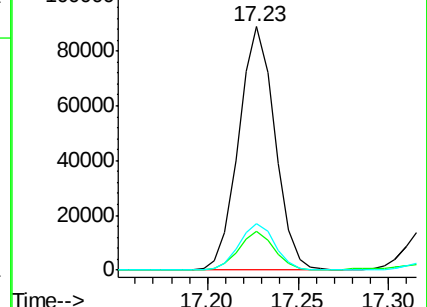
176 19.1 15.2 22.8

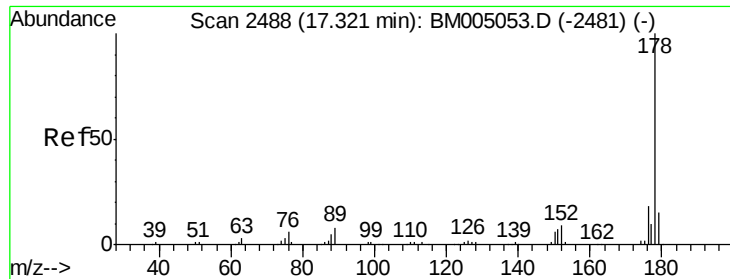


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

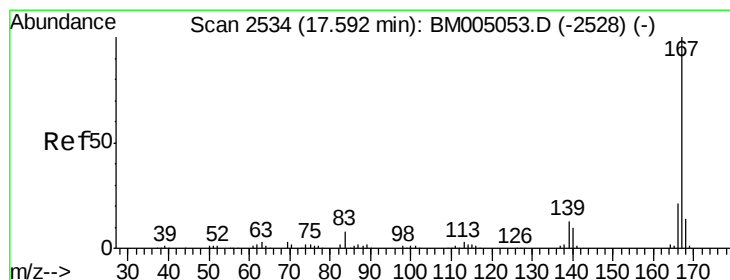
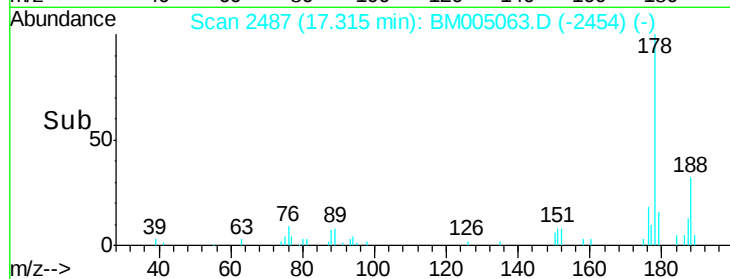
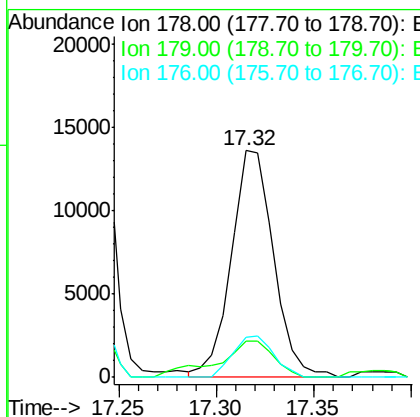
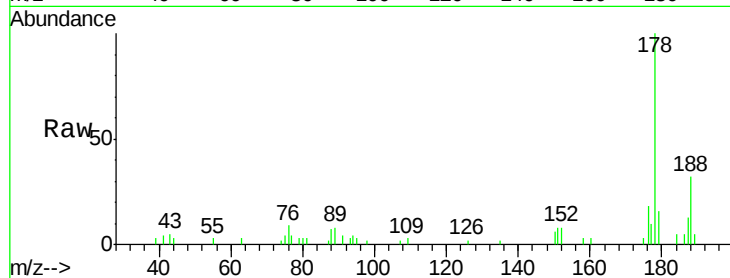




#71
 Anthracene
 Concen: 1.26 ng/ul
 RT: 17.32 min Scan# 2487
 Delta R.T. -0.01 min
 Lab File: BM005063.D
 Acq: 26 Apr 2016 01:55

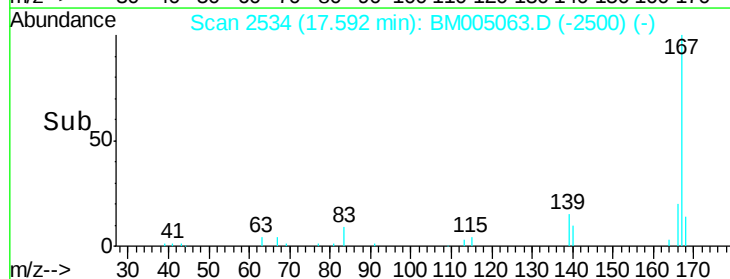
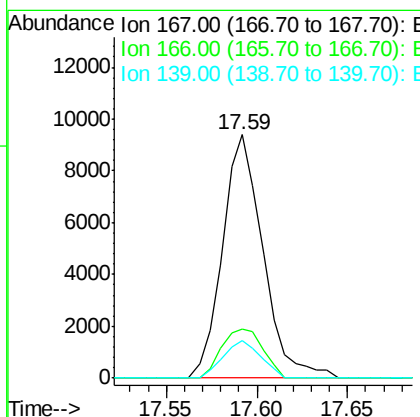
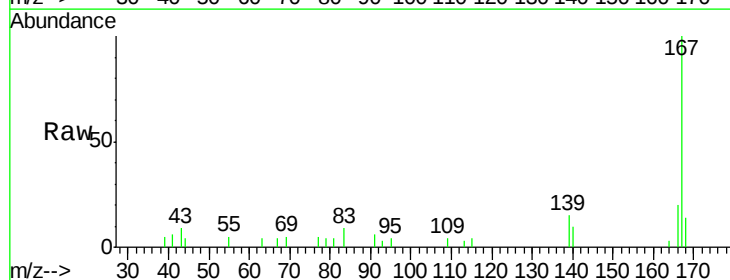
Instrument :
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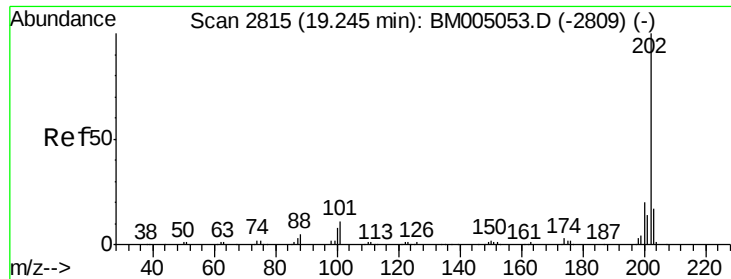
Tgt Ion:178 Resp: 20559
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.1 18.1
 176 17.8 14.6 22.0



#72
 Carbazole
 Concen: 1.05 ng/ul
 RT: 17.59 min Scan# 2534
 Delta R.T. 0.00 min
 Lab File: BM005063.D
 Acq: 26 Apr 2016 01:55

Tgt Ion:167 Resp: 14608
 Ion Ratio Lower Upper
 167 100
 166 20.0 16.6 25.0
 139 15.4 10.2 15.4#





#74

Fluoranthene

Concen: 1.90 ng/ul

RT: 19.24 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM005063.D

Acq: 26 Apr 2016 01:55

Instrument :

BNA_M

ClientSampleId :

BC7P9

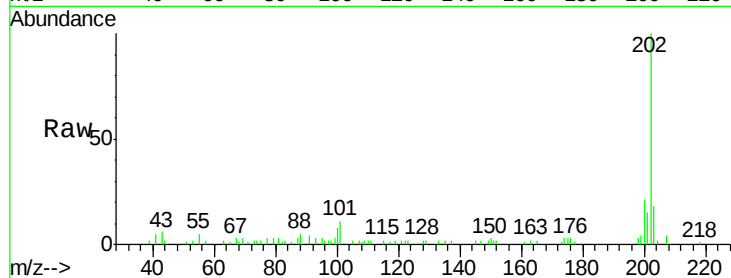
Tgt Ion:202 Resp: 33749

Ion Ratio Lower Upper

202 100

101 10.6 9.0 13.4

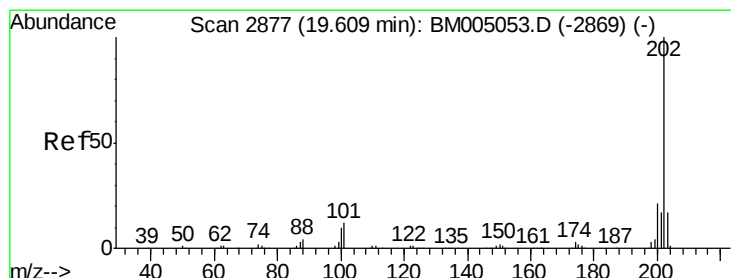
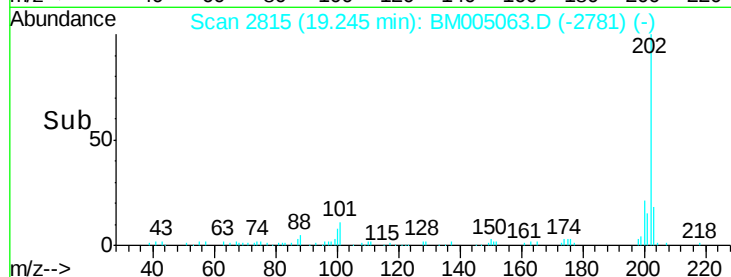
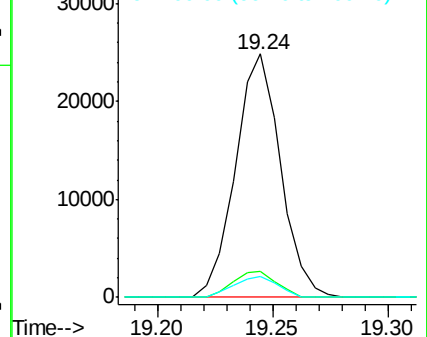
100 8.3 6.6 10.0



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: 1.03 ng/ul

RT: 19.61 min Scan# 2877

Delta R.T. 0.00 min

Lab File: BM005063.D

Acq: 26 Apr 2016 01:55

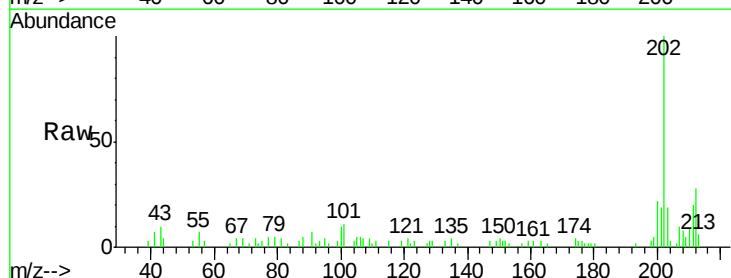
Tgt Ion:202 Resp: 20833

Ion Ratio Lower Upper

202 100

101 11.4 10.5 15.7

100 9.5 8.2 12.2



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

