

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111715\
 Data File : BM003163.D
 Acq On : 17 Nov 2015 03:26
 Operator : UM/IZ
 Sample : G4323-33MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J60MSD

Quant Time: Nov 17 04:02:17 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 17 02:43:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	124216	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	544121	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	314794	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	695954	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	754449	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	758882	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	6018	2.28	ng/uL	0.00
5) Phenol-d5	6.90	99	116855	11.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	70368	12.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	103326	12.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	75794	9.57	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	50484	15.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	53419	15.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	96387	12.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	68935	7.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	338909	14.31	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	361187	12.04	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	53310	13.36	ng/ul	0.00
58) Fluorene-d10	15.39	176	284852	13.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	39271	12.18	ng/ul	0.00
71) Anthracene-d10	17.23	188	374649	12.14	ng/ul	0.00
79) Pyrene-d10	19.53	212	389249	10.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	373685	10.36	ng/ul	0.00

Target Compounds

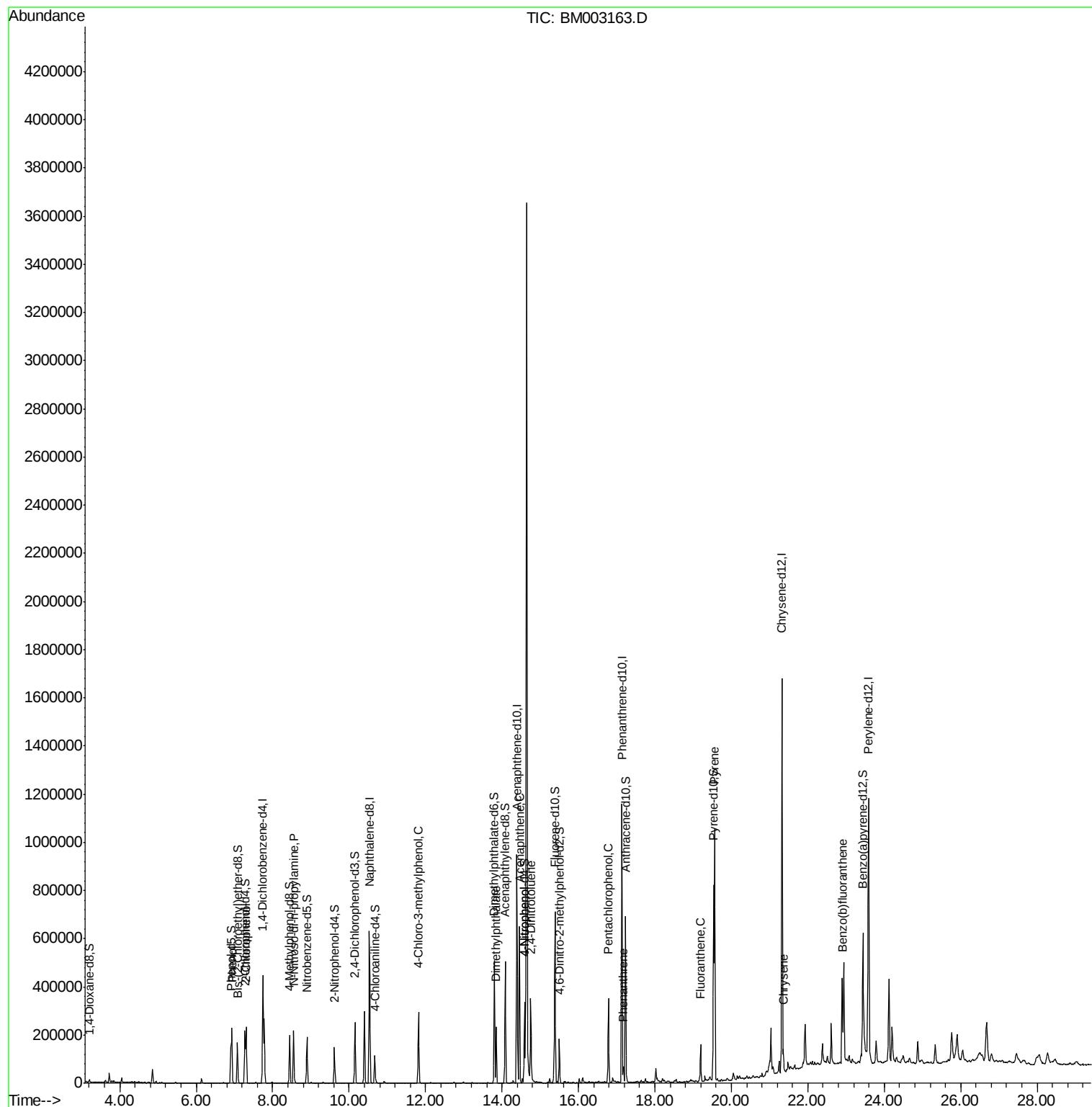
						Ovalue
6) Phenol	6.93	94	131241	12.99	ng/ul	93
10) 2-Chlorophenol	7.30	128	109264	12.71	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	80240	13.48	ng/ul	91
33) 4-Chloro-3-methylphenol	11.82	107	104659	12.80	ng/ul	94
45) Dimethylphthalate	13.84	163	153304	6.35	ng/ul	99
50) Acenaphthene	14.46	153	272447	12.62	ng/ul	99
53) 4-Nitrophenol	14.60	109	44975	14.82	ng/ul#	71
55) 2,4-Dinitrotoluene	14.75	165	96987	17.47	ng/ul#	87
69) Pentachlorophenol	16.79	266	57468	12.48	ng/ul	98
70) Phenanthrene	17.17	178	41294	1.05	ng/ul	99
77) Fluoranthene	19.20	202	90727	2.28	ng/ul#	94
80) Pyrene	19.56	202	597271	12.10	ng/ul#	93
85) Chrysene	21.36	228	46658	1.14	ng/ul	95
88) Benzo(b)fluoranthene	22.91	252	66114	1.51	ng/ul	97

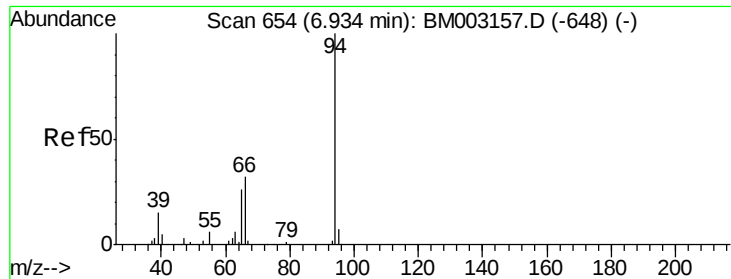
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 12.99 ng/ul

RT: 6.93 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM003163.D

Acq: 17 Nov 2015 03:26

Instrument :

BNA_M

ClientSampleId :

A4J60MSD

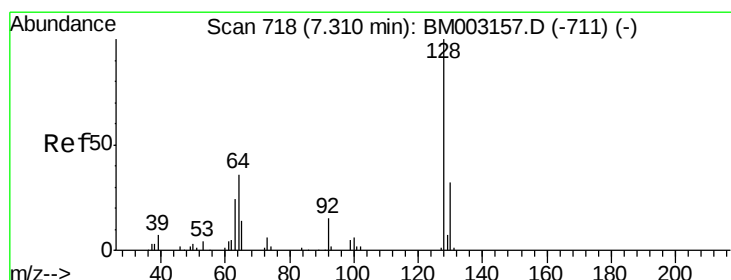
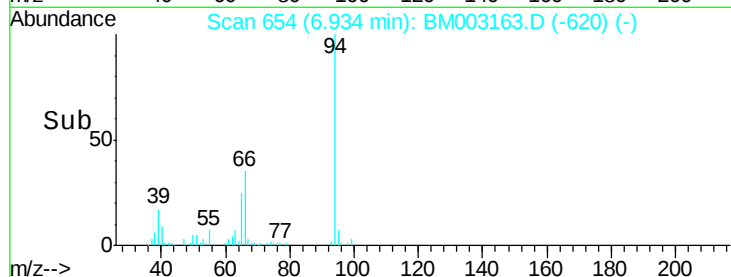
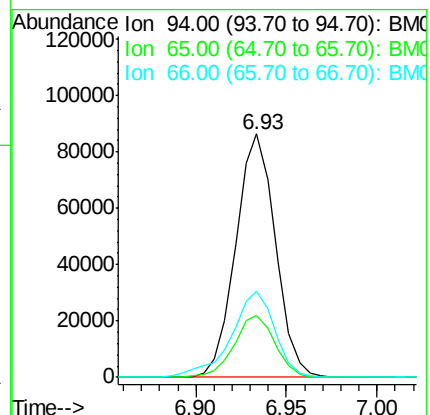
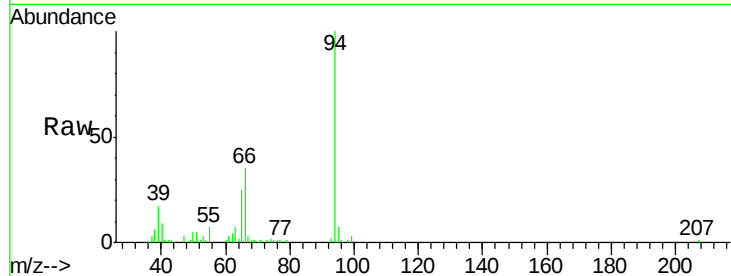
Tot Ion: 94 Resp: 131241

Ion Ratio Lower Upper

94 100

65 25.4 18.7 28.1

66 35.4 24.2 36.2



#10

2-Chlorophenol

Concen: 12.71 ng/ul

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BM003163.D

Acq: 17 Nov 2015 03:26

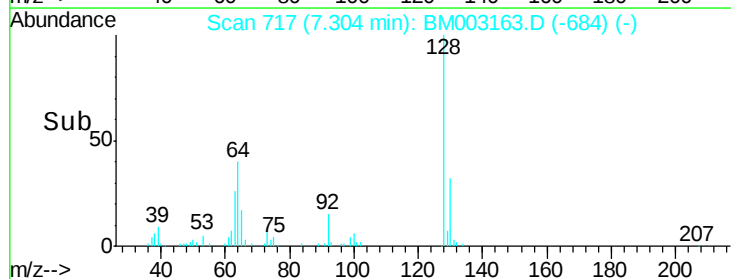
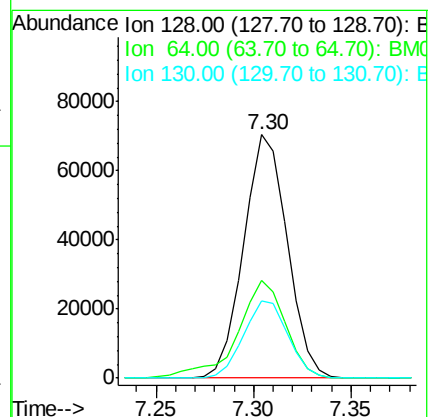
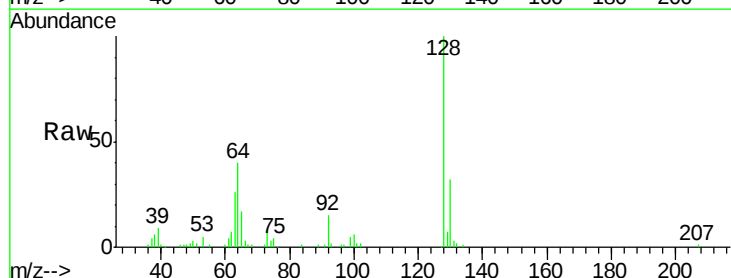
Tgt Ion: 128 Resp: 109264

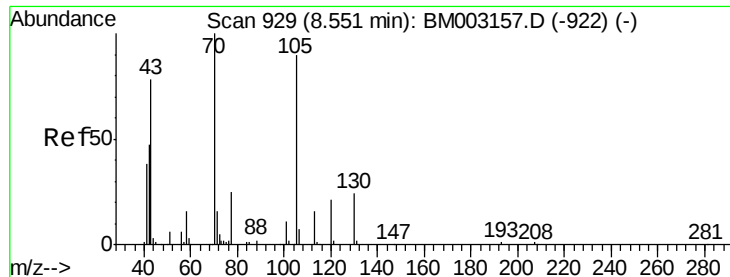
Ion Ratio Lower Upper

128 100

64 40.4 32.2 48.4

130 31.7 26.7 40.1





#15

N-Nitroso-di-n-propylamine

Concen: 13.48 ng/ul

RT: 8.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BM003163.D

Acq: 17 Nov 2015 03:26

Instrument :

BNA_M

ClientSampleId :

A4J60MSD

Tot Ion: 70 Resp: 80240

Ion	Ratio	Lower	Upper
70	100		
42	45.8	43.5	65.3
101	10.3	9.0	13.4
130	24.5	21.4	32.2

70 100

42 45.8 43.5 65.3

101 10.3 9.0 13.4

130 24.5 21.4 32.2

Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

8.55

Time-->

8.50 8.55 8.60

Abundance

80000

60000

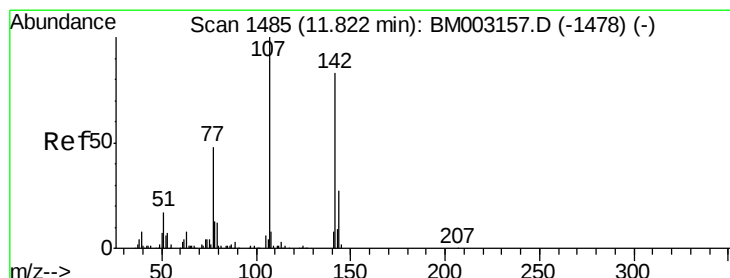
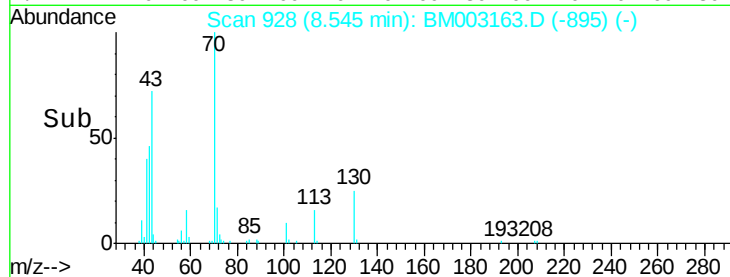
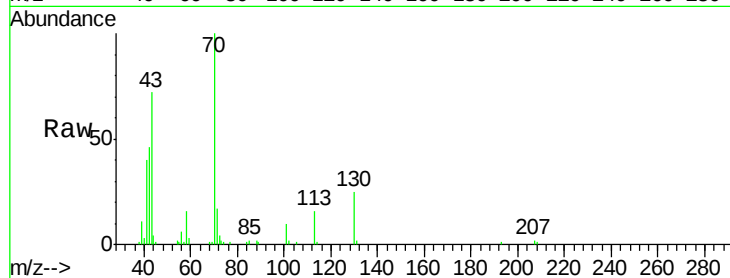
40000

20000

0

Time-->

8.50 8.55 8.60



#33

4-Chloro-3-methylphenol

Concen: 12.80 ng/ul

RT: 11.82 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BM003163.D

Acq: 17 Nov 2015 03:26

Tgt Ion: 107 Resp: 104659

Ion	Ratio	Lower	Upper
107	100		
144	26.2	22.8	34.2
142	80.4	69.5	104.3

107 100

144 26.2 22.8 34.2

142 80.4 69.5 104.3

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

11.82

Time-->

11.75 11.80 11.85 11.90

Abundance

80000

60000

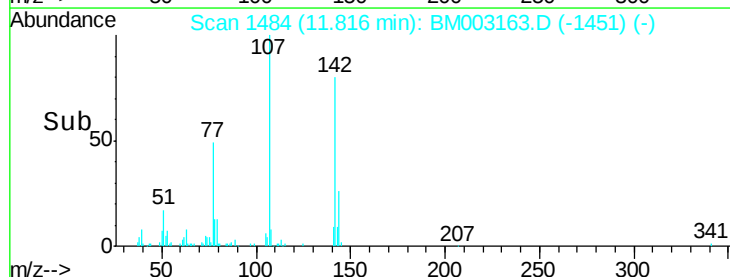
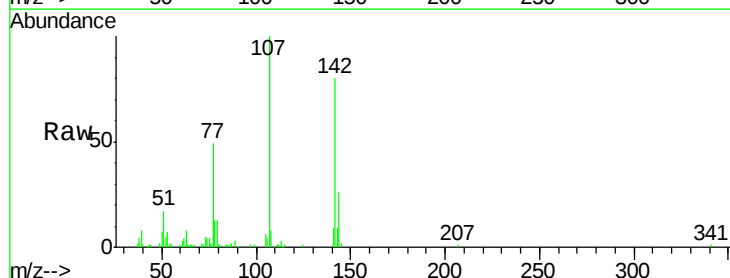
40000

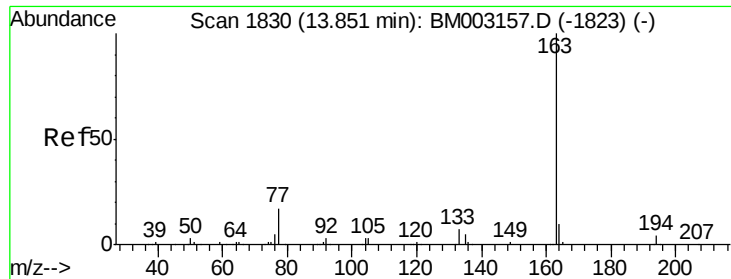
20000

0

Time-->

11.75 11.80 11.85 11.90





#45

Dimethylphthalate

Concen: 6.35 ng/ul

RT: 13.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BM003163.D

Acq: 17 Nov 2015 03:26

Instrument :

BNA_M

ClientSampleId :

A4J60MSD

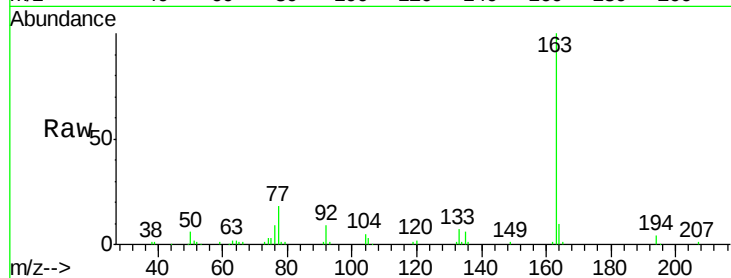
Tot Ion:163 Resp: 153304

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

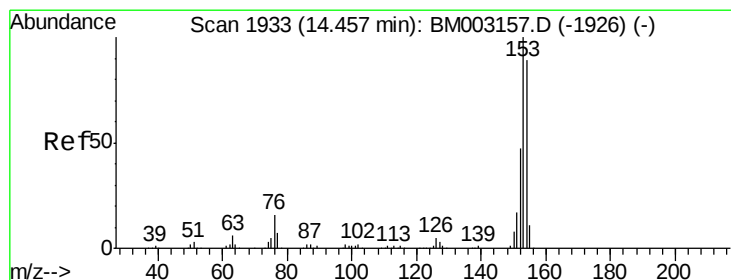
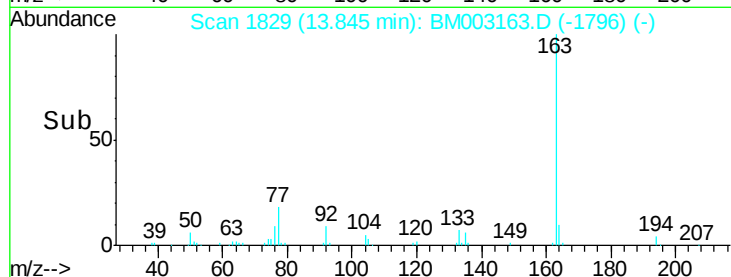
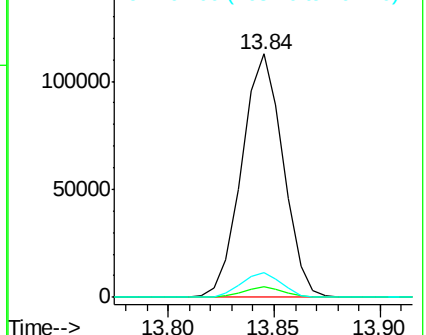
164 10.1 7.8 11.8



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



#50

Acenaphthene

Concen: 12.62 ng/ul

RT: 14.46 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BM003163.D

Acq: 17 Nov 2015 03:26

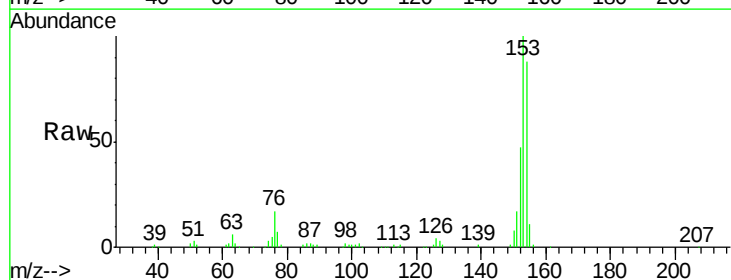
Tgt Ion:153 Resp: 272447

Ion Ratio Lower Upper

153 100

152 47.4 37.0 55.6

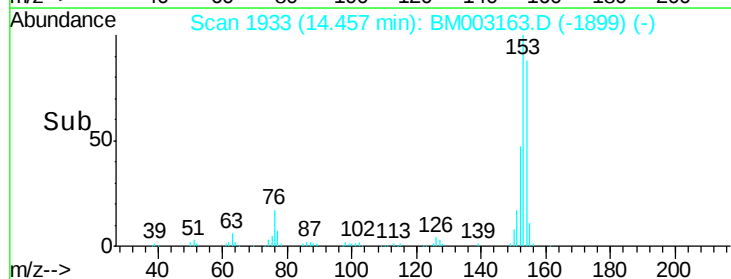
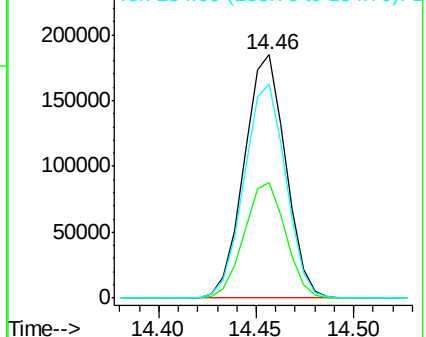
154 87.8 71.0 106.4

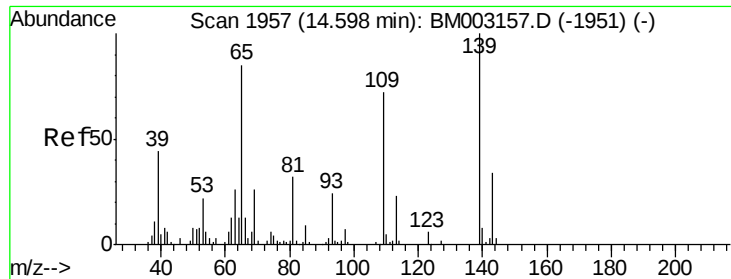


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 14.82 ng/ul

RT: 14.60 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM003163.D

Acq: 17 Nov 2015 03:26

Instrument :

BNA_M

ClientSampleId :

A4J60MSD

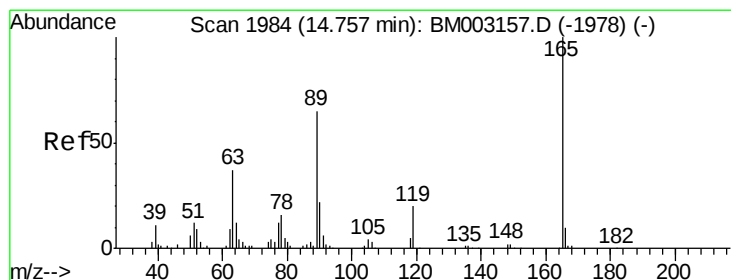
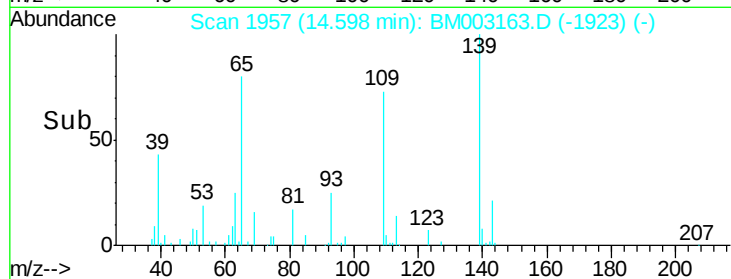
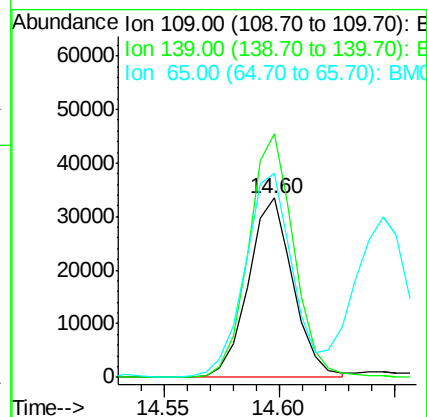
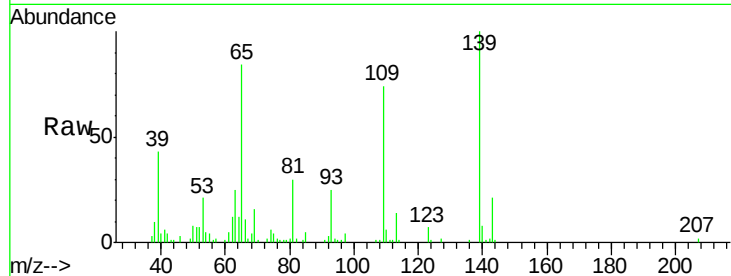
Tot Ion:109 Resp: 44975

Ion Ratio Lower Upper

109 100

139 135.6 150.3 225.5#

65 113.9 110.4 165.6



#55

2,4-Dinitrotoluene

Concen: 17.47 ng/ul

RT: 14.75 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BM003163.D

Acq: 17 Nov 2015 03:26

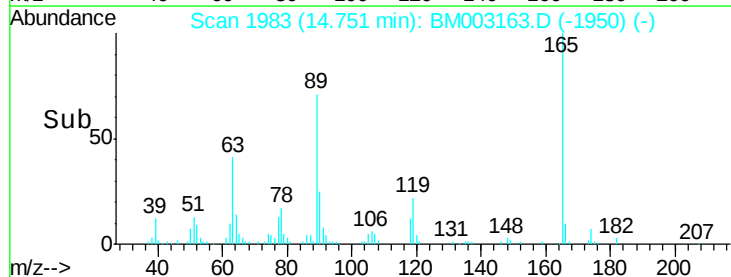
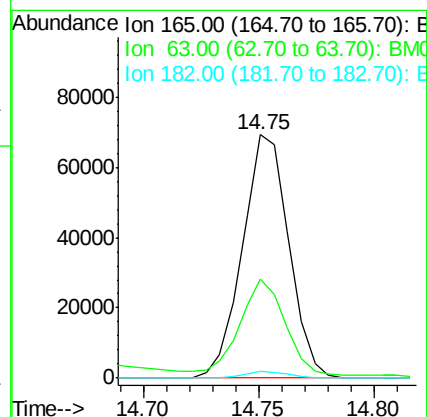
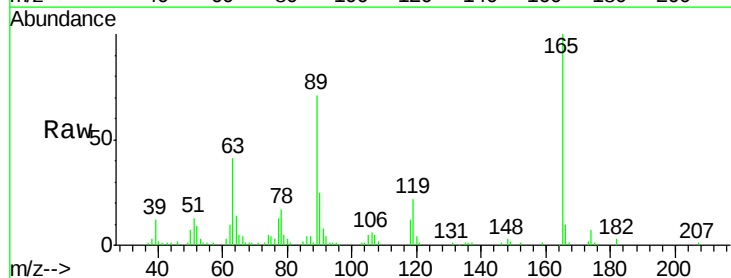
Tgt Ion:165 Resp: 96987

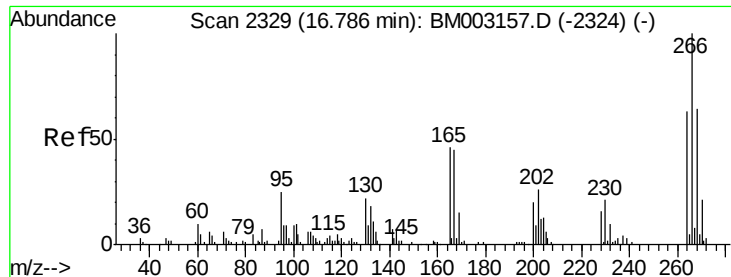
Ion Ratio Lower Upper

165 100

63 40.9 26.2 39.2#

182 2.6 2.2 3.4

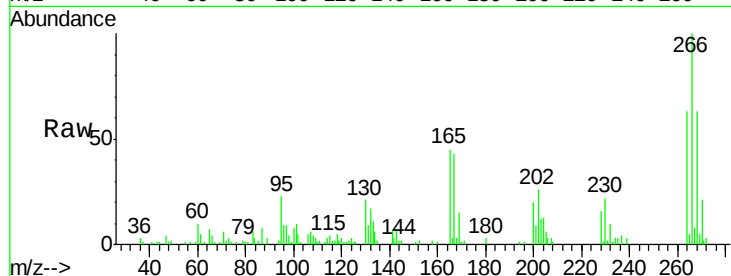




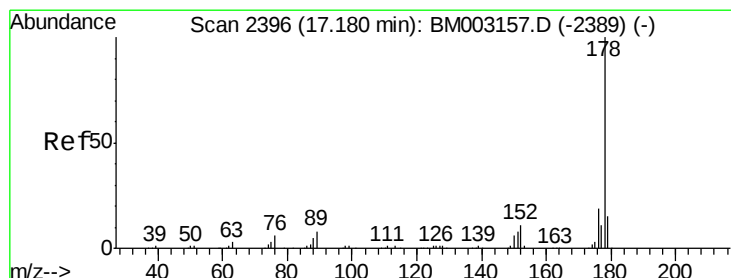
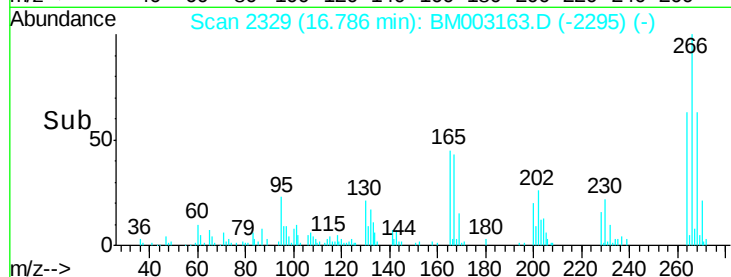
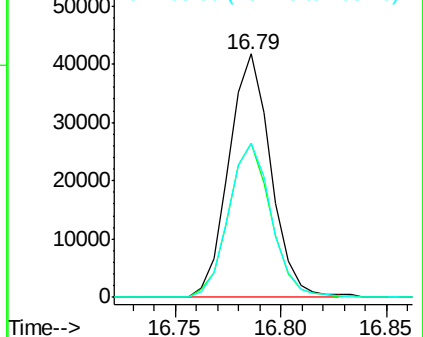
#69
 Pentachlorophenol
 Concen: 12.48 ng/ul
 RT: 16.79 min Scan# 2329
 Delta R.T. -0.00 min
 Lab File: BM003163.D
 Acq: 17 Nov 2015 03:26

Instrument :
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Tot Ion:266 Resp: 57468
 Ion Ratio Lower Upper
 266 100
 264 63.4 52.0 78.0
 268 63.2 49.7 74.5

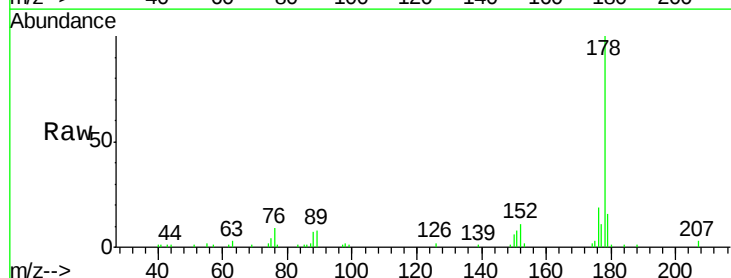


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

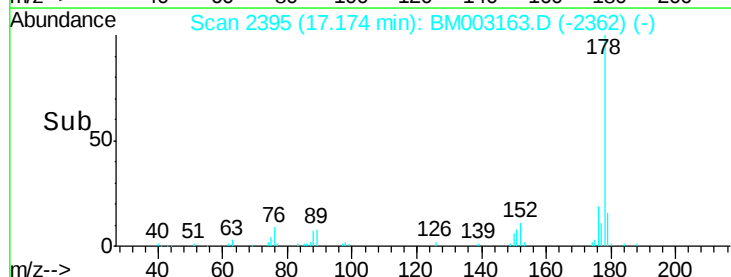
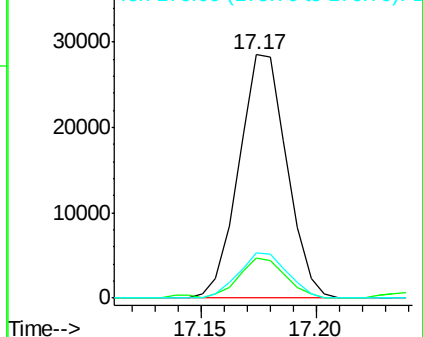


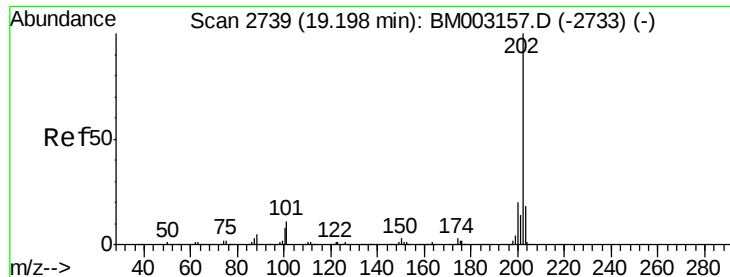
#70
 Phenanthrene
 Concen: 1.05 ng/ul
 RT: 17.17 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BM003163.D
 Acq: 17 Nov 2015 03:26

Tgt Ion:178 Resp: 41294
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.2 18.4
 176 18.6 14.7 22.1



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





#77

Fluoranthene

Concen: 2.28 ng/ul

RT: 19.20 min Scan# 2739

Delta R.T. -0.00 min

Lab File: BM003163.D

Acq: 17 Nov 2015 03:26

Instrument :

BNA_M

ClientSampleId :

A4J60MSD

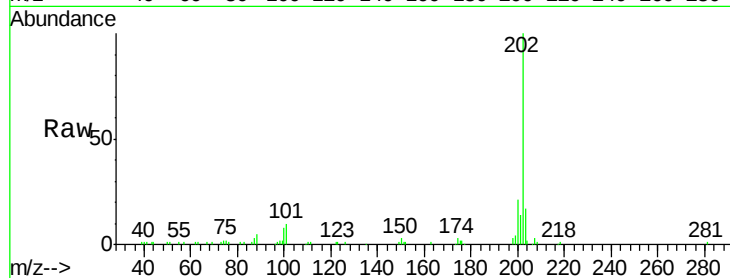
Tot Ion:202 Resp: 90727

Ion Ratio Lower Upper

202 100

101 10.2 10.4 15.6#

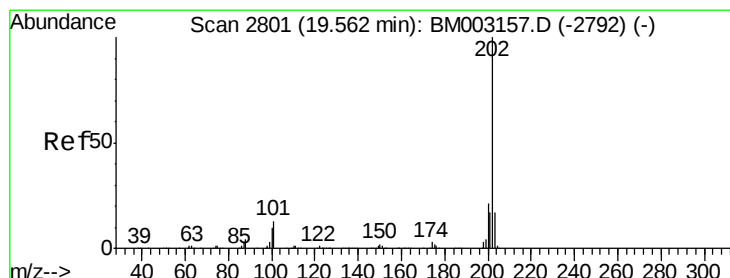
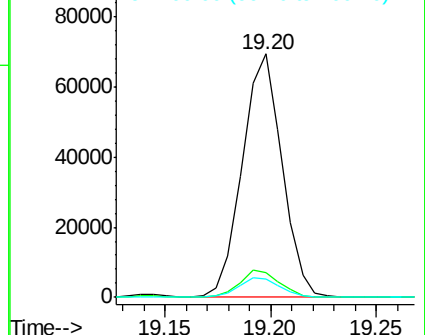
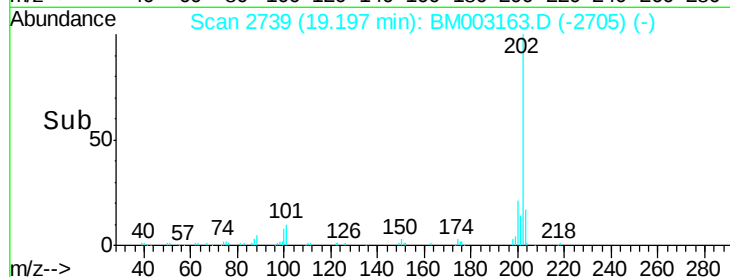
100 7.8 7.8 11.6



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

Pyrene

Concen: 12.10 ng/ul

RT: 19.56 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BM003163.D

Acq: 17 Nov 2015 03:26

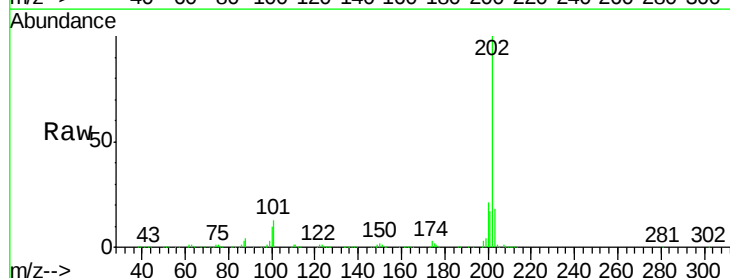
Tgt Ion:202 Resp: 597271

Ion Ratio Lower Upper

202 100

101 13.0 12.6 18.8

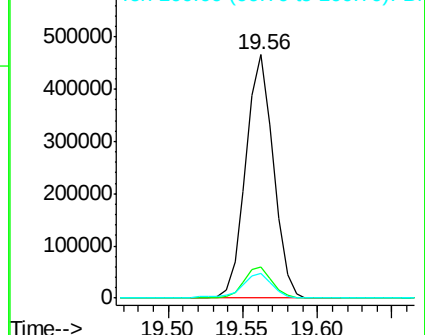
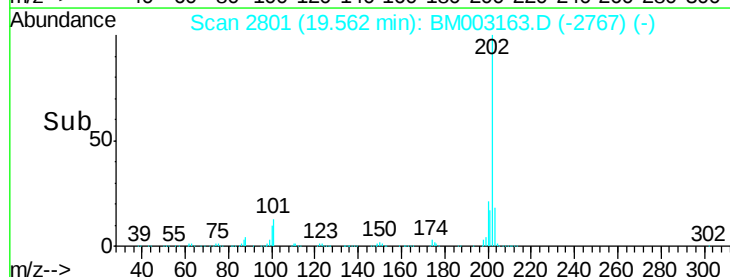
100 10.2 10.6 15.8#

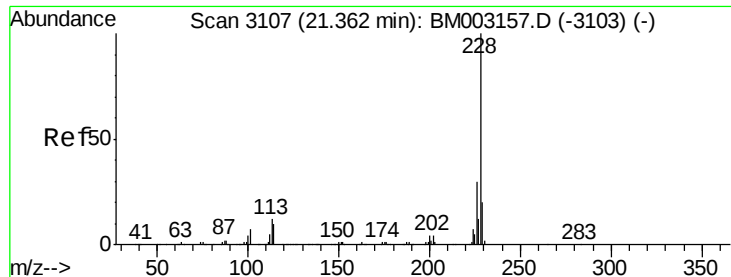


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#85

Chrysene

Concen: 1.14 ng/ul

RT: 21.36 min Scan# 3107

Delta R.T. -0.00 min

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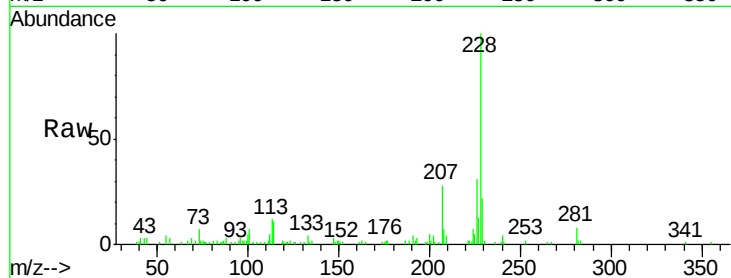
Tot Ion:228 Resp: 46658

Ion Ratio Lower Upper

228 100

226 31.4 23.3 34.9

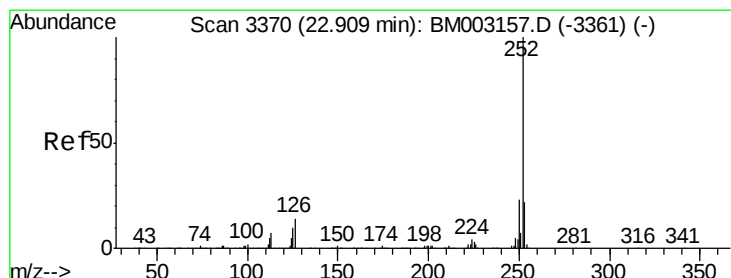
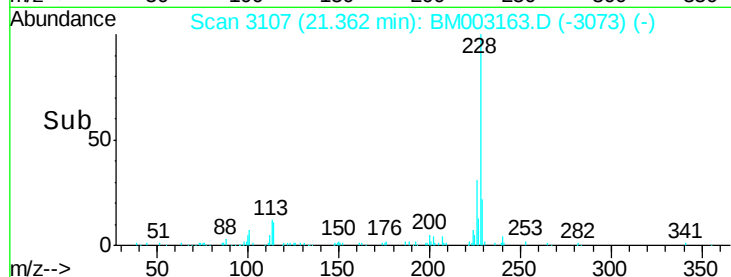
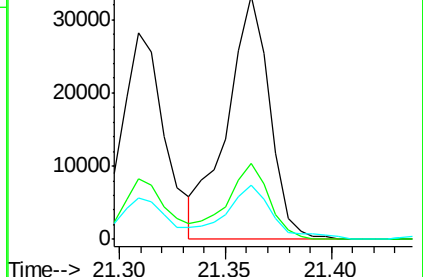
229 22.0 15.8 23.6



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



#88

Benzo(b)fluoranthene

Concen: 1.51 ng/ul

RT: 22.91 min Scan# 3370

Delta R.T. -0.00 min

Lab File: BM003163.D

Acq: 17 Nov 2015 03:26

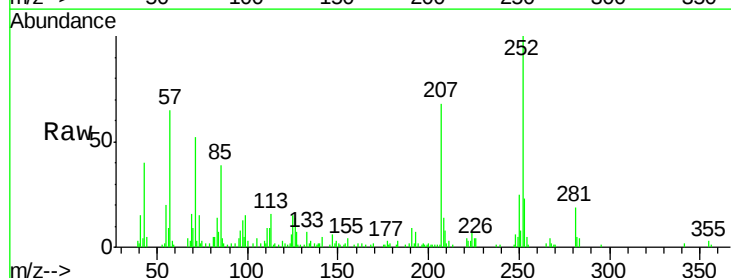
Tgt Ion:252 Resp: 66114

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 14.6 10.7 16.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

