

Data File : BM010653.D
Acq On : 22 Jun 2017 11:09
Operator : SJ/JU
Sample : I3756-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD1

Quant Time: Jun 23 01:04:25 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 01:03:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	49802	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	225491	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	159002	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	406244	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	488308	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	387512	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	1127	1.30	ng/uL	0.00
5) Phenol-d5	6.65	99	27691	5.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	68179	25.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	74777	22.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	56575	14.38	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	49392	30.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	58549	31.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	103563	26.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	574	0.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	440769	31.58	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	495858	30.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	15491	6.31	ng/ul	-0.01
57) Fluorene-d10	15.12	176	376595	31.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	77128	30.91	ng/ul	0.00
70) Anthracene-d10	16.97	188	634973	32.37	ng/ul	0.00
76) Pyrene-d10	19.27	212	756814	33.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	590915	31.55	ng/ul	0.00

Target Compounds				Qvalue		
21) Isophorone	9.32	82	9453	1.01	ng/ul#	75
33) 4-Chloro-3-methylphenol	11.52	107	7475	1.54	ng/ul	95
45) 2,6-Dinitrotoluene	13.54	165	3919	1.65	ng/ul#	30

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

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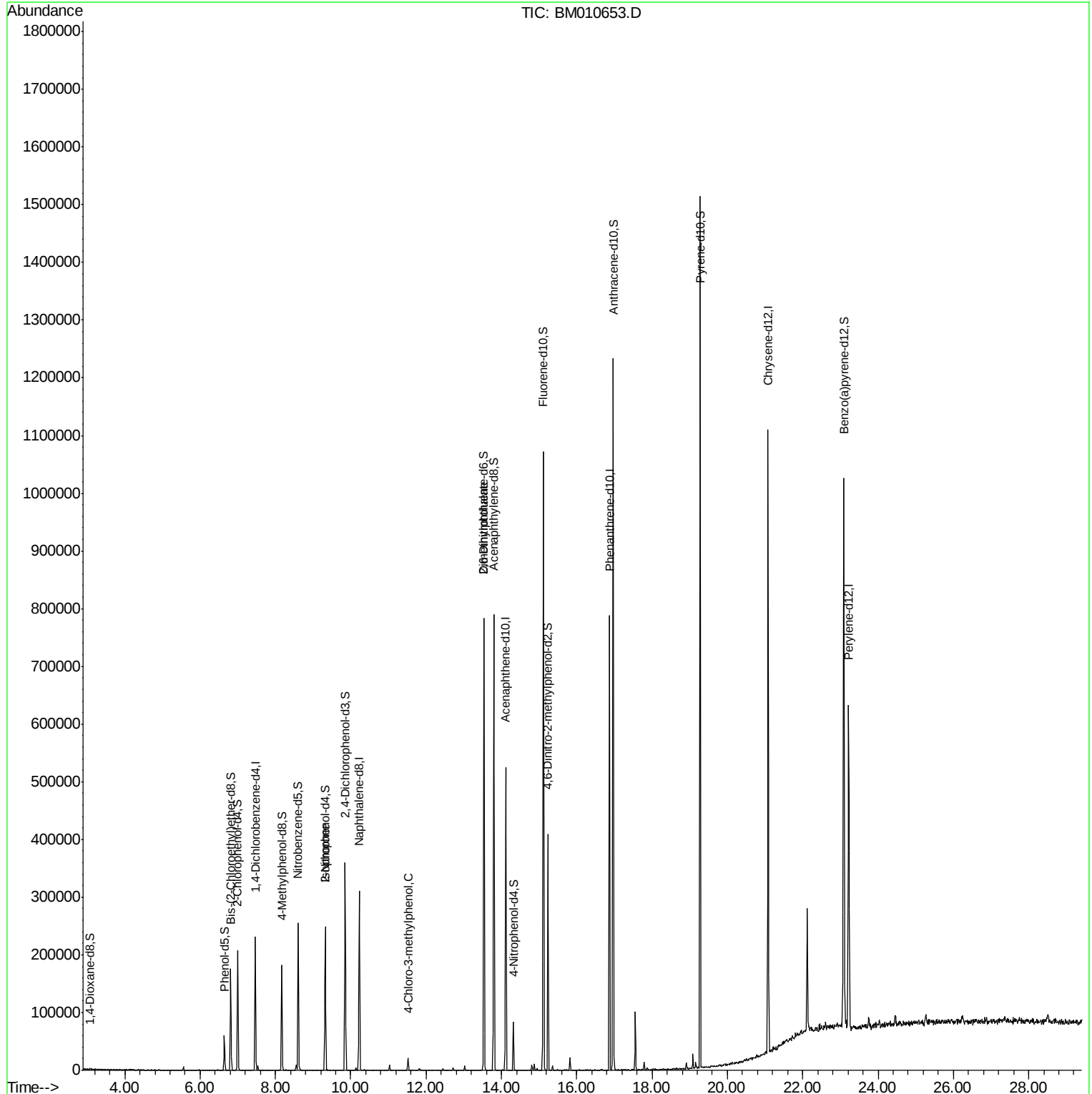
Quant Time: Jun 23 01:04:25 2017

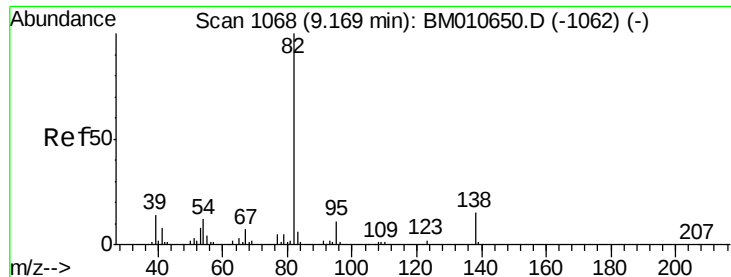
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

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#21

Isophorone

Concen: 1.01 ng/ul

RT: 9.32 min Scan# 1094

Delta R.T. 0.15 min

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ClientSampleId :

C0AD1

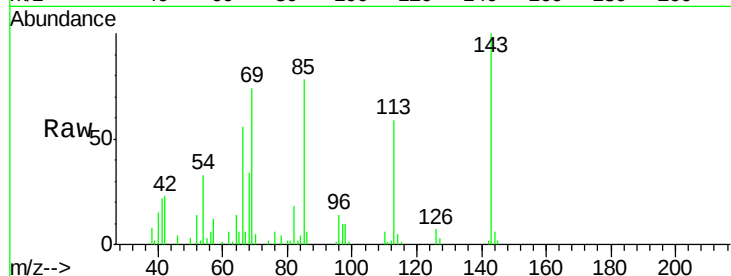
Tgt Ion: 82 Resp: 9453

Ion Ratio Lower Upper

82 100

95 6.5 7.8 11.8#

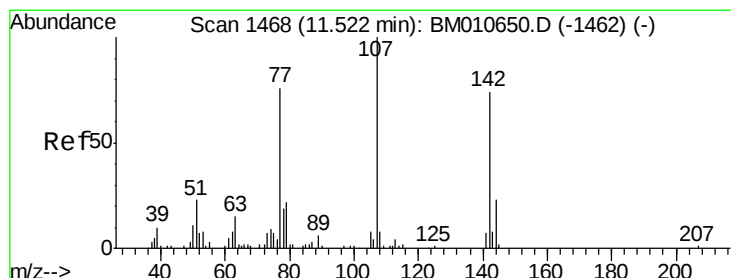
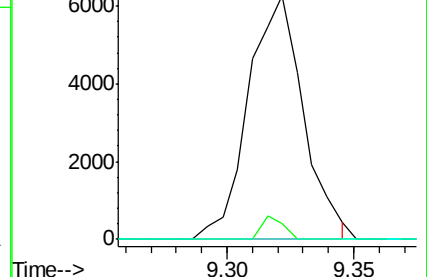
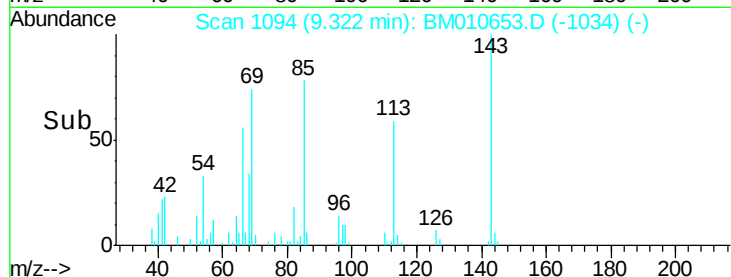
138 0.0 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM010653.D (-1034) (-)

Ion 95.00 (94.70 to 95.70): BM010653.D (-1034) (-)

Ion 138.00 (137.70 to 138.70): BM010653.D (-1034) (-)



#33

4-Chloro-3-methylphenol

Concen: 1.54 ng/ul

RT: 11.52 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BM010653.D

Acq: 22 Jun 2017 11:09

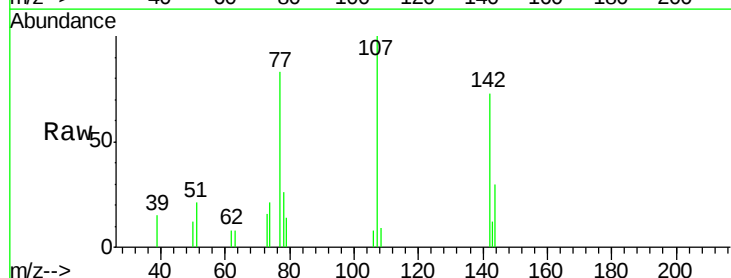
Tgt Ion: 107 Resp: 7475

Ion Ratio Lower Upper

107 100

144 30.5 20.4 30.6

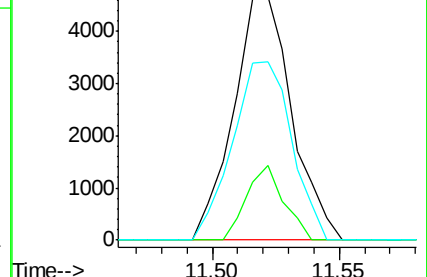
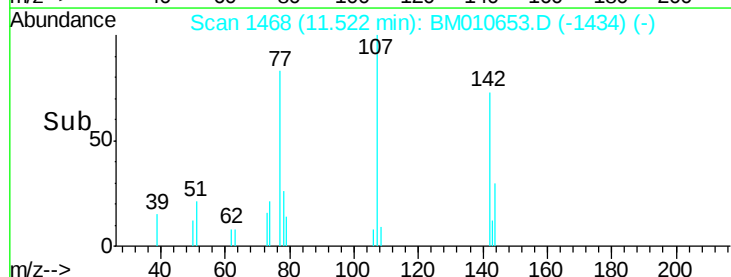
142 73.3 60.5 90.7

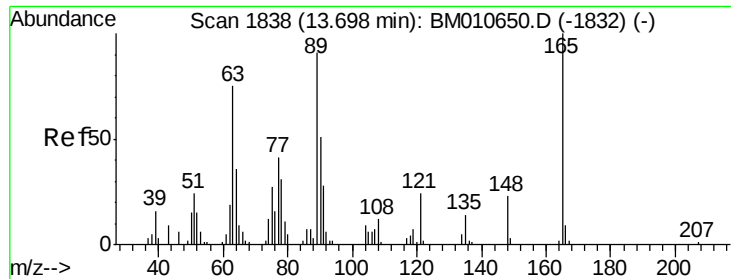


Abundance Ion 107.00 (106.70 to 107.70): BM010653.D (-1434) (-)

Ion 144.00 (143.70 to 144.70): BM010653.D (-1434) (-)

Ion 142.00 (141.70 to 142.70): BM010653.D (-1434) (-)





#45

2,6-Dinitrotoluene

Concen: 1.65 ng/ul

RT: 13.54 min Scan# 1811

Delta R.T. -0.16 min

Lab File: BM010653.D

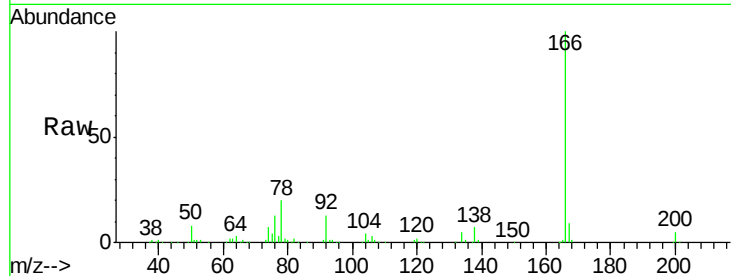
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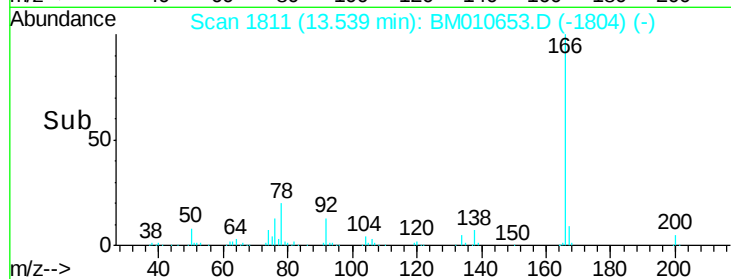
Tgt Ion:165 Resp: 3919

Ion Ratio Lower Upper

165 100

89 0.0 52.6 79.0#

121 29.8 14.6 22.0#



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

