

Data File : BM010655.D
Acq On : 22 Jun 2017 12:21
Operator : SJ/JU
Sample : I3767-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDC63

Quant Time: Jun 23 01:04:43 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	54294	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	239497	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	168418	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	431373	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	525581	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	436202	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	1727	1.82	ng/uL	0.00
5) Phenol-d5	6.65	99	38763	7.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	82770	28.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	93716	25.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	74732	17.43	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	58447	34.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	71069	36.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	129109	31.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	6284	1.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	514439	34.80	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	585057	34.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	19765	7.60	ng/ul	-0.01
57) Fluorene-d10	15.12	176	439940	34.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	89044	33.61	ng/ul	0.00
70) Anthracene-d10	16.87	188	431373	20.71	ng/ul	-0.10
76) Pyrene-d10	19.27	212	864129	35.39	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	726328	34.45	ng/ul	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	44070	41.63	ng/uL#	43
21) Isophorone	9.32	82	12156	1.23	ng/ul#	75
45) 2,6-Dinitrotoluene	13.54	165	4338	1.73	ng/ul#	21

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

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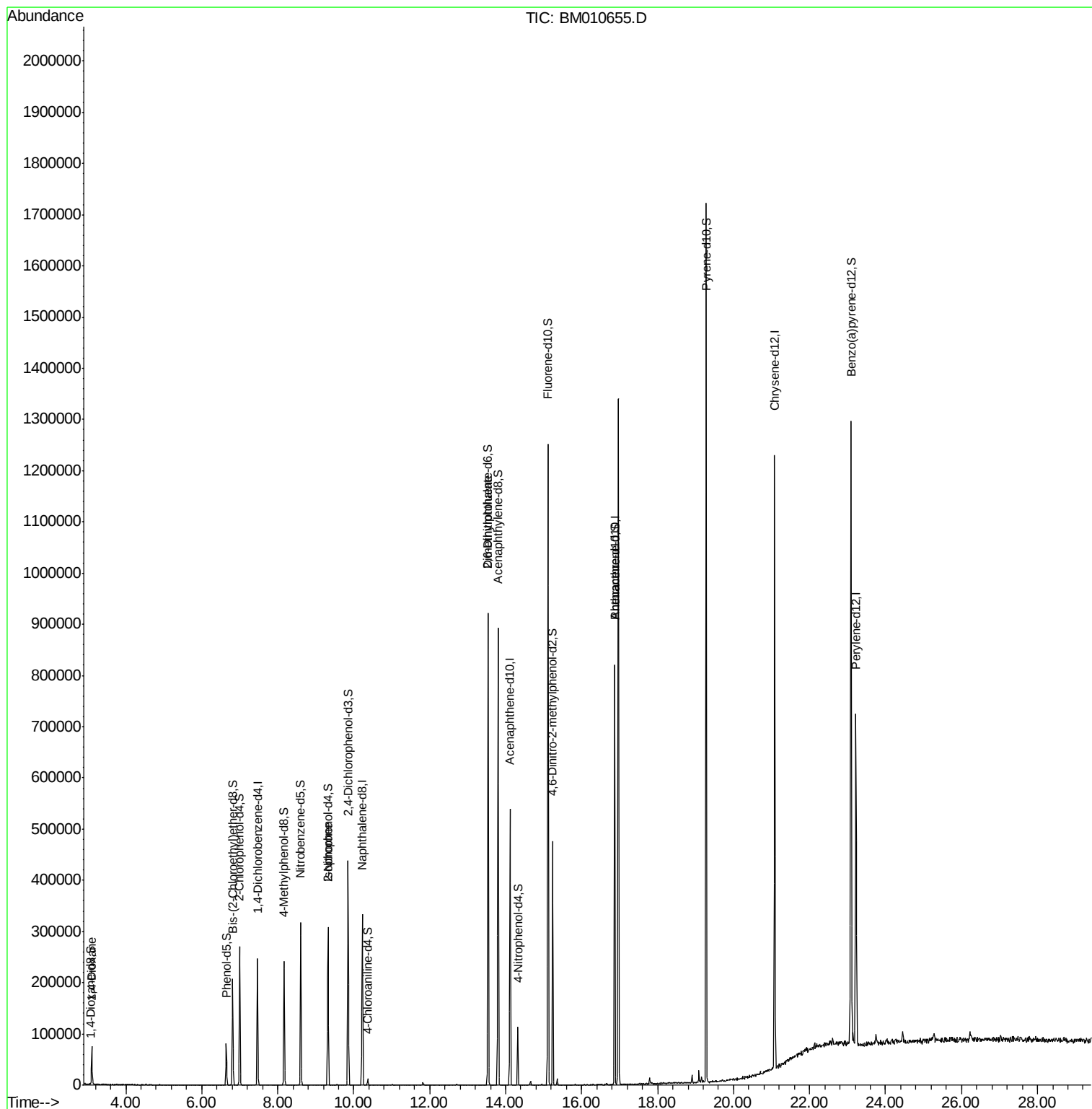
Quant Time: Jun 23 01:04:43 2017

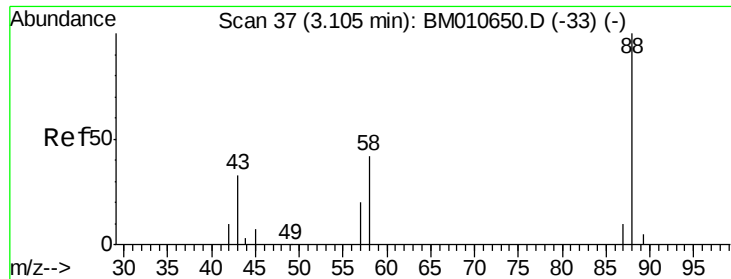
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

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#2

1,4-Dioxane

Concen: 41.63 ng/uL

RT: 3.10 min Scan# 37

Delta R.T. -0.00 min

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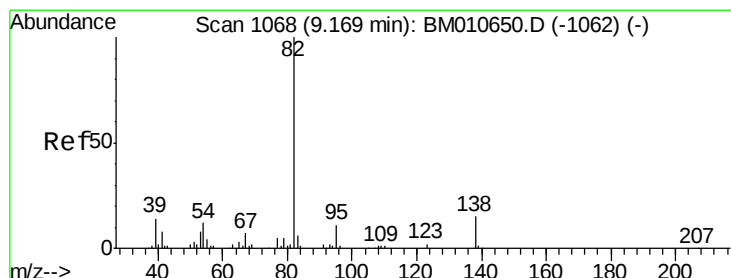
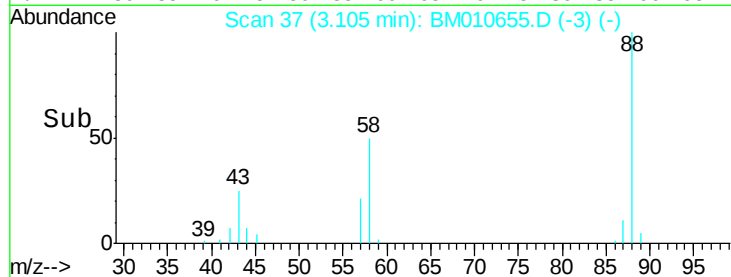
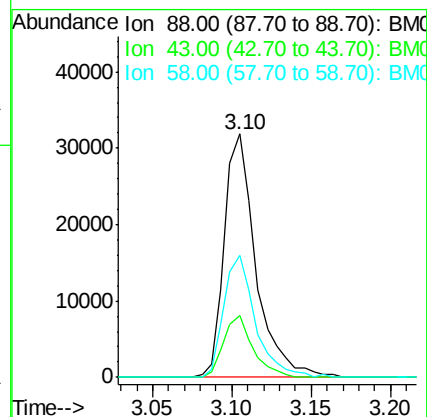
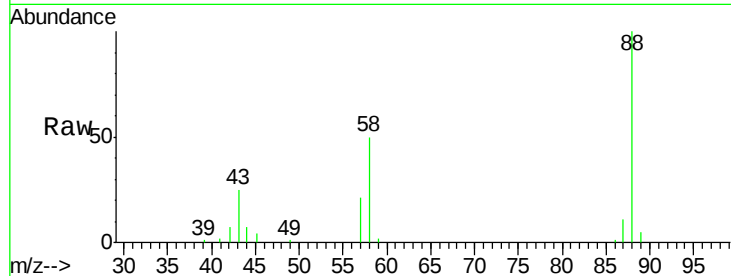
Tgt Ion: 88 Resp: 44070

Ion Ratio Lower Upper

88 100

43 23.6 1.1 1.7#

58 49.5 0.0 0.0#



#21

Isophorone

Concen: 1.23 ng/uL

RT: 9.32 min Scan# 1094

Delta R.T. 0.15 min

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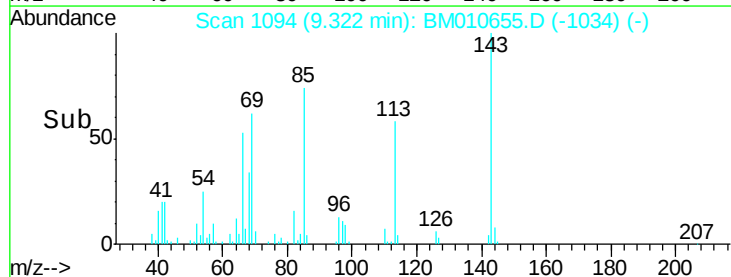
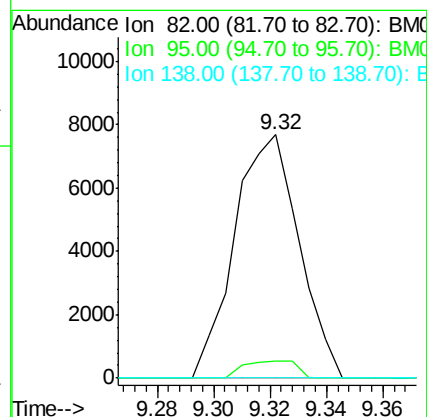
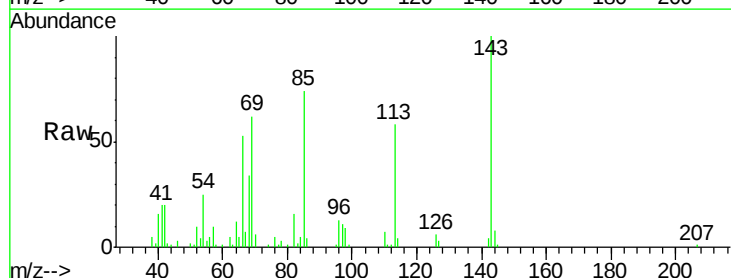
Tgt Ion: 82 Resp: 12156

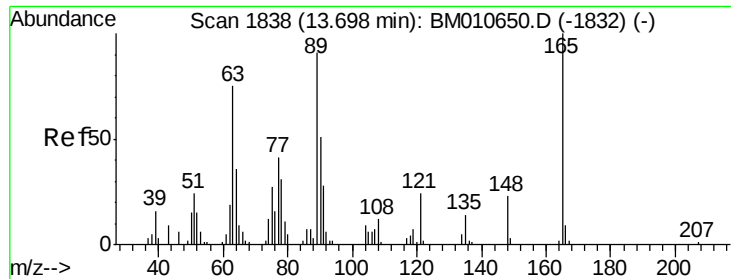
Ion Ratio Lower Upper

82 100

95 7.0 7.8 11.8#

138 0.0 11.9 17.9#





#45

2,6-Dinitrotoluene

Concen: 1.73 ng/ul

RT: 13.54 min Scan# 1811

Delta R.T. -0.16 min

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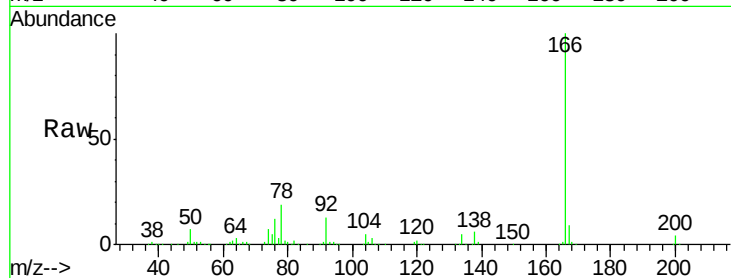
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Tgt Ion:	165	Resp:	4338
Ion	Ratio	Lower	Upper
165	100		
89	0.0	52.6	79.0#
121	46.5	14.6	22.0#

