

Data File : BM010609.D
Acq On : 21 Jun 2017 02:42
Operator : SJ/MA
Sample : I3790-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B71

Quant Time: Jun 21 03:44:18 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 21 01:33:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	64888	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	293002	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	202833	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	527769	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	655162	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	591984	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	7135	6.30	ng/uL	0.00
5) Phenol-d5	6.65	99	34108	5.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	93432	26.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	99699	22.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	67765	13.22	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	64137	30.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	76687	31.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	137980	27.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	8879	1.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	591640	33.23	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	665391	32.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	17035	5.44	ng/ul	0.00
57) Fluorene-d10	15.12	176	498195	32.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	97679	30.13	ng/ul	0.00
70) Anthracene-d10	16.87	188	527769	20.71	ng/ul	-0.10
76) Pyrene-d10	19.28	212	1002728	32.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	932078	32.58	ng/ul	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	3969	3.14	ng/uL#	58
45) 2,6-Dinitrotoluene	13.54	165	4192	1.39	ng/ul#	33

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

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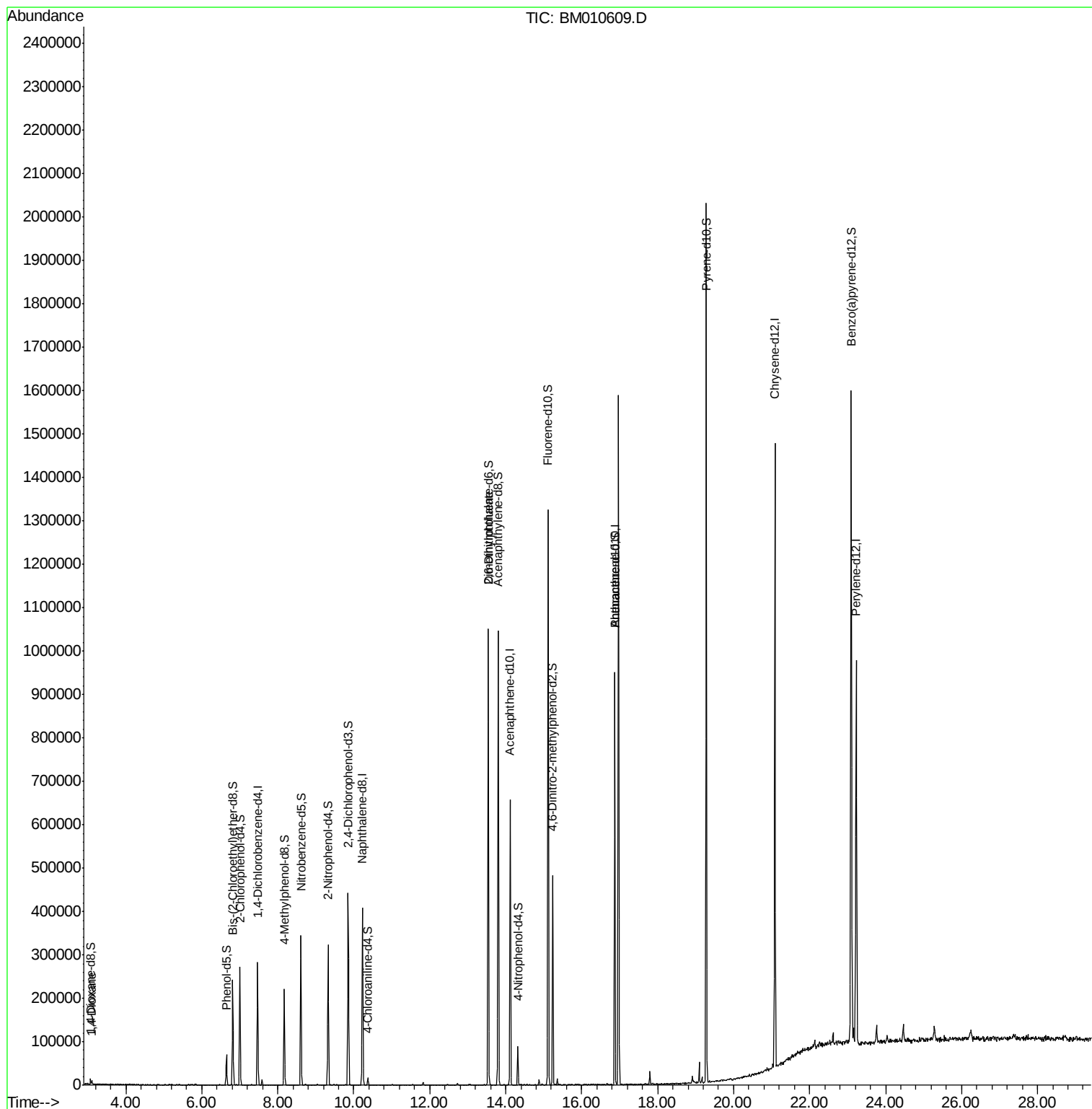
Quant Time: Jun 21 03:44:18 2017

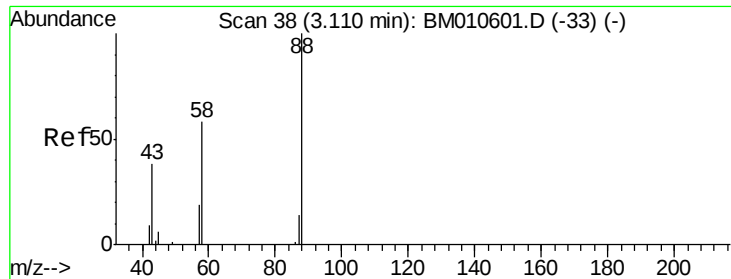
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

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#2

1,4-Dioxane

Concen: 3.14 ng/uL

RT: 3.10 min Scan# 37

Delta R.T. -0.01 min

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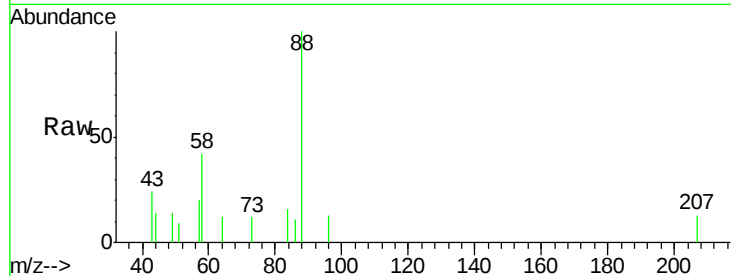
Tgt Ion: 88 Resp: 3969

Ion Ratio Lower Upper

88 100

43 17.8 1.1 1.7#

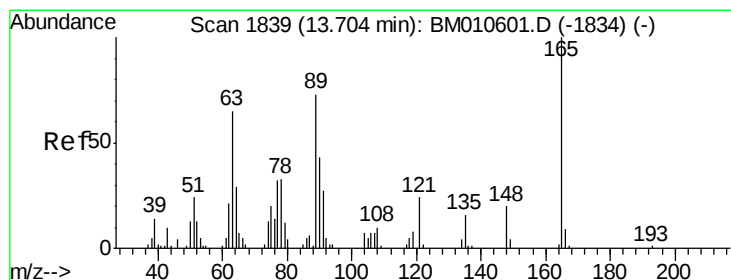
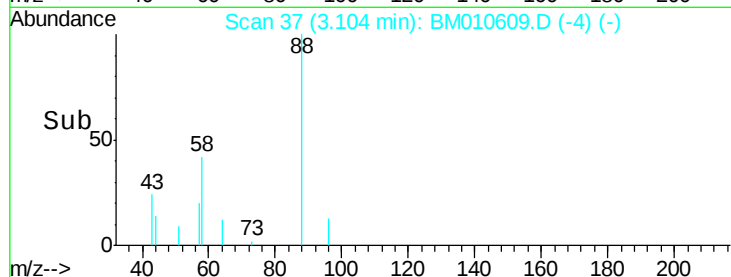
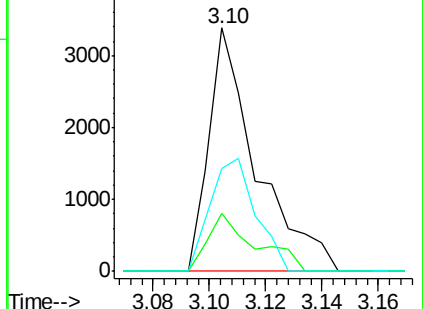
58 44.3 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM010609.D (-33) (-)

Ion 43.00 (42.70 to 43.70): BM010609.D (-33) (-)

Ion 58.00 (57.70 to 58.70): BM010609.D (-33) (-)



#45

2,6-Dinitrotoluene

Concen: 1.39 ng/uL

RT: 13.54 min Scan# 1812

Delta R.T. -0.16 min

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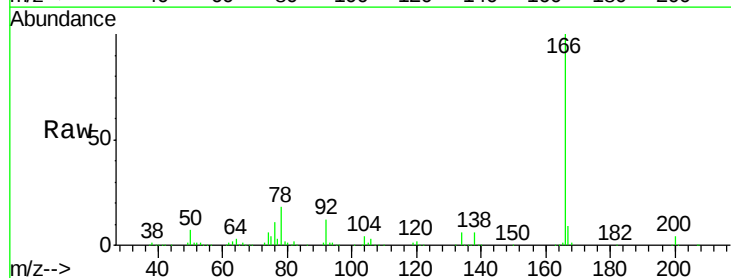
Tgt Ion: 165 Resp: 4192

Ion Ratio Lower Upper

165 100

89 0.0 52.6 79.0#

121 22.7 14.6 22.0#



Abundance Ion 165.00 (164.70 to 165.70): BM010609.D (-1805) (-)

Ion 89.00 (88.70 to 89.70): BM010609.D (-1805) (-)

Ion 121.00 (120.70 to 121.70): BM010609.D (-1805) (-)

