

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010116\
 Data File : BM003891.D
 Acq On : 30 Dec 2015 21:53
 Operator : SJ/UM
 Sample : G4868-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E43N1

Quant Time: Dec 30 23:30:02 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 22:56:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	50127	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	224239	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	120846	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	242774	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	226352	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	216615	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	1367	1.22	ng/uL	0.00
5) Phenol-d5	6.85	99	31077	7.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	69594	29.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	85108	24.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	60945	18.07	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	49167	29.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	54836	29.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	100285	30.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	8513	1.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	355443	37.46	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	405136	35.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	11535	6.77	ng/ul	0.00
58) Fluorene-d10	15.32	176	292127	36.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	47580	34.75	ng/ul	0.00
71) Anthracene-d10	17.17	188	439237	39.12	ng/ul	0.00
79) Pyrene-d10	19.48	212	453593	38.69	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	438233	40.51	ng/ul	0.00

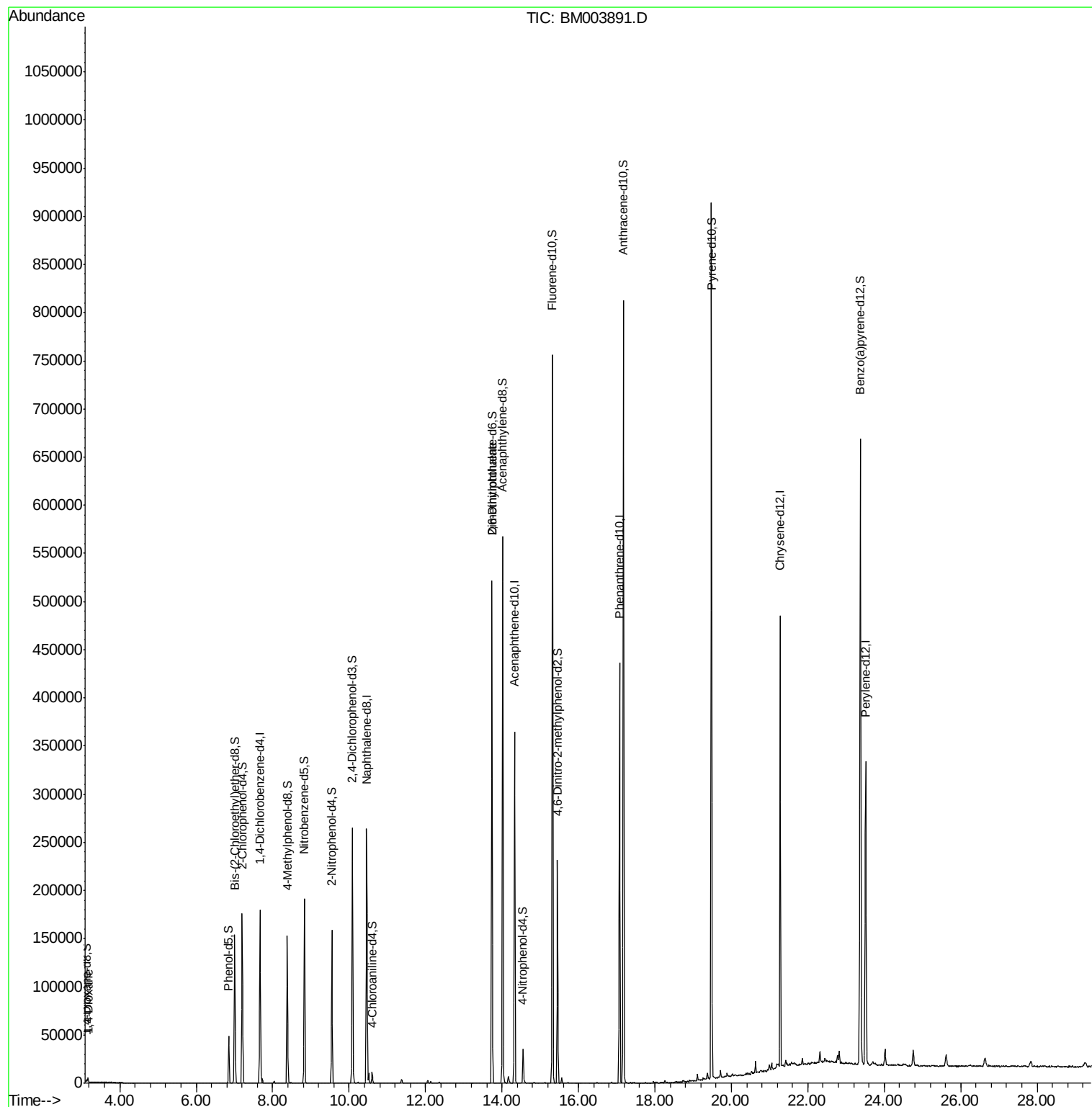
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	2013	1.55	ng/uL	94
46) 2,6-Dinitrotoluene	13.74	165	2082	1.09	ng/ul#	35

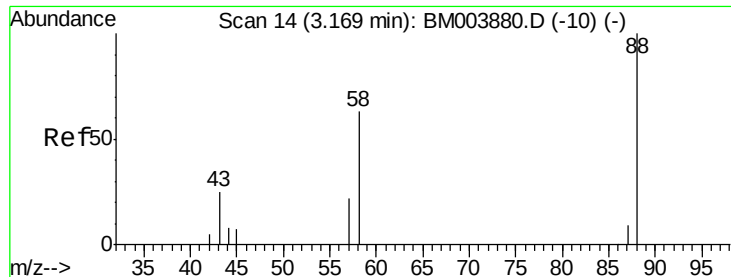
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 1.55 ng/uL

RT: 3.17 min Scan# 14

Delta R.T. -0.00 min

Lab File: BM003891.D

Acq: 30 Dec 2015 21:53

Instrument :

BNA_M

ClientSampleId :

E43N1

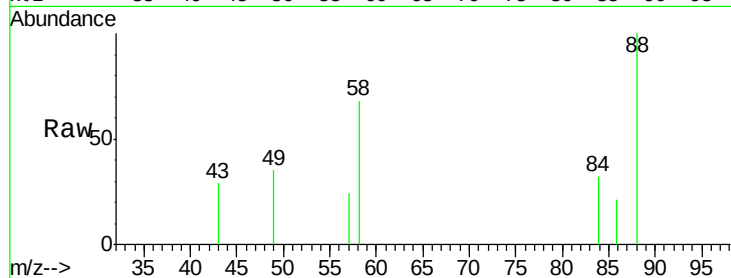
Tgt Ion: 88 Resp: 2013

Ion Ratio Lower Upper

88 100

43 22.4 21.0 31.6

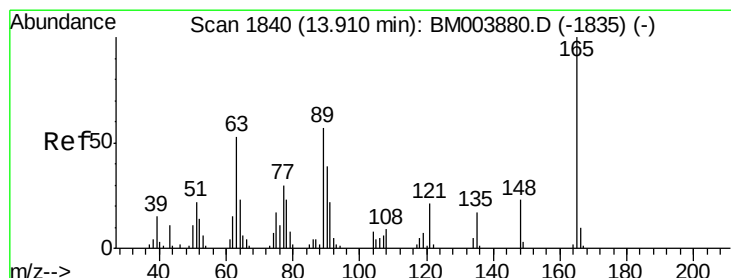
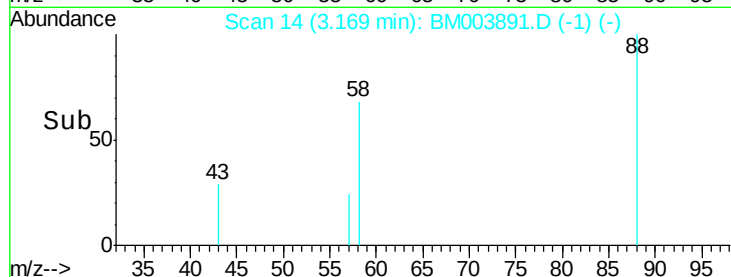
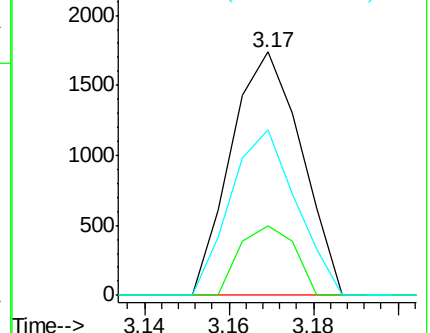
58 63.8 47.8 71.8



Abundance Ion 88.00 (87.70 to 88.70): BM003880.D (-10) (-)

Ion 43.00 (42.70 to 43.70): BM003880.D (-10) (-)

Ion 58.00 (57.70 to 58.70): BM003880.D (-10) (-)



#46

2,6-Dinitrotoluene

Concen: 1.09 ng/uL

RT: 13.74 min Scan# 1811

Delta R.T. -0.17 min

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Acq: 30 Dec 2015 21:53

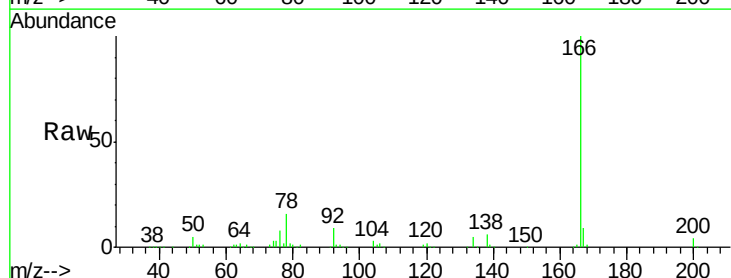
Tgt Ion: 165 Resp: 2082

Ion Ratio Lower Upper

165 100

89 0.0 42.4 63.6#

121 39.2 16.6 24.8#



Abundance Ion 165.00 (164.70 to 165.70): BM003880.D (-1835) (-)

Ion 89.00 (88.70 to 89.70): BM003880.D (-1835) (-)

Ion 121.00 (120.70 to 121.70): BM003880.D (-1835) (-)

