

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
 Data File : BM014262.D
 Acq On : 16 Feb 2018 10:53
 Operator : SJ/JU
 Sample : J1553-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 16 12:31:28 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 15 01:12:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	64101	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	295928	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	198803	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	485077	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	514518	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	455255	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	8934	5.97	ng/uL	0.00
5) Phenol-d5	6.74	99	32566	6.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	109447	33.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	102481	24.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	65635	13.85	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	68727	31.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	78697	34.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	1172	0.25	ng/ul	0.10
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.61	166	549933	33.50	ng/ul	0.00
46) Acenaphthylene-d8	13.88	160	654288	32.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	2002	0.88	ng/ul	0.06
57) Fluorene-d10	15.19	176	494072	33.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	69147	23.76	ng/ul	0.00
70) Anthracene-d10	17.04	188	798343	34.11	ng/ul	0.00
76) Pyrene-d10	19.36	212	928546	34.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	750599	33.88	ng/ul	0.00

Target Compounds

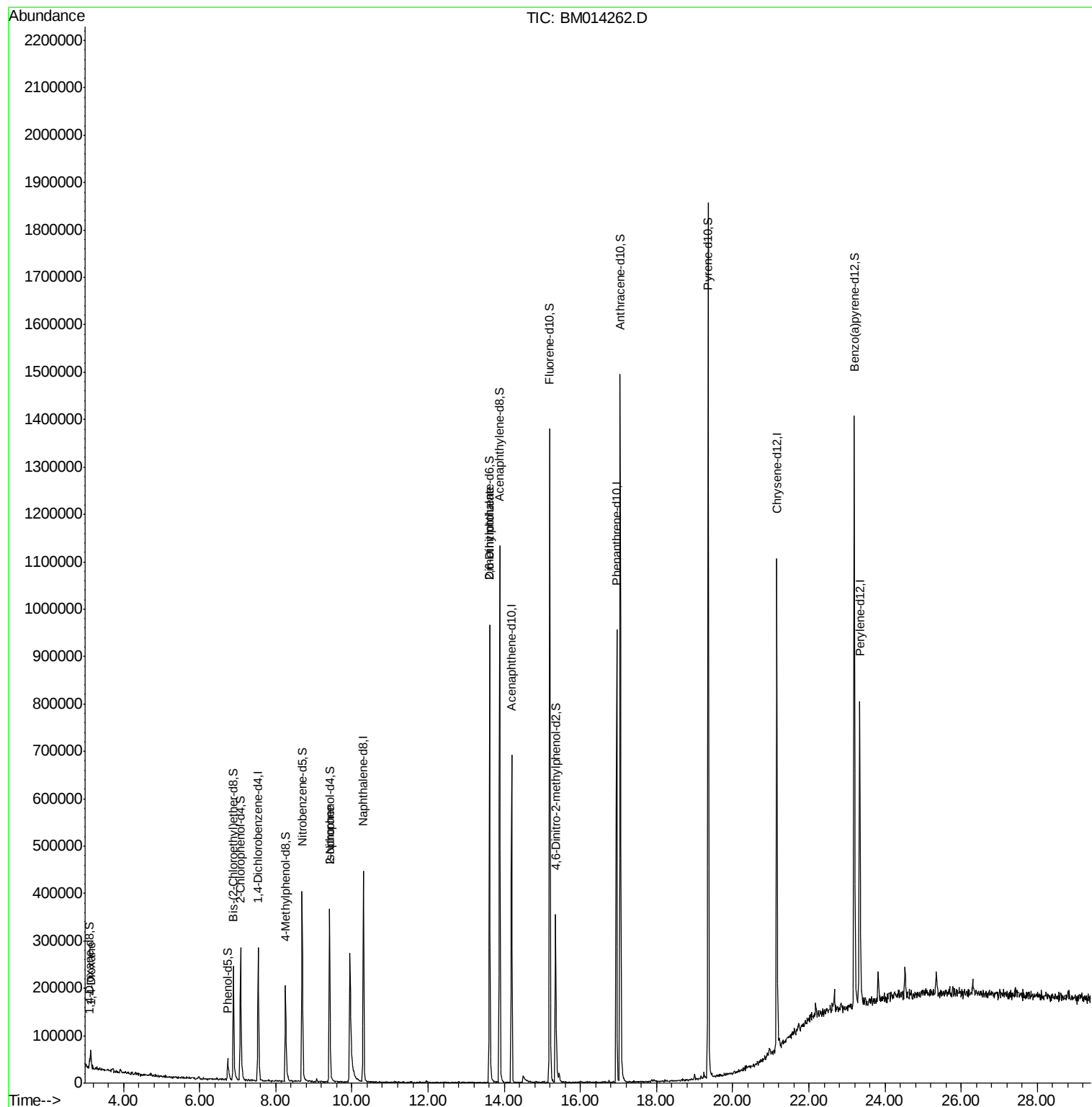
				Ovalue	
2) 1,4-Dioxane	3.14	88	19167	11.520	ng/uL# 62
21) Isophorone	9.41	82	12029	1.087	ng/ul# 68
45) 2,6-Dinitrotoluene	13.61	165	3444	1.120	ng/ul# 35

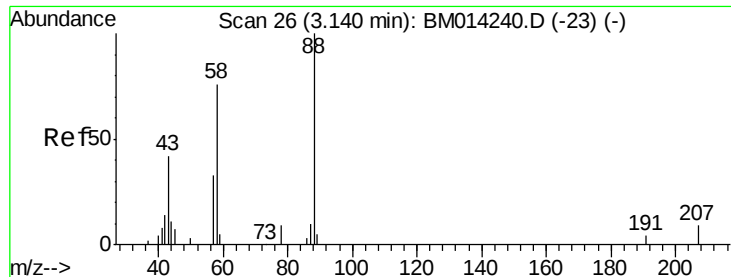
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 11.520 ng/uL

RT: 3.14 min Scan# 26

Delta R.T. -0.00 min

Lab File: BM014262.D

Acq: 16 Feb 2018 10:53

Instrument :

BNA_M

ClientSampleId :

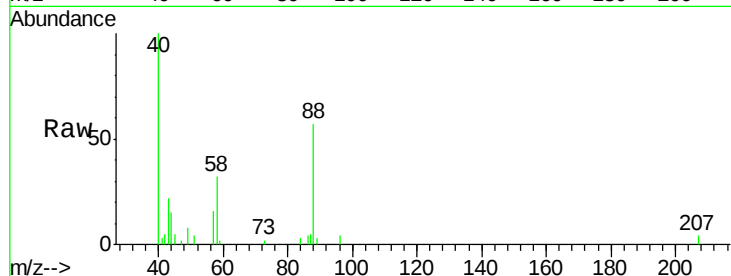
Tot Ion: 88 Resp: 19167

Ion Ratio Lower Upper

88 100

43 32.8 48.0 72.0#

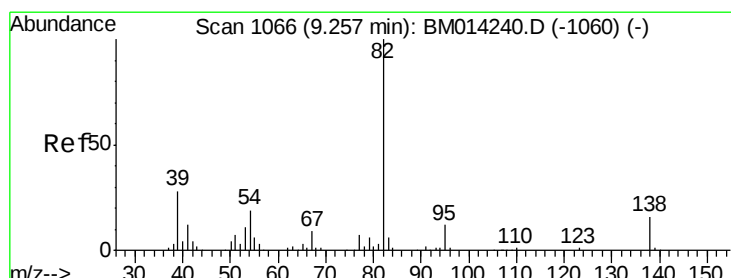
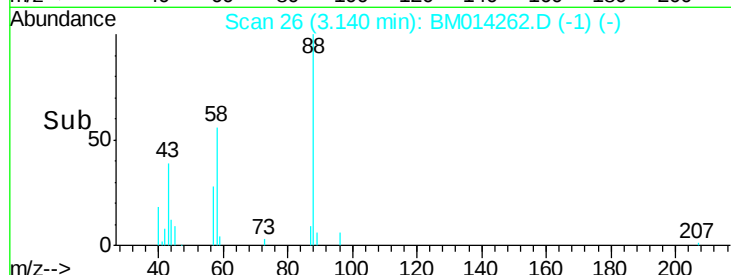
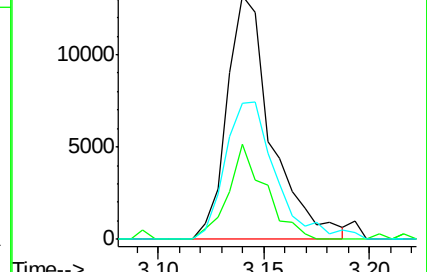
58 60.7 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM014262.D (-1032) (-)

Ion 43.00 (42.70 to 43.70): BM014262.D (-1032) (-)

Ion 58.00 (57.70 to 58.70): BM014262.D (-1032) (-)



#21

Isophorone

Concen: 1.087 ng/uL

RT: 9.41 min Scan# 1092

Delta R.T. 0.15 min

Lab File: BM014262.D

Acq: 16 Feb 2018 10:53

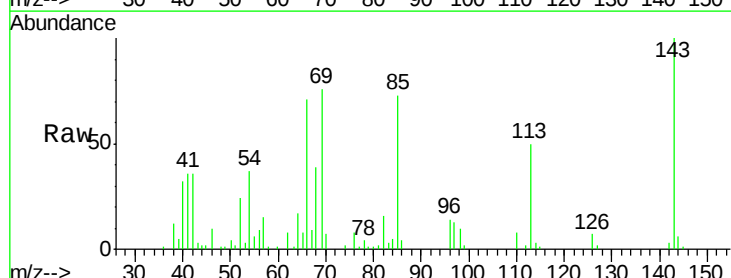
Tgt Ion: 82 Resp: 12029

Ion Ratio Lower Upper

82 100

95 0.0 7.8 11.8#

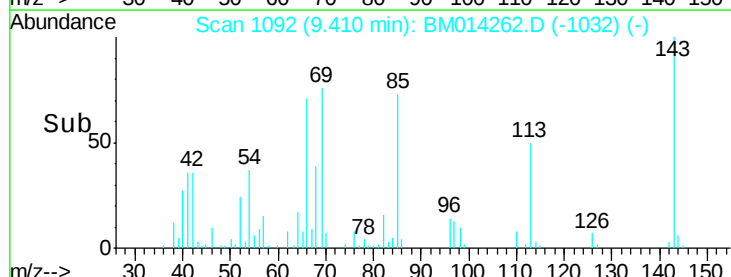
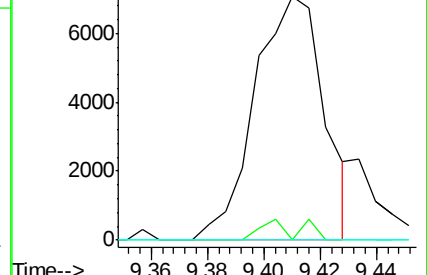
138 0.0 11.9 17.9#

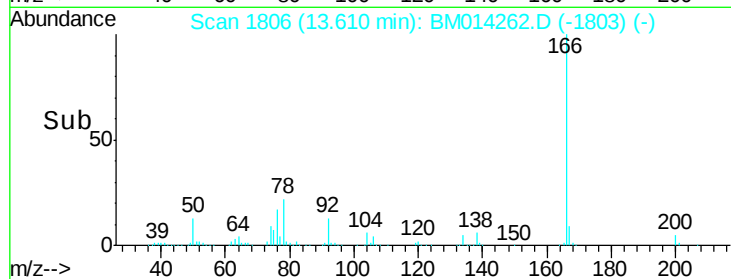
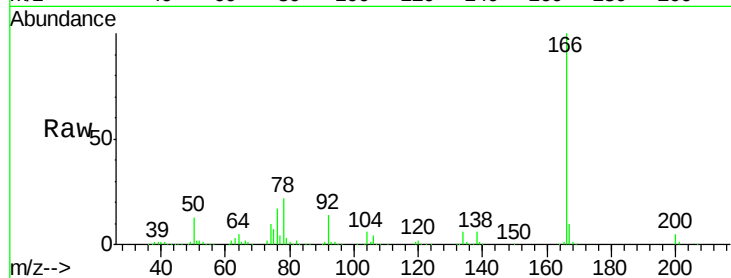
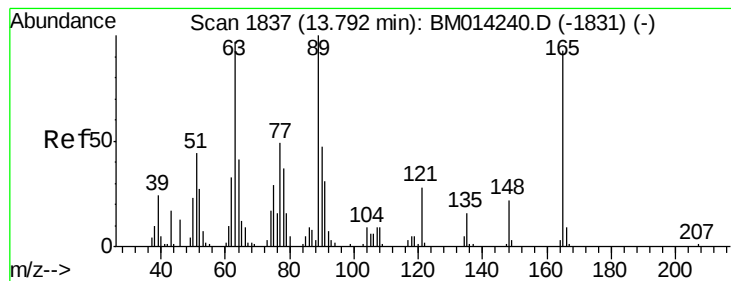


Abundance Ion 82.00 (81.70 to 82.70): BM014262.D (-1032) (-)

Ion 95.00 (94.70 to 95.70): BM014262.D (-1032) (-)

Ion 138.00 (137.70 to 138.70): BM014262.D (-1032) (-)





#45

2,6-Dinitrotoluene

Concen: 1.120 ng/ul

RT: 13.61 min Scan# 1806

Delta R.T. -0.18 min

Lab File: BM014262.D

Acq: 16 Feb 2018 10:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:165 Resp: 3444

Ion Ratio Lower Upper

165 100

89 0.0 52.6 79.0#

121 19.1 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

