

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021618\
 Data File : BM014281.D
 Acq On : 16 Feb 2018 22:19
 Operator : SJ/JU
 Sample : J1569-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 17 00:51:54 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Feb 17 00:49:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	70180	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	318146	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	207837	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	516857	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	533980	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	487845	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	11728	7.15	ng/uL	0.00
5) Phenol-d5	6.73	99	42516	7.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	143702	40.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	135654	29.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.31	113	3761	0.72	ng/ul	0.06
19) Nitrobenzene-d5	8.69	128	92223	39.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	100333	41.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	154019	30.56	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.61	166	709238	41.32	ng/ul	0.00
46) Acenaphthylene-d8	13.88	160	877191	41.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	5395	2.28	ng/ul	0.05
57) Fluorene-d10	15.19	176	633898	41.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	96390	31.09	ng/ul	0.00
70) Anthracene-d10	17.04	188	1037579	41.61	ng/ul	0.00
76) Pyrene-d10	19.35	212	1192074	43.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	950828	40.05	ng/ul	0.00

Target Compounds

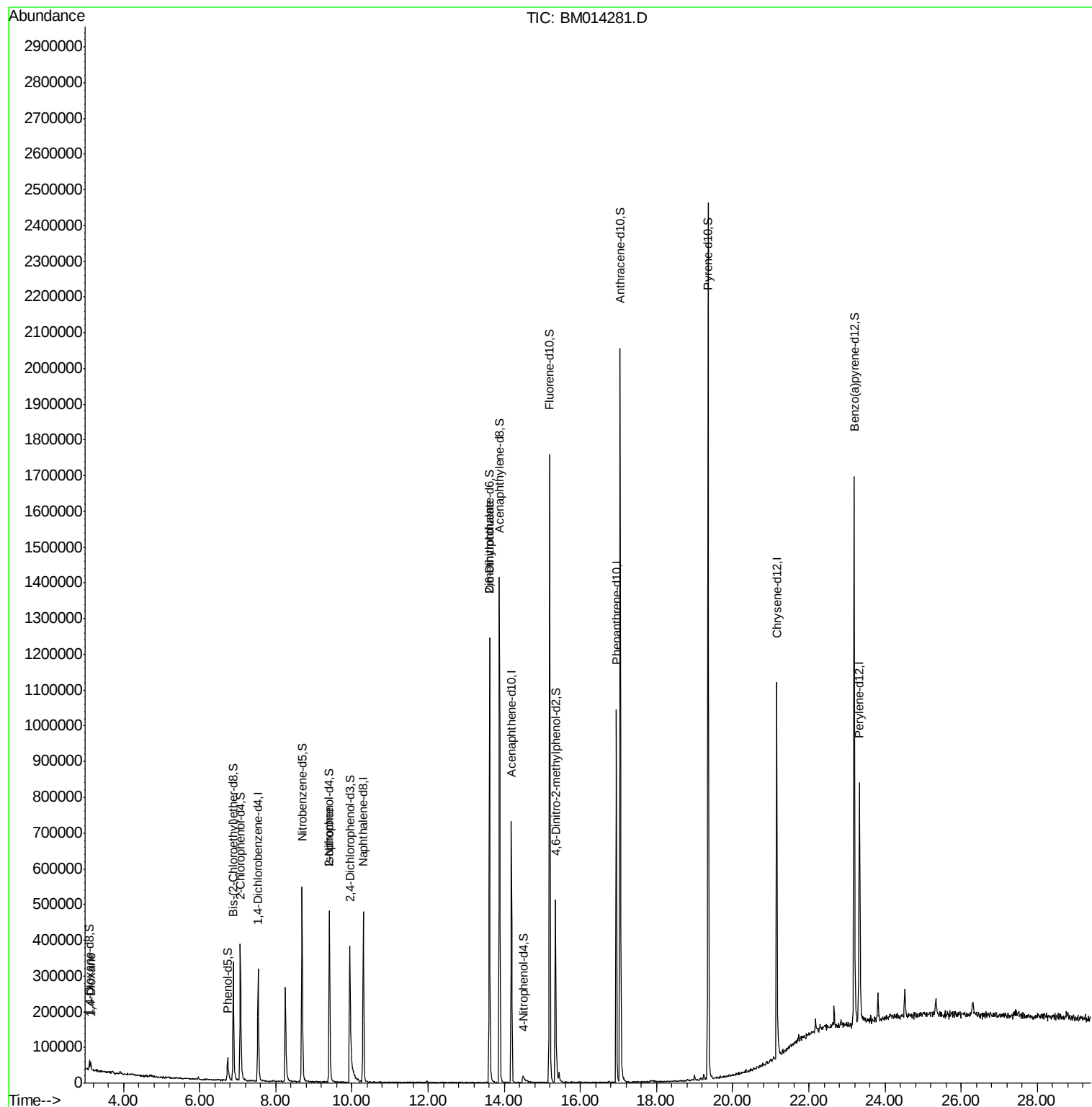
					Ovalue	
2) 1,4-Dioxane	3.15	88	10597	5.82	ng/uL#	69
21) Isophorone	9.40	82	16609	1.40	ng/ul#	75
45) 2,6-Dinitrotoluene	13.61	165	4656	1.45	ng/ul#	15

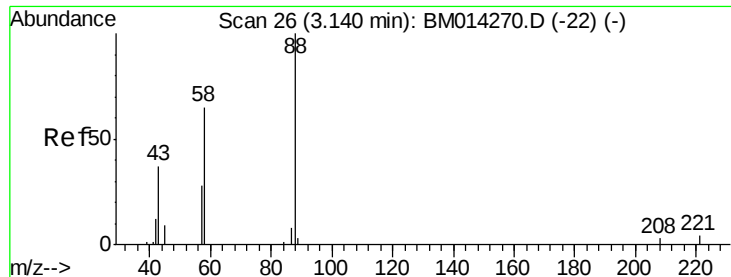
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 5.82 ng/uL

RT: 3.15 min Scan# 27

Delta R.T. 0.01 min

Lab File: BM014281.D

Acq: 16 Feb 2018 22:19

Instrument :

BNA_M

ClientSampleId :

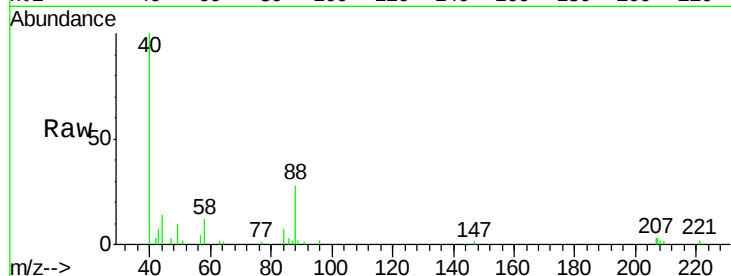
Tot Ion: 88 Resp: 10597

Ion Ratio Lower Upper

88 100

43 43.4 48.0 72.0#

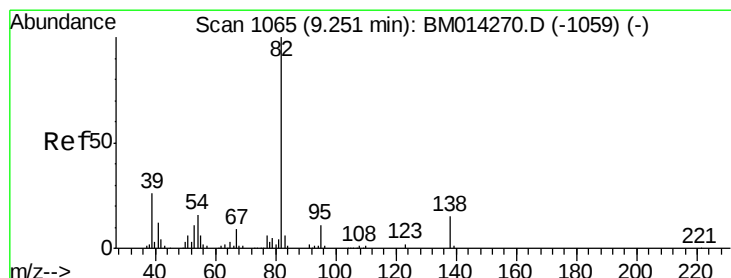
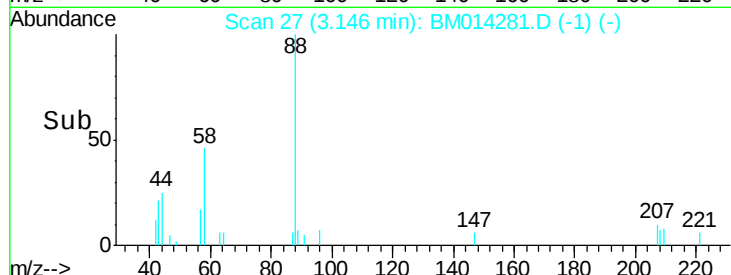
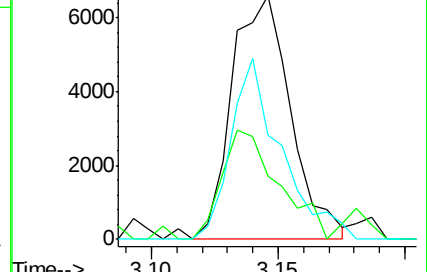
58 63.5 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM014281.D (-1031) (-)

Ion 43.00 (42.70 to 43.70): BM014281.D (-1031) (-)

Ion 58.00 (57.70 to 58.70): BM014281.D (-1031) (-)



#21

Isophorone

Concen: 1.40 ng/uL

RT: 9.40 min Scan# 1091

Delta R.T. 0.15 min

Lab File: BM014281.D

Acq: 16 Feb 2018 22:19

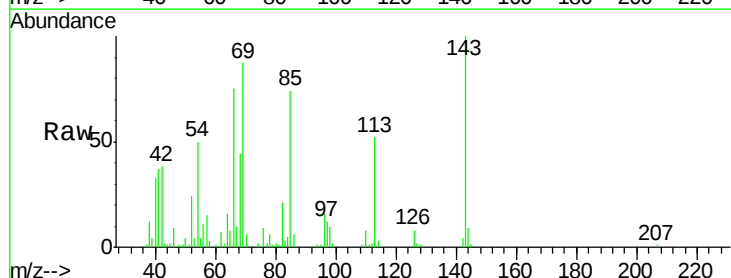
Tgt Ion: 82 Resp: 16609

Ion Ratio Lower Upper

82 100

95 6.6 7.8 11.8#

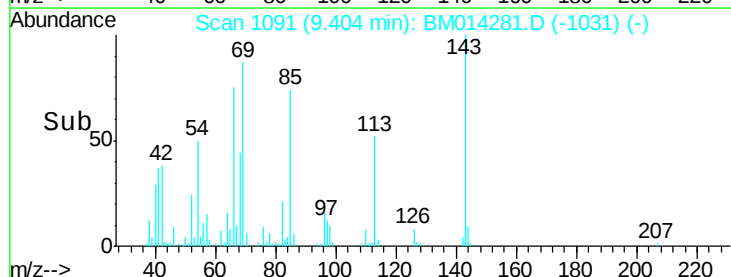
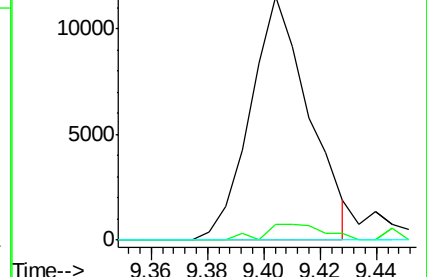
138 0.0 11.9 17.9#

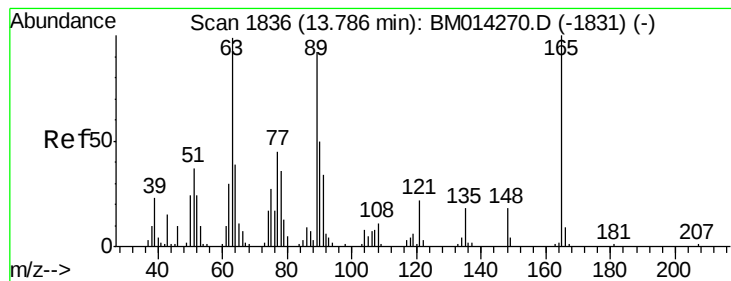


Abundance Ion 82.00 (81.70 to 82.70): BM014281.D (-1031) (-)

Ion 95.00 (94.70 to 95.70): BM014281.D (-1031) (-)

Ion 138.00 (137.70 to 138.70): BM014281.D (-1031) (-)





#45

2,6-Dinitrotoluene

Concen: 1.45 ng/ul

RT: 13.61 min Scan# 1806

Delta R.T. -0.18 min

Lab File: BM014281.D

Acq: 16 Feb 2018 22:19

Instrument :

BNA_M

ClientSampleId :

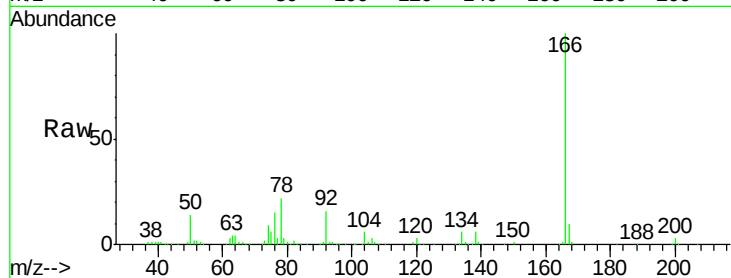
Tot Ion:165 Resp: 4656

Ion Ratio Lower Upper

165 100

89 0.0 52.6 79.0#

121 60.4 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

