

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021418\
 Data File : BM014254.D
 Acq On : 15 Feb 2018 01:39
 Operator : SJ/JU
 Sample : J1553-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 15 04:02:15 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	80242	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	349427	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	236031	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	568151	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	580932	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	518556	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	10845	5.79	ng/uL	0.00
5) Phenol-d5	6.74	99	30652	4.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	122629	29.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	121923	23.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	83358	14.05	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	87576	33.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	93285	34.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	134370	24.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	111	0.02	ng/ul	-0.15
43) Dimethylphthalate-d6	13.62	166	646802	33.18	ng/ul	0.00
46) Acenaphthylene-d8	13.88	160	795961	33.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	2006	0.75	ng/ul	0.05
57) Fluorene-d10	15.19	176	583752	33.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	88927	26.09	ng/ul	0.00
70) Anthracene-d10	17.04	188	941335	34.34	ng/ul	0.00
76) Pyrene-d10	19.36	212	1097437	36.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	505894	20.05	ng/ul	0.14

Target Compounds

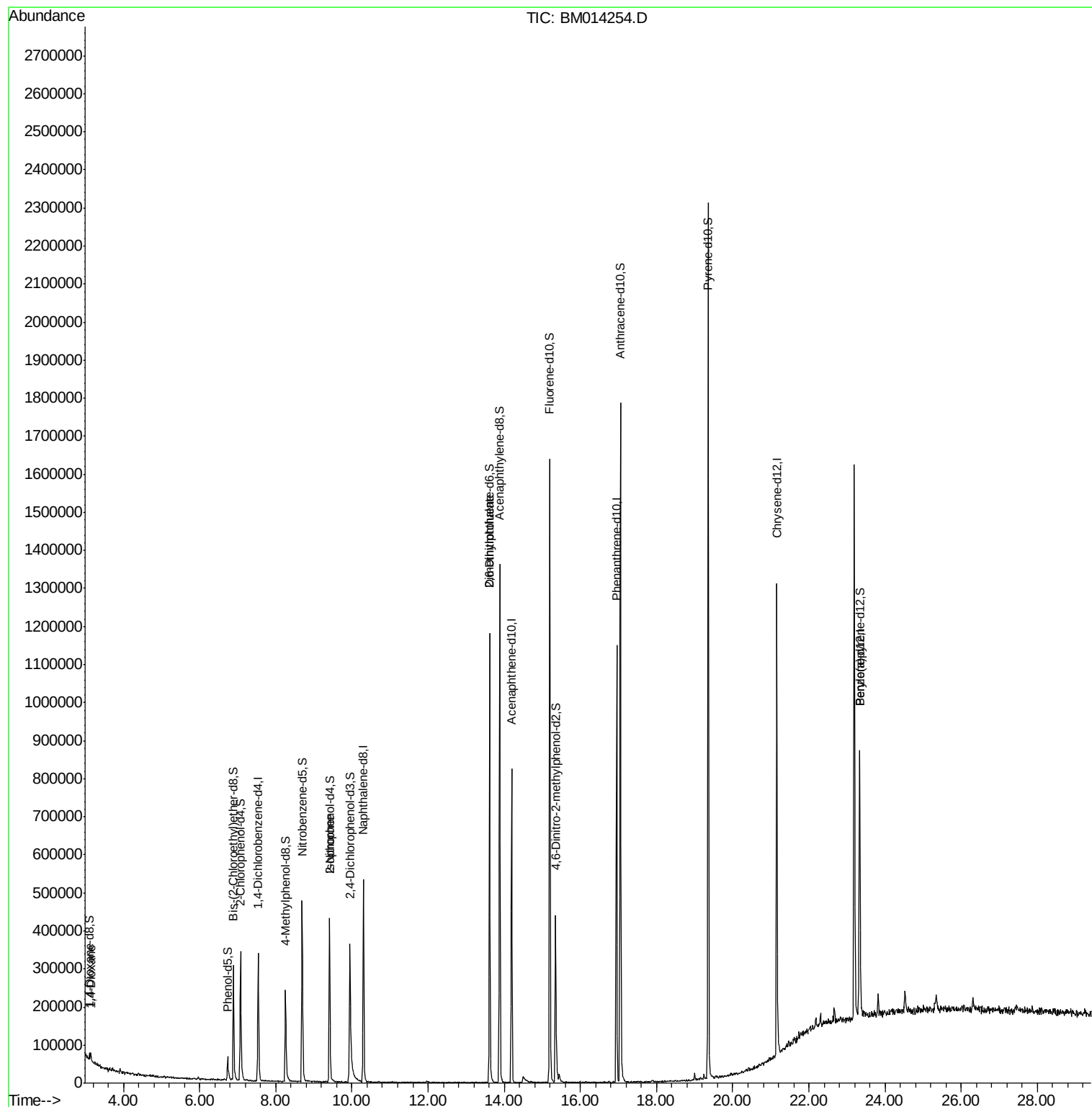
					Ovalue	
2) 1,4-Dioxane	3.14	88	6685	3.210	ng/uL#	74
21) Isophorone	9.42	82	13583	1.040	ng/ul#	73
45) 2,6-Dinitrotoluene	13.62	165	3740	1.024	ng/ul#	25

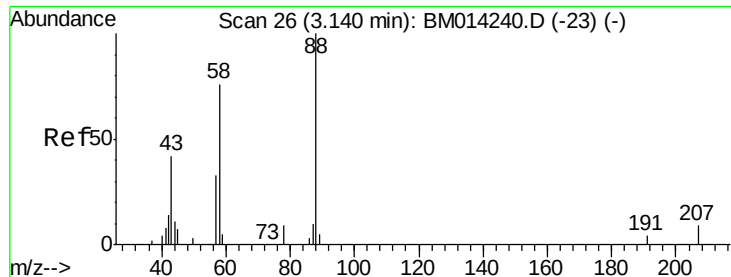
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 3.210 ng/uL

RT: 3.14 min Scan# 26

Delta R.T. -0.00 min

Lab File: BM014254.D

Acq: 15 Feb 2018 01:39

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ClientSampleId :

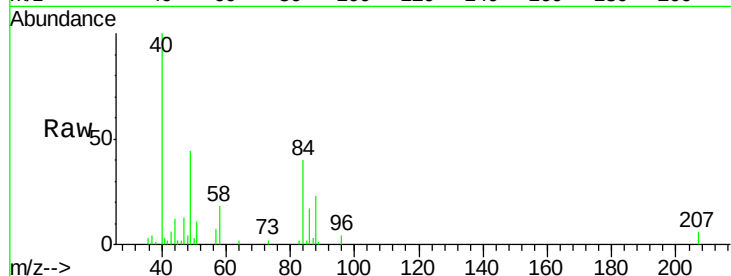
Tot Ion: 88 Resp: 6685

Ion Ratio Lower Upper

88 100

43 42.2 48.0 72.0#

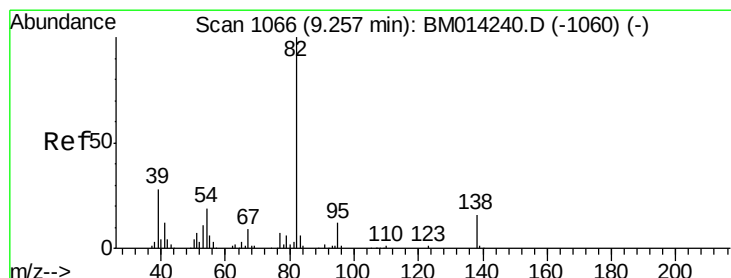
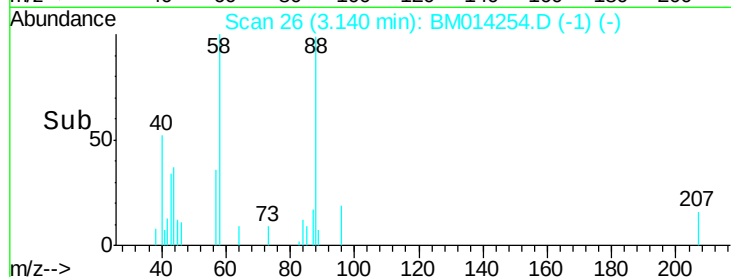
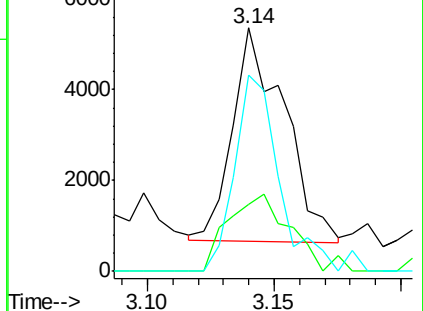
58 71.7 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM014240.D (-23) (-)

Ion 43.00 (42.70 to 43.70): BM014240.D (-23) (-)

Ion 58.00 (57.70 to 58.70): BM014240.D (-23) (-)



#21

Isophorone

Concen: 1.040 ng/uL

RT: 9.42 min Scan# 1093

Delta R.T. 0.16 min

Lab File: BM014254.D

Acq: 15 Feb 2018 01:39

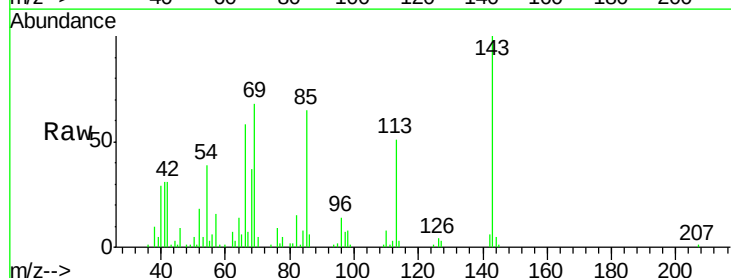
Tgt Ion: 82 Resp: 13583

Ion Ratio Lower Upper

82 100

95 14.4 7.8 11.8#

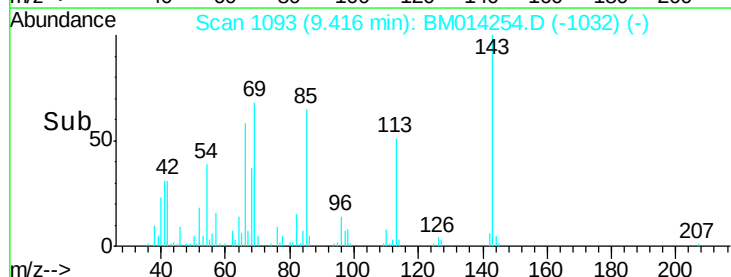
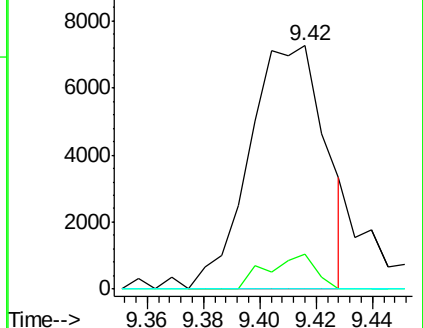
138 0.0 11.9 17.9#

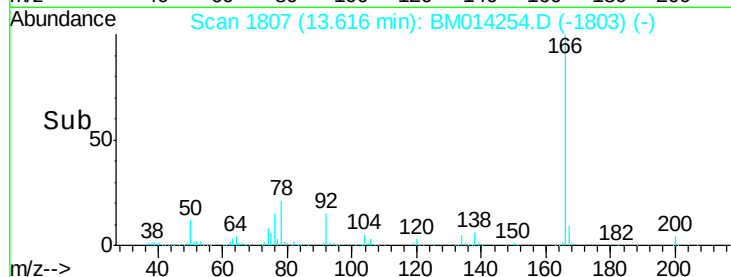
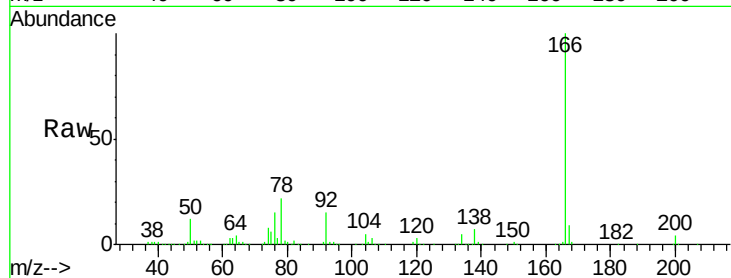
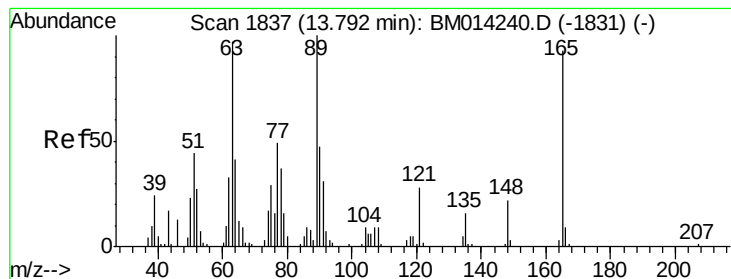


Abundance Ion 82.00 (81.70 to 82.70): BM014240.D (-1060) (-)

Ion 95.00 (94.70 to 95.70): BM014240.D (-1060) (-)

Ion 138.00 (137.70 to 138.70): BM014240.D (-1060) (-)





#45

2,6-Dinitrotoluene

Concen: 1.024 ng/ul

RT: 13.62 min Scan# 1807

Delta R.T. -0.18 min

Lab File: BM014254.D

Acq: 15 Feb 2018 01:39

Instrument :

BNA_M

ClientSampleId :

Tot Ion:165 Resp: 3740

Ion Ratio Lower Upper

165 100

89 0.0 52.6 79.0#

121 38.9 14.6 22.0#

