

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050916\
 Data File : BM005357.D
 Acq On : 09 May 2016 13:11
 Operator : UM/SJ
 Sample : SP3682
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP3682

Quant Time: May 10 04:24:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 04:23:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	66968	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	316599	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	198606	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	472660	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	551004	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	481315	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.27	96	22603	15.87	ng/uL	0.00
5) Phenol-d5	6.94	99	418813	68.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	251900	72.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	334623	72.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	347502	69.22	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	177152	78.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	207867	81.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	338648	71.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	500301	87.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1089894	68.47	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1329375	71.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	182376	62.76	ng/ul	0.00
57) Fluorene-d10	15.41	176	921720	67.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	187506	70.52	ng/ul	0.00
70) Anthracene-d10	17.26	188	1436498	68.75	ng/ul	0.00
76) Pyrene-d10	19.56	212	1616478	63.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1489495	69.91	ng/ul	0.00

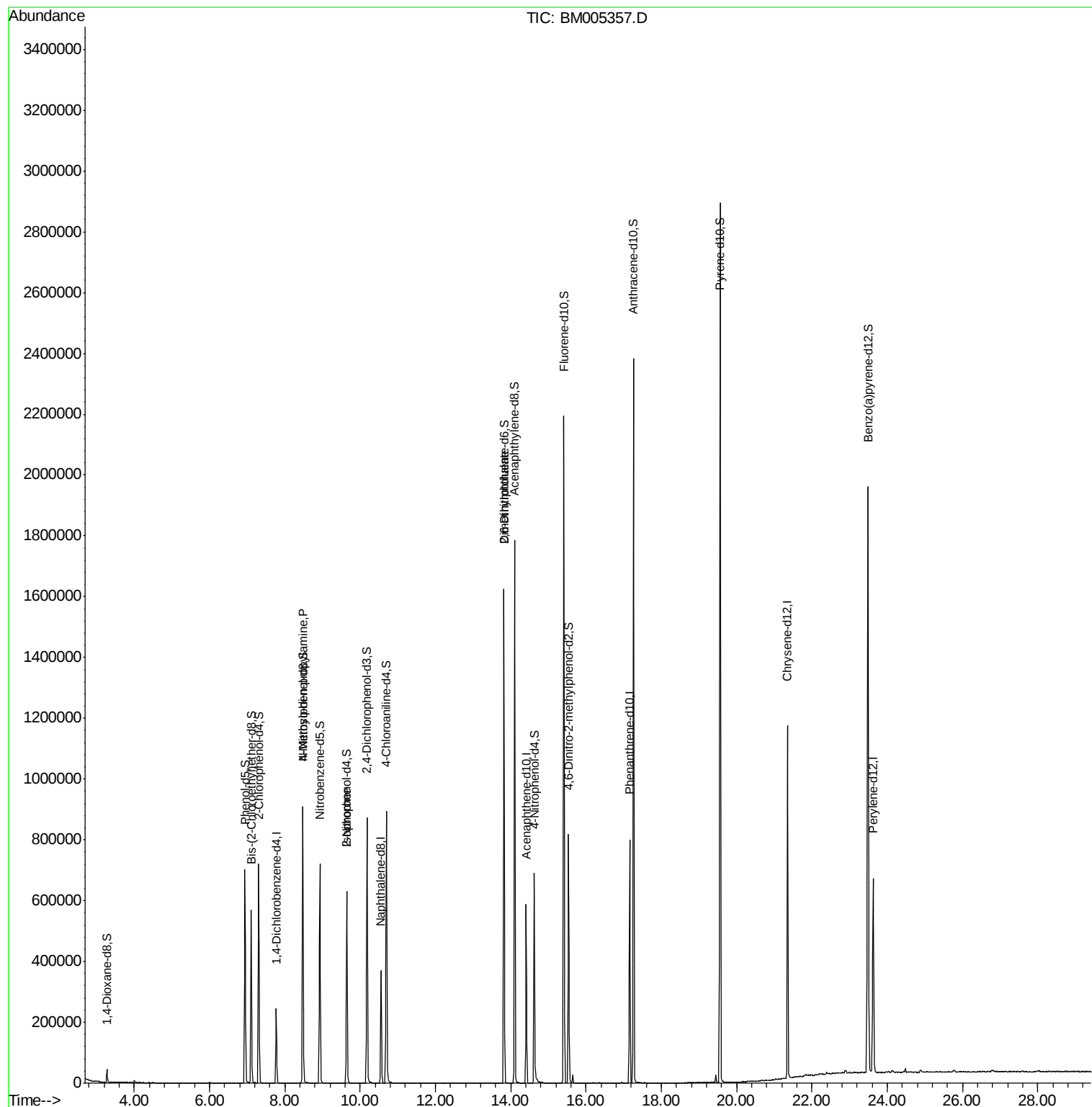
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) N-Nitroso-di-n-propylamine	8.47	70	8458	2.18	ng/ul#	1
21) Isophorone	9.65	82	17532	1.60	ng/ul#	71
45) 2,6-Dinitrotoluene	13.82	165	8199	2.61	ng/ul#	40

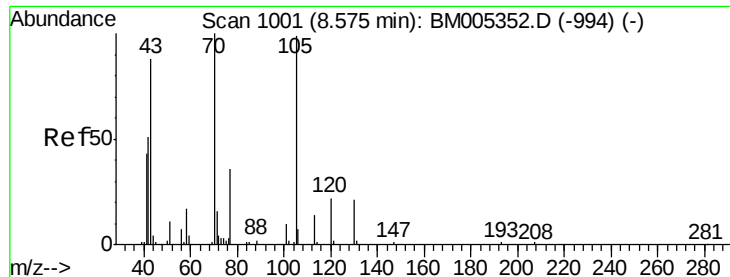
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

N-Nitroso-di-n-propylamine

Concen: 2.18 ng/ul

RT: 8.47 min Scan# 984

Delta R.T. -0.10 min

Lab File: BM005357.D

Acq: 09 May 2016 13:11

Instrument :

BNA_M

ClientSampled :

SP3682

Tgt Ion: 70 Resp: 8458

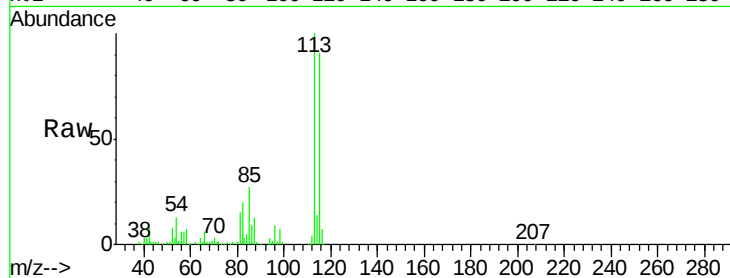
Ion Ratio Lower Upper

70 100

42 309.6 42.8 64.2#

101 0.0 7.8 11.6#

130 0.0 15.7 23.5#

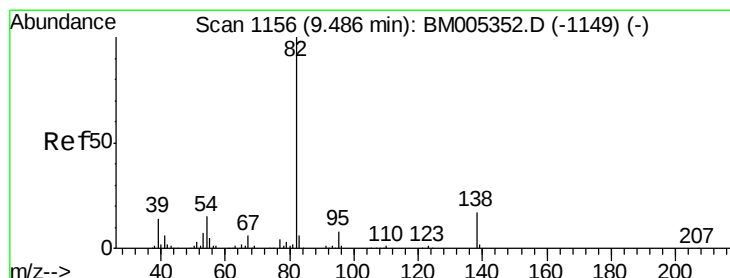
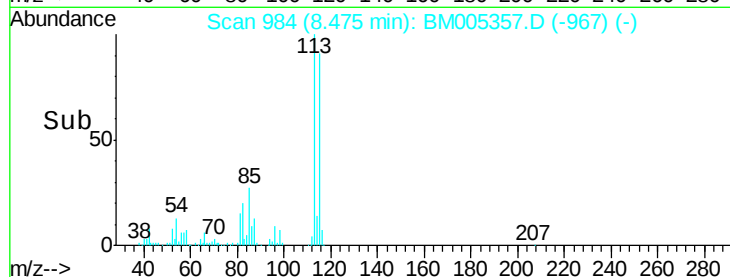
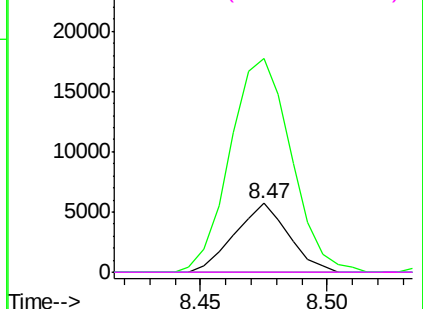


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Isophorone

Concen: 1.60 ng/ul

RT: 9.65 min Scan# 1183

Delta R.T. 0.16 min

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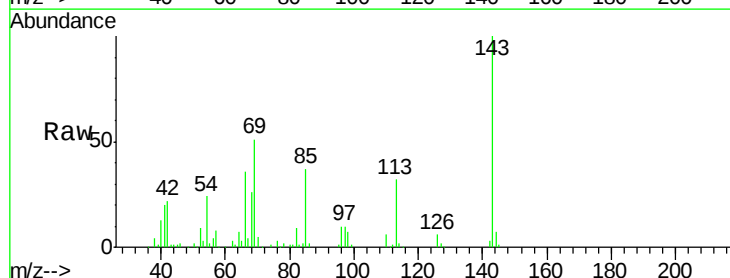
Tgt Ion: 82 Resp: 17532

Ion Ratio Lower Upper

82 100

95 7.9 5.4 8.0

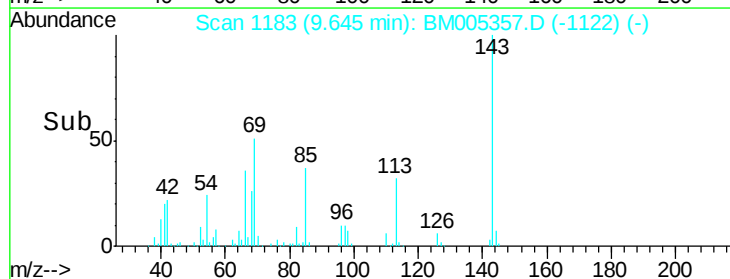
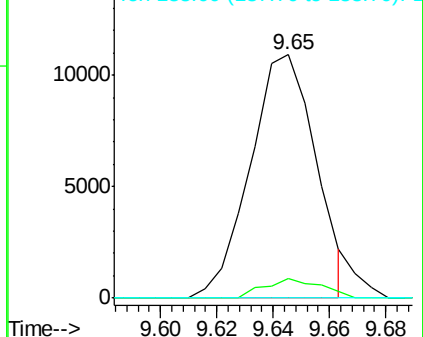
138 0.0 13.4 20.2#

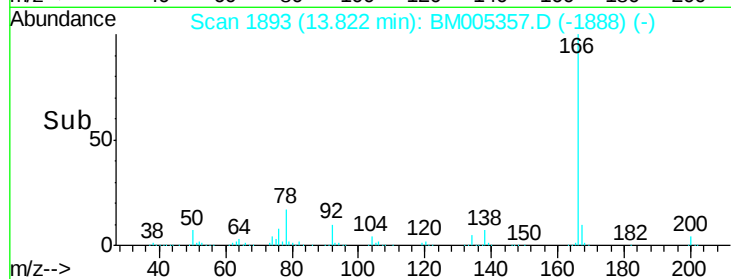
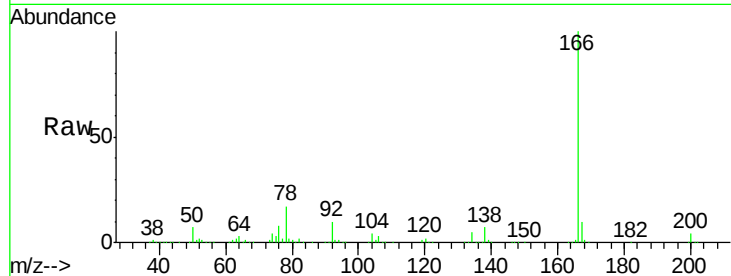
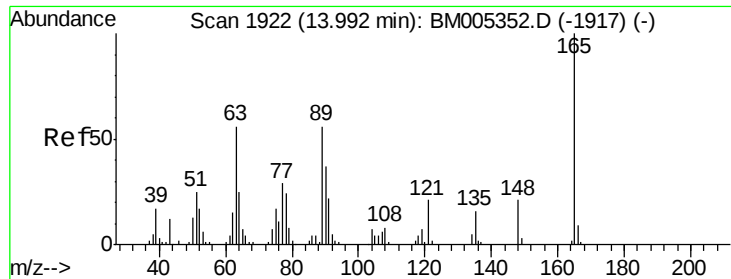


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 138.00 (137.70 to 138.70): E





#45

2,6-Dinitrotoluene

Concen: 2.61 ng/ul

RT: 13.82 min Scan# 1893

Delta R.T. -0.17 min

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Instrument :

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Tgt Ion:165 Resp: 8199

Ion Ratio Lower Upper

165 100

89 0.0 52.2 78.4#

121 27.8 21.0 31.4

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

