

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042421\
 Data File : BN014416.D
 Acq On : 24 Apr 2021 23:25
 Operator : CG/JU
 Sample : SP5547
 Misc : SFAM SURROGATES
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SP5547

Quant Time: Apr 26 01:52:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 23 12:06:34 2021
 Response via : Initial Calibration

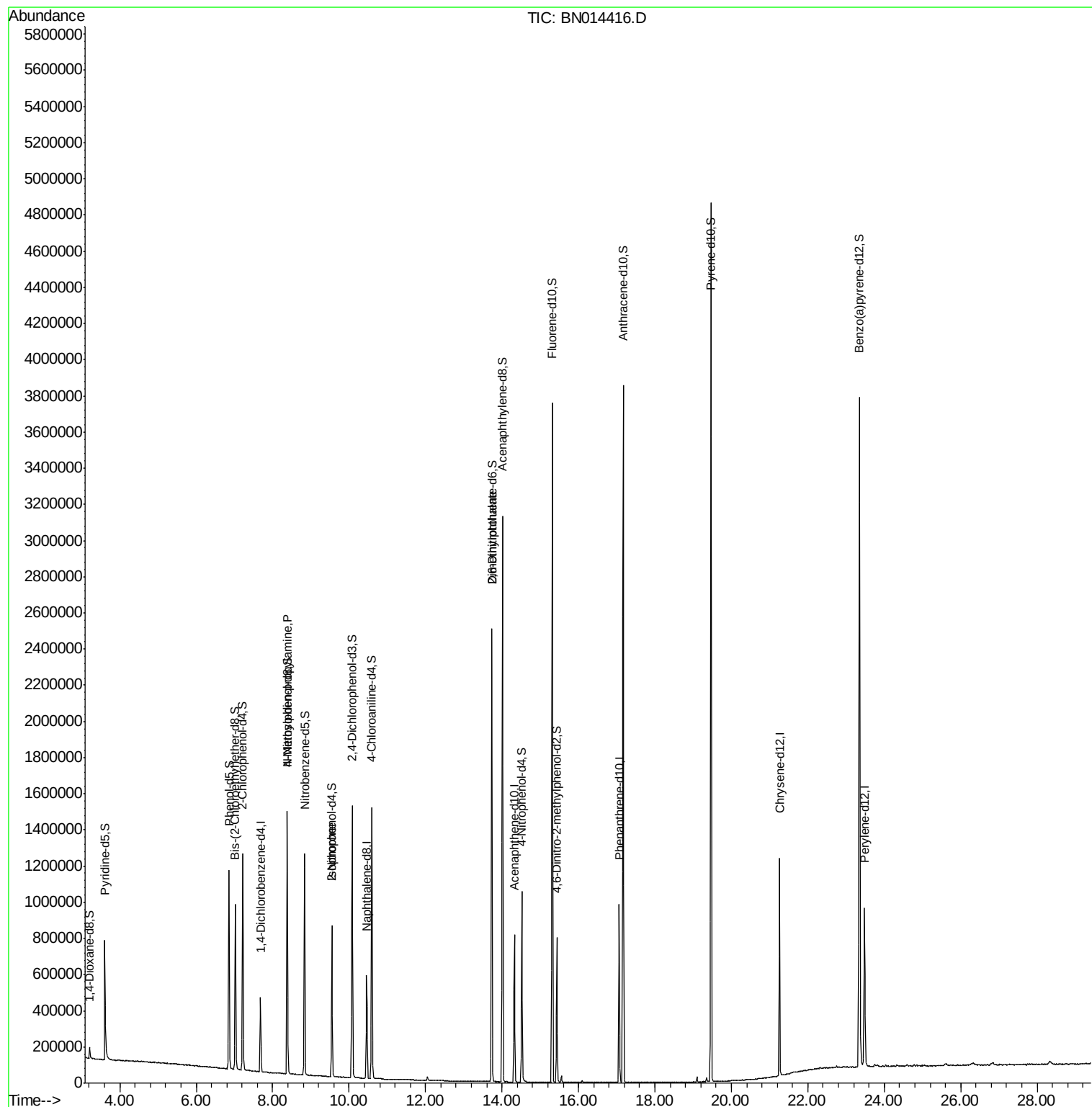
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	112206	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	472267	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	268312	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.06	188	578545	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	555874	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	570804	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	32877	11.15	ng/uL	0.00
4) Pyridine-d5	3.60	84	424490	54.35	ng/ul	0.00
7) Phenol-d5	6.86	99	634546	67.64	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	403305	71.80	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	548350	74.32	ng/ul	0.00
15) 4-Methylphenol-d8	8.38	113	522329	73.46	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	309387	90.65	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	260279	77.88	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	508343	70.61	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	745739	69.82	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	1601091	82.37	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	2163963	92.54	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	222431	59.00	ng/ul	0.00
60) Fluorene-d10	15.32	176	1402110	81.60	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	147291	47.57	ng/ul	0.00
73) Anthracene-d10	17.16	188	2169597	80.35	ng/ul	0.00
81) Pyrene-d10	19.47	212	2331518	86.40	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.35	264	2419088	79.89	ng/ul	0.00
Target Compounds						
17) N-Nitroso-di-n-propylamine	8.38	70	13922	2.505	ng/ul#	1
23) Isophorone	9.55	82	21250	1.400	ng/ul#	71
48) 2,6-Dinitrotoluene	13.74	165	8751	2.473	ng/ul#	38

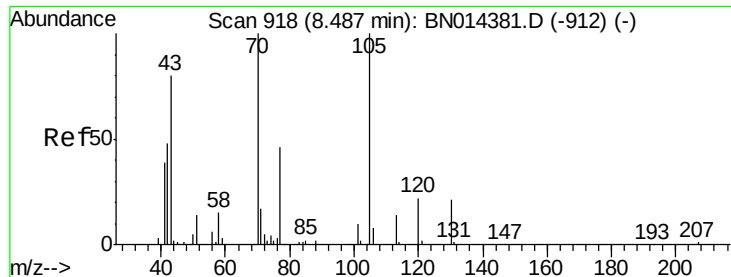
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

N-Nitroso-di-n-propylamine

Concen: 2.505 ng/ul

RT: 8.38 min Scan# 900

Delta R.T. -0.11 min

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Tot Ion: 70 Resp: 13922

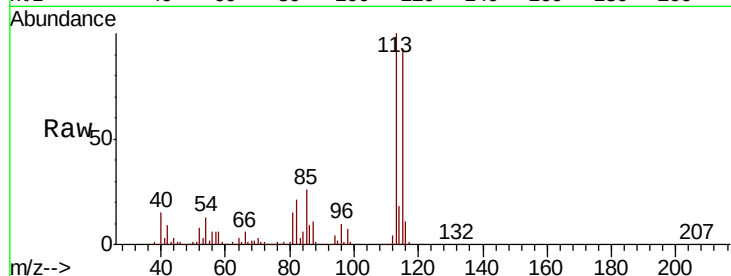
Ion Ratio Lower Upper

70 100

42 341.5 41.4 62.0#

101 0.0 8.1 12.1#

130 0.0 17.1 25.7#

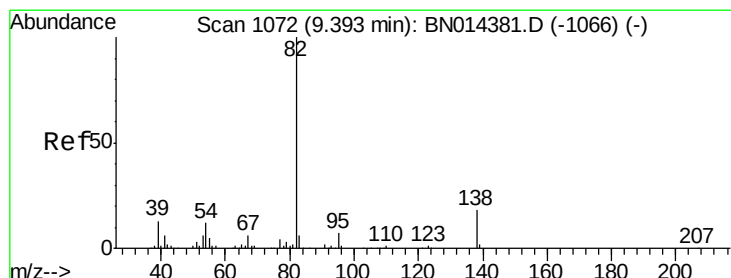
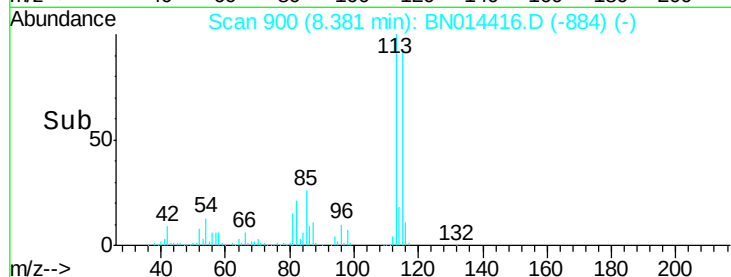
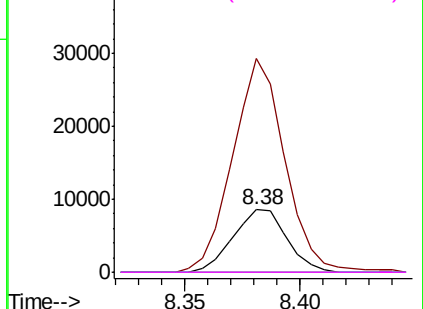


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): BN0

Ion 130.00 (129.70 to 130.70): BN0



#23

Isophorone

Concen: 1.400 ng/ul

RT: 9.55 min Scan# 1099

Delta R.T. 0.16 min

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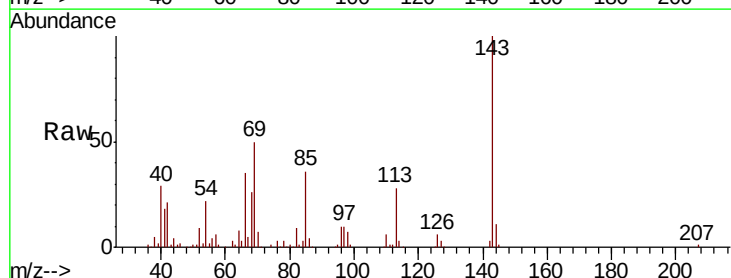
Tgt Ion: 82 Resp: 21250

Ion Ratio Lower Upper

82 100

95 7.9 5.5 8.3

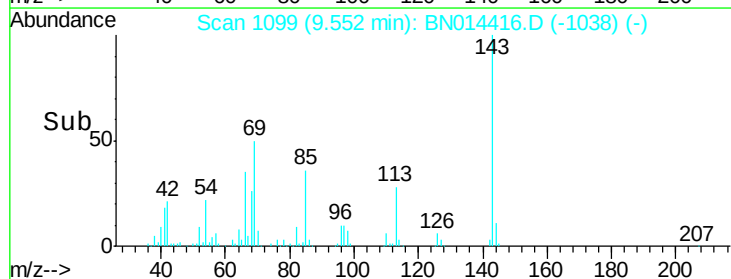
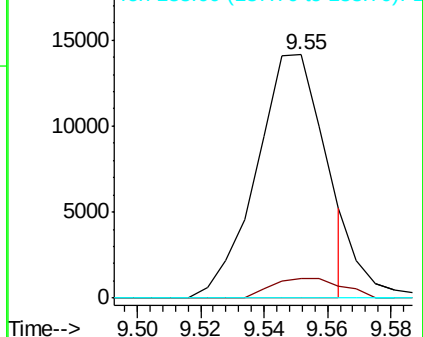
138 0.0 13.5 20.3#

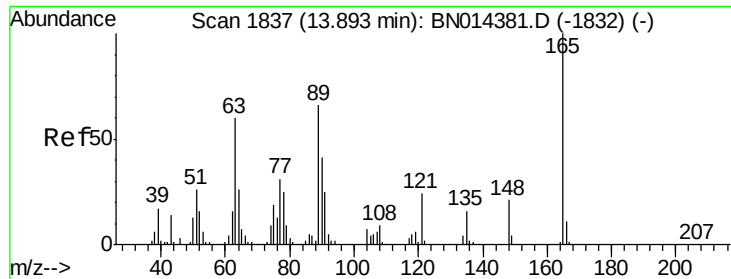


Abundance Ion 82.00 (81.70 to 82.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

Ion 138.00 (137.70 to 138.70): BN0





#48

2,6-Dinitrotoluene

Concen: 2.473 ng/ul

RT: 13.74 min Scan# 1811

Delta R.T. -0.16 min

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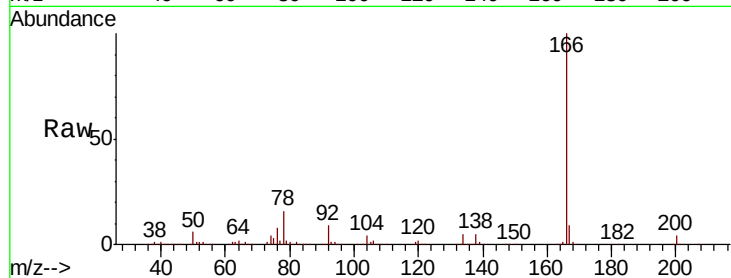
Tot Ion:165 Resp: 8751

Ion Ratio Lower Upper

165 100

89 0.0 49.8 74.6#

121 28.4 18.2 27.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNO

Ion 121.00 (120.70 to 121.70): E

