

Data Path : Z:\HPCHEM1\BNA N\DATA\BN020718\
 Data File : BN000031.D
 Acq On : 07 Feb 2018 10:54
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 07 13:47:54 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 13:41:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	407889	20.00	ng	0.00
21) Naphthalene-d8	11.31	136	2063809	20.00	ng	0.00
38) Acenaphthene-d10	15.08	164	1241438	20.00	ng	0.00
63) Phenanthrene-d10	17.80	188	2701669	20.00	ng	0.00
75) Chrysene-d12	21.93	240	2871814	20.00	ng	0.01
86) Perylene-d12	24.43	264	3086162	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	2028697	73.33	ng	0.00
7) Phenol-d6	7.59	99	3090535	73.55	ng	0.00
23) Nitrobenzene-d5	9.65	82	2880798	84.41	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	999165	80.06	ng	0.00
44) 2-Fluorobiphenyl	13.72	172	6952552	75.00	ng	0.00
78) Terphenyl-d14	20.37	244	8668082	79.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.66	88	390627	35.693	ng	94
3) Pyridine	4.10	79	1271455	38.307	ng	98
4) n-Nitrosodimethylamine	4.00	42	347002	35.535	ng	# 90
6) Aniline	7.77	93	2103816	36.727	ng	91
8) 2-Chlorophenol	8.02	128	1150553	37.595	ng	87
9) Benzaldehyde	7.58	77	740213	34.499	ng	89
10) Phenol	7.62	94	1578148	36.742	ng	85
11) bis(2-Chloroethyl)ether	7.87	93	1275668	37.229	ng	# 82
12) 1,3-Dichlorobenzene	8.36	146	1267744	37.313	ng	98
13) 1,4-Dichlorobenzene	8.50	146	1300253	37.263	ng	97
14) 1,2-Dichlorobenzene	8.83	146	1275971	37.011	ng	95
15) Benzyl Alcohol	8.70	79	1104727	35.800	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.99	45	1347669	36.363	ng	79
17) 2-Methylphenol	8.90	107	1146917	37.031	ng	94
18) Hexachloroethane	9.58	117	461908	38.602	ng	# 82
19) n-Nitroso-di-n-propylamine	9.28	70	1036068	36.589	ng	# 82
20) 3+4-Methylphenols	9.23	107	1611788	37.156	ng	93
22) Acetophenone	9.30	105	2264726	37.154	ng	# 87
24) Nitrobenzene	9.69	77	1515436	41.397	ng	# 92
25) Isophorone	10.21	82	2934549	36.298	ng	97
26) 2-Nitrophenol	10.41	139	539568	48.125	ng	# 89
27) 2,4-Dimethylphenol	10.45	122	1220124	36.808	ng	92
28) bis(2-Chloroethoxy)methane	10.69	93	1792468	38.439	ng	97
29) 2,4-Dichlorophenol	10.94	162	1121672	39.437	ng	97
30) 1,2,4-Trichlorobenzene	11.17	180	1259659	37.821	ng	98
31) Naphthalene	11.36	128	4330089	37.410	ng	98
32) Benzoic acid	10.56	122	750291	43.710	ng	86
33) 4-Chloroaniline	11.46	127	2005926	37.381	ng	94
34) Hexachlorobutadiene	11.64	225	658035	38.780	ng	96
35) Caprolactam	12.21	113	478844	37.875	ng	90
36) 4-Chloro-3-methylphenol	12.54	107	1451749	37.539	ng	98
37) 2-Methylnaphthalene	12.94	142	3069483	37.529	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	1394779	38.572	ng	# 97
40) Hexachlorocyclopentadiene	13.27	237	574332	47.554	ng	93

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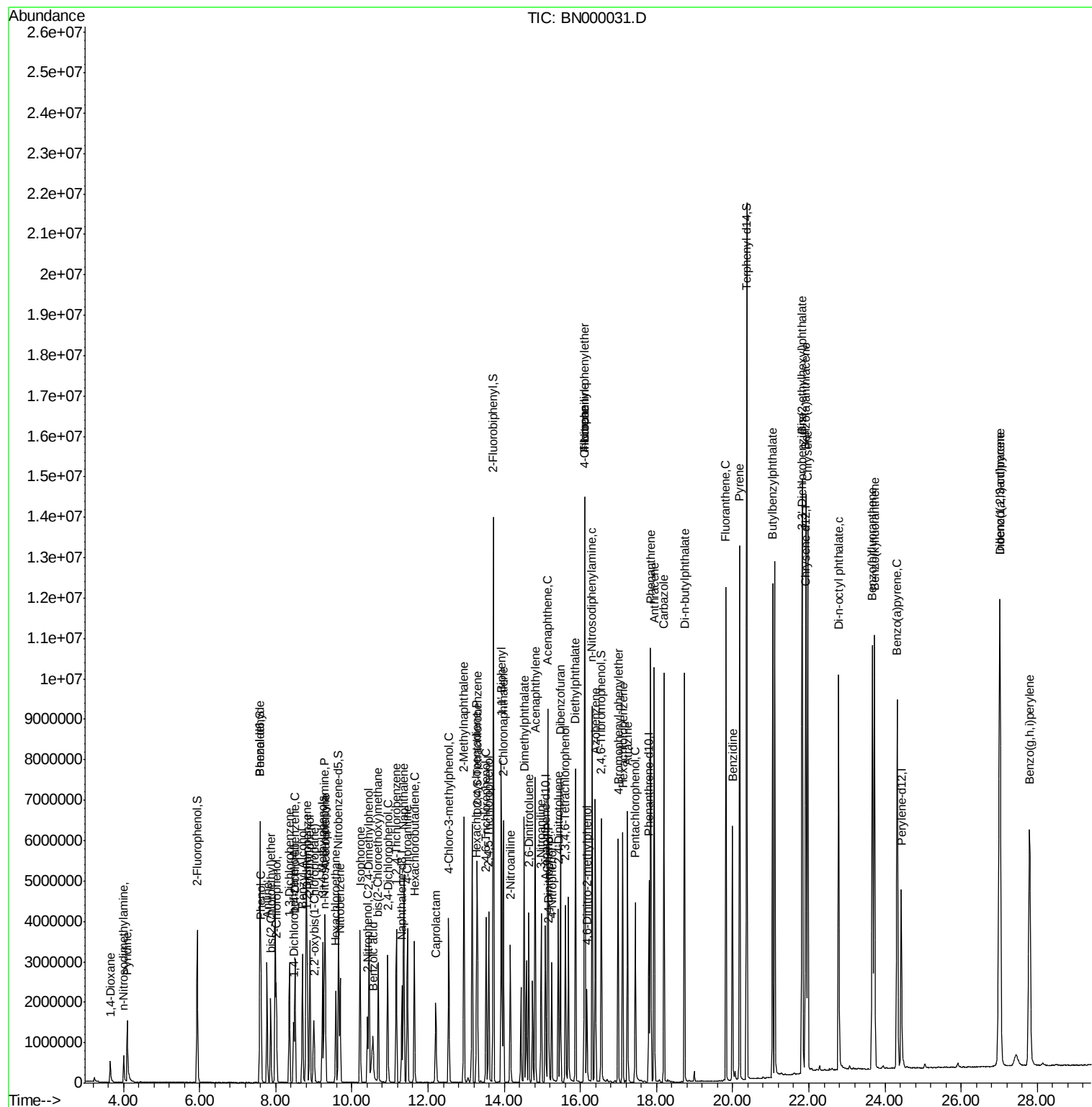
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	851903	39.858	nq	98
43) 2,4,5-Trichlorophenol	13.59	196	1018704	40.473	nq	# 93
45) 1,1'-Biphenyl	13.93	154	4193282	37.804	nq	99
46) 2-Chloronaphthalene	13.97	162	3154346	37.880	nq	98
47) 2-Nitroaniline	14.16	65	889588	45.233	nq	# 84
48) Acenaphthylene	14.81	152	5275712	37.729	nq	98
49) Dimethylphthalate	14.52	163	4121890	37.150	nq	100
50) 2,6-Dinitrotoluene	14.65	165	848251	42.846	nq	92
51) Acenaphthene	15.15	154	3326428	37.699	nq	98
52) 3-Nitroaniline	14.97	138	1029029	42.400	nq	# 91
53) 2,4-Dinitrophenol	15.17	184	234575	51.529	nq	# 6
54) Dibenzofuran	15.47	168	4728690	37.345	nq	96
55) 4-Nitrophenol	15.25	139	762132	42.328	nq	# 83
56) 2,4-Dinitrotoluene	15.42	165	1144922	44.335	nq	94
57) Fluorene	16.12	166	3889825	36.484	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.60	232	786785	38.384	nq	# 91
59) Diethylphthalate	15.87	149	4274481	36.872	nq	97
60) 4-Chlorophenyl-phenylether	16.10	204	1747617	37.087	nq	92
61) 4-Nitroaniline	16.12	138	1087973	42.060	nq	89
62) Azobenzene	16.39	77	4246552	36.657	nq	90
64) 4,6-Dinitro-2-methylphenol	16.17	198	432495	51.858	nq	87
65) n-Nitrosodiphenylamine	16.31	169	3465109	39.249	nq	97
66) 4-Bromophenyl-phenylether	16.99	248	989716	39.149	nq	# 85
67) Hexachlorobenzene	17.11	284	1138253	39.081	nq	# 90
68) Atrazine	17.24	200	1055026	39.203	nq	94
69) Pentachlorophenol	17.45	266	684643	39.248	nq	99
70) Phenanthrene	17.85	178	6158929	37.887	nq	100
71) Anthracene	17.94	178	6141705	38.138	nq	99
72) Carbazole	18.19	167	6217001	37.314	nq	97
73) Di-n-butylphthalate	18.73	149	7113288	38.444	nq	99
74) Fluoranthene	19.82	202	6742011	36.526	nq	93
76) Benzidine	19.99	184	3240468	44.577	nq	95
77) Pyrene	20.18	202	7254163	40.039	nq	98
79) Butylbenzylphthalate	21.05	149	3170721	43.904	nq	98
80) Benzo(a)anthracene	21.92	228	6991498	39.267	nq	99
81) 3,3'-Dichlorobenzidine	21.83	252	2489849	41.729	nq	# 97
82) Chrysene	21.97	228	6805270	38.484	nq	98
83) Bis(2-ethylhexyl)phthalate	21.82	149	4916943	41.146	nq	# 95
84) Di-n-octyl phthalate	22.79	149	7794561	40.300	nq	# 93
85) Indeno(1,2,3-cd)pyrene	27.01	276	8631401	37.840	nq	# 86
87) Benzo(b)fluoranthene	23.67	252	7333554	39.965	nq	# 96
88) Benzo(k)fluoranthene	23.72	252	7025110	38.184	nq	# 95
89) Benzo(a)pyrene	24.32	252	6939100	38.927	nq	# 95
90) Dibenzo(a,h)anthracene	27.02	278	7193044	38.551	nq	# 91
91) Benzo(g,h,i)perylene	27.80	276	7245810	38.211	nq	# 89

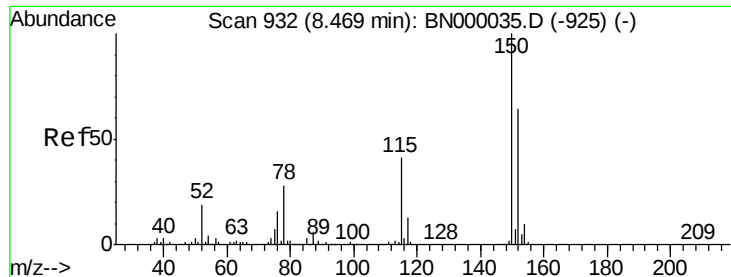
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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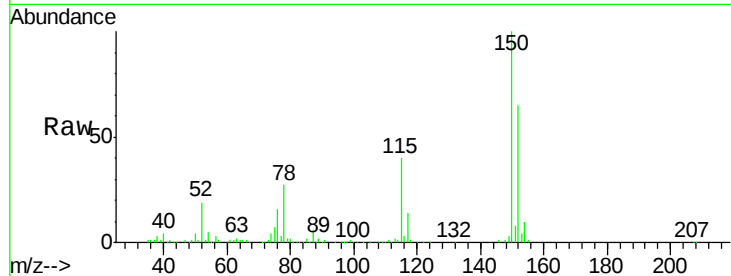


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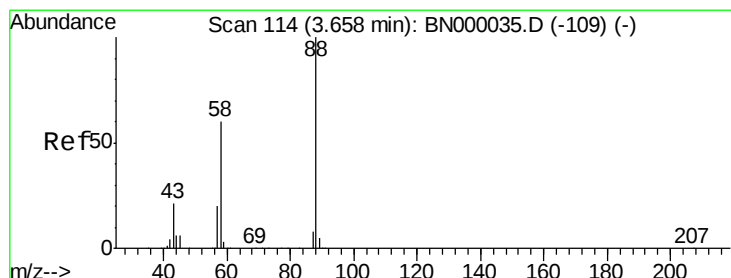
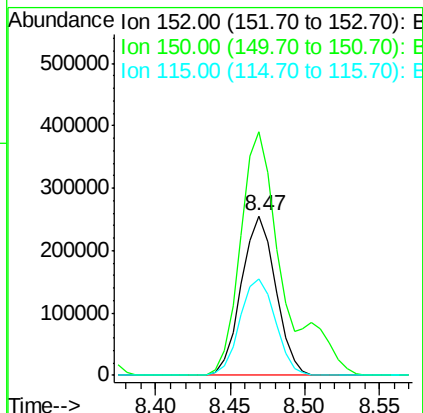
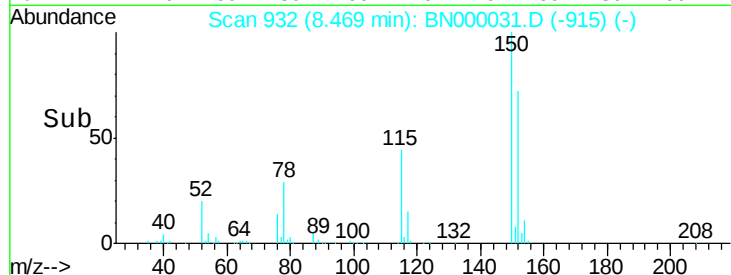
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.47 min Scan# 932
Delta R.T. 0.00 min
Lab File: BN000031.D
Acq: 07 Feb 2018 10:54

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Tot Ion	152	Resp	407889
Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.6	189.8
115	60.8	53.0	79.4



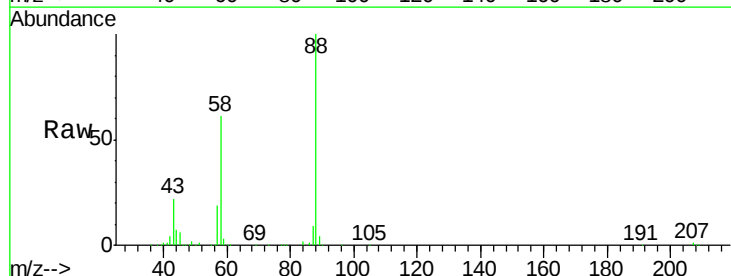
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



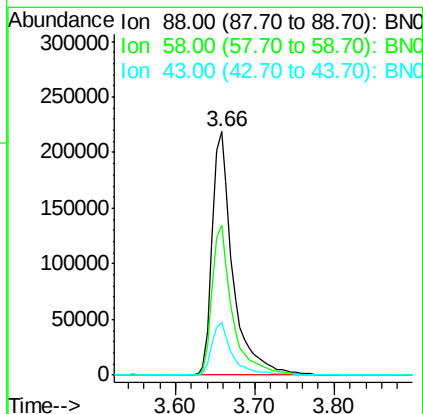
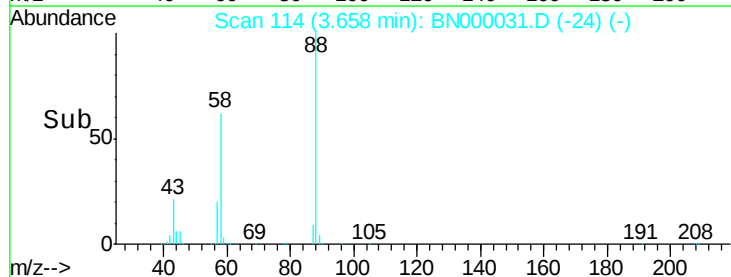
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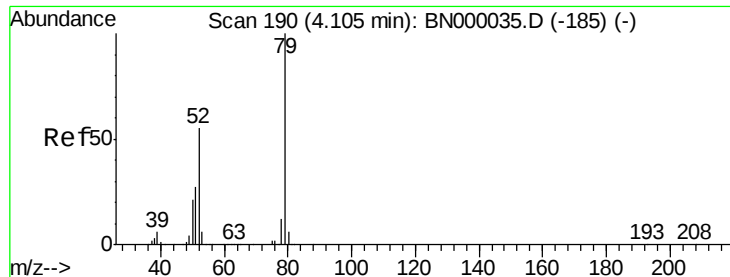
1,4-Dioxane
Concen: 35.693 ng
RT: 3.66 min Scan# 114
Delta R.T. 0.00 min
Lab File: BN000031.D
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Tgt Ion	88	Resp	390627
Ion	Ratio	Lower	Upper
88	100		
58	60.7	52.0	78.0
43	20.8	20.0	30.0



Abundance Ion 88.00 (87.70 to 88.70): BNC
Ion 58.00 (57.70 to 58.70): BNC
Ion 43.00 (42.70 to 43.70): BNC





#3

Pvridine

Concen: 38.307 ng

RT: 4.10 min Scan# 189

Delta R.T. -0.01 min

Lab File: BN000031.D

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Instrument :

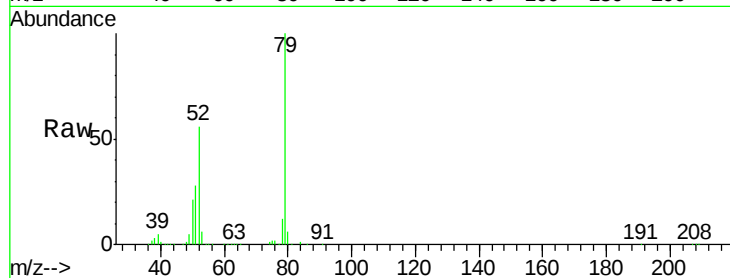
BNA_N

ClientSampleId :

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Tot Ion: 79 Resp: 1271455

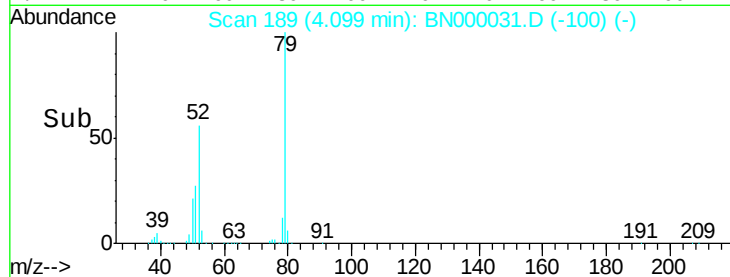
Ion	Ratio	Lower	Upper
79	100		
52	55.6	44.0	66.0
51	27.6	24.0	36.0



Abundance Ion 79.00 (78.70 to 79.70): BN0

Ion 52.00 (51.70 to 52.70): BN0

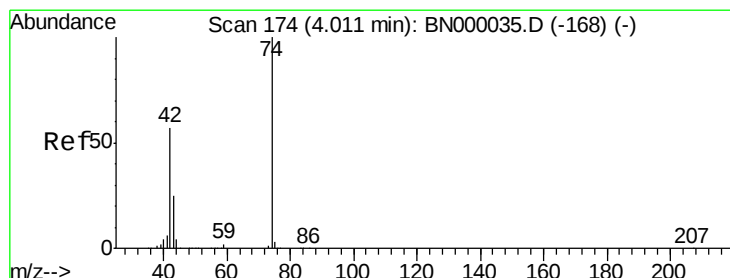
Ion 51.00 (50.70 to 51.70): BN0



Abundance Ion 79.00 (78.70 to 79.70): BN0

Ion 52.00 (51.70 to 52.70): BN0

Ion 51.00 (50.70 to 51.70): BN0



#4

n-Nitrosodimethylamine

Concen: 35.535 ng

RT: 4.00 min Scan# 173

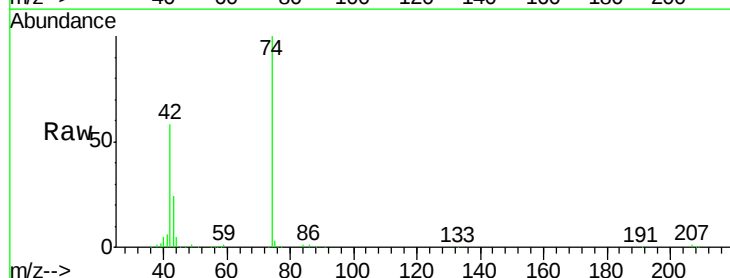
Delta R.T. -0.01 min

Lab File: BN000031.D

Acq: 07 Feb 2018 10:54

Tgt Ion: 42 Resp: 347002

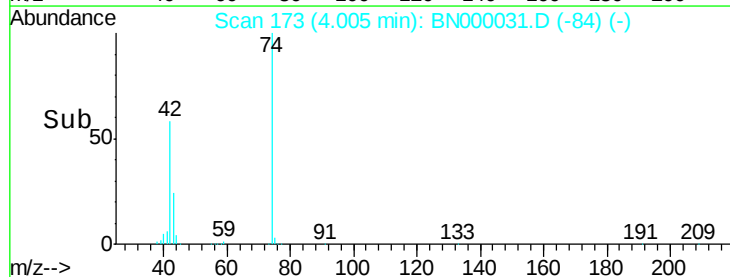
Ion	Ratio	Lower	Upper
42	100		
74	173.0	128.0	192.0
44	7.9	12.0	18.0



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0



Abundance Ion 42.00 (41.70 to 42.70): BN0

Ion 74.00 (73.70 to 74.70): BN0

Ion 44.00 (43.70 to 44.70): BN0