Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073115\
Data File : BF080743.D
Acq On : 31 Jul 2015 19:52
Operator : TP/UM
Sample : PB84792BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84792BS

Quant Time: Aug 01 01:52:16 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	143118	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	523483	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	253787	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	500349	20.00	ng		0.00
75) Chrysene-d12	14.00	240	321416	20.00	ng		0.00
86) Perylene-d12	15.41	264	275063	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1044915	125.25	ng		0.02
7) Phenol-d6	6.49	99	1332197	117.29	ng		0.00
23) Nitrobenzene-d5	7.41	82	870696	80.55	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	353199	134.12	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1550893	91.17	ng		0.00
78) Terphenyl-d14	12.96	244	1366042	80.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	136663	33.22	ng		98
3) Pyridine	3.31	79	407713	35.72	ng		97
4) n-Nitrosodimethylamine	3.25	42	246733	37.81	ng		100
6) Aniline	6.51	93	298687	18.27	ng		91
8) 2-Chlorophenol	6.64	128	350429	37.47	ng		97
9) Benzaldehyde	6.40	77	91984	11.09	ng		90
10) Phenol	6.50	94	528710	40.23	ng		96
11) bis(2-Chloroethyl)ether	6.59	93	346046	36.86	ng		98
12) 1,3-Dichlorobenzene	6.80	146	407932	39.19	ng		96
13) 1,4-Dichlorobenzene	6.88	146	392458	36.95	ng		96
14) 1,2-Dichlorobenzene	7.02	146	391096	40.29	ng		94
15) Benzyl Alcohol	7.00	79	289155	30.65	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	814093	40.58	ng		99
17) 2-Methylphenol	7.10	107	299407	39.01	ng		99
18) Hexachloroethane	7.37	117	153928	38.83	ng		90
19) n-Nitroso-di-n-propylamine	7.26	70	283543	37.07	ng		96
20) 3+4-Methylphenols	7.26	107	375604	39.66	ng	#	74
22) Acetophenone	7.26	105	506817	40.11	ng	#	86
24) Nitrobenzene	7.44	77	475805	43.93	ng		93
25) Isophorone	7.68	82	781837	40.67	ng		97
26) 2-Nitrophenol	7.76	139	185404	42.17	ng	#	85
27) 2,4-Dimethylphenol	7.79	122	429353	51.99	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	475175	41.72	ng		99
29) 2,4-Dichlorophenol	8.00	162	308962	42.09	ng		94
30) 1,2,4-Trichlorobenzene	8.08	180	301811	37.70	ng		98
31) Naphthalene	8.16	128	981588	37.57	ng		100
32) Benzoic acid	7.90	122	163565	28.37	ng		99
33) 4-Chloroaniline	8.20	127	81091	7.35	ng	#	90
34) Hexachlorobutadiene	8.28	225	210072	40.64	ng		99
35) Caprolactam	8.57	113	61335	27.90	ng		97
36) 4-Chloro-3-methylphenol	8.69	107	353654	44.68	ng		94
37) 2-Methylnaphthalene	8.85	142	700330	42.70	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	288862	36.24	ng	#	96
40) Hexachlorocyclopentadiene	9.00	237	406390	82.88	ng		98

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Instrument : BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	204012	36.80	ng		97
43) 2,4,5-Trichlorophenol	9.17	196	237745	43.23	ng	#	91
45) 1,1'-Biphenyl	9.31	154	746543	38.36	ng		96
46) 2-Chloronaphthalene	9.33	162	598078	37.63	ng	#	92
47) 2-Nitroaniline	9.42	65	238527	38.57	ng	#	71
48) Acenaphthylene	9.76	152	1043330	41.28	ng		98
49) Dimethylphthalate	9.62	163	800460	44.76	ng		98
50) 2,6-Dinitrotoluene	9.68	165	176849	46.59	ng		87
51) Acenaphthene	9.93	154	720612	46.74	ng		99
52) 3-Nitroaniline	9.84	138	72390	16.53	ng	#	60
53) 2,4-Dinitrophenol	9.95	184	186829	92.42	ng	#	45
54) Dibenzofuran	10.10	168	894898	43.40	ng		96
55) 4-Nitrophenol	10.00	139	226341	70.14	ng	#	57
56) 2,4-Dinitrotoluene	10.08	165	241468	48.51	ng		98
57) Fluorene	10.43	166	633087	39.55	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	200325	48.30	ng		97
59) Diethylphthalate	10.32	149	754429	43.76	ng		100
60) 4-Chlorophenyl-phenylether	10.43	204	336398	48.73	ng		93
61) 4-Nitroaniline	10.45	138	162217	41.02	ng		97
62) Azobenzene	10.59	77	922096	49.37	ng		97
64) 4,6-Dinitro-2-methylphenol	10.48	198	113045	37.51	ng		94
65) n-Nitrosodiphenylamine	10.54	169	580209	35.37	ng		98
66) 4-Bromophenyl-phenylether	10.92	248	224181	43.40	ng	#	90
67) Hexachlorobenzene	10.98	284	226556	37.94	ng	#	90
68) Atrazine	11.07	200	188542	51.54	ng		98
69) Pentachlorophenol	11.17	266	285907	79.12	ng		99
70) Phenanthrene	11.39	178	924023	36.66	ng		99
71) Anthracene	11.45	178	1083704	43.75	ng		99
72) Carbazole	11.60	167	833147	38.75	ng		99
73) Di-n-butylphthalate	11.94	149	1180072	44.27	ng		99
74) Fluoranthene	12.58	202	1068298	43.83	ng		97
76) Benzidine	12.69	184	310572	26.54	ng		100
77) Pyrene	12.81	202	1043947	41.88	ng		100
79) Butylbenzylphthalate	13.43	149	404088	39.30	ng		90
80) Benzo(a)anthracene	13.99	228	716591	37.07	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	128864	19.53	ng	#	98
82) Chrysene	14.02	228	653259	34.82	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	539335	43.46	ng	#	93
84) Di-n-octyl phthalate	14.60	149	849322	40.82	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	658921	39.30	ng	#	88
87) Benzo(b)fluoranthene	15.04	252	1179487	71.78	ng		99
88) Benzo(k)fluoranthene	15.04	252	1179487	87.23	ng	#	97
89) Benzo(a)pyrene	15.36	252	573402	42.51	ng	#	97
90) Dibenzo(a,h)anthracene	16.81	278	562457	46.58	ng		98
91) Benzo(g,h,i)perylene	17.21	276	559133	47.06	ng		96

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

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 01:45:22 2015
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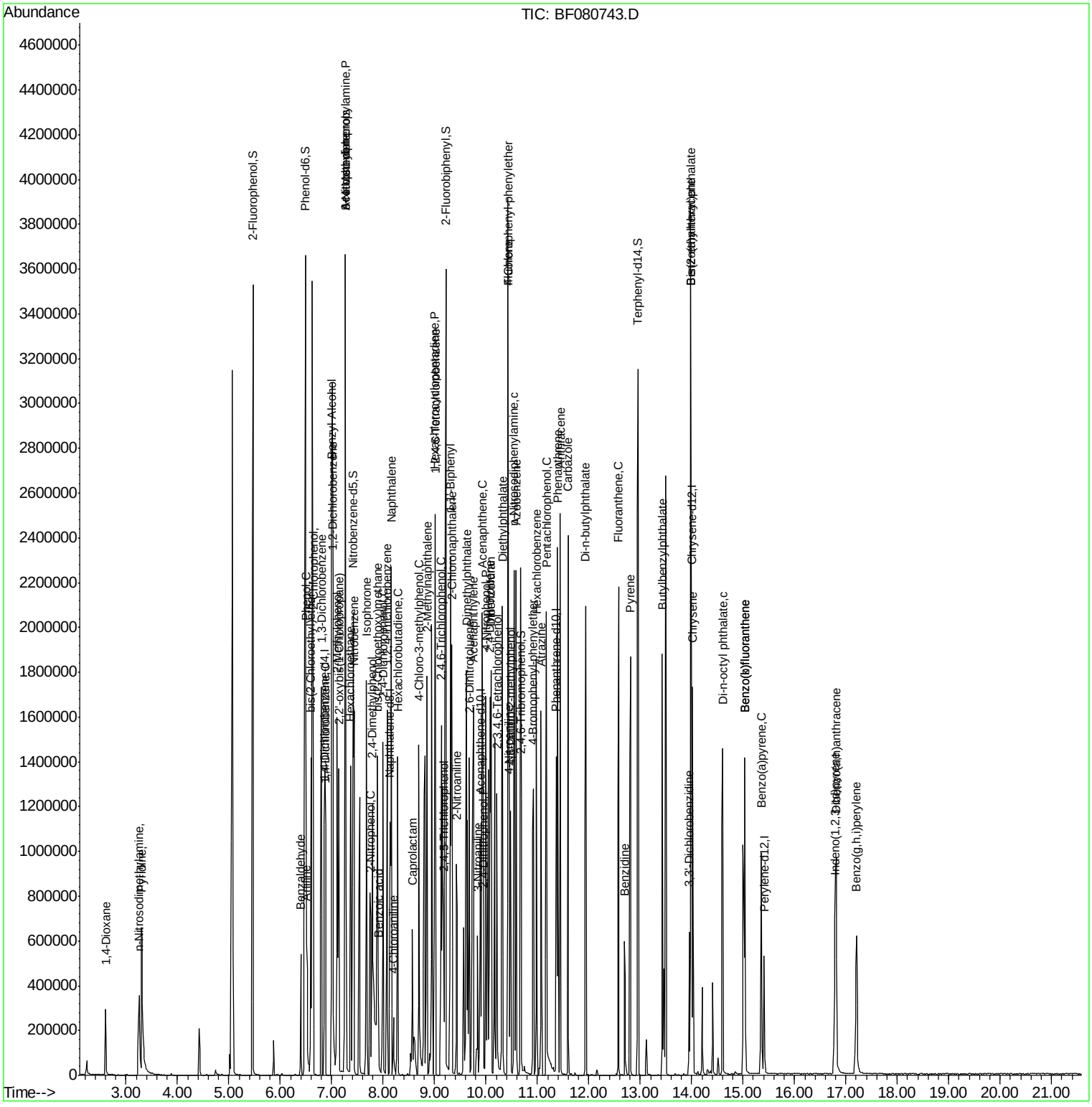
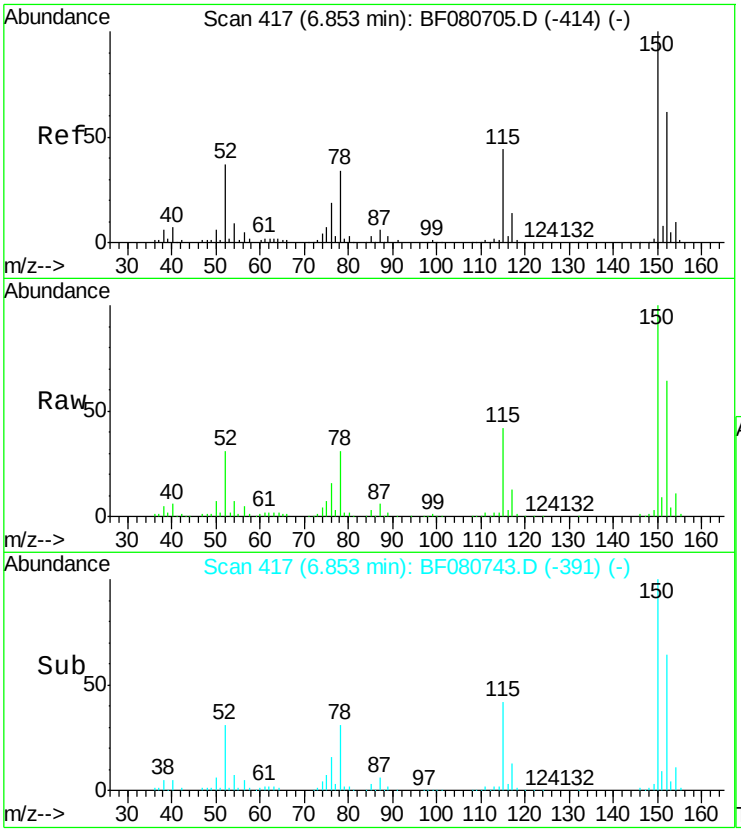


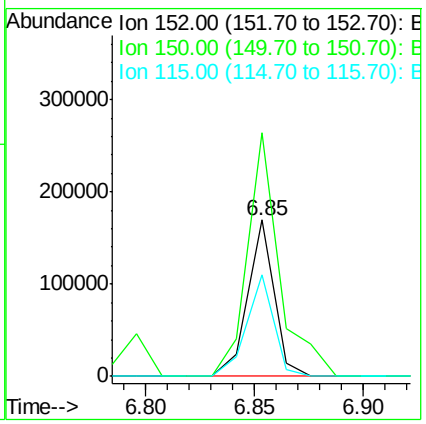


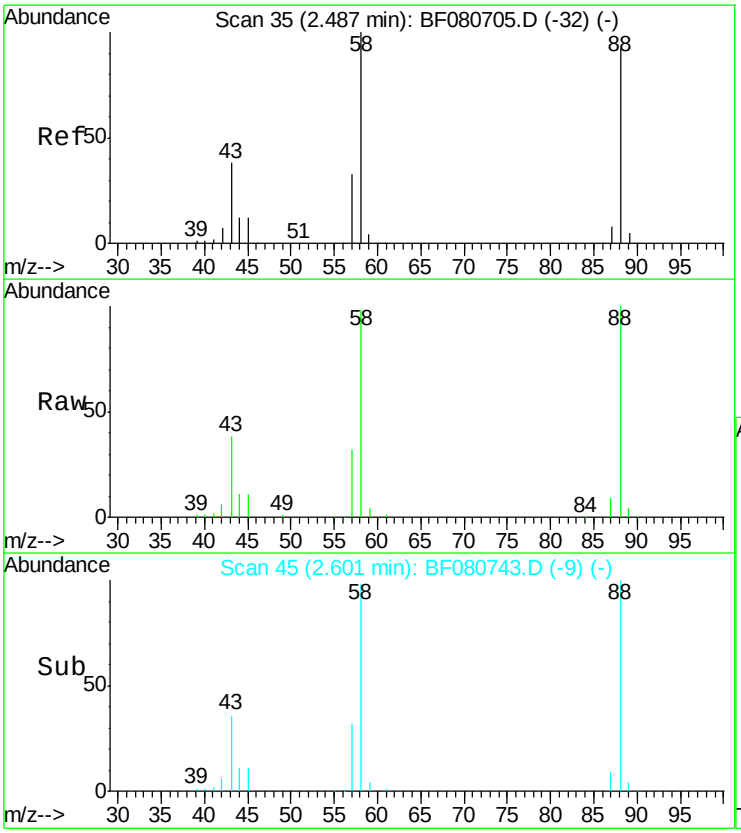
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion:152 Resp: 143118

Ion	Ratio	Lower	Upper
152	100		
150	156.1	129.6	194.4
115	64.9	56.6	85.0

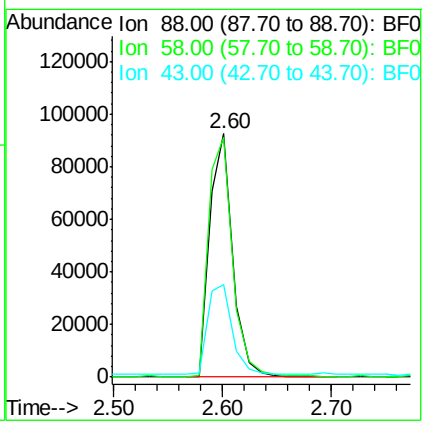


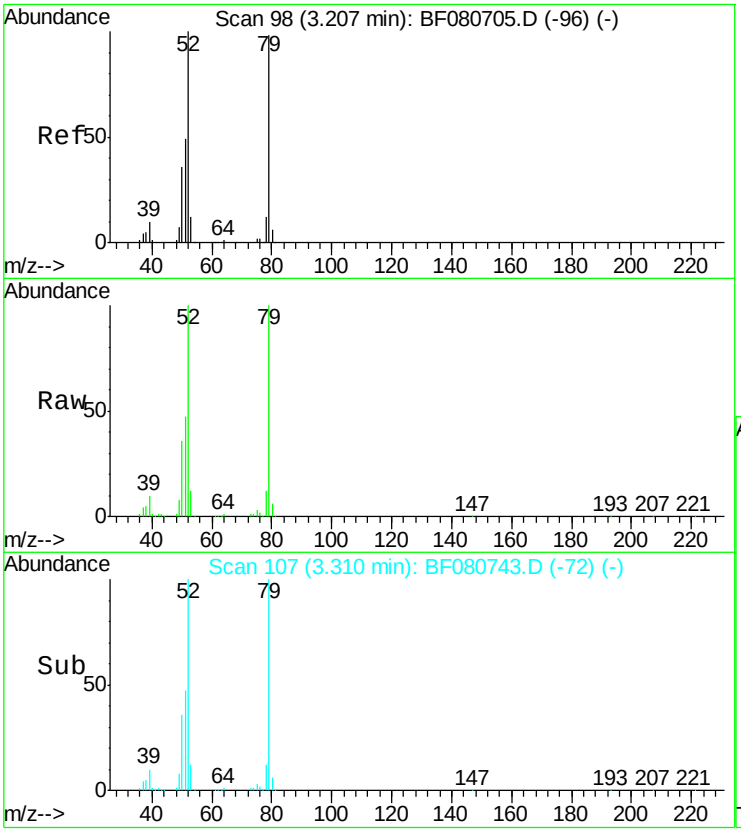


#2
1,4-Dioxane
Concen: 33.22 ng
RT: 2.60 min Scan# 45
Delta R.T. 0.11 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion: 88 Resp: 136663

Ion	Ratio	Lower	Upper
88	100		
58	104.3	82.3	123.5
43	40.7	31.7	47.5



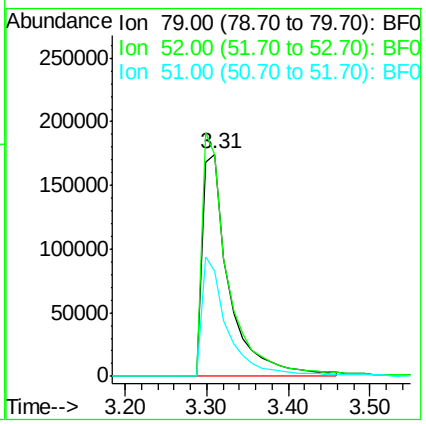


#3
Pyridine
Concen: 35.72 ng
RT: 3.31 min Scan# 107
Delta R.T. 0.10 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Instrument :
BNA_F
ClientSampleId :
PB84792BS

Tgt Ion: 79 Resp: 407713

Ion	Ratio	Lower	Upper
79	100		
52	99.7	81.6	122.4
51	47.2	40.2	60.2



#4
n-Nitrosodimethylamine
Concen: 37.81 ng
RT: 3.25 min Scan# 102
Delta R.T. 0.09 min
Lab File: BF080743.D
Acq: 31 Jul 2015 19:52

Tgt Ion: 42 Resp: 246733

Ion	Ratio	Lower	Upper
42	100		
74	101.7	81.5	122.3
44	7.3	5.6	8.4