

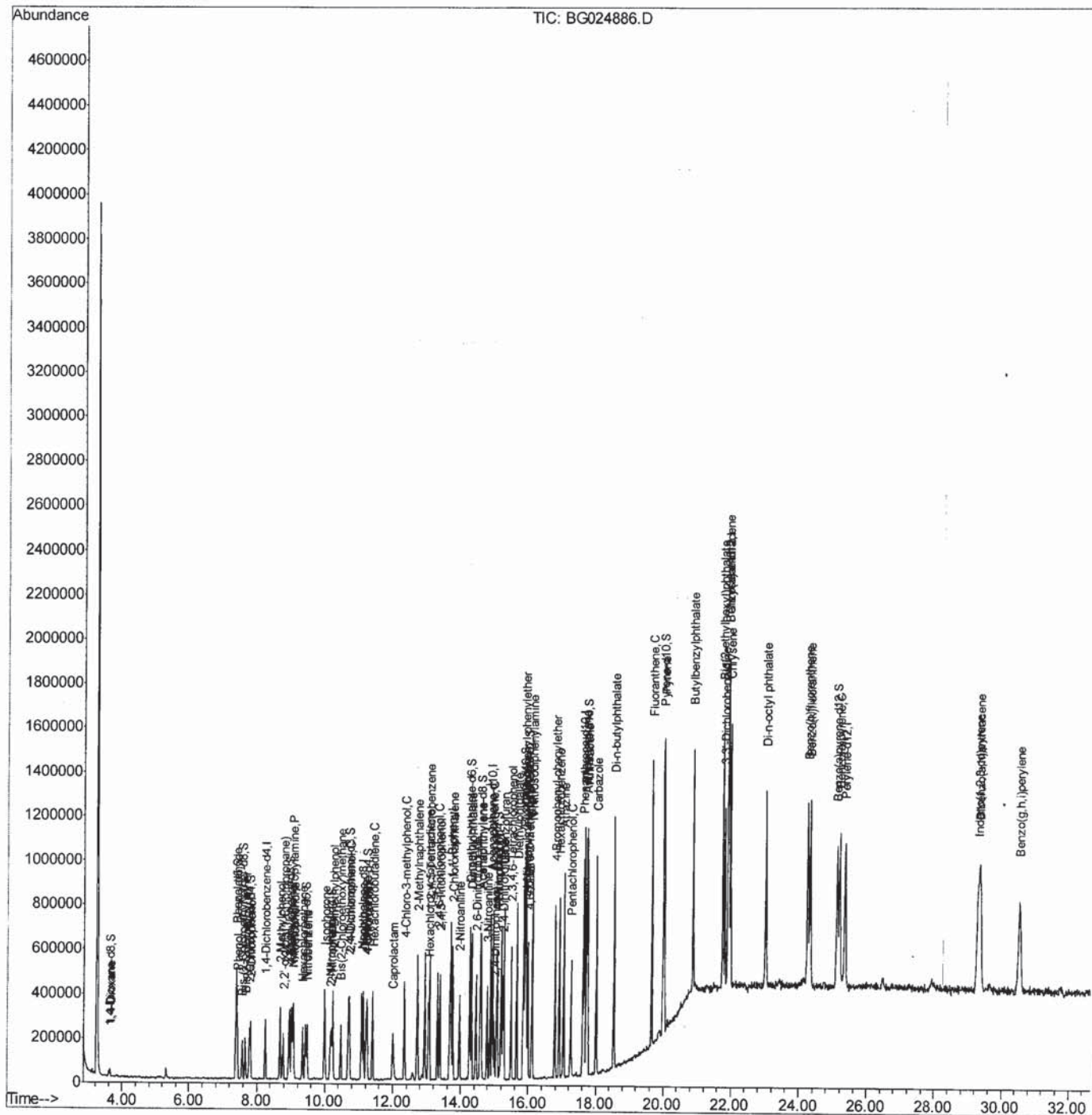
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Data Path   : Z:\HPCHEM1\BNA_G\DATA\BG112216\  
Data File  : BG024886.D  
Acq On     : 22 Nov 2016   11:45  
Operator   : UM/SJ  
Sample     : SSTDCCC020  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02023

Manual Integrations
APPROVED

sohil
11/23/2016 6:10:47 PM

Quant Time: Nov 22 23:50:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 01:29:33 2016
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	180624	21.13	ng/ul#	95
37) Hexachlorocyclopentadiene	13.05	237	101228	18.37	ng/ul	95
38) 2,4,6-Trichlorophenol	13.32	196	118522	22.79	ng/ul	87
39) 2,4,5-Trichlorophenol	13.39	196	132314	23.42	ng/ul	92
40) 1,1'-Biphenyl	13.72	154	370825	21.87	ng/ul	98
41) 2-Chloronaphthalene	13.76	162	290292	22.04	ng/ul	98
42) 2-Nitroaniline	13.97	65	120586	23.08	ng/ul	96
44) Dimethylphthalate	14.31	163	413044	22.41	ng/ul	96
45) 2,6-Dinitrotoluene	14.45	165	90300m	23.31	ng/ul	
47) Acenaphthylene	14.61	152	452637	22.34	ng/ul	97
48) 3-Nitroaniline	14.78	138	89036	24.87	ng/ul#	97
49) Acenaphthene	14.94	153	315121	21.97	ng/ul	97
50) 2,4-Dinitrophenol	15.00	184	58330	21.04	ng/ul#	75
52) 4-Nitrophenol	15.08	109	92528	22.61	ng/ul	89
53) Dibenzofuran	15.27	168	494650	22.54	ng/ul	98
54) 2,4-Dinitrotoluene	15.24	165	135149	23.07	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.50	232	138404	23.54	ng/ul#	95
56) Diethylphthalate	15.67	149	448736	22.92	ng/ul	99
58) Fluorene	15.92	166	404513	22.70	ng/ul#	96
59) 4-Chlorophenyl-phenylether	15.90	204	220789	21.92	ng/ul#	84
60) 4-Nitroaniline	15.94	138	94756	23.27	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.00	198	95447	21.80	ng/ul#	88
64) N-Nitrosodiphenylamine	16.12	169	384874	22.69	ng/ul	98
65) 4-Bromophenyl-phenylether	16.79	248	169190	22.16	ng/ul	95
66) Hexachlorobenzene	16.92	284	187656	22.21	ng/ul	95
67) Atrazine	17.05	200	180632	22.71	ng/ul	96
68) Pentachlorophenol	17.26	266	106064	21.26	ng/ul	92
69) Phenanthrene	17.66	178	690032	22.04	ng/ul	98
71) Anthracene	17.75	178	724549	22.38	ng/ul	98
72) Carbazole	18.02	167	620364	23.36	ng/ul	99
73) Di-n-butylphthalate	18.54	149	733611	21.92	ng/ul	99
74) Fluoranthene	19.66	202	848381	23.33	ng/ul	97
77) Pyrene	20.02	202	845254	22.13	ng/ul	97
78) Butylbenzylphthalate	20.88	149	330832	21.16	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.80	252	320999	21.48	ng/ul	99
80) Benzo(a)anthracene	21.89	228	918974	21.73	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.75	149	475803	22.24	ng/ul	98
82) Chrysene	21.97	228	857013	21.61	ng/ul	97
84) Di-n-octyl phthalate	23.03	149	802876	23.04	ng/ul	100
85) Benzo(b)fluoranthene	24.25	252	923180	21.29	ng/ul	100
86) Benzo(k)fluoranthene	24.32	252	881502	21.40	ng/ul	98
88) Benzo(a)pyrene	25.18	252	898367	21.40	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.30	276	1145589	21.83	ng/ul	96
90) Dibenzo(a,h)anthracene	29.36	278	961658	21.99	ng/ul	96
91) Benzo(g,h,i)perylene	30.54	276	929026	21.49	ng/ul	96

5.9
11/28/16

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	71257	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	307521	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	263455	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	627947	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	777268	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	823282	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	12962m	9.43	ng/uL	0.00
5) Phenol-d5	7.39	99	139926	22.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	82335	21.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	95647	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	114370	22.31	ng/ul	0.00
19) Nitrobenzene-d5	9.43	128	50820	21.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	59462	21.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	124673	22.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	143956	23.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	440398	22.93	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	471677	22.53	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	79096	23.14	ng/ul	0.00
57) Fluorene-d10	15.87	176	408744	22.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	90067	20.86	ng/ul	0.00
70) Anthracene-d10	17.72	188	622770	22.45	ng/ul	0.00
76) Pyrene-d10	19.99	212	739359	21.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	782512	21.71	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.64	88	14221	8.25	ng/uL	93
4) Benzaldehyde	7.39	77	99436	25.29	ng/ul	92
6) Phenol	7.42	94	136480	21.40	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.66	93	99778	21.98	ng/ul	93
10) 2-Chlorophenol	7.82	128	96599	22.81	ng/ul	96
11) 2-Methylphenol	8.69	108	105926	22.67	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.78	45	169847	22.04	ng/ul	96
14) Acetophenone	9.09	105	169784	21.99	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.06	70	102392	23.34	ng/ul	92
16) 4-Methylphenol	9.01	108	117580	23.27	ng/ul	98
17) Hexachloroethane	9.34	117	44266	22.84	ng/ul	91
20) Nitrobenzene	9.47	77	147497	21.34	ng/ul	98
21) Isophorone	9.99	82	287298	22.28	ng/ul	98
23) 2-Nitrophenol	10.20	139	60917	21.69	ng/ul#	80
24) 2,4-Dimethylphenol	10.23	107	142377	21.35	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.47	93	147413	21.77	ng/ul	97
27) 2,4-Dichlorophenol	10.72	162	121308	22.88	ng/ul	90
28) Naphthalene	11.14	128	314388	21.32	ng/ul	98
30) 4-Chloroaniline	11.24	127	140427	23.55	ng/ul	94
31) Hexachlorobutadiene	11.40	225	99190	21.31	ng/ul	92
32) Caprolactam	12.01	113	50655	24.24	ng/ul	93
33) 4-Chloro-3-methylphenol	12.34	107	145274	22.63	ng/ul	91
34) 2-Methylnaphthalene	12.72	142	257275	22.17	ng/ul	98

Quantitation Report (Qedit)

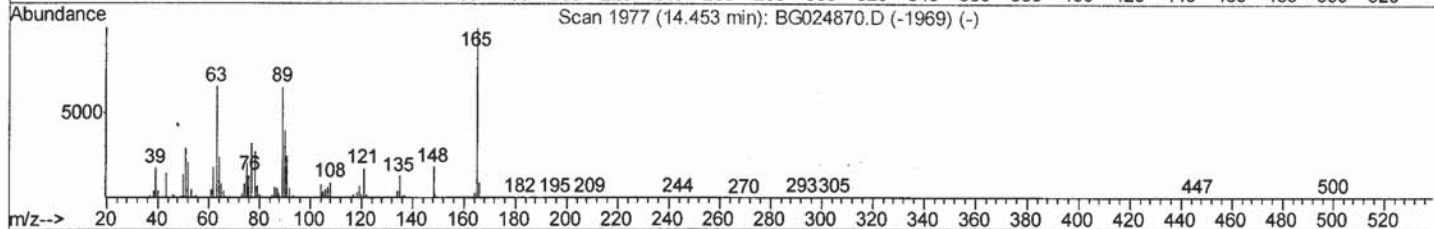
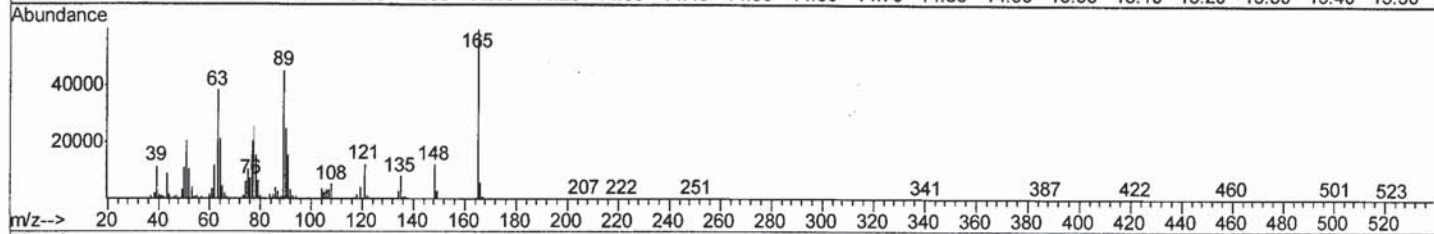
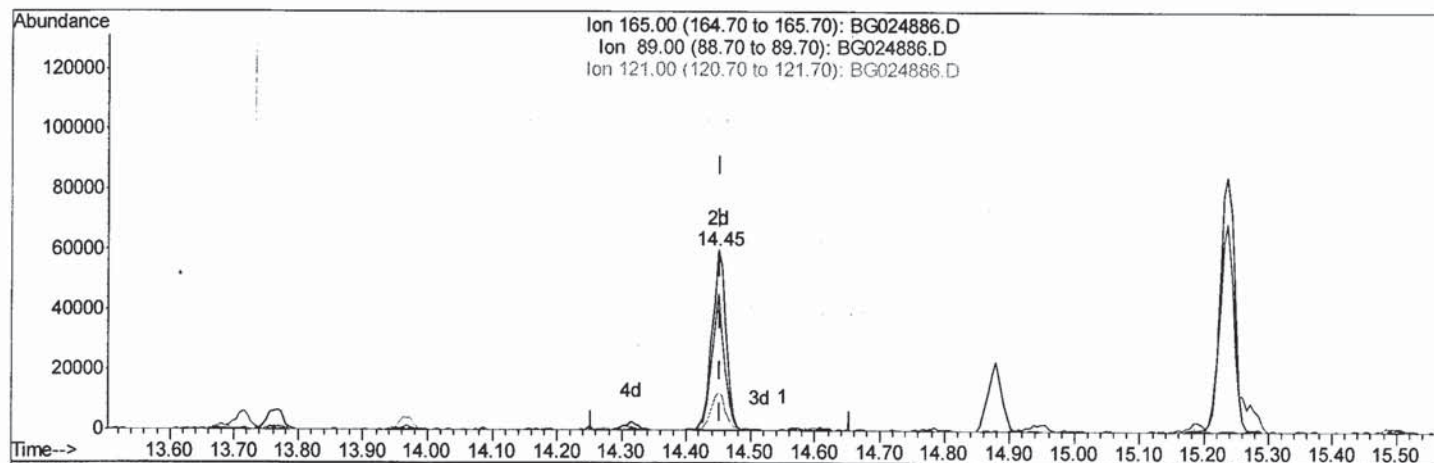
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TIC: BG024886.D

(45) 2,6-Dinitrotoluene

14.449min (-0.004) 23.31ng/ul m

response 90300

Ion	Exp%	Act%
165.00	100	100
89.00	66.10	75.65
121.00	27.80	20.81#
0.00	0.00	0.00

SJ
 11/22/16

Quantitation Report (Qedit)

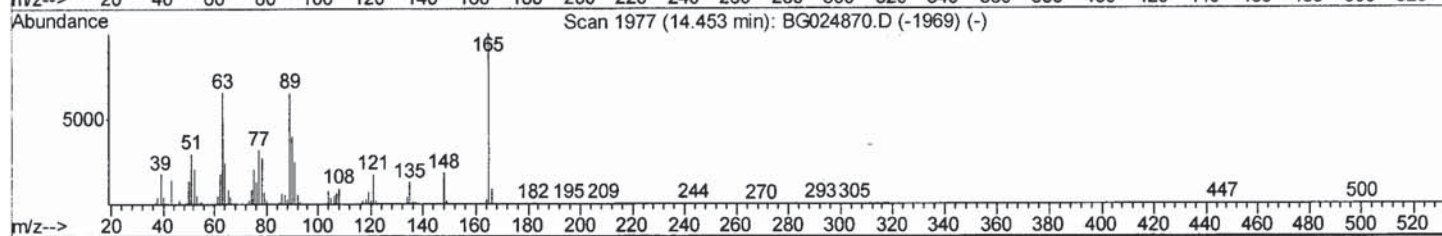
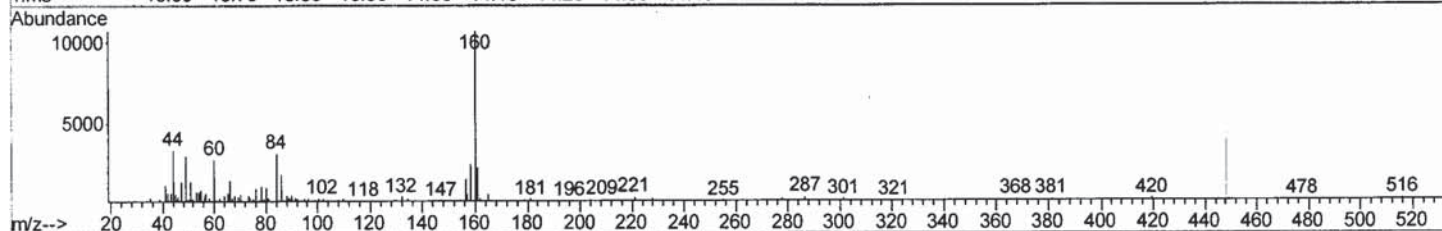
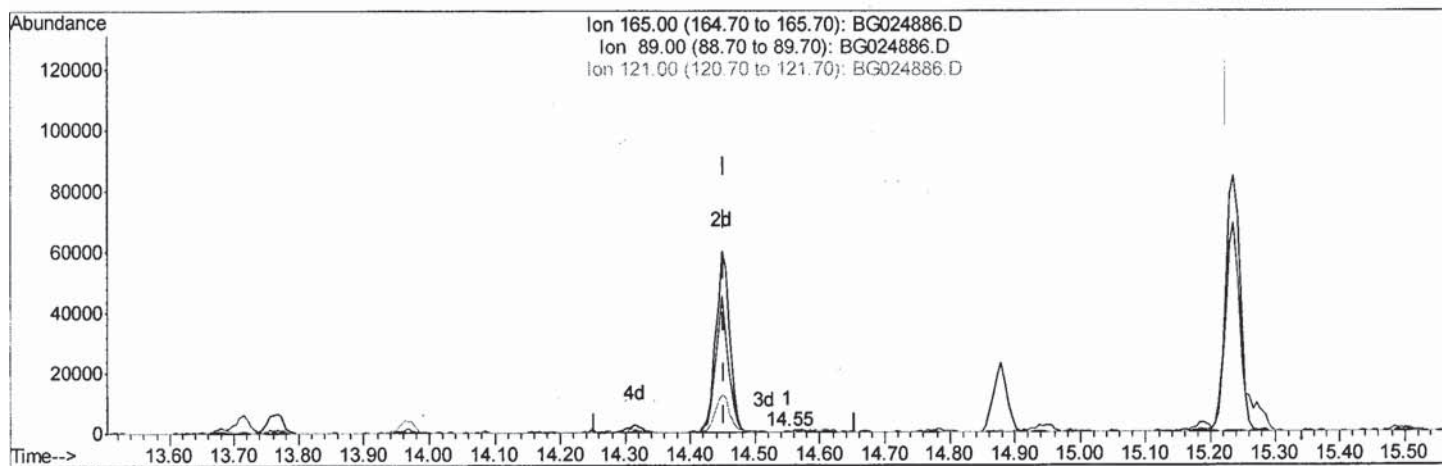
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TIC: BG024886.D

(45) 2,6-Dinitrotoluene

14.549min (+0.096) 0.05ng/ul

response 208

Ion	Exp%	Act%
165.00	100	100
89.00	66.10	63.16
121.00	27.80	26.83
0.00	0.00	0.00

Quantitation Report (Qedit)

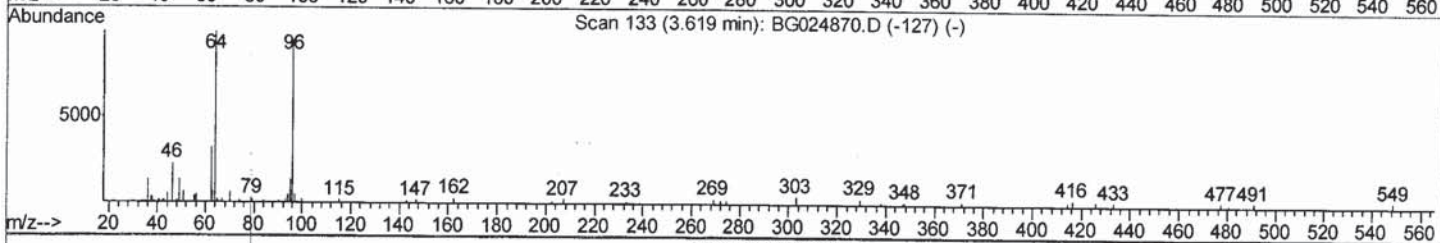
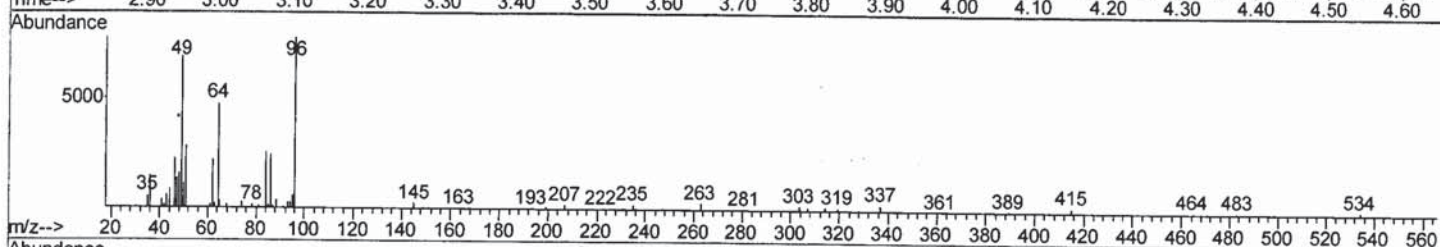
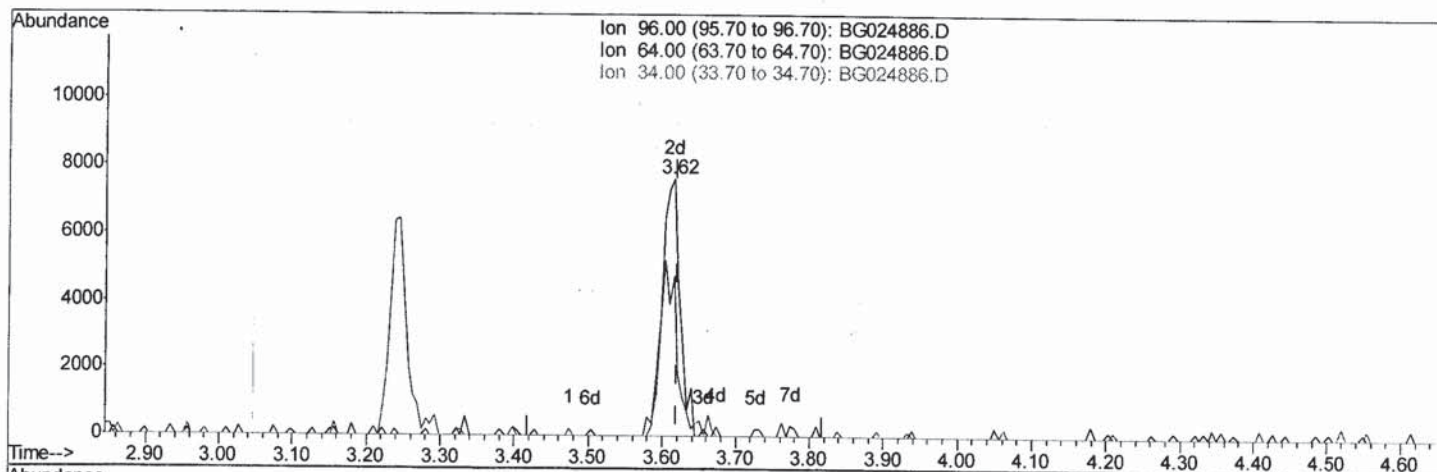
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(3) 1,4-Dioxane-d8 (S)

3.615min (-0.004) 9.43ng/uL m

response 12962

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	62.43#
34.00	0.00	0.00
0.00	0.00	0.00

> 9.7
 11/26/16

Quantitation Report (Qedit)

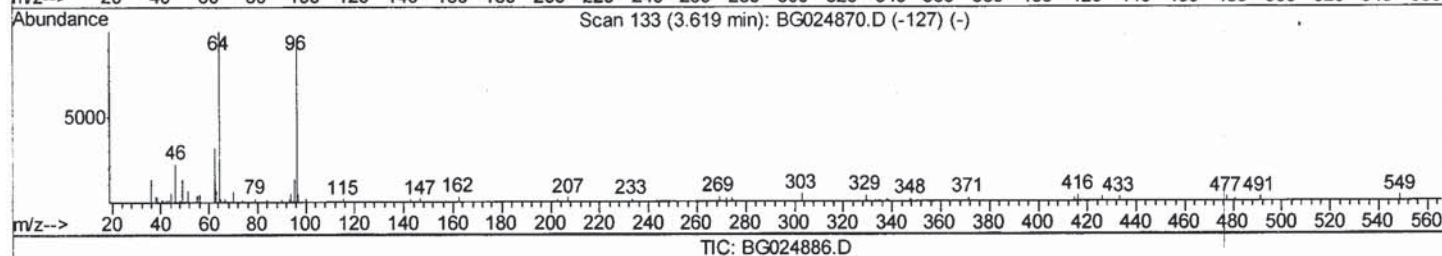
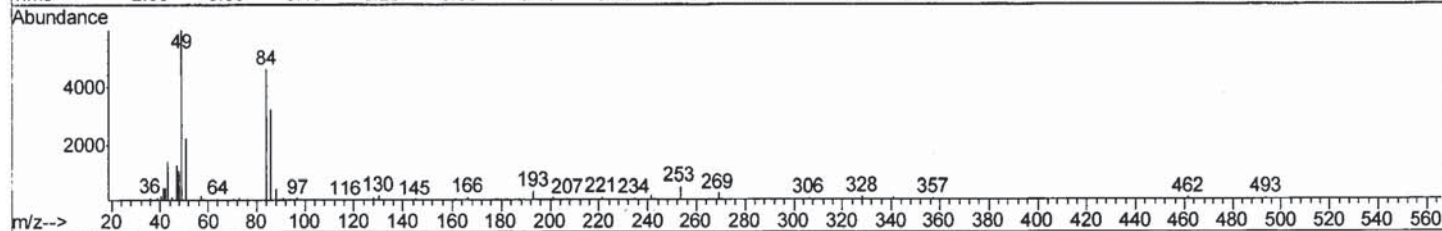
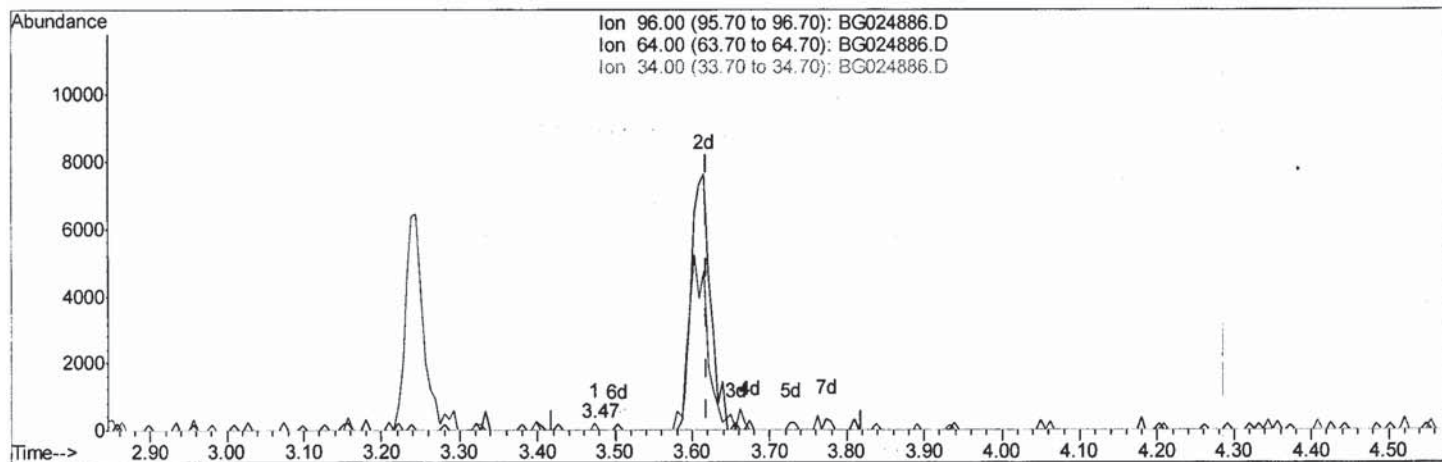
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(3) 1,4-Dioxane-d8 (S)

3.474min (-0.145) 0.06ng/uL

response 77

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	100.00
34.00	0.00	0.00
0.00	0.00	0.00