

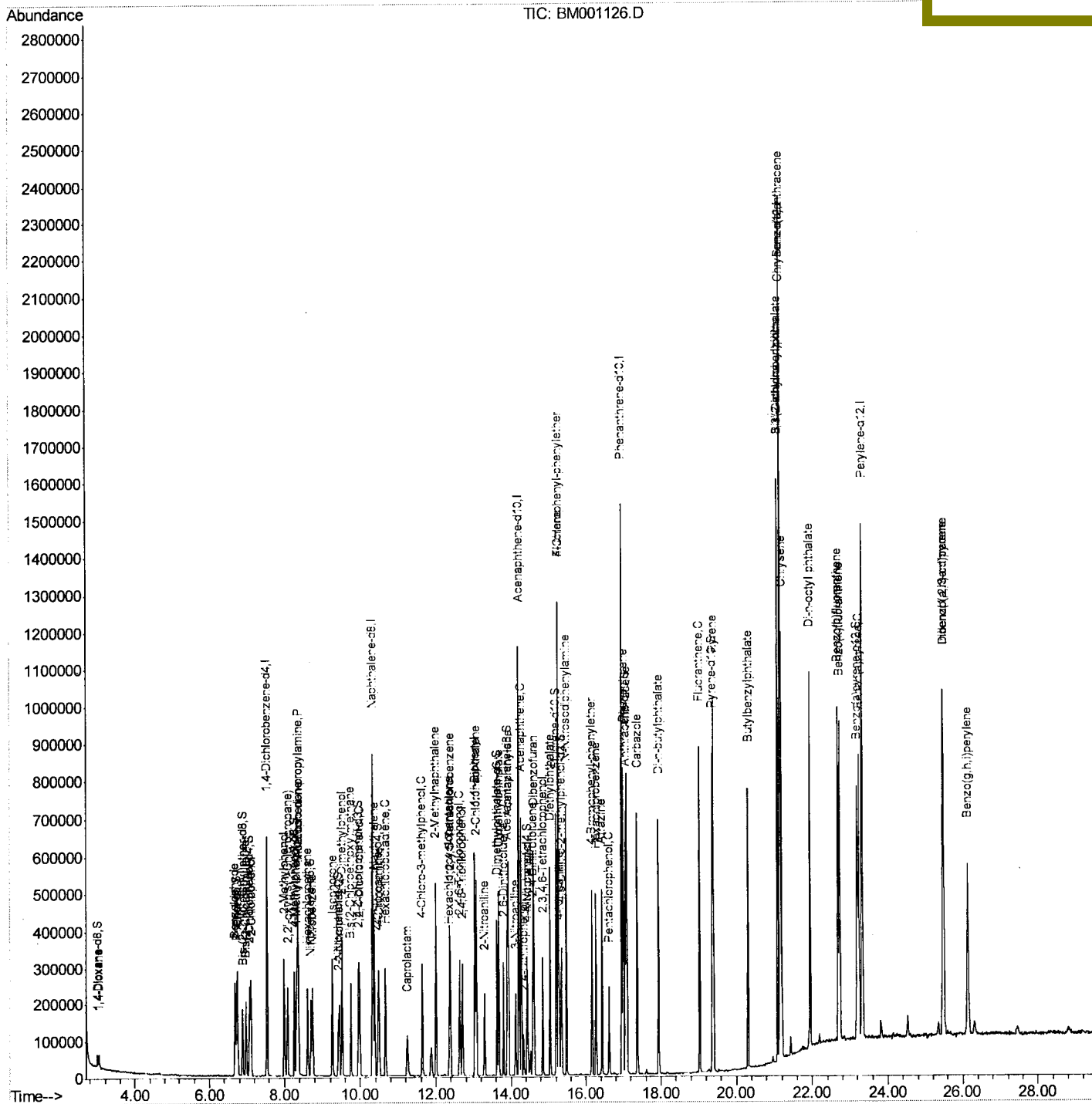
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Data Path   : Z:\HPCHEM1\BNA_M\Data\BM042815\  
Data File  : BM001126.D  
Acq On     : 27 Apr 2015   22:14  
Operator    : TP/IZ  
Sample     : SSTD01050  
Misc       :  
ALS Vial   : 14      Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
SSTD01050

Quant Time: Apr 28 05:48:46 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042815.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 28 04:01:47 2015
Response via : Initial Calibration

Manual Integrations

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	112150	9.92	ng/ul	99
37) Hexachlorocyclopentadiene	12.36	237	52602	8.25	ng/ul#	98
38) 2,4,6-Trichlorophenol	12.63	196	63823	9.28	ng/ul	98
39) 2,4,5-Trichlorophenol	12.70	196	73063	9.84	ng/ul	97
40) 1,1'-Biphenyl	13.03	154	303318	9.92	ng/ul	99
41) 2-Chloronaphthalene	13.07	162	236575	10.09	ng/ul	96
42) 2-Nitroaniline	13.29	65	59700	9.52	ng/ul	95
44) Dimethylphthalate	13.67	163	281023	10.17	ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	46585	9.09	ng/ul	89
47) Acenaphthylene	13.92	152	382072	10.08	ng/ul	99
48) 3-Nitroaniline	14.12	138	45801	9.04	ng/ul	94
49) Acenaphthene	14.27	153	252677	10.05	ng/ul	99
50) 2,4-Dinitrophenol	14.33	184	17672	5.87	ng/ul#	84
52) 4-Nitrophenol	14.44	109	38523	9.99	ng/ul	87
53) Dibenzofuran	14.61	168	353126	10.11	ng/ul	98
54) 2,4-Dinitrotoluene	14.59	165	73023	9.52	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.84	232	55446	9.12	ng/ul	94
56) Diethylphthalate	15.04	149	286011	10.33	ng/ul	98
58) Fluorene	15.26	166	291186	10.11	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	138791	10.08	ng/ul	99
60) 4-Nitroaniline	15.29	138	53493	8.66	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.35	198	41801	8.40	ng/ul#	96
64) N-Nitrosodiphenylamine	15.47	169	238722	9.65	ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	77108	9.82	ng/ul	95
66) Hexachlorobenzene	16.27	284	86787	9.80	ng/ul	95
67) Atrazine	16.43	200	76608	9.16	ng/ul	99
68) Pentachlorophenol	16.62	266	35924	7.33	ng/ul	95
69) Phenanthrene	17.00	178	456574	10.03	ng/ul	99
71) Anthracene	17.09	178	469820	10.13	ng/ul	100
72) Carbazole	17.36	167	413556	9.94	ng/ul	99
73) Di-n-butylphthalate	17.93	149	433928	9.43	ng/ul	100
74) Fluoranthene	19.03	202	511320	10.36	ng/ul	99
77) Pyrene	19.39	202	560927	9.74	ng/ul	97
78) Butylbenzylphthalate	20.30	149	180289	8.42	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.09	252	144029	9.66	ng/ul	97
80) Benzo(a)anthracene	21.14	228	539056	10.06	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.09	149	286133	8.85	ng/ul#	97
82) Chrysene	21.19	228	517805	10.13	ng/ul	99
84) Di-n-octyl phthalate	21.94	149	498472	8.33	ng/ul	100
85) Benzo(b)fluoranthene	22.67	252	540686	9.84	ng/ul	99
86) Benzo(k)fluoranthene	22.71	252	501359	9.74	ng/ul	99
88) Benzo(a)pyrene	23.23	252	507422	9.85	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.47	276	569396	10.08	ng/ul	97
90) Dibenzo(a,h)anthracene	25.47	278	476084	10.00	ng/ul	100
91) Benzo(g,h,i)perylene	26.13	276	480257	10.09	ng/ul	99

(#) = 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	7.54	152	153190	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	637461	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	363047	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	804582	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	914237	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	883758	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	13750	4.07	ng/uL	0.00
5) Phenol-d5	6.72	99	115348	9.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	78406	10.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	95079	9.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	94042	9.51	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	41159	9.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	43541	9.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	88935	9.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	110247	10.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	248128	10.06	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	349190	9.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	42634	8.63	ng/ul	0.00
57) Fluorene-d10	15.20	176	248705	10.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	36965	7.96	ng/ul	0.00
70) Anthracene-d10	17.06	188	370409	10.08	ng/ul	0.00
76) Pyrene-d10	19.36	212	401604	9.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	387347	9.68	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.03	88	15615m	4.45	ng/uL
4) Benzaldehyde	6.68	77	78088	10.02	ng/ul
6) Phenol	6.75	94	127133	9.64	ng/ul
8) Bis(2-Chloroethyl)ether	6.97	93	101908	9.85	ng/ul
10) 2-Chlorophenol	7.10	128	99991	9.57	ng/ul
11) 2-Methylphenol	7.99	108	91953	9.25	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.08	45	197624	10.75	ng/ul
14) Acetophenone	8.36	105	154580	9.86	ng/ul
15) N-Nitroso-di-n-propylamine	8.35	70	76049	9.77	ng/ul
16) 4-Methylphenol	8.32	108	101961	9.47	ng/ul
17) Hexachloroethane	8.60	117	41001	10.00	ng/ul
20) Nitrobenzene	8.73	77	118271	10.41	ng/ul
21) Isophorone	9.26	82	197295	9.87	ng/ul
23) 2-Nitrophenol	9.45	139	51639	9.73	ng/ul
24) 2,4-Dimethylphenol	9.52	107	113982	10.10	ng/ul
25) Bis(2-Chloroethoxy)methane	9.75	93	134311	10.26	ng/ul
27) 2,4-Dichlorophenol	9.98	162	91428	9.75	ng/ul
28) Naphthalene	10.37	128	336548	10.09	ng/ul
30) 4-Chloroaniline	10.49	127	114412	10.84	ng/ul
31) Hexachlorobutadiene	10.66	225	56701	10.03	ng/ul
32) Caprolactam	11.23	113	23022	8.55	ng/ul
33) 4-Chloro-3-methylphenol	11.63	107	97847	10.03	ng/ul
34) 2-Methylnaphthalene	12.00	142	231645	9.95	ng/ul

TP
 04/30/15

Quantitation Report (Qedit)

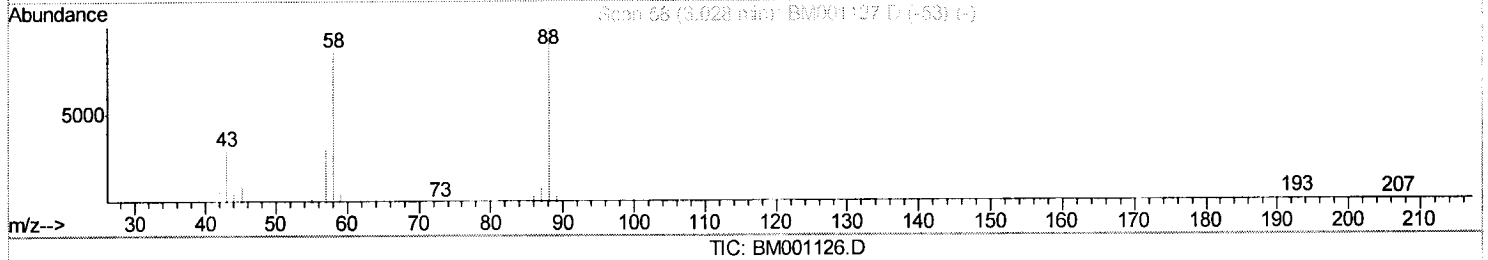
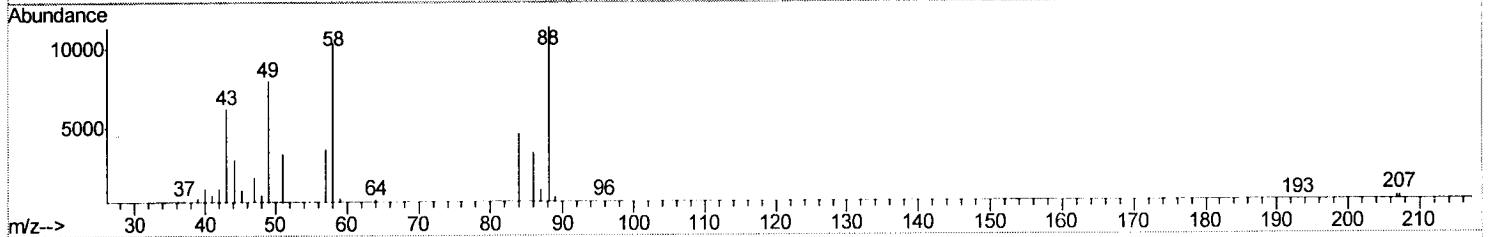
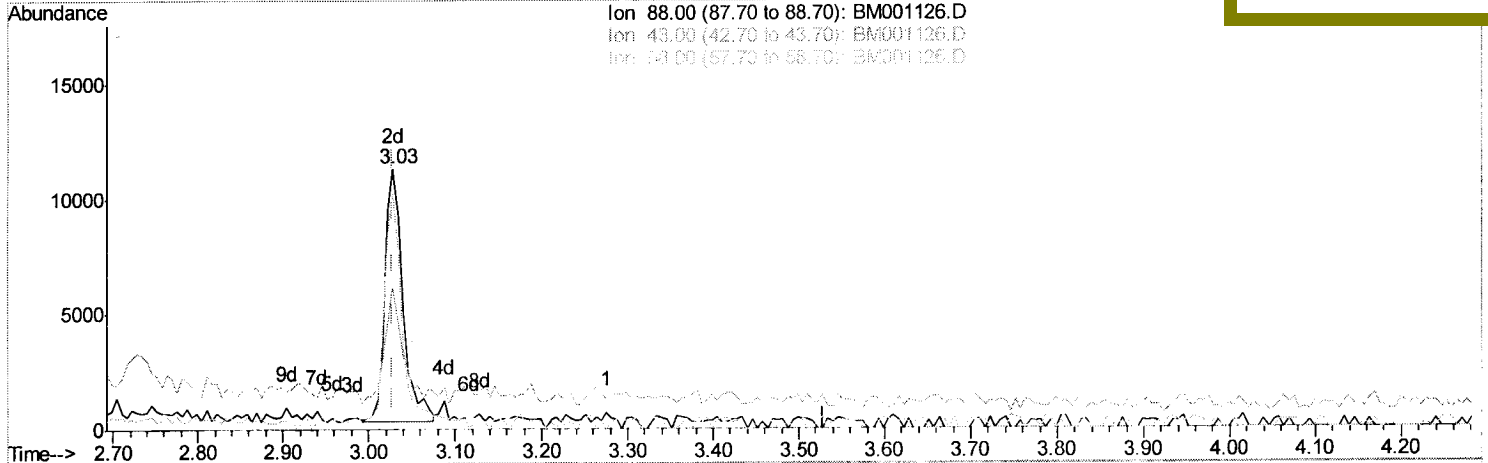
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(2) 1,4-Dioxane

3.028min (-0.000) 4.45ng/uL m

response 15615

Ion	Exp%	Act%
88.00	100	100
43.00	37.20	1.49#
58.00	96.10	3.46#
0.00	0.00	0.00

TP
 04/30/15

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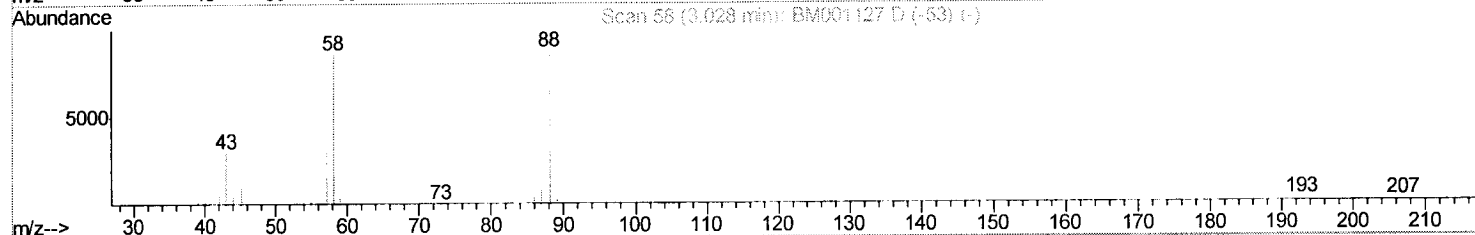
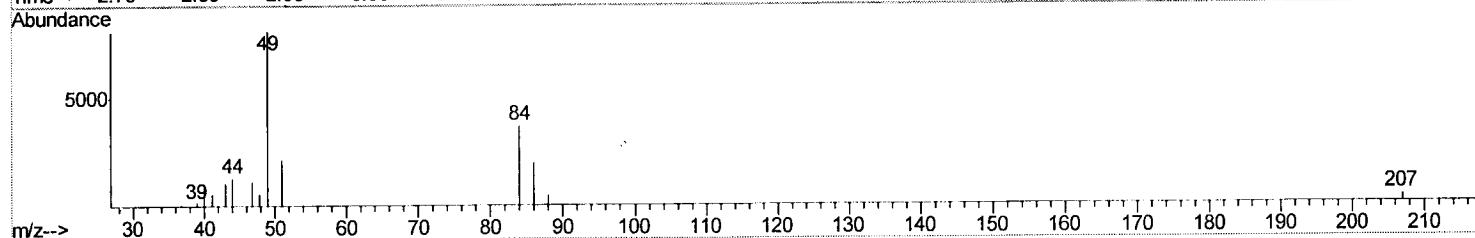
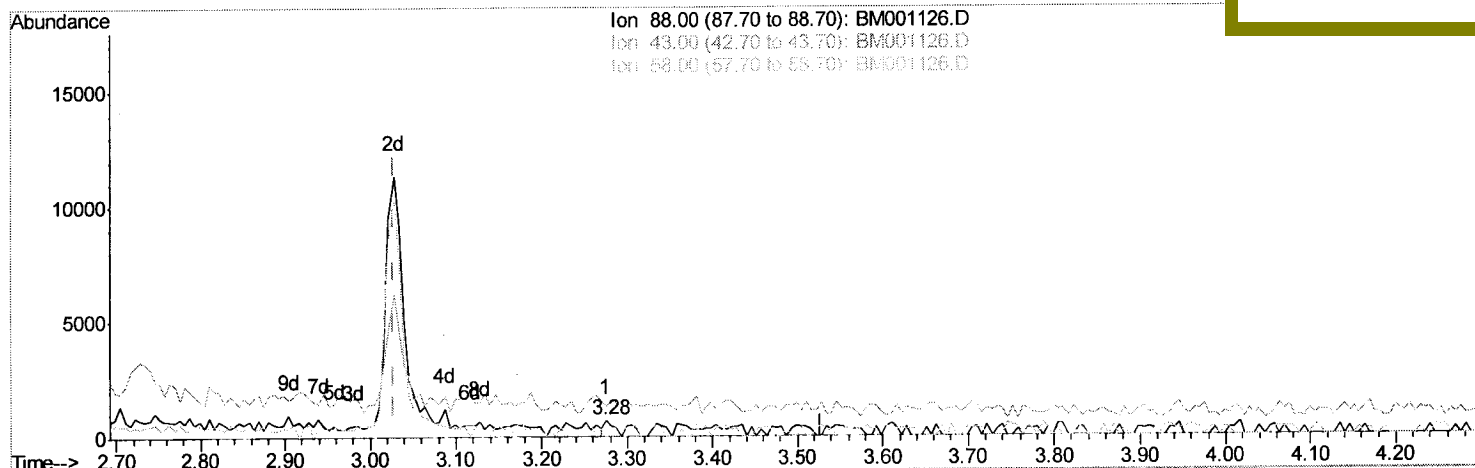
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(2) 1,4-Dioxane

3.275min (+0.247) 0.16ng/uL

response 564

Ion	Exp%	Act%
88.00	100	100
43.00	37.20	41.31
58.00	96.10	95.74
0.00	0.00	0.00