

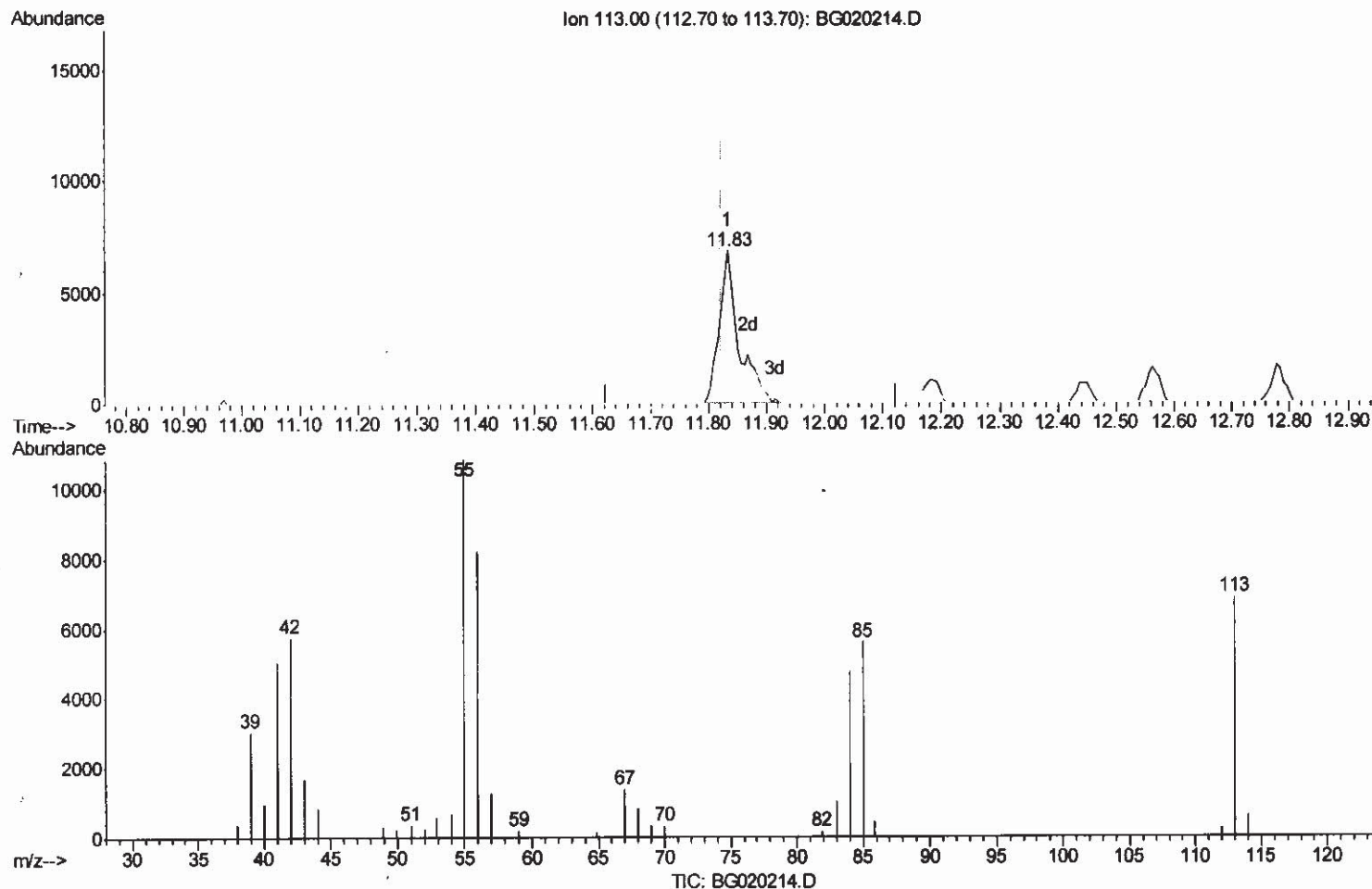
Data Path : Z:\HPCHEM1\BNA G\Data\BG121615\
Data File : BG020214.D
Acq On : 16 Dec 2015 7:10
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02038

Quant Time: Dec 16 07:49:27 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 16 03:45:51 2015
Response via : Initial Calibration

Manual Integrations
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(32) Caprolactam

11.832min (+0.010) 21.30ng/ul m

response 16182

Ion	Exp%	Act%
113.00	100	100
55.00	165.10	158.42
56.00	129.10	119.66
0.00	0.00	0.00

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12/18/15

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Internal Standards R.T. QIon Response Conc Units Dev(Min)

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	93649	20.47	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	69821	20.75	ng/ul	99
38) Hexachlorocyclopentadiene	12.91	237	39406	18.94	ng/ul	96
39) 2,4,6-Trichlorophenol	13.16	196	44774	20.75	ng/ul	97
40) 2,4,5-Trichlorophenol	13.24	196	51719	21.56	ng/ul	99
41) 1,1'-Biophenyl	13.56	154	137774	20.37	ng/ul	97
42) 2-Chloronaphthalene	13.61	162	109825	20.28	ng/ul	97
43) 2-Nitroaniline	13.81	65	38427	20.87	ng/ul	94
45) Dimethylphthalate	14.18	163	153638	20.74	ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	31997	20.88	ng/ul	99
48) Acenaphthylene	14.45	152	185082	20.65	ng/ul	100
49) 3-Nitroaniline	14.63	138	33176	22.30	ng/ul	94
50) Acenaphthene	14.79	153	124745	20.68	ng/ul	95
51) 2,4-Dinitrophenol	14.83	184	20027	22.97	ng/ul	92
53) 4-Nitrophenol	14.93	109	24931	19.93	ng/ul	94
54) Dibenzofuran	15.12	168	182517	20.34	ng/ul	98
55) 2,4-Dinitrotoluene	15.08	165	49137	21.85	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.35	232	50232	21.78	ng/ul#	97
57) Diethylphthalate	15.53	149	158838	20.66	ng/ul	99
59) Fluorene	15.77	166	149144	20.70	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.76	204	84223	20.73	ng/ul	97
61) 4-Nitroaniline	15.79	138	35021	21.78	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.85	198	31431	20.95	ng/ul	100
65) N-Nitrosodiphenylamine	15.97	169	136123	20.77	ng/ul	97
66) 4-Bromophenyl-phenylether	16.66	248	57721	20.86	ng/ul	99
67) Hexachlorobenzene	16.77	284	62710	21.11	ng/ul	95
68) Atrazine	16.91	200	58840	21.05	ng/ul	98
69) Pentachlorophenol	17.11	266	37728	21.06	ng/ul	96
70) Phenanthrene	17.51	178	266081	20.64	ng/ul	100
72) Anthracene	17.60	178	269436	20.60	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	74387	20.15	ng/ul	95
74) Pentachlorobenzene	15.04	250	70579	20.61	ng/ul	93
75) Carbazole	17.87	167	227719	20.72	ng/ul	99
76) Di-n-butylphthalate	18.42	149	266521	20.88	ng/ul	100
77) Fluoranthene	19.52	202	319340	21.19	ng/ul	98
80) Perylene	19.88	202	323807	19.94	ng/ul	99
81) Butylbenzylphthalate	20.75	149	117028	20.74	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.63	252	102860	20.98	ng/ul	98
83) Benzo(a)anthracene	21.72	228	321396	20.53	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	166438	20.63	ng/ul	99
85) Chrysene	21.79	228	299058	20.28	ng/ul	99
87) Di-n-octyl phthalate	22.84	149	281438	20.33	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	307160	20.26	ng/ul	97
89) Benzo(k)fluoranthene	24.04	252	296710	20.39	ng/ul	99
91) Benzo(a)pyrene	24.85	252	295551	20.56	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.74	276	349587m	20.42	ng/ul	
93) Dibenzo(a,h)anthracene	28.80	278	292256	20.57	ng/ul	99
94) Benzo(a,h,i)perylene	29.90	276	281632	20.07	ng/ul	99

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 12/17/15

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	26724	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	119284	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	89659	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	235710	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	268317	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	251923	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.47	96	3667	7.58	ng/uL	0.00
5) Phenol-d5	7.25	99	47651	20.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	28284	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	35400	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	41089	20.39	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	19534	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	22512	21.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	44703	21.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	53557	22.75	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	150867	20.80	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	173326	20.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	26629	20.47	ng/ul	0.00
58) Fluorene-d10	15.72	176	136346	20.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	30104	21.54	ng/ul	0.00
71) Anthracene-d10	17.57	188	222328	20.47	ng/ul	0.00
79) Pyrene-d10	19.85	212	250775	20.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	258202	20.55	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.51	88	5196m	7.27	ng/ul 98
4) Benzaldehyde	7.23	77	32783	21.49	ng/ul 97
6) Phenol	7.27	94	51780	20.52	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.51	93	34390	19.86	ng/ul 98
10) 2-Chlorophenol	7.66	128	37666	20.99	ng/ul 97
11) 2-Methylphenol	8.54	108	39695	20.62	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.63	45	49124	19.70	ng/ul 99
14) Acetophenone	8.92	105	64393	20.41	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.91	70	34096	20.41	ng/ul 99
16) 4-Methylphenol	8.87	108	43807	20.56	ng/ul 97
17) Hexachloroethane	9.19	117	14785	19.60	ng/ul 97
20) Nitrobenzene	9.31	77	50411	20.46	ng/ul 96
21) Isophorone	9.83	82	94123	20.01	ng/ul 96
23) 2-Nitrophenol	10.02	139	24510	22.09	ng/ul 99
24) 2,4-Dimethylphenol	10.08	107	51706	20.52	ng/ul 95
25) Bis(2-Chloroethoxy)methane	10.31	93	50916	19.98	ng/ul 96
27) 2,4-Dichlorophenol	10.56	162	45490	21.13	ng/ul 99
28) Naphthalene	10.96	128	126813	20.36	ng/ul 99
30) 4-Chloroaniline	11.07	127	53314	22.18	ng/ul 90
31) Hexachlorobutadiene	11.24	225	32153	20.04	ng/ul 93
32) Caprolactam	11.83	113	16182m	21.30	ng/ul 97
33) 4-Chloro-3-methylphenol	12.18	107	54137	21.16	ng/ul 97
34) 2-Methylnaphthalene	12.56	142	97730	20.54	ng/ul

U-21
 12/17/15

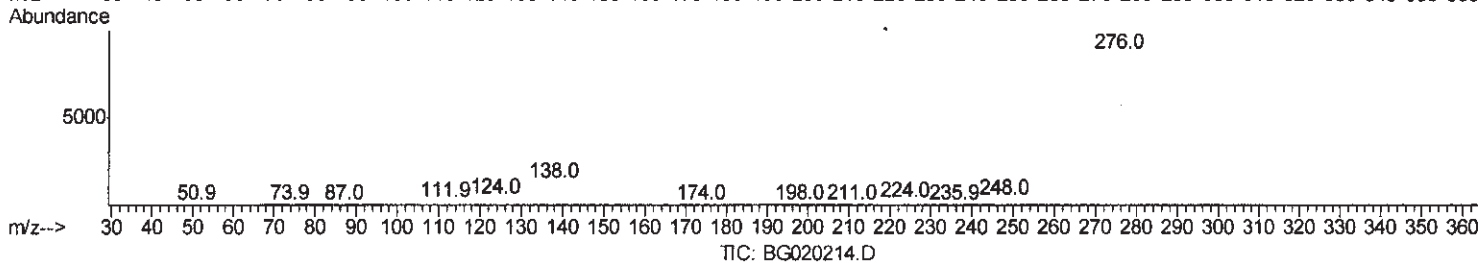
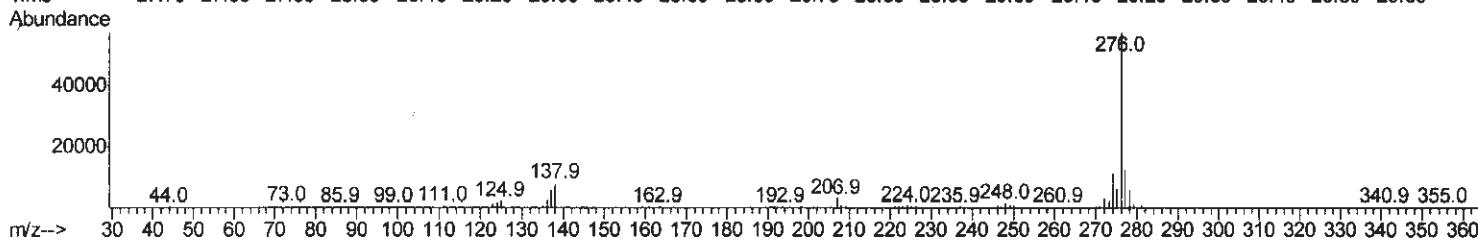
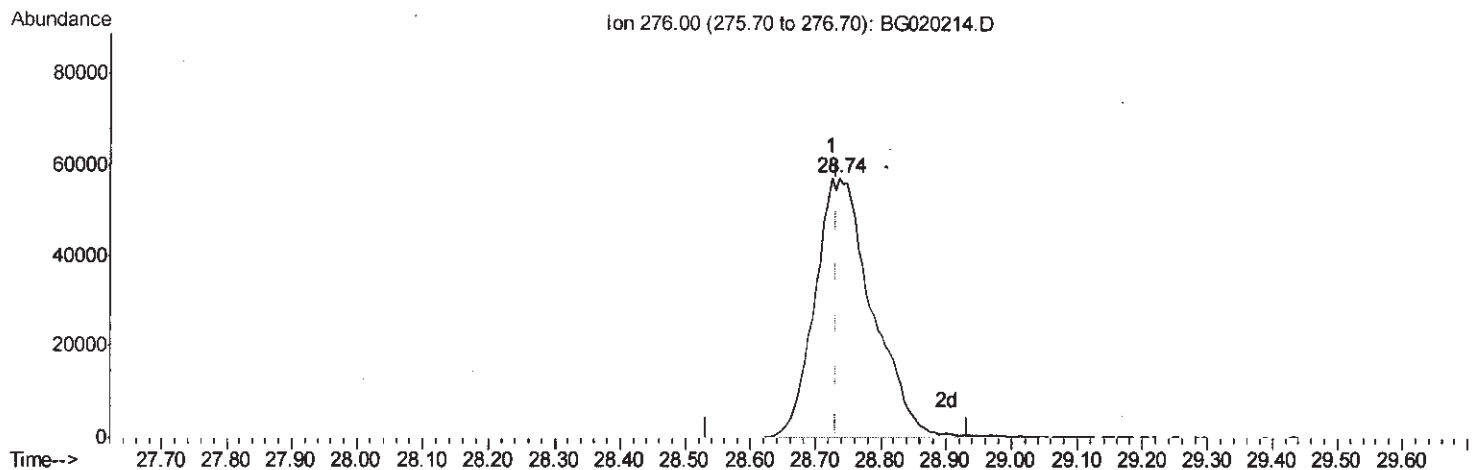
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(92) Indeno(1,2,3-cd)pyrene

28.736min (+0.004) 20.42ng/ul m

response 349587

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	14.19
277.00	21.70	22.36
0.00	0.00	0.00

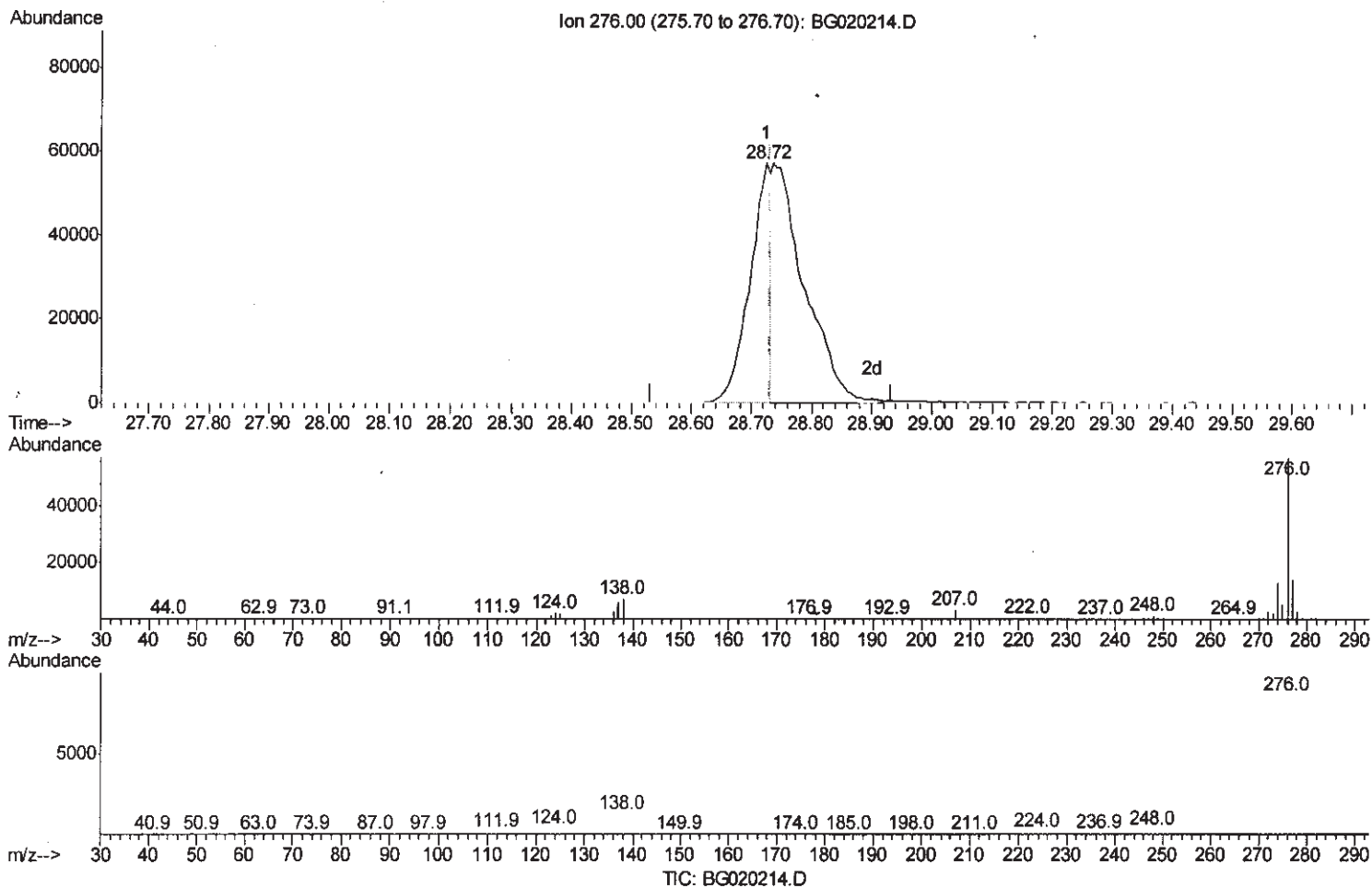
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(92) Indeno(1,2,3-cd)pyrene

28.724min (-0.008) 7.98ng/ul

response 136618

Ion	Exp%	Act%
276.00	100	100
138.00	14.20	12.57
277.00	21.70	24.99
0.00	0.00	0.00

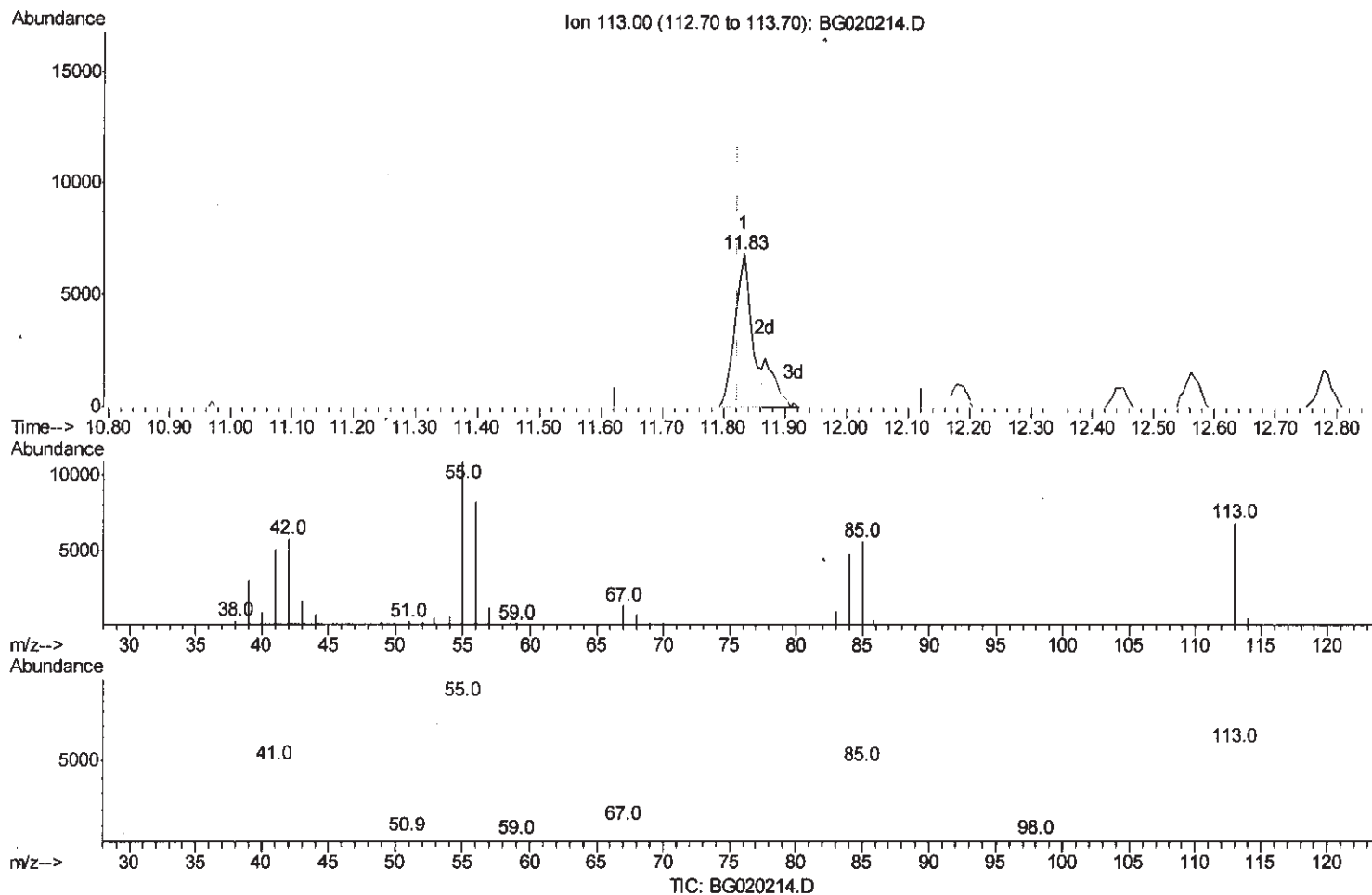
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(32) Caprolactam

11.832min (+0.010) 17.37ng/ul

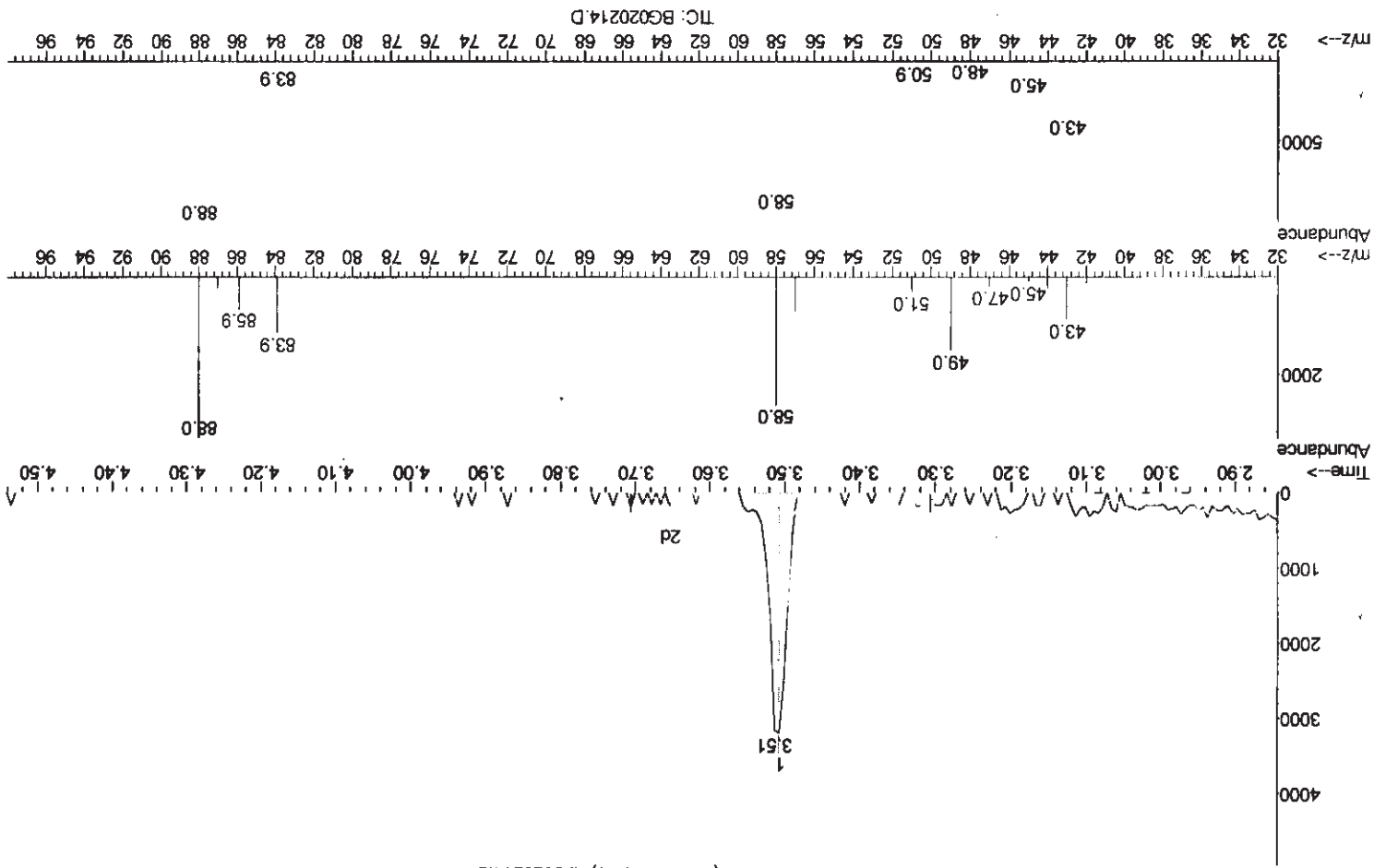
response 13199

Ion	Exp%	Act%
113.00	100	100
55.00	165.10	158.42
56.00	129.10	119.66
0.00	0.00	0.00

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Ion 88.00 (87.70 to 88.70): BG020214.D



(2) 1,4-Dioxane
3.507min (-0.002) 7.27ng/uL m
response 5196
Ion Exp%
Act%
88.00 100
43.00 29.87
58.00 80.31

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Instrument :
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LabSampleId :
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SOM02.2-EPA-BG121415.M Wed Dec 16 07:45:52 2015

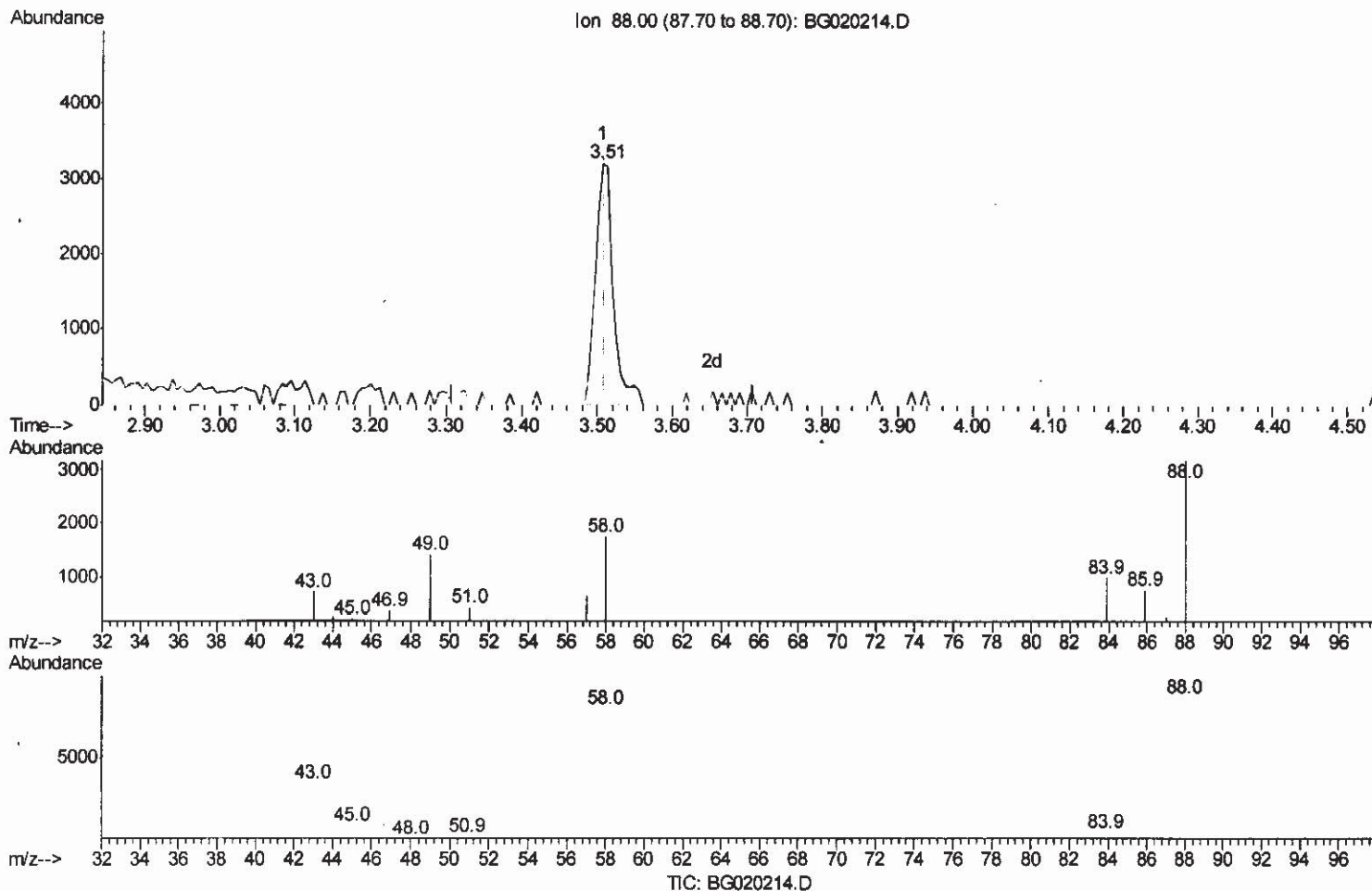
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(2) 1,4-Dioxane

3.507min (-0.002) 7.04ng/uL

response 5032

Ion	Exp%	Act%
88.00	100	100
43.00	34.80	29.87
58.00	74.90	80.31
0.00	0.00	0.00