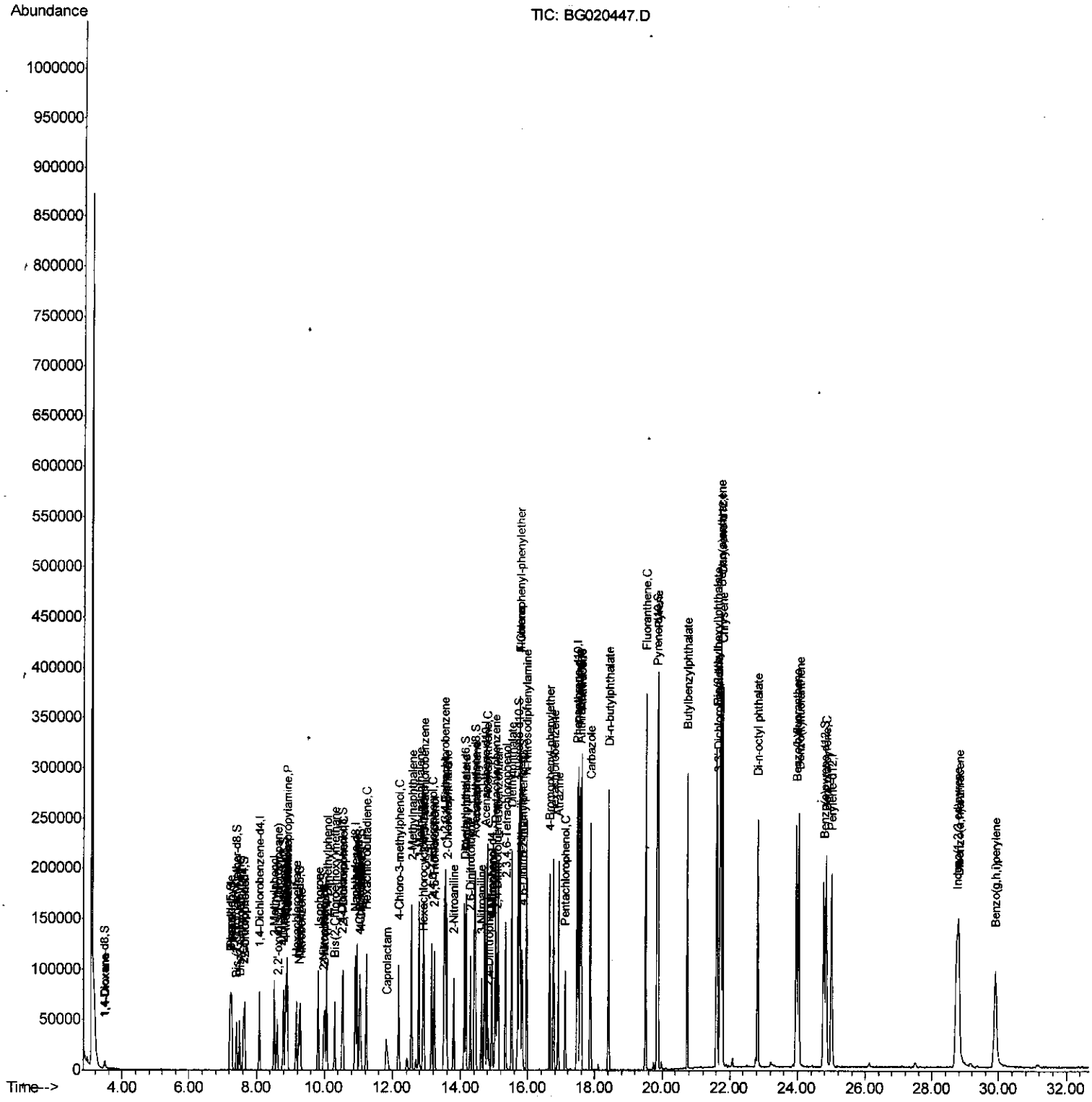
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122215\
Data File : BG020447.D
Acq On : 23 Dec 2015 17:28
Operator : UM/SJ
Sample : SSTDCCC020EC

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 18:12:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
Response via : Initial Calibration



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Data File : BG020447.D
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Sample : SSTDCCC020EC

Misc :
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Quant Time: Dec 23 18:05:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
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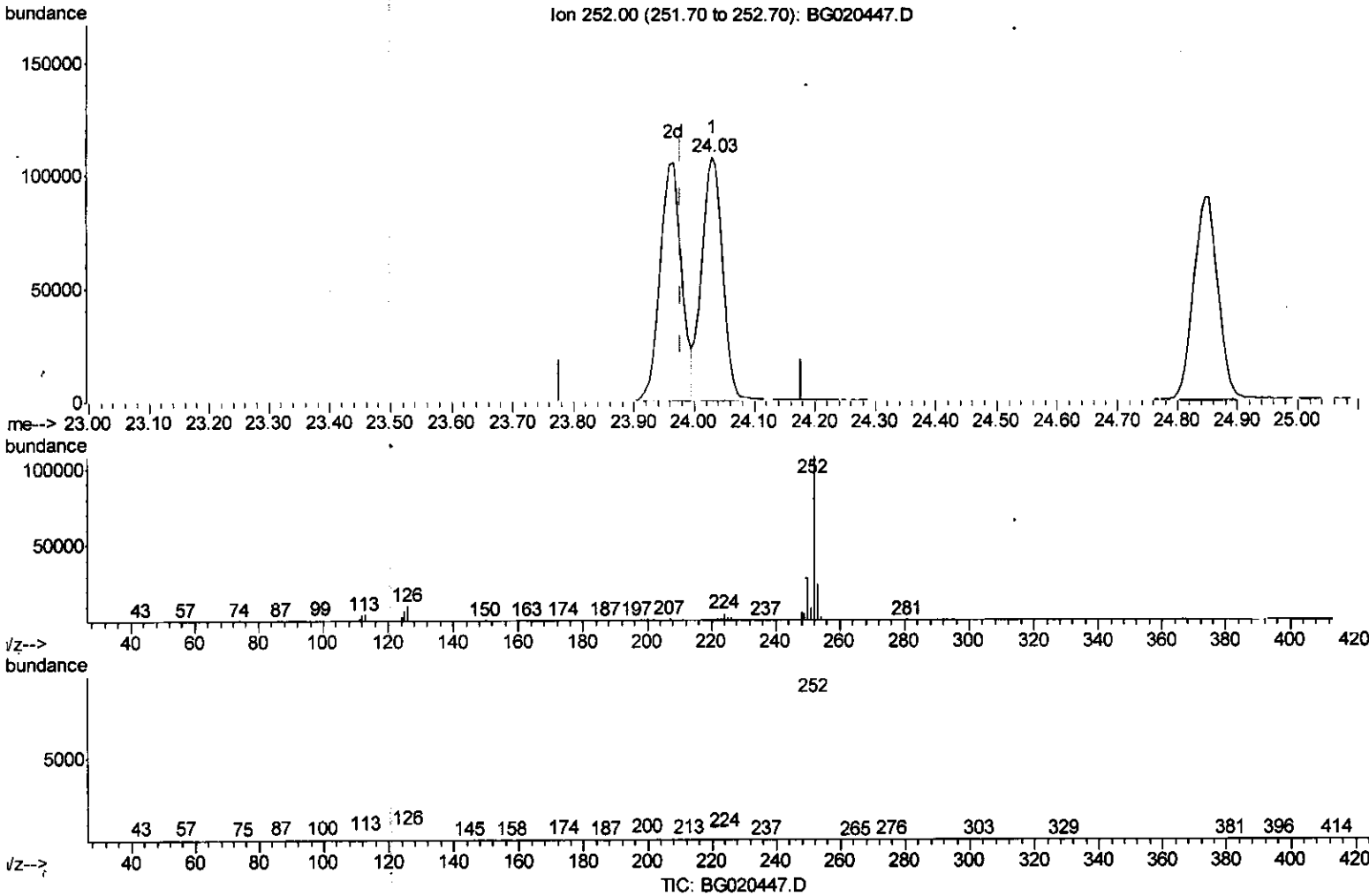

(88) Benzo(b)fluoranthene

24.030min (+0.052) 19.83ng/ul

response 256708

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	22.28
125.00	7.70	6.37
0.00	0.00	0.00

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Misc :
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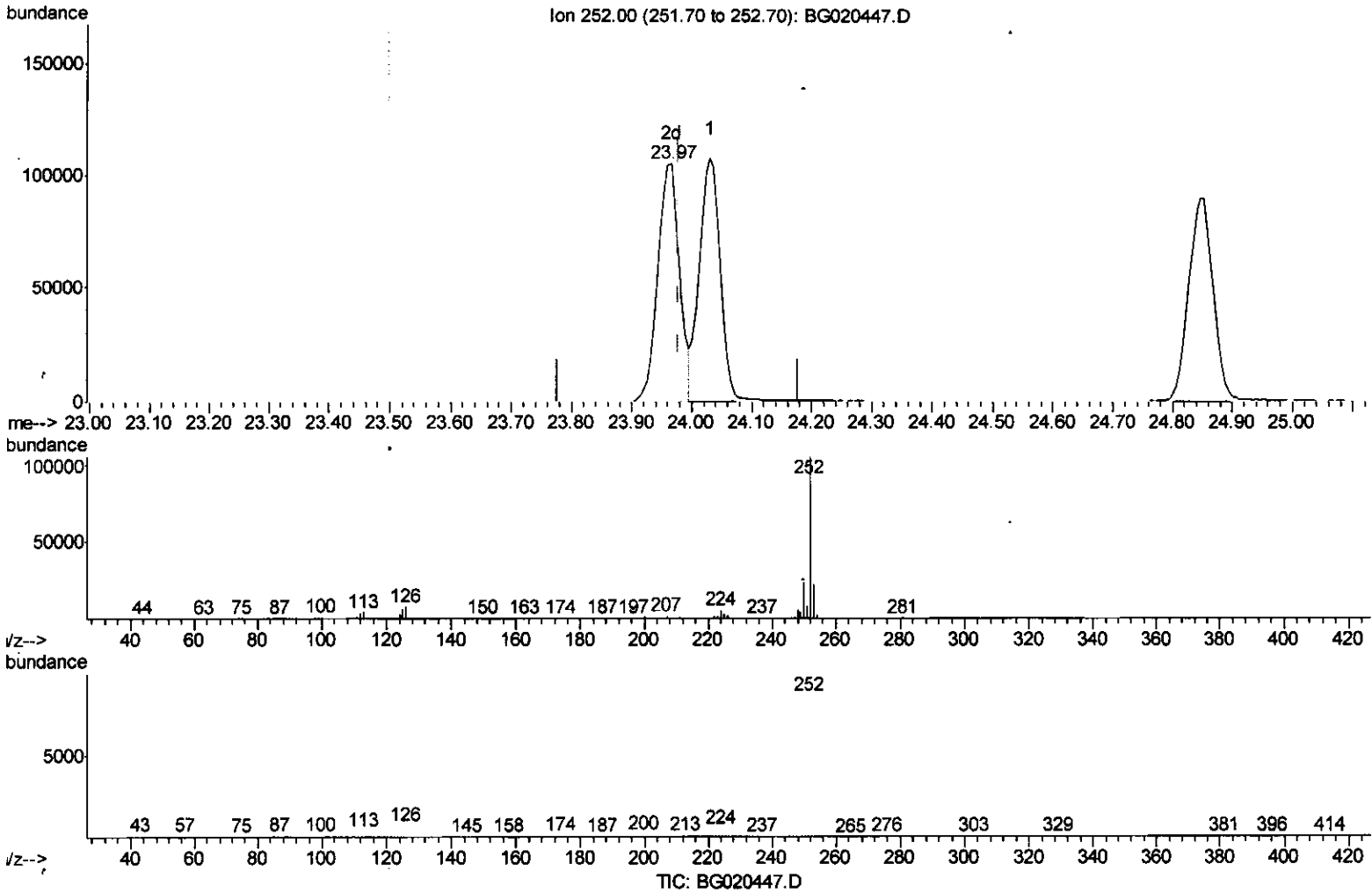

(88) Benzo(b)fluoranthene

23.966min (-0.012) 20.27ng/ul m

response 262305

Ion	Exp%	Act%
252.00	100	100
253.00	20.90	21.03
125.00	7.70	6.02#
0.00	0.00	0.00

12/23/15

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122215\
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Sample : SSTDCCC020EC

Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 23 18:05:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 22 05:02:37 2015
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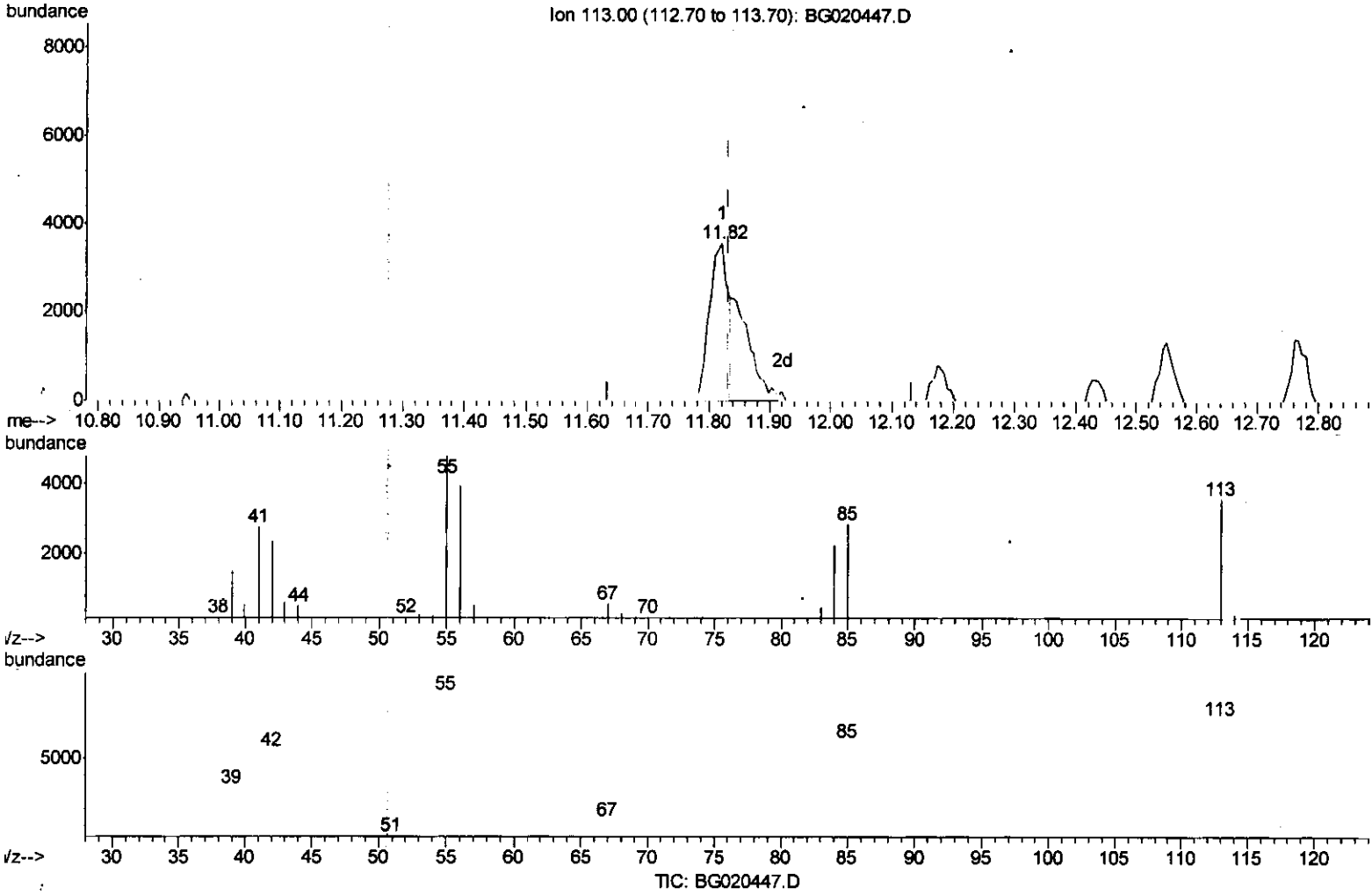

(32) Caprolactam

11.821min (-0.012) 11.46ng/ul

response 7261

Ion	Exp%	Act%
113.00	100	100
55.00	165.10	134.14
56.00	129.10	110.43
0.00	0.00	0.00

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Sample : SSTDCCC020EC

Misc :
ALS Vial : 2 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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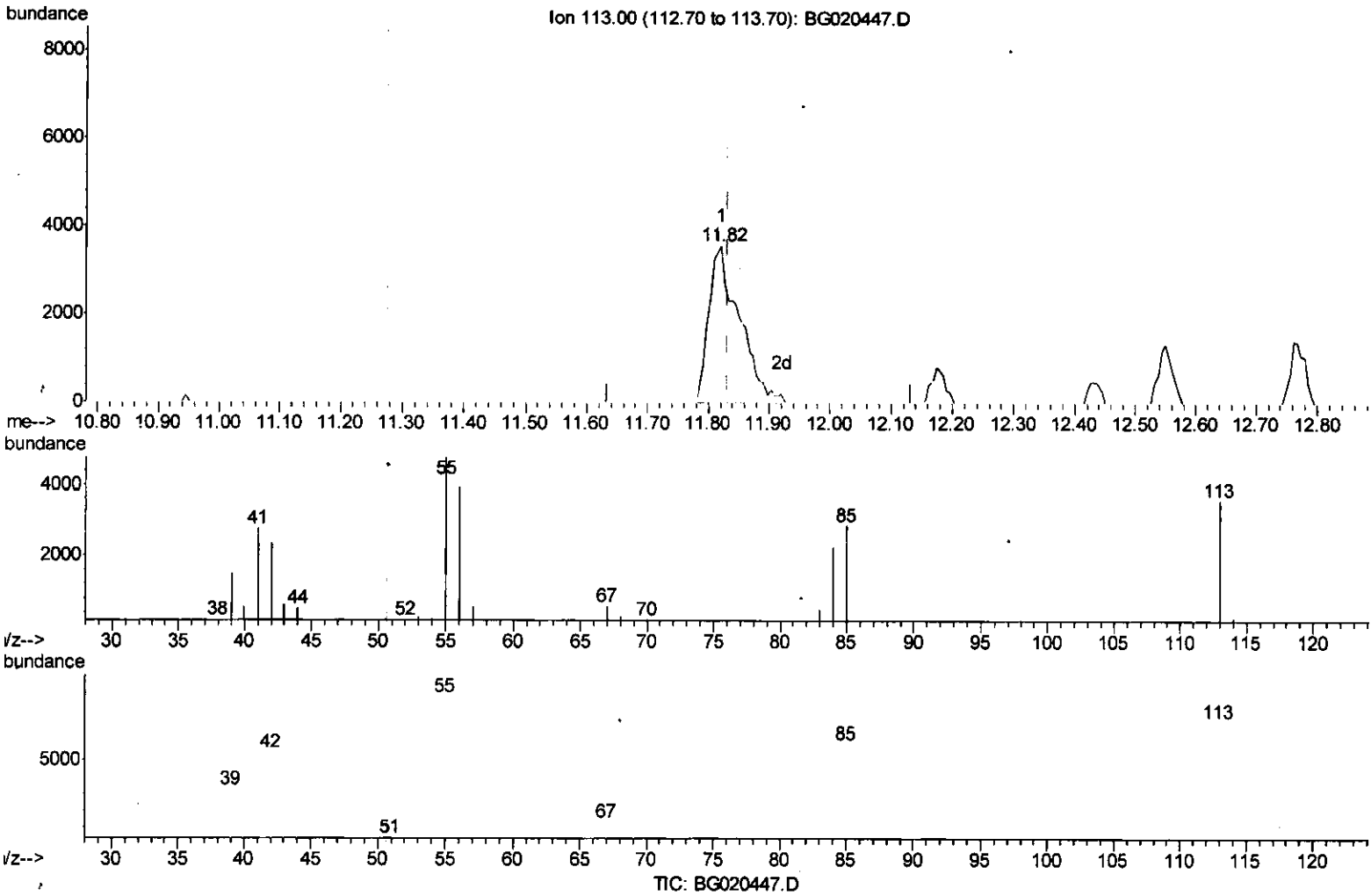

(32) Caprolactam

11.821min (-0.012) 19.67ng/ul m

response 12464

12/23/15

Ion	Exp%	Act%
113.00	100	100
55.00	165.10	134.14
56.00	129.10	110.43
0.00	0.00	0.00

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Misc :
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	23969	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	99506	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.72	164	71281	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	182839	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	229918	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	215040	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	2966	6.83	ng/uL	0.00
5) Phenol-d5	7.24	99	37535	17.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	23865	18.92	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.61	132	30385	19.77	ng/ul	-0.01
13) 4-Methylphenol-d8	8.79	113	31944	17.67	ng/ul	-0.02
19) Nitrobenzene-d5	9.25	128	16481	21.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	18582	21.53	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.52	165	36334	20.78	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.03	131	42413	21.60	ng/ul	-0.01
44) Dimethylphthalate-d6	14.12	166	118892	20.62	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	138459	20.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	18150	17.55	ng/ul	-0.01
58) Fluorene-d10	15.70	176	106537	20.37	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.83	200	20537	18.95	ng/ul	0.00
71) Anthracene-d10	17.56	188	174976	20.77	ng/ul	0.00
79) Pyrene-d10	19.84	212	201564	18.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	224326	20.91	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	3802	5.93	ng/uL#	85
4) Benzaldehyde	7.21	77	27702	20.25	ng/ul	99
6) Phenol	7.27	94	41444	18.31	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.50	93	30307	19.52	ng/ul	94
10) 2-Chlorophenol	7.65	128	32499	20.19	ng/ul	98
11) 2-Methylphenol	8.53	108	31712	18.37	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.61	45	39481	17.65	ng/ul	98
14) Acetophenone	8.91	105	52975	18.72	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.89	70	27483	18.34	ng/ul	95
16) 4-Methylphenol	8.85	108	35151	18.39	ng/ul	97
17) Hexachloroethane	9.17	117	13145	19.43	ng/ul	98
20) Nitrobenzene	9.29	77	40287	19.60	ng/ul	96
21) Isophorone	9.82	82	76807	19.57	ng/ul	96
23) 2-Nitrophenol	10.01	139	18959	20.48	ng/ul	96
24) 2,4-Dimethylphenol	10.06	107	41132	19.57	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.30	93	42351	19.92	ng/ul	96
27) 2,4-Dichlorophenol	10.55	162	36770	20.48	ng/ul	93
28) Naphthalene	10.95	128	105458	20.29	ng/ul	98
30) 4-Chloroaniline	11.06	127	42651	21.27	ng/ul	100
31) Hexachlorobutadiene	11.23	225	29434	21.99	ng/ul	98
32) Caprolactam	11.82	113	12464m	19.67	ng/ul	
33) 4-Chloro-3-methylphenol	12.17	107	40145	18.81	ng/ul	95
34) 2-Methylnaphthalene	12.55	142	80648	20.32	ng/ul	98

U.M 12/23/15

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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	12.77	142	76621	20.08	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	57697	21.57	ng/ul	99
38) Hexachlorocyclopentadiene	12.89	237	18493	11.18	ng/ul	97
39) 2,4,6-Trichlorophenol	13.15	196	35123	20.47	ng/ul	96
40) 2,4,5-Trichlorophenol	13.23	196	36788	19.29	ng/ul	93
41) 1,1'-Biphenyl	13.55	154	110658	20.58	ng/ul	95
42) 2-Chloronaphthalene	13.60	162	89534	20.80	ng/ul	98
43) 2-Nitroaniline	13.80	65	26648	18.20	ng/ul	93
45) Dimethylphthalate	14.17	163	121068	20.56	ng/ul	99
46) 2,6-Dinitrotoluene	14.29	165	24794	20.35	ng/ul	99
48) Acenaphthylene	14.44	152	145834	20.46	ng/ul	99
49) 3-Nitroaniline	14.62	138	25373	21.46	ng/ul	89
50) Acenaphthene	14.78	153	97351	20.30	ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	11584	16.71	ng/ul	88
53) 4-Nitrophenol	14.94	109	16340	16.43	ng/ul	89
54) Dibenzofuran	15.11	168	147572	20.69	ng/ul	97
55) 2,4-Dinitrotoluene	15.08	165	37231	20.82	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.34	232	35768	19.50	ng/ul#	96
57) Diethylphthalate	15.52	149	122920	20.11	ng/ul	97
59) Fluorene	15.76	166	117707	20.55	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.75	204	67440	20.88	ng/ul	94
61) 4-Nitroaniline	15.78	138	25385	19.86	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.84	198	21846	18.77	ng/ul	100
65) N-Nitrosodiphenylamine	15.96	169	104374	20.53	ng/ul	98
66) 4-Bromophenyl-phenylether	16.64	248	47027	21.91	ng/ul	94
67) Hexachlorobenzene	16.77	284	50814	22.05	ng/ul#	87
68) Atrazine	16.91	200	45819	21.13	ng/ul	98
69) Pentachlorophenol	17.11	266	21750	15.65	ng/ul	92
70) Phenanthrene	17.50	178	205467	20.54	ng/ul	99
72) Anthracene	17.60	178	207810	20.49	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.52	216	62988	21.99	ng/uL	98
74) Pentachlorobenzene	15.04	250	59589	22.43	ng/uL	94
75) Carbazole	17.87	167	177982	20.88	ng/ul	99
76) Di-n-butylphthalate	18.41	149	203434	20.54	ng/ul	99
77) Fluoranthene	19.51	202	257722	22.05	ng/ul	98
80) Pyrene	19.87	202	262401	18.86	ng/ul	98
81) Butylbenzylphthalate	20.75	149	92761	19.18	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.63	252	94320	22.45	ng/ul	96
83) Benzo(a)anthracene	21.72	228	273562	20.39	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	133826	19.36	ng/ul	99
85) Chrysene	21.79	228	256270	20.28	ng/ul	98
87) Di-n-octyl phthalate	22.83	149	229845	19.45	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	262305m	20.27	ng/ul	
89) Benzo(k)fluoranthene	24.03	252	257730	20.75	ng/ul	99
91) Benzo(a)pyrene	24.85	252	254838	20.77	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.74	276	297301	20.35	ng/ul	98
93) Dibenzo(a,h)anthracene	28.80	278	249583	20.58	ng/ul#	95
94) Benzo(g,h,i)perylene	29.91	276	234923	19.61	ng/ul	100

U.M 12/23/15