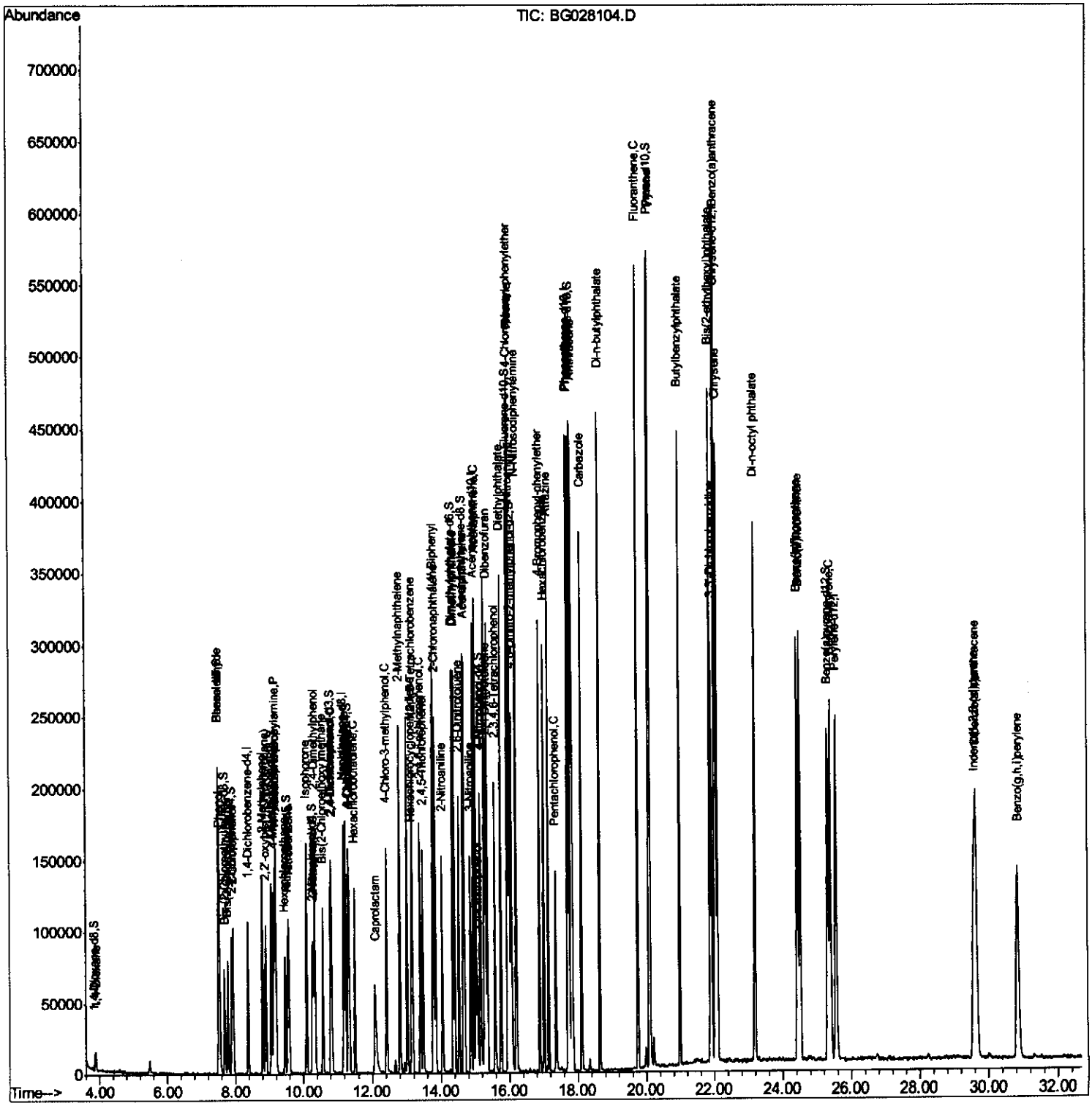
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG080217\
Data File : BG028104.D
Acq On : 2 Aug 2017 12:02
Operator : SJ/JU
Sample : SSTD02088
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 02 13:36:29 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 02 13:32:47 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02088

Manual Integrations APPROVED
Sohil
8/3/2017 8:28:14 PM



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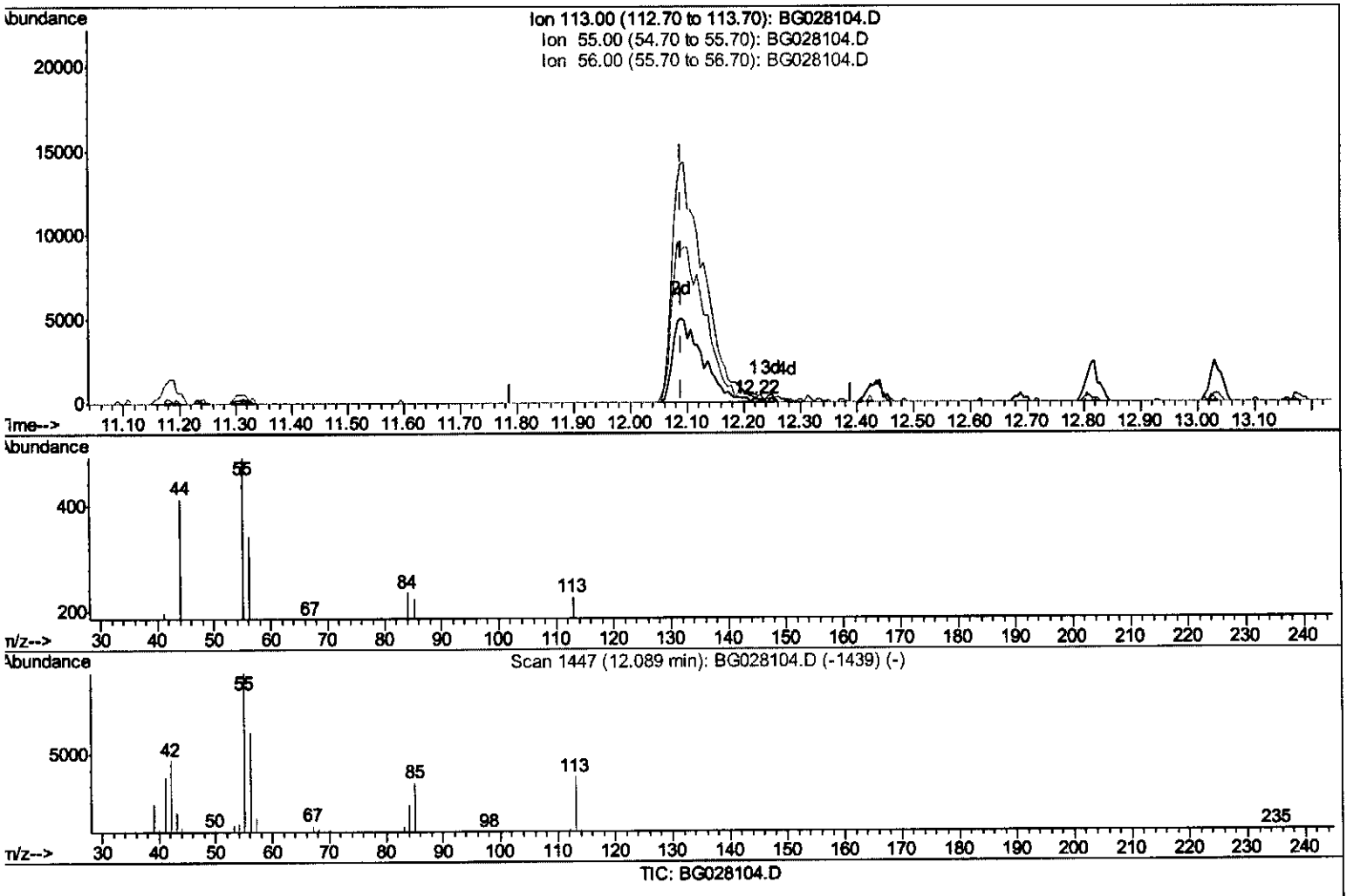

TIC: BG028104.D

(32) Caprolactam

12.219min (+0.129) 0.30ng/ul

response 208

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	217.26
56.00	160.60	150.88
0.00	0.00	0.00

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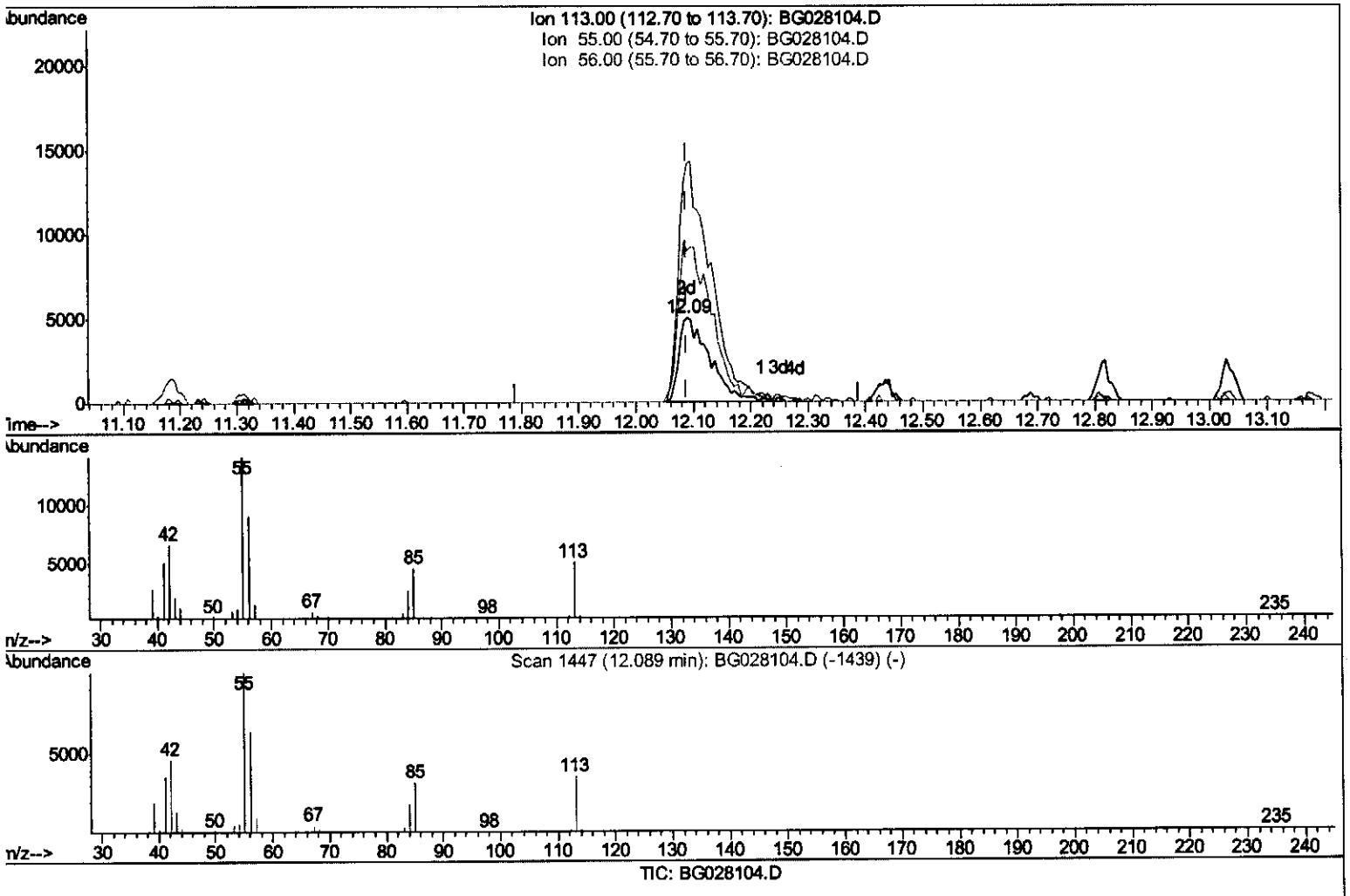

TIC: BG028104.D

(32) Caprolactam

12.089min (0.000) 26.52ng/ul m SJ 8/4/17

response 18658

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	282.34#
56.00	160.60	179.25
0.00	0.00	0.00

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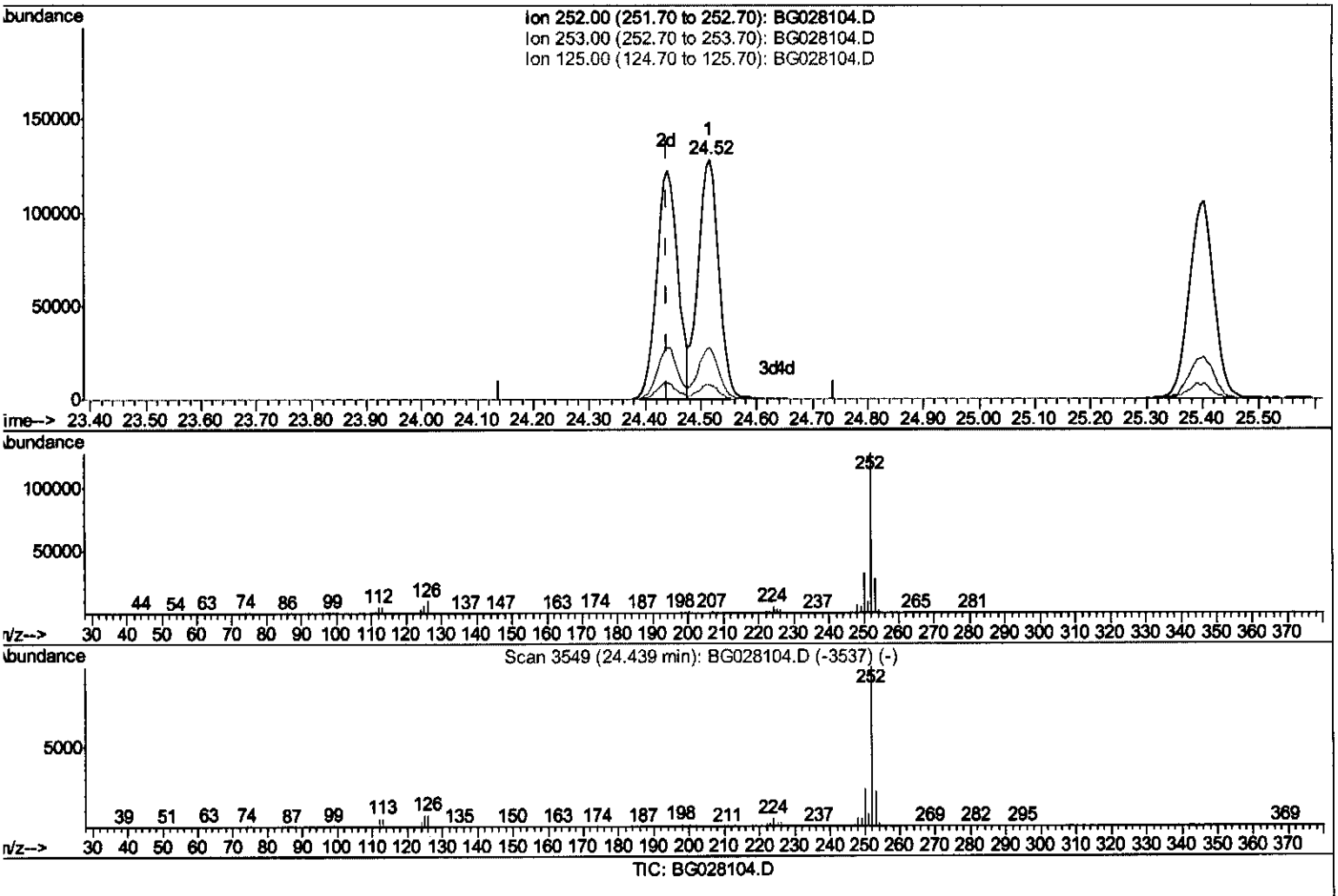
Manual Integrations APPROVED
Sohil
8/3/2017 8:28:14 PM



TIC: BG028104.D

(85) Benzo(b)fluoranthene

24.516min (+0.076) 20.75ng/ul

response 331737

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	21.68
125.00	5.00	5.75
0.00	0.00	0.00

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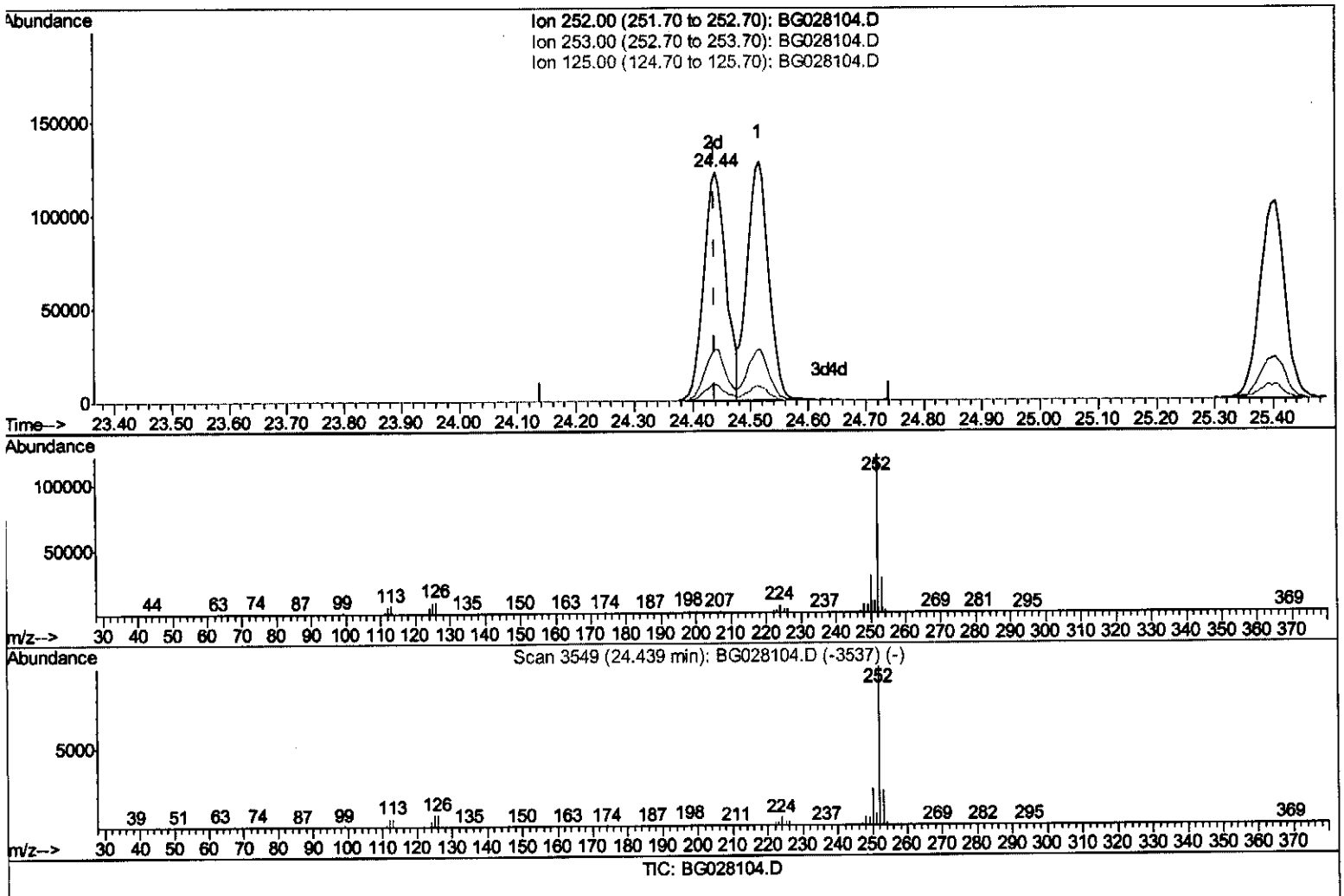

TIC: BG028104.D

(85) Benzo(b)fluoranthene

24.439min (0.000) 20.42ng/ul m SJ 8/4/17

response 326428

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.16
125.00	5.00	7.29#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	28551	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	140985	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	105576	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	284885	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	301289	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	280147	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	4433	8.56	ng/uL	0.00
5) Phenol-d5	7.51	99	59762	25.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	39872	29.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	40477	21.96	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	52408	26.98	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	21714	20.93	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	24098	19.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	49003	20.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	62151	28.15	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	189312	20.68	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	209017	20.09	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	29054	21.92	ng/ul	0.00
57) Fluorene-d10	15.96	176	166457	19.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	32952	16.65	ng/ul	0.00
70) Anthracene-d10	17.82	188	263700	19.19	ng/ul	0.00
76) Pyrene-d10	20.09	212	315825	23.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	258692	19.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	5011	7.976	ng/uL#	59
4) Benzaldehyde	7.51	77	38784	26.654	ng/ul	89
6) Phenol	7.54	94	60046	26.372	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.77	93	42047	25.622	ng/ul	88
10) 2-Chlorophenol	7.93	128	38370	22.391	ng/ul	98
11) 2-Methylphenol	8.79	108	43498	26.017	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.89	45	105807	34.190	ng/ul#	89
14) Acetophenone	9.19	105	76433	27.915	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.16	70	44462	31.672	ng/ul	95
16) 4-Methylphenol	9.12	108	49810	27.186	ng/ul	94
17) Hexachloroethane	9.45	117	16221	23.505	ng/ul	88
20) Nitrobenzene	9.57	77	62710	26.148	ng/ul	97
21) Isophorone	10.09	82	120930	27.684	ng/ul#	97
23) 2-Nitrophenol	10.29	139	24541	20.430	ng/ul#	82
24) 2,4-Dimethylphenol	10.33	107	61268	24.376	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.57	93	66723	25.462	ng/ul	98
27) 2,4-Dichlorophenol	10.82	162	44403	18.781	ng/ul	97
28) Naphthalene	11.24	128	138729	20.764	ng/ul	96
30) 4-Chloroaniline	11.34	127	59850	29.296	ng/ul	99
31) Hexachlorobutadiene	11.51	225	32591	17.235	ng/ul	94
32) Caprolactam	12.09	113	18658m	26.522	ng/ul	
33) 4-Chloro-3-methylphenol	12.44	107	58648	26.019	ng/ul	97
34) 2-Methylnaphthalene	12.81	142	111099	20.565	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	65035	16.378	ng/ul	94
37) Hexachlorocyclopentadiene	13.15	237	32962	14.029	ng/ul	99
38) 2,4,6-Trichlorophenol	13.41	196	41833	17.463	ng/ul	86
39) 2,4,5-Trichlorophenol	13.49	196	45430	17.649	ng/ul	98
40) 1,1'-Biphenyl	13.80	154	150206	18.618	ng/ul	97
41) 2-Chloronaphthalene	13.85	162	120253	18.854	ng/ul	97
42) 2-Nitroaniline	14.05	65	52928	29.037	ng/ul	93
44) Dimethylphthalate	14.41	163	171183	20.539	ng/ul#	99
45) 2,6-Dinitrotoluene	14.54	165	36737	21.791	ng/ul#	95
47) Acenaphthylene	14.70	152	200096	19.578	ng/ul	98
48) 3-Nitroaniline	14.87	138	33111	22.595	ng/ul#	91
49) Acenaphthene	15.03	153	137654	19.907	ng/ul	95
50) 2,4-Dinitrophenol	15.07	184	17087	17.596	ng/ul#	88
52) 4-Nitrophenol	15.17	109	31059	29.084	ng/ul	88
53) Dibenzofuran	15.37	168	197318	19.299	ng/ul	98
54) 2,4-Dinitrotoluene	15.32	165	54276	22.086	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.59	232	42583	17.361	ng/ul#	87
56) Diethylphthalate	15.76	149	198551	22.846	ng/ul	98
58) Fluorene	16.01	166	172888	19.669	ng/ul	96
59) 4-Chlorophenyl-phenylether	16.00	204	91325	18.738	ng/ul#	90
60) 4-Nitroaniline	16.03	138	37116	21.343	ng/ul	83
63) 4,6-Dinitro-2-methylphenol	16.08	198	33656	17.790	ng/ul#	97
64) N-Nitrosodiphenylamine	16.21	169	148535	19.344	ng/ul	94
65) 4-Bromophenyl-phenylether	16.90	248	60408	17.400	ng/ul	94
66) Hexachlorobenzene	17.02	284	62997	17.259	ng/ul	99
67) Atrazine	17.15	200	64355	19.048	ng/ul	95
68) Pentachlorophenol	17.37	266	27934	14.087	ng/ul	92
69) Phenanthrene	17.76	178	283238	19.398	ng/ul	99
71) Anthracene	17.85	178	286218	19.124	ng/ul	99
72) Carbazole	18.12	167	248431	20.132	ng/ul	96
73) Di-n-butylphthalate	18.65	149	317275	23.449	ng/ul#	97
74) Fluoranthene	19.76	202	348098	19.476	ng/ul	98
77) Pyrene	20.12	202	362346	22.699	ng/ul#	97
78) Butylbenzylphthalate	20.99	149	134266	26.237	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.94	252	119226	24.340	ng/ul#	93
80) Benzo(a)anthracene	22.03	228	344948	21.165	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.90	149	187924	25.771	ng/ul	100
82) Chrysene	22.11	228	313991	21.166	ng/ul	97
84) Di-n-octyl phthalate	23.20	149	323963	24.934	ng/ul	100
85) Benzo(b)fluoranthene	24.44	252	326428m	20.419	ng/ul	
86) Benzo(k)fluoranthene	24.52	252	331737	21.155	ng/ul	97
88) Benzo(a)pyrene	25.40	252	319689	20.696	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.60	276	365719	20.877	ng/ul#	97
90) Dibenzo(a,h)anthracene	29.65	278	308873	21.005	ng/ul#	95
91) Benzo(g,h,i)perylene	30.86	276	305674	21.151	ng/ul	98

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