Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120121\
Data File : BG051294.D
Acq On : 1 Dec 2021 20:52
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 02 01:08:44 2021
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 24 06:04:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

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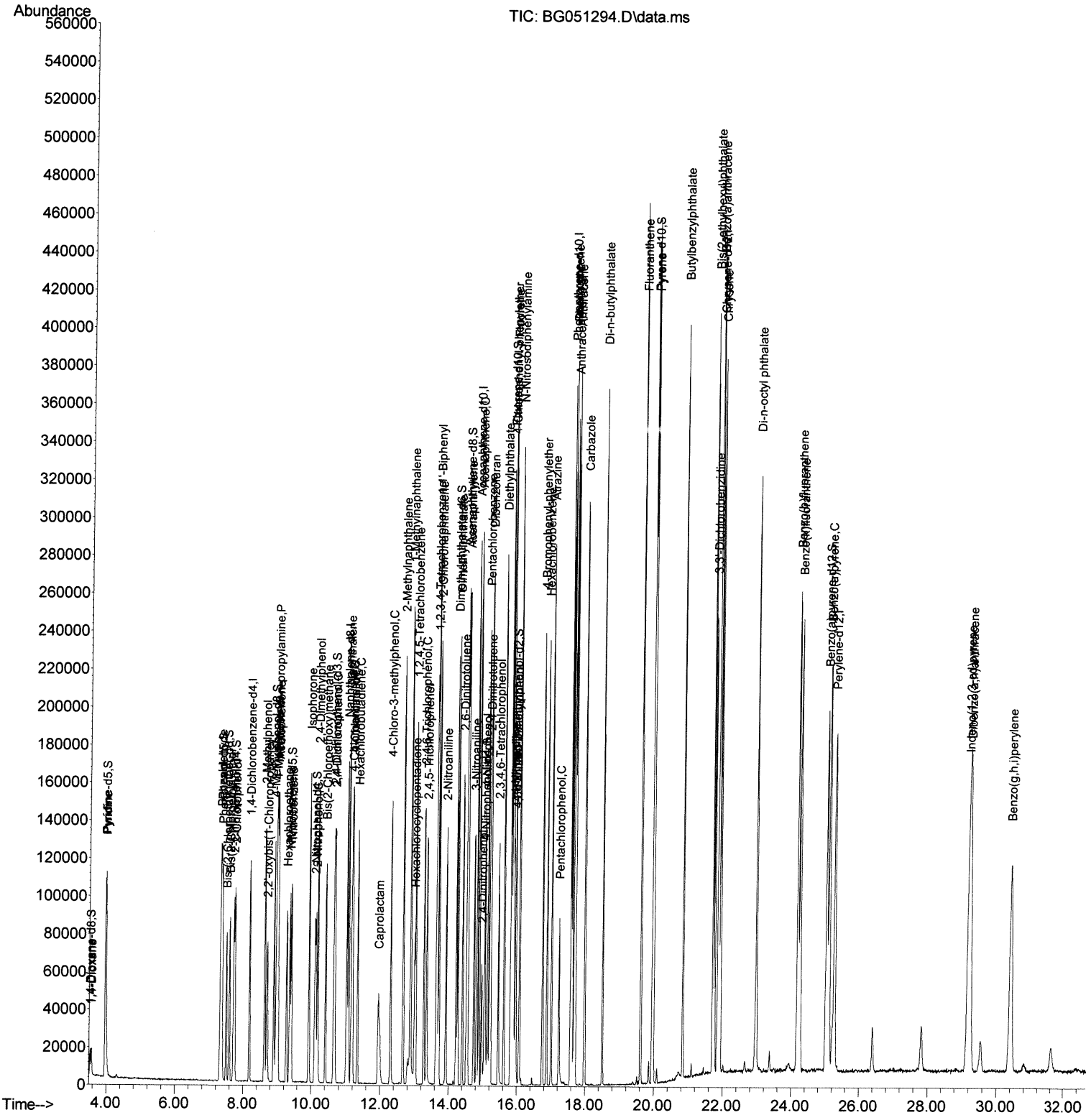

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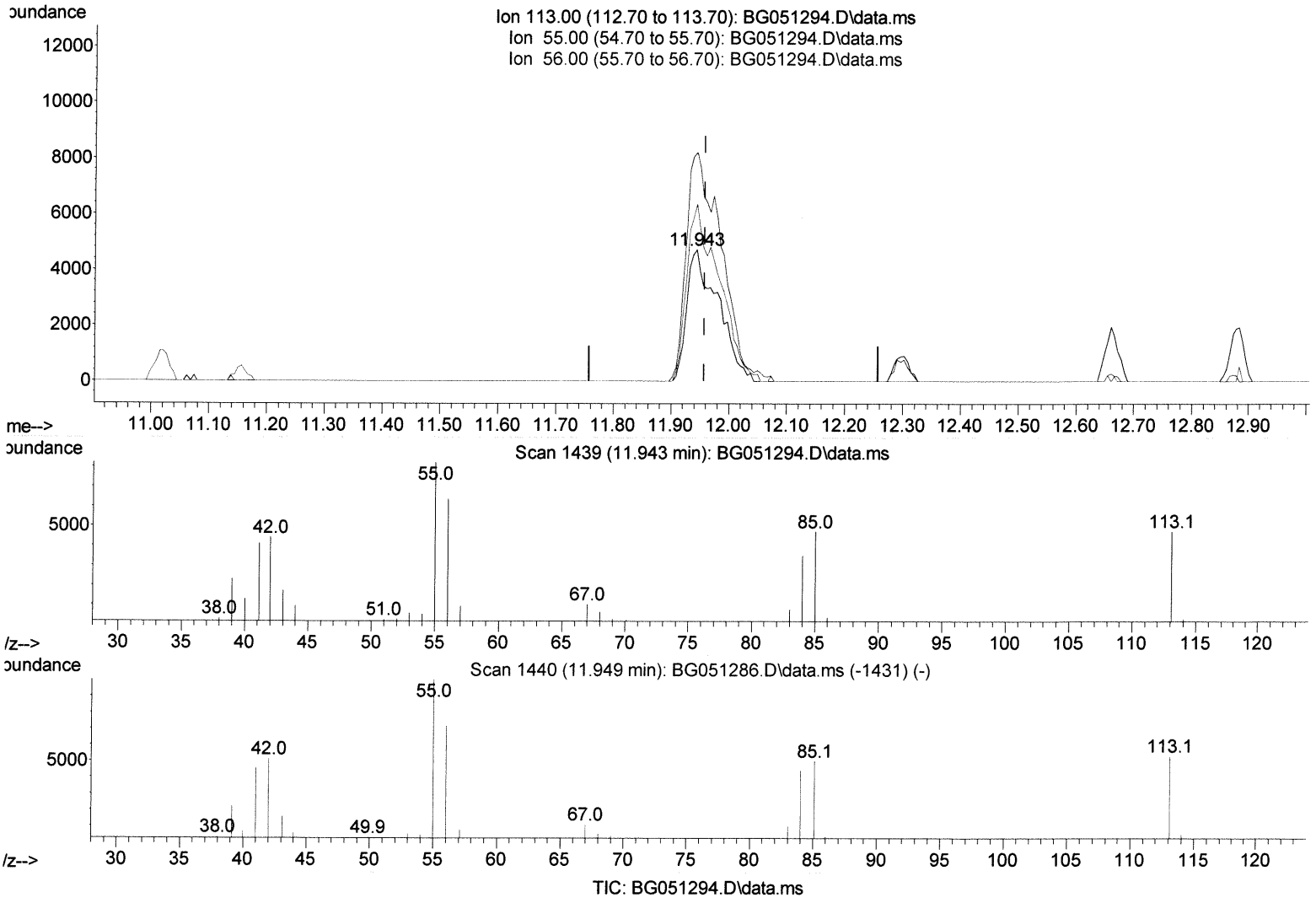

(34) Caprolactam

11.943min (-0.014) 10.96 ng/ul

response 10155

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	173.91
56.00	136.50	134.89
0.00	0.00	0.00

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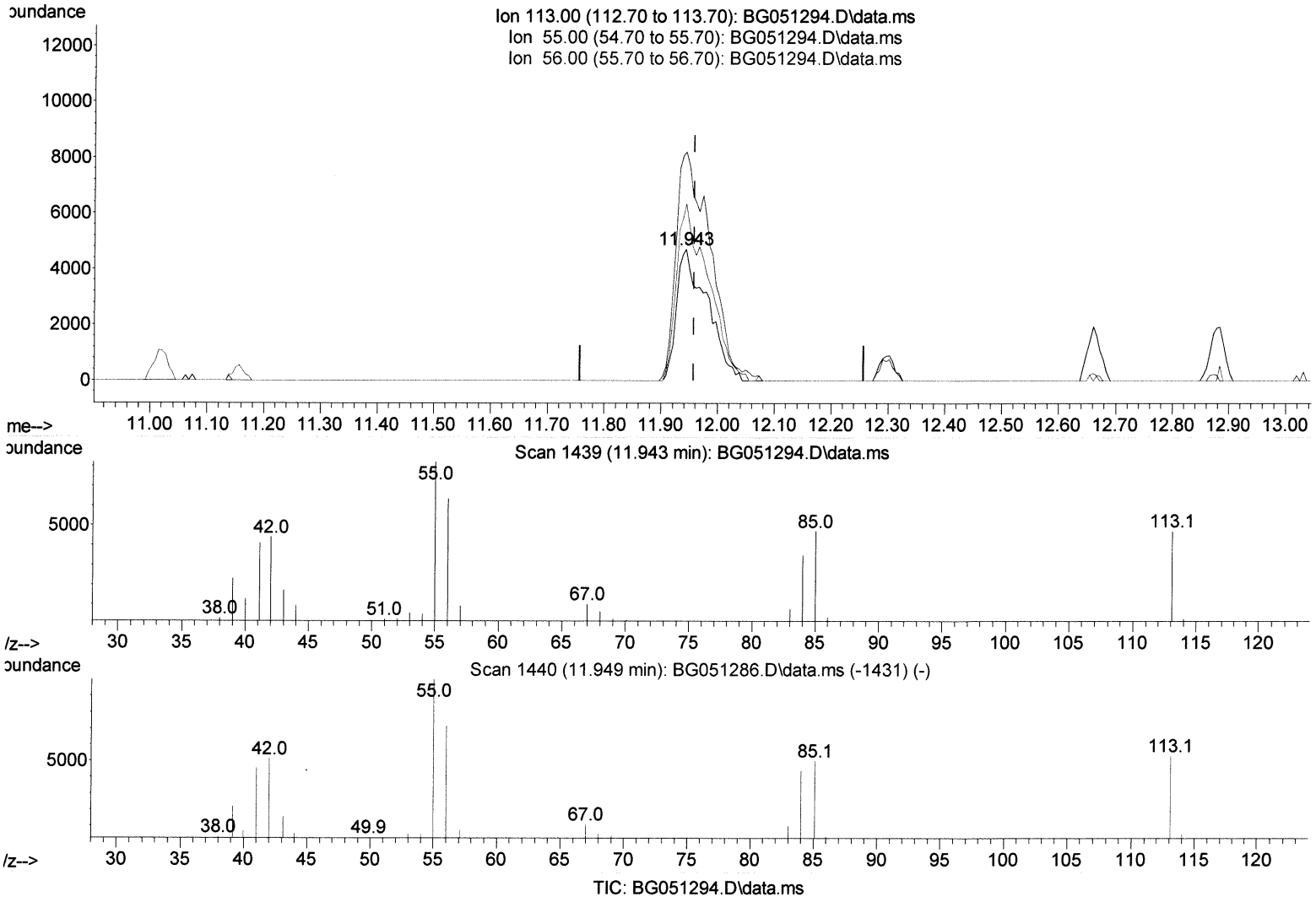

(34) Caprolactam

11.943min (-0.014) 19.14 ng/ul m 12/20/21 JU

response 17739

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	173.91
56.00	136.50	134.89
0.00	0.00	0.00

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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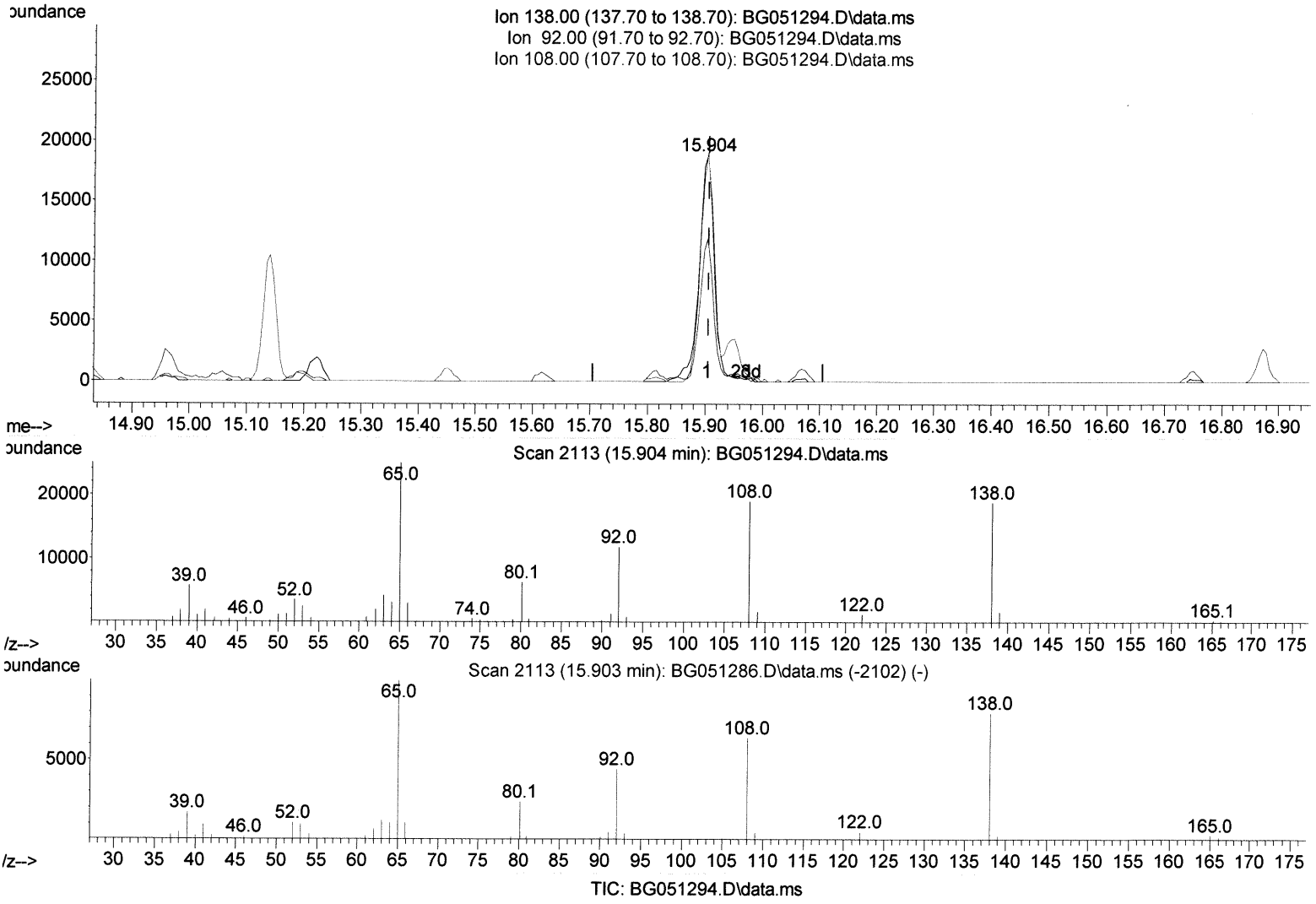

(63) 4-Nitroaniline

15.904min (-0.002) 22.16 ng/ul

response 34838

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	62.85
108.00	90.70	100.89
0.00	0.00	0.00

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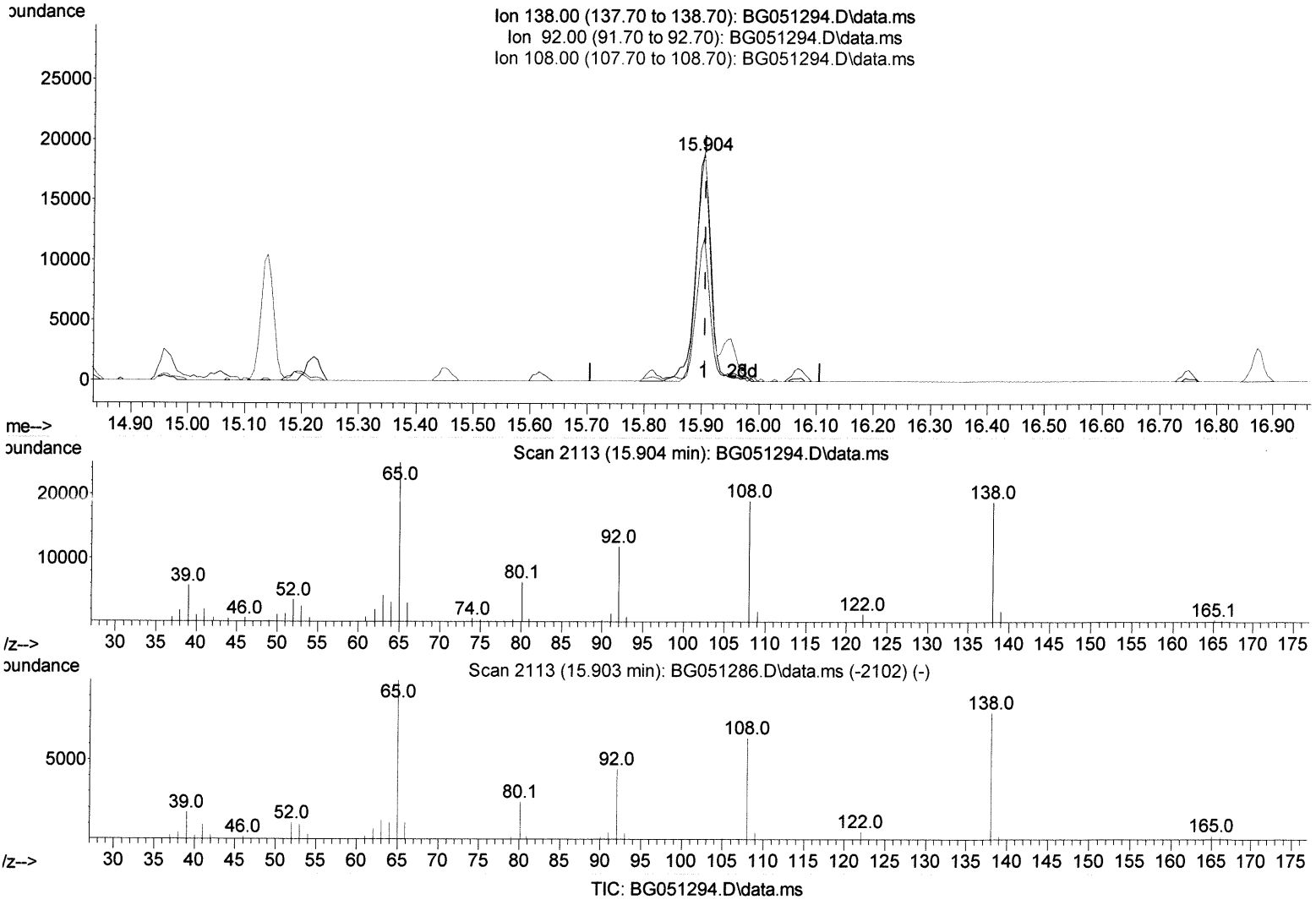

(63) 4-Nitroaniline

15.904min (-0.002) 22.26 ng/ul m 12/30/21 JU

response 35004

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	62.85
108.00	90.70	100.89
0.00	0.00	0.00

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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LabSampleId :
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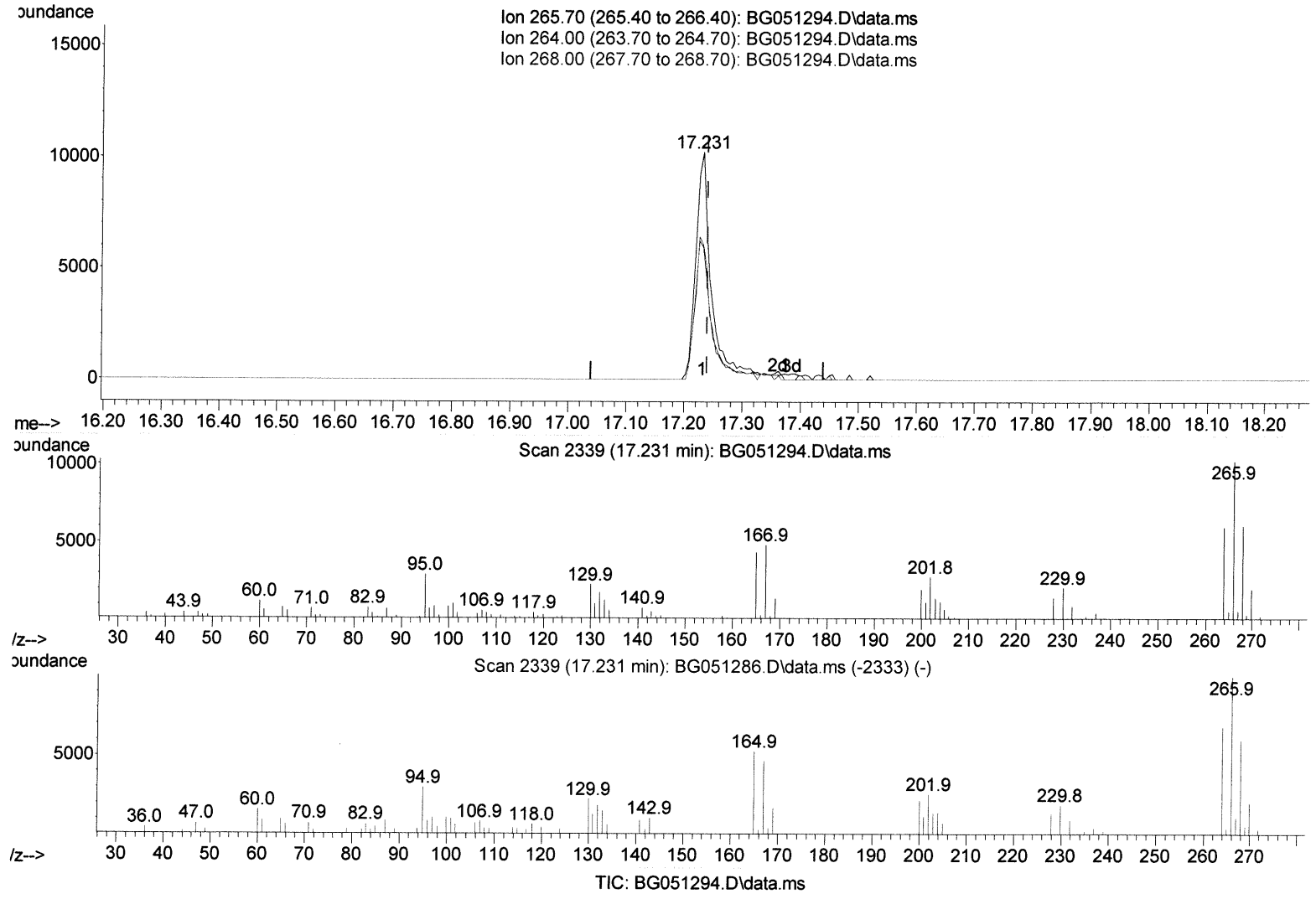

(71) Pentachlorophenol (C)

17.231min (-0.008) 16.53 ng/ul

response 17860

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	58.45
268.00	63.80	59.33
0.00	0.00	0.00

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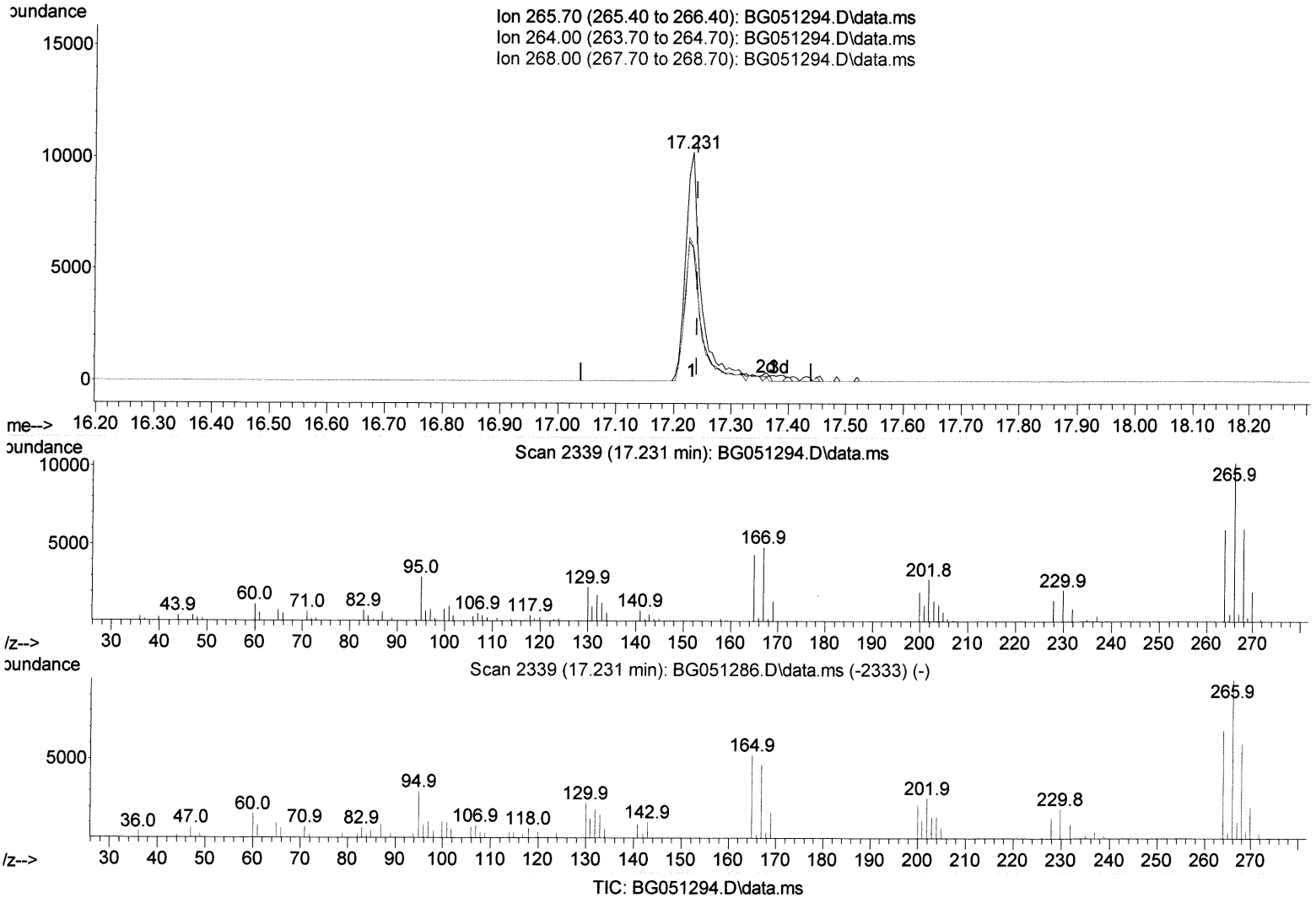

(71) Pentachlorophenol (C)

17.231min (-0.008) 17.45 ng/ul m 12/30/21 JU

response 18852

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.90	58.45
268.00	63.80	59.33
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120121\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.189	152	32529	20.000	ng/ul	-0.01
20) Naphthalene-d8	11.015	136	148212	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.822	164	99907	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.572	188	223075	20.000	ng/ul	0.00
79) Chrysene-d12	21.873	240	194779	20.000	ng/ul	0.00
88) Perylene-d12	25.269	264	196576	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	7479	7.990	ng/uL	-0.01
4) Pyridine-d5	3.965	84	52625	19.159	ng/ul	-0.01
7) Phenol-d5	7.349	99	61509	19.132	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.508	67	40120	19.870	ng/ul	0.00
11) 2-Chlorophenol-d4	7.725	132	45491	19.650	ng/ul	0.00
15) 4-Methylphenol-d8	8.906	113	50337	19.402	ng/ul	0.00
21) Nitrobenzene-d5	9.370	128	24728	19.765	ng/ul	0.00
24) 2-Nitrophenol-d4	10.093	143	27202	19.274	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.645	165	46360	19.361	ng/ul	0.00
31) 4-Chloroaniline-d4	11.156	131	68441	19.534	ng/ul	0.00
46) Dimethylphthalate-d6	14.217	166	147358	19.169	ng/ul	0.00
49) Acenaphthylene-d8	14.523	160	189103	19.508	ng/ul	0.00
54) 4-Nitrophenol-d4	15.040	143	20187	16.223	ng/ul	0.00
60) Fluorene-d10	15.815	176	133869	19.338	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.945	200	22617	16.431	ng/ul	0.00
73) Anthracene-d10	17.672	188	206624	19.367	ng/ul	0.00
81) Pyrene-d10	19.952	212	237943	20.189	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.034	264	200263	19.075	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	8036	7.612	ng/uL	89
5) Pyridine	3.982	79	55573	19.443	ng/ul	97
6) Benzaldehyde	7.325	77	46005	22.470	ng/ul	92
8) Phenol	7.378	94	63793	19.154	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.601	93	49391	19.602	ng/ul	96
12) 2-Chlorophenol	7.754	128	45382	19.236	ng/ul	99
13) 2-Methylphenol	8.641	108	47516	19.154	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.712	45	73467	20.206	ng/ul	96
16) Acetophenone	9.023	105	79696	19.860	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.994	70	47052	20.404	ng/ul	97
18) 4-Methylphenol	8.970	108	52447	19.771	ng/ul	96
19) Hexachloroethane	9.276	117	19137	19.205	ng/ul	97
22) Nitrobenzene	9.411	77	65741	20.039	ng/ul	97
23) Isophorone	9.928	82	130275	20.440	ng/ul	99
25) 2-Nitrophenol	10.128	139	28121	19.237	ng/ul	98
26) 2,4-Dimethylphenol	10.175	107	59791	20.005	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.404	93	71099	20.207	ng/ul	98
29) 2,4-Dichlorophenol	10.669	162	44997	19.090	ng/ul	93
30) Naphthalene	11.068	128	154937	19.212	ng/ul	97
32) 4-Chloroaniline	11.180	127	68733	19.541	ng/ul	94
33) Hexachlorobutadiene	11.332	225	30084	18.504	ng/ul	94
34) Caprolactam	11.943	113	17739m	> 19.143	ng/ul	> 12/20/21 JU
35) 4-Chloro-3-methylphenol	12.296	107	55900	19.742	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.660	142	105322	19.200	ng/ul	100
37) 1-Methylnaphthalene	12.878	142	109074	19.328	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.025	216	60939	19.429	ng/ul	97
40) Hexachlorocyclopentadiene	12.989	237	20738	16.358	ng/ul	99
41) 2,4,6-Trichlorophenol	13.271	196	36726	18.659	ng/ul	97
42) 2,4,5-Trichlorophenol	13.354	196	38384	18.623	ng/ul	95
43) 1,1'-Biphenyl	13.653	154	145904	19.553	ng/ul	97
44) 2-Chloronaphthalene	13.706	162	114961	19.367	ng/ul	99
45) 2-Nitroaniline	13.912	65	42149	20.517	ng/ul	97
47) Dimethylphthalate	14.264	163	149020	19.152	ng/ul	98
48) 2,6-Dinitrotoluene	14.399	165	31958	19.553	ng/ul	95
50) Acenaphthylene	14.552	152	187250	19.552	ng/ul	99
51) 3-Nitroaniline	14.740	138	34148	21.137	ng/ul	90
52) Acenaphthene	14.887	153	123568	19.564	ng/ul	95
53) 2,4-Dinitrophenol	14.963	184	17850	19.758	ng/ul	88
55) 4-Nitrophenol	15.057	109	24292	22.505	ng/ul	96
56) Dibenzofuran	15.222	168	175841	19.302	ng/ul	100
57) 2,4-Dinitrotoluene	15.193	165	45615	19.540	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.451	232	27218	16.816	ng/ul	99
59) Diethylphthalate	15.616	149	158255	19.376	ng/ul	99
61) Fluorene	15.868	166	139469	19.112	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.851	204	73120	18.593	ng/ul	98
63) 4-Nitroaniline	15.904	138	35004m >	22.264	ng/ul >	12/20/21 JU
66) 4,6-Dinitro-2-methylph...	15.962	198	22225	16.742	ng/ul	99
67) N-Nitrosodiphenylamine	16.068	169	124950	19.566	ng/ul	95
68) 4-Bromophenyl-phenylether	16.750	248	45281	18.939	ng/ul	94
69) Hexachlorobenzene	16.873	284	46144	18.928	ng/ul	94
70) Atrazine	17.008	200	51527	19.198	ng/ul	99
71) Pentachlorophenol	17.231	266	18852m >	17.452	ng/ul >	12/20/21 JU
72) Phenanthrene	17.613	178	237350	19.270	ng/ul	99
74) Anthracene	17.707	178	237126	19.385	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.630	216	63549	19.531	ng/uL	97
76) Pentachlorobenzene	15.140	250	59138	19.506	ng/uL	99
77) Carbazole	17.983	167	210291	19.585	ng/ul	98
78) Di-n-butylphthalate	18.506	149	272363	19.673	ng/ul	99
80) Fluoranthene	19.617	202	290296	20.054	ng/ul	98
82) Pyrene	19.981	202	286110	20.206	ng/ul	97
83) Butylbenzylphthalate	20.839	149	118354	20.105	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.756	252	84768	18.692	ng/ul	97
85) Benzo(a)anthracene	21.850	228	257088	19.460	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.714	149	167338	19.754	ng/ul	100
87) Chrysene	21.926	228	242846	19.135	ng/ul	100
89) Di-n-octyl phthalate	22.972	149	285498	20.047	ng/ul	100
90) Benzo(b)fluoranthene	24.182	252	256374	19.325	ng/ul	99
91) Benzo(k)fluoranthene	24.253	252	235446	18.913	ng/ul	99
93) Benzo(a)pyrene	25.110	252	245442	19.393	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.182	276	270640	19.109	ng/ul	98
95) Dibenzo(a,h)anthracene	29.235	278	226139	18.821	ng/ul	97
96) Benzo(g,h,i)perylene	30.410	276	226299	18.991	ng/ul	97

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