

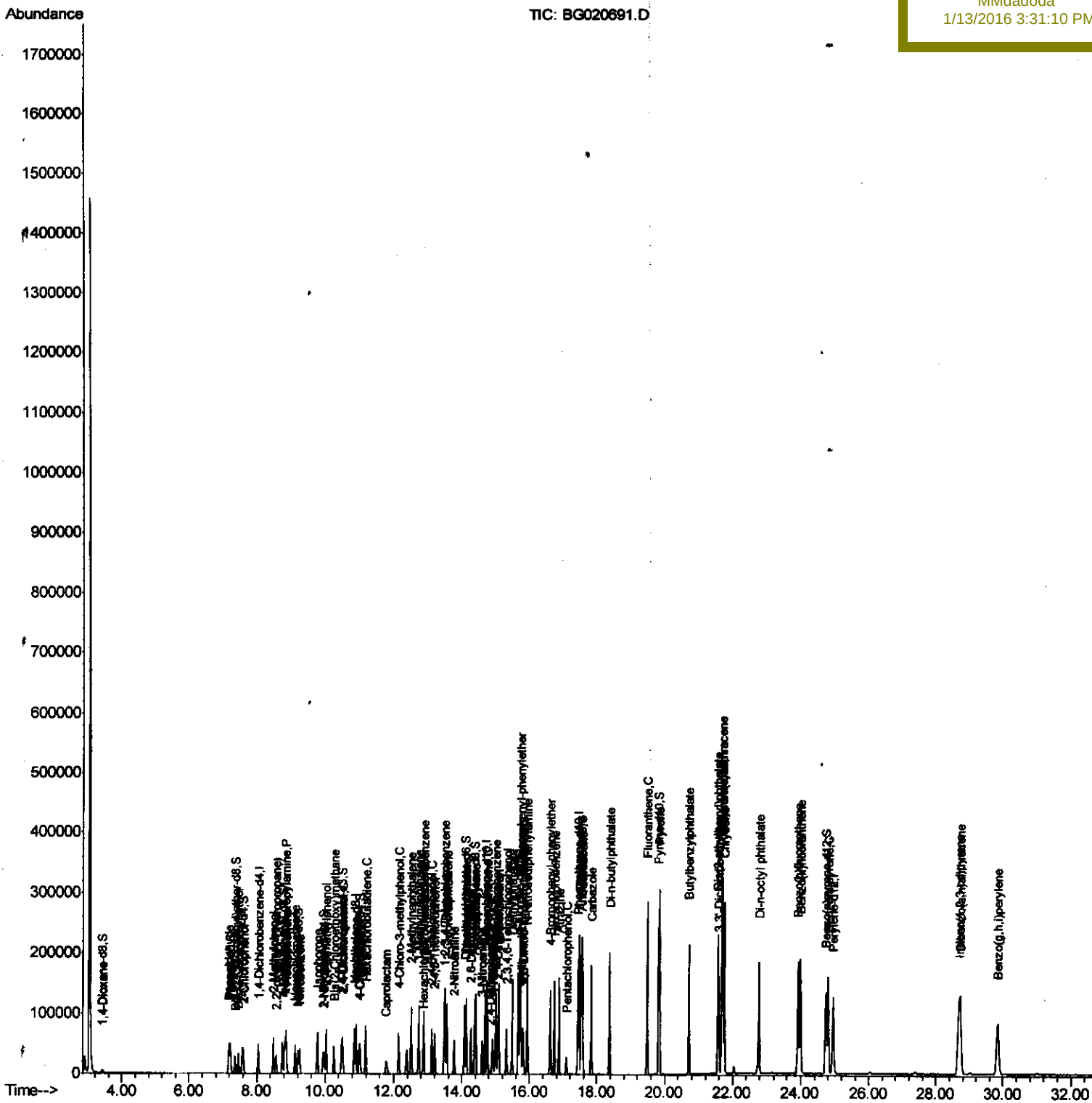
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Data Path : Z:\HPCHEM1\BNA_G\Data\BG011216\  
Data File : BG020691.D  
Acq On    : 13 Jan 2016  00:22  
Operator  : SJ/IZ  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
```

Quant Time: Jan 13 03:58:09 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
Qlast Update : Wed Jan 13 02:39:33 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02022

Manual Integrations

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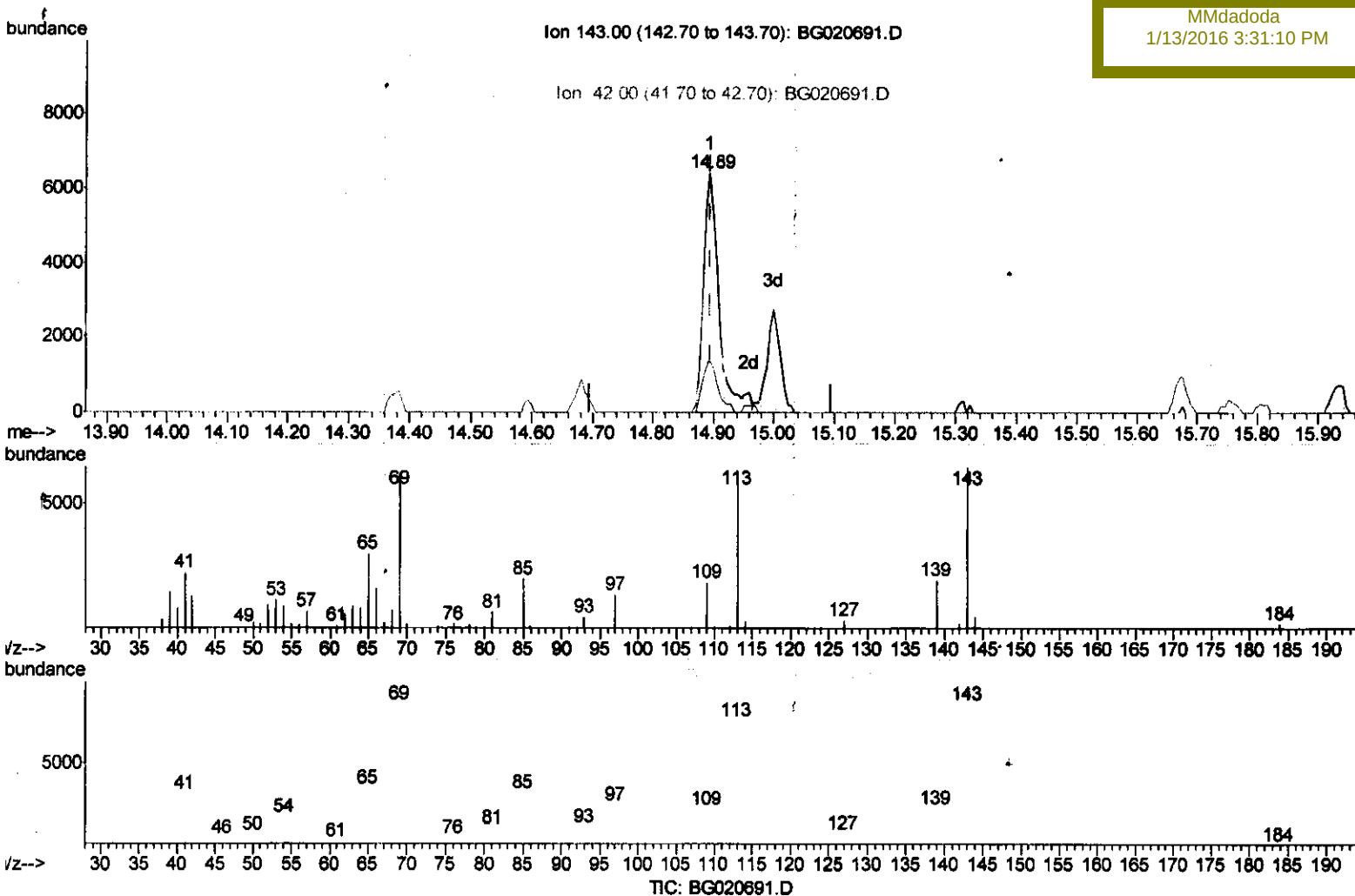
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Manual Integrations
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(52) 4-Nitrophenol-d4 (S)

14.894min (-0.002) 20.78ng/ul m

response 11316

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	92.16
41.00	32.60	35.86
42.00	22.30	21.80

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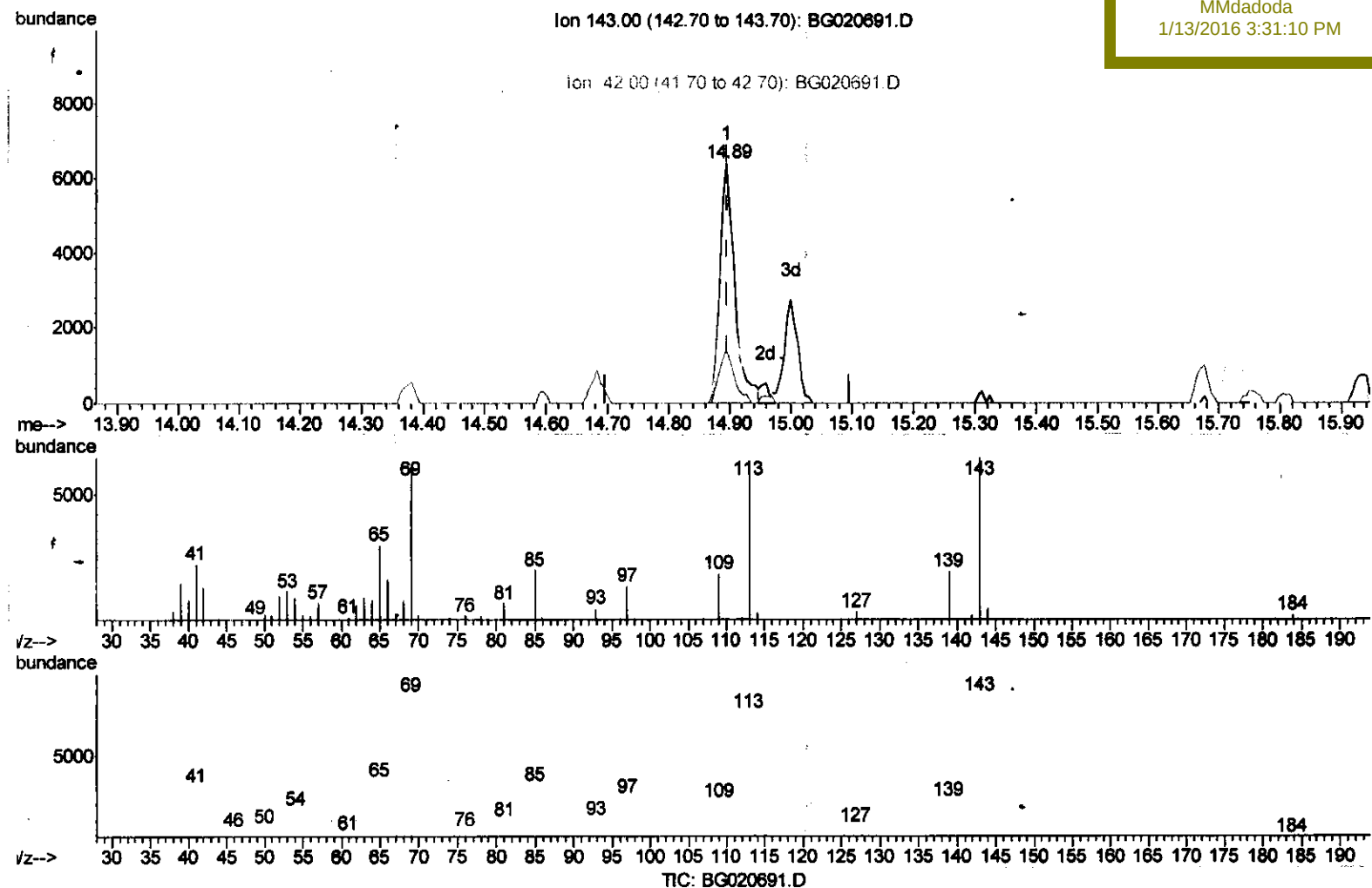
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(52) 4-Nitrophenol-d4 (S)

14.894min (-0.002) 19.99ng/ul

response 10888

Ion	Exp%	Act%
143.00	100	100
113.00	77.10	92.16
41.00	32.60	35.86
42.00	22.30	21.80

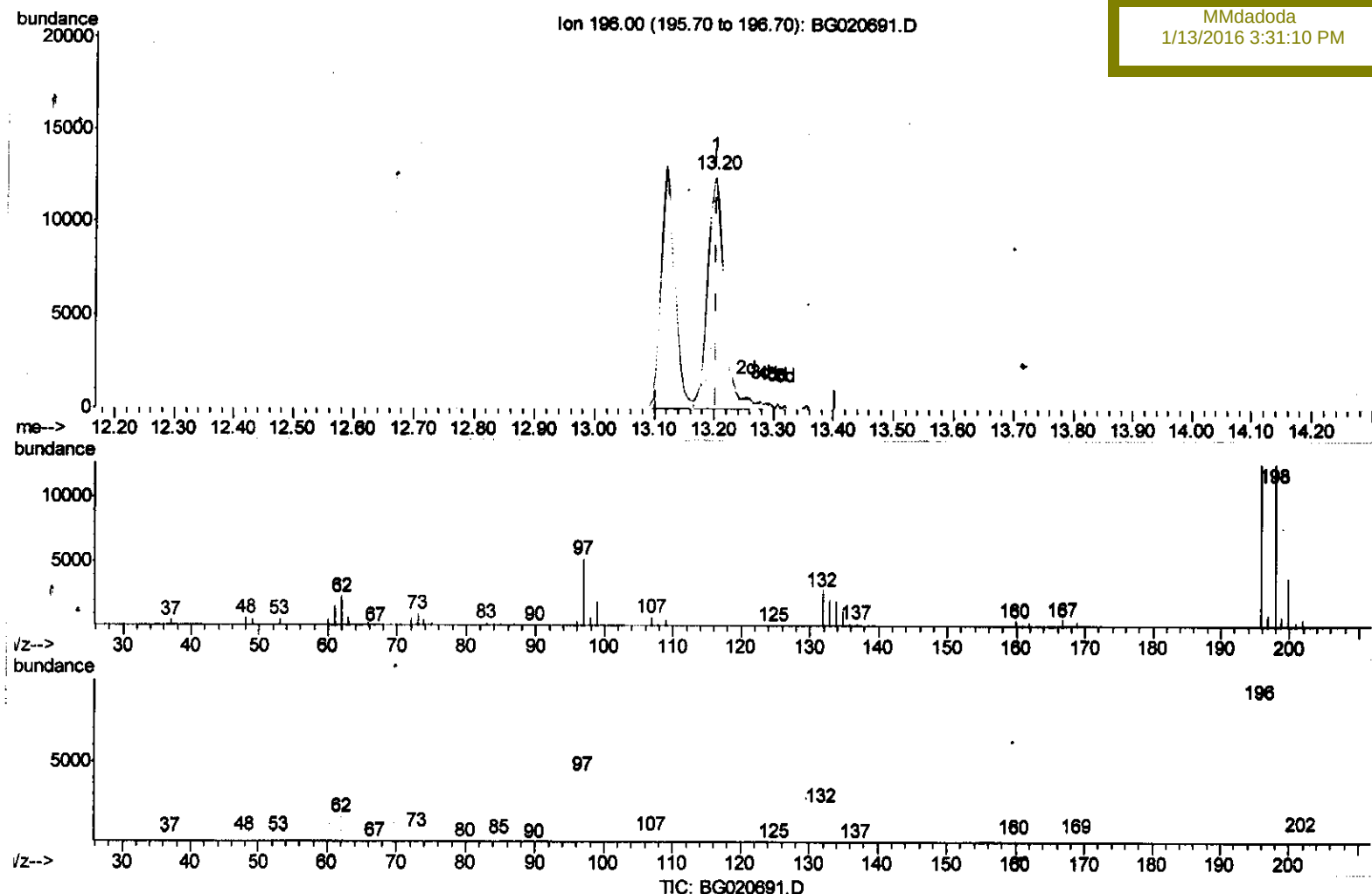
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(40) 2,4,5-Trichlorophenol

13.202min (-0.002) 21.07ng/ul m

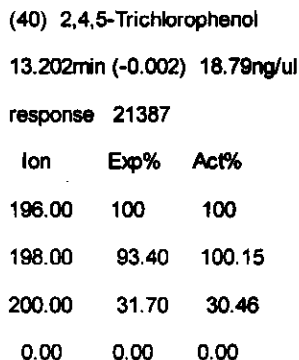
response 23977

Ion	Exp%	Act%
196.00	100	100
198.00	93.40	100.15
200.00	31.70	30.46
0.00	0.00	0.00

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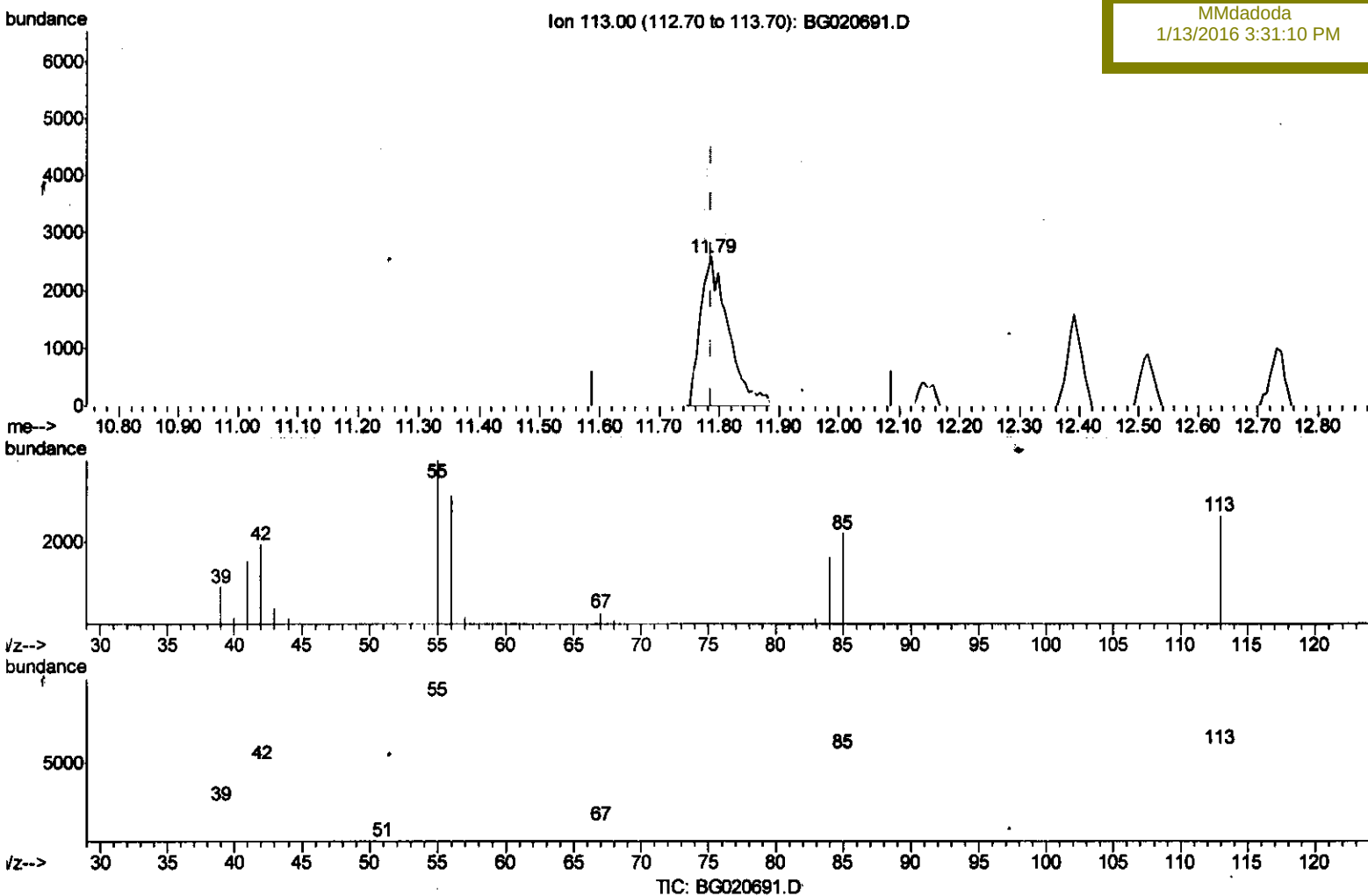
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(32) Caprolactam

11.788min (-0.002) 20.46ng/ul m

response 8321

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	147.29
56.00	115.90	116.54
0.00	0.00	0.00

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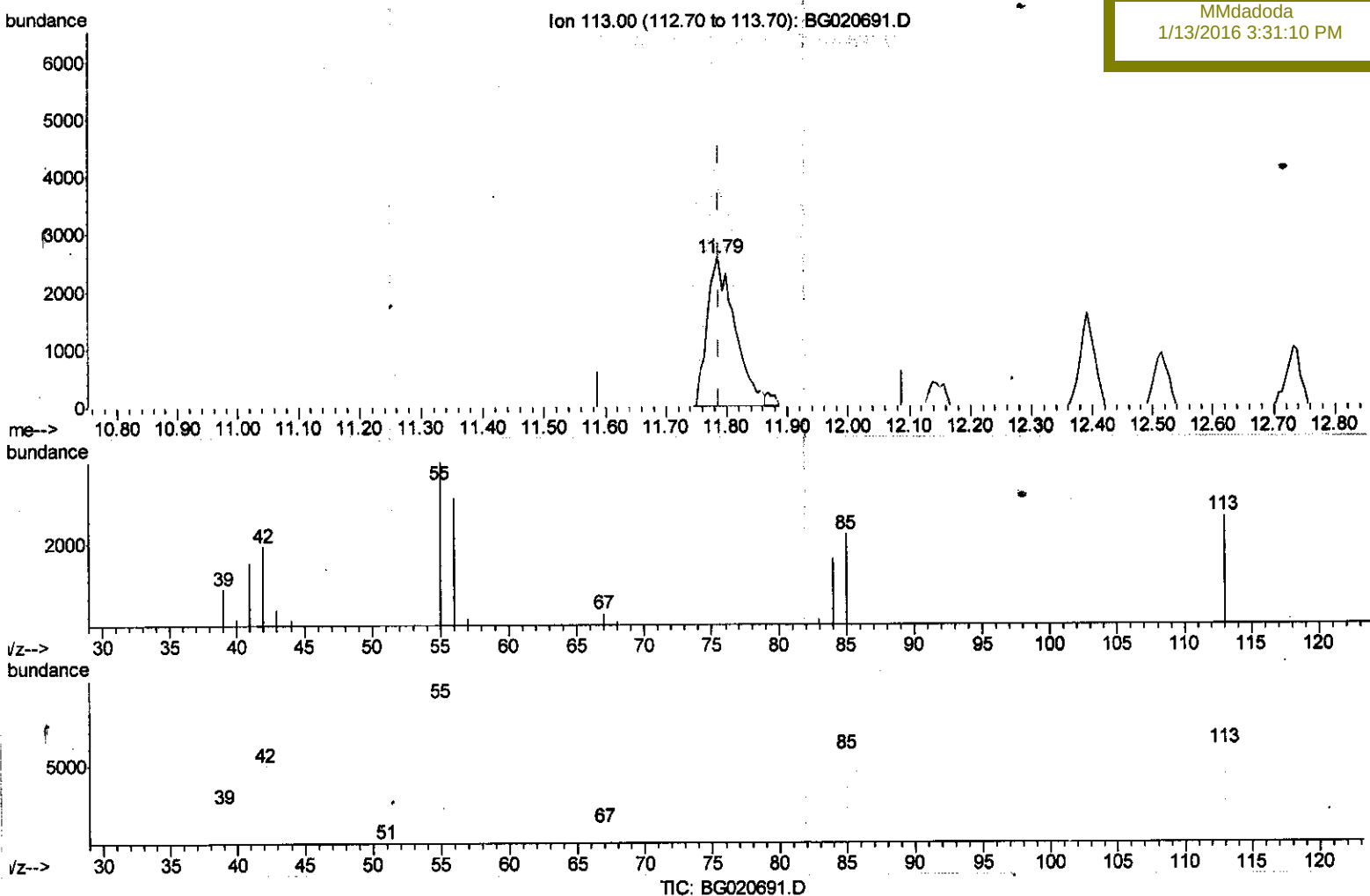
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Manual Integrations
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(32) Caprolactam

11.788min (-0.002) 19.95ng/ul

response 8114

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	147.29
56.00	115.90	116.54
0.00	0.00	0.00

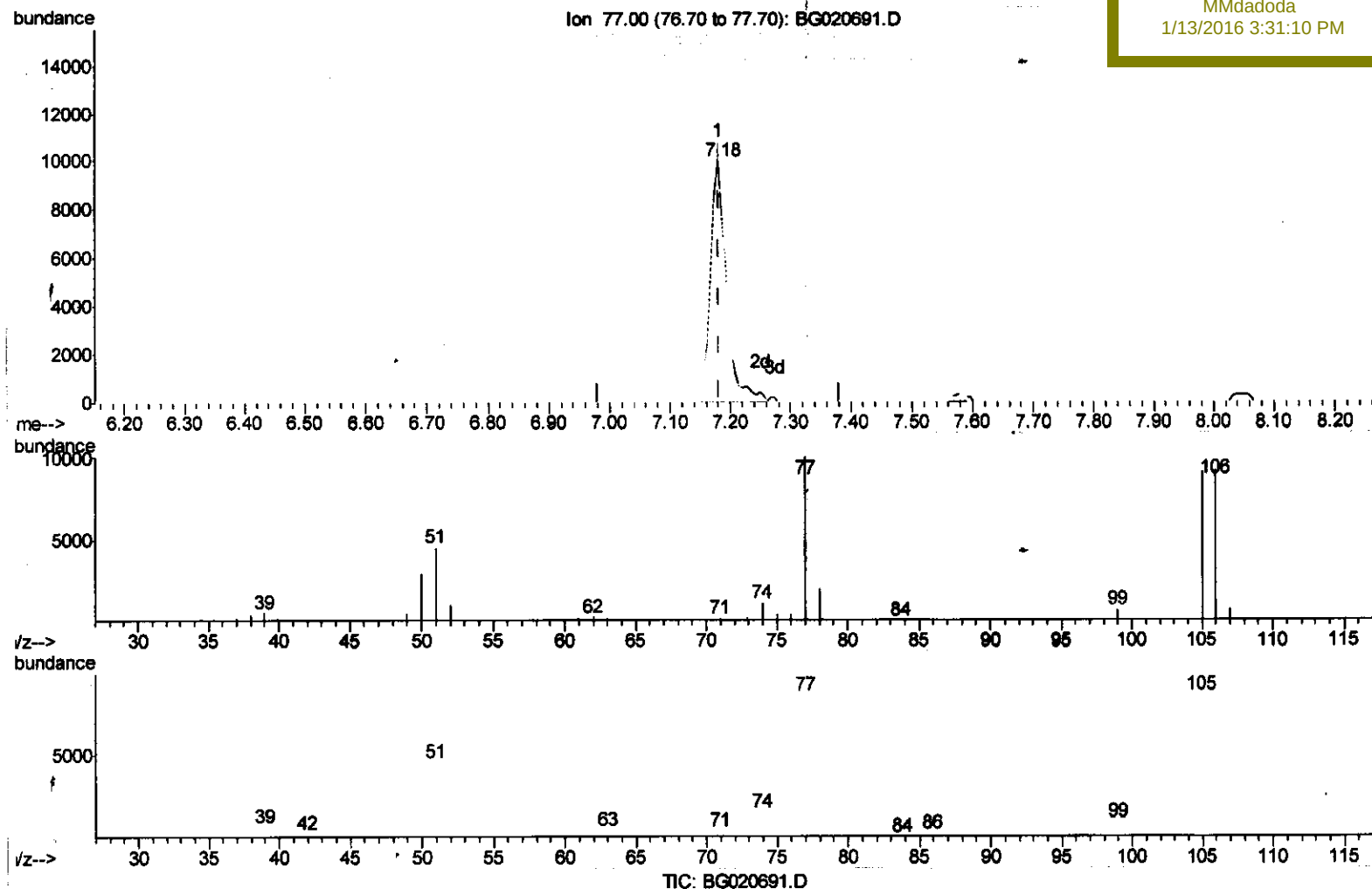
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Manual Integrations
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(4) Benzaldehyde

7.180min (-0.002) 20.02ng/ul m

response 18117

Ion	Exp%	Act%
77.00	100	100
105.00	88.80	90.94
106.00	86.90	92.08
0.00	0.00	0.00

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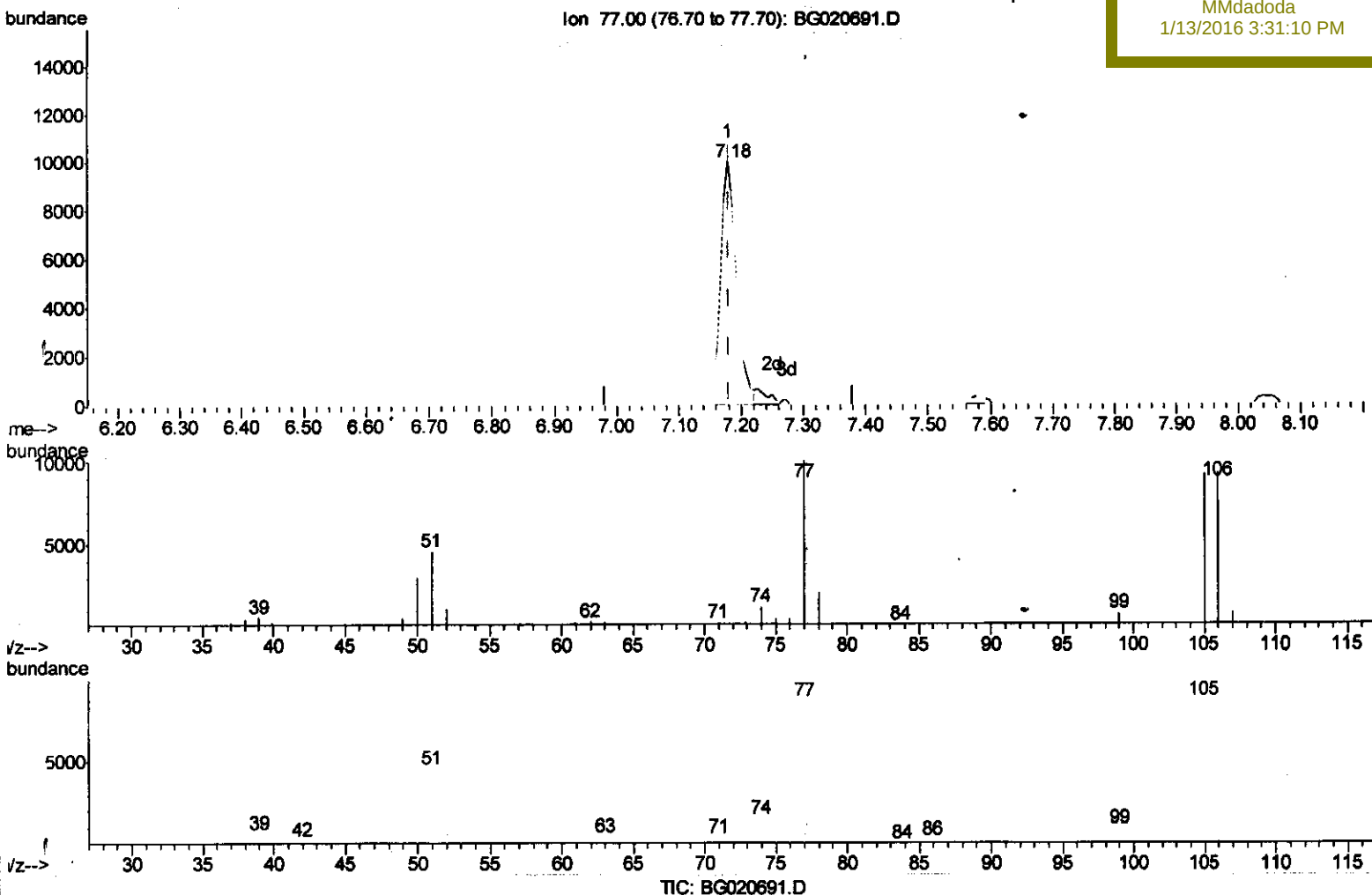
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 Operator : SJ/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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Instrument :
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Manual Integrations
 APPROVED

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(4) Benzaldehyde

7.180min (-0.002) 19.08ng/ul

response 17266

Ion	Exp%	Act%
77.00	100	100
105.00	88.80	90.94
106.00	86.90	92.08
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	51608	20.16	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	39324	20.69	ng/ul	97
38) Hexachlorocyclopentadiene	12.86	237	4222	10.34	ng/ul#	89
39) 2,4,6-Trichlorophenol	13.12	196	20521	19.79	ng/ul	96
40) 2,4,5-Trichlorophenol	13.20	196	23977m	21.07	ng/ul	98
41) 1,1'-Biphenyl	13.51	154	76216	20.50	ng/ul	97
42) 2-Chloronaphthalene	13.56	162	61239	20.22	ng/ul	93
43) 2-Nitroaniline	13.77	65	17727	20.35	ng/ul	98
45) Dimethylphthalate	14.13	163	87526	20.09	ng/ul	95
46) 2,6-Dinitrotoluene	14.26	165	17143	20.40	ng/ul	99
48) Acenaphthylene	14.41	152	98081	20.54	ng/ul#	96
49) 3-Nitroaniline	14.59	138	15532	20.30	ng/ul	99
50) Acenaphthene	14.75	153	67342	12.30	ng/ul	92
51) 2,4-Dinitrophenol	14.82	184	2724	18.80	ng/ul	98
53) 4-Nitrophenol	14.91	109	9452	20.61	ng/ul	98
54) Dibenzofuran	15.08	168	102925	20.27	ng/ul#	100
55) 2,4-Dinitrotoluene	15.05	165	26019	20.29	ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.31	232	20567	20.06	ng/ul	98
57) Diethylphthalate	15.49	149	88716	20.57	ng/ul	97
59) Fluorene	15.73	166	83778	20.23	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.72	204	47850	21.50	ng/ul	94
61) 4-Nitroaniline	15.76	138	18821	18.56	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.82	198	13953	19.93	ng/ul	95
65) N-Nitrosodiphenylamine	15.93	169	74193	19.78	ng/ul	99
66) 4-Bromophenyl-phenylether	16.61	248	32142	19.50	ng/ul	97
67) Hexachlorobenzene	16.73	284	35122	19.97	ng/ul	97
68) Atrazine	16.87	200	32981	17.08	ng/ul	91
69) Pentachlorophenol	17.09	266	8401	19.93	ng/ul	98
70) Phenanthrene	17.47	178	152380	20.01	ng/ul	98
72) Anthracene	17.56	178	154474	19.40	ng/uL	98
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	35857	19.99	ng/uL	98
74) Pentachlorobenzene	15.00	250	38493	20.93	ng/ul	98
75) Carbazole	17.83	167	132405	20.15	ng/ul	99
76) Di-n-butylphthalate	18.38	149	155888	21.17	ng/ul	99
77) Fluoranthene	19.48	202	196805	20.28	ng/ul	99
80) Pyrene	19.84	202	204619	20.25	ng/ul	96
81) Butylbenzylphthalate	20.72	149	68689	19.91	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.59	252	62527	20.35	ng/ul	100
83) Benzo(a)anthracene	21.69	228	202038	20.14	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	100757	20.11	ng/ul	100
85) Chrysene	21.75	228	188745	20.30	ng/ul	100
87) Di-n-octyl phthalate	22.78	149	171656	19.49	ng/ul	99
88) Benzo(b)fluoranthene	23.92	252	187453	20.49	ng/ul	99
89) Benzo(k)fluoranthene	23.98	252	194653	20.19	ng/ul	99
91) Benzo(a)pyrene	24.80	252	186928	19.90	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.68	276	217358	20.20	ng/ul	99
93) Dibenzo(a,h)anthracene	28.72	278	181727	19.95	ng/ul	97
94) Benzo(g,h,i)perylene	29.84	276	179791			

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	15430	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	64371	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	46475	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	128508	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	159147	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	149335	20.00	ng/ul	-0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	2347	7.43	ng/uL	0.00
5) Phenol-d5	7.20	99	24301	18.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	15204	19.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	19930	19.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	21196	19.00	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	10142	19.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	11560	19.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	23120	20.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	22631	20.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	82544	20.35	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	92264	20.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	11316m	20.78	ng/ul	0.00
58) Fluorene-d10	15.68	176	73100	20.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	13373	19.13	ng/ul	0.00
71) Anthracene-d10	17.53	188	126877	20.14	ng/ul	0.00
79) Pyrene-d10	19.81	212	152210	20.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	158247	19.88	ng/ul	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	2838	7.44	ng/uL	94
4) Benzaldehyde	7.18	77	18117m	20.02	ng/ul	
6) Phenol	7.23	94	26728	18.80	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.46	93	20360	19.46	ng/ul	96
10) 2-Chlorophenol	7.60	128	20671	19.01	ng/ul	96
11) 2-Methylphenol	8.49	108	20639	18.85	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.57	45	26705	19.70	ng/ul#	95
14) Acetophenone	8.87	105	36667	19.93	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.85	70	18419	19.74	ng/ul	98
16) 4-Methylphenol	8.82	108	23311	19.20	ng/ul	99
17) Hexachloroethane	9.13	117	9060	19.60	ng/ul	97
20) Nitrobenzene	9.25	77	26609	20.15	ng/ul	98
21) Isophorone	9.78	82	52263	20.24	ng/ul	98
23) 2-Nitrophenol	9.98	139	12963	19.80	ng/ul	95
24) 2,4-Dimethylphenol	10.03	107	28295	20.57	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.26	93	29351	20.30	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	23919	20.06	ng/ul	99
28) Naphthalene	10.91	128	72671	19.98	ng/ul	97
30) 4-Chloroaniline	11.02	127	24003	20.09	ng/ul	99
31) Hexachlorobutadiene	11.19	225	20109	19.85	ng/ul#	89
32) Caprolactam	11.79	113	8321m	20.46	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	26562	20.64	ng/ul	94
34) 2-Methylnaphthalene	12.51	142	55061	20.29	ng/ul	98

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Internal Standards	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed