Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080415\
Data File : BG018269.D
Acq On : 5 Aug 2015 1:20
Operator : UM/TP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 05 05:56:59 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:27:11 2015
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02099

Manual Integrations APPROVED
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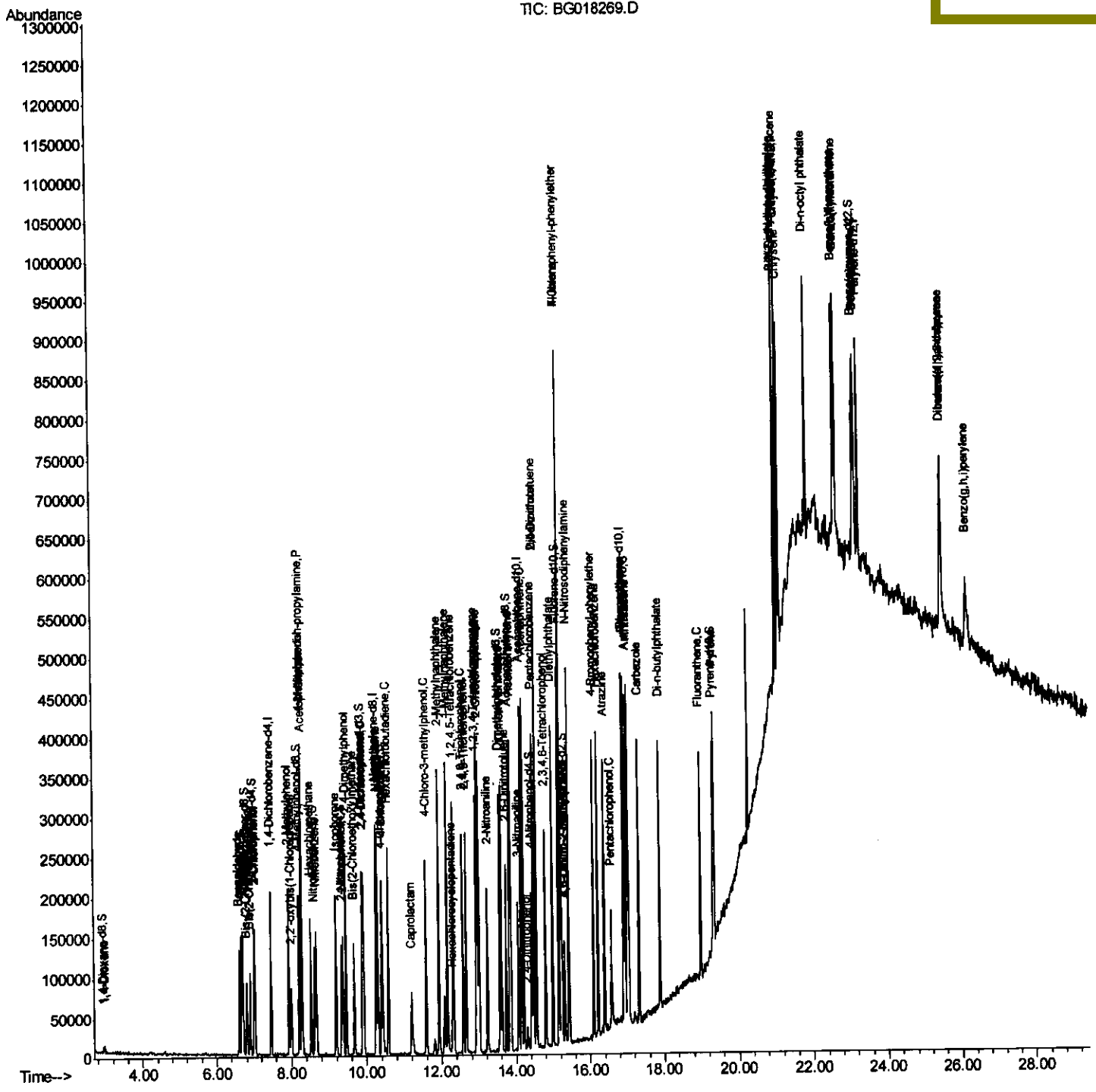
8/7/2015 4:41:13 PM



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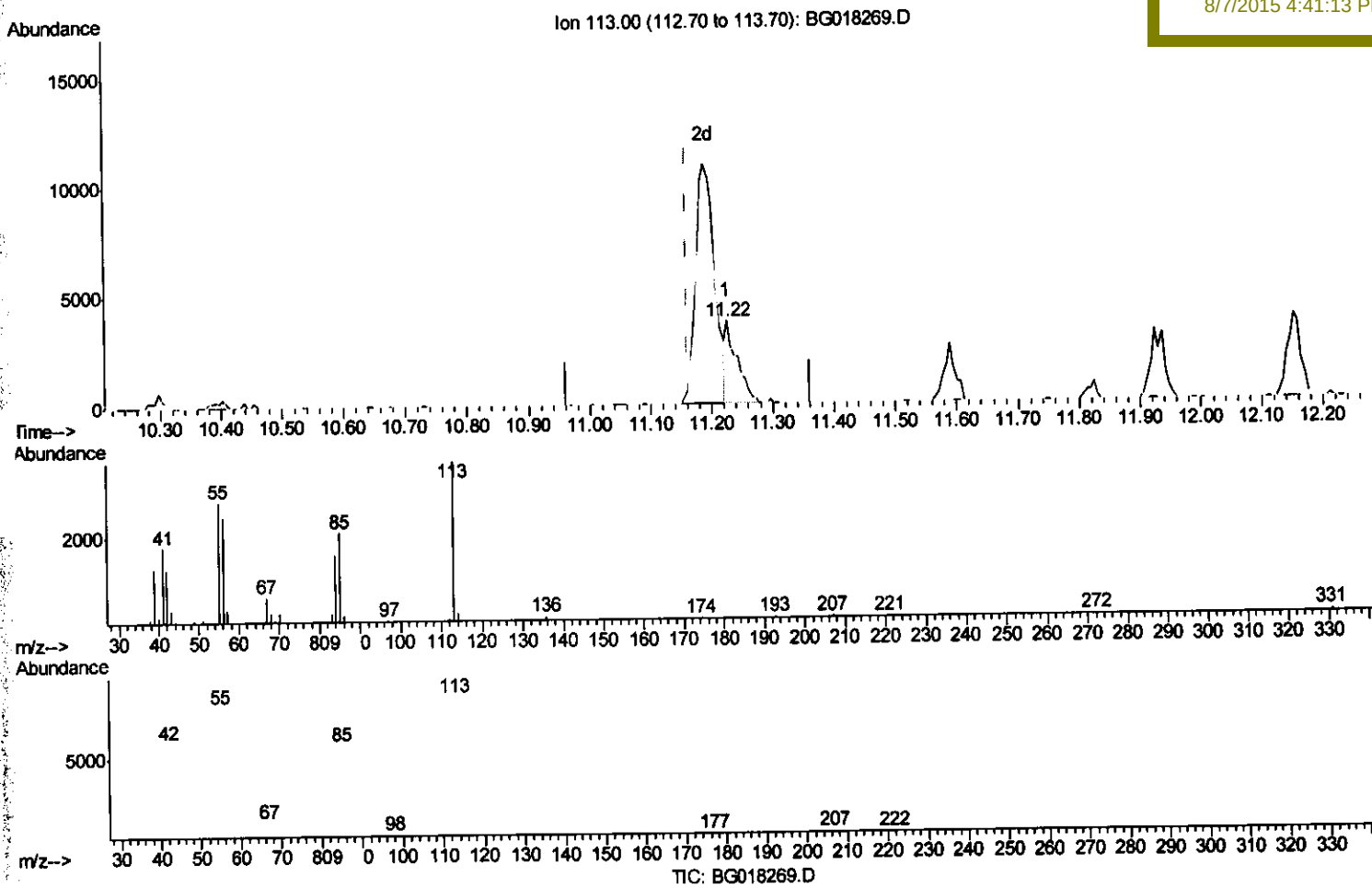

(32) Caprolactam

11.224min (+0.064) 2.92ng/ul

response 4964

Ion	Exp%	Act%
113.00	100	100
55.00	80.70	75.85
56.00	66.50	66.36
0.00	0.00	0.00

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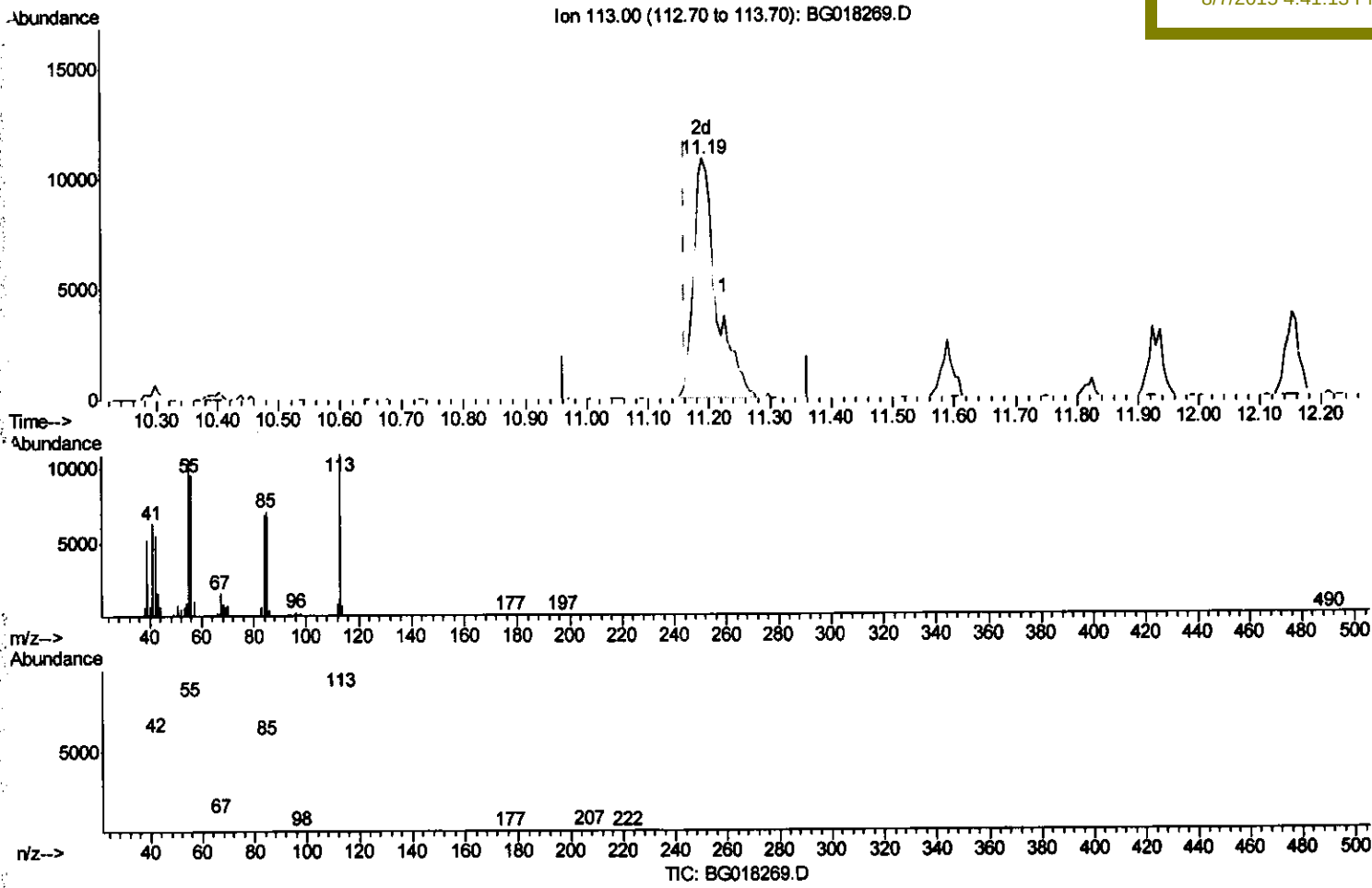

(32) Caprolactam

11.189min (+0.028) 16.30ng/ul m T.P 8/8/15

response 27735

Ion	Exp%	Act%
113.00	100	100
55.00	80.70	97.03#
56.00	66.50	87.75#
0.00	0.00	0.00

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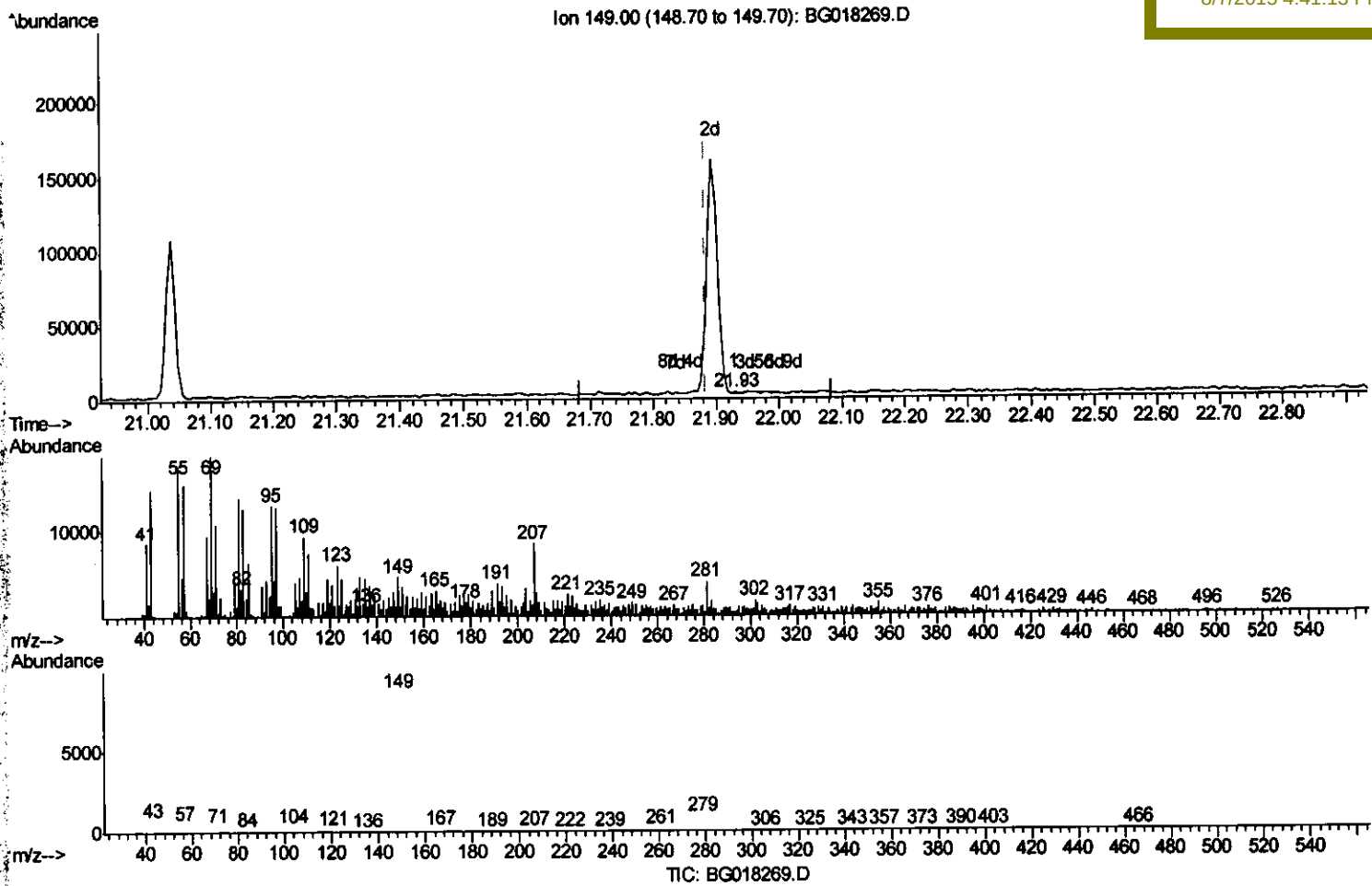

(87) Di-n-octyl phthalate

21.929min (+0.046) 0.07ng/ul

response 703

Ion	Exp%	Act%
149.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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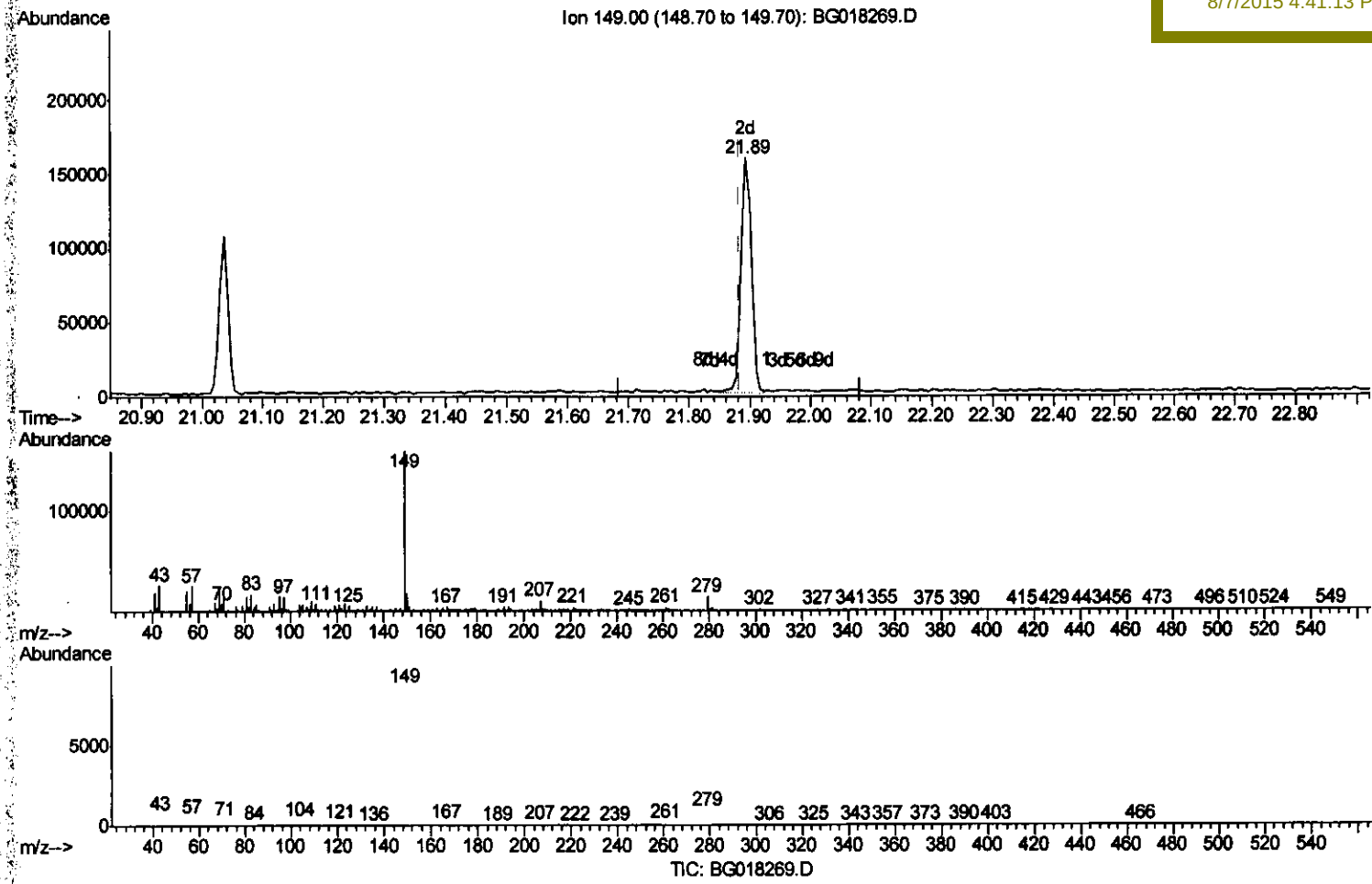

TIC: BG018269.D

(87) Di-n-octyl phthalate

21.894min (+0.011) 19.77ng/ul m T.P 8/8/15

response 188709

Ion	Exp%	Act%
149.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
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	7.46	152	50456	20.00	ng/ul	0.01
18) Naphthalene-d8	10.25	136	224255	20.00	ng/ul	0.02
36) Acenaphthene-d10	14.14	164	140679	20.00	ng/ul	0.02
62) Phenanthrene-d10	16.91	188	248397	20.00	ng/ul	0.02
78) Chrysene-d12	21.12	240	170354	20.00	ng/ul	0.02
86) Perylene-d12	23.30	264	180779	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.93	96	3753	5.62	ng/uL	0.00
5) Phenol-d5	6.67	99	76795	16.93	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.81	67	35951	15.50	ng/ul	0.02
9) 2-Chlorophenol-d4	7.00	132	65580	19.14	ng/ul	0.01
13) 4-Methylphenol-d8	8.20	113	65204	17.65	ng/ul	0.02
19) Nitrobenzene-d5	8.62	128	34479	19.52	ng/ul	0.01
22) 2-Nitrophenol-d4	9.34	143	39570	19.52	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.89	165	75216	20.99	ng/ul	0.02
29) 4-Chloroaniline-d4	10.40	131	90846	20.34	ng/ul	0.02
44) Dimethylphthalate-d6	13.56	166	202581	18.64	ng/ul	0.02
47) Acenaphthylene-d8	13.83	160	251200	19.93	ng/ul	0.02
52) 4-Nitrophenol-d4	14.41	143	29021	14.42	ng/ul	0.02
58) Fluorene-d10	15.15	176	182946	18.60	ng/ul	0.02
63) 4,6-Dinitro-2-methylphenol	15.30	200	18985	10.95	ng/ul	0.02
71) Anthracene-d10	17.01	188	213158	19.74	ng/ul	0.02
79) Pyrene-d10	19.31	212	121753	14.77	ng/ul	0.02
90) Benzo(a)pyrene-d12	23.16	264	177490	19.41	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	2.97	88	3677	4.77	ng/uL#	87
4) Benzaldehyde	6.61	77	41467	16.90	ng/ul#	81
6) Phenol	6.70	94	75439	16.37	ng/ul#	71
8) Bis(2-Chloroethyl)ether	6.89	93	53591	16.06	ng/ul	98
10) 2-Chlorophenol	7.04	128	63990	19.29	ng/ul#	84
11) 2-Methylphenol	7.93	108	61885	17.02	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.00	45	42467	14.47	ng/ul	96
14) Acetophenone	8.29	105	100651	17.51	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.27	70	47191	14.46	ng/ul#	91
16) 4-Methylphenol	8.26	108	68055	16.91	ng/ul	100
17) Hexachloroethane	8.52	117	29049	18.86	ng/ul	96
20) Nitrobenzene	8.66	77	74075	17.54	ng/ul#	90
21) Isophorone	9.18	82	140291	16.06	ng/ul#	91
23) 2-Nitrophenol	9.37	139	41073	19.86	ng/ul#	57
24) 2,4-Dimethylphenol	9.46	107	84486	18.97	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.67	93	73990	16.38	ng/ul	97
27) 2,4-Dichlorophenol	9.92	162	69599	20.00	ng/ul	94
28) Naphthalene	10.30	128	206846	19.16	ng/ul	97
30) 4-Chloroaniline	10.42	127	89989	19.98	ng/ul	99
31) Hexachlorobutadiene	10.57	225	55079	22.69	ng/ul	94
32) Caprolactam	11.19	113	27735m	16.30	ng/ul	
33) 4-Chloro-3-methylphenol	11.59	107	81210	18.29	ng/ul#	82
34) 2-Methylnaphthalene	11.93	142	164979	19.30	ng/ul	96

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	156543	19.09 ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	12.31	216	90290	22.88 ng/ul#	96
38) Hexachlorocyclopentadiene	12.28	237	10543	5.22 ng/ul	97
39) 2,4,6-Trichlorophenol	12.57	196	62512	23.53 ng/ul	96
40) 2,4,5-Trichlorophenol	12.65	196	65605	22.81 ng/ul	98
41) 1,1'-Biphenyl	12.96	154	206130	20.50 ng/ul	98
42) 2-Chloronaphthalene	13.00	162	164320	21.64 ng/ul	93
43) 2-Nitroaniline	13.23	65	47829	18.29 ng/ul#	71
45) Dimethylphthalate	13.61	163	200462	18.53 ng/ul	98
46) 2,6-Dinitrotoluene	13.74	165	45307	18.26 ng/ul#	77
48) Acenaphthylene	13.86	152	256469	20.49 ng/ul	97
49) 3-Nitroaniline	14.07	138	44390	20.31 ng/ul#	68
50) Acenaphthene	14.21	153	165347	20.28 ng/ul	98
51) 2,4-Dinitrophenol	14.30	184	6835	4.65 ng/ul#	45
53) 4-Nitrophenol	14.43	109	34043	16.76 ng/ul#	65
54) Dibenzofuran	14.55	168	236937	19.29 ng/ul#	82
55) 2,4-Dinitrotoluene	14.54	165	64342	17.85 ng/ul#	64
56) 2,3,4,6-Tetrachlorophenol	14.80	232	53232	18.80 ng/ul#	90
57) Diethylphthalate	14.98	149	198796	17.74 ng/ul	98
59) Fluorene	15.20	166	198223	18.70 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.20	204	106032	18.54 ng/ul	90
61) 4-Nitroaniline	15.24	138	43660	17.77 ng/ul#	34
64) 4,6-Dinitro-2-methylphenol	15.31	198	19920	10.86 ng/ul#	73
65) N-Nitrosodiphenylamine	15.42	169	165767	25.75 ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	65456	24.87 ng/ul#	86
67) Hexachlorobenzene	16.22	284	75343	23.71 ng/ul	98
68) Atrazine	16.39	200	60420	21.34 ng/ul	98
69) Pentachlorophenol	16.58	266	27316	15.74 ng/ul	93
70) Phenanthrene	16.95	178	243568	19.30 ng/ul	99
72) Anthracene	17.04	178	245593	19.56 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	90736	32.38 ng/uL	97
74) Pentachlorobenzene	14.47	250	92575	29.49 ng/uL	93
75) Carbazole	17.32	167	199715	19.14 ng/ul	95
76) Di-n-butylphthalate	17.88	149	221196	15.94 ng/ul#	98
77) Fluoranthene	18.98	202	149761	10.81 ng/ul#	88
80) Pyrene	19.34	202	156683	15.16 ng/ul#	88
82) 3,3'-Dichlorobenzidine	21.04	252	63169	17.58 ng/ul	97
83) Benzo(a)anthracene	21.10	228	176845	19.28 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.04	149	106454	18.80 ng/ul	94
85) Chrysene	21.15	228	164861	19.62 ng/ul	98
87) Di-n-octyl phthalate	21.89	149	188709m	19.77 ng/ul	
88) Benzo(b)fluoranthene	22.64	252	201262	18.53 ng/ul	98
89) Benzo(k)fluoranthene	22.69	252	190415	19.08 ng/ul	96
91) Benzo(a)pyrene	23.20	252	183588	18.90 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.51	276	178094	15.84 ng/ul#	91
93) Dibenzo(a,h)anthracene	25.52	278	162350	16.87 ng/ul#	95
94) Benzo(g,h,i)perylene	26.18	276	118800	12.94 ng/ul#	93

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