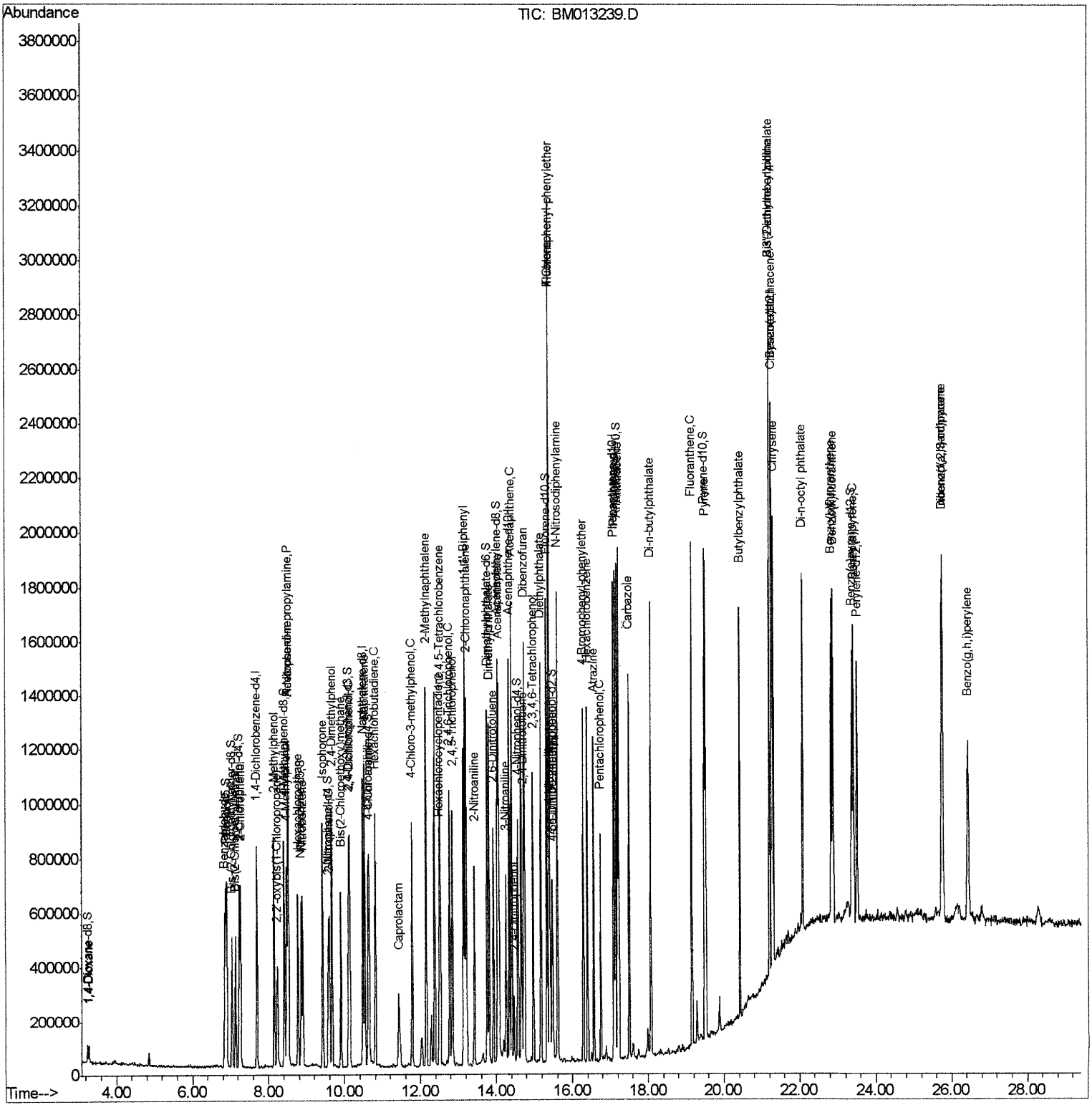
Data Path : Z:\HPCHEM1\BNA M\DATA\BM120717\
Data File : BM013239.D
Acq On : 07 Dec 2017 12:30
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 08 01:39:05 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 07 04:35:17 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02020

Manual Integrations APPROVED
Sohil
12/8/2017 11:15:14 AM



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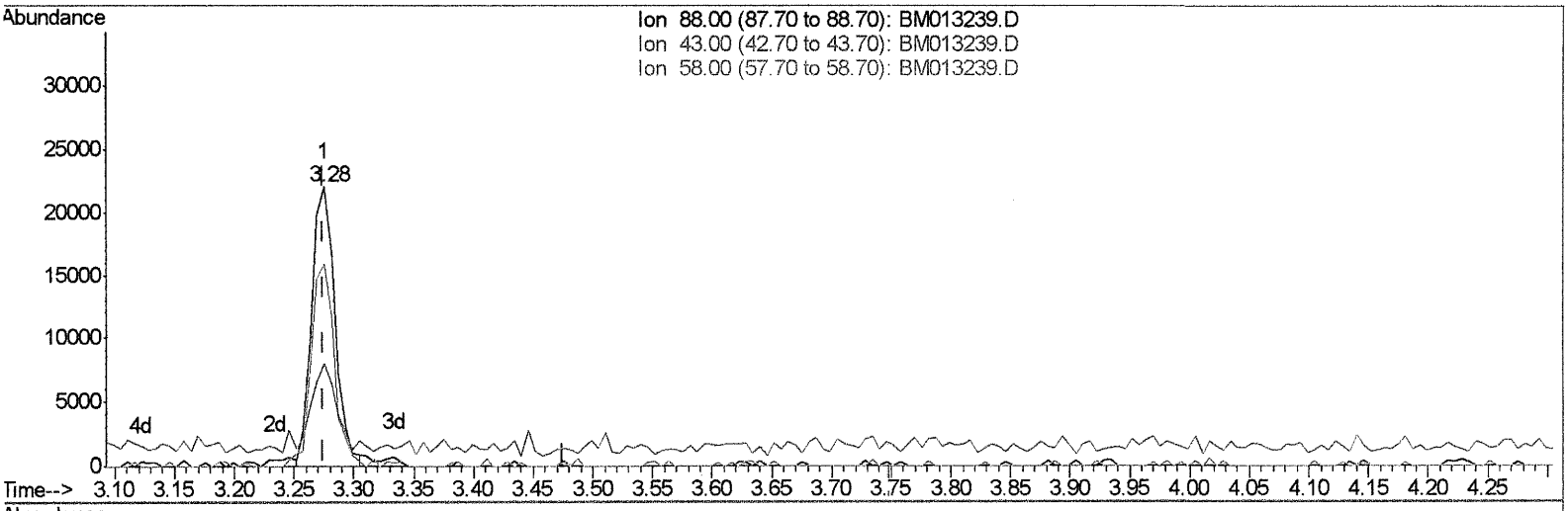

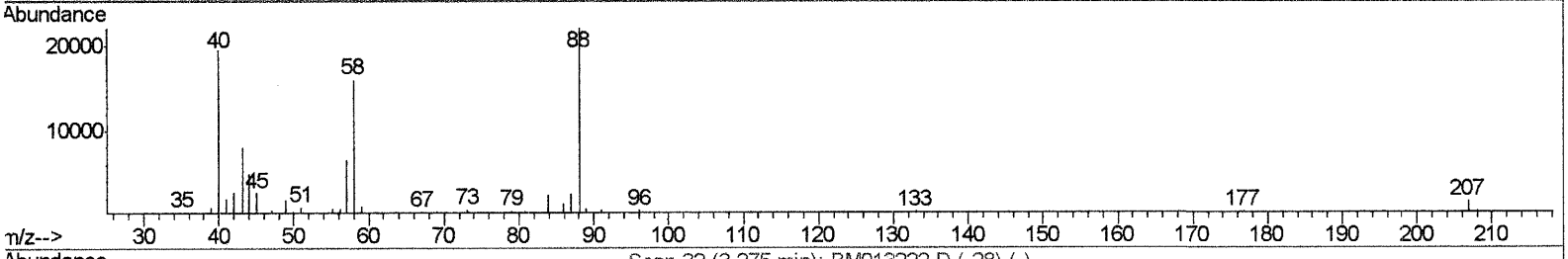

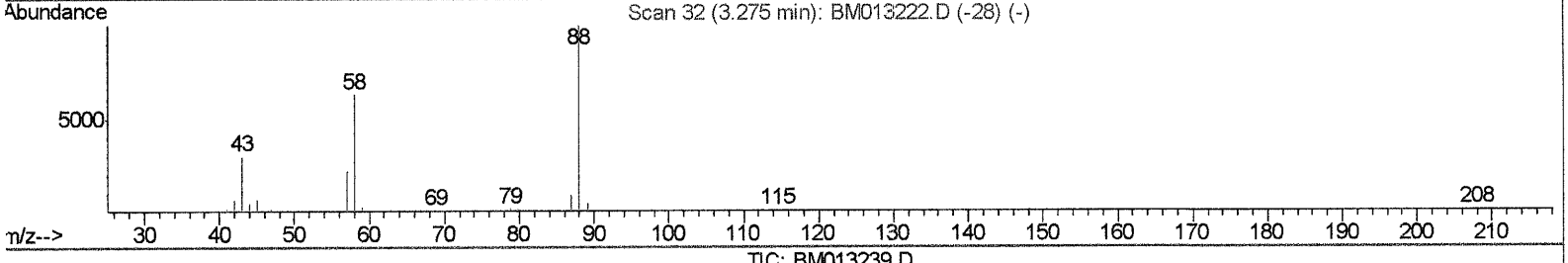

TIC: BM013239.D

(2) 1,4-Dioxane

3.275min (+0.000) 6.43ng/uL

response 29480

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	30.99#
58.00	100.00	70.44#
0.00	0.00	0.00

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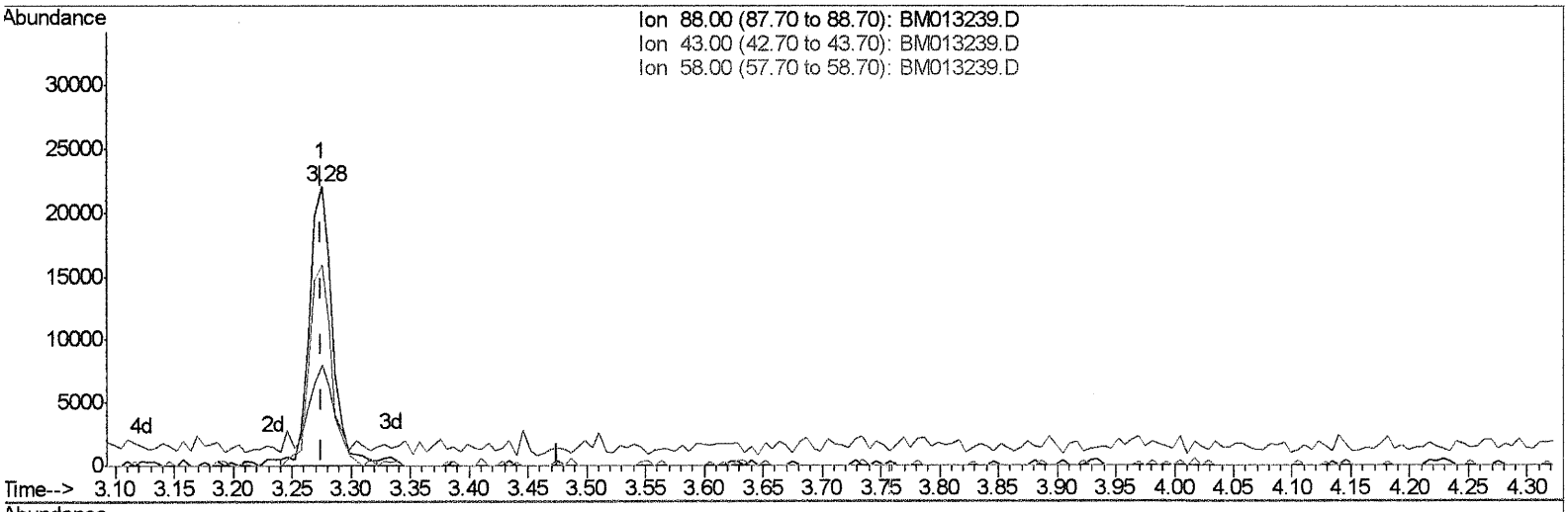

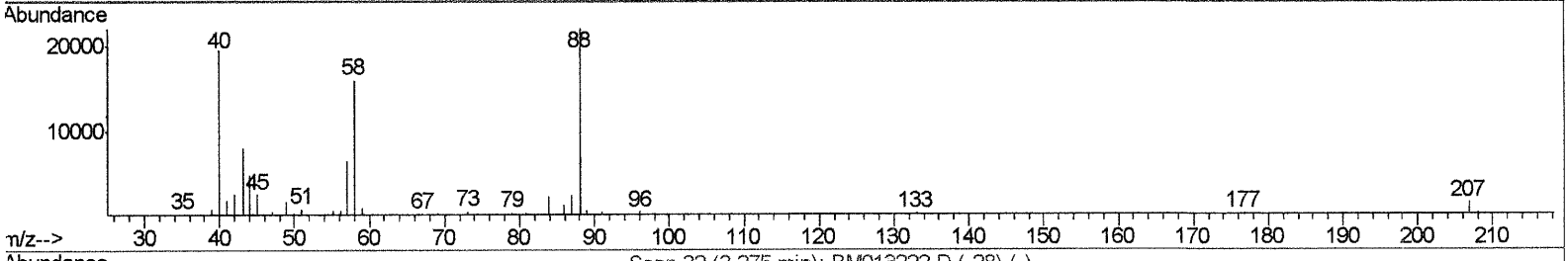

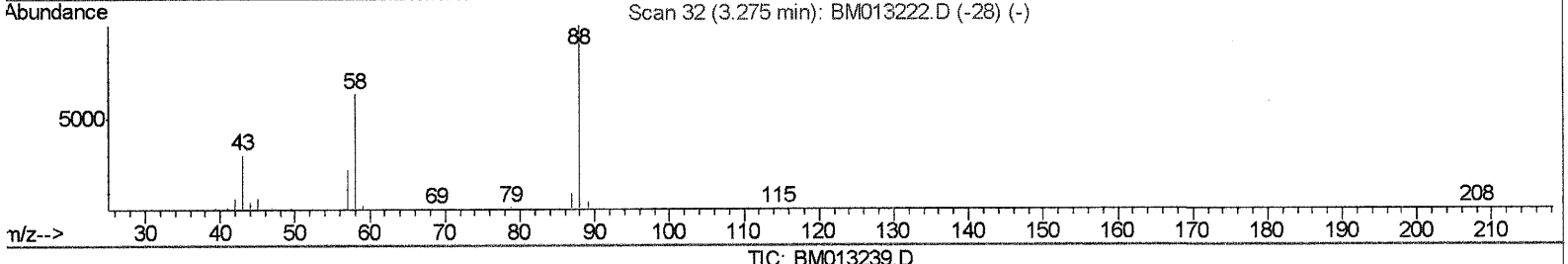

TIC: BM013239.D

(2) 1,4-Dioxane

3.275min (+0.000) 6.65ng/uL m SJ 12/11/17

response 30512

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	29.94#
58.00	100.00	68.06#
0.00	0.00	0.00

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Instrument :
BNA_M
LabSampleId :
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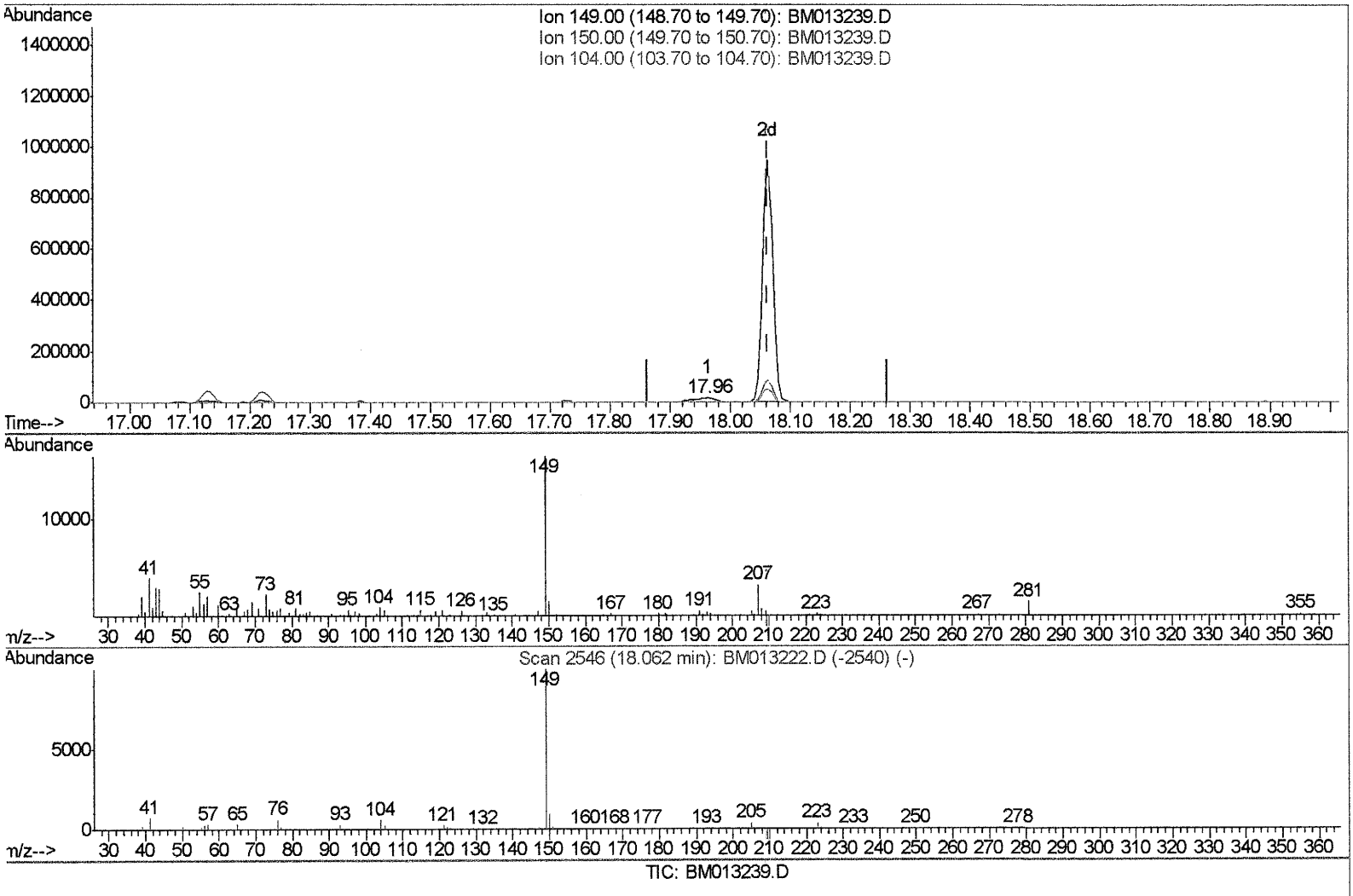
Manual Integrations APPROVED
Sohil
12/8/2017 11:15:14 AM



TIC: BM013239.D

(73) Di-n-butylphthalate

17.962min (-0.100) 0.49ng/ul

response 28171

Ion	Exp%	Act%
149.00	100	100
150.00	8.90	10.33
104.00	7.00	6.94
0.00	0.00	0.00

Quantitation Report (Quan)

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Sohil
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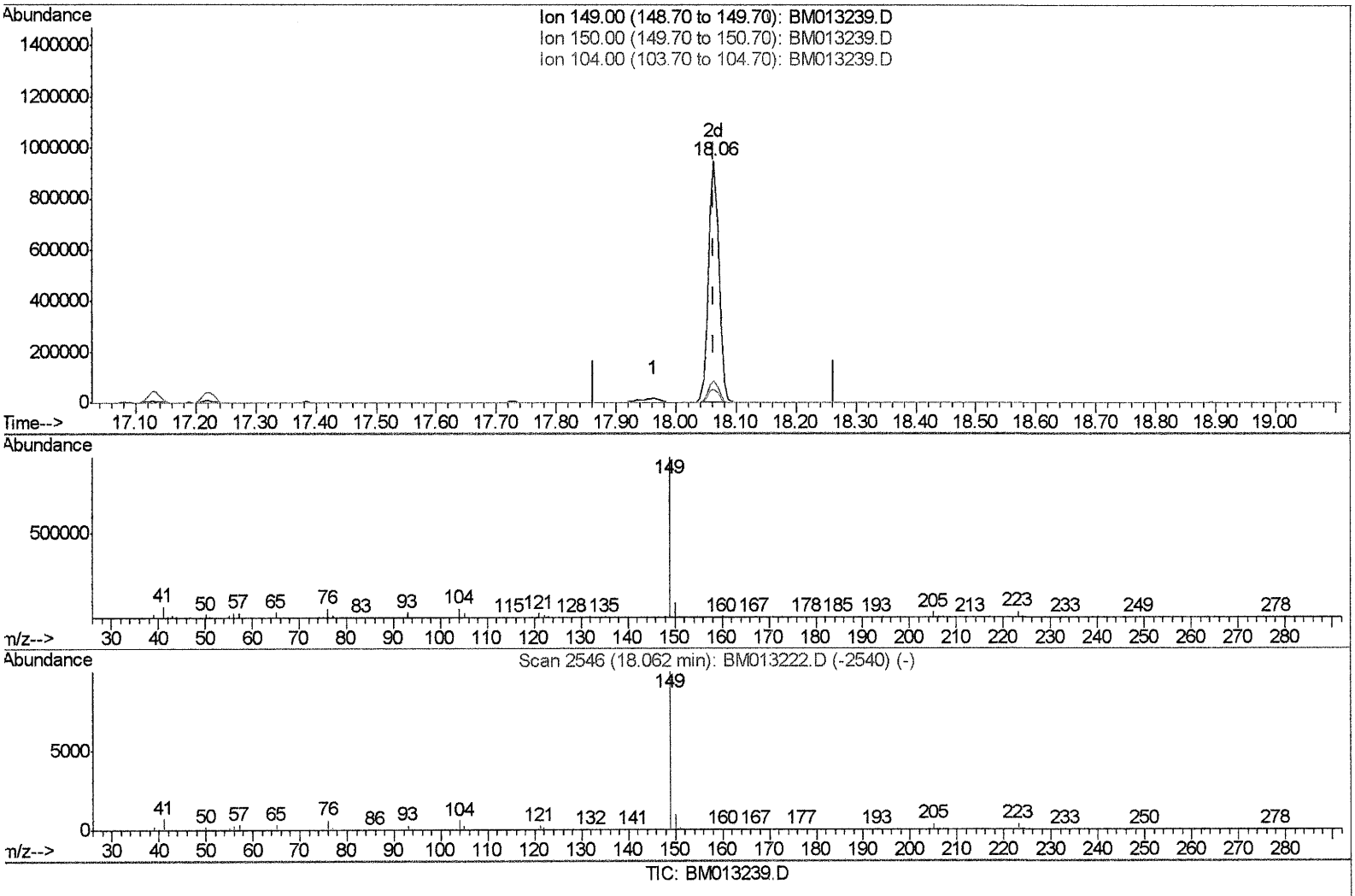

TIC: BM013239.D

(73) Di-n-butylphthalate

18.062min (+0.000) 19.55ng/ul m > SJ 12/11/17

response 1133483

Ion	Exp%	Act%
149.00	100	100
150.00	8.90	8.91
104.00	7.00	5.55#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	202365	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	845086	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	485742	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	994126	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	714352	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	713267	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	27695	6.78	ng/uL	0.00
5) Phenol-d5	6.88	99	335551	19.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	193038	19.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	269940	19.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	287691	19.23	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	138837	20.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	157338	21.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	288339	19.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	328527	24.18	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	821049	18.99	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1038624	19.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	128298	17.08	ng/ul	0.00
57) Fluorene-d10	15.33	176	679997	18.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	96277	15.39	ng/ul	0.00
70) Anthracene-d10	17.19	188	980796	19.70	ng/ul	0.00
76) Pyrene-d10	19.49	212	881368	24.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	677323	18.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	30512m	6.652	ng/uL	
4) Benzaldehyde	6.85	77	179278	20.693	ng/ul	92
6) Phenol	6.90	94	334685	19.337	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.13	93	251827	19.029	ng/ul	98
10) 2-Chlorophenol	7.27	128	271775	20.258	ng/ul	95
11) 2-Methylphenol	8.15	108	260957	19.494	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.22	45	276762	19.918	ng/ul#	82
14) Acetophenone	8.52	105	442081	19.434	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.50	70	220166	19.215	ng/ul#	65
16) 4-Methylphenol	8.47	108	272943	19.067	ng/ul	91
17) Hexachloroethane	8.77	117	116274	19.907	ng/ul#	73
20) Nitrobenzene	8.89	77	316448	18.744	ng/ul	95
21) Isophorone	9.42	82	587665	19.782	ng/ul#	93
23) 2-Nitrophenol	9.60	139	153921	20.699	ng/ul#	74
24) 2,4-Dimethylphenol	9.66	107	316908	19.540	ng/ul	88
25) Bis(2-Chloroethoxy)methane	9.90	93	351639	20.226	ng/ul	95
27) 2,4-Dichlorophenol	10.13	162	270801	19.835	ng/ul#	89
28) Naphthalene	10.53	128	852645	19.611	ng/ul	99
30) 4-Chloroaniline	10.65	127	317764	24.161	ng/ul	94
31) Hexachlorobutadiene	10.81	225	188594	19.070	ng/ul	93
32) Caprolactam	11.42	113	81253	18.621	ng/ul#	33
33) 4-Chloro-3-methylphenol	11.77	107	289106	19.303	ng/ul	97
34) 2-Methylnaphthalene	12.15	142	629727	19.267	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	346734	19.782 ng/ul	97
37) Hexachlorocyclopentadiene	12.49	237	165775	14.370 ng/ul	96
38) 2,4,6-Trichlorophenol	12.76	196	232642	21.290 ng/ul	97
39) 2,4,5-Trichlorophenol	12.84	196	235371	20.278 ng/ul	97
40) 1,1'-Biphenyl	13.17	154	811274	19.762 ng/ul	99
41) 2-Chloronaphthalene	13.21	162	635353	19.727 ng/ul	98
42) 2-Nitroaniline	13.42	65	187792	19.901 ng/ul#	85
44) Dimethylphthalate	13.80	163	770129	18.628 ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	167445	19.859 ng/ul	96
47) Acenaphthylene	14.06	152	961154	19.471 ng/ul	99
48) 3-Nitroaniline	14.25	138	151694	20.127 ng/ul	93
49) Acenaphthene	14.40	153	643480	19.136 ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	47786	10.241 ng/ul	89
52) 4-Nitrophenol	14.57	109	114514	15.543 ng/ul	84
53) Dibenzofuran	14.74	168	917858	18.490 ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	227828	18.575 ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.97	232	200385	18.829 ng/ul#	88
56) Diethylphthalate	15.17	149	790674	19.069 ng/ul	93
58) Fluorene	15.39	166	740784	18.038 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.39	204	399603	17.928 ng/ul	98
60) 4-Nitroaniline	15.42	138	134365	15.111 ng/ul#	95
63) 4,6-Dinitro-2-methylphenol	15.48	198	96306	15.410 ng/ul	92
64) N-Nitrosodiphenylamine	15.60	169	624448	21.323 ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	242711	20.769 ng/ul	99
66) Hexachlorobenzene	16.39	284	258500	20.058 ng/ul	93
67) Atrazine	16.56	200	225860	20.895 ng/ul	93
68) Pentachlorophenol	16.74	266	136434	18.304 ng/ul	95
69) Phenanthrene	17.13	178	1086512	19.238 ng/ul	98
71) Anthracene	17.22	178	1100812	19.068 ng/ul	99
72) Carbazole	17.49	167	879832	17.719 ng/ul	98
73) Di-n-butylphthalate	18.06	149	1133483m	19.554 ng/ul	
74) Fluoranthene	19.15	202	1100584	15.902 ng/ul#	93
77) Pyrene	19.51	202	1075096	24.772 ng/ul#	92
78) Butylbenzylphthalate	20.42	149	399950	23.586 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.20	252	245060	16.319 ng/ul	92
80) Benzo(a)anthracene	21.26	228	903178	19.927 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.20	149	541273	21.177 ng/ul#	97
82) Chrysene	21.32	228	818953	19.476 ng/ul	99
84) Di-n-octyl phthalate	22.08	149	862291	17.001 ng/ul#	96
85) Benzo(b)fluoranthene	22.84	252	826254	17.184 ng/ul#	96
86) Benzo(k)fluoranthene	22.88	252	834149	18.435 ng/ul#	98
88) Benzo(a)pyrene	23.41	252	813587	18.836 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.75	276	1020445	23.811 ng/ul#	94
90) Dibenzo(a,h)anthracene	25.76	278	852364	23.357 ng/ul#	98
91) Benzo(g,h,i)perylene	26.43	276	845950	25.025 ng/ul#	96

SJ 12/11/17

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