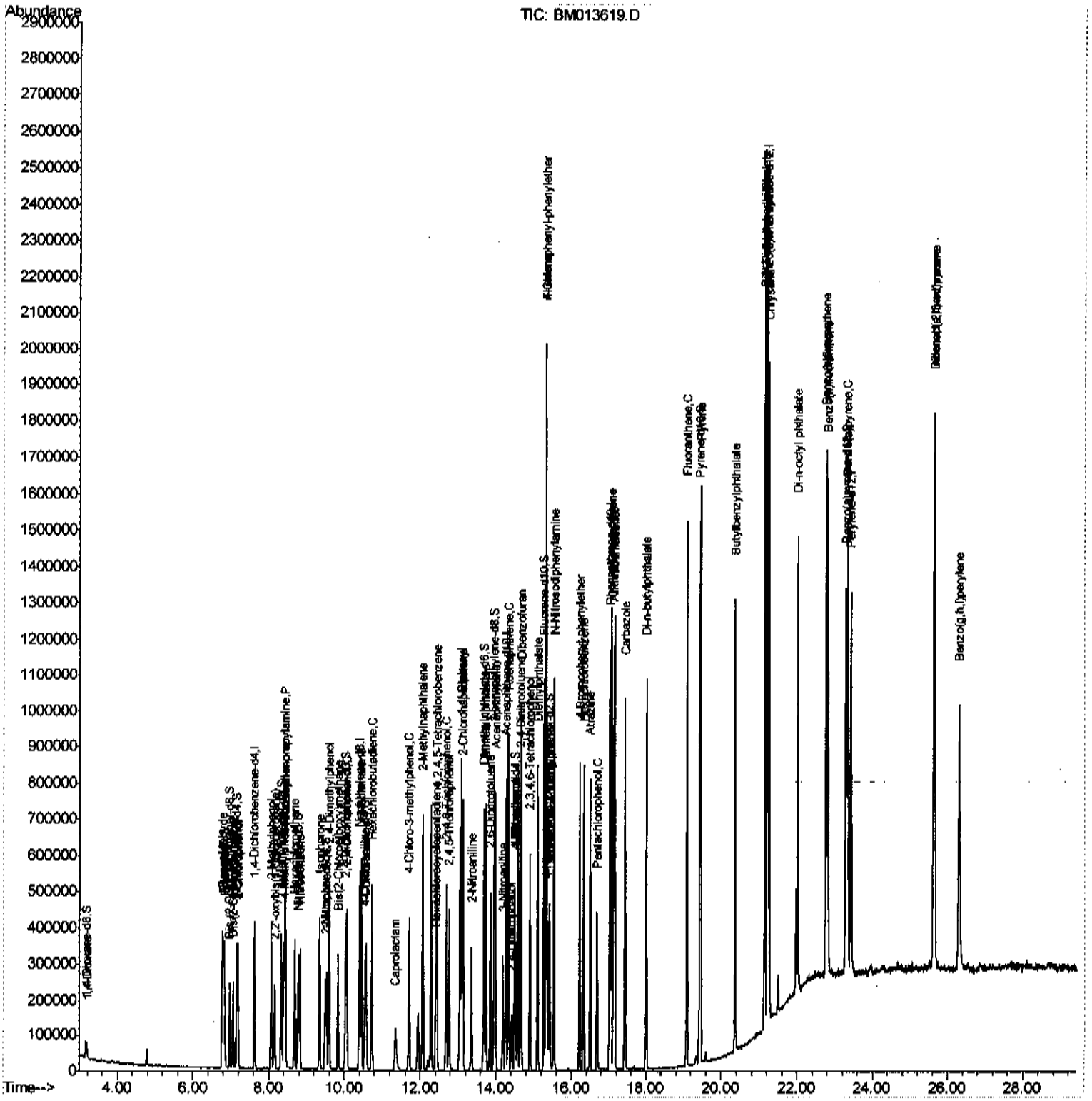
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013619.D
Acq On : 16 Jan 2018 12:52
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 17 00:52:01 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 07:13:29 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02022

Manual Integrations APPROVED
Sohil
1/17/2018 10:44:05 AM



Data Path : Z:\HPCHEM1\BNA M\DATA\BM011618\
Data File : BM013619.D
Acq On : 16 Jan 2018 12:52
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
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Quant Time: Jan 17 00:47:46 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
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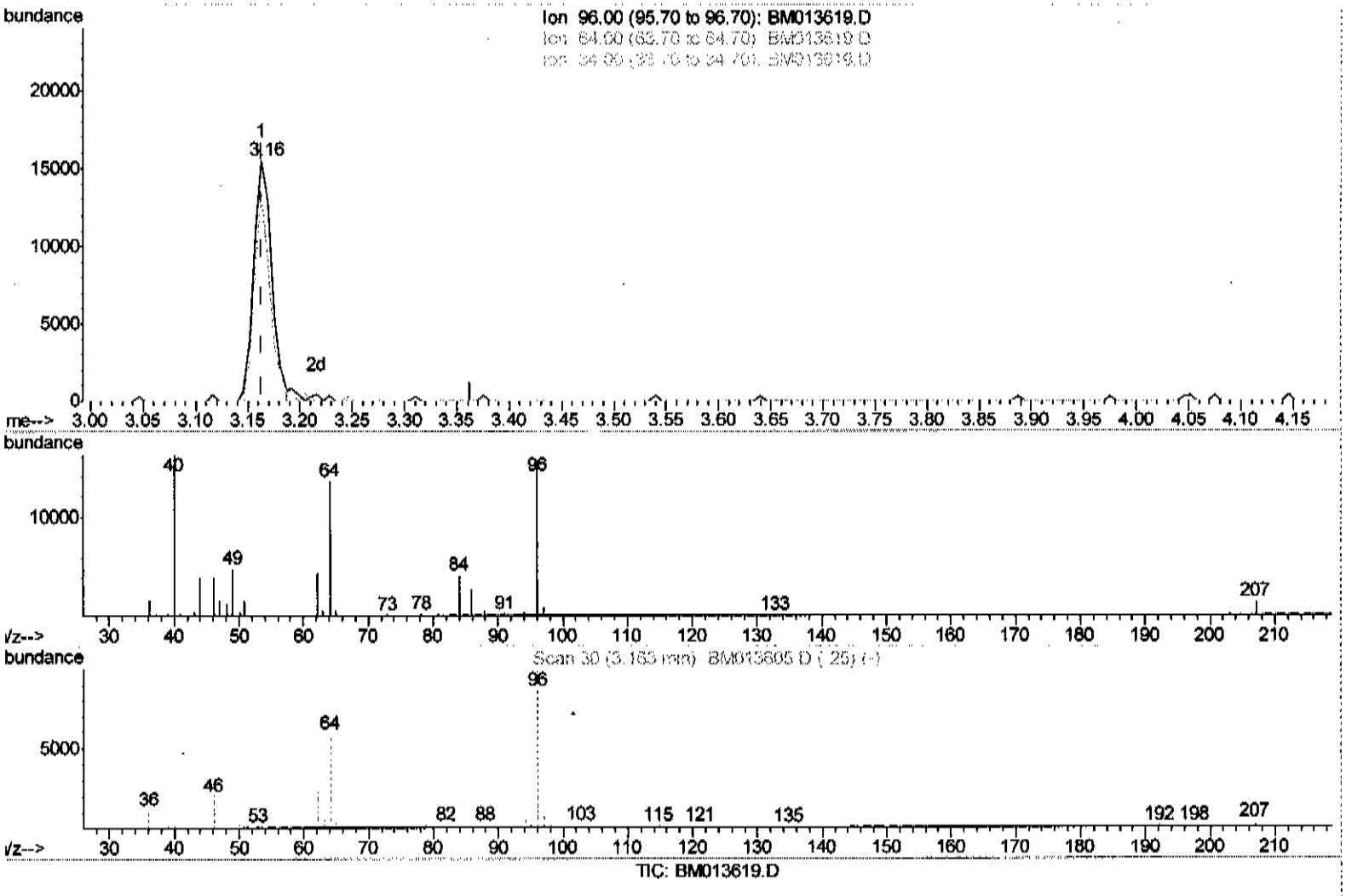

TIC: BM013619.D

(3) 1,4-Dioxane-d8 (S)

3.163min (+0.000) 7.04ng/uL

response 18480

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	77.81
34.00	0.00	0.00
0.00	0.00	0.00

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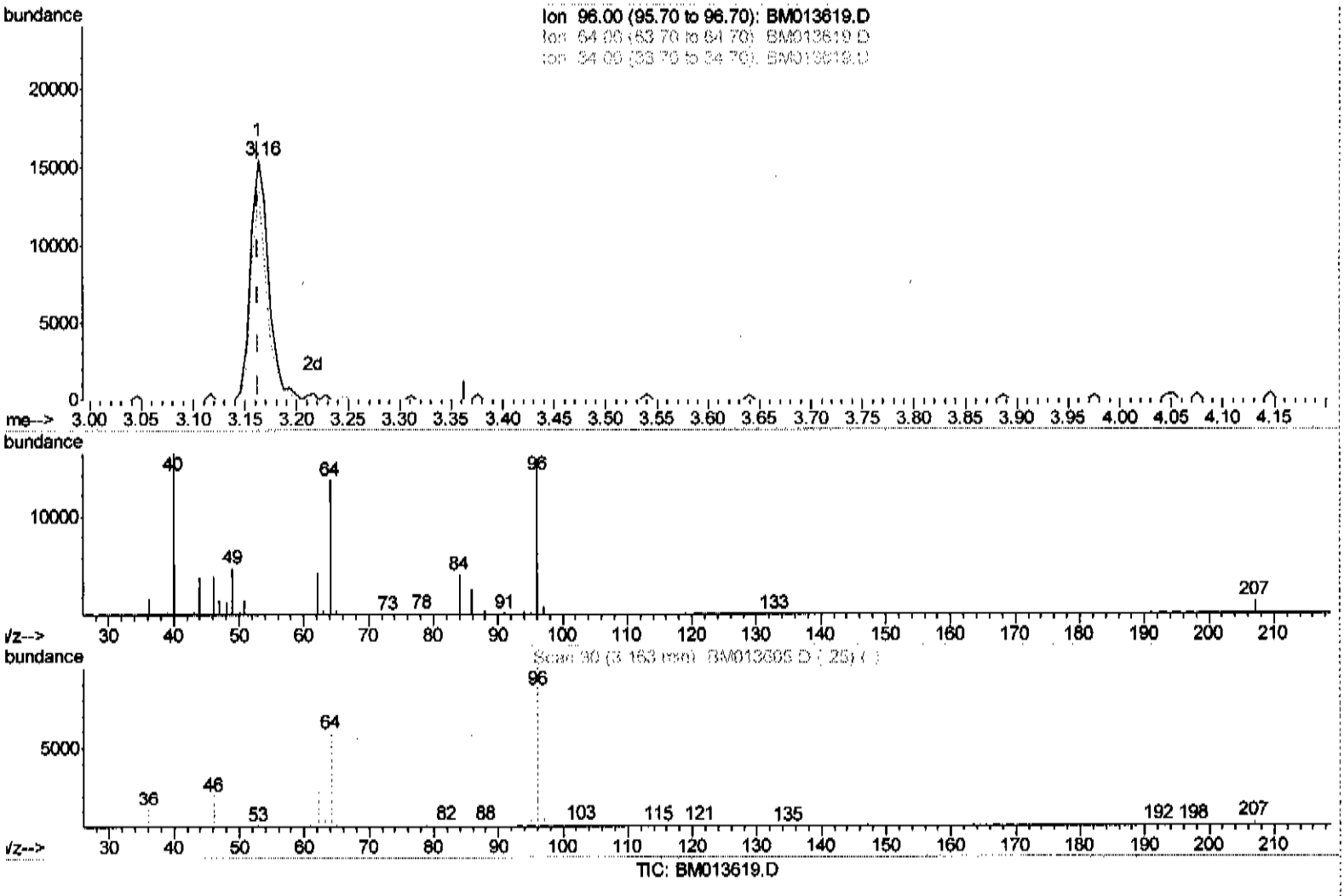
Manual Integrations APPROVED
Sohil
1/17/2018 10:44:05 AM



(3) 1,4-Dioxane-d8 (S)

3.163min (+0.000) 7.20ng/uL m JU 01/17/18

response 18895

Ion	Exp%	Act%
96.00	100	100
64.00	74.90	76.10
34.00	0.00	0.00
0.00	0.00	0.00

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Acq On : 16 Jan 2018 12:52
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 17 00:50:28 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 07:13:29 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
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Manual Integrations APPROVED
Sohil
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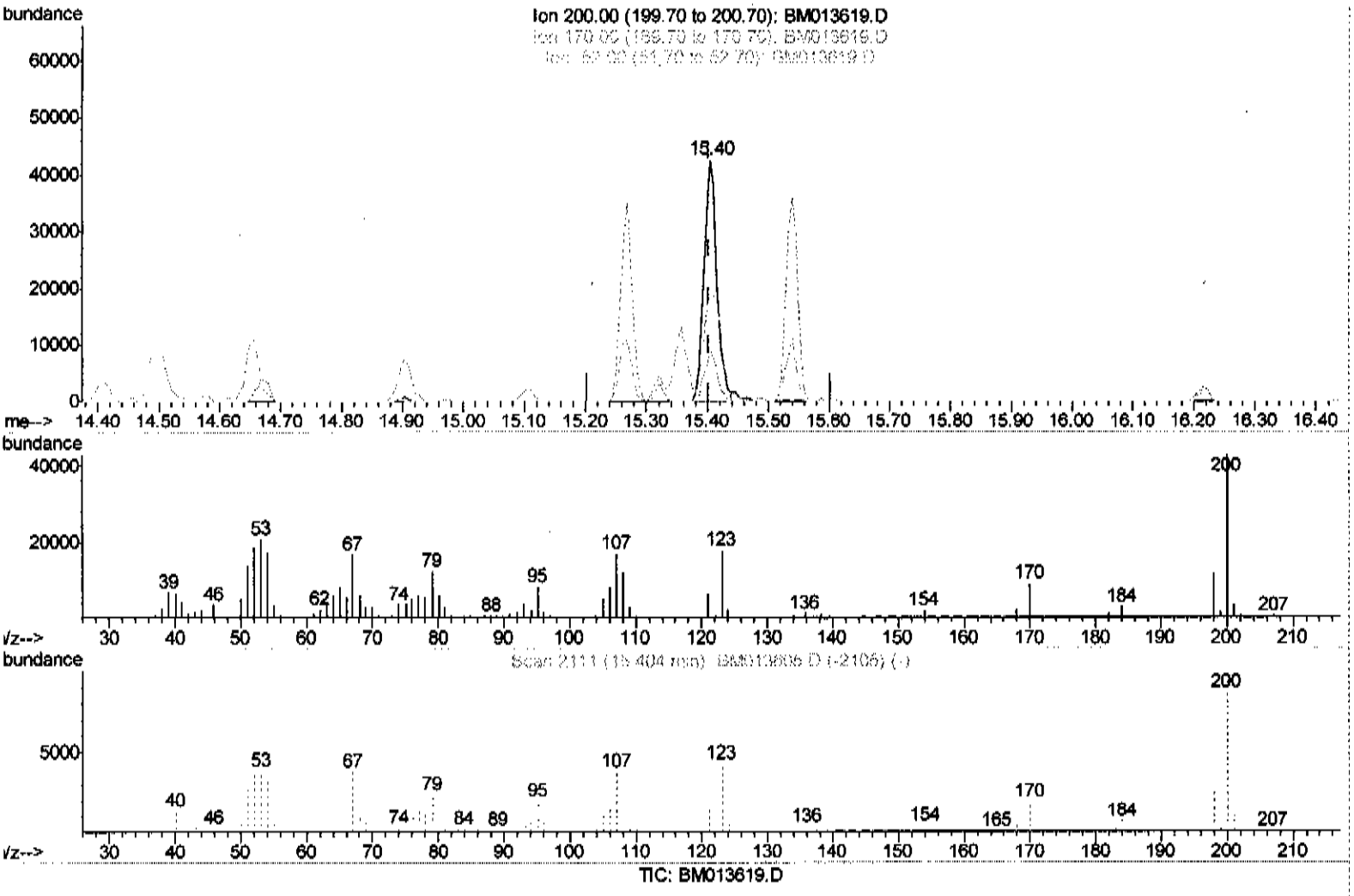

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.404min (+0.000) 16.93ng/ul

response 62888

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	21.35
52.00	49.50	43.73
0.00	0.00	0.00

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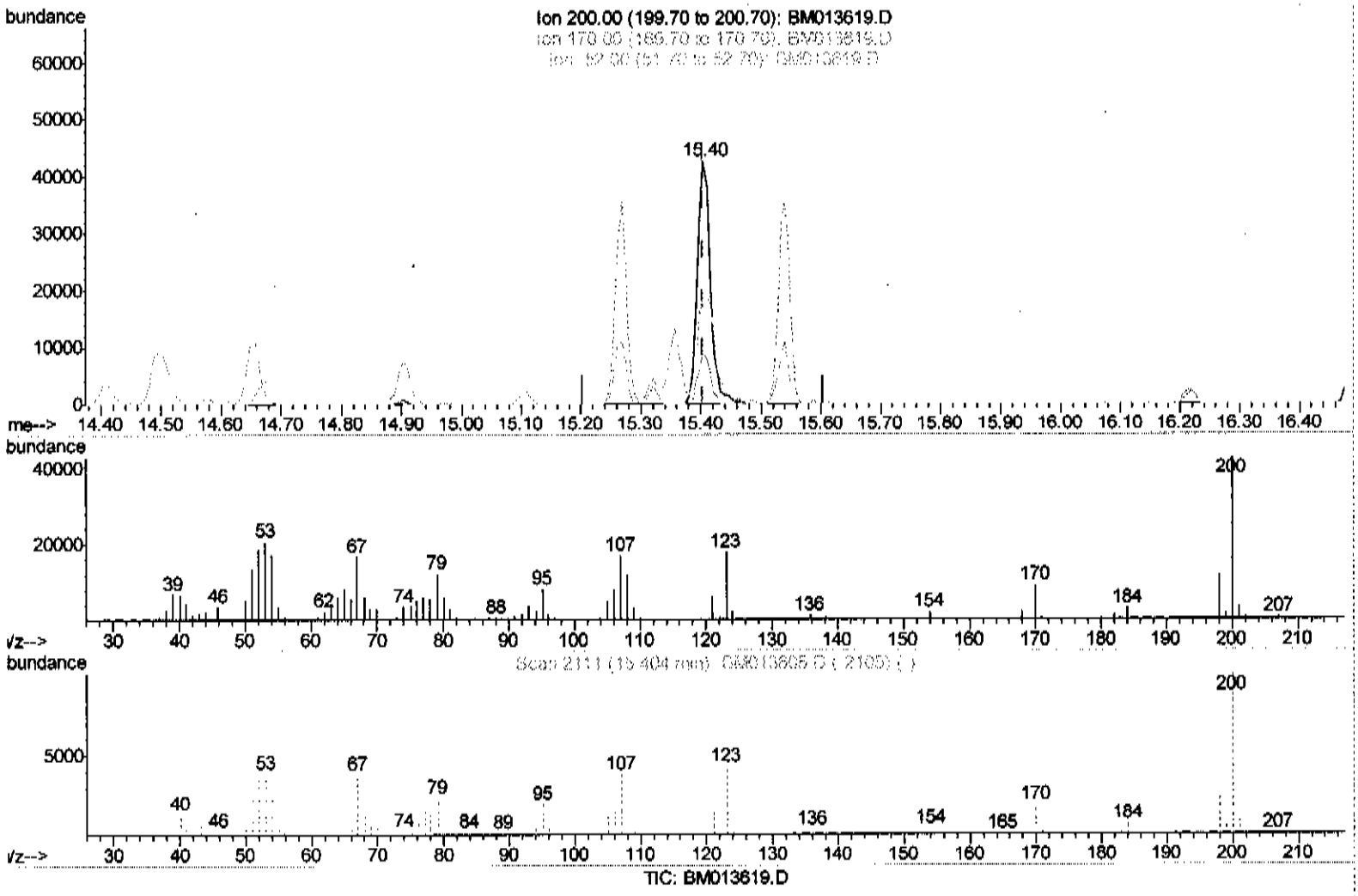

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.404min (+0.000) 17.24ng/ul m JU 01/17/18

response 64050

Ion	Exp%	Act%
200.00	100	100
170.00	23.50	21.35
52.00	49.50	43.73
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	103763	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	414981	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	252751	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	617146	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	739589	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	735940	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	18895m	7.20	ng/uL	>0.00
5) Phenol-d5	6.80	99	154782	19.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	96803	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	131477	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	120781	19.72	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	62473	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	61646	18.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	135700	20.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	140452	24.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	420666	20.19	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	545346	20.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	65937	19.48	ng/ul	0.00
57) Fluorene-d10	15.27	176	393316	21.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	64050m	17.24	ng/ul	>0.00
70) Anthracene-d10	17.12	188	626931	20.86	ng/ul	0.00
76) Pyrene-d10	19.42	212	734021	21.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	708016	20.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	22219	7.726	ng/uL#	62
4) Benzaldehyde	6.77	77	121259	21.996	ng/ul	97
6) Phenol	6.83	94	159397	19.950	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.05	93	121955	19.507	ng/ul	97
10) 2-Chlorophenol	7.19	128	128554	19.872	ng/ul	96
11) 2-Methylphenol	8.06	108	116181	19.727	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	126950	19.956	ng/ul#	78
14) Acetophenone	8.44	105	208275	20.553	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.42	70	102729	20.779	ng/ul#	72
16) 4-Methylphenol	8.39	108	126336	20.062	ng/ul	91
17) Hexachloroethane	8.68	117	62483	19.843	ng/ul#	77
20) Nitrobenzene	8.82	77	165478	19.893	ng/ul	96
21) Isophorone	9.34	82	274755	20.443	ng/ul	95
23) 2-Nitrophenol	9.52	139	66348	18.711	ng/ul#	91
24) 2,4-Dimethylphenol	9.59	107	159703	21.362	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.82	93	168281	20.538	ng/ul	95
27) 2,4-Dichlorophenol	10.05	162	132790	20.963	ng/ul	95
28) Naphthalene	10.45	128	423516	20.514	ng/ul	100
30) 4-Chloroaniline	10.57	127	141681	25.055	ng/ul	92
31) Hexachlorobutadiene	10.73	225	100214	19.273	ng/ul	94
32) Caprolactam	11.35	113	35191	19.970	ng/ul#	50
33) 4-Chloro-3-methylphenol	11.70	107	138078	21.502	ng/ul	94
34) 2-Methylnaphthalene	12.07	142	320032	20.792	ng/ul	89

JU 01/17/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	184361	19.686	ng/ul#	94
37) Hexachlorocyclopentadiene	12.42	237	58565	15.063	ng/ul	96
38) 2,4,6-Trichlorophenol	12.69	196	112636	20.778	ng/ul	98
39) 2,4,5-Trichlorophenol	12.77	196	117699	20.865	ng/ul	99
40) 1,1'-Biphenyl	13.10	154	429302	20.405	ng/ul	97
41) 2-Chloronaphthalene	13.13	162	343841	20.907	ng/ul	97
42) 2-Nitroaniline	13.35	65	90587	19.968	ng/ul	95
44) Dimethylphthalate	13.73	163	415420	20.283	ng/ul#	99
45) 2,6-Dinitrotoluene	13.86	165	79046	19.916	ng/ul#	84
47) Acenaphthylene	13.99	152	499667	20.558	ng/ul	99
48) 3-Nitroaniline	14.19	138	69635	22.309	ng/ul#	86
49) Acenaphthene	14.33	153	350008	20.793	ng/ul	97
50) 2,4-Dinitrophenol	14.41	184	33219	14.600	ng/ul	92
52) 4-Nitrophenol	14.51	109	72322	21.030	ng/ul#	81
53) Dibenzofuran	14.67	168	530242	20.939	ng/ul	98
54) 2,4-Dinitrotoluene	14.65	165	122376	21.151	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.90	232	111018	20.924	ng/ul#	93
56) Diethylphthalate	15.10	149	415427	20.155	ng/ul	96
58) Fluorene	15.32	166	439703	21.197	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	232164	20.713	ng/ul	97
60) 4-Nitroaniline	15.36	138	74742	20.465	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.42	198	69437	17.709	ng/ul#	88
64) N-Nitrosodiphenylamine	15.54	169	379531	20.910	ng/ul	97
65) 4-Bromophenyl-phenylether	16.22	248	147478	20.233	ng/ul	94
66) Hexachlorobenzene	16.33	284	161950	20.641	ng/ul#	91
67) Atrazine	16.50	200	143325	19.785	ng/ul	91
68) Pentachlorophenol	16.68	266	77577	18.606	ng/ul	95
69) Phenanthrene	17.06	178	725257	21.142	ng/ul	98
71) Anthracene	17.16	178	747143	21.116	ng/ul	98
72) Carbazole	17.43	167	620030	21.229	ng/ul	96
73) Di-n-butylphthalate	18.00	149	687733	20.021	ng/ul	99
74) Fluoranthene	19.09	202	856000	20.904	ng/ul#	93
77) Pyrene	19.45	202	926968	20.617	ng/ul#	92
78) Butylbenzylphthalate	20.36	149	303192	19.143	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.14	252	250412	20.467	ng/ul#	99
80) Benzo(a)anthracene	21.20	228	938178	20.993	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	446029	18.770	ng/ul#	98
82) Chrysene	21.26	228	874607	21.333	ng/ul	98
84) Di-n-octyl phthalate	22.02	149	767149	17.297	ng/ul	99
85) Benzo(b)fluoranthene	22.76	252	977100	21.619	ng/ul#	98
86) Benzo(k)fluoranthene	22.81	252	909620	20.822	ng/ul#	98
88) Benzo(a)pyrene	23.33	252	903137	21.153	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.63	276	1058358	20.999	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.63	278	906430	21.298	ng/ul#	96
91) Benzo(g,h,i)perylene	26.30	276	867719	20.919	ng/ul#	95

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