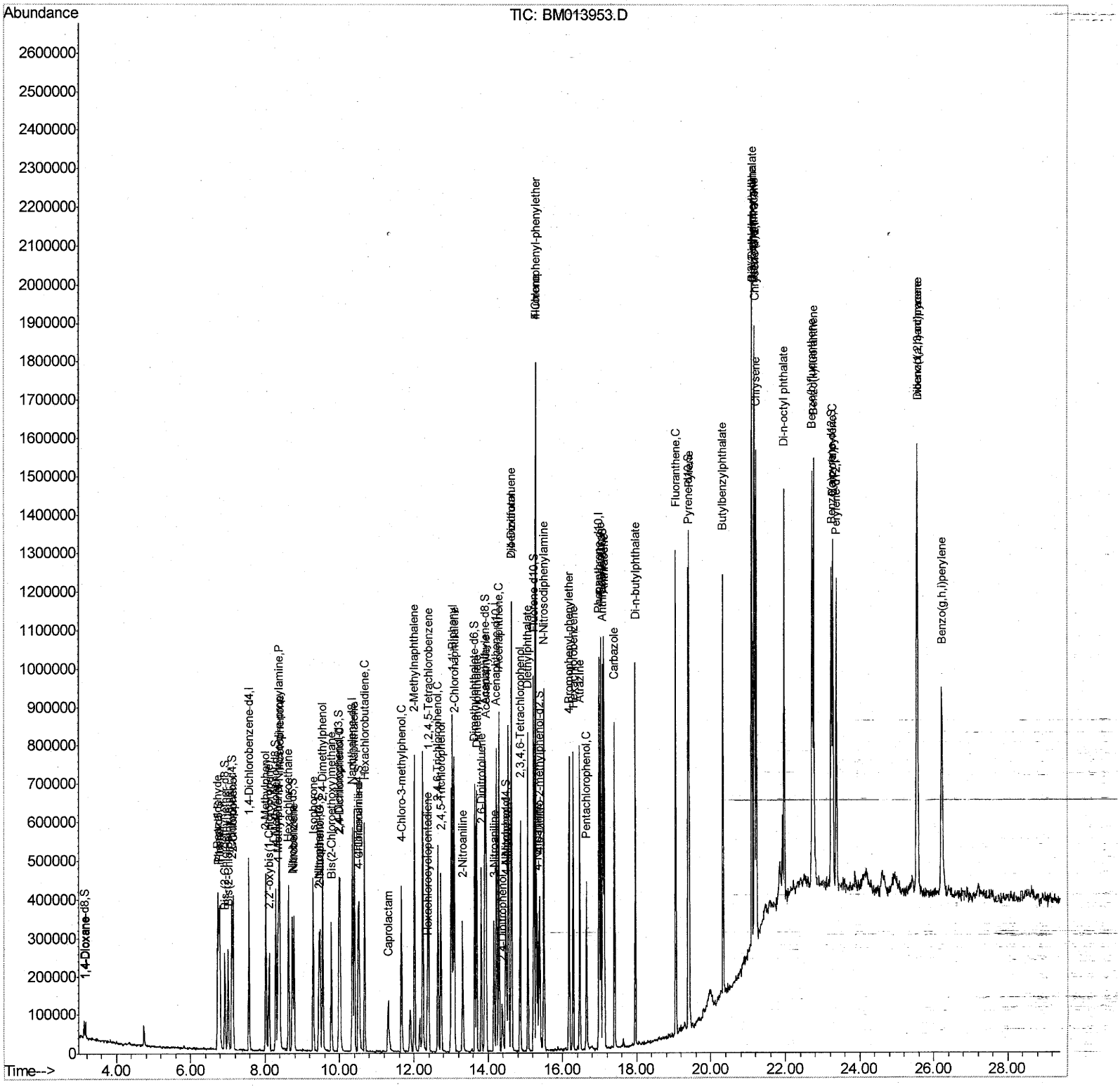
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012818\
Data File : BM013953.D
Acq On : 29 Jan 2018 09:34
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 29 11:42:49 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02005

Manual Integrations APPROVED
Sohil
1/29/2018 6:09:07 PM



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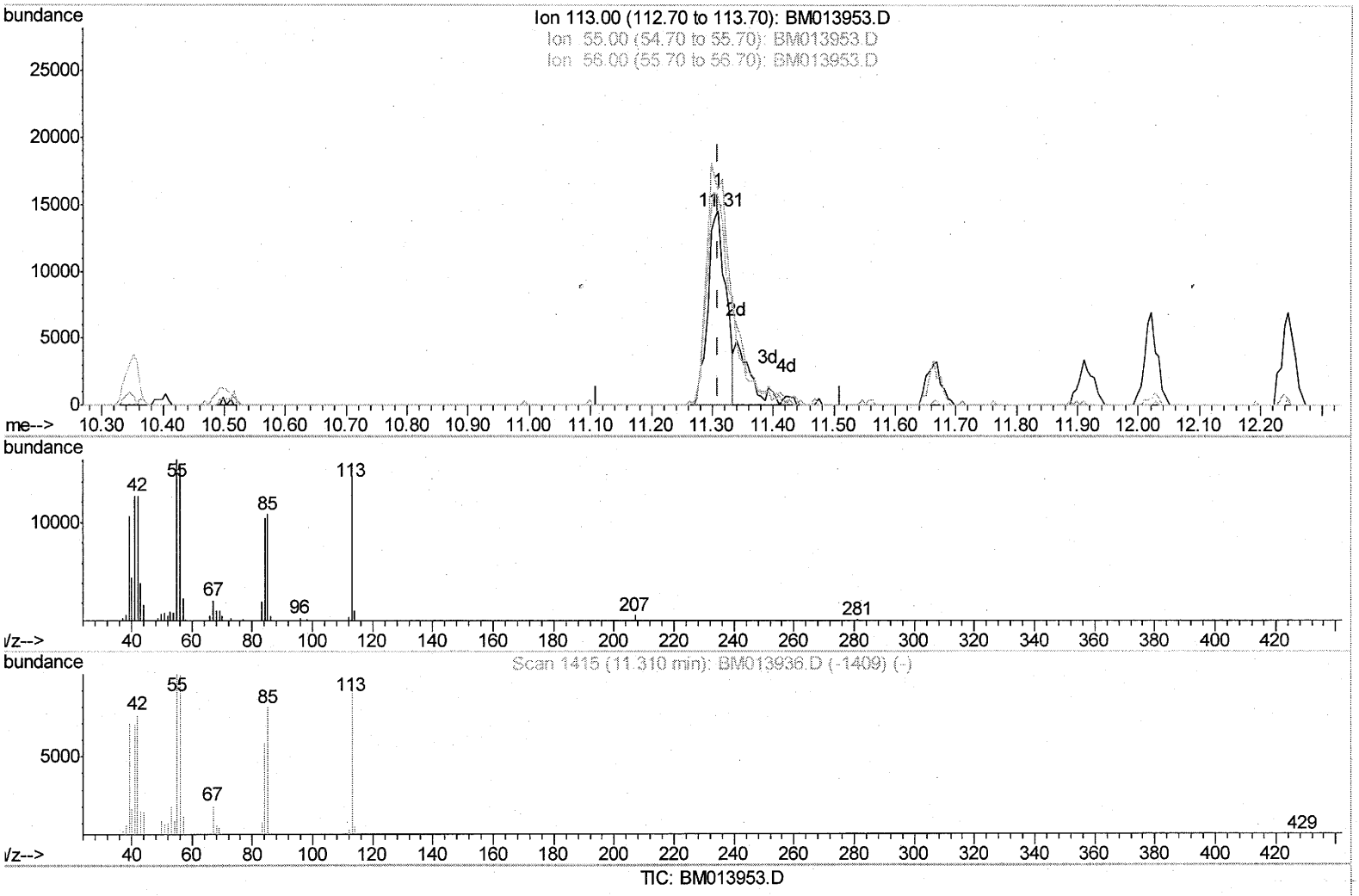

TIC: BM013953.D

(32) Caprolactam

11.310min (+0.000) 15.94ng/ul

response 30143

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	110.90#
56.00	200.00	107.65#
0.00	0.00	0.00

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Instrument :
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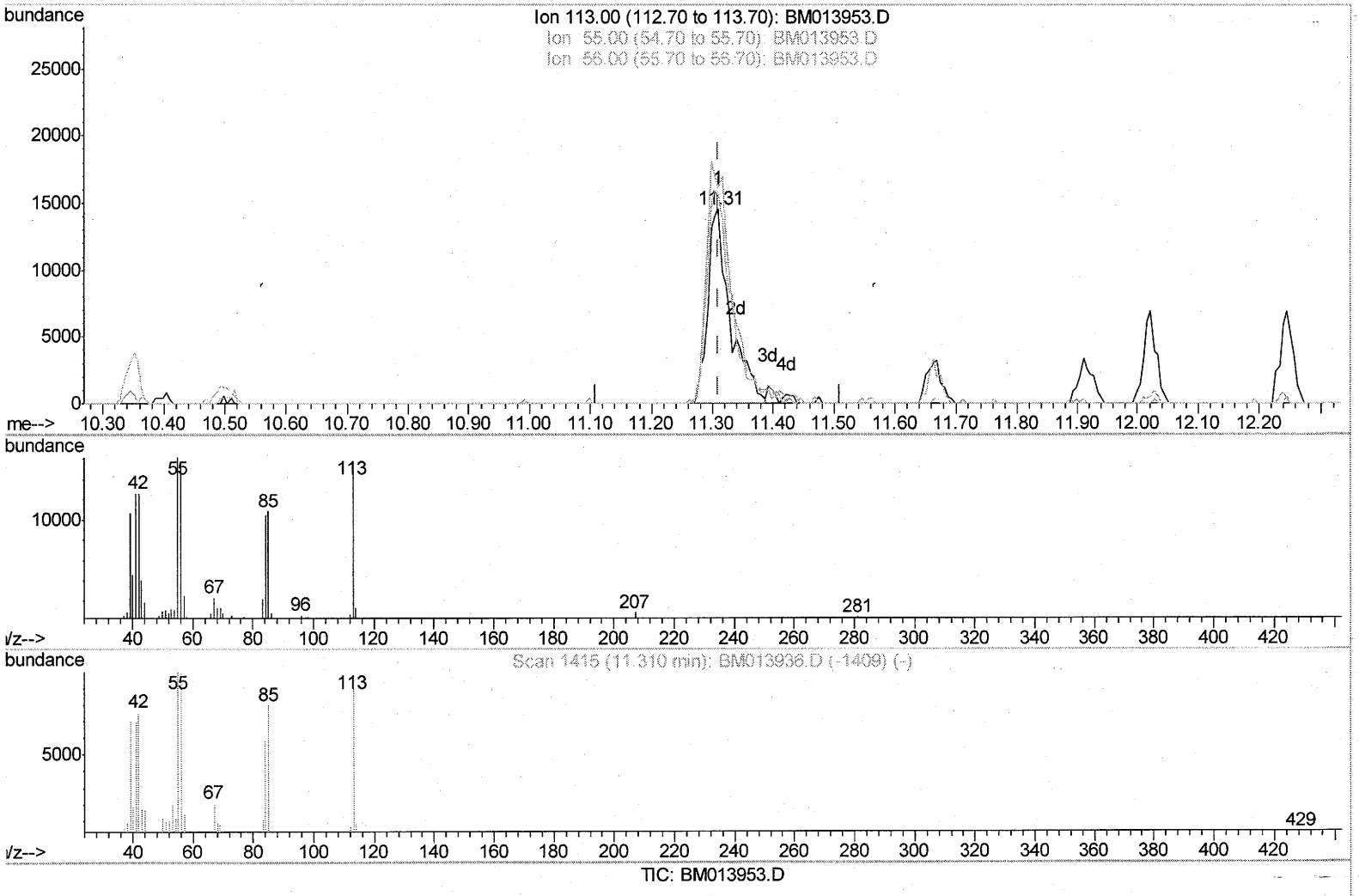
Manual Integrations APPROVED
Sohil
1/29/2018 6:09:07 PM



TIC: BM013953.D

(32) Caprolactam

11.310min (+0.000) 19.90ng/ul m JU 01/29/18

response 37641

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	110.90#
56.00	200.00	107.65#
0.00	0.00	0.00

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Data File : BM013953.D
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Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 29 10:08:09 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
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Instrument :
BNA_M
LabSampleId :
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Manual Integrations APPROVED
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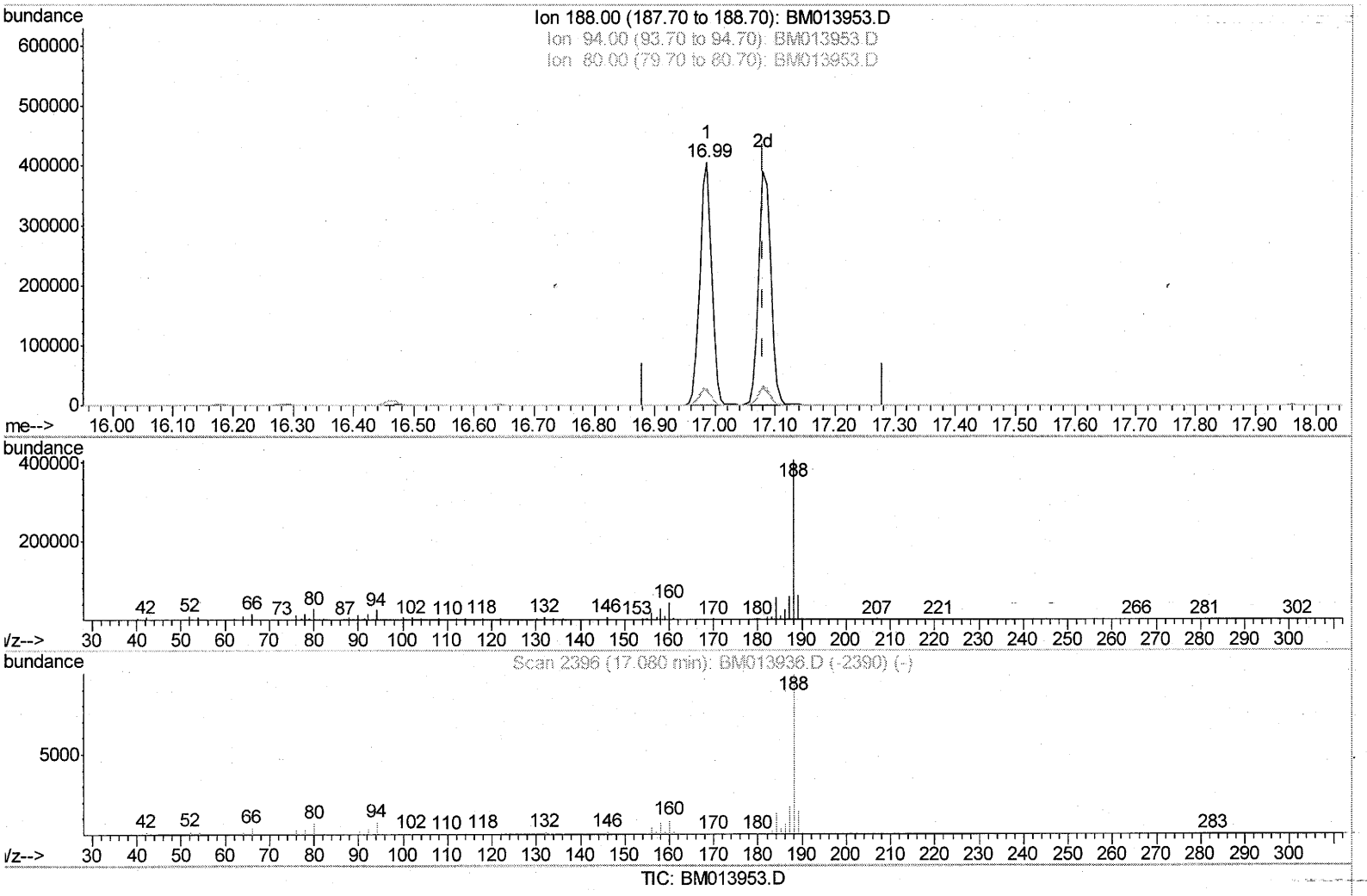

TIC: BM013953.D

(70) Anthracene-d10 (S)

16.986min (-0.094) 20.53ng/ul

response 549548

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	6.13
80.00	5.90	6.70
0.00	0.00	0.00

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Misc :
ALS Vial : 2 Sample Multiplier: 1

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Sohil
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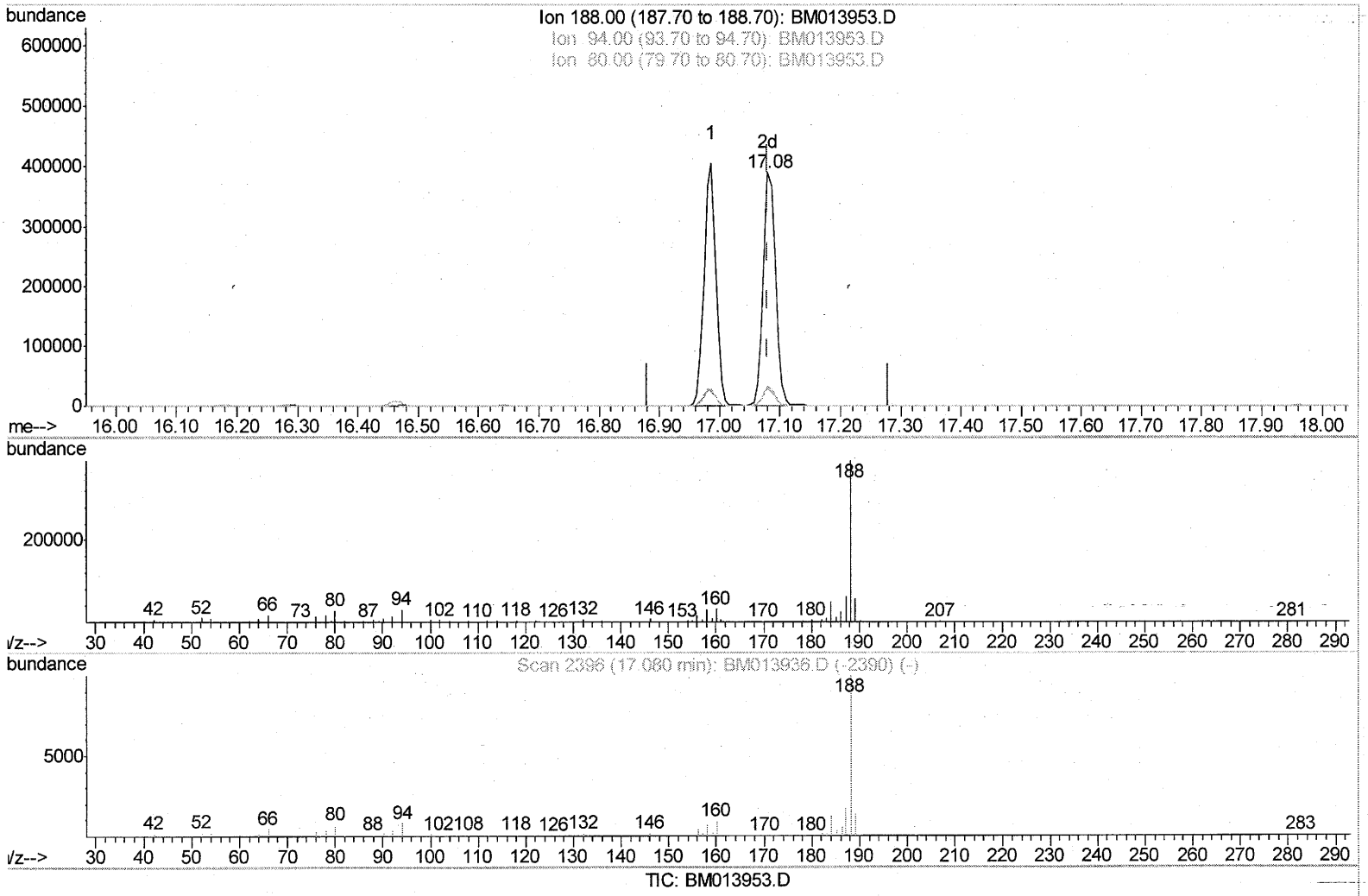

TIC: BM013953.D

(70) Anthracene-d10 (S)

17.080min (+0.000) 20.90ng/ul m

response 559533

Ion	Exp%	Act%
188.00	100	100
94.00	5.70	7.92#
80.00	5.90	7.00
0.00	0.00	0.00

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Sohil
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Quant Time: Jan 29 11:42:49 2018
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	122191	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	445320	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	247330	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	549548	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	547284	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	562259	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	16876	5.46	ng/uL	0.00
5) Phenol-d5	6.77	99	179274	19.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	103611	18.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	152785	19.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	140121	19.43	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	73336	21.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	81114	22.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	149043	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	163277	26.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	421486	20.68	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	542936	20.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	58661	17.71	ng/ul	0.00
57) Fluorene-d10	15.23	176	357533	19.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	59815	18.08	ng/ul	0.00
70) Anthracene-d10	17.08	188	559533m	20.90	ng/ul	0.00
76) Pyrene-d10	19.39	212	583038	22.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	536962	20.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	21305	6.291	ng/uL#	59
4) Benzaldehyde	6.73	77	128399	19.779	ng/ul#	83
6) Phenol	6.79	94	173697	18.461	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.02	93	134469	18.264	ng/ul	94
10) 2-Chlorophenol	7.15	128	146632	19.248	ng/ul	92
11) 2-Methylphenol	8.03	108	132754	19.141	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.11	45	131550	17.560	ng/ul#	76
14) Acetophenone	8.40	105	229177	19.205	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.38	70	111392	19.133	ng/ul#	68
16) 4-Methylphenol	8.36	108	141544	19.087	ng/ul	91
17) Hexachloroethane	8.63	117	70615	19.043	ng/ul	81
20) Nitrobenzene	8.77	77	172492	19.324	ng/ul	95
21) Isophorone	9.30	82	286949	19.896	ng/ul	96
23) 2-Nitrophenol	9.48	139	82176	21.596	ng/ul#	83
24) 2,4-Dimethylphenol	9.55	107	169396	21.115	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.78	93	171214	19.473	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	143973	21.180	ng/ul#	86
28) Naphthalene	10.40	128	456318	20.597	ng/ul	100
30) 4-Chloroaniline	10.53	127	161779	26.660	ng/ul	91
31) Hexachlorobutadiene	10.67	225	118187	21.181	ng/ul	94
32) Caprolactam	11.31	113	37641m	19.905	ng/ul	97
33) 4-Chloro-3-methylphenol	11.66	107	142651	20.701	ng/ul	97
34) 2-Methylnaphthalene	12.02	142	336728	20.386	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	197350	21.534	ng/ul#	98
37) Hexachlorocyclopentadiene	12.37	237	43791	11.510	ng/ul	97
38) 2,4,6-Trichlorophenol	12.65	196	125171	23.596	ng/ul	93
39) 2,4,5-Trichlorophenol	12.73	196	124079	22.479	ng/ul	94
40) 1,1'-Biphenyl	13.05	154	427244	20.752	ng/ul#	97
41) 2-Chloronaphthalene	13.09	162	350771	21.796	ng/ul	98
42) 2-Nitroaniline	13.32	65	96274	21.686	ng/ul	98
44) Dimethylphthalate	13.70	163	405702	20.242	ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	83982	21.623	ng/ul	97
47) Acenaphthylene	13.95	152	496864	20.891	ng/ul	98
48) 3-Nitroaniline	14.16	138	76064	24.902	ng/ul	90
49) Acenaphthene	14.29	153	332572	20.190	ng/ul	97
50) 2,4-Dinitrophenol	14.38	184	29454	13.229	ng/ul	90
52) 4-Nitrophenol	14.49	109	63887	18.984	ng/ul#	78
53) Dibenzofuran	14.63	168	507984	20.500	ng/ul	97
54) 2,4-Dinitrotoluene	14.62	165	122739	21.679	ng/ul#	93
55) 2,3,4,6-Tetrachlorophenol	14.87	232	112157	21.602	ng/ul	96
56) Diethylphthalate	15.07	149	408713	20.264	ng/ul	95
58) Fluorene	15.29	166	407027	20.052	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.29	204	222703	20.304	ng/ul	99
60) 4-Nitroaniline	15.33	138	77807	21.771	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	15.39	198	57250	16.397	ng/ul	99
64) N-Nitrosodiphenylamine	15.50	169	339384	20.998	ng/ul	97
65) 4-Bromophenyl-phenylether	16.18	248	137735	21.220	ng/ul	96
66) Hexachlorobenzene	16.29	284	151949	21.748	ng/ul	94
67) Atrazine	16.46	200	135967	21.078	ng/ul	89
68) Pentachlorophenol	16.64	266	76115	20.501	ng/ul	98
69) Phenanthrene	17.03	178	631725	20.680	ng/ul	99
71) Anthracene	17.12	178	637157	20.222	ng/ul	98
72) Carbazole	17.40	167	528628	20.325	ng/ul	99
73) Di-n-butylphthalate	17.96	149	656871	21.475	ng/ul	99
74) Fluoranthene	19.05	202	731435	20.059	ng/ul#	94
77) Pyrene	19.42	202	743938	22.360	ng/ul#	96
78) Butylbenzylphthalate	20.33	149	279970	23.888	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.11	252	227338	25.110	ng/ul	99
80) Benzo(a)anthracene	21.17	228	705830	21.344	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.11	149	389732	22.164	ng/ul	95
82) Chrysene	21.22	228	620583	20.456	ng/ul	98
84) Di-n-octyl phthalate	21.97	149	637526	18.815	ng/ul	96
85) Benzo(b)fluoranthene	22.72	252	722647	20.928	ng/ul	97
86) Benzo(k)fluoranthene	22.76	252	645749	19.348	ng/ul#	94
88) Benzo(a)pyrene	23.28	252	664764	20.379	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.56	276	800457	20.788	ng/ul	98
90) Dibenzo(a,h)anthracene	25.56	278	684354	21.047	ng/ul#	96
91) Benzo(g,h,i)perylene	26.22	276	668085	21.081	ng/ul#	95

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