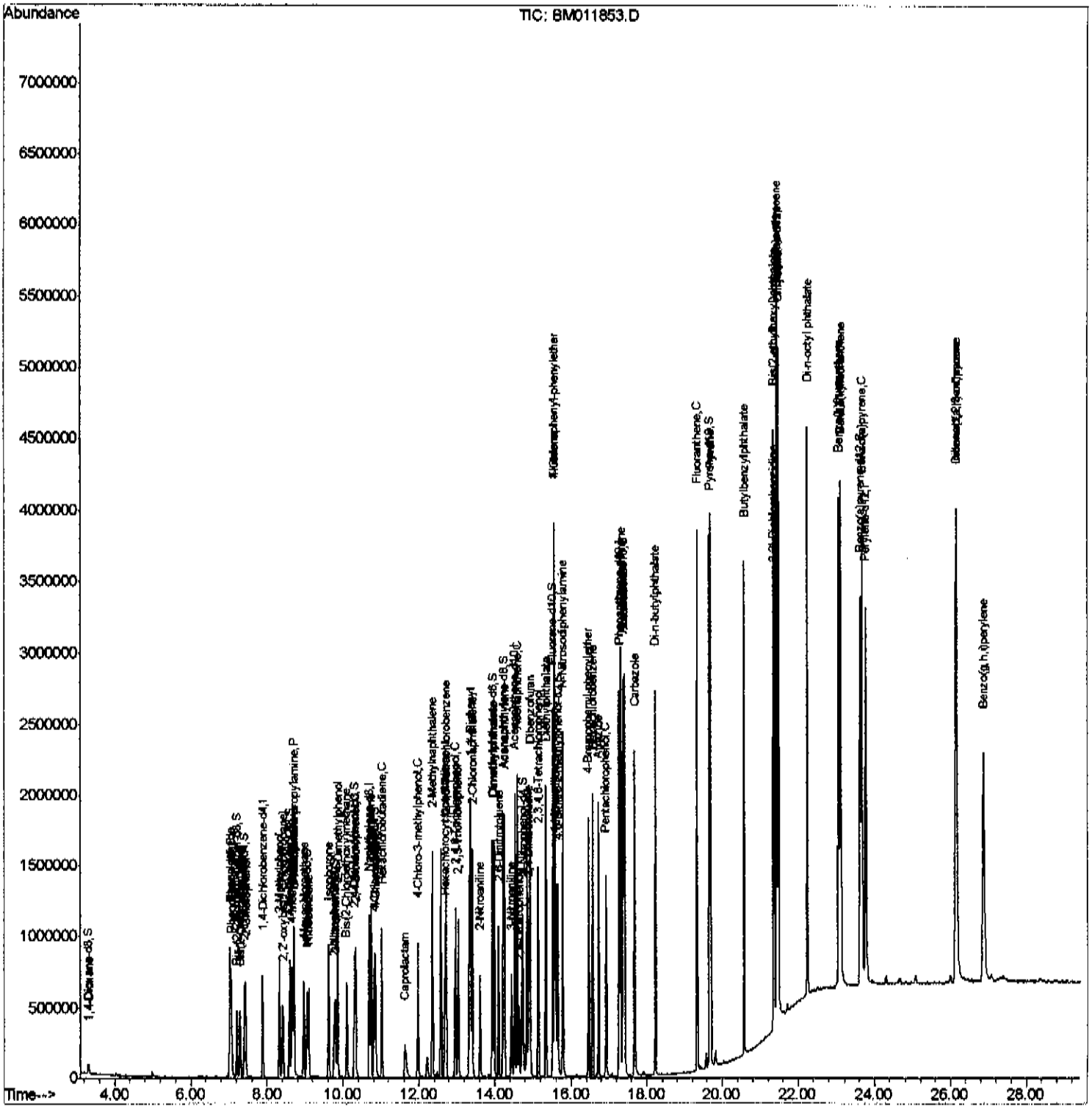
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100317\
Data File : BM011853.D
Acq On : 03 Oct 2017 16:32
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 03 18:26:17 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 15:47:54 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02016

Manual Integrations APPROVED
Sohil
10/4/2017 7:27:59 PM



Quantitation Report (Qedit)

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Data File : BM011853.D
Acq On : 03 Oct 2017 16:32
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
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Quant Time: Oct 03 18:22:49 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 03 15:47:54 2017
Response via : Initial Calibration

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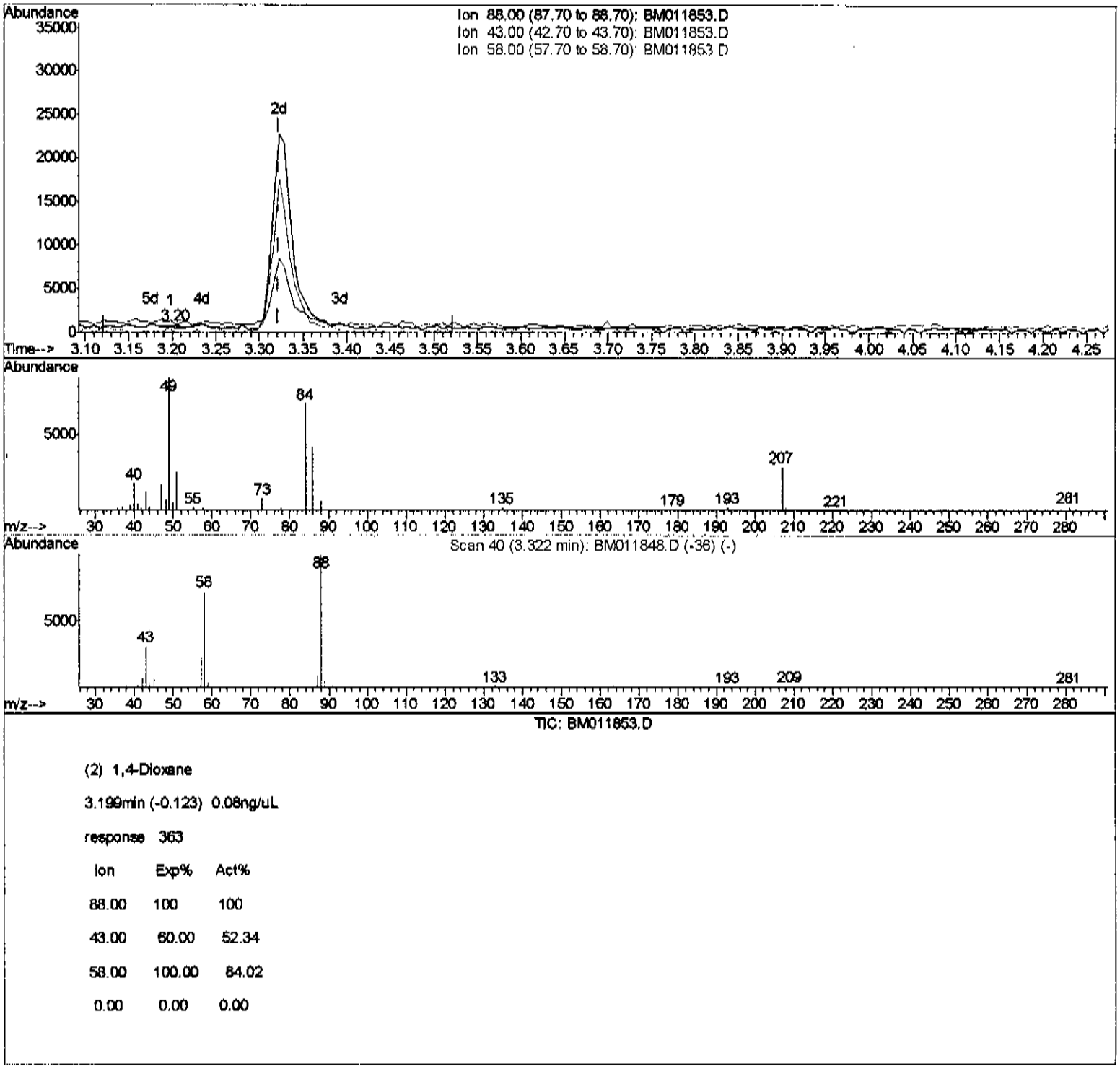

TIC: BM011853.D

(2) 1,4-Dioxane

3.199min (-0.123) 0.08ng/uL

response 363

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	52.34
58.00	100.00	84.02
0.00	0.00	0.00

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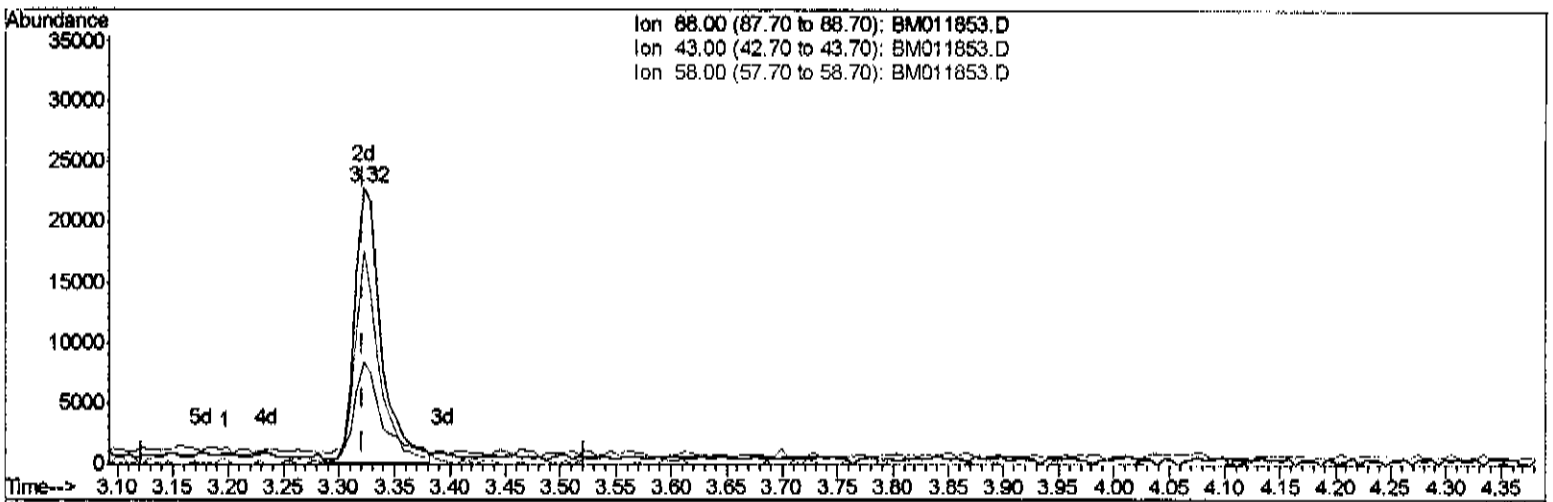
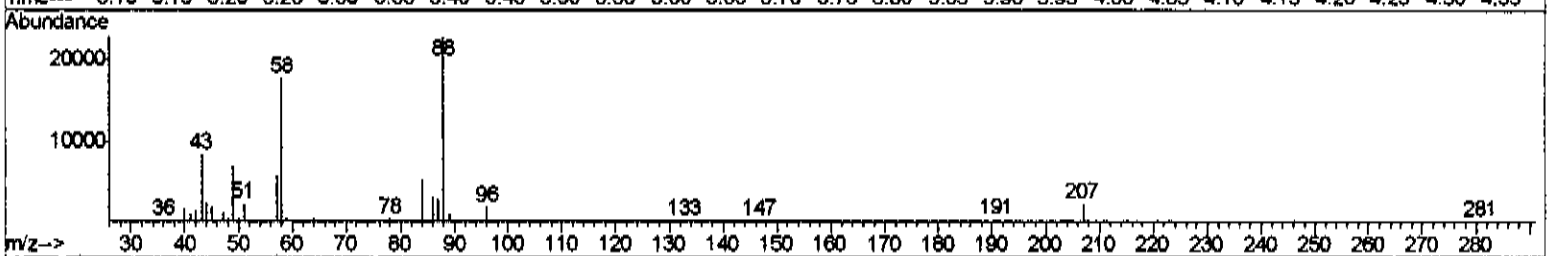
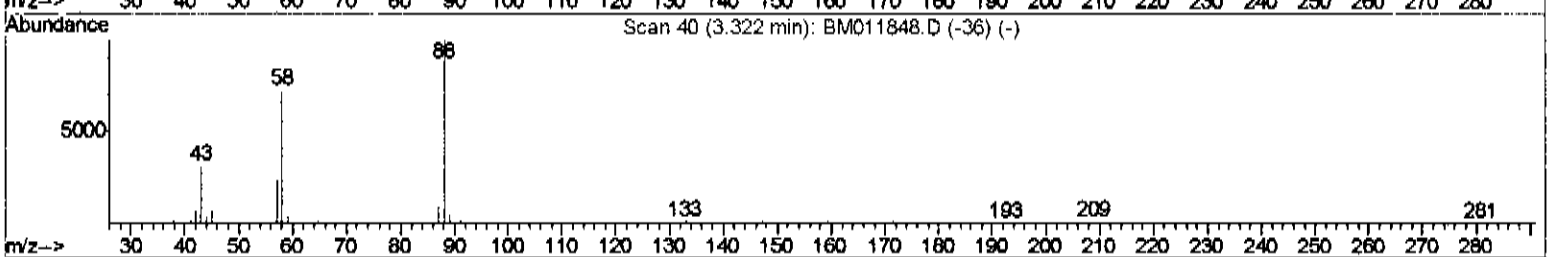
Manual Integrations APPROVED
Sohil
10/4/2017 7:27:59 PM







TIC: BM011853.D

(2) 1,4-Dioxane

3.322min (+0.000) 8.54ng/uL m JU 10/6/17

response 37253

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	0.51#
58.00	100.00	0.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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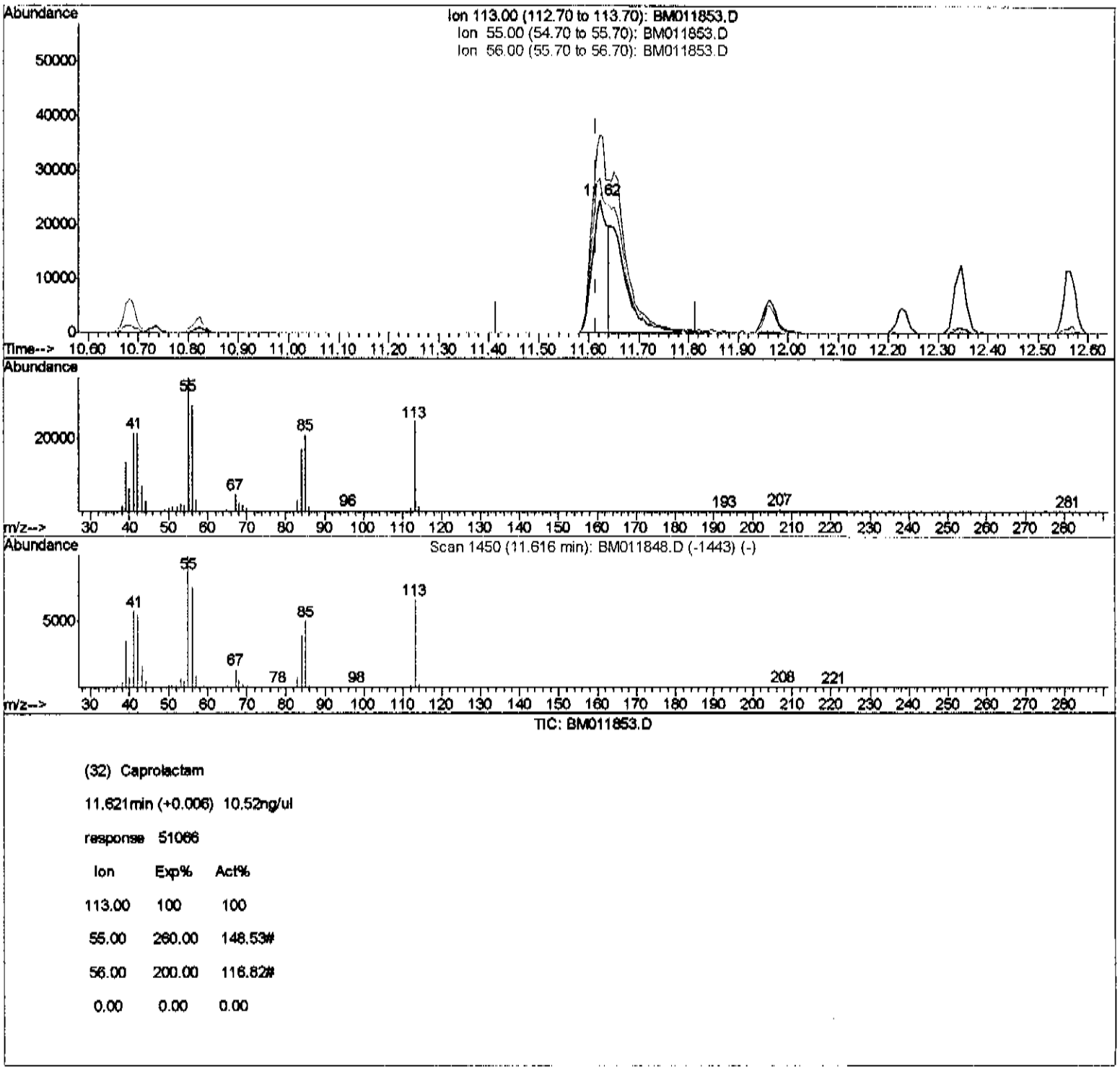
QLast Update : Tue Oct 03 15:47:54 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02016

Manual Integrations APPROVED
Sohil
10/4/2017 7:27:59 PM



(32) Caprolactam

11.621min (+0.006) 10.52ng/ul

response 51066

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	148.53#
56.00	200.00	116.82#
0.00	0.00	0.00

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Misc :
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Manual Integrations APPROVED
Sohil
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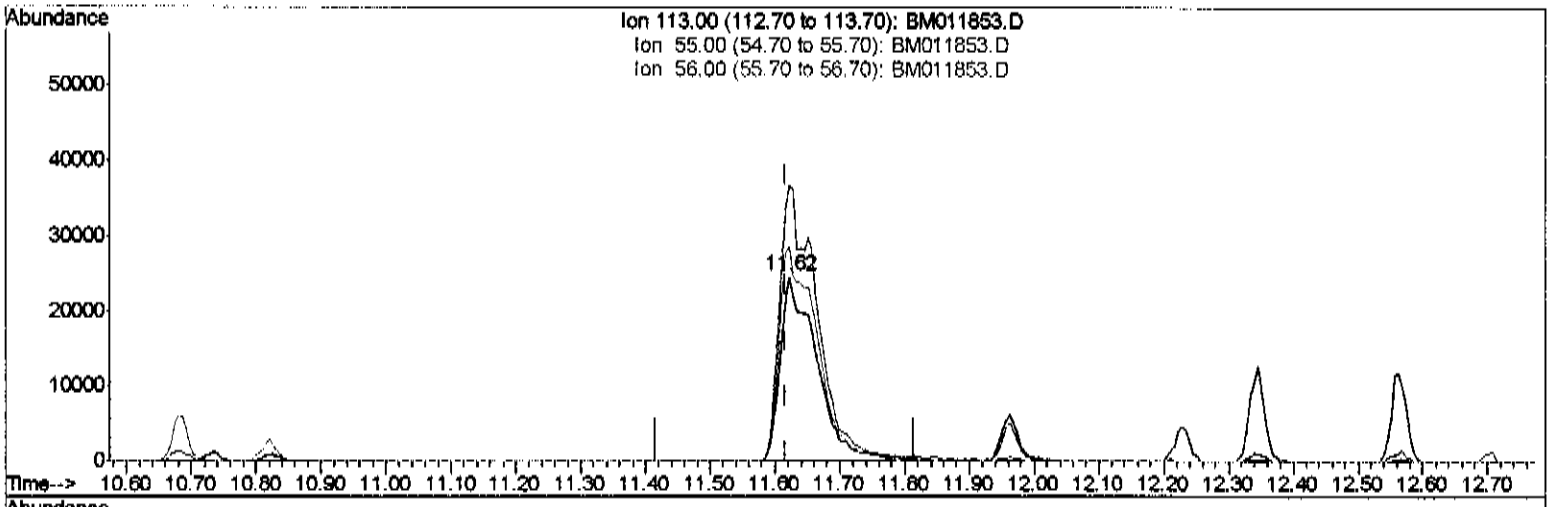

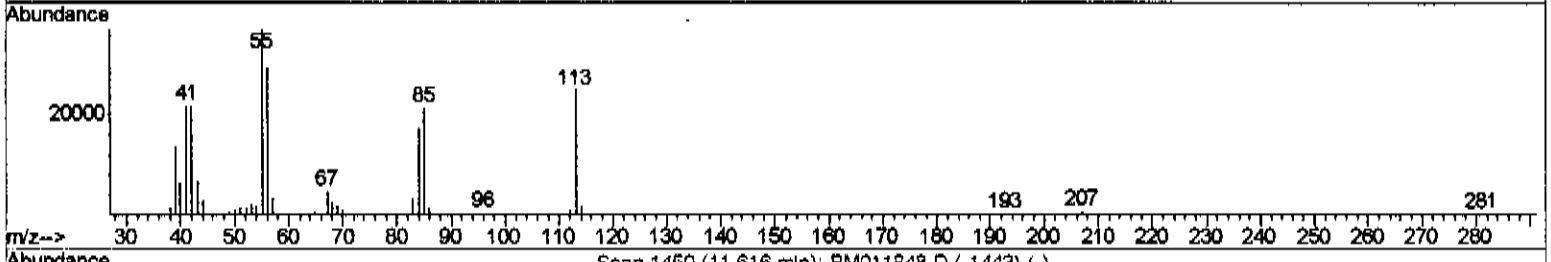

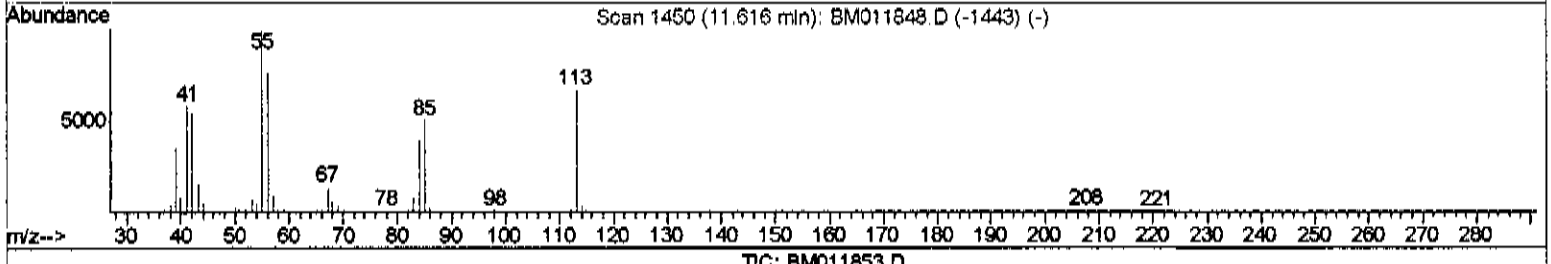

TIC: BM011853.D

(32) Caprolactam

11.621min (+0.006) 19.79ng/ul m JU 10/6/17

response 96017

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	148.53#
56.00	200.00	116.82#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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LabSampleId : SSTD02016

Manual Integrations APPROVED
Sohil
10/4/2017 7:27:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	203121	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	946172	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	629799	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1574976	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2040017	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	2054062	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	34369	8.00	ng/uL	0.00
5) Phenol-d5	7.03	99	346333	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	209677	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	295472	21.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	306429	20.28	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	142722	21.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.77	143	163923	21.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	329582	21.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	406130	24.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	1143088	20.94	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	1344993	20.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	183744	19.27	ng/ul	0.00
57) Fluorene-d10	15.51	176	1006327	20.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	202942	19.15	ng/ul	0.00
70) Anthracene-d10	17.36	188	1635033	21.07	ng/ul	0.00
76) Pyrene-d10	19.64	212	1977363	21.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.61	264	2095269	21.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	37253m>	8.537	ng/uL	> JU 10/6/17
4) Benzaldehyde	7.02	77	189088	21.713	ng/ul#	86
6) Phenol	7.06	94	347329	20.085	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.30	93	265865	20.475	ng/ul	96
10) 2-Chlorophenol	7.44	128	288840	21.084	ng/ul	96
11) 2-Methylphenol	8.32	108	267691	20.354	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.41	45	339698	20.457	ng/ul#	86
14) Acetophenone	8.70	105	457896	20.714	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.69	70	238192	21.056	ng/ul#	68
16) 4-Methylphenol	8.65	108	301261	20.464	ng/ul	91
17) Hexachloroethane	8.96	117	116112	21.124	ng/ul	83
20) Nitrobenzene	9.09	77	343879	21.125	ng/ul	93
21) Isophorone	9.61	82	634683	20.909	ng/ul#	92
23) 2-Nitrophenol	9.80	139	173501	21.751	ng/ul#	77
24) 2,4-Dimethylphenol	9.85	107	357183	20.879	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.09	93	389256	20.883	ng/ul	94
27) 2,4-Dichlorophenol	10.33	162	314219	21.231	ng/ul	91
28) Naphthalene	10.73	128	981745	20.684	ng/ul	100
30) 4-Chloroaniline	10.85	127	392048	23.874	ng/ul	95
31) Hexachlorobutadiene	11.01	225	227217	20.925	ng/ul	95
32) Caprolactam	11.62	113	96017m>	19.788	ng/ul	> JU 10/6/17
33) 4-Chloro-3-methylphenol	11.96	107	341201	21.210	ng/ul	94
34) 2-Methylnaphthalene	12.34	142	758430	20.956	ng/ul	97

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Sohil
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.71	216	444230	20.793 ng/ul	98
37) Hexachlorocyclopentadiene	12.69	237	231376	18.607 ng/ul	98
38) 2,4,6-Trichlorophenol	12.95	196	287395	21.179 ng/ul	97
39) 2,4,5-Trichlorophenol	13.02	196	303357	21.240 ng/ul	99
40) 1,1'-Biphenyl	13.35	154	1022338	20.303 ng/ul	98
41) 2-Chloronaphthalene	13.40	162	816717	20.728 ng/ul	99
42) 2-Nitroaniline	13.60	65	213439	21.339 ng/ul	87
44) Dimethylphthalate	13.97	163	1095651	20.865 ng/ul	98
45) 2,6-Dinitrotoluene	14.10	165	214512	21.666 ng/ul	88
47) Acenaphthylene	14.24	152	1314041	21.128 ng/ul	99
48) 3-Nitroaniline	14.43	138	184556	20.067 ng/ul	91
49) Acenaphthene	14.59	153	889685	20.673 ng/ul	99
50) 2,4-Dinitrophenol	14.63	184	115604	17.668 ng/ul	97
52) 4-Nitrophenol	14.73	109	154687	20.296 ng/ul	79
53) Dibenzofuran	14.92	168	1304398	20.883 ng/ul	98
54) 2,4-Dinitrotoluene	14.89	165	323816	22.120 ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.14	232	297830	21.354 ng/ul	95
56) Diethylphthalate	15.33	149	1120066	21.015 ng/ul	94
58) Fluorene	15.57	166	1079585	20.697 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.56	204	571096	20.702 ng/ul	97
60) 4-Nitroaniline	15.59	138	200200	18.686 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.64	198	211301	19.515 ng/ul#	88
64) N-Nitrosodiphenylamine	15.77	169	948326	20.844 ng/ul	99
65) 4-Bromophenyl-phenylether	16.45	248	361126	20.470 ng/ul	99
66) Hexachlorobenzene	16.57	284	403423	20.453 ng/ul#	92
67) Atrazine	16.72	200	365071	20.268 ng/ul	94
68) Pentachlorophenol	16.91	266	241748	19.483 ng/ul	97
69) Phenanthrene	17.30	178	1799774	20.774 ng/ul	99
71) Anthracene	17.40	178	1862137	21.124 ng/ul	98
72) Carbazole	17.66	167	1563164	20.471 ng/ul	100
73) Di-n-butylphthalate	18.22	149	1934029	21.138 ng/ul#	97
74) Fluoranthene	19.32	202	2280199	21.572 ng/ul#	91
77) Pyrene	19.68	202	2447530	21.638 ng/ul#	91
78) Butylbenzylphthalate	20.56	149	960481	21.677 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.35	252	827208	21.781 ng/ul	96
80) Benzo(a)anthracene	21.41	228	2567219	21.967 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	1415598	21.475 ng/ul#	98
82) Chrysene	21.47	228	2414034	21.740 ng/ul	100
84) Di-n-octyl phthalate	22.23	149	2533423	21.111 ng/ul	100
85) Benzo(b)fluoranthene	23.05	252	2602397	20.844 ng/ul#	97
86) Benzo(k)fluoranthene	23.10	252	2684496	21.537 ng/ul#	97
88) Benzo(a)pyrene	23.66	252	2547786	21.237 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.14	276	2657325	20.699 ng/ul#	92
90) Dibenzo(a,h)anthracene	26.15	278	2214328	20.991 ng/ul#	96
91) Benzo(g,h,i)perylene	26.87	276	2183297	20.559 ng/ul#	93

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