

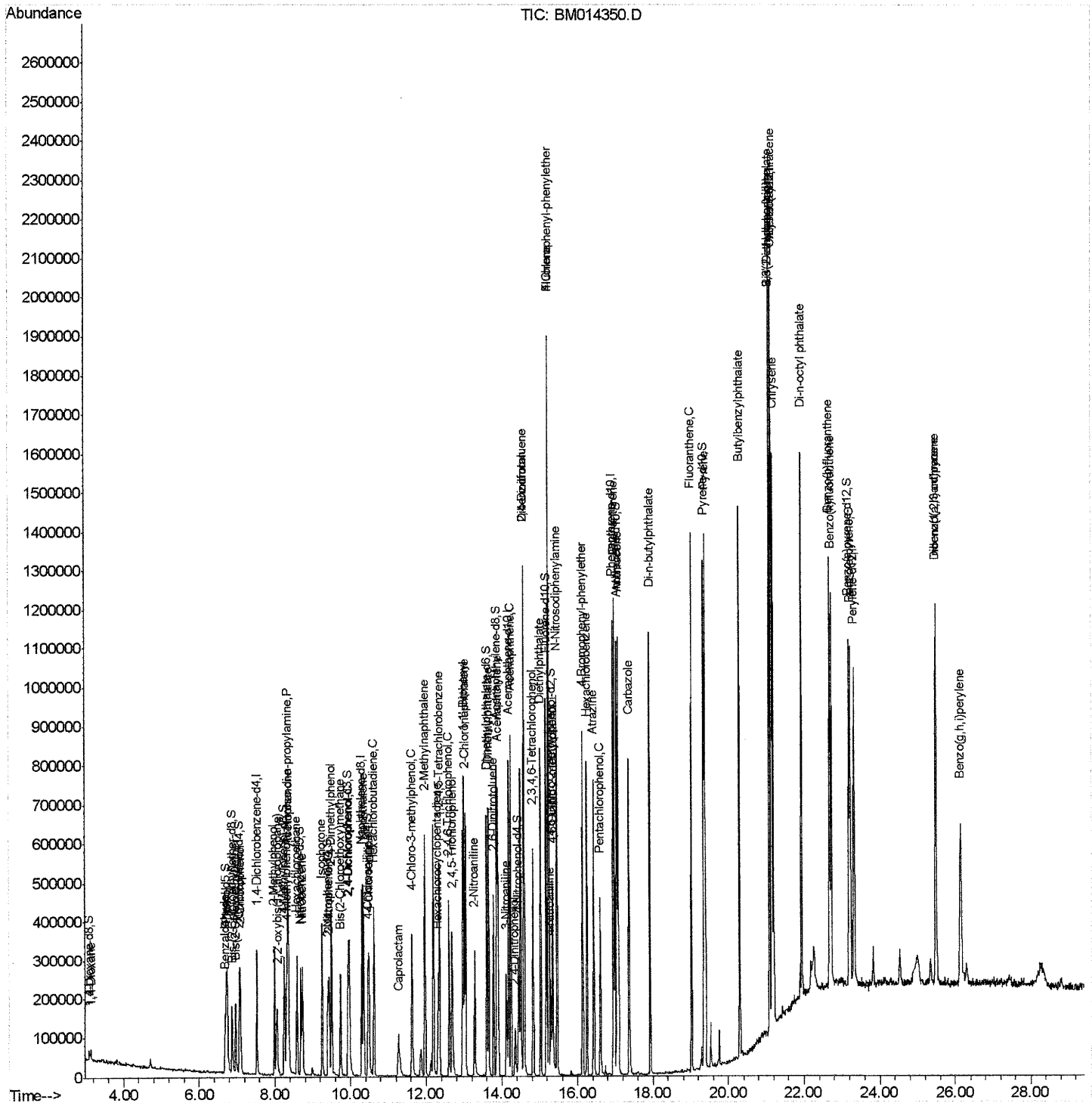
Instrument :
BNA_M
LabSampleId :
SSTD02003

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014350.D
Acq On : 26 Feb 2018 11:23
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Manual Integrations APPROVED

Sohil
2/27/2018 4:57:30 PM

Quant Time: Feb 27 01:26:31 2018
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 23:12:42 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

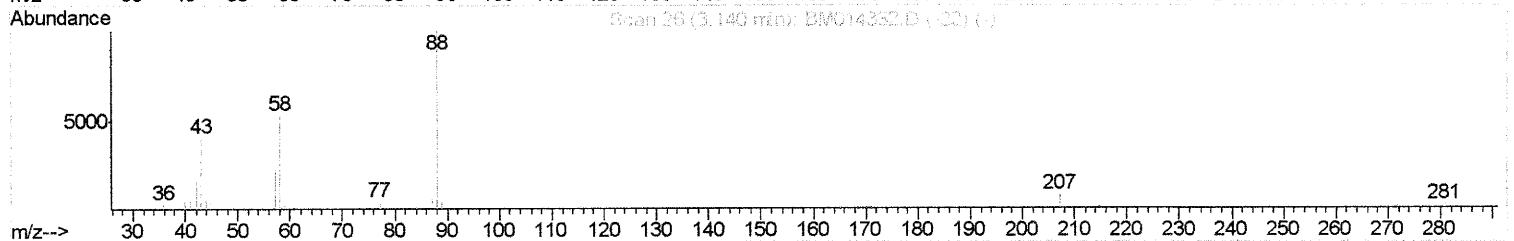
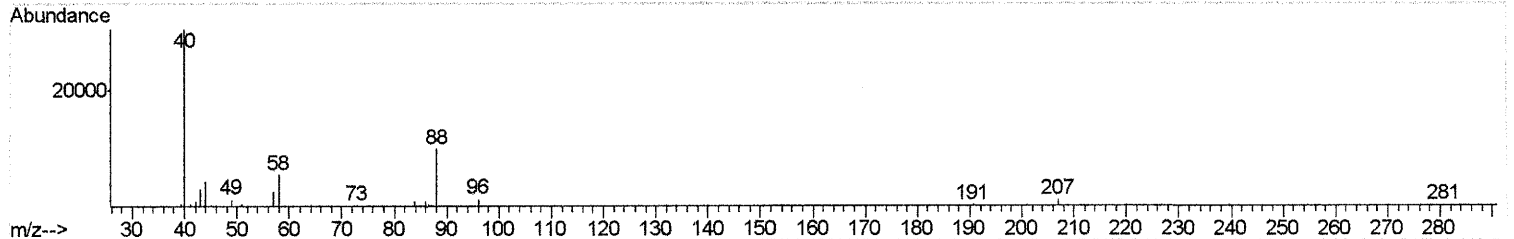
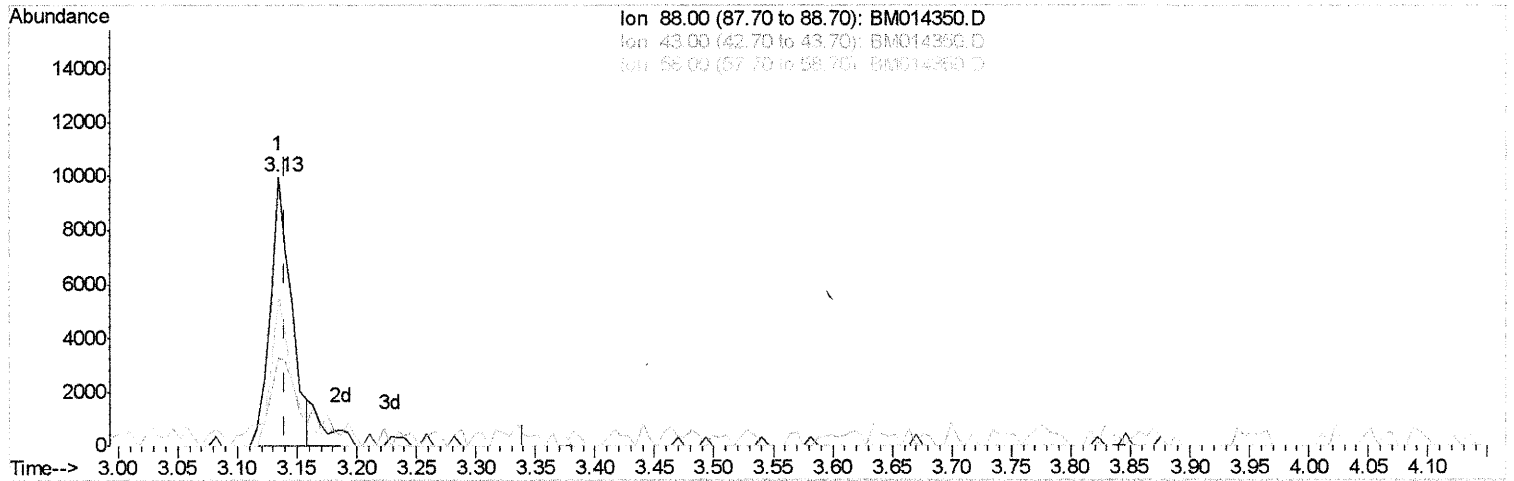
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TIC: BM014350.D

(2) 1,4-Dioxane

3.134min (-0.006) 6.73ng/uL

response 12387

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	39.82#
58.00	100.00	56.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

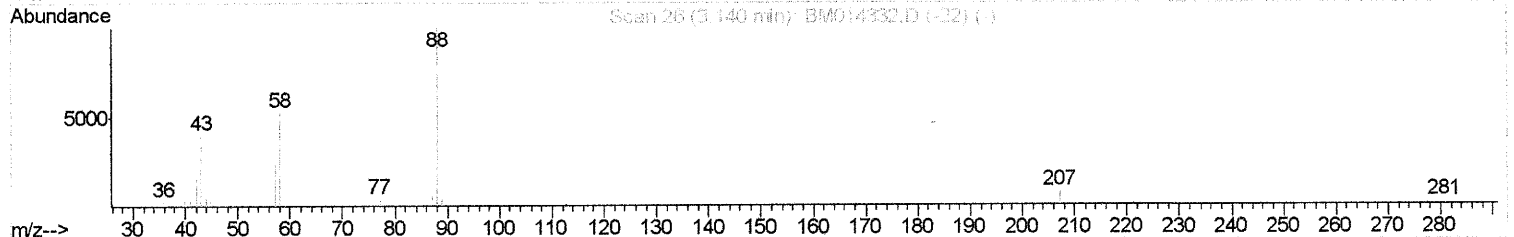
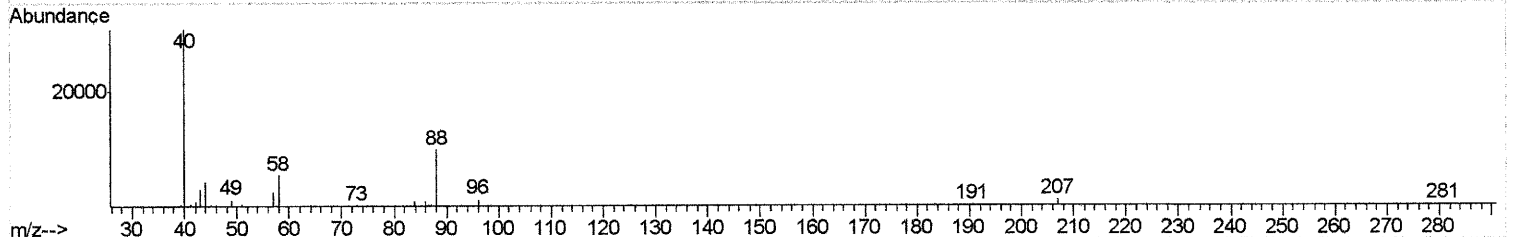
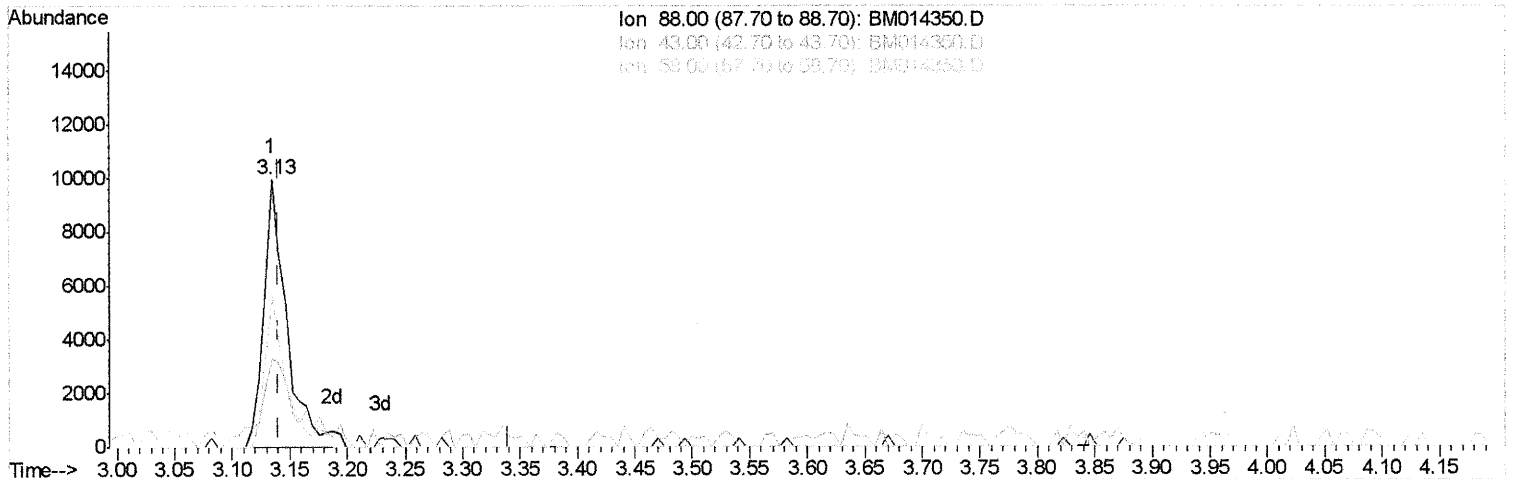
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
 Data File : BM014350.D
 Acq On : 26 Feb 2018 11:23
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampled :
 SST02003

Manual Integrations
 APPROVED

Sohil
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Quant Time: Feb 27 01:21:22 2018
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM021418.M
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 Response via : Initial Calibration



TIC: BM014350.D

(2) 1,4-Dioxane

3.134min (-0.006) 7.59ng/uL m SJ 2/27/18

response 13974

Ion	Exp%	Act%
88.00	100	100
43.00	60.00	35.30#
58.00	100.00	50.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

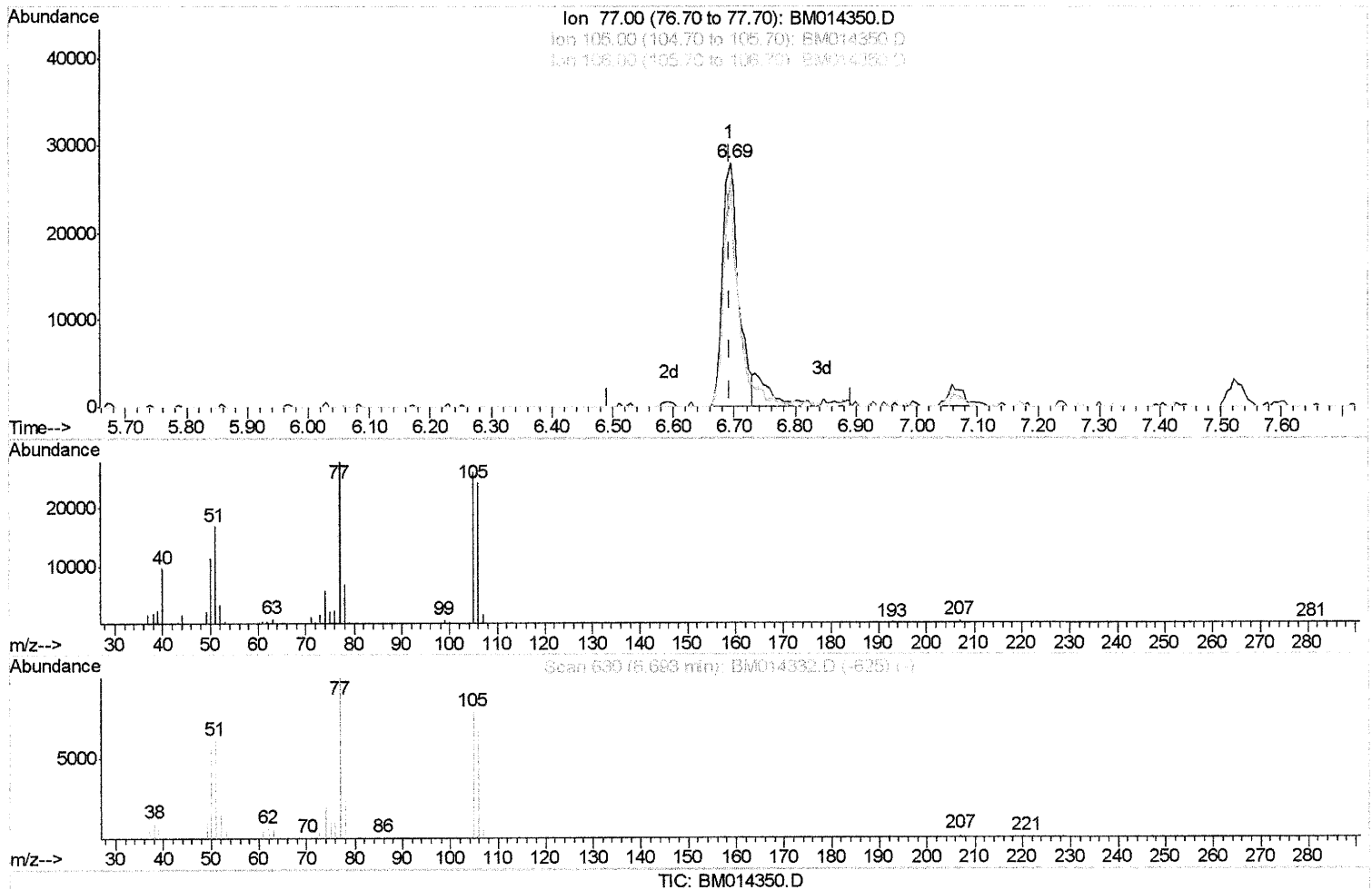
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
 Data File : BM014350.D
 Acq On : 26 Feb 2018 11:23
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02003

Manual Integrations
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(4) Benzaldehyde
 6.693min (+0.000) 21.17ng/ul
 response 51747

Ion	Exp%	Act%
77.00	100	100
105.00	82.60	93.94
106.00	84.70	86.85
0.00	0.00	0.00

Quantitation Report (Qedit)

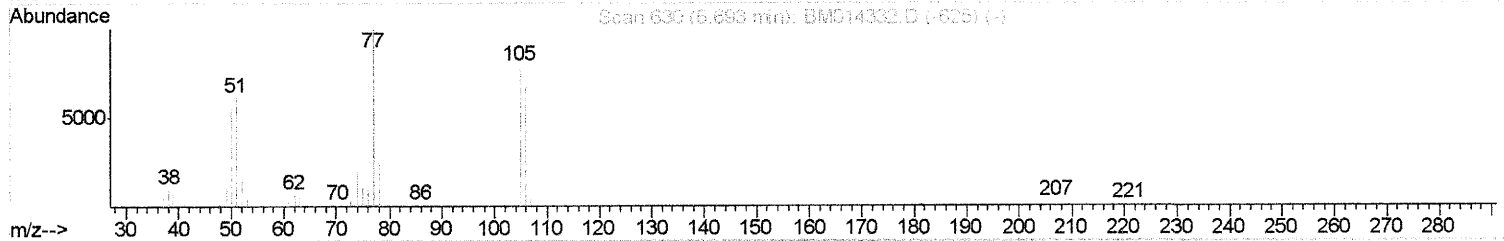
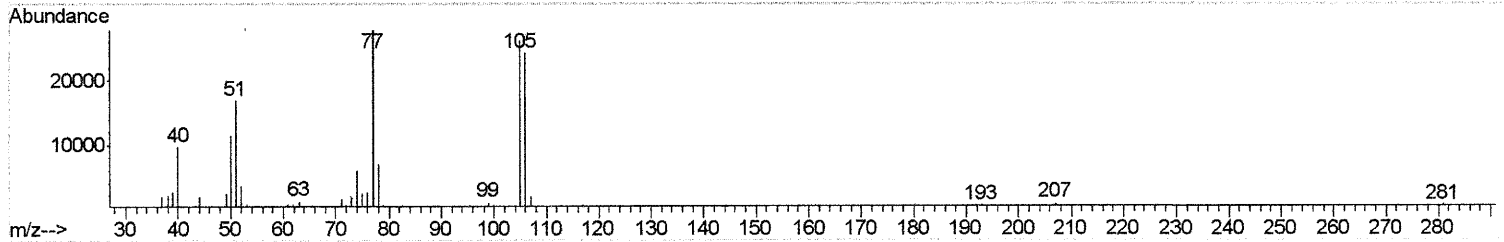
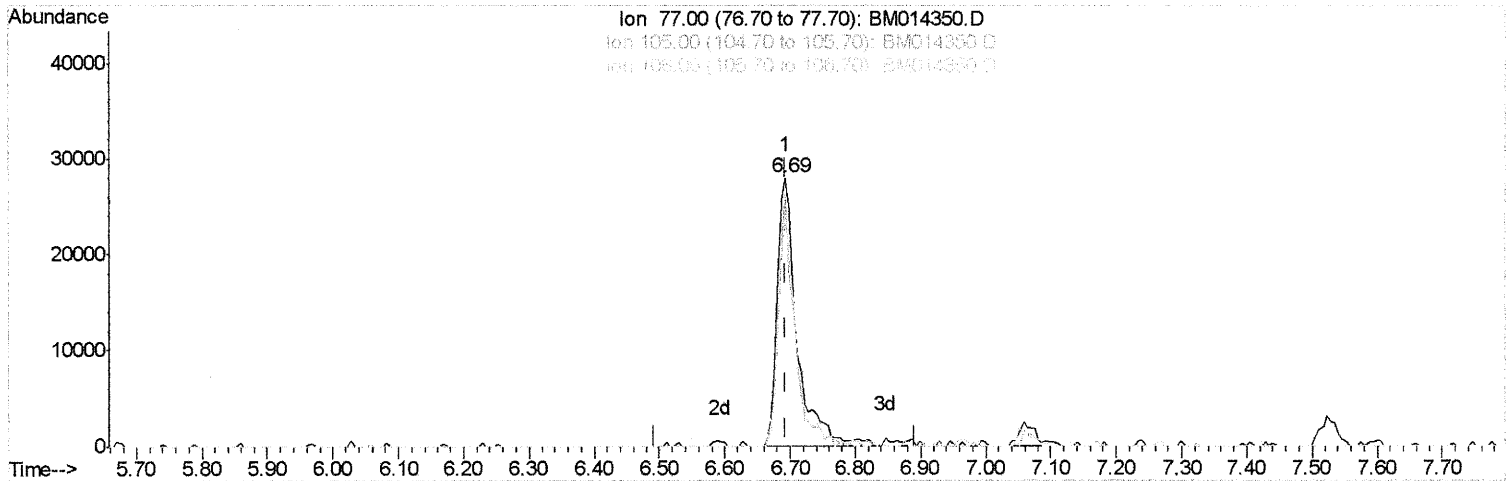
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
 Data File : BM014350.D
 Acq On : 26 Feb 2018 11:23
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
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Manual Integrations
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Sohil
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TIC: BM014350.D

(4) Benzaldehyde

6.693min (+0.000) 23.69ng/ul m SJ 2/27/18

response 57914

Ion	Exp%	Act%
77.00	100	100
105.00	82.60	93.94
106.00	84.70	86.85
0.00	0.00	0.00

Quantitation Report (Qedit)

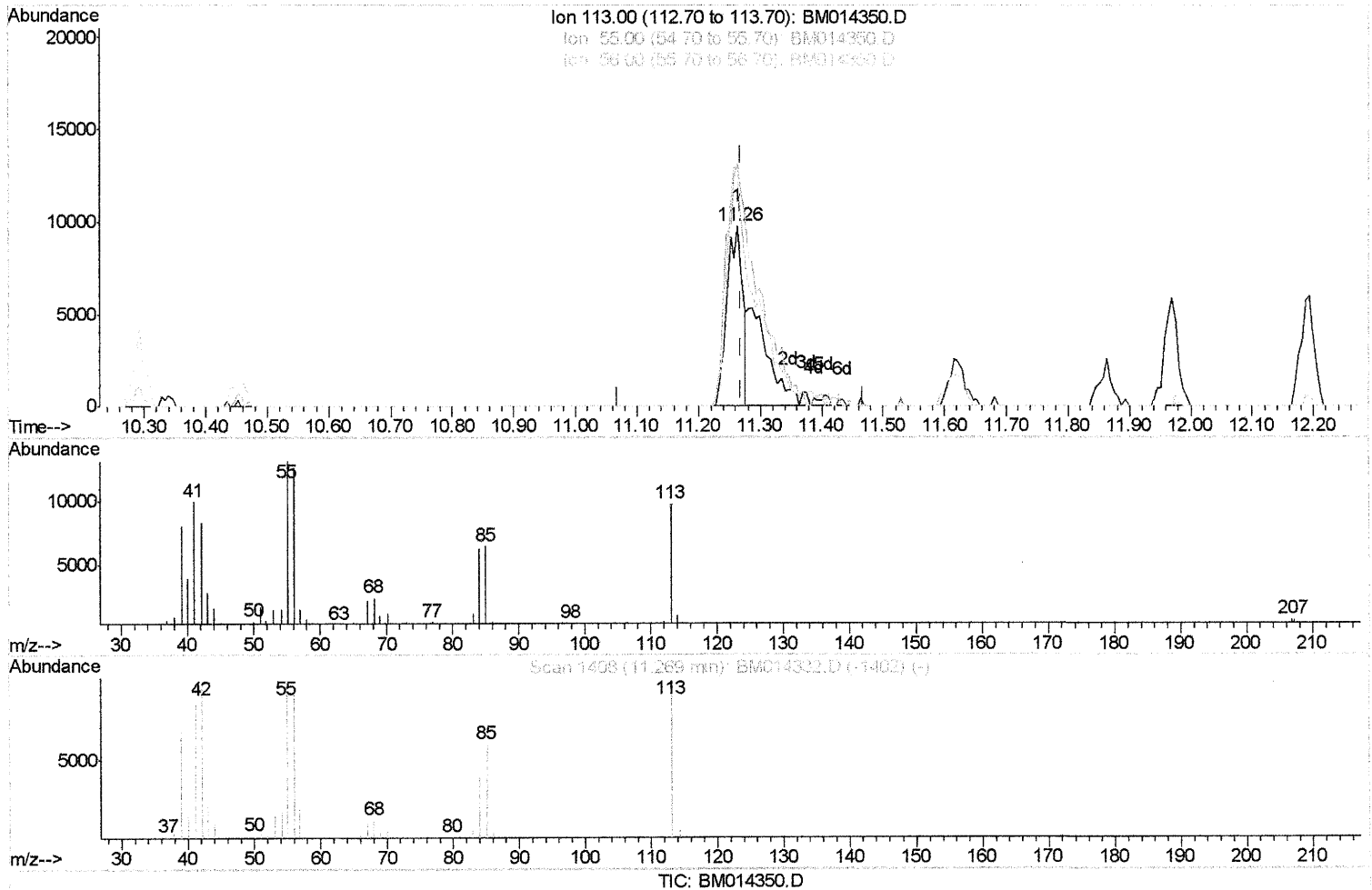
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
 Data File : BM014350.D
 Acq On : 26 Feb 2018 11:23
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampled :
 SSTD02003

Manual Integrations
 APPROVED

Sohil
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(32) Caprolactam
 11.263min (-0.006) 10.92ng/ul
 response 17490

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	134.70#
56.00	200.00	129.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

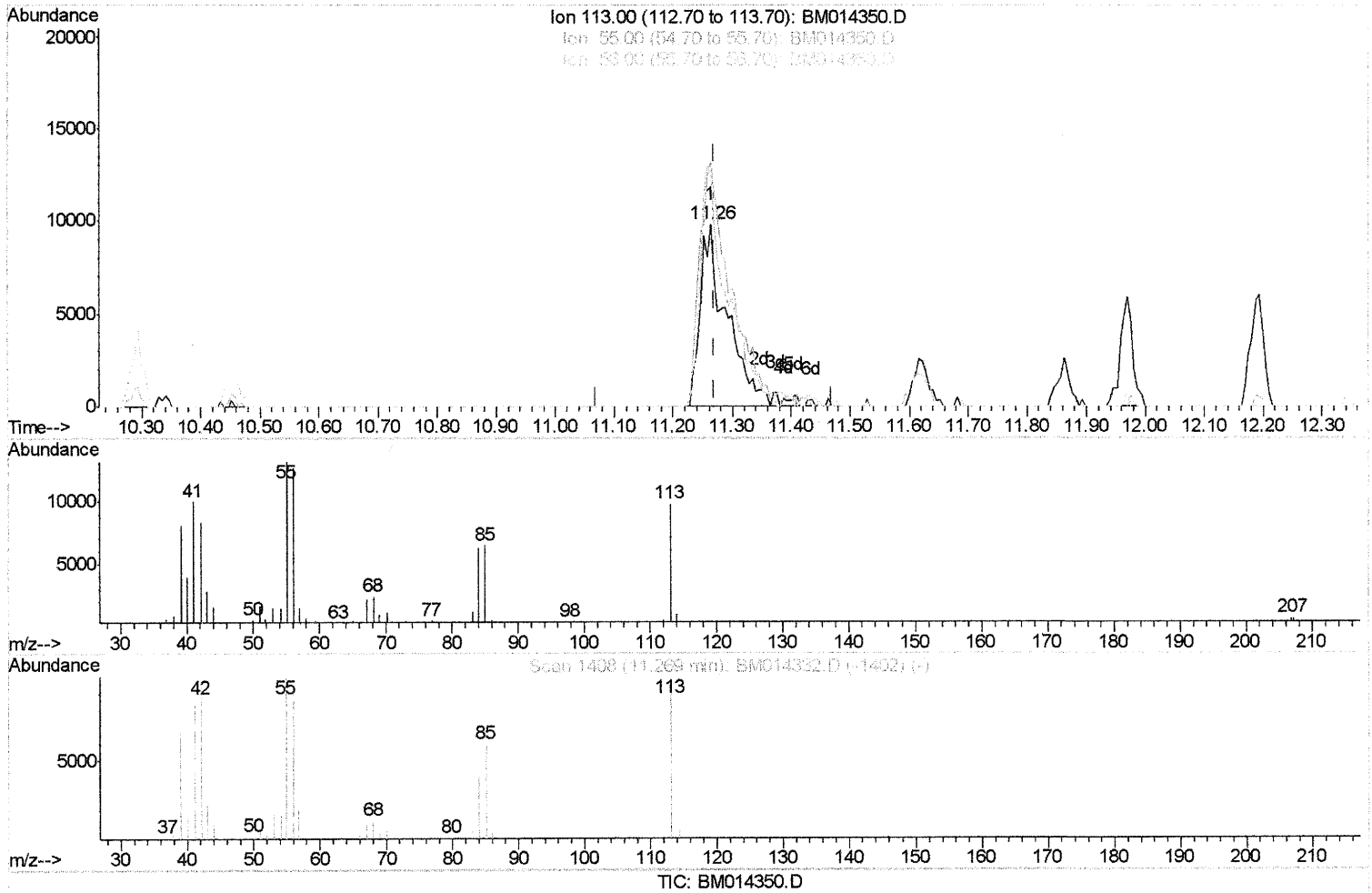
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
 Data File : BM014350.D
 Acq On : 26 Feb 2018 11:23
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampled :
 SSTD02003

Manual Integrations
 APPROVED

Sohil
 2/27/2018 4:57:30 PM

Quant Time: Feb 27 01:21:22 2018
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 23:12:42 2018
 Response via : Initial Calibration



(32) Caprolactam

11.263min (-0.006) 19.06ng/ul m SJ 2/27/18

response 30531

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	134.70#
56.00	200.00	129.16#
0.00	0.00	0.00

Quantitation Report (Qedit)

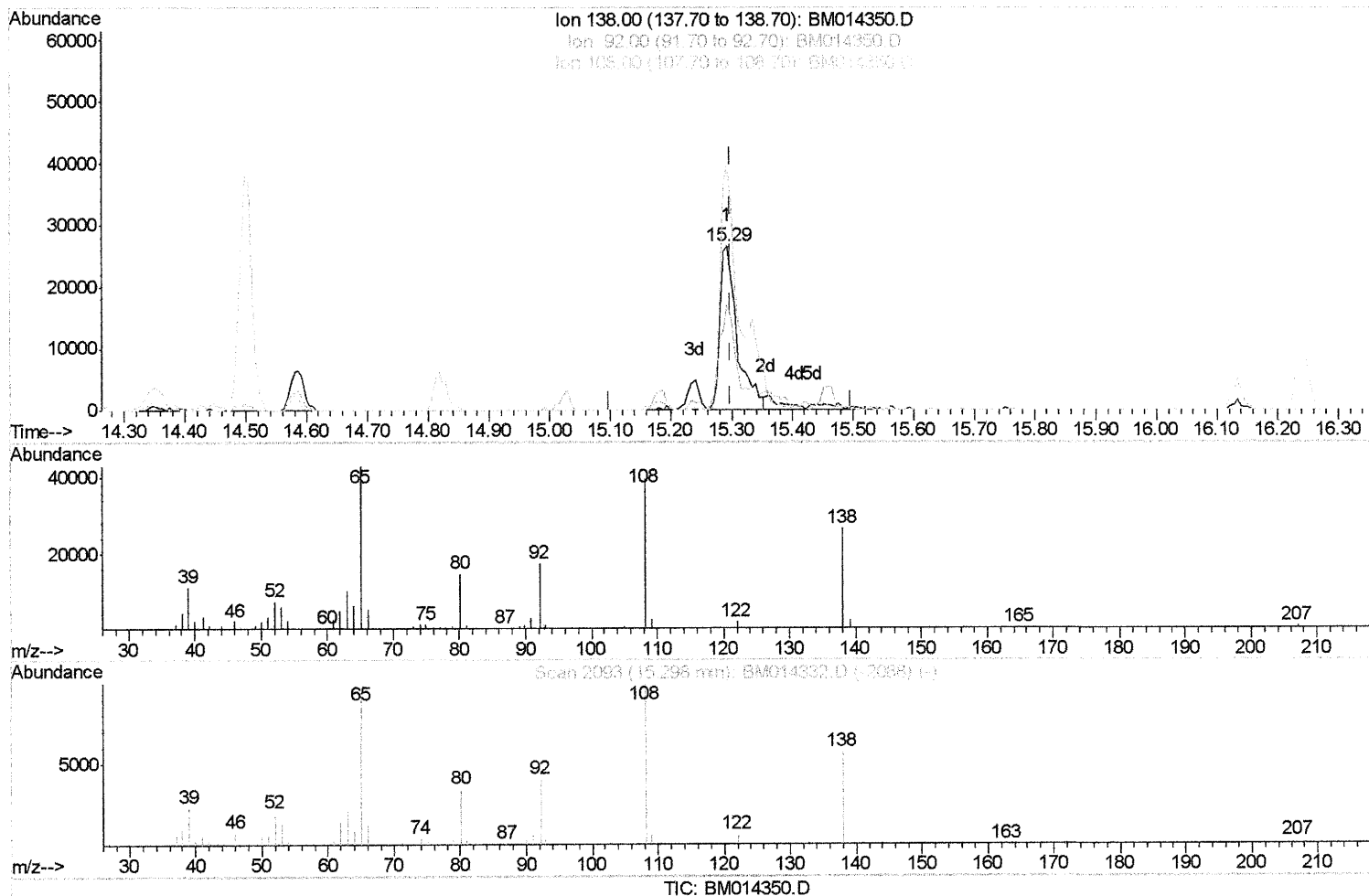
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
 Data File : BM014350.D
 Acq On : 26 Feb 2018 11:23
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02003

Manual Integrations
 APPROVED

Sohil
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Quant Time: Feb 27 01:21:22 2018
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 23:12:42 2018
 Response via : Initial Calibration



(60) 4-Nitroaniline

15.292min (-0.006) 14.95ng/ul

response 52693

Ion	Exp%	Act%
138.00	100	100
92.00	50.00	65.21#
108.00	100.00	148.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

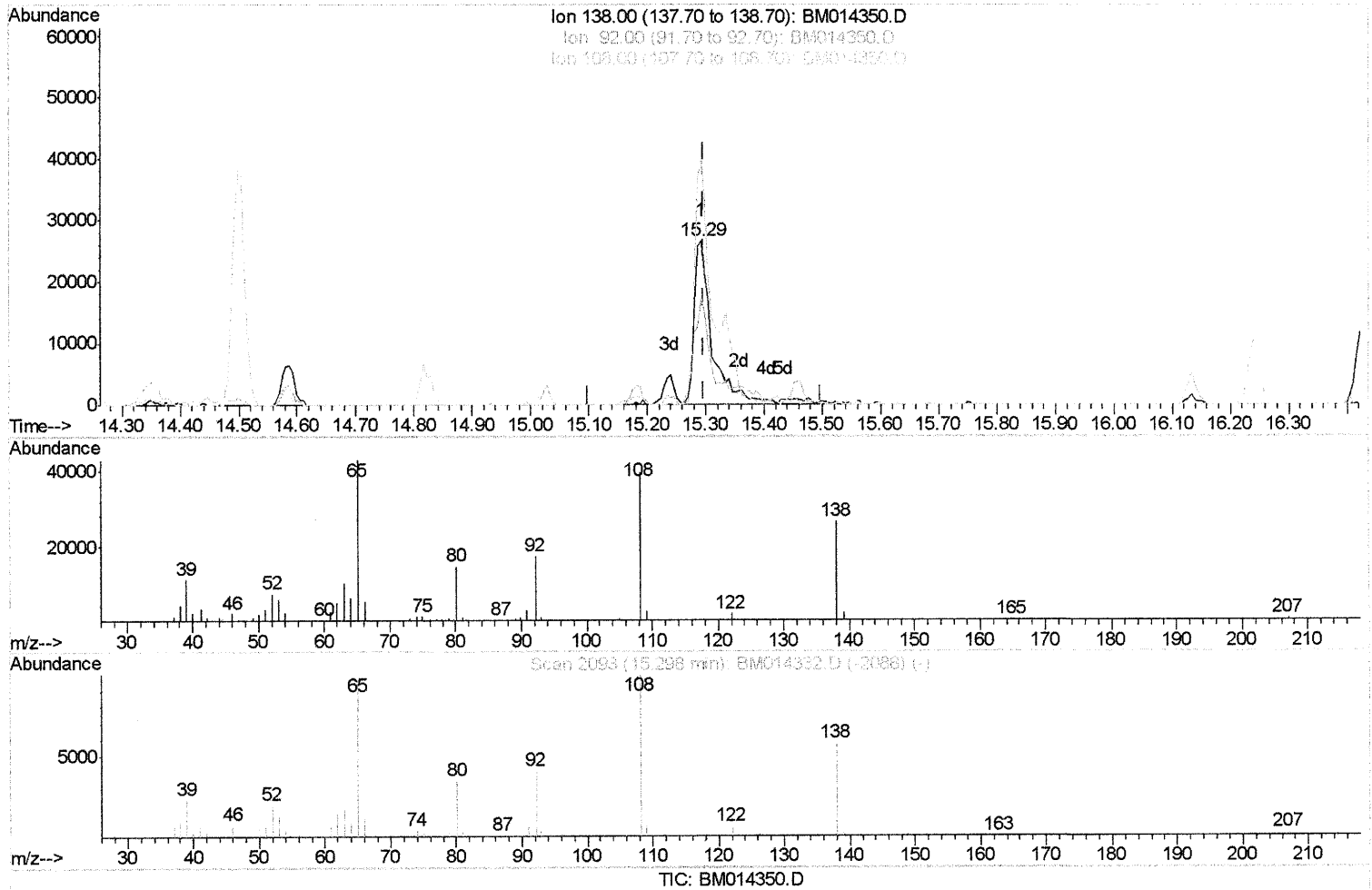
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
 Data File : BM014350.D
 Acq On : 26 Feb 2018 11:23
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02003

Manual Integrations
 APPROVED

Sohil
 2/27/2018 4:57:30 PM

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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration



(60) 4-Nitroaniline

15.292min (-0.006) 16.20ng/ul m SJ 2/27/18

response 57082

Ion	Exp%	Act%
138.00	100	100
92.00	50.00	65.21#
108.00	100.00	148.92#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument :
BNA_M
Lab Sample Id :
SSTD02003

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
Data File : BM014350.D
Acq On : 26 Feb 2018 11:23
Operator : SJ/JU
Sample : SSTDDCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
2/27/2018 4:57:30 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	70948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	332749	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	239659	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	573131	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	617563	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	531582	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	10955	6.61	ng/uL	0.00
5) Phenol-d5	6.72	99	107200	17.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	67011	18.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	82654	17.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	96138	18.32	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	48342	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	50506	19.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	101993	19.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	116981	22.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	372164	18.80	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	468504	19.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	40054	14.66	ng/ul	0.00
57) Fluorene-d10	15.18	176	334955	18.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	59290	17.24	ng/ul	0.00
70) Anthracene-d10	17.04	188	546782	19.77	ng/ul	0.00
76) Pyrene-d10	19.34	212	610425	19.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	500808	19.36	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.13	88	13974m	7.588	ng/uL
4) Benzaldehyde	6.69	77	57914m	23.689	ng/ul
6) Phenol	6.75	94	114654	18.221	ng/ul 97
8) Bis(2-Chloroethyl)ether	6.97	93	90125	19.740	ng/ul 93
10) 2-Chlorophenol	7.09	128	90278	19.230	ng/ul 95
11) 2-Methylphenol	7.98	108	91744	19.062	ng/ul 94
12) 2,2'-oxybis(1-Chloropropan	8.06	45	91341	19.825	ng/ul# 68
14) Acetophenone	8.35	105	161813	17.876	ng/ul# 97
15) N-Nitroso-di-n-propylamine	8.33	70	87510	19.291	ng/ul# 77
16) 4-Methylphenol	8.30	108	98739	18.827	ng/ul 98
17) Hexachloroethane	8.58	117	47501	19.423	ng/ul# 65
20) Nitrobenzene	8.72	77	141458	19.451	ng/ul 96
21) Isophorone	9.24	82	243721	19.593	ng/ul 97
23) 2-Nitrophenol	9.43	139	55647	20.187	ng/ul 96
24) 2,4-Dimethylphenol	9.49	107	128167	18.965	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.73	93	131578	20.081	ng/ul# 94
27) 2,4-Dichlorophenol	9.96	162	94802	18.954	ng/ul# 88
28) Naphthalene	10.34	128	329993	19.309	ng/ul 98
30) 4-Chloroaniline	10.48	127	118424	22.359	ng/ul 91
31) Hexachlorobutadiene	10.61	225	74661	18.815	ng/ul 93
32) Caprolactam	11.26	113	30531m	19.058	ng/ul -
33) 4-Chloro-3-methylphenol	11.62	107	119756	19.815	ng/ul 92
34) 2-Methylnaphthalene	11.97	142	255173	19.617	ng/ul 96

> SS 2/27/18

- SS 2/27/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	141685	18.417	ng/ul#	96
37) Hexachlorocyclopentadiene	12.31	237	57395	13.709	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.60	196	93940	19.572	ng/ul	94
39) 2,4,5-Trichlorophenol	12.68	196	95758	19.523	ng/ul	92
40) 1,1'-Biphenyl	13.00	154	355008	19.230	ng/ul	95
41) 2-Chloronaphthalene	13.05	162	278338	18.874	ng/ul	91
42) 2-Nitroaniline	13.27	65	96858	19.410	ng/ul	84
44) Dimethylphthalate	13.65	163	371059	19.013	ng/ul	98
45) 2,6-Dinitrotoluene	13.78	165	70437	18.997	ng/ul#	80
47) Acenaphthylene	13.90	152	441833	19.154	ng/ul	98
48) 3-Nitroaniline	14.12	138	58559	18.634	ng/ul	97
49) Acenaphthene	14.25	153	305814	18.828	ng/ul	97
50) 2,4-Dinitrophenol	14.35	184	23811	11.940	ng/ul#	55
52) 4-Nitrophenol	14.45	109	55391	15.462	ng/ul#	62
53) Dibenzofuran	14.59	168	459354	18.861	ng/ul	93
54) 2,4-Dinitrotoluene	14.58	165	111106	18.702	ng/ul#	41
55) 2,3,4,6-Tetrachlorophenol	14.82	232	91231	18.393	ng/ul#	80
56) Diethylphthalate	15.03	149	396911	18.251	ng/ul#	91
58) Fluorene	15.24	166	381046	18.123	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.24	204	200647	18.245	ng/ul	89
60) 4-Nitroaniline	15.29	138	57082m	16.197	ng/ul	-
63) 4,6-Dinitro-2-methylphenol	15.35	198	61413	17.550	ng/ul#	99
64) N-Nitrosodiphenylamine	15.46	169	326214	19.807	ng/ul	98
65) 4-Bromophenyl-phenylether	16.13	248	122854	19.210	ng/ul#	85
66) Hexachlorobenzene	16.24	284	128189	19.061	ng/ul#	76
67) Atrazine	16.42	200	119696	18.402	ng/ul	90
68) Pentachlorophenol	16.60	266	65092	18.470	ng/ul	96
69) Phenanthrene	16.98	178	634317	19.209	ng/ul	98
71) Anthracene	17.07	178	645325	19.432	ng/ul	99
72) Carbazole	17.36	167	525679	18.825	ng/ul	94
73) Di-n-butylphthalate	17.92	149	697340	19.357	ng/ul	99
74) Fluoranthene	19.01	202	760134	19.267	ng/ul#	94
77) Pvrene	19.37	202	785829	19.147	ng/ul#	93
78) Butylbenzylphthalate	20.29	149	324649	19.131	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.08	252	190115	17.510	ng/ul	94
80) Benzo(a)anthracene	21.14	228	755051	19.590	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	490303	20.174	ng/ul#	96
82) Chrysene	21.19	228	694243	19.309	ng/ul	97
84) Di-n-octyl phthalate	21.93	149	791317	17.347	ng/ul#	93
85) Benzo(b)fluoranthene	22.67	252	688386	19.340	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	629920	18.614	ng/ul#	97
88) Benzo(a)pyrene	23.23	252	609497	19.163	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.48	276	615460	19.941	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.48	278	507141	19.775	ng/ul#	97
91) Benzo(g,h,i)perylene	26.13	276	503900	20.154	ng/ul#	92

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