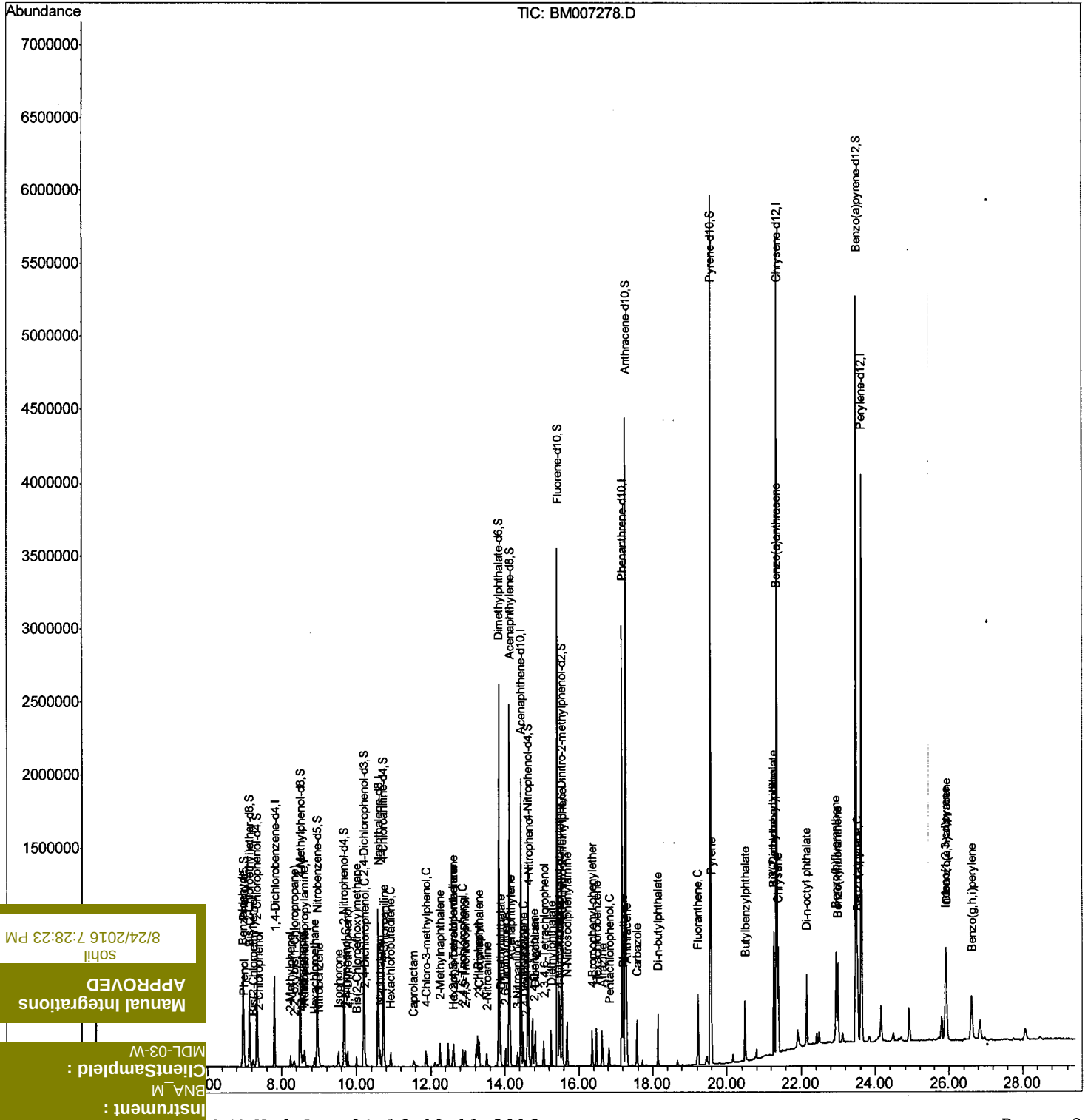


(QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
Data File : BM007278.D
Acq On : 24 Aug 2016 12:16
Operator : UM/SJ
Sample : MDL-03-W
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 24 14:03:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 24 13:51:40 2016
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
 Data File : BM007278.D
 Acq On : 24 Aug 2016 12:16
 Operator : UM/SJ
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 24 13:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	46718	2.22	ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	19657	1.55	ng/ul	99
38) 2,4,6-Trichlorophenol	12.86	196	28655	1.92	ng/ul	97
39) 2,4,5-Trichlorophenol	12.93	196	29138	1.87	ng/ul	92
40) 1,1'-Biphenyl	13.26	154	109005	2.22	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	83908	2.18	ng/ul	97
42) 2-Nitroaniline	13.51	65	23918	1.90	ng/ul	99
44) Dimethylphthalate	13.89	163	132996	2.44	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	23638	2.13	ng/ul	93
47) Acenaphthylene	14.15	152	144194	2.21	ng/ul	99
48) 3-Nitroaniline	14.34	138	24055	2.12	ng/ul	99
49) Acenaphthene	14.49	153	95747	2.26	ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	10553	1.40	ng/ul	92
52) 4-Nitrophenol	14.65	109	28301	2.58	ng/ul	92
53) Dibenzofuran	14.83	168	146118	2.30	ng/ul	95
54) 2,4-Dinitrotoluene	14.80	165	38105	2.24	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	34009	2.13	ng/ul	98
56) Diethylphthalate	15.26	149	133554	2.35	ng/ul	96
58) Fluorene	15.48	166	126189	2.42	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.47	204	67096	2.46	ng/ul	96
60) 4-Nitroaniline	15.50	138	28276	2.20	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.56	198	27745	2.37	ng/ul#	82
64) N-Nitrosodiphenylamine	15.69	169	112173	2.30	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	45099	2.29	ng/ul	94
66) Hexachlorobenzene	16.48	284	52639	2.38	ng/ul	97
67) Atrazine	16.63	200	47545	2.31	ng/ul	99
68) Pentachlorophenol	16.83	266	24715	1.73	ng/ul	95
69) Phenanthrene	17.22	178	226606	2.42	ng/ul	99
71) Anthracene	17.31	178	229314	2.37	ng/ul	99
72) Carbazole	17.58	167	205029	2.44	ng/ul	99
73) Di-n-butylphthalate	18.14	149	237457	2.24	ng/ul	98
74) Fluoranthene	19.23	202	304124	2.59	ng/ul	99
77) Pyrene	19.59	202	331838	2.34	ng/ul	98
78) Butylbenzylphthalate	20.49	149	111184	1.89	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.27	252	117659	2.24	ng/ul	99
80) Benzo(a)anthracene	21.34	228	376765	2.42	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	174832	2.04	ng/ul	98
	21.39	228	343803	2.44	ng/ul	99
	22.16	149	309845	2.08	ng/ul	99
	22.94	252	405670	2.30	ng/ul	99
	22.99	252	399036	2.45	ng/ul	99
	23.53	252	407418	2.41	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.91	276	485451	2.34	ng/ul	99
	25.93	278	410902	2.38	ng/ul	97
	26.61	276	407268	2.31	ng/ul	98

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

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
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 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 24 14:03:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 24 13:51:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	166446	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	843314	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	633133	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1745993	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2641098	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2985690	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.31	96	8672	2.66	ng/uL	0.00
5) Phenol-d5	6.97	99	387437	24.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	228209	27.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	301294	25.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	351981	25.67	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	167186	27.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	198431	27.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	358607	24.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	522465	29.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1668885	30.55	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1780460	28.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	304361	29.52	ng/ul	0.00
57) Fluorene-d10	15.43	176	1382388	29.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	307320	27.99	ng/ul	0.00
70) Anthracene-d10	17.27	188	2403602	29.47	ng/ul	0.00
76) Pyrene-d10	19.57	212	3120368	28.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3927713	28.56	ng/ul	0.00

Target Compounds

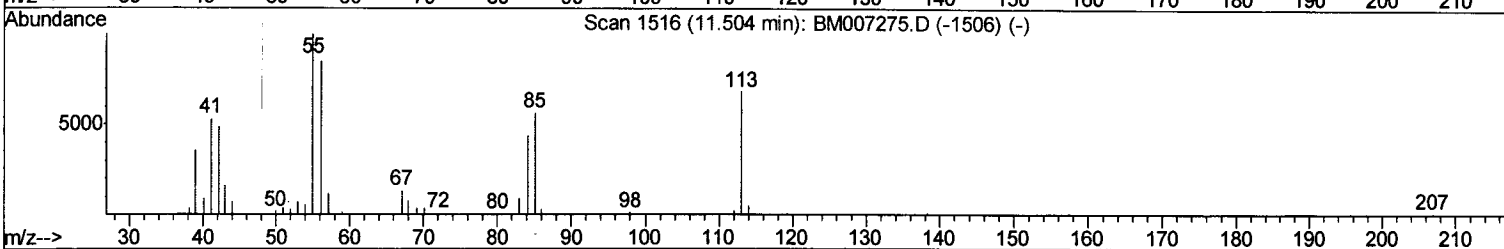
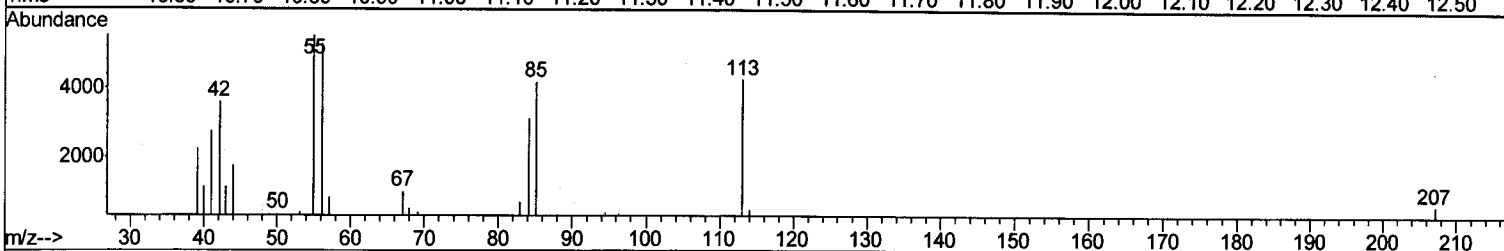
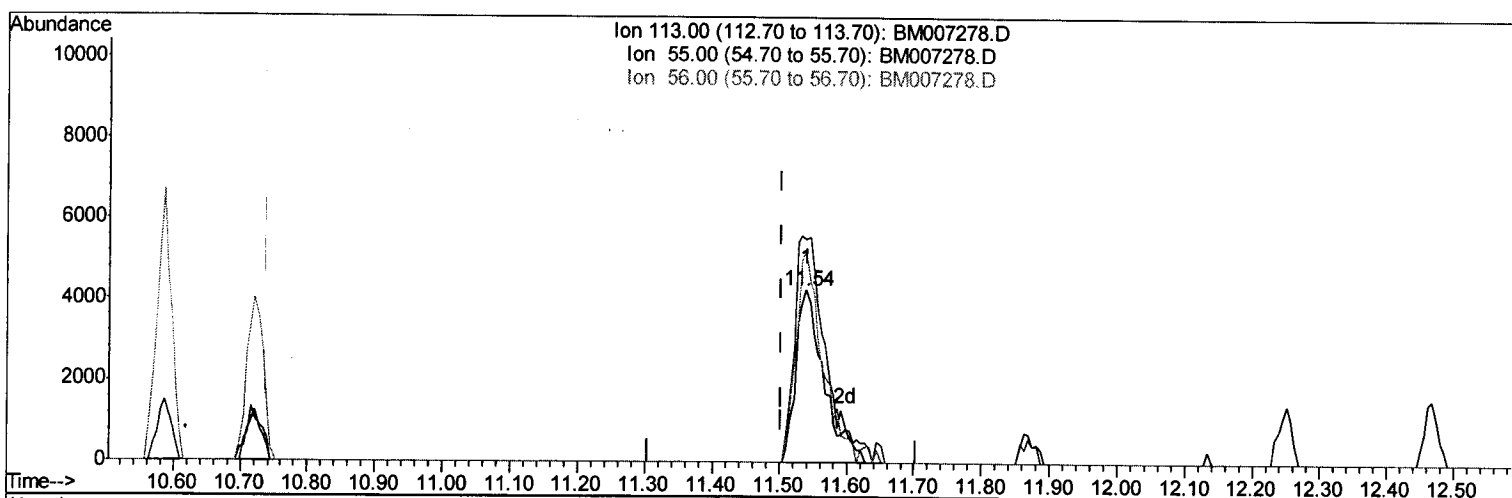
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.35	88	2794m	0.77	ng/uL	
4) Benzaldehyde	6.95	77	23675	2.64	ng/ul	91
6) Phenol	6.99	94	32412	1.99	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.23	93	26028	2.29	ng/ul	95
10) 2-Chlorophenol	7.37	128	23762	2.00	ng/ul	93
11) 2-Methylphenol	8.24	108	24554	1.93	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.33	45	28226	2.21	ng/ul#	90
14) Acetophenone	8.62	105	47169	2.24	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	25181	2.25	ng/ul	96
16) 4-Methylphenol	8.56	108	28731	2.01	ng/ul	87
17) Hexachloroethane	8.87	117	9519	2.06	ng/ul	94
20) Nitrobenzene	9.00	77	36233	2.28	ng/ul	97
21) Isophorone	9.52	82	71164	2.20	ng/ul	99
23) 2-Nitrophenol	9.70	139	17092	2.17	ng/ul#	88
phenol	9.76	107	36175	2.09	ng/ul	98
ethoxy)methane	10.00	93	38919	2.13	ng/ul	98
phenol	10.23	162	29806	2.08	ng/ul	94
	10.63	128	88620	2.11	ng/ul	98
ine	10.75	127	41246	2.23	ng/ul#	88
adiene	10.92	225	21075	2.18	ng/ul	98
32) Caprolactam	11.54	113	12375m	2.15	ng/ul	
MDL-03-W	11.87	107	35694	2.02	ng/ul	98
ethylphenol	12.25	142	75080	2.19	ng/ul	98
BNA_M						
Instrument						

U.M
 08/25/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
 Data File : BM007278.D
 Acq On : 24 Aug 2016 12:16
 Operator : UM/SJ
 Sample : MDL-03-W
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 24 14:01:49 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 24 13:51:40 2016
 Response via : Initial Calibration



TIC: BM007278.D

(32) Caprolactam

11.539min (+0.035) 2.15ng/ul m

8/24/2016 7:28:23 PM

Sohil

APPROVED
 Manual Integrations

Act%

100

55.00 152.40 129.58

MDL-03-W

ClientSampled : 124.09

BNA_M

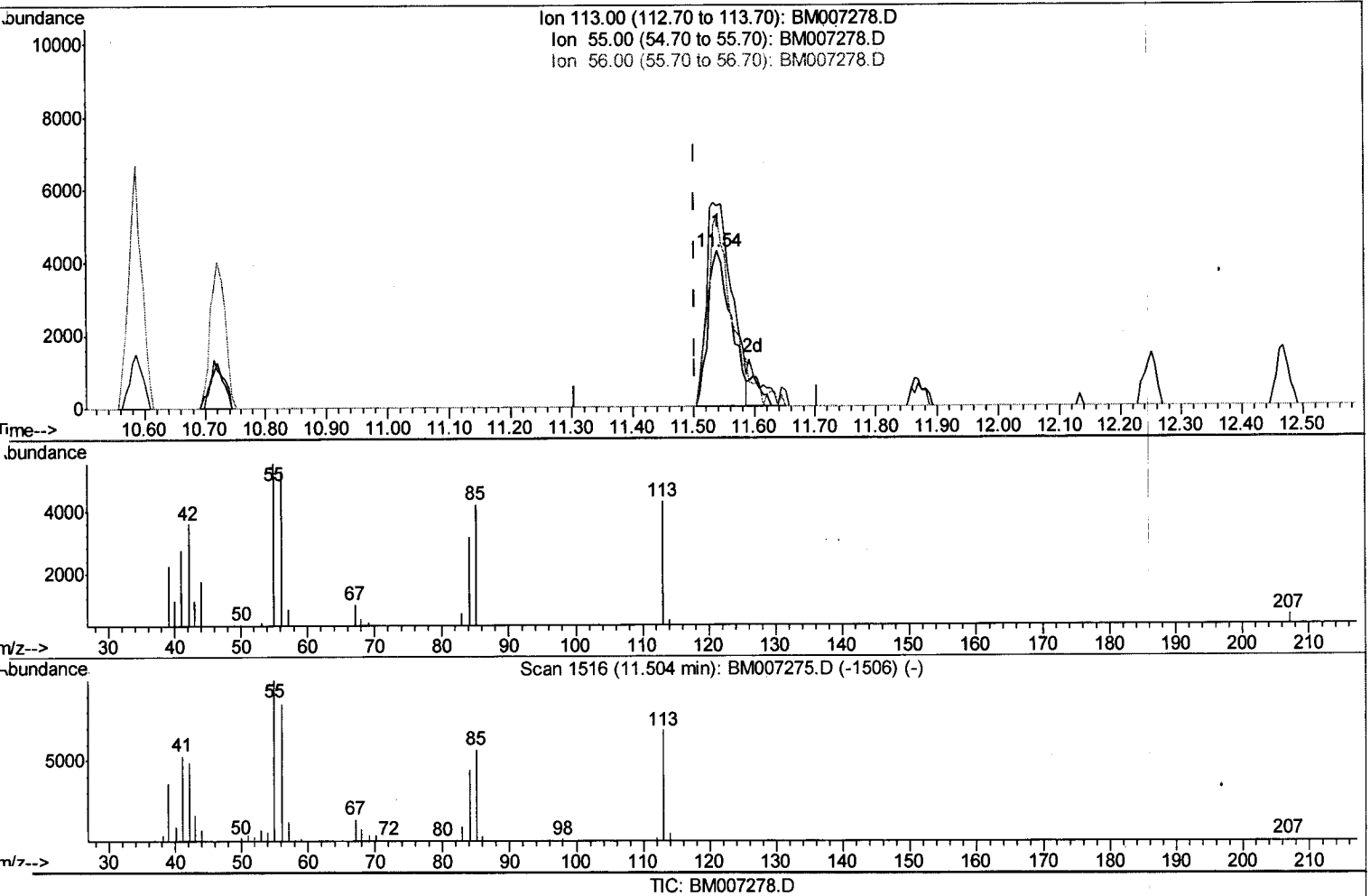
Instrument : 0.00

U.M
 08/25/16

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
 Data File : BM007278.D
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 24 13:51:40 2016
 Response via : Initial Calibration



(32) Caprolactam

11.539min (+0.035) 1.95ng/ul

response 11245

Ion Exp% Act%

00
 29.58
 24.09
 00

8/24/2016 7:28:23 PM

sohil

APPROVED

Manual Integrations

MDL-03-W

ClientSampled :

BNA_M

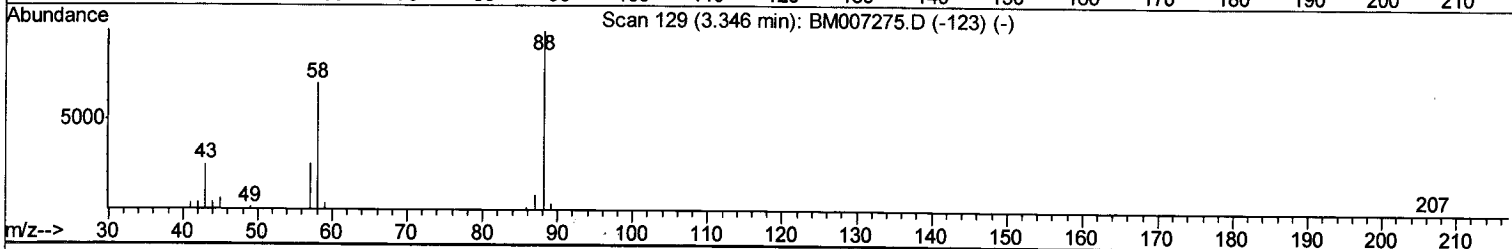
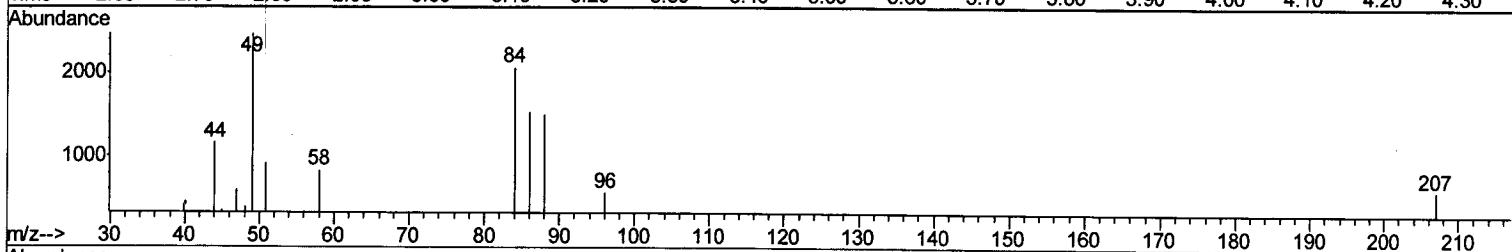
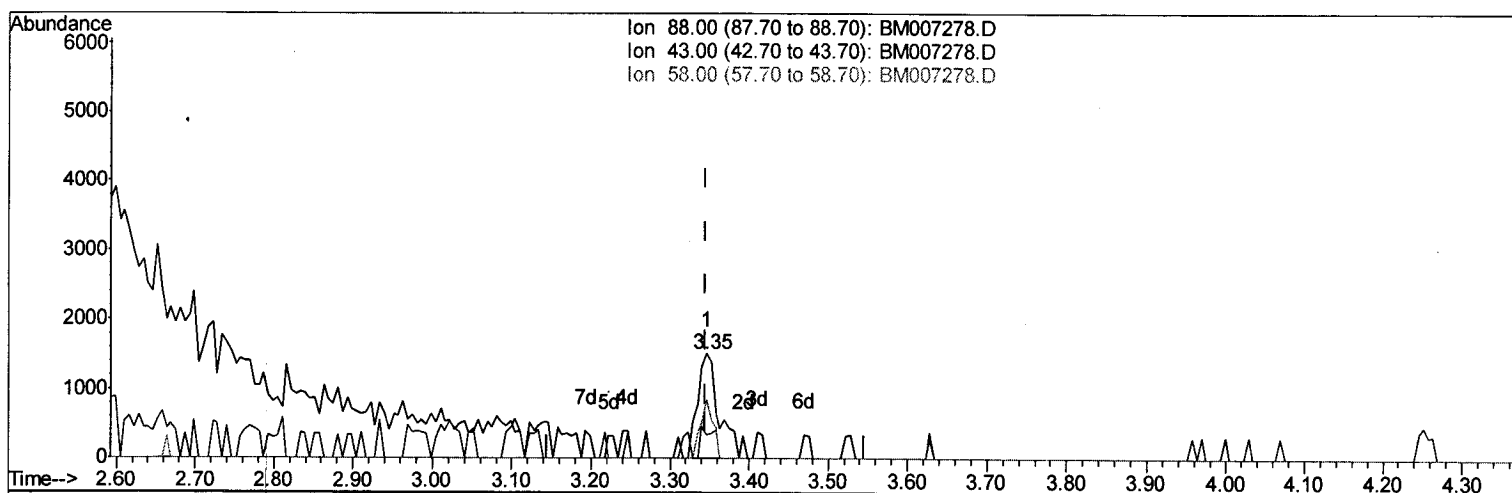
Instrument :

SOM02.2-EPA-BM082316.M Wed Aug 24 14:03:32 2016

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
 Data File : BM007278.D
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 QLast Update : Wed Aug 24 13:51:40 2016
 Response via : Initial Calibration



TIC: BM007278.D

(2) 1,4-Dioxane

3.346min (+0.000) 0.77ng/uL m

U.M
 08/25/16

8/24/2016 7:28:23 PM
 S0111

Manual Integrations
 APPROVED

Act%

100

43.00 28.30 10.13#

MDL-03-W

ClientSample: 33.93#

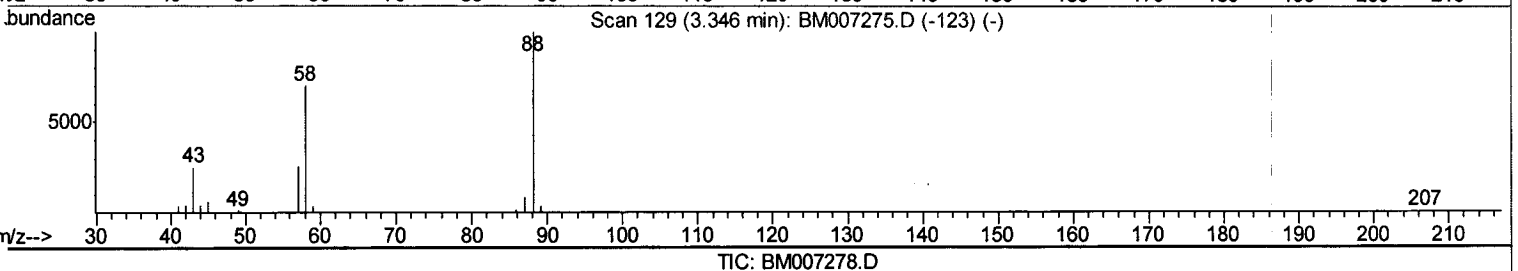
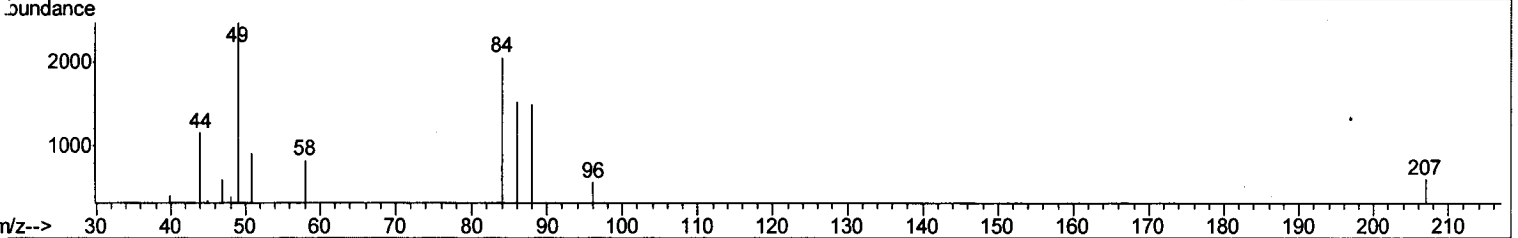
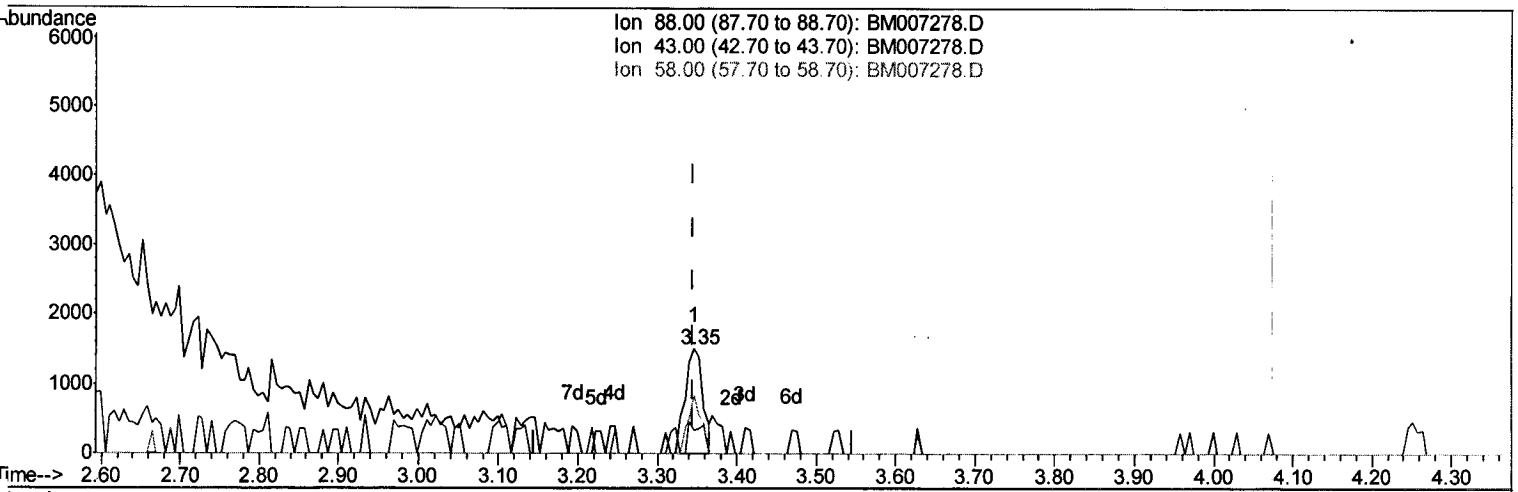
BNA M

Instrument: 0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM082416\
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(2) 1,4-Dioxane

3.346min (+0.000) 0.64ng/uL

response 2313

Ion	Exp%	Act%
88	100	100
43	2.24	0.69
49	0.96	0.00

Manual Integrations
 APPROVED
 8/24/2016 7:28:23 PM
 sohil

Instrument :
 BNA_M
 ClientSampled :
 MDL-03-W