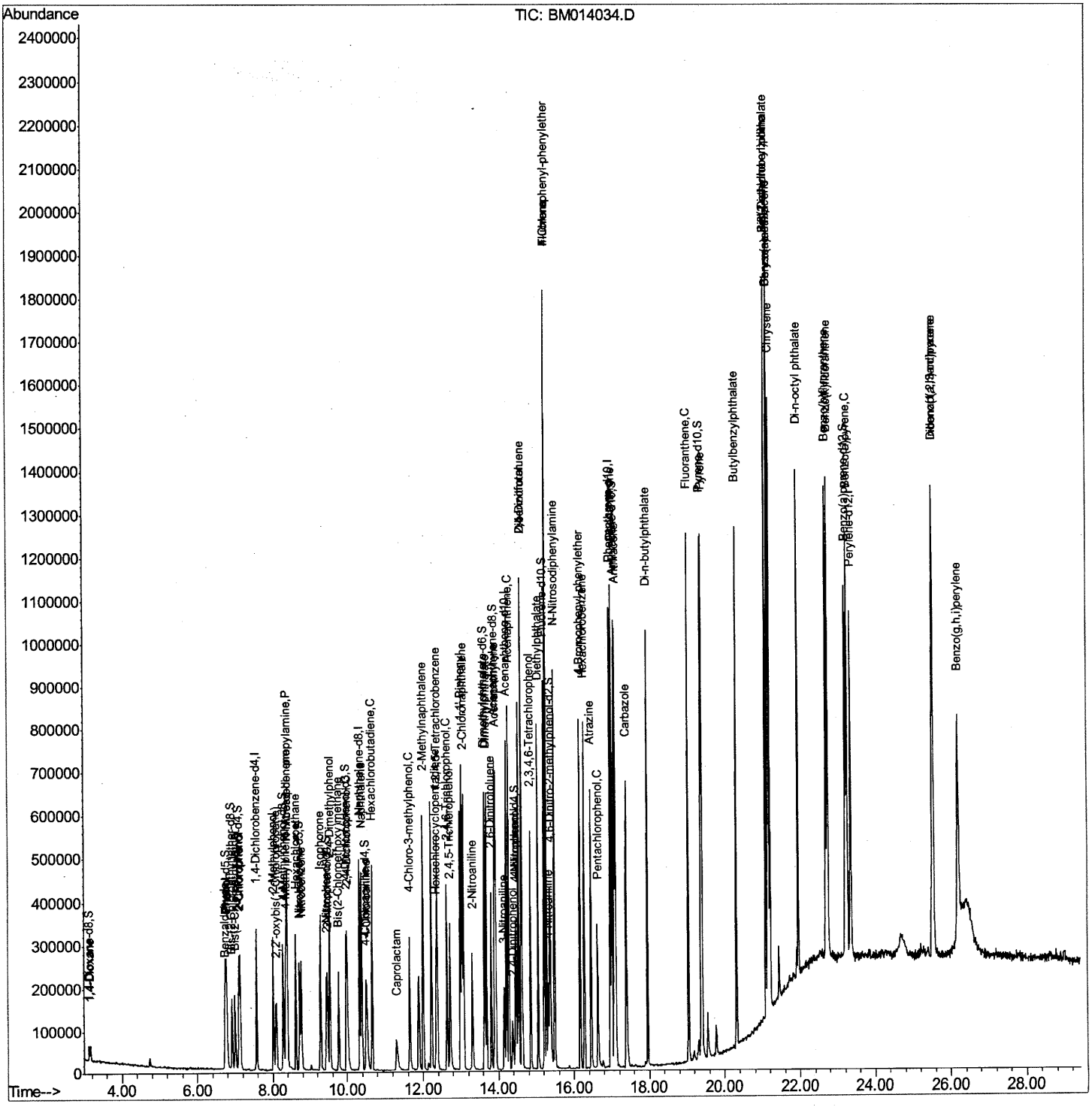
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM013118\
Data File : BM014034.D
Acq On : 31 Jan 2018 15:05
Operator : SJ/JU
Sample : SSTDICV20
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 31 16:15:58 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 16:01:40 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV19

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:22 PM



Quantitation Report (Qedit)

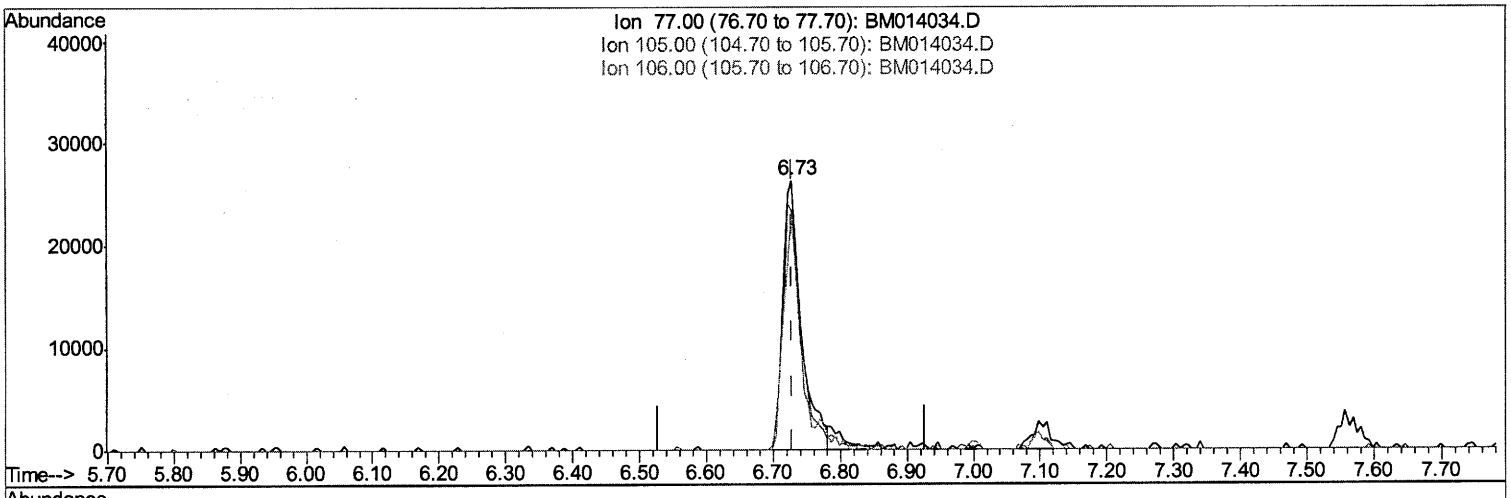
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM013118\
Data File : BM014034.D
Acq On : 31 Jan 2018 15:05
Operator : SJ/JU
Sample : SSTDICV020

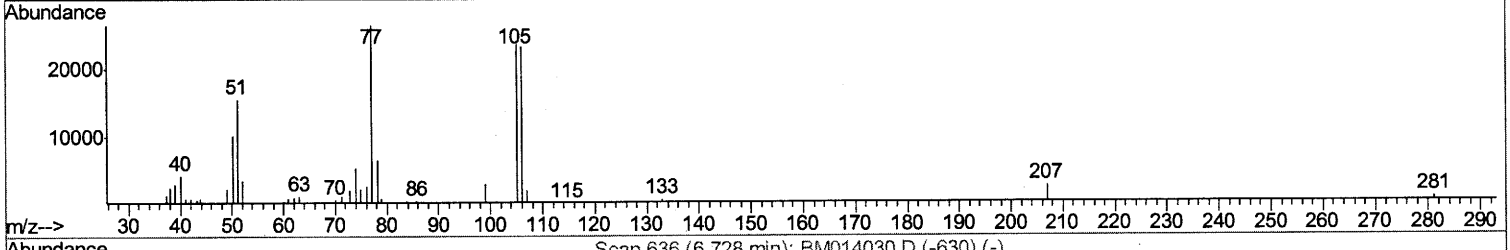
Misc :
ALS Vial : 8 Sample Multiplier: 1

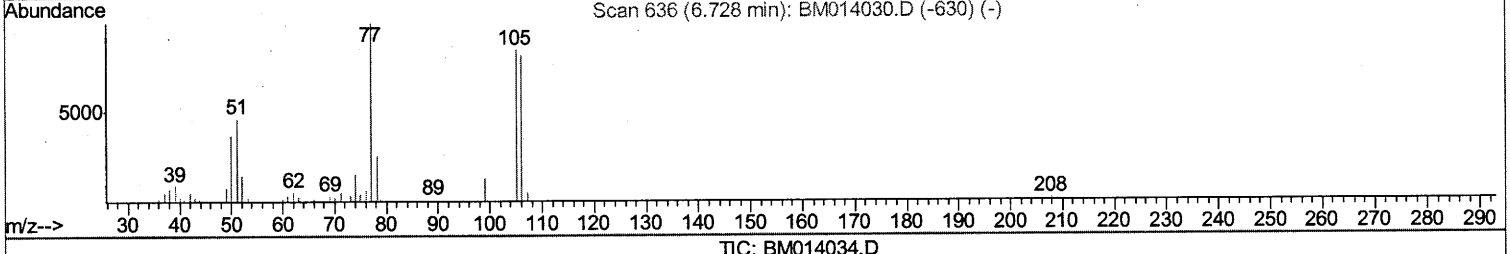
Quant Time: Jan 31 16:07:40 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 16:01:40 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV19

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:22 PM







TIC: BM014034.D

(4) Benzaldehyde

6.728min (0.000) 17.74ng/ul

response 50507

Ion	Exp%	Act%
77.00	100	100
105.00	82.60	89.22
106.00	84.70	88.00
0.00	0.00	0.00

Quantitation Report (Qedit)

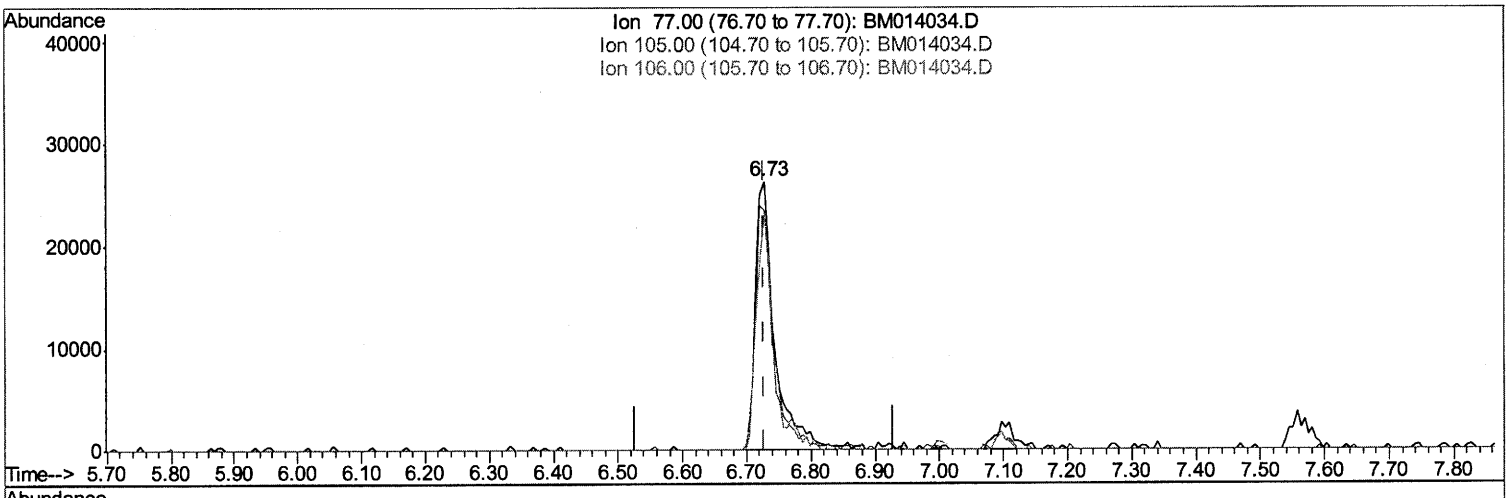
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM013118\
Data File : BM014034.D
Acq On : 31 Jan 2018 15:05
Operator : SJ/JU
Sample : SSTDICV020

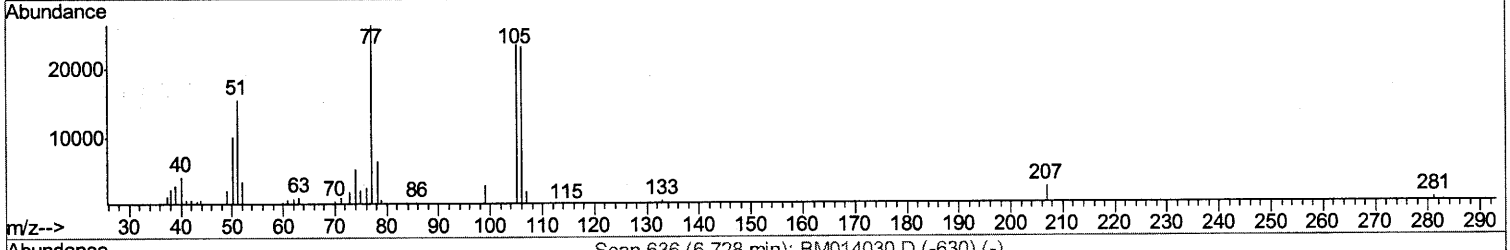
Misc :
ALS Vial : 8 Sample Multiplier: 1

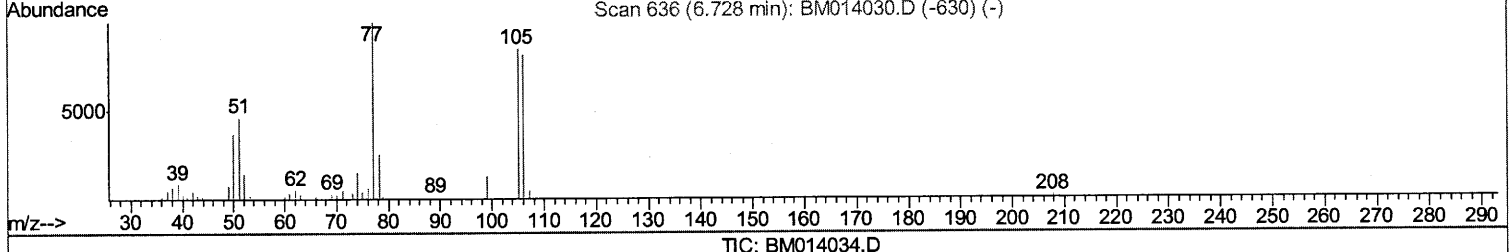
Quant Time: Jan 31 16:07:40 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 16:01:40 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV19

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:22 PM







TIC: BM014034.D

(4) Benzaldehyde

6.728min (0.000) 19.11ng/ul m ? SJ 2/8/18

response 54397

Ion	Exp%	Act%
77.00	100	100
105.00	82.60	89.22
106.00	84.70	88.00
0.00	0.00	0.00

Quantitation Report (Qedit)

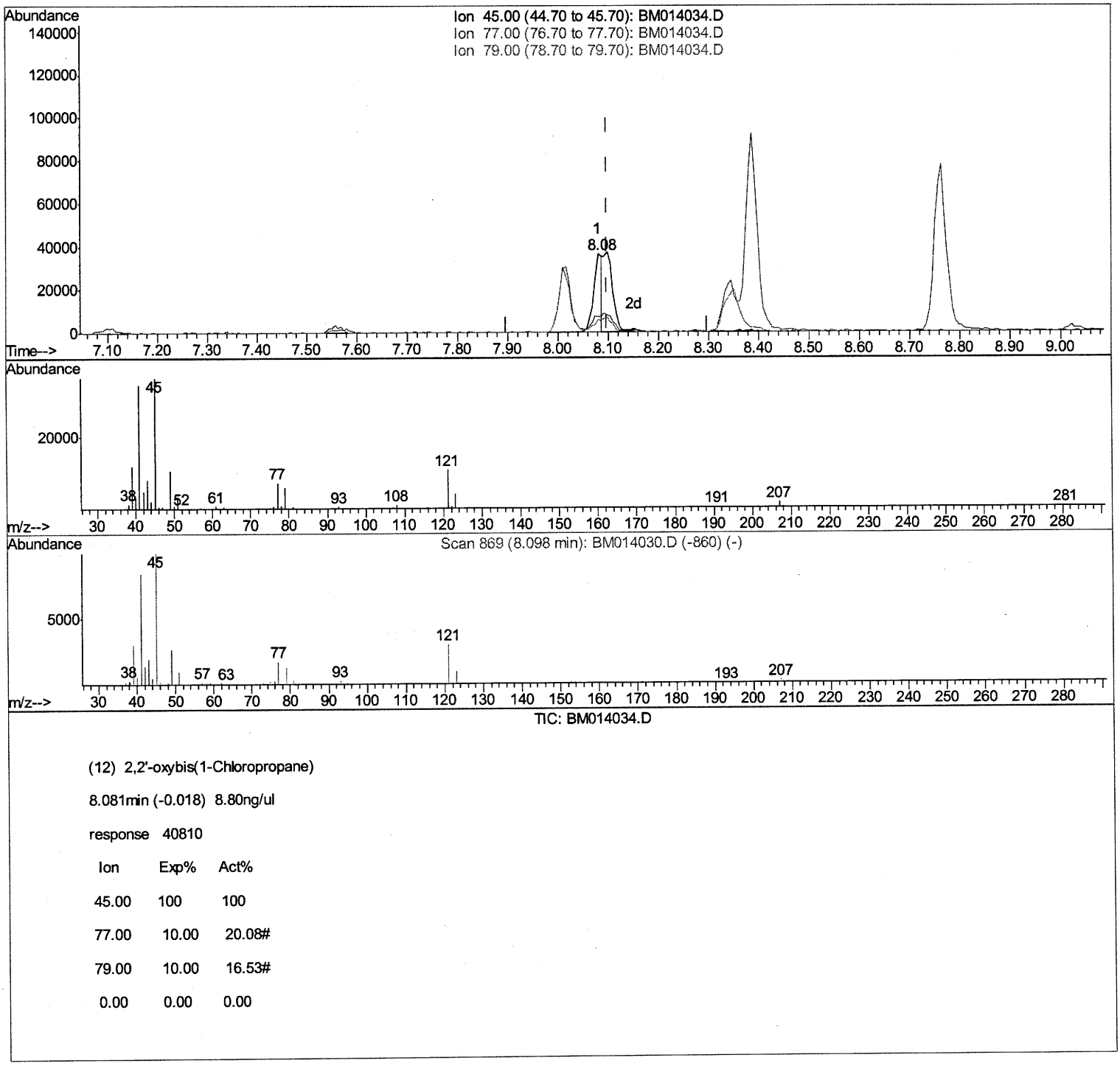
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM013118\
Data File : BM014034.D
Acq On : 31 Jan 2018 15:05
Operator : SJ/JU
Sample : SSTDICV020

Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 31 16:07:40 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 16:01:40 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV19

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:22 PM



TIC: BM014034.D

(12) 2,2'-oxybis(1-Chloropropane)

8.081min (-0.018) 8.80ng/ul

response 40810

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	20.08#
79.00	10.00	16.53#
0.00	0.00	0.00

Quantitation Report (Qedit)

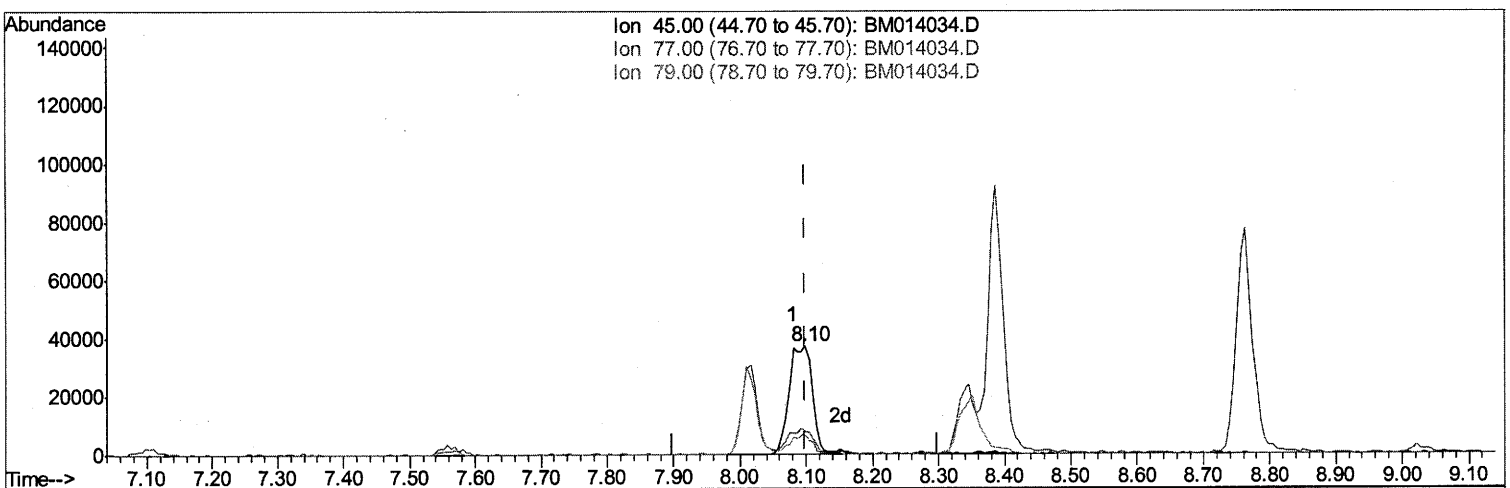
Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM013118\
Data File : BM014034.D
Acq On : 31 Jan 2018 15:05
Operator : SJ/JU
Sample : SSTDICV020

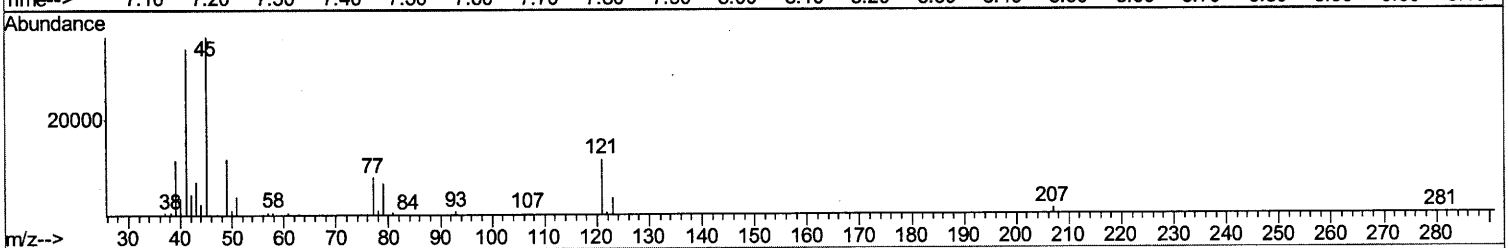
Misc :
ALS Vial : 8 Sample Multiplier: 1

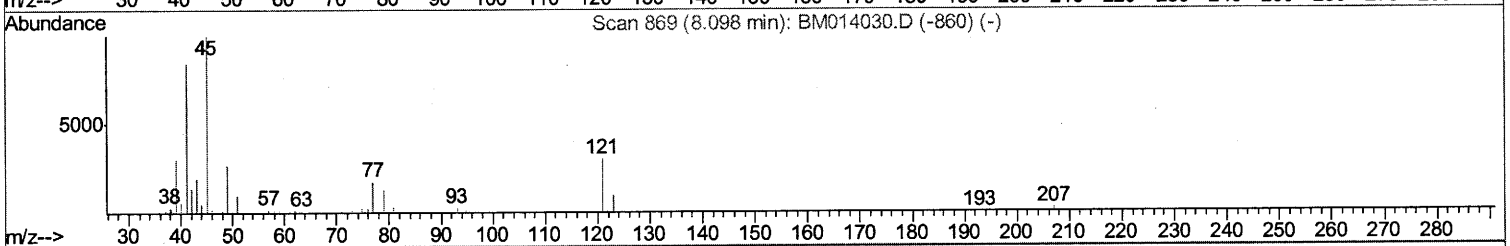
Quant Time: Jan 31 16:07:40 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 16:01:40 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV19

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:22 PM







TIC: BM014034.D

(12) 2,2'-oxybis(1-Chloropropane)

8.098min (+0.000) 19.34ng/ul m) SJ 2/8/18

response 89702

Ion	Exp%	Act%
45.00	100	100
77.00	10.00	21.99#
79.00	10.00	18.82#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM013118\
Data File : BM014034.D
Acq On : 31 Jan 2018 15:05
Operator : SJ/JU
Sample : SSTDICV020

Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 31 16:07:40 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 16:01:40 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV19

Manual Integrations APPROVED
Sohil
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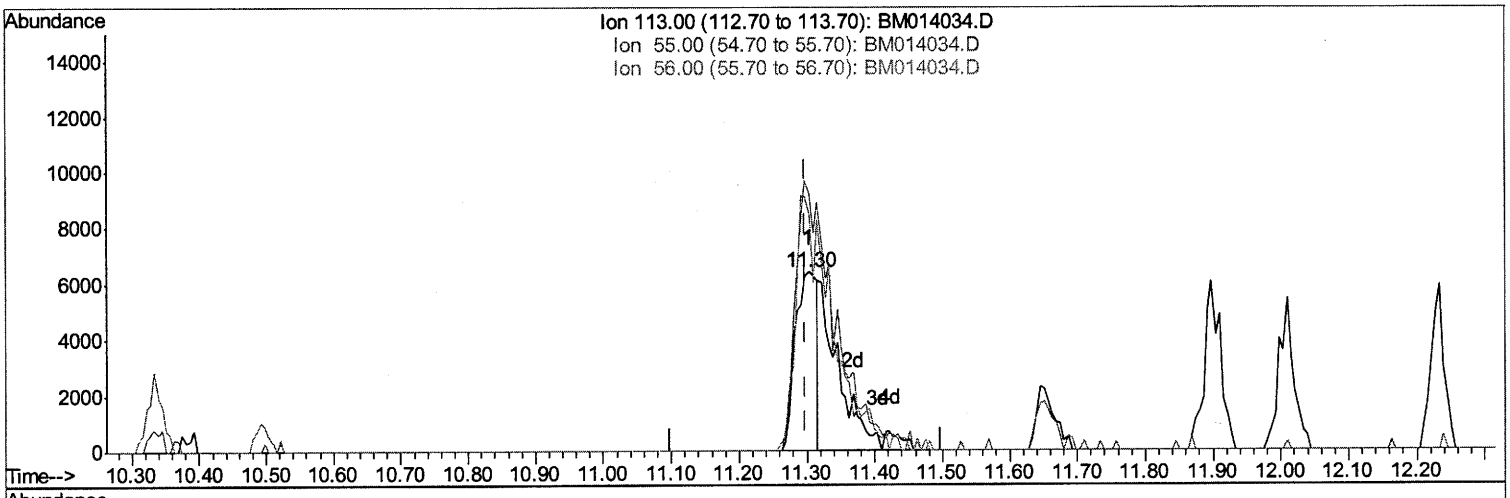

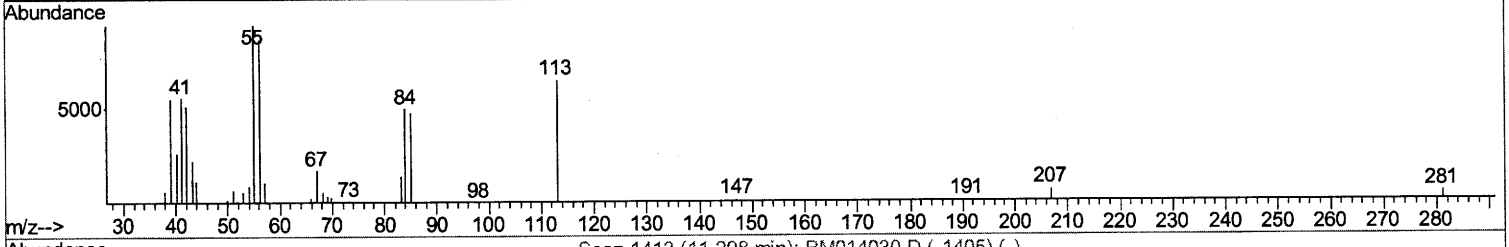

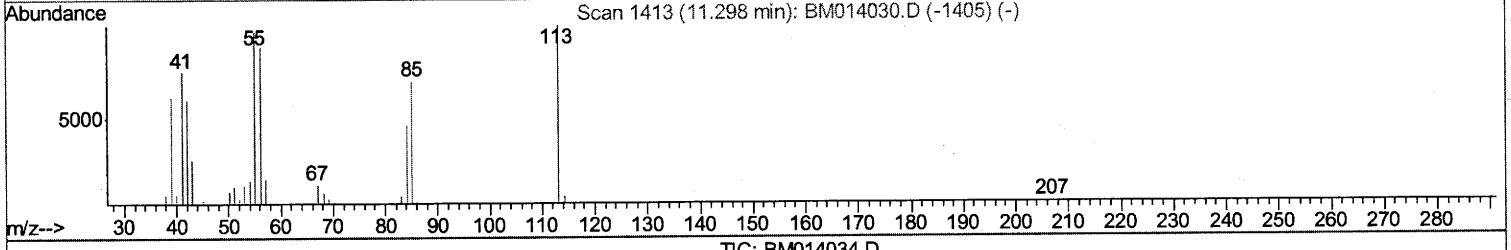

TIC: BM014034.D

(32) Caprolactam

11.304min (+0.006) 9.83ng/ul

response 14494

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	143.68#
56.00	200.00	132.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM013118\
Data File : BM014034.D
Acq On : 31 Jan 2018 15:05
Operator : SJ/JU
Sample : SSTDICV020

Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 31 16:07:40 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 16:01:40 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SICV19

Manual Integrations APPROVED
Sohil
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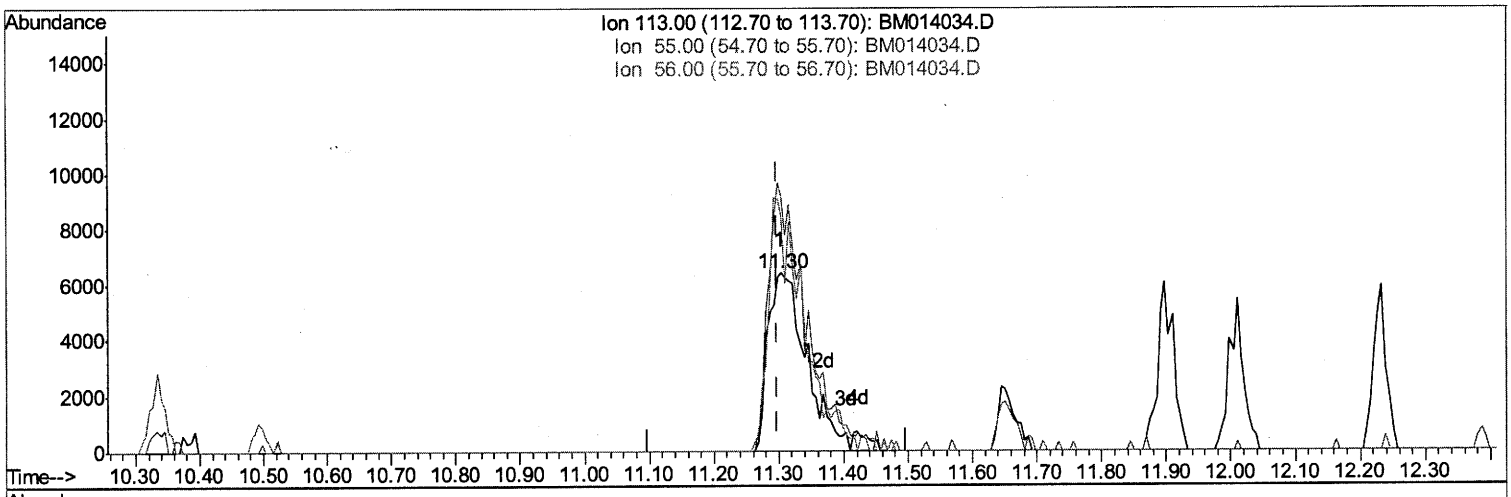

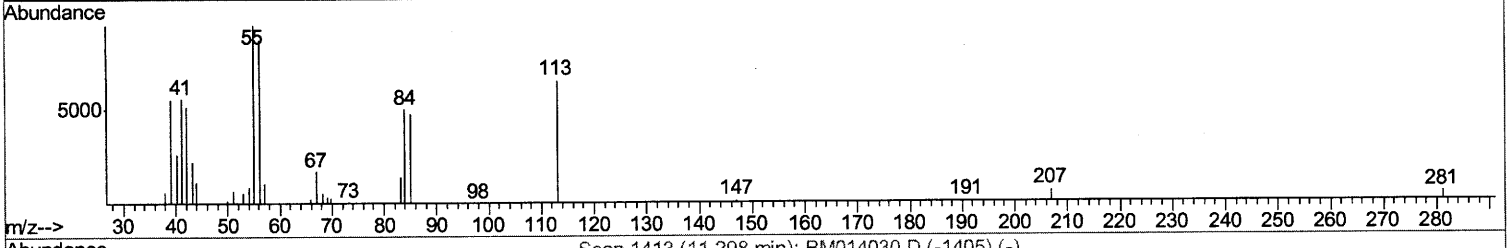

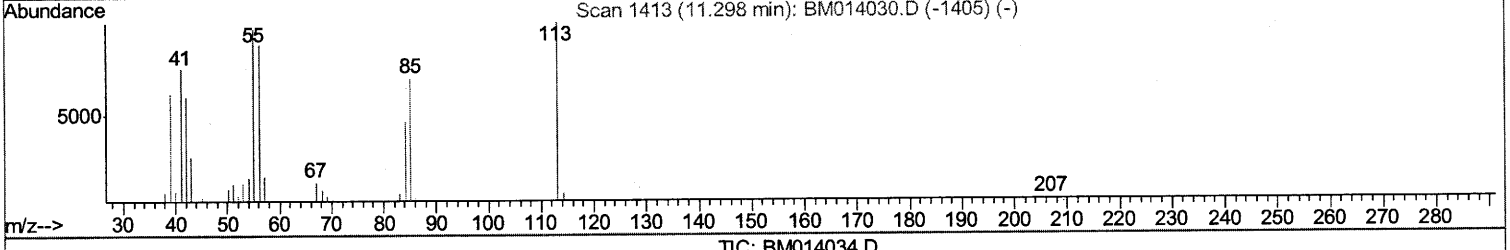

TIC: BM014034.D

(32) Caprolactam

11.304min (+0.006) 17.77ng/ul m > SJ 2/8/18

response 26212

Ion	Exp%	Act%
113.00	100	100
55.00	260.00	143.68#
56.00	200.00	132.04#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM013118\
Data File : BM014034.D
Acq On : 31 Jan 2018 15:05
Operator : SJ/JU
Sample : SSTDICV020

Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 31 16:15:58 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 16:01:40 2018
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SICV19

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:22 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	78979	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	344000	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	232841	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	588278	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	664833	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	627976	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	12659	7.36	ng/uL	0.00
5) Phenol-d5	6.75	99	109918	18.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	70675	19.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	95018	20.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	97029	19.52	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	46772	18.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	54694	19.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	110154	19.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	88386	17.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	370275	19.16	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	462348	19.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	48177	18.09	ng/ul	0.00
57) Fluorene-d10	15.22	176	341702	19.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	61785	17.10	ng/ul	0.00
70) Anthracene-d10	17.07	188	554830	19.42	ng/ul	0.00
76) Pyrene-d10	19.38	212	616232	19.25	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	583201	18.92	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	14677	7.765	ng/uL#	59
4) Benzaldehyde	6.73	77	54397m	19.105	ng/ul	
6) Phenol	6.77	94	113784	19.160	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.00	93	91079	19.727	ng/ul	97
10) 2-Chlorophenol	7.13	128	92654	19.534	ng/ul	96
11) 2-Methylphenol	8.02	108	89188	19.502	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.10	45	89702m	19.343	ng/ul	
14) Acetophenone	8.39	105	160167	19.088	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.37	70	86781	20.220	ng/ul#	71
16) 4-Methylphenol	8.35	108	98104	20.076	ng/ul	84
17) Hexachloroethane	8.62	117	49469	19.995	ng/ul	87
20) Nitrobenzene	8.76	77	132279	18.956	ng/ul	97
21) Isophorone	9.28	82	224532	19.113	ng/ul	95
23) 2-Nitrophenol	9.46	139	54851	19.413	ng/ul#	86
24) 2,4-Dimethylphenol	9.53	107	125624	19.717	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.77	93	125594	19.409	ng/ul	95
27) 2,4-Dichlorophenol	10.00	162	102350	19.052	ng/ul	97
28) Naphthalene	10.39	128	335683	19.383	ng/ul	97
30) 4-Chloroaniline	10.52	127	87747	17.473	ng/ul	95
31) Hexachlorobutadiene	10.66	225	93283	19.260	ng/ul	95
32) Caprolactam	11.30	113	26212m	17.771	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	106619	18.946	ng/ul	95
34) 2-Methylnaphthalene	12.01	142	246146	18.825	ng/ul	96

SJ 2/8/18

SJ 2/8/18

SJ 2/8/18

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_M\Data\BM013118\
Data File : BM014034.D
Acq On : 31 Jan 2018 15:05
Operator : SJ/JU
Sample : SSTDICV020

Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 31 16:15:58 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 31 16:01:40 2018
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SICV19

Manual Integrations APPROVED
Sohil
2/1/2018 6:04:22 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	166998	19.643 ng/ul	94
37) Hexachlorocyclopentadiene	12.35	237	76669	16.560 ng/ul	87
38) 2,4,6-Trichlorophenol	12.64	196	98391	19.897 ng/ul	92
39) 2,4,5-Trichlorophenol	12.73	196	98338	19.332 ng/ul	96
40) 1,1'-Biphenyl	13.04	154	345454	19.100 ng/ul	99
41) 2-Chloronaphthalene	13.08	162	288414	19.738 ng/ul	99
42) 2-Nitroaniline	13.31	65	83041	20.005 ng/ul#	85
44) Dimethylphthalate	13.69	163	374097	20.082 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	70933	19.605 ng/ul#	89
47) Acenaphthylene	13.93	152	436368	20.048 ng/ul	99
48) 3-Nitroaniline	14.15	138	45732	16.820 ng/ul	88
49) Acenaphthene	14.28	153	304620	19.961 ng/ul	98
50) 2,4-Dinitrophenol	14.38	184	30134	15.526 ng/ul	89
52) 4-Nitrophenol	14.47	109	60805	18.946 ng/ul#	60
53) Dibenzofuran	14.62	168	454247	19.547 ng/ul	94
54) 2,4-Dinitrotoluene	14.62	165	108814	19.876 ng/ul#	55
55) 2,3,4,6-Tetrachlorophenol	14.86	232	104886	20.454 ng/ul#	96
56) Diethylphthalate	15.06	149	380466	19.470 ng/ul	94
58) Fluorene	15.27	166	373636	19.280 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.27	204	211179	19.031 ng/ul	97
60) 4-Nitroaniline	15.32	138	50287	16.457 ng/ul#	64
63) 4,6-Dinitro-2-methylphenol	15.38	198	63985	17.479 ng/ul#	97
64) N-Nitrosodiphenylamine	15.49	169	328208	19.337 ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	137633	18.719 ng/ul	93
66) Hexachlorobenzene	16.27	284	151271	19.336 ng/ul#	92
67) Atrazine	16.45	200	125644	18.430 ng/ul	97
68) Pentachlorophenol	16.63	266	62834	16.312 ng/ul	97
69) Phenanthrene	17.02	178	628805	19.011 ng/ul	99
71) Anthracene	17.11	178	634239	18.926 ng/ul	97
72) Carbazole	17.39	167	507023	18.551 ng/ul	98
73) Di-n-butylphthalate	17.95	149	650937	18.985 ng/ul	99
74) Fluoranthene	19.04	202	770748	18.729 ng/ul	98
77) Pyrene	19.41	202	789543	19.902 ng/ul#	97
78) Butylbenzylphthalate	20.32	149	297779	19.041 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.11	252	196920	19.007 ng/ul	93
80) Benzo(a)anthracene	21.16	228	798089	19.271 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.10	149	436067	19.124 ng/ul	97
82) Chrysene	21.22	228	742548	19.075 ng/ul	99
84) Di-n-octyl phthalate	21.97	149	708473	17.723 ng/ul	99
85) Benzo(b)fluoranthene	22.71	252	774041	19.533 ng/ul#	97
86) Benzo(k)fluoranthene	22.76	252	756304	19.414 ng/ul#	99
88) Benzo(a)pyrene	23.27	252	708514	18.972 ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.54	276	799860	19.545 ng/ul	98
90) Dibenzo(a,h)anthracene	25.55	278	671651	19.355 ng/ul	99
91) Benzo(g,h,i)perylene	26.20	276	650393	19.224 ng/ul	96

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