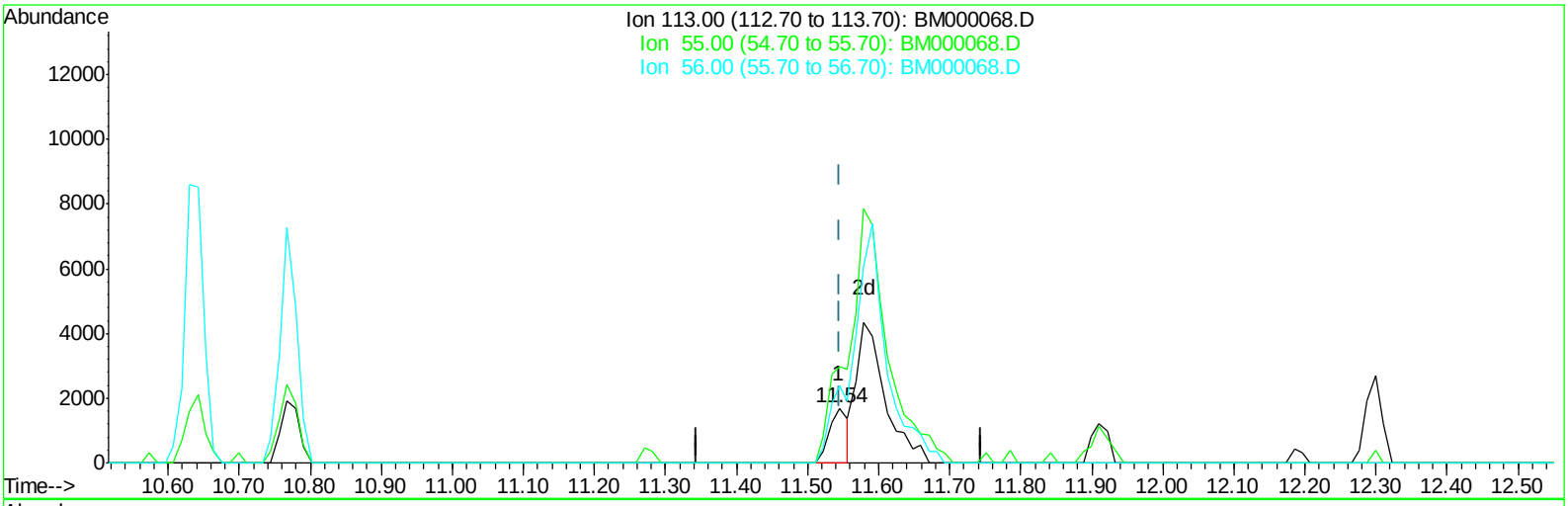
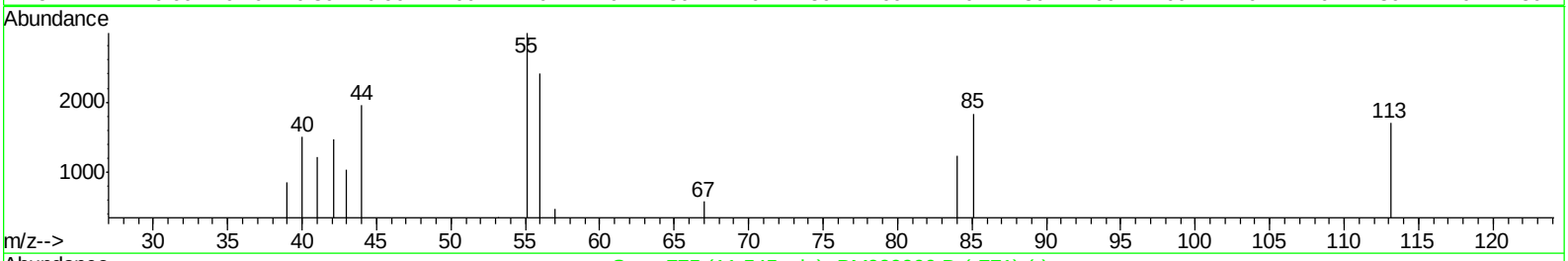
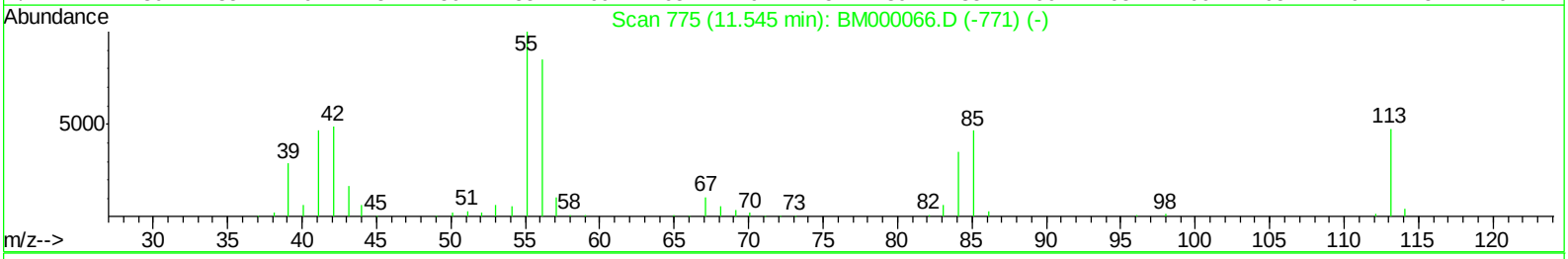
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000068.D
Acq On : 29 Dec 2014 20:19
Operator : TP
Sample : MDL-01-S
Misc : MDL--SOIL-4PPM
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 31 03:03:39 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 02:57:11 2014
Response via : Initial Calibration







TIC: BM000068.D

(32) Caprolactam

11.545min (-0.000) 0.60ng/ul

response 3196

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	176.34
56.00	157.90	141.77
0.00	0.00	0.00

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Misc : MDL--SOIL-4PPM
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 31 03:03:39 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 02:57:11 2014
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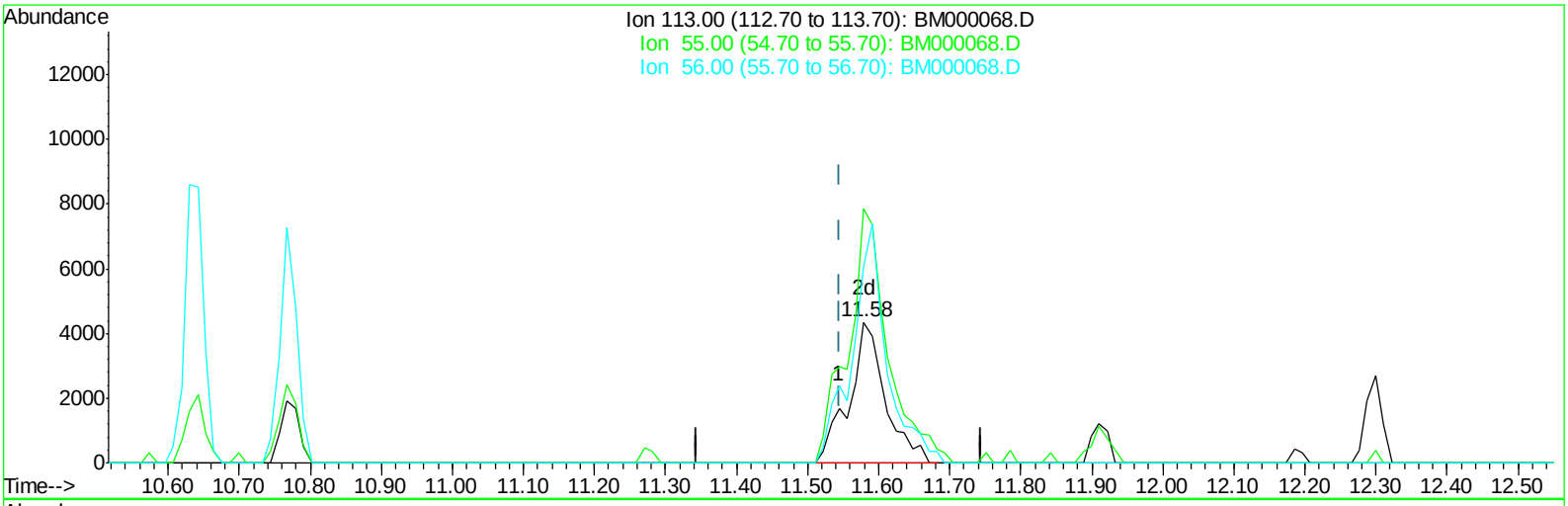

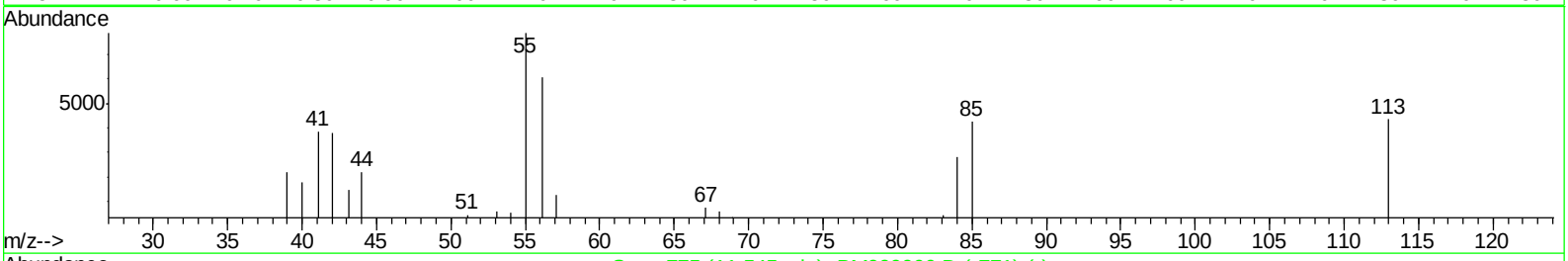

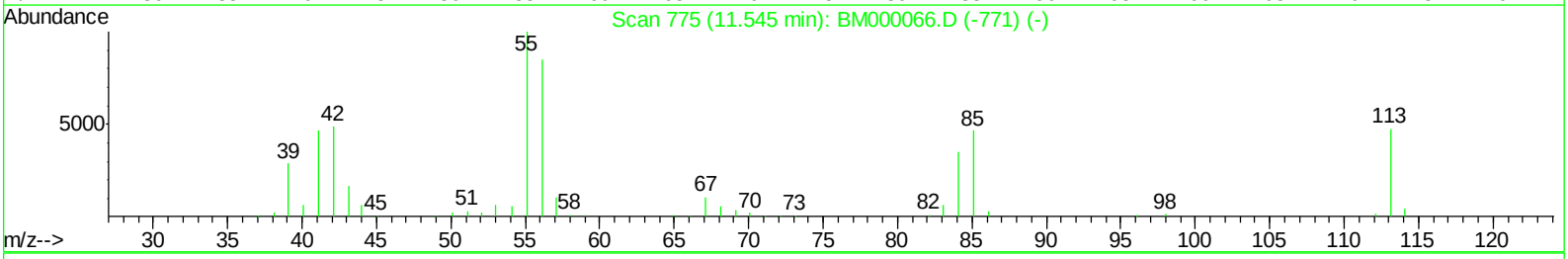

TIC: BM000068.D

(32) Caprolactam

11.579min (+0.034) 2.90ng/ul m

response 15444

Ion	Exp%	Act%
113.00	100	100
55.00	195.70	180.68
56.00	157.90	139.51
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM122914\
Data File : BM000068.D
Acq On : 29 Dec 2014 20:19
Operator : TP
Sample : MDL-01-S
Misc : MDL--SOIL-4PPM
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 31 06:05:02 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 02:57:11 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	233263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1027446	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	736080	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1498566	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1491113	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1164122	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	33879	8.42	ng/uL	0.00
5) Phenol-d5	7.01	99	685743	33.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	441666	35.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	507784	35.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	555546	34.80	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	262124	36.89	ng/ul	0.01
22) 2-Nitrophenol-d4	9.72	143	280227	38.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	538300	33.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	740861	40.76	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1952724	35.97	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2264903	34.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	283978	32.38	ng/ul	0.00
57) Fluorene-d10	15.48	176	1628737	34.94	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.58	200	203250	27.35	ng/ul	0.00
70) Anthracene-d10	17.32	188	2484457	35.85	ng/ul	0.00
76) Pyrene-d10	19.61	212	2666329	38.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1998090	38.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	18081	3.24	ng/uL#	94
4) Benzaldehyde	6.98	77	47266	3.76	ng/ul	95
6) Phenol	7.03	94	64640	3.07	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.27	93	54645	3.40	ng/ul	98
10) 2-Chlorophenol	7.41	128	47614	3.16	ng/ul	93
11) 2-Methylphenol	8.28	108	48675	3.00	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.38	45	88229	3.41	ng/ul	97
14) Acetophenone	8.66	105	87338	3.21	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.65	70	45791	3.21	ng/ul	96
16) 4-Methylphenol	8.61	108	55366	3.15	ng/ul	98
17) Hexachloroethane	8.93	117	21257	3.09	ng/ul	93
20) Nitrobenzene	9.04	77	71606	3.38	ng/ul	97
21) Isophorone	9.57	82	125833	3.08	ng/ul	98
23) 2-Nitrophenol	9.75	139	27782	3.47	ng/ul	95
24) 2,4-Dimethylphenol	9.81	107	68915	3.17	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.05	93	73631	3.24	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	50025	3.13	ng/ul#	76
28) Naphthalene	10.69	128	167281	3.19	ng/ul	99
30) 4-Chloroaniline	10.79	127	59744	3.18	ng/ul	98
31) Hexachlorobutadiene	10.97	225	36480	3.22	ng/ul	94
32) Caprolactam	11.58	113	15444m	2.90	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	58139	2.96	ng/ul	98
34) 2-Methylnaphthalene	12.30	142	123866	3.19	ng/ul	99

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 02:57:11 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	66652	3.27 ng/ul#	97
37) Hexachlorocyclopentadiene	12.65	237	34216	2.54 ng/ul	98
38) 2,4,6-Trichlorophenol	12.90	196	38286	2.94 ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	40282	2.85 ng/ul	98
40) 1,1'-Biphenyl	13.32	154	167850	3.16 ng/ul	99
41) 2-Chloronaphthalene	13.35	162	128895	3.17 ng/ul	98
42) 2-Nitroaniline	13.56	65	37790	2.87 ng/ul	93
44) Dimethylphthalate	13.93	163	176427	3.26 ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	28426	2.94 ng/ul#	90
47) Acenaphthylene	14.20	152	217762	3.18 ng/ul	99
48) 3-Nitroaniline	14.38	138	29048	2.93 ng/ul#	98
49) Acenaphthene	14.54	153	138897	3.18 ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	8205	1.67 ng/ul	87
52) 4-Nitrophenol	14.68	109	36449	3.13 ng/ul	94
53) Dibenzofuran	14.88	168	204793	3.24 ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	43887	3.04 ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	15.10	232	37166	3.05 ng/ul	94
56) Diethylphthalate	15.31	149	182442	3.21 ng/ul	99
58) Fluorene	15.52	166	169013	3.22 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	86090	3.32 ng/ul	93
60) 4-Nitroaniline	15.53	138	33763	3.02 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.59	198	21246	2.79 ng/ul#	37
64) N-Nitrosodiphenylamine	15.73	169	145008	3.34 ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	51191	3.35 ng/ul#	90
66) Hexachlorobenzene	16.53	284	59817	3.40 ng/ul	94
67) Atrazine	16.68	200	53885	3.14 ng/ul	99
68) Pentachlorophenol	16.87	266	24360	2.27 ng/ul	96
69) Phenanthrene	17.26	178	276807	3.41 ng/ul	99
71) Anthracene	17.35	178	278684	3.34 ng/ul	99
72) Carbazole	17.63	167	244914	3.26 ng/ul	99
73) Di-n-butylphthalate	18.19	149	291803	3.26 ng/ul	99
74) Fluoranthene	19.28	202	314702	3.38 ng/ul	97
77) Pyrene	19.64	202	337510	3.76 ng/ul#	94
78) Butylbenzylphthalate	20.54	149	110585	3.03 ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.33	252	69474	2.55 ng/ul#	95
80) Benzo(a)anthracene	21.39	228	298671	3.47 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	159810	3.01 ng/ul	98
82) Chrysene	21.44	228	263877	3.33 ng/ul	99
84) Di-n-octyl phthalate	22.22	149	232256	2.90 ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	241798	3.25 ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	216592	3.41 ng/ul	98
88) Benzo(a)pyrene	23.60	252	213768	3.28 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.04	276	211783	3.11 ng/ul	98
90) Dibenzo(a,h)anthracene	26.05	278	177977	3.10 ng/ul	98
91) Benzo(g,h,i)perylene	26.75	276	172300	3.08 ng/ul	98

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

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