Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002510.D
Acq On : 20 Aug 2015 02:46
Operator : UM/IZ
Sample : MDL-01-S-ML
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 20 05:33:39 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 05:32:43 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Manual Integrations APPROVED
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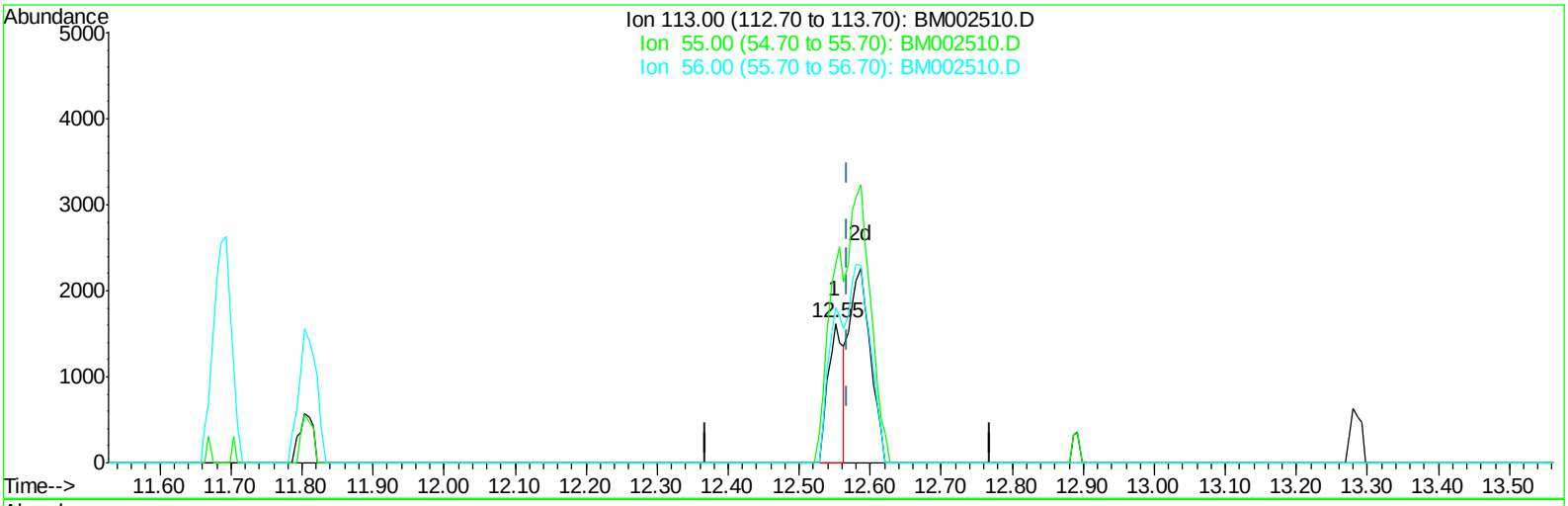

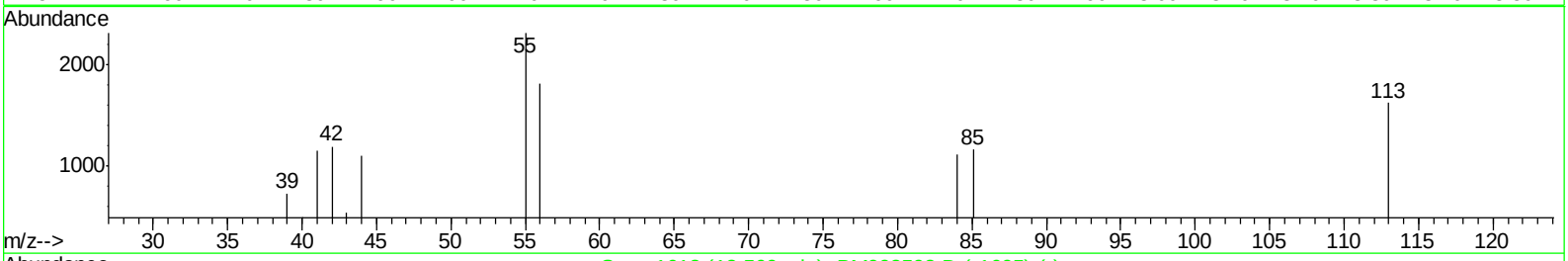

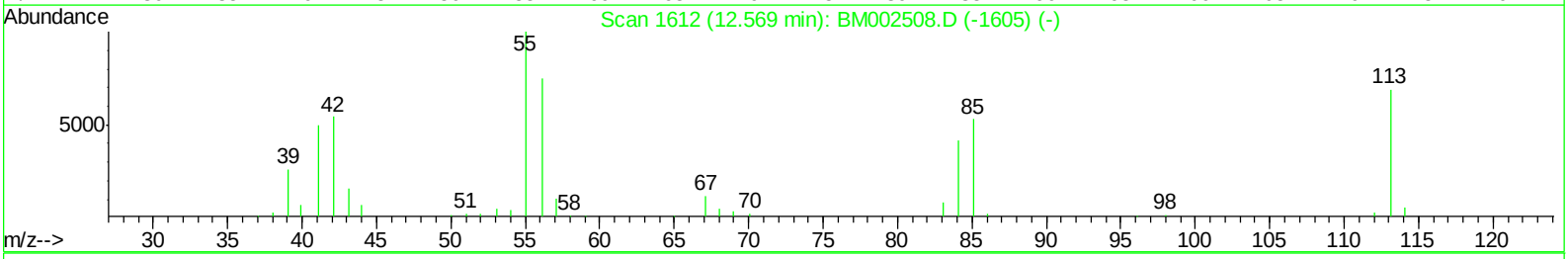

TIC: BM002510.D

(32) Caprolactam

12.551min (-0.018) 0.79ng/ul

response 2476

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	142.60#
56.00	139.20	111.65
0.00	0.00	0.00

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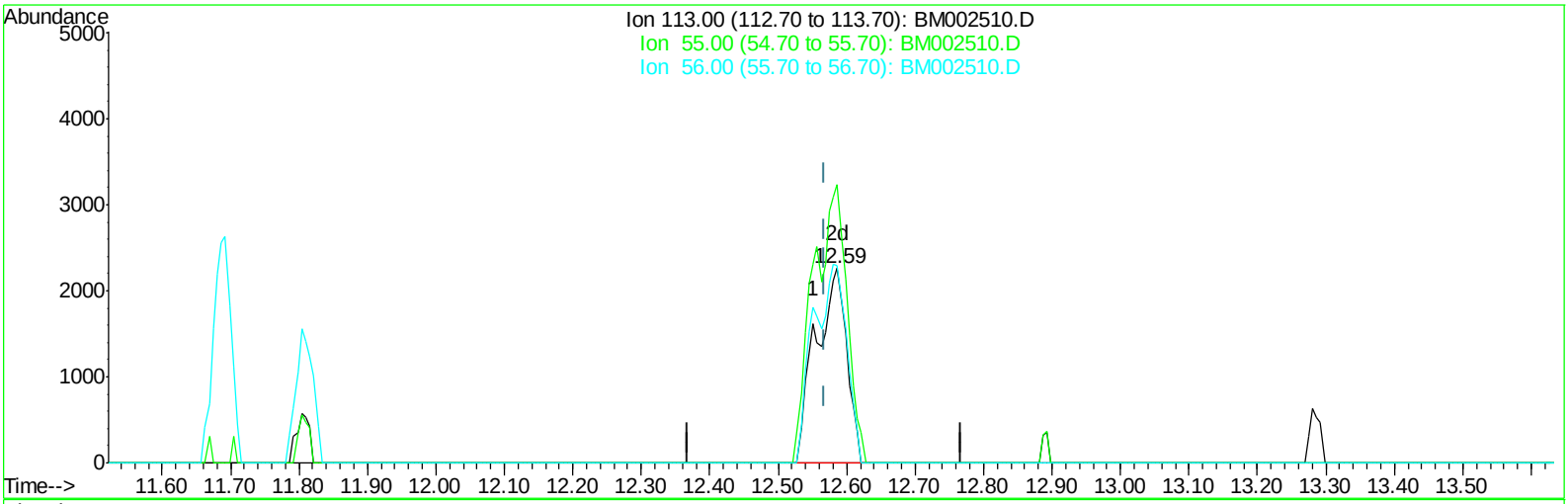

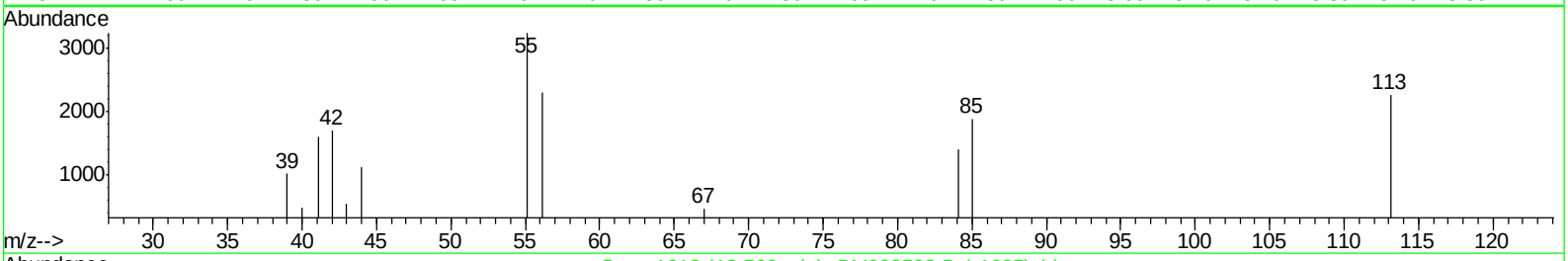

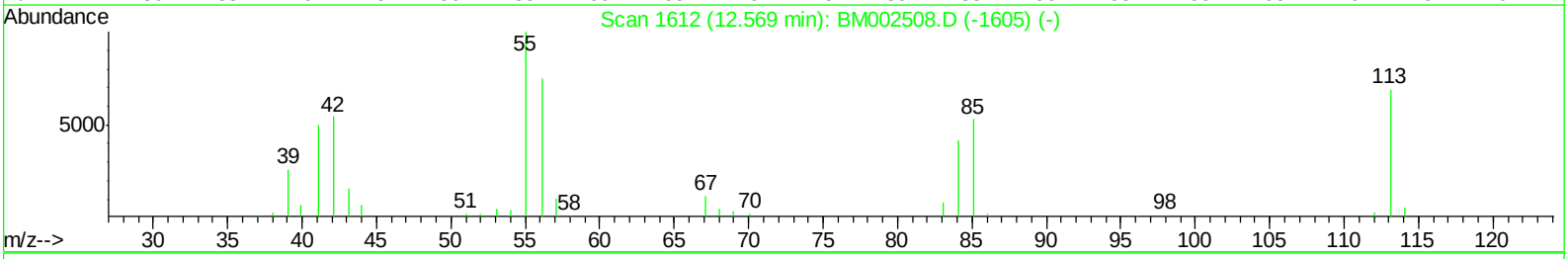

TIC: BM002510.D

(32) Caprolactam

12.586min (+0.018) 2.26ng/ul m

response 7069

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	143.02#
56.00	139.20	101.59#
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 05:32:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	111607	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	542524	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.40	164	312457	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	692867	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	759153	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	772400	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	12241	5.07	ng/uL	0.00
5) Phenol-d5	7.93	99	254741	25.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	147312	24.71	ng/ul	0.00
9) 2-Chlorophenol-d4	8.33	132	230123	27.58	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	229797	26.57	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	121064	29.76	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	131147	36.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	215882	27.35	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	347616	33.19	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	754976	29.35	ng/ul	0.00
47) Acenaphthylene-d8	15.11	160	926481	28.62	ng/ul	0.00
52) 4-Nitrophenol-d4	15.56	143	140993	30.37	ng/ul	0.00
58) Fluorene-d10	16.38	176	635590	28.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	103560	38.03	ng/ul	0.00
71) Anthracene-d10	18.22	188	990586	29.46	ng/ul	0.00
79) Pyrene-d10	20.43	212	1056769	28.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	1233552	30.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	1046	0.38	ng/uL#	65
4) Benzaldehyde	7.93	77	14194	2.38	ng/ul	92
6) Phenol	7.96	94	21410	2.07	ng/ul	95
8) Bis(2-Chloroethyl)ether	8.20	93	18153	2.28	ng/ul	89
10) 2-Chlorophenol	8.37	128	18730	2.20	ng/ul	92
11) 2-Methylphenol	9.25	108	16778	2.05	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	9.35	45	24848	1.75	ng/ul#	95
14) Acetophenone	9.66	105	29431	2.28	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.62	70	14258	2.06	ng/ul#	95
16) 4-Methylphenol	9.58	108	19298	2.15	ng/ul	95
17) Hexachloroethane	9.93	117	6686	1.99	ng/ul	89
20) Nitrobenzene	10.06	77	20290	2.15	ng/ul	93
21) Isophorone	10.57	82	41002	2.18	ng/ul	96
23) 2-Nitrophenol	10.78	139	11573	2.83	ng/ul	88
24) 2,4-Dimethylphenol	10.80	107	20700	2.06	ng/ul	98
25) Bis(2-Chloroethoxy)methane	11.05	93	24949	2.14	ng/ul	99
27) 2,4-Dichlorophenol	11.32	162	17633	2.33	ng/ul	93
28) Naphthalene	11.74	128	65877	2.31	ng/ul	98
30) 4-Chloroaniline	11.83	127	29715	2.86	ng/ul	97
31) Hexachlorobutadiene	11.99	225	9760	2.23	ng/ul	99
32) Caprolactam	12.59	113	7069m	2.26	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	20092	2.11	ng/ul	94
34) 2-Methylnaphthalene	13.29	142	47337	2.32	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	21283	2.37 ng/ul#	95
38) Hexachlorocyclopentadiene	13.60	237	4055	0.76 ng/ul	95
39) 2,4,6-Trichlorophenol	13.86	196	13290	2.38 ng/ul	97
40) 2,4,5-Trichlorophenol	13.94	196	13946	2.22 ng/ul	97
41) 1,1'-Biphenyl	14.25	154	62060	2.35 ng/ul#	97
42) 2-Chloronaphthalene	14.31	162	46541	2.32 ng/ul	100
43) 2-Nitroaniline	14.50	65	12142	1.99 ng/ul#	80
45) Dimethylphthalate	14.83	163	63844	2.43 ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	12047	2.45 ng/ul	92
48) Acenaphthylene	15.14	152	80894	2.41 ng/ul	99
49) 3-Nitroaniline	15.30	138	14472	2.72 ng/ul	86
50) Acenaphthene	15.47	153	53948	2.39 ng/ul	97
51) 2,4-Dinitrophenol	15.51	184	2411	1.42 ng/ul#	1
53) 4-Nitrophenol	15.58	109	7328	2.15 ng/ul	89
54) Dibenzofuran	15.79	168	73247	2.43 ng/ul	98
55) 2,4-Dinitrotoluene	15.74	165	18089	2.59 ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	16.01	232	10144	2.13 ng/ul#	96
57) Diethylphthalate	16.16	149	66310	2.36 ng/ul	98
59) Fluorene	16.43	166	62179	2.44 ng/ul	99
60) 4-Chlorophenyl-phenylether	16.40	204	28323	2.43 ng/ul	95
61) 4-Nitroaniline	16.44	138	15990	2.60 ng/ul#	86
64) 4,6-Dinitro-2-methylphenol	16.50	198	8810	2.88 ng/ul#	86
65) N-Nitrosodiphenylamine	16.62	169	54013	2.38 ng/ul	98
66) 4-Bromophenyl-phenylether	17.29	248	16534	2.28 ng/ul	99
67) Hexachlorobenzene	17.42	284	19847	2.41 ng/ul	97
68) Atrazine	17.52	200	19149	2.42 ng/ul	99
69) Pentachlorophenol	17.76	266	3593	0.89 ng/ul	97
70) Phenanthrene	18.16	178	99935	2.51 ng/ul	99
72) Anthracene	18.25	178	101505	2.46 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	20204	2.14 ng/uL	99
74) Pentachlorobenzene	15.72	250	21175	2.32 ng/uL	95
75) Carbazole	18.50	167	93235	2.50 ng/ul	99
76) Di-n-butylphthalate	18.99	149	115494	2.31 ng/ul	99
77) Fluoranthene	20.10	202	112479	2.67 ng/ul	99
80) Pyrene	20.46	202	120908	2.46 ng/ul	97
81) Butylbenzylphthalate	21.27	149	55293	2.28 ng/ul	91
82) 3,3'-Dichlorobenzidine	22.09	252	43982	3.02 ng/ul	98
83) Benzo(a)anthracene	22.18	228	116050	2.50 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	82706	2.36 ng/ul	98
85) Chrysene	22.24	228	109708	2.50 ng/ul	99
87) Di-n-octyl phthalate	23.02	149	139818	2.37 ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	116892	2.43 ng/ul	99
89) Benzo(k)fluoranthene	24.08	252	115783	2.51 ng/ul	100
91) Benzo(a)pyrene	24.73	252	115314	2.51 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.63	276	132583	2.52 ng/ul	99
93) Dibenzo(a,h)anthracene	27.64	278	110358	2.47 ng/ul	100
94) Benzo(g,h,i)perylene	28.51	276	109835	2.47 ng/ul	97

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

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