Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002516.D
Acq On : 20 Aug 2015 06:24
Operator : UM/IZ
Sample : MDL-07-S-ML
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 20 06:58:22 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-07-S-ML

Manual Integrations APPROVED
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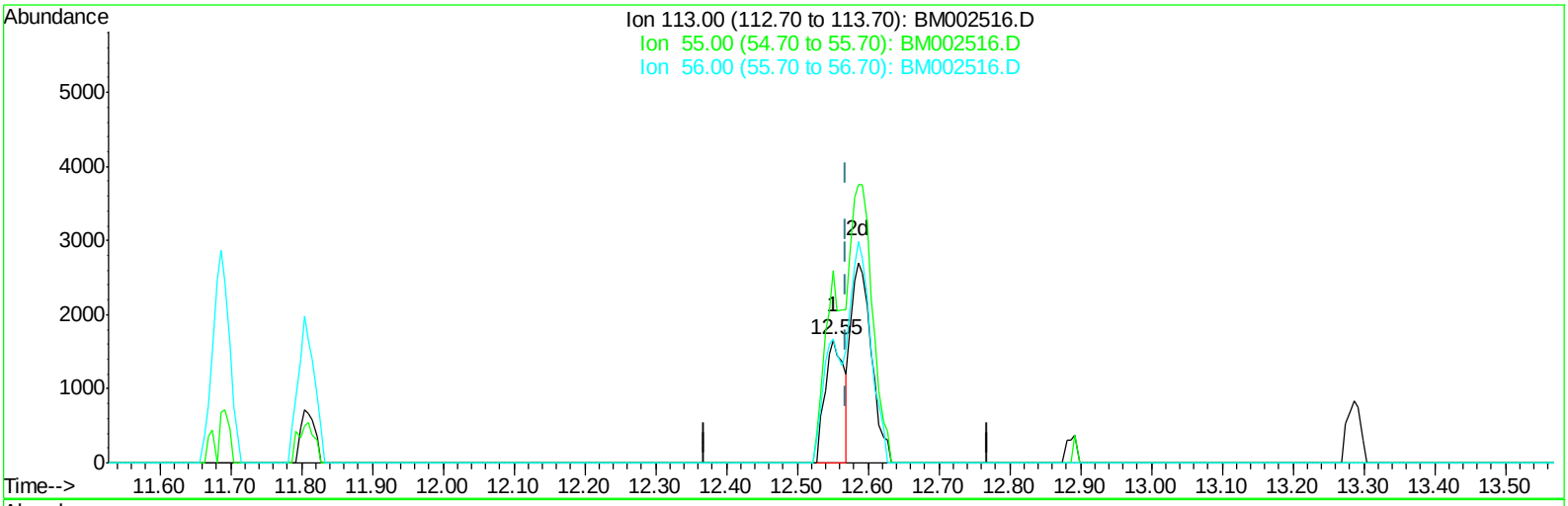
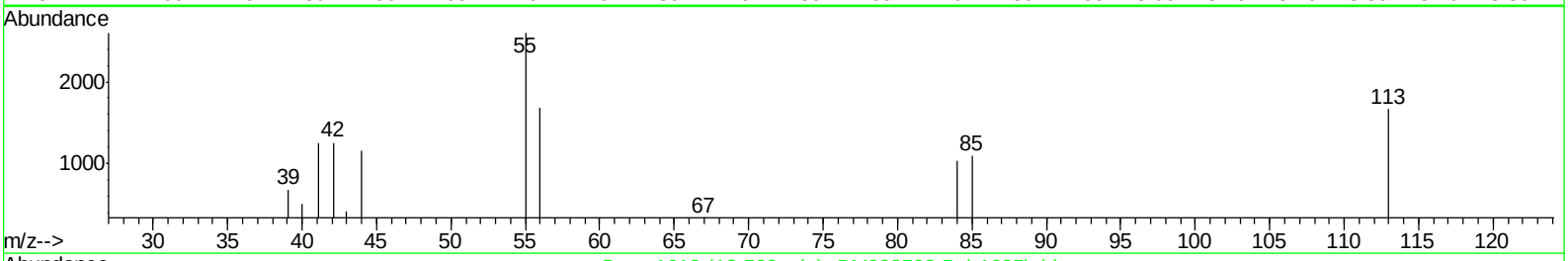
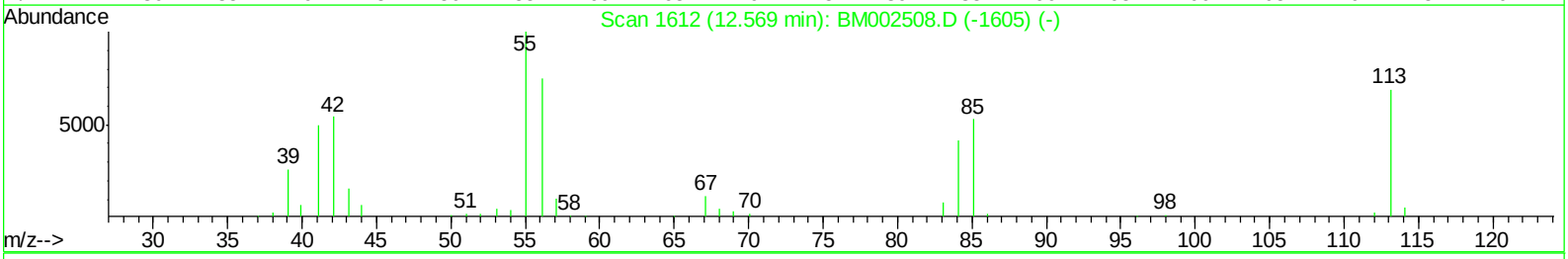
8/20/2015 3:38:00 PM







TIC: BM002516.D

(32) Caprolactam

12.551min (-0.018) 1.00ng/ul

response 3085

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	156.10
56.00	139.20	101.08#
0.00	0.00	0.00

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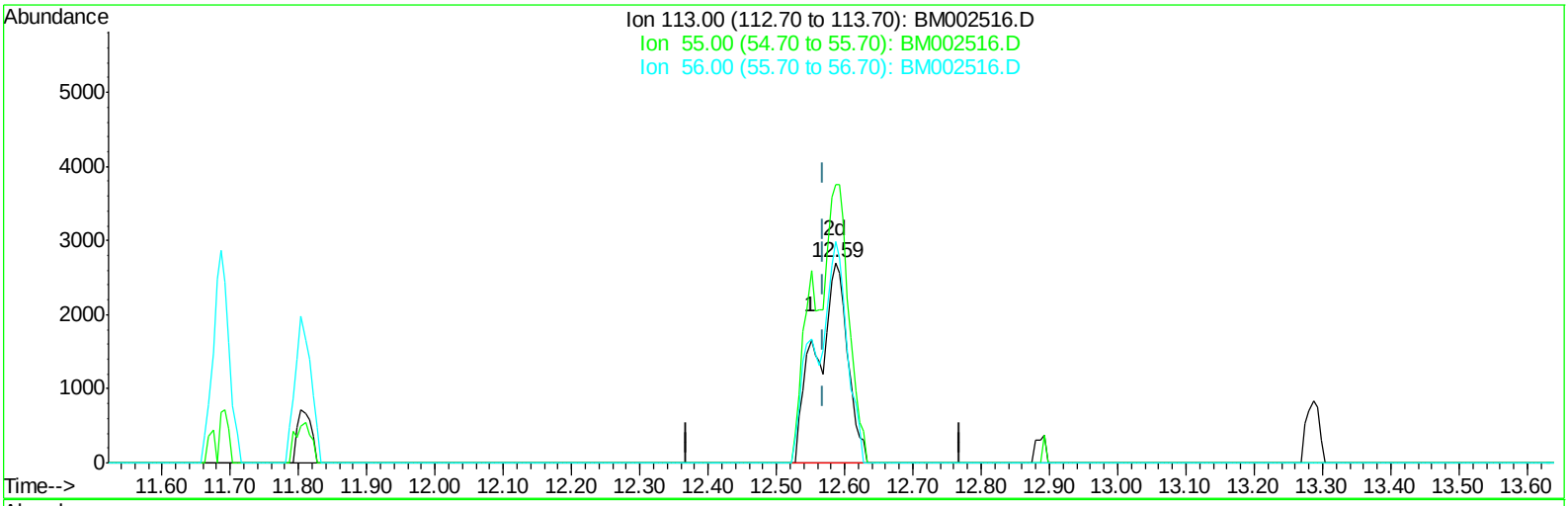

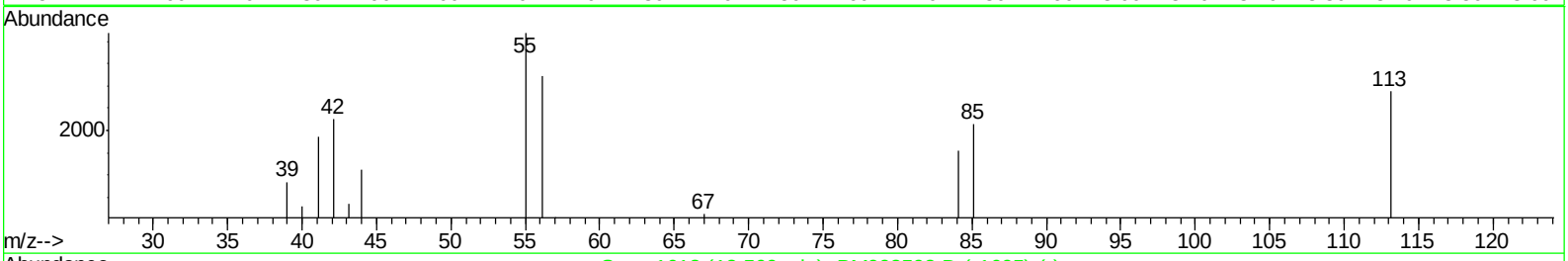

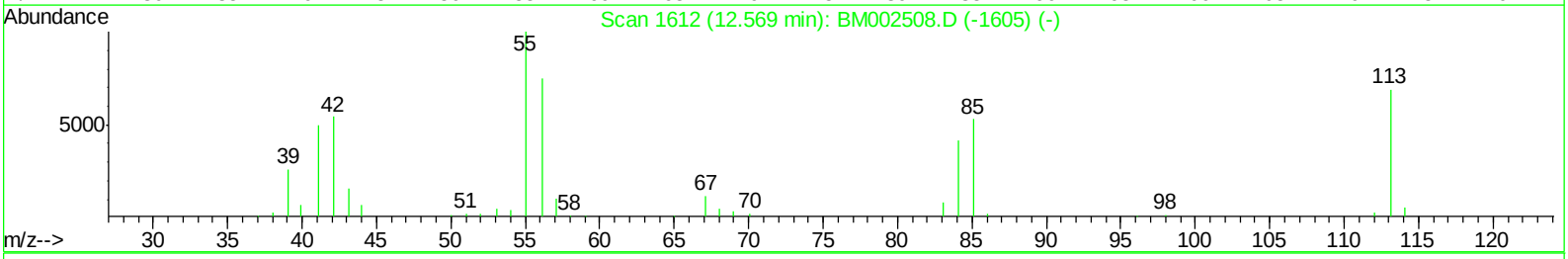

TIC: BM002516.D

(32) Caprolactam

12.586min (+0.018) 2.76ng/ul m

response 8500

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	139.18#
56.00	139.20	110.56#
0.00	0.00	0.00

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Quant Time: Aug 20 07:00:07 2015
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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	111499	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	533820	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.40	164	304733	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	676623	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	756456	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	784617	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	14451	5.99	ng/uL	0.00
5) Phenol-d5	7.93	99	318424	31.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	182260	30.60	ng/ul	0.00
9) 2-Chlorophenol-d4	8.33	132	285385	34.24	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	285824	33.08	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	149765	37.42	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	161389	45.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	267769	34.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	418258	40.59	ng/ul	0.00
44) Dimethylphthalate-d6	14.78	166	897047	35.76	ng/ul	0.00
47) Acenaphthylene-d8	15.11	160	1120192	35.48	ng/ul	0.00
52) 4-Nitrophenol-d4	15.56	143	170045	37.56	ng/ul	0.00
58) Fluorene-d10	16.38	176	757146	34.49	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	127531	47.96	ng/ul	0.00
71) Anthracene-d10	18.22	188	1172133	35.70	ng/ul	0.00
79) Pyrene-d10	20.43	212	1256698	34.25	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.68	264	1519326	36.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1365	0.50	ng/uL#	30
4) Benzaldehyde	7.93	77	17507	2.94	ng/ul	94
6) Phenol	7.96	94	27176	2.63	ng/ul	93
8) Bis(2-Chloroethyl)ether	8.20	93	22458	2.82	ng/ul	92
10) 2-Chlorophenol	8.37	128	23393	2.75	ng/ul#	89
11) 2-Methylphenol	9.25	108	21109	2.58	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.35	45	30779	2.17	ng/ul#	96
14) Acetophenone	9.66	105	37285	2.90	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.62	70	17587	2.54	ng/ul#	94
16) 4-Methylphenol	9.58	108	23605	2.64	ng/ul	95
17) Hexachloroethane	9.93	117	8275	2.47	ng/ul	88
20) Nitrobenzene	10.06	77	24900	2.68	ng/ul#	87
21) Isophorone	10.57	82	49389	2.67	ng/ul	95
23) 2-Nitrophenol	10.78	139	14762	3.67	ng/ul#	84
24) 2,4-Dimethylphenol	10.81	107	25581	2.59	ng/ul	97
25) Bis(2-Chloroethoxy)methane	11.05	93	30808	2.69	ng/ul	97
27) 2,4-Dichlorophenol	11.32	162	21918	2.94	ng/ul#	85
28) Naphthalene	11.74	128	81833	2.91	ng/ul	99
30) 4-Chloroaniline	11.83	127	35863	3.50	ng/ul	97
31) Hexachlorobutadiene	11.99	225	12317	2.86	ng/ul	94
32) Caprolactam	12.59	113	8500m	2.76	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	24670	2.64	ng/ul	97
34) 2-Methylnaphthalene	13.29	142	59181	2.95	ng/ul	96

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QLast Update : Thu Aug 20 05:32:43 2015
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Instrument : BNA_M
ClientSampleId : MDL-07-S-ML

Manual Integrations APPROVED
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8/20/2015 3:38:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.63	216	25925	2.96	ng/ul	97
38) Hexachlorocyclopentadiene	13.60	237	5206	1.01	ng/ul	95
39) 2,4,6-Trichlorophenol	13.86	196	16088	2.95	ng/ul	98
40) 2,4,5-Trichlorophenol	13.93	196	17703	2.89	ng/ul	96
41) 1,1'-Biphenyl	14.25	154	74962	2.91	ng/ul	98
42) 2-Chloronaphthalene	14.31	162	57131	2.92	ng/ul	99
43) 2-Nitroaniline	14.49	65	15343	2.58	ng/ul	87
45) Dimethylphthalate	14.83	163	76253	2.98	ng/ul	98
46) 2,6-Dinitrotoluene	14.97	165	14362	3.00	ng/ul	89
48) Acenaphthylene	15.14	152	98613	3.01	ng/ul	99
49) 3-Nitroaniline	15.30	138	17580	3.39	ng/ul#	86
50) Acenaphthene	15.47	153	64730	2.94	ng/ul	99
51) 2,4-Dinitrophenol	15.52	184	3228	1.95	ng/ul#	1
53) 4-Nitrophenol	15.58	109	9033	2.72	ng/ul	93
54) Dibenzofuran	15.79	168	89364	3.04	ng/ul	97
55) 2,4-Dinitrotoluene	15.74	165	22041	3.24	ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	16.01	232	12922	2.78	ng/ul#	94
57) Diethylphthalate	16.16	149	77386	2.83	ng/ul	99
59) Fluorene	16.43	166	75295	3.03	ng/ul	97
60) 4-Chlorophenyl-phenylether	16.40	204	33822	2.97	ng/ul	95
61) 4-Nitroaniline	16.44	138	19061	3.18	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	16.50	198	10500	3.52	ng/ul#	90
65) N-Nitrosodiphenylamine	16.62	169	64422	2.90	ng/ul	97
66) 4-Bromophenyl-phenylether	17.29	248	20219	2.86	ng/ul	97
67) Hexachlorobenzene	17.42	284	23468	2.91	ng/ul	97
68) Atrazine	17.52	200	22141	2.87	ng/ul	99
69) Pentachlorophenol	17.76	266	4799	1.21	ng/ul	95
70) Phenanthrene	18.16	178	120356	3.09	ng/ul	100
72) Anthracene	18.24	178	121901	3.03	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	24549	2.67	ng/uL	97
74) Pentachlorobenzene	15.71	250	24801	2.79	ng/uL	96
75) Carbazole	18.50	167	112391	3.09	ng/ul	98
76) Di-n-butylphthalate	18.99	149	137195	2.81	ng/ul	100
77) Fluoranthene	20.10	202	136233	3.31	ng/ul	100
80) Pyrene	20.46	202	146051	2.99	ng/ul	95
81) Butylbenzylphthalate	21.27	149	64877	2.69	ng/ul	91
82) 3,3'-Dichlorobenzidine	22.08	252	52684	3.63	ng/ul	98
83) Benzo(a)anthracene	22.17	228	141524	3.06	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	98688	2.82	ng/ul	98
85) Chrysene	22.23	228	133349	3.05	ng/ul	99
87) Di-n-octyl phthalate	23.01	149	170612	2.85	ng/ul	100
88) Benzo(b)fluoranthene	24.02	252	143044	2.93	ng/ul	99
89) Benzo(k)fluoranthene	24.07	252	141928	3.03	ng/ul	99
91) Benzo(a)pyrene	24.73	252	144683	3.10	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.63	276	166587	3.11	ng/ul	99
93) Dibenzo(a,h)anthracene	27.63	278	138617	3.06	ng/ul	98
94) Benzo(g,h,i)perylene	28.50	276	138699	3.07	ng/ul	99

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

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