Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002514.D
Acq On : 20 Aug 2015 05:11
Operator : UM/IZ
Sample : MDL-05-S-ML
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 20 05:52:07 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-05-S-ML

Manual Integrations APPROVED
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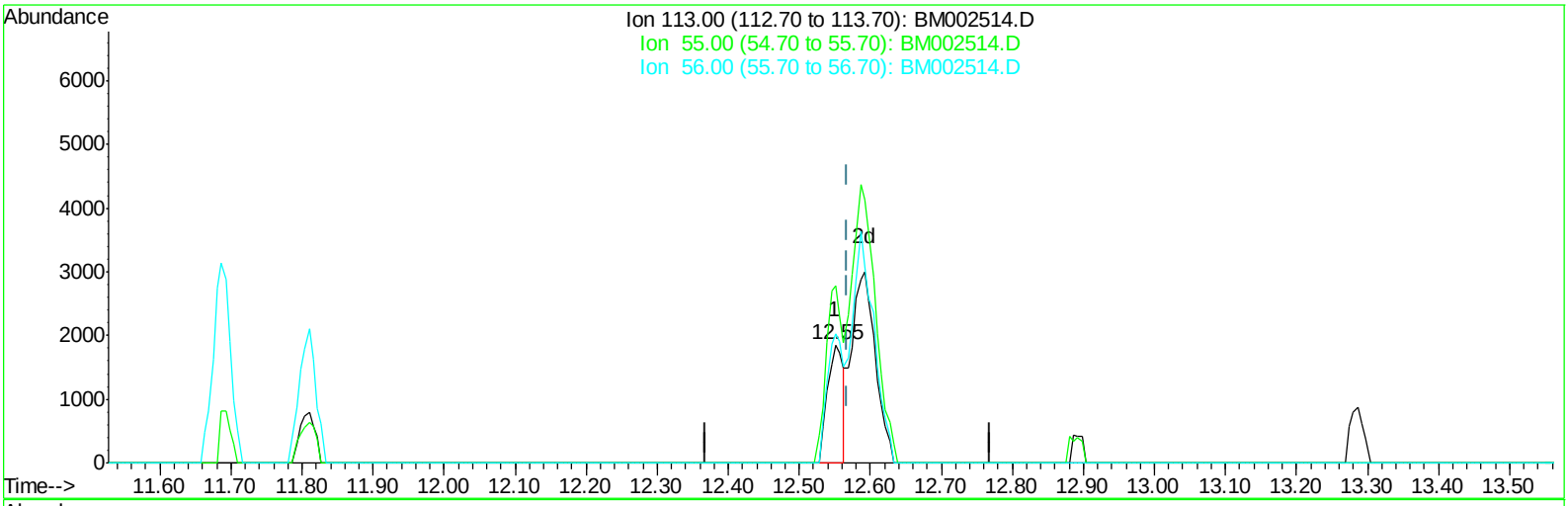
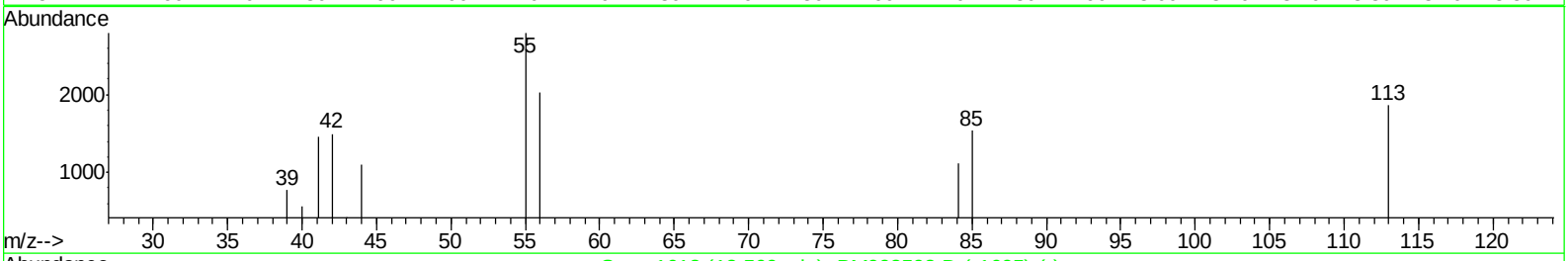
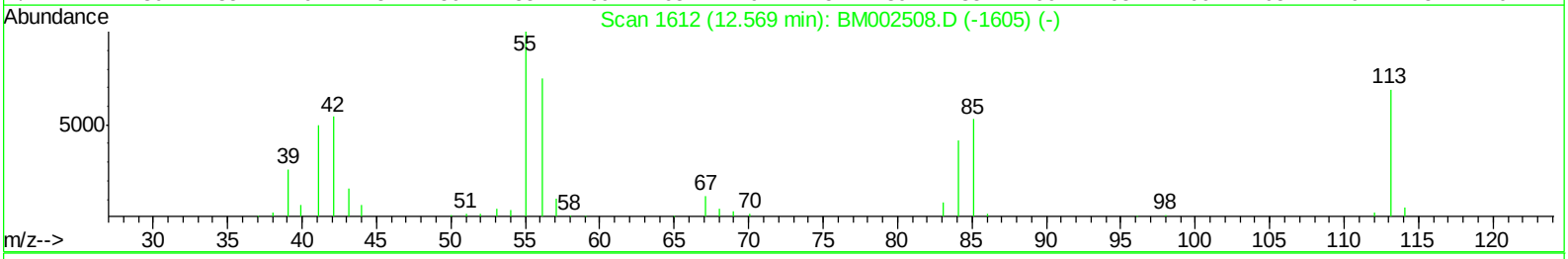
8/20/2015 3:37:39 PM







TIC: BM002514.D

(32) Caprolactam

12.551min (-0.018) 0.89ng/ul

response 2947

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	150.16#
56.00	139.20	108.94#
0.00	0.00	0.00

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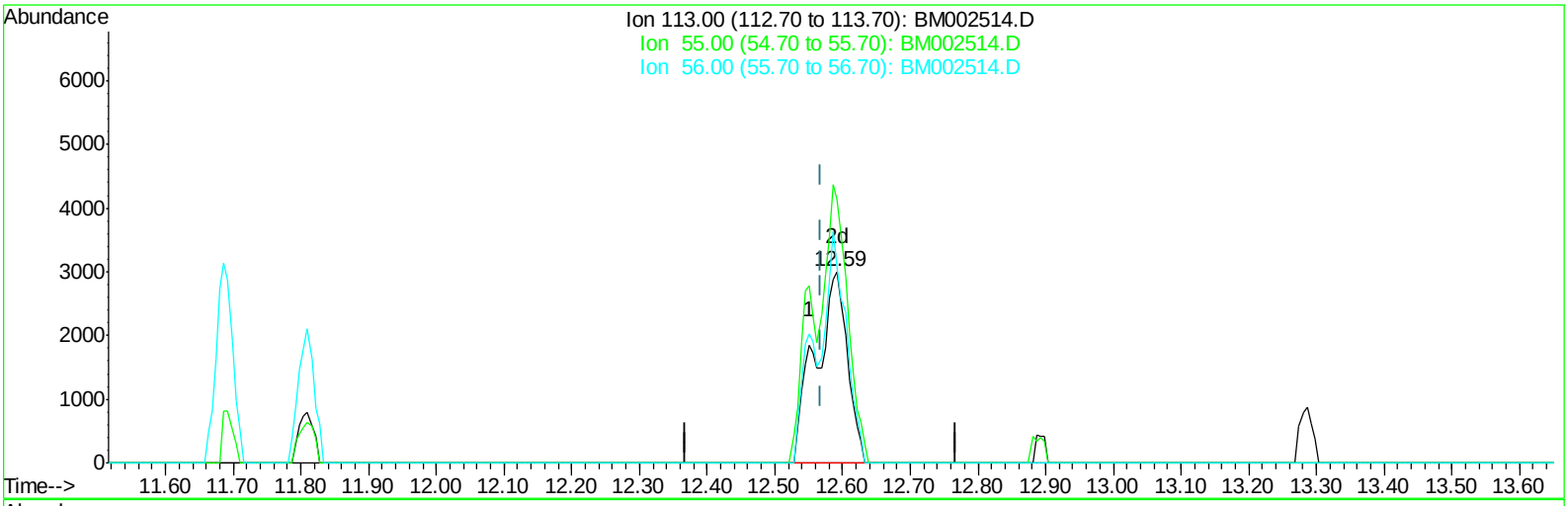

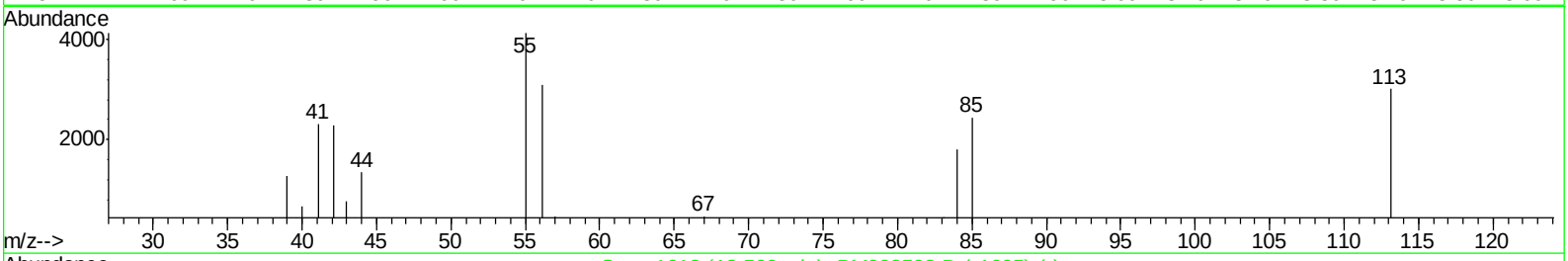

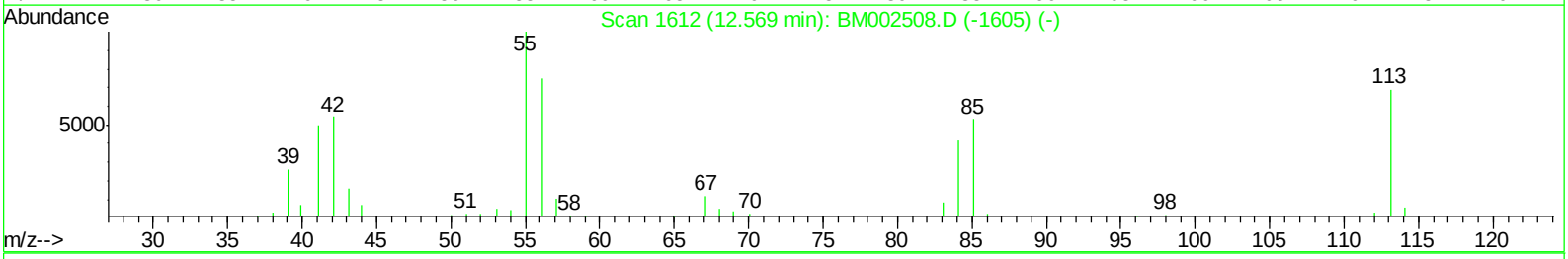

TIC: BM002514.D

(32) Caprolactam

12.592min (+0.024) 2.97ng/ul m

response 9805

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	137.20#
56.00	139.20	102.53#
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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ClientSampleId : MDL-05-S-ML

Manual Integrations APPROVED
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8/20/2015 3:37:39 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	119593	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	572841	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.40	164	326996	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	718853	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	795046	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	816247	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	15067	5.82	ng/uL	0.00
5) Phenol-d5	7.93	99	330399	30.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	188718	29.54	ng/ul	0.00
9) 2-Chlorophenol-d4	8.33	132	295310	33.04	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	297174	32.07	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	157675	36.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	170125	44.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	278219	33.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	447123	40.43	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	952797	35.39	ng/ul	0.00
47) Acenaphthylene-d8	15.11	160	1183003	34.92	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	183640	37.80	ng/ul	0.00
58) Fluorene-d10	16.38	176	798729	33.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	136706	48.39	ng/ul	0.00
71) Anthracene-d10	18.22	188	1246859	35.75	ng/ul	0.00
79) Pyrene-d10	20.44	212	1327658	34.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1569814	36.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	1618	0.55	ng/uL#	11
4) Benzaldehyde	7.93	77	19205	3.01	ng/ul	95
6) Phenol	7.96	94	29338	2.65	ng/ul	95
8) Bis(2-Chloroethyl)ether	8.20	93	24978	2.93	ng/ul	91
10) 2-Chlorophenol	8.37	128	25525	2.80	ng/ul	95
11) 2-Methylphenol	9.25	108	22972	2.62	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.34	45	33862	2.23	ng/ul	98
14) Acetophenone	9.66	105	40915	2.96	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.63	70	19561	2.64	ng/ul	92
16) 4-Methylphenol	9.58	108	26291	2.74	ng/ul	99
17) Hexachloroethane	9.93	117	9380	2.61	ng/ul	96
20) Nitrobenzene	10.06	77	27595	2.77	ng/ul	91
21) Isophorone	10.57	82	55986	2.82	ng/ul	98
23) 2-Nitrophenol	10.78	139	15958	3.69	ng/ul#	87
24) 2,4-Dimethylphenol	10.81	107	28417	2.68	ng/ul	99
25) Bis(2-Chloroethoxy)methane	11.05	93	33676	2.74	ng/ul	98
27) 2,4-Dichlorophenol	11.32	162	24436	3.05	ng/ul	90
28) Naphthalene	11.74	128	89644	2.97	ng/ul	99
30) 4-Chloroaniline	11.83	127	40849	3.72	ng/ul	99
31) Hexachlorobutadiene	11.99	225	13810	2.98	ng/ul	95
32) Caprolactam	12.59	113	9805m	2.97	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	28251	2.82	ng/ul	94
34) 2-Methylnaphthalene	13.29	142	66291	3.08	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.63	216	29213	3.11 ng/ul	99
38) Hexachlorocyclopentadiene	13.60	237	6419	1.16 ng/ul	98
39) 2,4,6-Trichlorophenol	13.86	196	18241	3.12 ng/ul	99
40) 2,4,5-Trichlorophenol	13.94	196	19981	3.04 ng/ul	99
41) 1,1'-Biphenyl	14.25	154	84515	3.06 ng/ul	98
42) 2-Chloronaphthalene	14.31	162	64219	3.06 ng/ul	98
43) 2-Nitroaniline	14.50	65	16848	2.64 ng/ul#	76
45) Dimethylphthalate	14.83	163	86027	3.13 ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	16409	3.19 ng/ul	89
48) Acenaphthylene	15.14	152	110647	3.15 ng/ul	99
49) 3-Nitroaniline	15.30	138	20383	3.66 ng/ul#	86
50) Acenaphthene	15.47	153	72432	3.06 ng/ul	99
51) 2,4-Dinitrophenol	15.51	184	3644	2.05 ng/ul#	1
53) 4-Nitrophenol	15.58	109	9929	2.79 ng/ul	88
54) Dibenzofuran	15.79	168	100684	3.19 ng/ul	97
55) 2,4-Dinitrotoluene	15.74	165	24763	3.39 ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	16.01	232	14650	2.93 ng/ul#	95
57) Diethylphthalate	16.16	149	87896	2.99 ng/ul	99
59) Fluorene	16.43	166	85636	3.21 ng/ul	100
60) 4-Chlorophenyl-phenylether	16.40	204	38186	3.13 ng/ul	94
61) 4-Nitroaniline	16.44	138	22110	3.44 ng/ul	87
64) 4,6-Dinitro-2-methylphenol	16.50	198	12448	3.92 ng/ul#	89
65) N-Nitrosodiphenylamine	16.62	169	73249	3.11 ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	22381	2.98 ng/ul	98
67) Hexachlorobenzene	17.42	284	26703	3.12 ng/ul	97
68) Atrazine	17.52	200	25485	3.11 ng/ul	99
69) Pentachlorophenol	17.76	266	5584	1.33 ng/ul	92
70) Phenanthrene	18.16	178	135565	3.28 ng/ul	98
72) Anthracene	18.25	178	138391	3.24 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	27528	2.81 ng/uL	98
74) Pentachlorobenzene	15.72	250	28375	3.00 ng/uL	98
75) Carbazole	18.50	167	125962	3.26 ng/ul	99
76) Di-n-butylphthalate	18.99	149	155966	3.01 ng/ul	100
77) Fluoranthene	20.10	202	153783	3.51 ng/ul	99
80) Pyrene	20.46	202	164114	3.19 ng/ul	98
81) Butylbenzylphthalate	21.27	149	74280	2.93 ng/ul	93
82) 3,3'-Dichlorobenzidine	22.09	252	59381	3.89 ng/ul	98
83) Benzo(a)anthracene	22.18	228	158277	3.26 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	110345	3.00 ng/ul	100
85) Chrysene	22.24	228	149046	3.24 ng/ul	99
87) Di-n-octyl phthalate	23.02	149	191274	3.07 ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	159185	3.14 ng/ul	99
89) Benzo(k)fluoranthene	24.08	252	158974	3.26 ng/ul	100
91) Benzo(a)pyrene	24.73	252	157225	3.24 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	27.64	276	182635	3.28 ng/ul	97
93) Dibenzo(a,h)anthracene	27.64	278	152453	3.23 ng/ul	99
94) Benzo(g,h,i)perylene	28.51	276	150989	3.22 ng/ul	98

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

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