Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081915\
Data File : BM002505.D
Acq On : 19 Aug 2015 23:44
Operator : UM/IZ
Sample : MDL-05-S
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 20 03:50:48 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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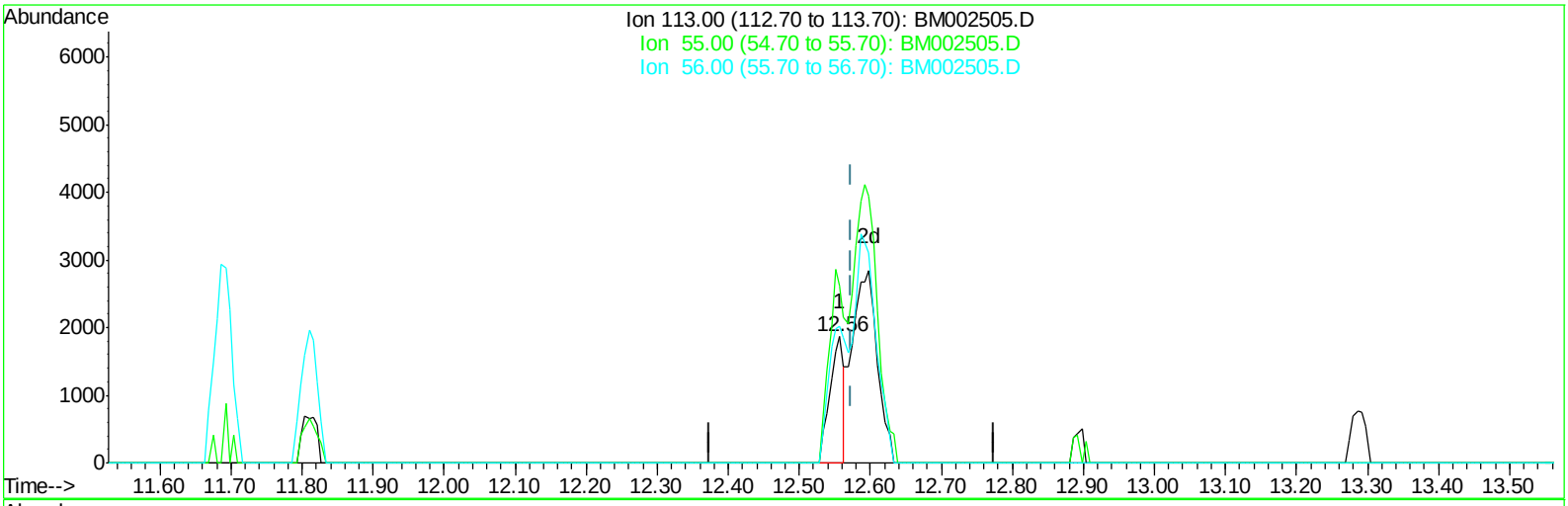

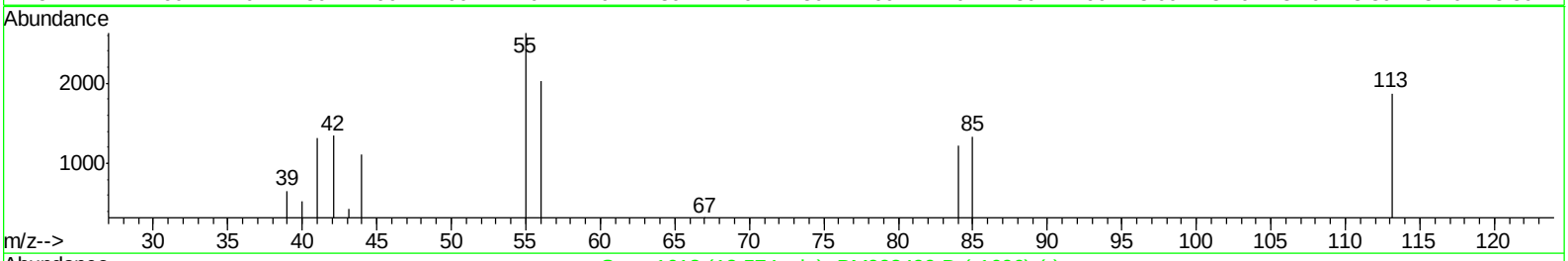

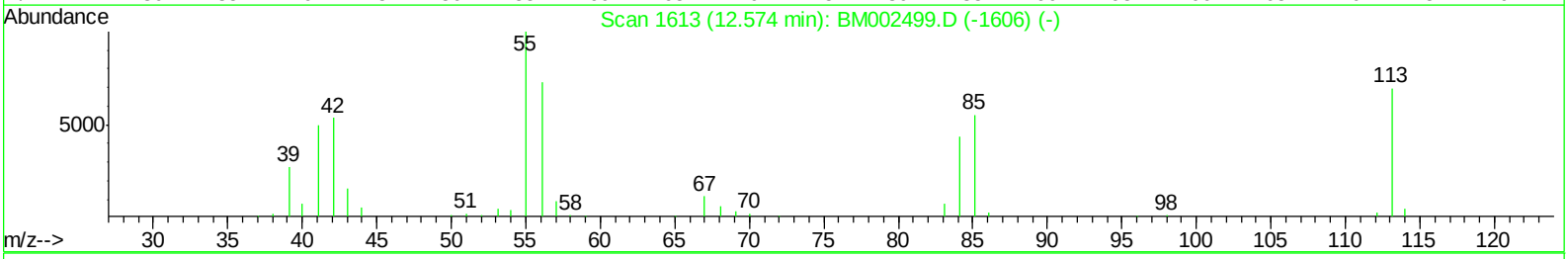

TIC: BM002505.D

(32) Caprolactam

12.557min (-0.018) 0.83ng/ul

response 2617

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	140.37#
56.00	139.20	108.24#
0.00	0.00	0.00

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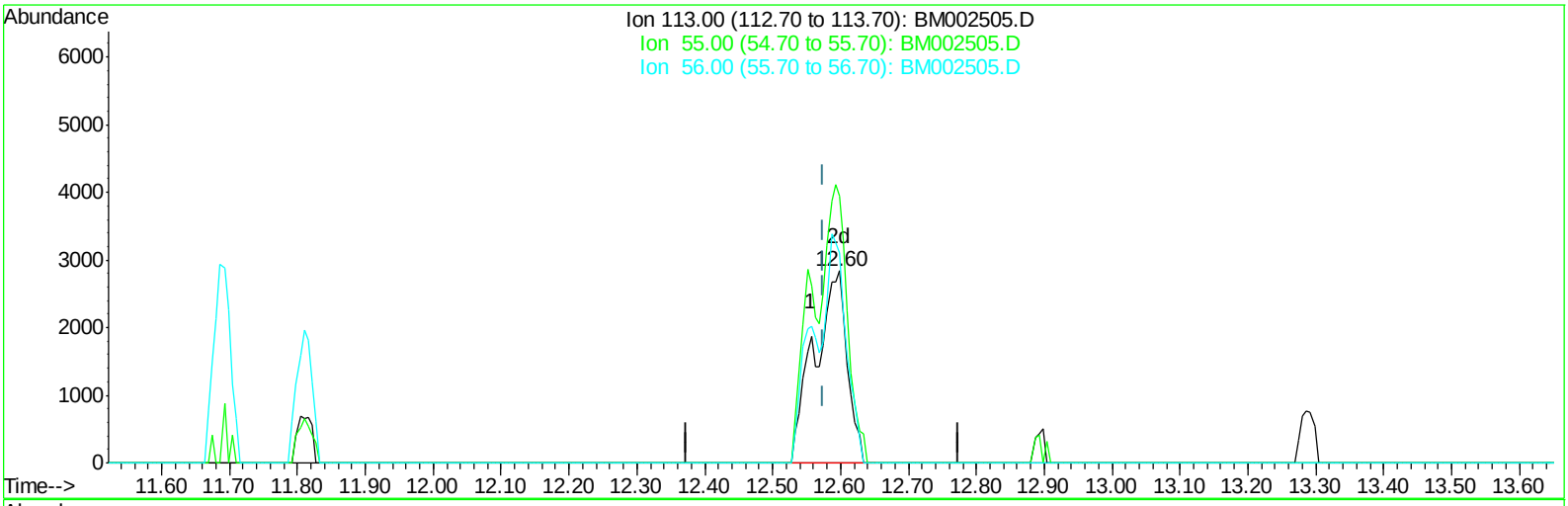

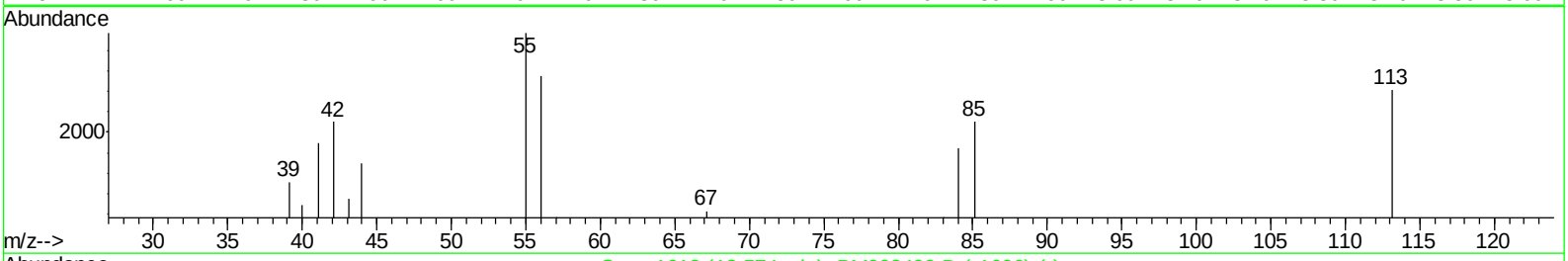

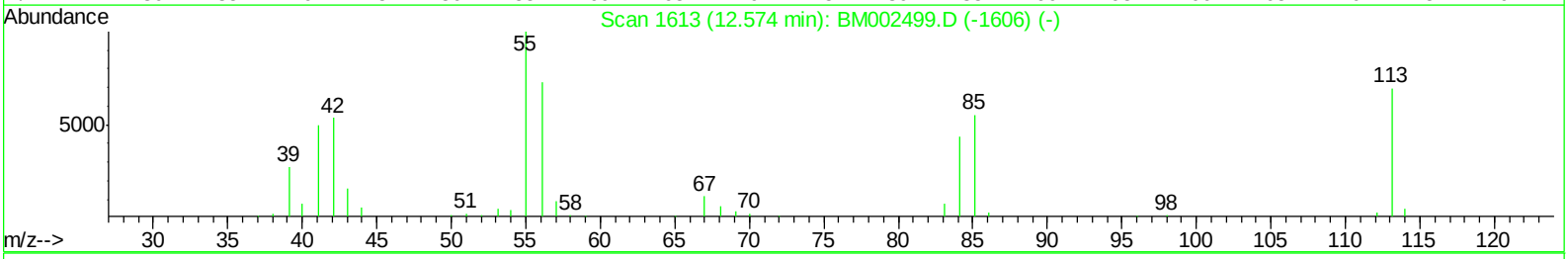

TIC: BM002505.D

(32) Caprolactam

12.598min (+0.024) 2.97ng/ul m

response 9407

Ion	Exp%	Act%
113.00	100	100
55.00	190.60	138.94#
56.00	139.20	109.24#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Quant Time: Aug 20 04:16:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	111159	20.00	ng/ul	0.00
18) Naphthalene-d8	11.69	136	548890	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.41	164	313594	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.12	188	690570	20.00	ng/ul	0.00
78) Chrysene-d12	22.20	240	752752	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	765405	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	13995	5.82	ng/uL	0.00
5) Phenol-d5	7.93	99	314633	31.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.11	67	179551	30.24	ng/ul	0.00
9) 2-Chlorophenol-d4	8.34	132	281361	33.86	ng/ul	0.00
13) 4-Methylphenol-d8	9.52	113	283517	32.92	ng/ul	0.00
19) Nitrobenzene-d5	10.02	128	149958	36.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.75	143	161203	44.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.29	165	266896	33.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.81	131	428192	40.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.79	166	920629	35.66	ng/ul	0.00
47) Acenaphthylene-d8	15.12	160	1134895	34.93	ng/ul	0.00
52) 4-Nitrophenol-d4	15.57	143	174580	37.47	ng/ul	0.00
58) Fluorene-d10	16.38	176	775118	34.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.49	200	130911	48.24	ng/ul	0.00
71) Anthracene-d10	18.22	188	1198555	35.77	ng/ul	0.00
79) Pyrene-d10	20.44	212	1265966	34.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.69	264	1482390	36.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.90	88	1587	0.59	ng/uL#	35
4) Benzaldehyde	7.93	77	18498	3.12	ng/ul	96
6) Phenol	7.96	94	27982	2.72	ng/ul	94
8) Bis(2-Chloroethyl)ether	8.20	93	23857	3.01	ng/ul	89
10) 2-Chlorophenol	8.37	128	24602	2.90	ng/ul	94
11) 2-Methylphenol	9.25	108	22536	2.76	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.35	45	31897	2.26	ng/ul#	94
14) Acetophenone	9.66	105	39634	3.09	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.63	70	19119	2.78	ng/ul	93
16) 4-Methylphenol	9.59	108	25290	2.83	ng/ul	96
17) Hexachloroethane	9.93	117	8857	2.65	ng/ul	92
20) Nitrobenzene	10.06	77	26192	2.74	ng/ul	91
21) Isophorone	10.58	82	54719	2.87	ng/ul	97
23) 2-Nitrophenol	10.78	139	15210	3.67	ng/ul	88
24) 2,4-Dimethylphenol	10.81	107	28052	2.76	ng/ul	97
25) Bis(2-Chloroethoxy)methane	11.05	93	32956	2.80	ng/ul	98
27) 2,4-Dichlorophenol	11.32	162	23471	3.06	ng/ul	91
28) Naphthalene	11.74	128	85824	2.97	ng/ul	98
30) 4-Chloroaniline	11.83	127	38607	3.67	ng/ul	100
31) Hexachlorobutadiene	11.99	225	13059	2.94	ng/ul	96
32) Caprolactam	12.60	113	9407m	2.97	ng/ul	
33) 4-Chloro-3-methylphenol	12.89	107	27136	2.82	ng/ul	93
34) 2-Methylnaphthalene	13.29	142	63522	3.08	ng/ul	99

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Quant Time: Aug 20 04:16:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 20 03:46:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	13.64	216	28152	3.13 ng/ul	97
38) Hexachlorocyclopentadiene	13.60	237	5934	1.11 ng/ul#	95
39) 2,4,6-Trichlorophenol	13.86	196	17512	3.12 ng/ul	96
40) 2,4,5-Trichlorophenol	13.94	196	19235	3.06 ng/ul	99
41) 1,1'-Biphenyl	14.25	154	82657	3.12 ng/ul	98
42) 2-Chloronaphthalene	14.31	162	61816	3.07 ng/ul	98
43) 2-Nitroaniline	14.50	65	16316	2.67 ng/ul#	80
45) Dimethylphthalate	14.83	163	83151	3.16 ng/ul	99
46) 2,6-Dinitrotoluene	14.97	165	16103	3.27 ng/ul	89
48) Acenaphthylene	15.14	152	106409	3.16 ng/ul	99
49) 3-Nitroaniline	15.30	138	19435	3.64 ng/ul#	87
50) Acenaphthene	15.47	153	69298	3.05 ng/ul	97
51) 2,4-Dinitrophenol	15.52	184	3555	2.09 ng/ul#	1
53) 4-Nitrophenol	15.58	109	9570	2.80 ng/ul	87
54) Dibenzofuran	15.80	168	96110	3.17 ng/ul	97
55) 2,4-Dinitrotoluene	15.75	165	23712	3.39 ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	16.02	232	13738	2.87 ng/ul#	93
57) Diethylphthalate	16.16	149	85618	3.04 ng/ul	100
59) Fluorene	16.43	166	80887	3.17 ng/ul	99
60) 4-Chlorophenyl-phenylether	16.40	204	36371	3.11 ng/ul	98
61) 4-Nitroaniline	16.44	138	21127	3.42 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	16.50	198	11737	3.85 ng/ul#	68
65) N-Nitrosodiphenylamine	16.62	169	70152	3.10 ng/ul	99
66) 4-Bromophenyl-phenylether	17.29	248	21636	3.00 ng/ul	97
67) Hexachlorobenzene	17.43	284	25458	3.10 ng/ul	98
68) Atrazine	17.53	200	24730	3.14 ng/ul	99
69) Pentachlorophenol	17.76	266	5054	1.25 ng/ul#	90
70) Phenanthrene	18.16	178	130738	3.29 ng/ul	98
72) Anthracene	18.25	178	131815	3.21 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.23	216	26478	2.82 ng/uL	98
74) Pentachlorobenzene	15.72	250	27007	2.97 ng/uL	97
75) Carbazole	18.50	167	121080	3.26 ng/ul	99
76) Di-n-butylphthalate	18.99	149	152804	3.07 ng/ul	99
77) Fluoranthene	20.11	202	145706	3.46 ng/ul	99
80) Pyrene	20.47	202	156713	3.22 ng/ul	95
81) Butylbenzylphthalate	21.27	149	71450	2.97 ng/ul	91
82) 3,3'-Dichlorobenzidine	22.09	252	57294	3.96 ng/ul	96
83) Benzo(a)anthracene	22.19	228	150583	3.28 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	22.02	149	105356	3.03 ng/ul	100
85) Chrysene	22.24	228	140834	3.23 ng/ul	98
87) Di-n-octyl phthalate	23.02	149	183664	3.14 ng/ul	100
88) Benzo(b)fluoranthene	24.03	252	152031	3.20 ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	148489	3.25 ng/ul	98
91) Benzo(a)pyrene	24.74	252	150061	3.30 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.65	276	174116	3.34 ng/ul	99
93) Dibenzo(a,h)anthracene	27.65	278	145825	3.30 ng/ul	99
94) Benzo(g,h,i)perylene	28.53	276	143777	3.27 ng/ul	97

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

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