Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091416\
Data File : BM007476.D
Acq On : 14 Sep 2016 12:52
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 14 14:16:03 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 09 03:02:55 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02055

Manual Integrations APPROVED
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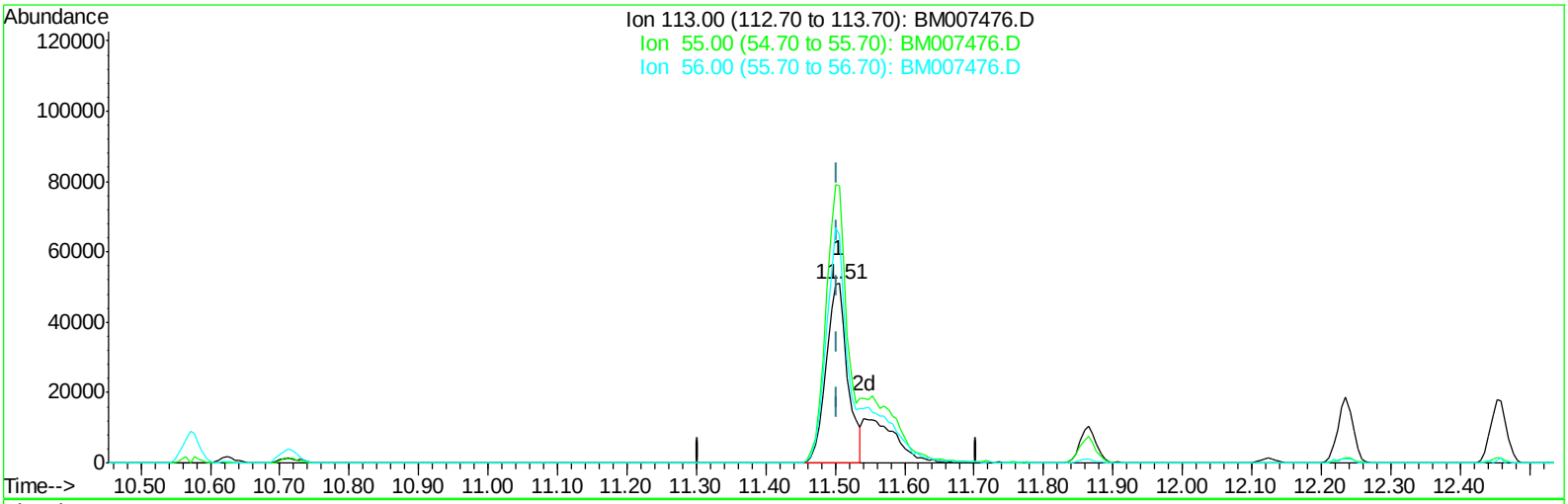

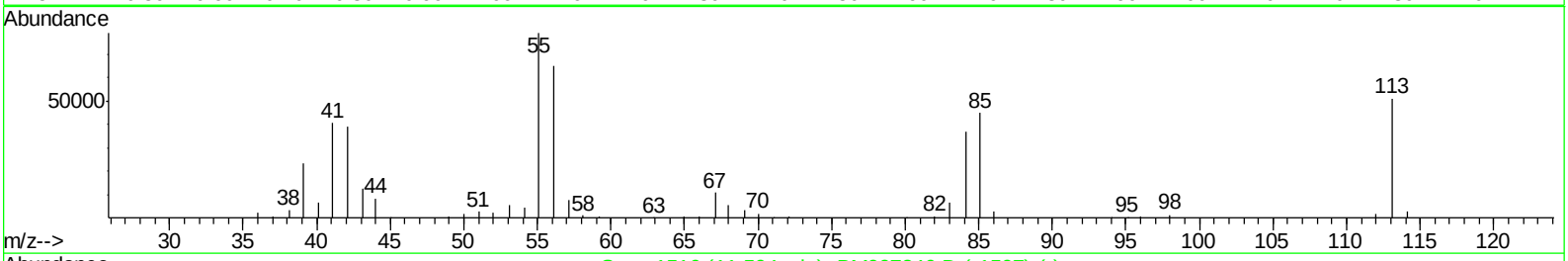

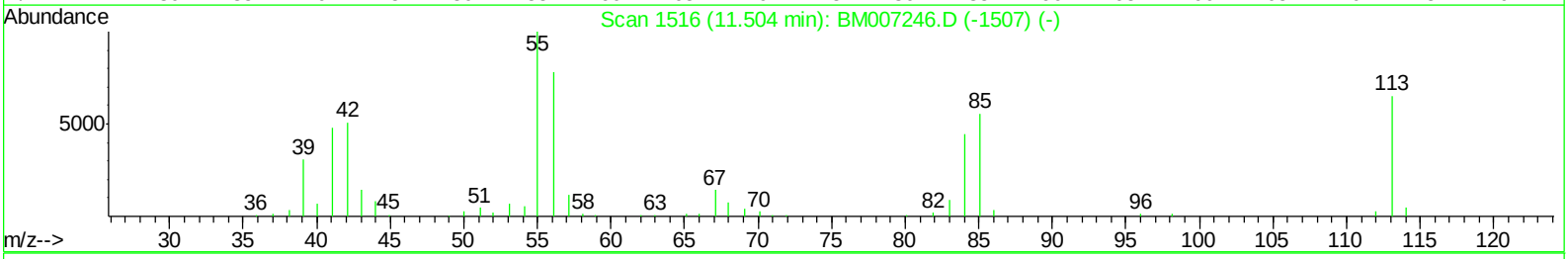

TIC: BM007476.D

(32) Caprolactam

11.506min (+0.002) 13.42ng/ul

response 110336

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	154.58
56.00	121.70	127.07
0.00	0.00	0.00

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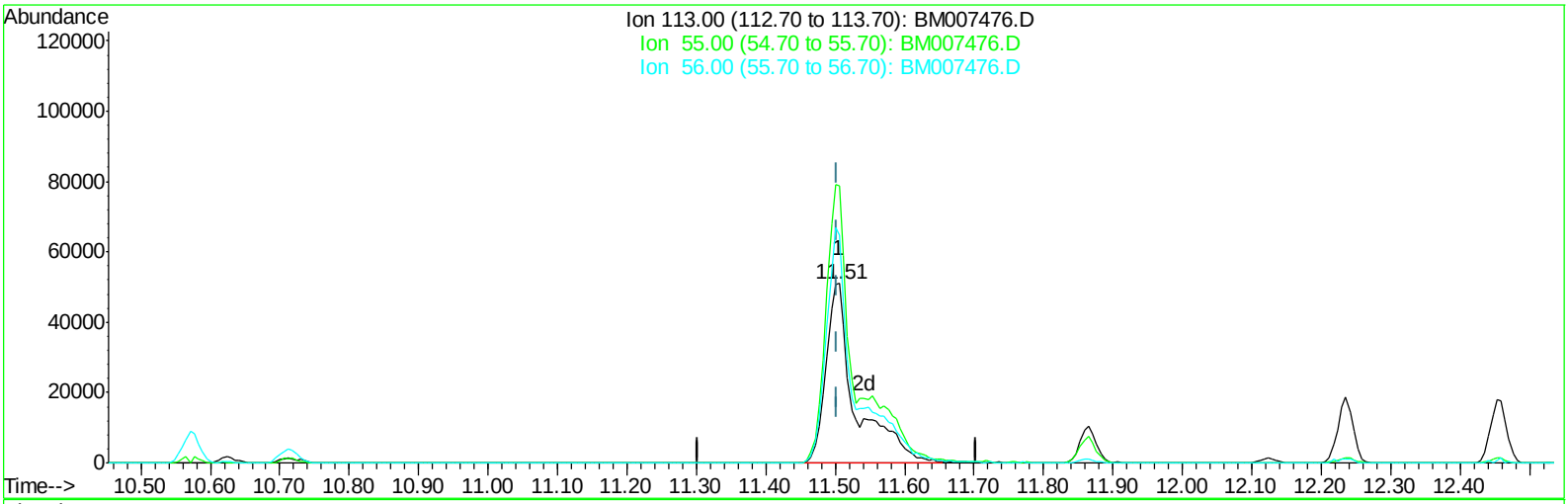

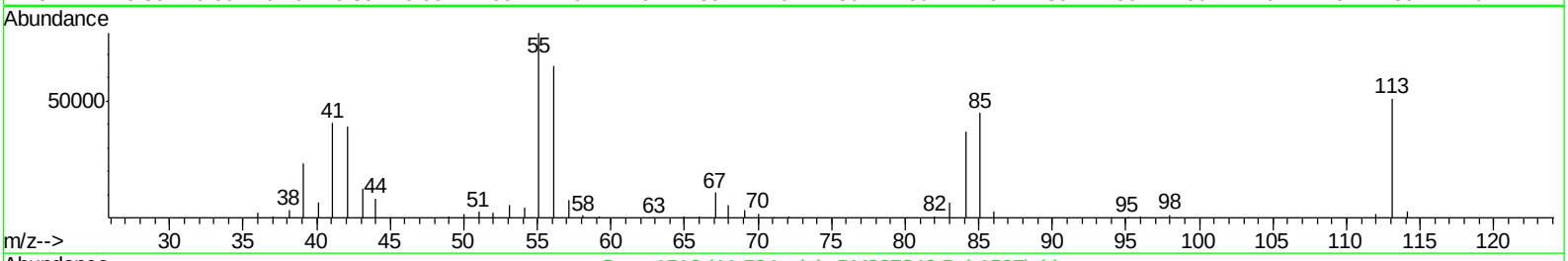

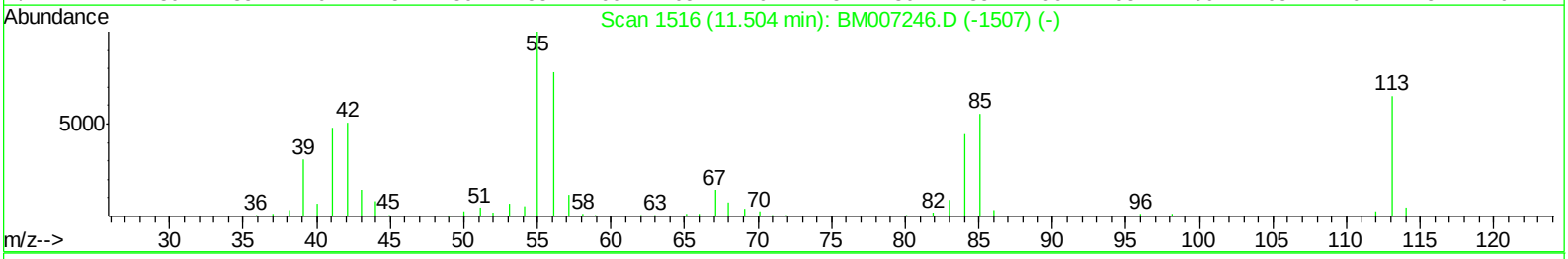

TIC: BM007476.D

(32) Caprolactam

11.506min (+0.002) 18.52ng/ul m

response 152274

Ion	Exp%	Act%
113.00	100	100
55.00	152.40	154.58
56.00	121.70	127.07
0.00	0.00	0.00

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Quant Time: Sep 14 15:00:15 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 09 03:02:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	246143	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1203676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	823019	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	2133725	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2908432	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	3071812	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	40059	8.32	ng/uL	0.00
5) Phenol-d5	6.96	99	462841	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	262608	21.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	337944	19.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	398996	19.68	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	172448	19.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	183215	17.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	406158	19.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	536383	20.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1443315	20.33	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1711266	20.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	240535	17.94	ng/ul	0.00
57) Fluorene-d10	15.42	176	1231258	20.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	249282	18.58	ng/ul	0.00
70) Anthracene-d10	17.26	188	2055970	20.63	ng/ul	0.00
76) Pyrene-d10	19.56	212	2556882	21.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2874306	20.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	41139	7.66	ng/uL	99
4) Benzaldehyde	6.94	77	308026	23.25	ng/ul	97
6) Phenol	6.99	94	477896	19.82	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.22	93	349287	20.79	ng/ul	98
10) 2-Chlorophenol	7.35	128	347011	19.72	ng/ul	96
11) 2-Methylphenol	8.23	108	370943	19.68	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.32	45	425747	22.52	ng/ul	100
14) Acetophenone	8.61	105	637101	20.49	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.59	70	342683	20.73	ng/ul	97
16) 4-Methylphenol	8.56	108	418804	19.80	ng/ul	99
17) Hexachloroethane	8.86	117	142114	20.76	ng/ul	98
20) Nitrobenzene	8.99	77	475850	20.96	ng/ul	97
21) Isophorone	9.51	82	958024	20.72	ng/ul	100
23) 2-Nitrophenol	9.69	139	214171	19.09	ng/ul	95
24) 2,4-Dimethylphenol	9.75	107	509707	20.60	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	534289	20.50	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	407918	19.99	ng/ul	97
28) Naphthalene	10.62	128	1222907	20.43	ng/ul	100
30) 4-Chloroaniline	10.74	127	551354	20.90	ng/ul	98
31) Hexachlorobutadiene	10.91	225	283239	20.54	ng/ul	97
32) Caprolactam	11.51	113	152274m	18.52	ng/ul	
33) 4-Chloro-3-methylphenol	11.86	107	515736	20.42	ng/ul	93
34) 2-Methylnaphthalene	12.24	142	993262	20.27	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	582494	21.25	ng/ul	99
37) Hexachlorocyclopentadiene	12.58	237	288570	17.46	ng/ul	97
38) 2,4,6-Trichlorophenol	12.85	196	381968	19.70	ng/ul	98
39) 2,4,5-Trichlorophenol	12.92	196	407841	20.18	ng/ul	96
40) 1,1'-Biphenyl	13.25	154	1341413	21.02	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	1044398	20.87	ng/ul	99
42) 2-Nitroaniline	13.51	65	325768	19.93	ng/ul	96
44) Dimethylphthalate	13.88	163	1430549	20.23	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	288885	19.98	ng/ul	91
47) Acenaphthylene	14.14	152	1771148	20.91	ng/ul	99
48) 3-Nitroaniline	14.34	138	300395	20.36	ng/ul	95
49) Acenaphthene	14.49	153	1139247	20.67	ng/ul	100
50) 2,4-Dinitrophenol	14.55	184	149155	15.22	ng/ul#	89
52) 4-Nitrophenol	14.65	109	260480	18.27	ng/ul	92
53) Dibenzofuran	14.82	168	1655899	20.08	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	441910	19.94	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.05	232	401902	19.39	ng/ul#	100
56) Diethylphthalate	15.24	149	1461590	19.81	ng/ul	98
58) Fluorene	15.47	166	1385161	20.39	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.46	204	718483	20.24	ng/ul	98
60) 4-Nitroaniline	15.50	138	325144	19.42	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.56	198	271065	18.93	ng/ul	99
64) N-Nitrosodiphenylamine	15.68	169	1238860	20.80	ng/ul	100
65) 4-Bromophenyl-phenylether	16.36	248	490283	20.35	ng/ul	99
66) Hexachlorobenzene	16.48	284	540954	20.05	ng/ul	98
67) Atrazine	16.63	200	516640	20.54	ng/ul	99
68) Pentachlorophenol	16.82	266	305890	17.57	ng/ul	99
69) Phenanthrene	17.21	178	2376510	20.75	ng/ul	99
71) Anthracene	17.30	178	2482435	20.99	ng/ul	99
72) Carbazole	17.57	167	2183156	21.24	ng/ul	99
73) Di-n-butylphthalate	18.13	149	2624595	20.29	ng/ul	99
74) Fluoranthene	19.22	202	3130898	21.78	ng/ul	99
77) Pyrene	19.59	202	3299761	21.15	ng/ul	98
78) Butylbenzylphthalate	20.48	149	1315681	20.26	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.26	252	1237964	21.44	ng/ul	99
80) Benzo(a)anthracene	21.33	228	3535867	20.62	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	1910916	20.29	ng/ul	99
82) Chrysene	21.39	228	3204811	20.64	ng/ul	100
84) Di-n-octyl phthalate	22.14	149	3467932	22.67	ng/ul	100
85) Benzo(b)fluoranthene	22.93	252	3808771	20.97	ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	3487754	20.78	ng/ul	100
88) Benzo(a)pyrene	23.52	252	3567319	20.52	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	4003217	18.77	ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	3304818	18.63	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	3335134	18.42	ng/ul	99

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

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