Data Path : Z:\HPCHEM1\BNA_M\Data\BM042817\

Data File : BM009777.D
Acq On : 28 Apr 2017 13:16
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quantitation Report (Qedit)

Quant Time: Apr 28 23:04:12 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 06:36:45 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02036

Manual Integrations APPROVED
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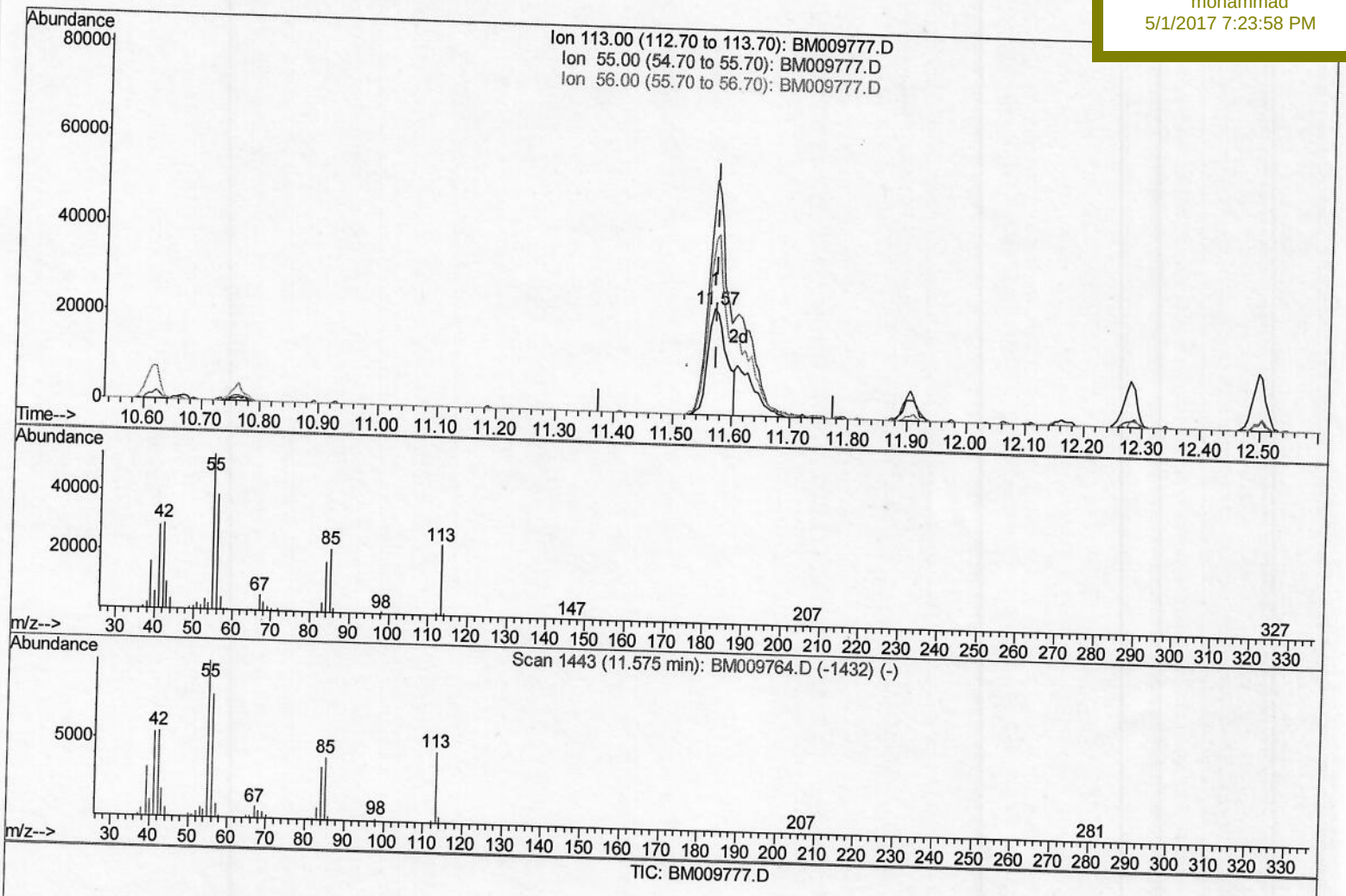
5/1/2017 7:23:58 PM



TIC: BM009777.D

(32) Caprolactam

11.569min (-0.006) 13.34ng/ul

response 53236

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	220.21
56.00	207.20	163.28#
0.00	0.00	0.00

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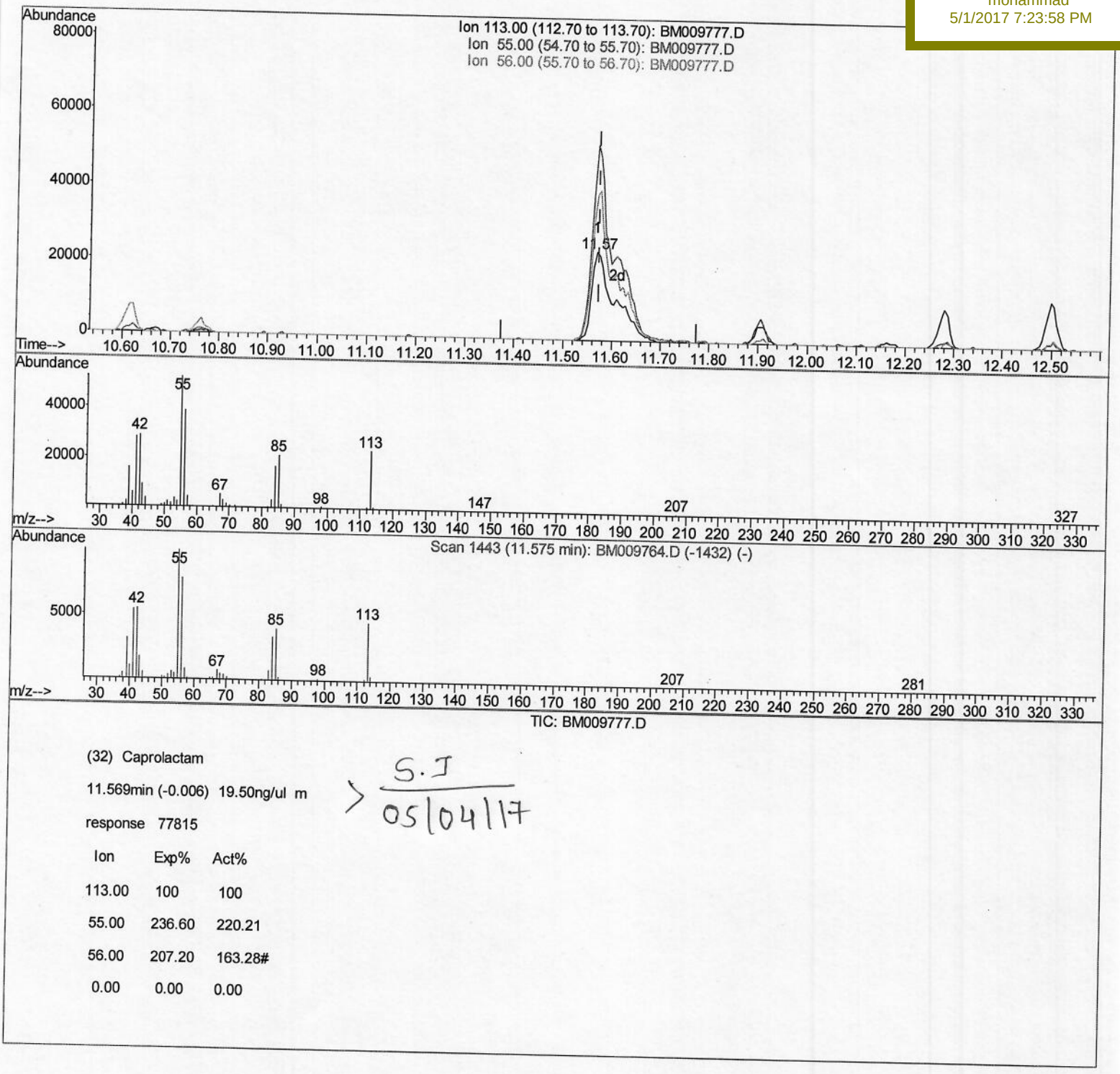

(32) Caprolactam

11.569min (-0.006) 19.50ng/ul m

response 77815

S.J 05/04/17

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	220.21
56.00	207.20	163.28#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042817\

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	137877	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	626094	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	416309	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1025795	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1339266	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1041367	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	22195	7.41	ng/uL	0.00
5) Phenol-d5	6.99	99	280504	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	201194	19.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	189151	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	221463	18.97	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	101230	19.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	110679	20.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	215695	20.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	273338	21.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	684147	18.89	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	866964	19.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	129507	18.53	ng/ul	0.00
57) Fluorene-d10	15.46	176	632478	19.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	126332	17.46	ng/ul	0.00
70) Anthracene-d10	17.32	188	1015653	19.28	ng/ul	0.00
76) Pyrene-d10	19.61	212	1188917	20.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1005804	19.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	24668	6.68	ng/uL#	78
4) Benzaldehyde	6.97	77	189309	19.40	ng/ul#	83
6) Phenol	7.01	94	292640	18.90	ng/ul#	64
8) Bis(2-Chloroethyl)ether	7.25	93	225224	19.37	ng/ul#	82
10) 2-Chlorophenol	7.39	128	192834	19.76	ng/ul#	73
11) 2-Methylphenol	8.26	108	210044	18.85	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	380052	19.58	ng/ul	94
14) Acetophenone	8.65	105	359711	18.73	ng/ul#	76
15) N-Nitroso-di-n-propylamine	8.63	70	231557	19.41	ng/ul#	90
16) 4-Methylphenol	8.59	108	235534	19.10	ng/ul	98
17) Hexachloroethane	8.89	117	87059	19.22	ng/ul	90
20) Nitrobenzene	9.03	77	325434	19.66	ng/ul#	88
21) Isophorone	9.55	82	558124	19.05	ng/ul#	95
23) 2-Nitrophenol	9.73	139	114074	19.54	ng/ul#	53
24) 2,4-Dimethylphenol	9.79	107	283719	19.54	ng/ul#	81
25) Bis(2-Chloroethoxy)methane	10.03	93	331490	19.52	ng/ul	95
27) 2,4-Dichlorophenol	10.26	162	210693	19.94	ng/ul#	93
28) Naphthalene	10.67	128	644077	19.31	ng/ul	98
30) 4-Chloroaniline	10.79	127	268576	20.82	ng/ul	94
31) Hexachlorobutadiene	10.93	225	145793	19.75	ng/ul	95
32) Caprolactam	11.57	113	77815m	19.50	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	262551	19.94	ng/ul#	89
34) 2-Methylnaphthalene	12.28	142	496622	19.37	ng/ul	99

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	279428	19.79 ng/ul	98
37) Hexachlorocyclopentadiene	12.62	237	130768	17.34 ng/ul	97
38) 2,4,6-Trichlorophenol	12.89	196	197531	20.60 ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	204748	20.71 ng/ul	97
40) 1,1'-Biphenyl	13.29	154	668428	19.52 ng/ul	94
41) 2-Chloronaphthalene	13.34	162	525069	19.94 ng/ul	95
42) 2-Nitroaniline	13.56	65	229580	20.46 ng/ul#	85
44) Dimethylphthalate	13.92	163	685538	19.13 ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	140096	19.48 ng/ul#	79
47) Acenaphthylene	14.19	152	842578	19.56 ng/ul	99
48) 3-Nitroaniline	14.39	138	136825	19.26 ng/ul#	87
49) Acenaphthene	14.53	153	566729	19.35 ng/ul	98
50) 2,4-Dinitrophenol	14.60	184	74301	15.48 ng/ul#	76
52) 4-Nitrophenol	14.69	109	151046	18.86 ng/ul#	66
53) Dibenzofuran	14.87	168	837322	19.52 ng/ul	90
54) 2,4-Dinitrotoluene	14.85	165	208566	19.23 ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.10	232	195795	20.42 ng/ul#	89
56) Diethylphthalate	15.29	149	730390	18.70 ng/ul	98
58) Fluorene	15.52	166	707098	19.31 ng/ul	94
59) 4-Chlorophenyl-phenylether	15.51	204	368494	19.42 ng/ul	93
60) 4-Nitroaniline	15.56	138	131296	15.83 ng/ul#	38
63) 4,6-Dinitro-2-methylphenol	15.61	198	130545	17.48 ng/ul#	82
64) N-Nitrosodiphenylamine	15.73	169	599699	19.05 ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	233358	19.92 ng/ul	90
66) Hexachlorobenzene	16.52	284	251604	19.62 ng/ul	92
67) Atrazine	16.68	200	238559	18.89 ng/ul	95
68) Pentachlorophenol	16.87	266	142312	18.01 ng/ul	90
69) Phenanthrene	17.26	178	1140162	19.34 ng/ul	100
71) Anthracene	17.35	178	1187640	19.25 ng/ul	98
72) Carbazole	17.63	167	1032588	18.60 ng/ul	98
73) Di-n-butylphthalate	18.17	149	1304909	19.30 ng/ul#	97
74) Fluoranthene	19.27	202	1424868	19.17 ng/ul#	91
77) Pyrene	19.64	202	1500793	19.84 ng/ul#	88
78) Butylbenzylphthalate	20.53	149	630398	20.10 ng/ul	87
79) 3,3'-Dichlorobenzidine	21.32	252	467789	18.89 ng/ul	97
80) Benzo(a)anthracene	21.38	228	1546667	19.48 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	943836	19.86 ng/ul	98
82) Chrysene	21.43	228	1369812	19.16 ng/ul	97
84) Di-n-octyl phthalate	22.19	149	1593112	20.94 ng/ul	94
85) Benzo(b)fluoranthene	23.01	252	1401244	20.72 ng/ul#	97
86) Benzo(k)fluoranthene	23.06	252	1268943	20.49 ng/ul#	97
88) Benzo(a)pyrene	23.61	252	1232220	19.59 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	1203859	17.67 ng/ul#	90
90) Dibenzo(a,h)anthracene	26.07	278	1020213	17.58 ng/ul#	94
91) Benzo(g,h,i)perylene	26.79	276	953149	17.41 ng/ul#	91

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

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