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

Quantitation Report (Qedit)

Data File : BM009803.D
Acq On : 29 Apr 2017 05:26
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 29 06:37:04 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 29 00:28:27 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02038

Manual Integrations APPROVED
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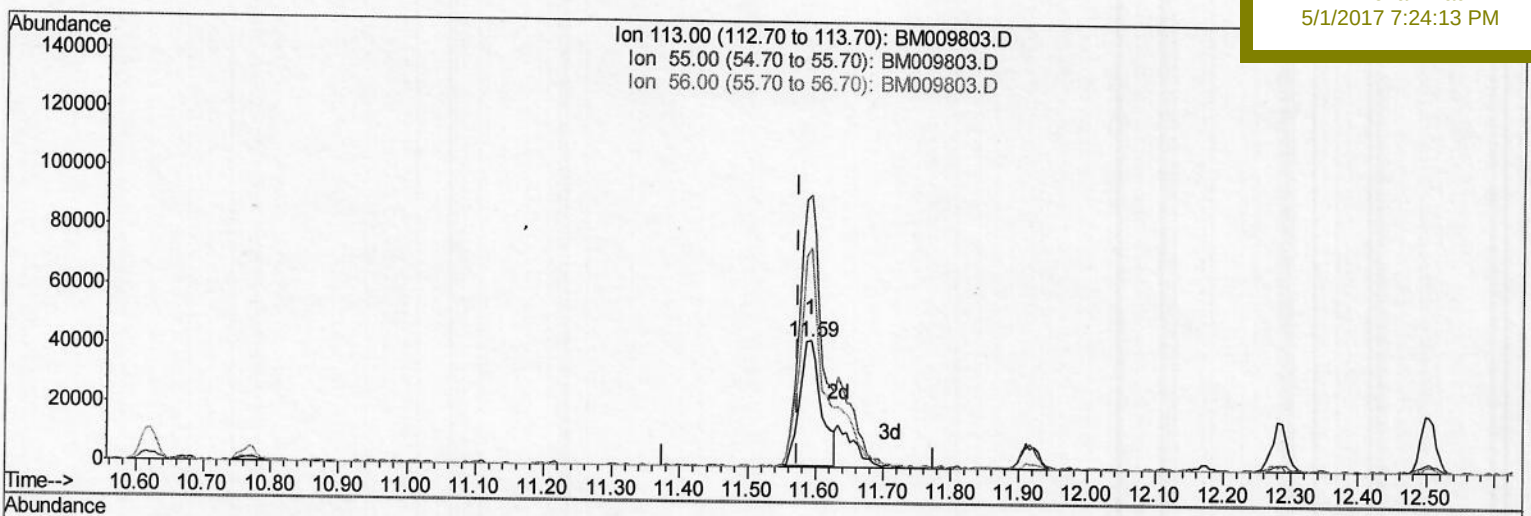

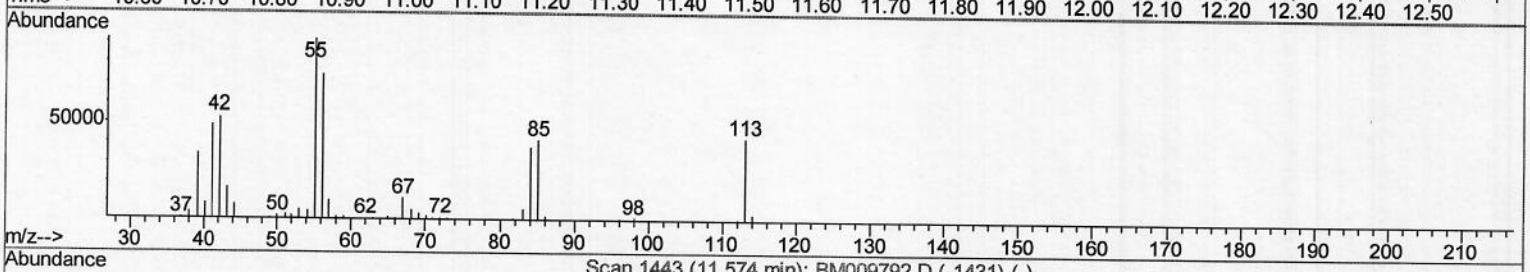

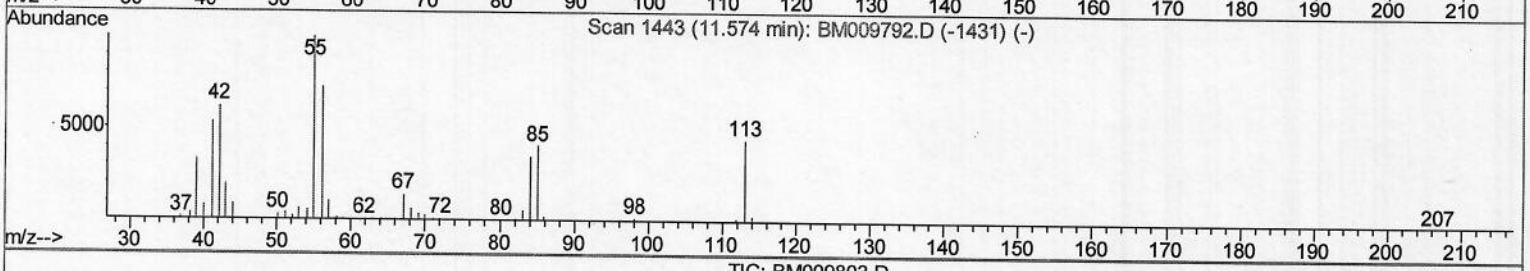

TIC: BM009803.D

(32) Caprolactam

11.592min (+0.018) 12.62ng/ul

response 92670

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	214.43
56.00	207.20	173.52
0.00	0.00	0.00

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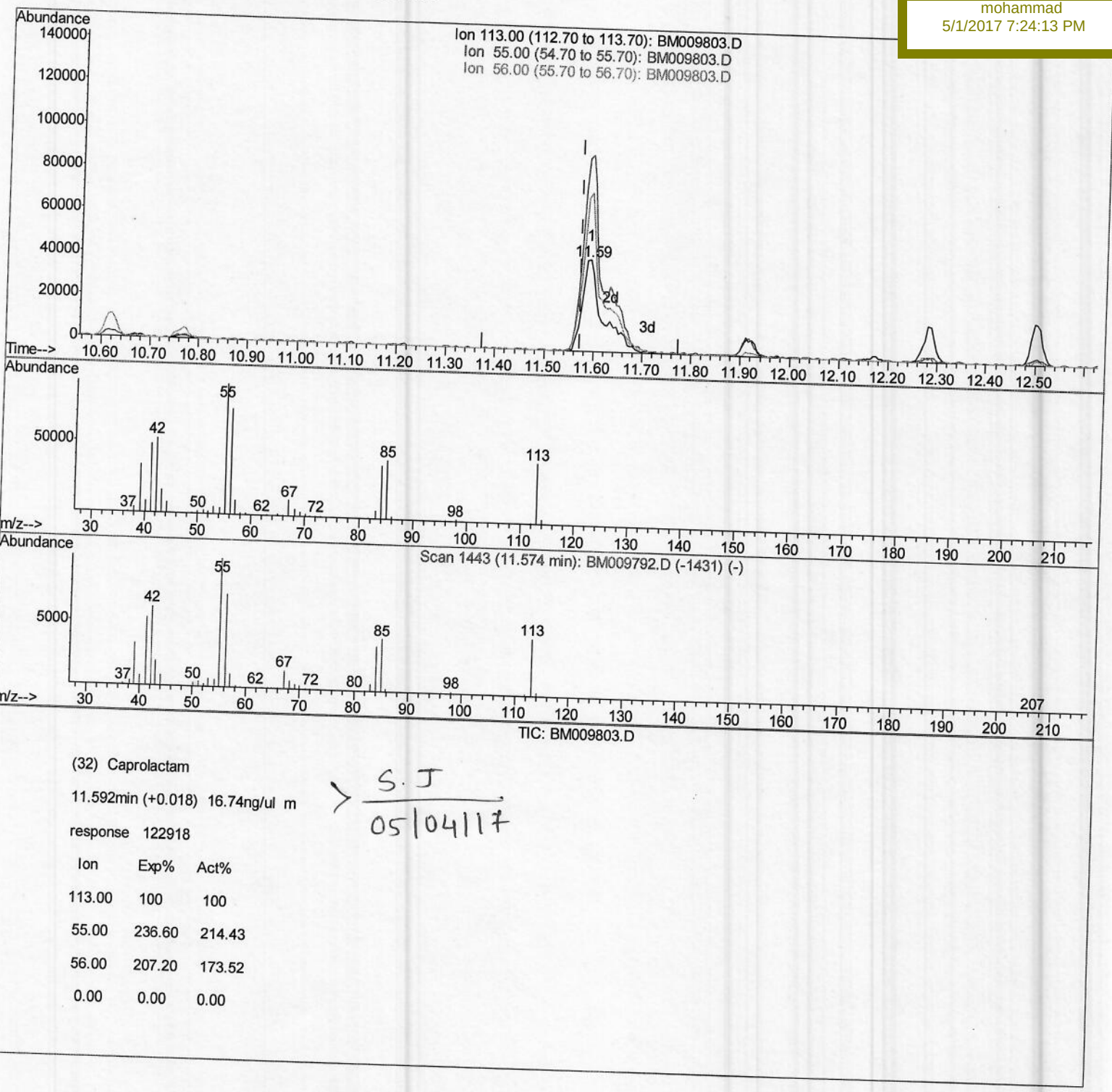

(32) Caprolactam

11.592min (+0.018) 16.74ng/ul m

response 122918

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	214.43
56.00	207.20	173.52
0.00	0.00	0.00

S.J 05/04/17

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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	274434	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1151688	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	667910	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1379217	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1119830	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1070268	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	40845	6.85	ng/uL	0.00
5) Phenol-d5	6.99	99	542169	18.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	370655	18.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	372500	19.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	412690	17.76	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	187033	19.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	210662	21.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	396310	20.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	472497	19.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1097402	18.89	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1407660	20.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	169027	15.08	ng/ul	0.02
57) Fluorene-d10	15.46	176	962813	18.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	129424	13.30	ng/ul	0.01
70) Anthracene-d10	17.32	188	1355857	19.15	ng/ul	0.00
76) Pyrene-d10	19.62	212	1187918	24.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1004474	19.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	50315	6.85	ng/uL#	66
4) Benzaldehyde	6.97	77	359029	18.49	ng/ul#	79
6) Phenol	7.02	94	556840	18.07	ng/ul#	63
8) Bis(2-Chloroethyl)ether	7.25	93	419395	18.12	ng/ul#	81
10) 2-Chlorophenol	7.39	128	382701	19.71	ng/ul#	75
11) 2-Methylphenol	8.27	108	397392	17.92	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.35	45	682762	17.67	ng/ul#	96
14) Acetophenone	8.65	105	661146	17.29	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.63	70	415619	17.51	ng/ul#	82
16) 4-Methylphenol	8.60	108	438101	17.85	ng/ul	99
17) Hexachloroethane	8.89	117	172678	19.15	ng/ul	90
20) Nitrobenzene	9.03	77	576867	18.95	ng/ul#	90
21) Isophorone	9.56	82	986365	18.30	ng/ul#	93
23) 2-Nitrophenol	9.74	139	223799	20.84	ng/ul#	53
24) 2,4-Dimethylphenol	9.80	107	507981	19.02	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.03	93	586133	18.76	ng/ul	97
27) 2,4-Dichlorophenol	10.27	162	379265	19.51	ng/ul#	92
28) Naphthalene	10.67	128	1182693	19.28	ng/ul	98
30) 4-Chloroaniline	10.79	127	458839	19.33	ng/ul	96
31) Hexachlorobutadiene	10.93	225	267956	19.74	ng/ul	99
32) Caprolactam	11.59	113	122918m	16.74	ng/ul	
33) 4-Chloro-3-methylphenol	11.92	107	435017	17.96	ng/ul#	92
34) 2-Methylnaphthalene	12.28	142	865904	18.36	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	494640	21.84	ng/ul#	95
37) Hexachlorocyclopentadiene	12.62	237	165818	13.71	ng/ul	97
38) 2,4,6-Trichlorophenol	12.90	196	324786	21.11	ng/ul	96
39) 2,4,5-Trichlorophenol	12.97	196	330591	20.84	ng/ul	95
40) 1,1'-Biphenyl	13.30	154	1116020	20.32	ng/ul	94
41) 2-Chloronaphthalene	13.35	162	874767	20.71	ng/ul	94
42) 2-Nitroaniline	13.56	65	350150	19.45	ng/ul#	75
44) Dimethylphthalate	13.93	163	1077985	18.75	ng/ul#	98
45) 2,6-Dinitrotoluene	14.06	165	226124	19.59	ng/ul#	69
47) Acenaphthylene	14.19	152	1363936	19.74	ng/ul	99
48) 3-Nitroaniline	14.39	138	221929	19.47	ng/ul#	80
49) Acenaphthene	14.53	153	902117	19.20	ng/ul	97
50) 2,4-Dinitrophenol	14.61	184	83828	10.89	ng/ul#	73
52) 4-Nitrophenol	14.71	109	192395	14.98	ng/ul#	65
53) Dibenzofuran	14.87	168	1295830	18.83	ng/ul	91
54) 2,4-Dinitrotoluene	14.85	165	314871	18.10	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.10	232	283673	18.44	ng/ul#	95
56) Diethylphthalate	15.29	149	1104527	17.62	ng/ul	97
58) Fluorene	15.52	166	1061770	18.07	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.51	204	551922	18.13	ng/ul	93
60) 4-Nitroaniline	15.56	138	211558	15.90	ng/ul#	34
63) 4,6-Dinitro-2-methylphenol	15.62	198	131617	13.11	ng/ul#	81
64) N-Nitrosodiphenylamine	15.73	169	901350	21.30	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	338127	21.47	ng/ul	89
66) Hexachlorobenzene	16.52	284	351553	20.39	ng/ul	92
67) Atrazine	16.69	200	320581	18.88	ng/ul	93
68) Pentachlorophenol	16.87	266	169443	15.95	ng/ul	87
69) Phenanthrene	17.26	178	1505860	18.99	ng/ul	98
71) Anthracene	17.36	178	1579427	19.04	ng/ul	97
72) Carbazole	17.63	167	1279418	17.14	ng/ul	98
73) Di-n-butylphthalate	18.17	149	1771693	19.49	ng/ul#	97
74) Fluoranthene	19.28	202	1515325	15.16	ng/ul#	91
77) Pyrene	19.64	202	1501095	23.73	ng/ul#	89
78) Butylbenzylphthalate	20.53	149	631987	24.10	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.32	252	298631	14.42	ng/ul	99
80) Benzo(a)anthracene	21.39	228	1313592	19.78	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	896078	22.55	ng/ul	96
82) Chrysene	21.44	228	1165257	19.49	ng/ul	98
84) Di-n-octyl phthalate	22.19	149	1416747	18.12	ng/ul	98
85) Benzo(b)fluoranthene	23.02	252	1278110	18.39	ng/ul#	96
86) Benzo(k)fluoranthene	23.06	252	1222205	19.20	ng/ul#	96
88) Benzo(a)pyrene	23.62	252	1260856	19.50	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.07	276	1484730	21.21	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.09	278	1252011	21.00	ng/ul#	94
91) Benzo(g,h,i)perylene	26.80	276	1245713	22.14	ng/ul#	92

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

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