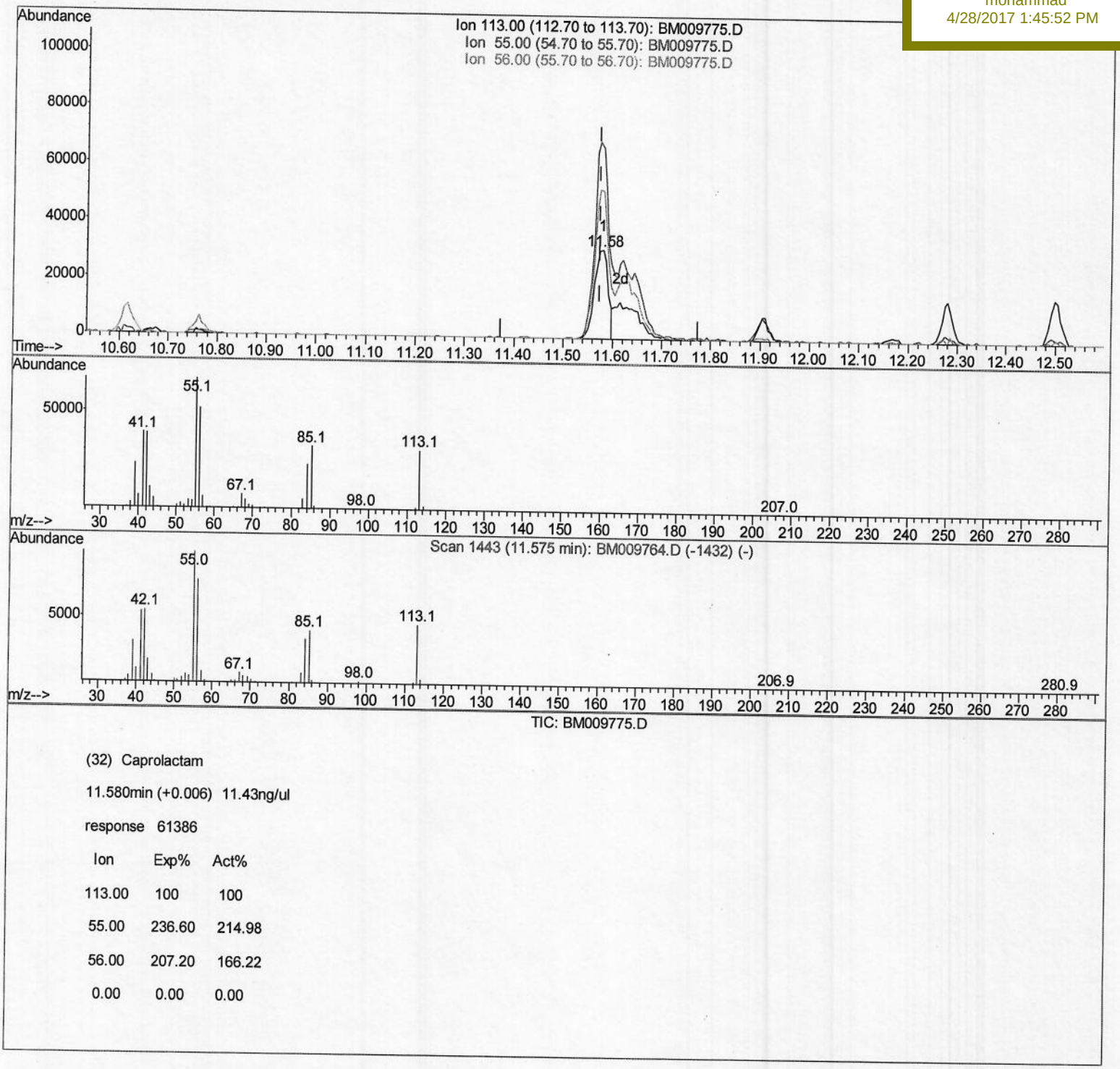
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA M\Data\BM042717\
Data File : BM009775.D
Acq On : 28 Apr 2017 12:04
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 28 12:51:51 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 :
SSTD02035

Manual Integrations APPROVED
mohammad
4/28/2017 1:45:52 PM



TIC: BM009775.D

(32) Caprolactam

11.580min (+0.006) 11.43ng/ul

response 61386

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	214.98
56.00	207.20	166.22
0.00	0.00	0.00

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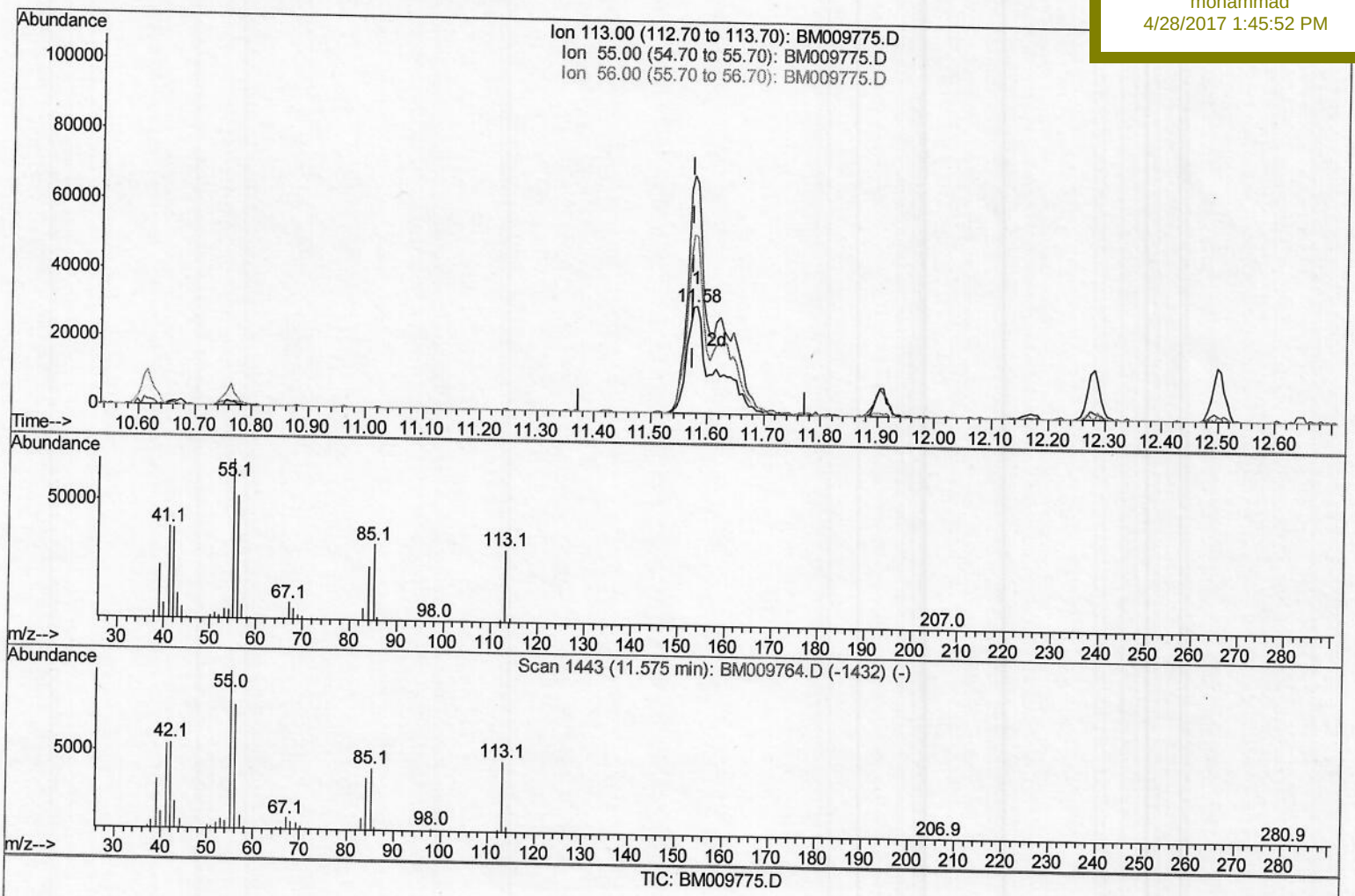

TIC: BM009775.D

(32) Caprolactam

11.580min (+0.006) 19.44ng/ul m

response 104362

S.J 05/04/17

Ion	Exp%	Act%
113.00	100	100
55.00	236.60	214.98
56.00	207.20	166.22
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	185699	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	842429	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	553322	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1362863	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1826556	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1488393	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	28968	7.18	ng/uL	0.00
5) Phenol-d5	6.99	99	382403	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	262669	19.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	257228	20.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	300848	19.13	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	136991	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	147091	20.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	303466	21.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	359199	20.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	925473	19.23	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1149221	19.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	175988	18.95	ng/ul	0.00
57) Fluorene-d10	15.46	176	845043	19.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	172165	17.90	ng/ul	0.00
70) Anthracene-d10	17.32	188	1360269	19.44	ng/ul	0.00
76) Pyrene-d10	19.61	212	1600245	19.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1433298	19.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	32377	6.51	ng/uL#	74
4) Benzaldehyde	6.97	77	242606	18.46	ng/ul	87
6) Phenol	7.02	94	397893	19.08	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.25	93	289974	18.52	ng/ul#	81
10) 2-Chlorophenol	7.38	128	257385	19.59	ng/ul#	80
11) 2-Methylphenol	8.26	108	284496	18.96	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.35	45	502255	19.21	ng/ul	95
14) Acetophenone	8.65	105	491488	19.00	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.63	70	313978	19.54	ng/ul#	86
16) 4-Methylphenol	8.59	108	324237	19.52	ng/ul	98
17) Hexachloroethane	8.89	117	120777	19.79	ng/ul	91
20) Nitrobenzene	9.03	77	433874	19.48	ng/ul#	87
21) Isophorone	9.55	82	751577	19.06	ng/ul#	94
23) 2-Nitrophenol	9.74	139	159943	20.36	ng/ul#	53
24) 2,4-Dimethylphenol	9.79	107	376345	19.26	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.03	93	439650	19.24	ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	286458	20.14	ng/ul	92
28) Naphthalene	10.67	128	865954	19.30	ng/ul	99
30) 4-Chloroaniline	10.79	127	363717	20.95	ng/ul	100
31) Hexachlorobutadiene	10.93	225	194384	19.57	ng/ul	96
32) Caprolactam	11.58	113	104362m	19.44	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	360423	20.34	ng/ul#	95
34) 2-Methylnaphthalene	12.28	142	660895	19.16	ng/ul	98

S.J 05/04/17

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	386992	20.62 ng/ul	96
37) Hexachlorocyclopentadiene	12.62	237	175922	17.55 ng/ul	95
38) 2,4,6-Trichlorophenol	12.89	196	258987	20.32 ng/ul	87
39) 2,4,5-Trichlorophenol	12.97	196	269554	20.51 ng/ul	94
40) 1,1'-Biphenyl	13.30	154	891317	19.59 ng/ul	96
41) 2-Chloronaphthalene	13.34	162	699421	19.98 ng/ul	96
42) 2-Nitroaniline	13.56	65	307658	20.63 ng/ul#	81
44) Dimethylphthalate	13.92	163	905587	19.02 ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	189711	19.84 ng/ul#	76
47) Acenaphthylene	14.19	152	1128256	19.71 ng/ul	98
48) 3-Nitroaniline	14.39	138	190907	20.22 ng/ul#	80
49) Acenaphthene	14.53	153	752679	19.34 ng/ul	97
50) 2,4-Dinitrophenol	14.60	184	103681	16.26 ng/ul#	76
52) 4-Nitrophenol	14.69	109	210368	19.77 ng/ul#	67
53) Dibenzofuran	14.87	168	1113900	19.54 ng/ul	92
54) 2,4-Dinitrotoluene	14.84	165	283251	19.65 ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.09	232	258284	20.27 ng/ul	95
56) Diethylphthalate	15.29	149	974588	18.77 ng/ul	97
58) Fluorene	15.52	166	938307	19.28 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	485919	19.27 ng/ul	91
60) 4-Nitroaniline	15.56	138	193724	17.58 ng/ul#	38
63) 4,6-Dinitro-2-methylphenol	15.61	198	175459	17.69 ng/ul#	84
64) N-Nitrosodiphenylamine	15.73	169	805864	19.27 ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	304580	19.57 ng/ul	89
66) Hexachlorobenzene	16.52	284	333303	19.56 ng/ul	93
67) Atrazine	16.68	200	310052	18.48 ng/ul	98
68) Pentachlorophenol	16.87	266	196053	18.68 ng/ul	89
69) Phenanthrene	17.26	178	1504475	19.20 ng/ul	99
71) Anthracene	17.35	178	1577063	19.24 ng/ul	98
72) Carbazole	17.63	167	1400494	18.99 ng/ul	98
73) Di-n-butylphthalate	18.17	149	1736274	19.33 ng/ul#	98
74) Fluoranthene	19.27	202	1901735	19.25 ng/ul#	91
77) Pyrene	19.64	202	2021969	19.60 ng/ul#	90
78) Butylbenzylphthalate	20.53	149	856843	20.03 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.32	252	602743	17.84 ng/ul	100
80) Benzo(a)anthracene	21.39	228	2082054	19.22 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	1298857	20.04 ng/ul	98
82) Chrysene	21.44	228	1873176	19.21 ng/ul	99
84) Di-n-octyl phthalate	22.19	149	2205479	20.28 ng/ul	93
85) Benzo(b)fluoranthene	23.01	252	1928053	19.95 ng/ul#	97
86) Benzo(k)fluoranthene	23.06	252	1826739	20.64 ng/ul#	98
88) Benzo(a)pyrene	23.61	252	1766846	19.65 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.06	276	1721459	17.68 ng/ul#	88
90) Dibenzo(a,h)anthracene	26.07	278	1463581	17.65 ng/ul#	95
91) Benzo(g,h,i)perylene	26.79	276	1353507	17.30 ng/ul#	93

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

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