Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG042717\
Data File : BG026735.D
Acq On : 28 Apr 2017 7:13
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 28 08:33:07 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 28 01:45:47 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02059

Manual Integrations APPROVED
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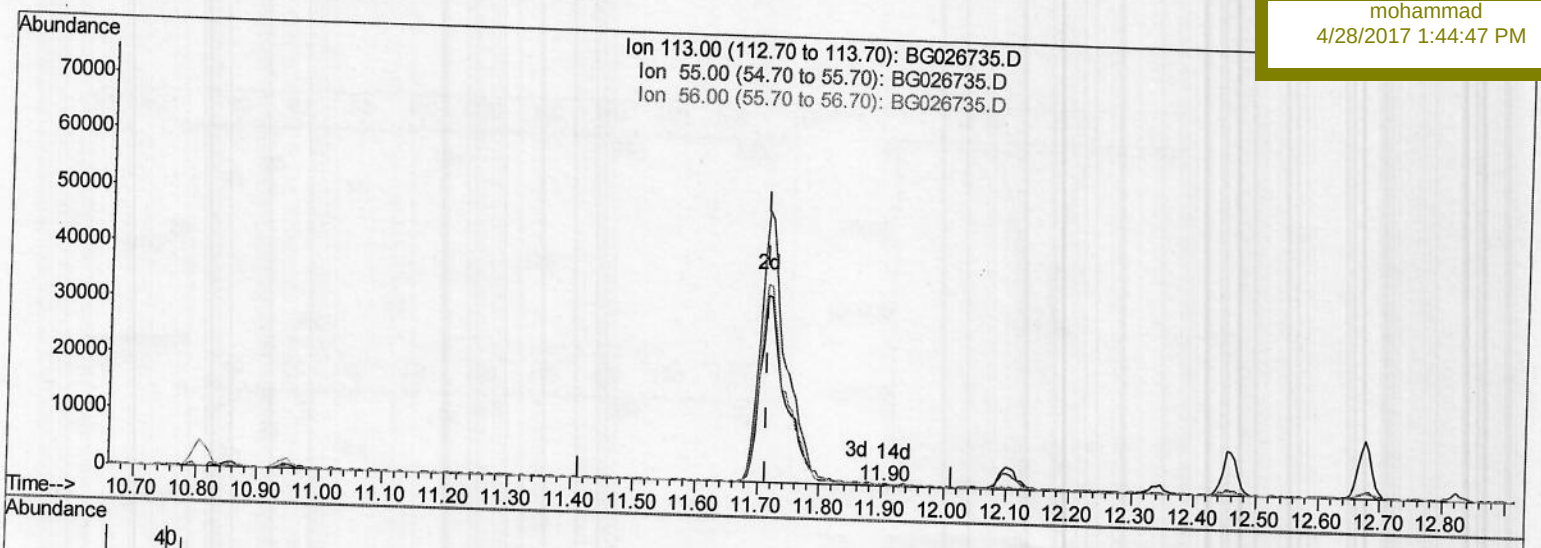
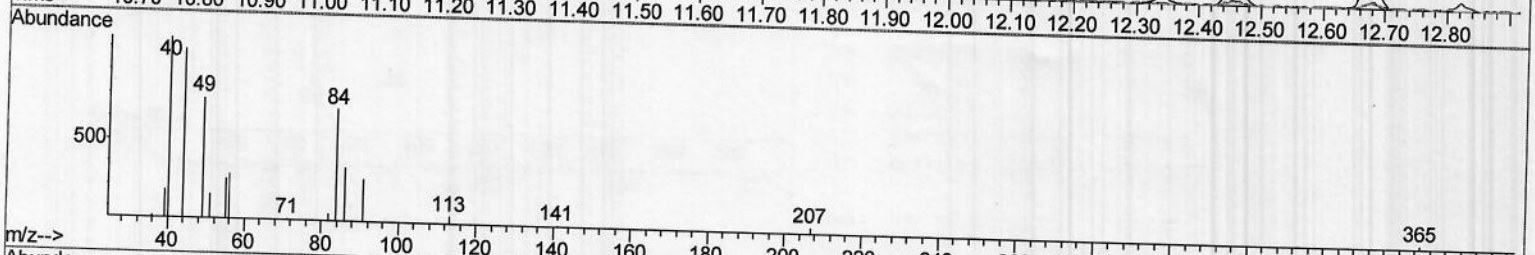
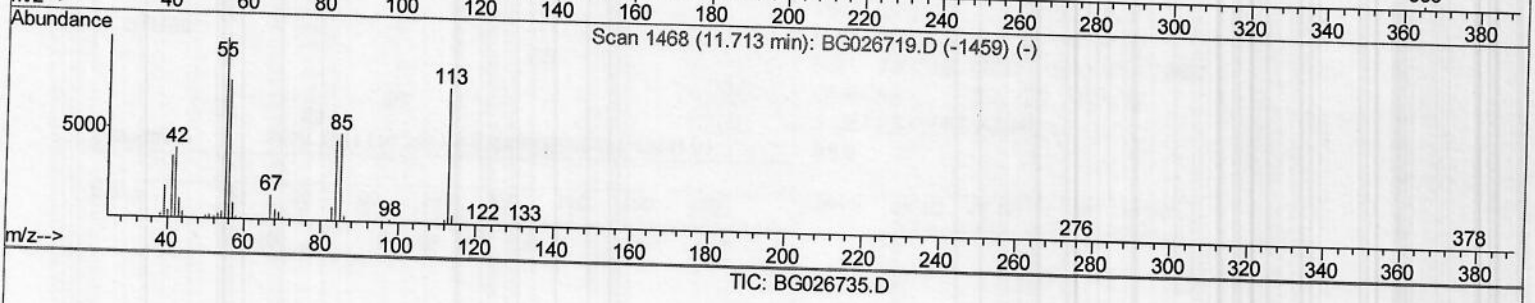
4/28/2017 1:44:47 PM







TIC: BG026735.D

(32) Caprolactam

11.900min (+0.187) 0.06ng/ul

response 249

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	178.07
56.00	160.60	190.37
0.00	0.00	0.00

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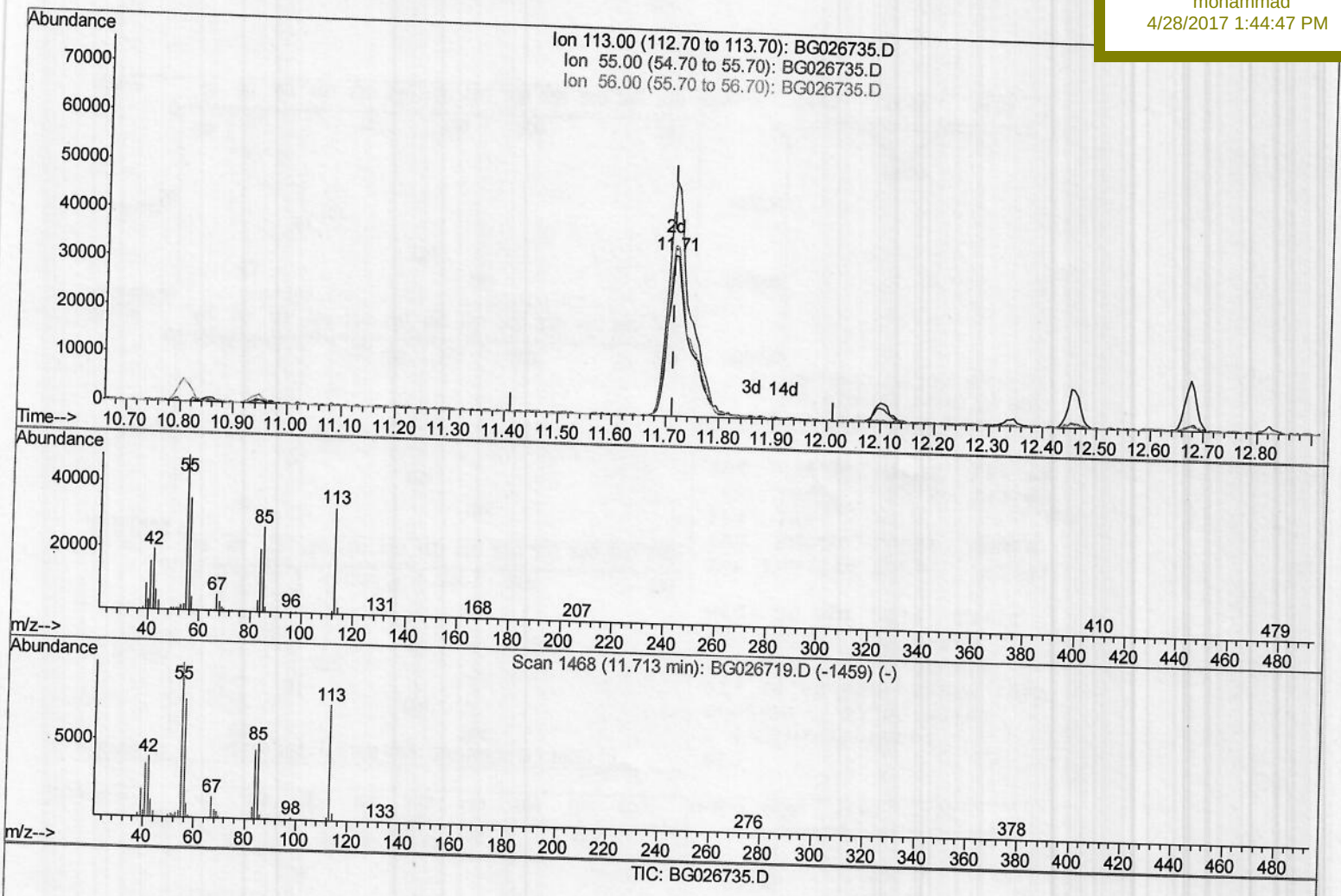

TIC: BG026735.D

(32) Caprolactam

11.712min (-0.001) 21.64ng/ul m

response 93471

S.J 05/04/17

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	145.31#
56.00	160.60	105.78#
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	8.00	152	162909	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	802317	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	455172	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.36	188	900424	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	812633	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	846452	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	28686	7.93	ng/uL	0.00
5) Phenol-d5	7.19	99	314283	21.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	175088	20.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	255883	20.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	263385	21.83	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	130906	19.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	150365	20.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	244644	21.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	336189	21.67	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	717712	19.59	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	924536	20.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	128186	19.41	ng/ul	0.00
57) Fluorene-d10	15.61	176	627412	19.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	107996	19.75	ng/ul	0.00
70) Anthracene-d10	17.45	188	871521	19.94	ng/ul	0.00
76) Pyrene-d10	19.73	212	829536	19.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	805904	20.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	30065	7.28	ng/uL#	86
4) Benzaldehyde	7.14	77	119835	17.05	ng/ul#	67
6) Phenol	7.22	94	320901	21.78	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.42	93	233346	20.51	ng/ul	85
10) 2-Chlorophenol	7.58	128	244008	20.09	ng/ul#	80
11) 2-Methylphenol	8.46	108	251276	21.54	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.54	45	247350	20.83	ng/ul#	86
14) Acetophenone	8.83	105	365355	20.61	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.80	70	176159	20.15	ng/ul#	70
16) 4-Methylphenol	8.79	108	279284	21.89	ng/ul	96
17) Hexachloroethane	9.09	117	90464	19.80	ng/ul#	74
20) Nitrobenzene	9.21	77	253841	19.62	ng/ul#	72
21) Isophorone	9.73	82	491169	19.77	ng/ul#	90
23) 2-Nitrophenol	9.92	139	153094	19.97	ng/ul#	58
24) 2,4-Dimethylphenol	9.99	107	291398	20.84	ng/ul#	81
25) Bis(2-Chloroethoxy)methane	10.21	93	329659	19.43	ng/ul#	91
27) 2,4-Dichlorophenol	10.47	162	239118	20.69	ng/ul	97
28) Naphthalene	10.86	128	817353	19.57	ng/ul	98
30) 4-Chloroaniline	10.97	127	312280	21.34	ng/ul	94
31) Hexachlorobutadiene	11.14	225	111854	19.13	ng/ul	93
32) Caprolactam	11.71	113	93471m	21.64	ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	280132	22.35	ng/ul	85
34) 2-Methylnaphthalene	12.46	142	622839	20.10	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.83	216	231804	19.31 ng/ul	94
37) Hexachlorocyclopentadiene	12.81	237	83478	15.79 ng/ul	99
38) 2,4,6-Trichlorophenol	13.07	196	175431	21.25 ng/ul	96
39) 2,4,5-Trichlorophenol	13.15	196	179301	21.01 ng/ul	92
40) 1,1'-Biphenyl	13.46	154	754284	19.71 ng/ul	96
41) 2-Chloronaphthalene	13.50	162	566416	19.69 ng/ul	97
42) 2-Nitroaniline	13.70	65	173258	21.08 ng/ul#	71
44) Dimethylphthalate	14.07	163	697413	19.45 ng/ul	98
45) 2,6-Dinitrotoluene	14.19	165	153554	20.29 ng/ul#	84
47) Acenaphthylene	14.34	152	936574	19.98 ng/ul	99
48) 3-Nitroaniline	14.53	138	165113	20.73 ng/ul	82
49) Acenaphthene	14.69	153	641561	19.67 ng/ul	96
50) 2,4-Dinitrophenol	14.74	184	65376	16.89 ng/ul#	68
52) 4-Nitrophenol	14.86	109	76560	19.77 ng/ul#	41
53) Dibenzofuran	15.01	168	863215	19.89 ng/ul	94
54) 2,4-Dinitrotoluene	14.98	165	214976	19.85 ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.25	232	137457	20.50 ng/ul#	79
56) Diethylphthalate	15.43	149	740935	19.74 ng/ul	98
58) Fluorene	15.67	166	693353	19.57 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	304549	19.72 ng/ul	92
60) 4-Nitroaniline	15.68	138	153707	17.51 ng/ul#	53
63) 4,6-Dinitro-2-methylphenol	15.74	198	112894	19.83 ng/ul#	94
64) N-Nitrosodiphenylamine	15.87	169	600790	20.30 ng/ul	96
65) 4-Bromophenyl-phenylether	16.54	248	179223	19.95 ng/ul#	82
66) Hexachlorobenzene	16.67	284	188355	19.47 ng/ul#	91
67) Atrazine	16.81	200	193548	20.93 ng/ul#	91
68) Pentachlorophenol	17.02	266	86399	19.55 ng/ul	90
69) Phenanthrene	17.40	178	1006637	19.85 ng/ul	99
71) Anthracene	17.49	178	1049783	20.17 ng/ul	98
72) Carbazole	17.76	167	959030	21.79 ng/ul	97
73) Di-n-butylphthalate	18.30	149	1214615	21.22 ng/ul#	97
74) Fluoranthene	19.40	202	1033311	21.94 ng/ul#	80
77) Pyrene	19.76	202	1056413	19.38 ng/ul#	77
78) Butylbenzylphthalate	20.64	149	556859	21.99 ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.49	252	341365	21.85 ng/ul#	94
80) Benzo(a)anthracene	21.58	228	962046	20.24 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.48	149	814079	22.53 ng/ul#	98
82) Chrysene	21.65	228	879415	19.92 ng/ul	98
84) Di-n-octyl phthalate	22.66	149	1384728	23.81 ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	976937	20.20 ng/ul#	93
86) Benzo(k)fluoranthene	23.82	252	937436	19.72 ng/ul#	94
88) Benzo(a)pyrene	24.61	252	949001	19.94 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.36	276	1129015	20.01 ng/ul#	84
90) Dibenzo(a,h)anthracene	28.41	278	950830	19.87 ng/ul#	90
91) Benzo(g,h,i)perylene	29.49	276	931021	19.89 ng/ul#	78

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

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