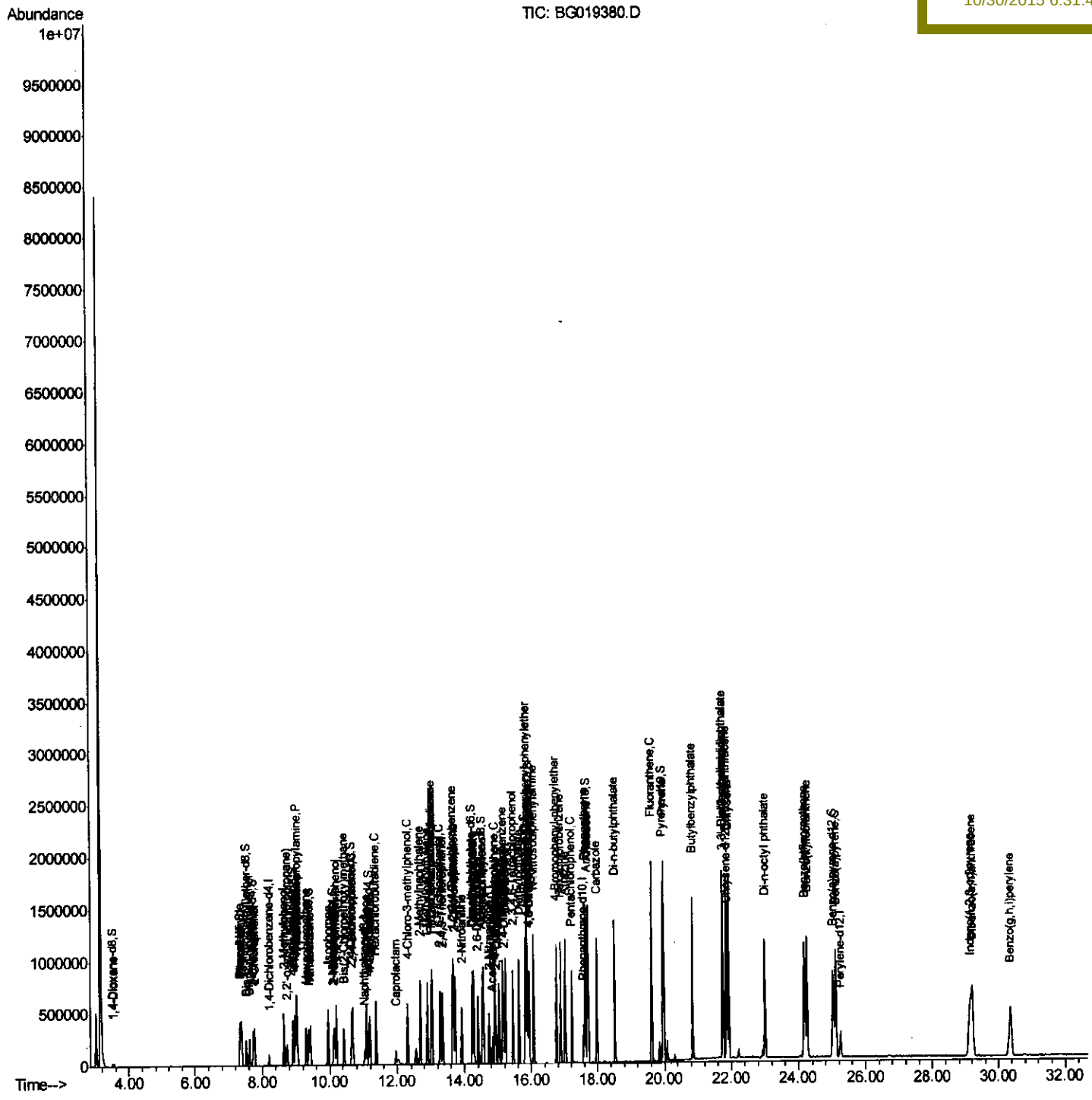
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019380.D
Acq On : 28 Oct 2015 13:58
Operator : UM/NP
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 28 15:35:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 28 15:07:45 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD08014

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:31:42 PM



Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019380.D
Acq On : 28 Oct 2015 13:58
Operator : UM/NP
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 28 15:35:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 28 15:07:45 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Instrument :
BNA_G
ClientSampleId :
SSTD08014

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:31:42 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019380.D
Acq On : 28 Oct 2015 13:58
Operator : UM/NP
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 28 15:35:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 28 15:07:45 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD08014

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:31:42 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	312684	76.47 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	279704	79.25 ng/ul	97
38) Hexachlorocyclopentadiene	13.01	237	210537	82.29 ng/ul	100
39) 2,4,6-Trichlorophenol	13.27	196	169102	81.51 ng/ul	94
40) 2,4,5-Trichlorophenol	13.35	196	176399	76.51 ng/ul	96
41) 1,1'-Biphenyl	13.67	154	467572	76.76 ng/ul#	96
42) 2-Chloronaphthalene	13.72	162	368529	77.77 ng/ul	98
43) 2-Nitroaniline	13.92	65	162017	80.48 ng/ul	97
45) Dimethylphthalate	14.28	163	542274	74.14 ng/ul	98
46) 2,6-Dinitrotoluene	14.41	165	117441	80.63 ng/ul	96
48) Acenaphthylene	14.57	152	611981	75.72 ng/ul	99
49) 3-Nitroaniline	14.73	138	93873	71.23 ng/ul	95
50) Acenaphthene	14.90	153	412893	75.64 ng/ul	97
51) 2,4-Dinitrophenol	14.94	184	92343	88.68 ng/ul	94
53) 4-Nitrophenol	15.04	109	139509	79.13 ng/ul#	85
54) Dibenzofuran	15.23	168	604080	75.03 ng/ul	94
55) 2,4-Dinitrotoluene	15.19	165	176332	75.72 ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	15.45	232	190863	79.85 ng/ul#	97
57) Diethylphthalate	15.64	149	537052	74.43 ng/ul	99
59) Fluorene	15.88	166	531719	75.86 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.86	204	320060	77.08 ng/ul	97
61) 4-Nitroaniline	15.90	138	109649	74.41 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.95	198	136137	85.82 ng/ul#	97
65) N-Nitrosodiphenylamine	16.08	169	475832	78.46 ng/ul	98
66) 4-Bromophenyl-phenylether	16.76	248	222980	80.41 ng/ul	93
67) Hexachlorobenzene	16.88	284	239263	81.53 ng/ul	95
68) Atrazine	17.02	200	242871	80.47 ng/ul	99
69) Pentachlorophenol	17.22	266	150589	93.48 ng/ul	98
70) Phenanthrene	17.62	178	897567	75.23 ng/ul	95
72) Anthracene	17.71	178	912971	75.04 ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	275926	81.93 ng/uL	99
74) Pentachlorobenzene	15.15	250	274886	80.72 ng/uL	94
75) Carbazole	17.98	167	761157	77.49 ng/ul	95
76) Di-n-butylphthalate	18.52	149	887129	73.42 ng/ul	97
77) Fluoranthene	19.62	202	1193193	74.43 ng/ul#	96
80) Pyrene	19.98	202	1203442	72.63 ng/ul#	93
81) Butylbenzylphthalate	20.85	149	408031	76.53 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.75	252	430943	72.32 ng/ul#	93
83) Benzo(a)anthracene	21.85	228	1260064	73.43 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.73	149	582574	76.98 ng/ul	99
85) Chrysene	21.92	228	1185420	73.69 ng/ul	99
87) Di-n-octyl phthalate	23.00	149	974364	76.47 ng/ul	100
88) Benzo(b)fluoranthene	24.17	252	1250664	76.68 ng/ul#	97
89) Benzo(k)fluoranthene	24.25	252	1188973	75.52 ng/ul	98
91) Benzo(a)pyrene	25.10	252	1185510	75.42 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	29.14	276	1365025	77.49 ng/ul	95
93) Dibenzo(a,h)anthracene	29.21	278	1124338	76.20 ng/ul	97
94) Benzo(g,h,i)perylene	30.37	276	1115898	85.05 ng/ul#	95

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019380.D
Acq On : 28 Oct 2015 13:58
Operator : UM/NP
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 28 15:35:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 28 15:07:45 2015
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD08014

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:31:42 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	26223	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	106537	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	85469	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	233570	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	289809	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	274248	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	15940	71.18	ng/uL	0.00
5) Phenol-d5	7.36	99	193214	81.84	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.52	67	122618	80.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	122302	81.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	156255	83.53	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	62868	80.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	76029	82.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	167553	83.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	157956	71.03	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	545146	76.73	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	609747	77.68	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	89594	80.19	ng/ul	0.01
58) Fluorene-d10	15.82	176	488938	73.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	127256	88.11	ng/ul	0.00
71) Anthracene-d10	17.68	188	811562	75.33	ng/ul	0.00
79) Pyrene-d10	19.95	212	957820	74.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.02	264	1062556	76.54	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	18910	74.85	ng/uL#	87
4) Benzaldehyde	7.33	77	119448	62.61	ng/ul	97
6) Phenol	7.38	94	207071	82.07	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.62	93	138269	78.02	ng/ul	94
10) 2-Chlorophenol	7.77	128	125064	81.07	ng/ul	97
11) 2-Methylphenol	8.64	108	149650	79.47	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.74	45	112198	79.30	ng/ul	99
14) Acetophenone	9.04	105	252699	78.26	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.02	70	163904	77.13	ng/ul#	89
16) 4-Methylphenol	8.98	108	170033	83.97	ng/ul	99
17) Hexachloroethane	9.30	117	61012	74.46	ng/ul	93
20) Nitrobenzene	9.42	77	241128	78.46	ng/ul	98
21) Isophorone	9.95	82	439997	79.17	ng/ul	98
23) 2-Nitrophenol	10.14	139	82329	77.51	ng/ul#	88
24) 2,4-Dimethylphenol	10.19	107	217867	78.77	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.42	93	208679	79.37	ng/ul	99
27) 2,4-Dichlorophenol	10.68	162	155376	80.80	ng/ul#	90
28) Naphthalene	11.09	128	425142	79.69	ng/ul	95
30) 4-Chloroaniline	11.19	127	164874	70.62	ng/ul	100
31) Hexachlorobutadiene	11.36	225	151864	76.43	ng/ul	93
32) Caprolactam	11.96	113	54022m	75.65	ng/ul	
33) 4-Chloro-3-methylphenol	12.30	107	206850	79.96	ng/ul#	96
34) 2-Methylnaphthalene	12.68	142	335046	77.78	ng/ul	99

U.M
10/29/15

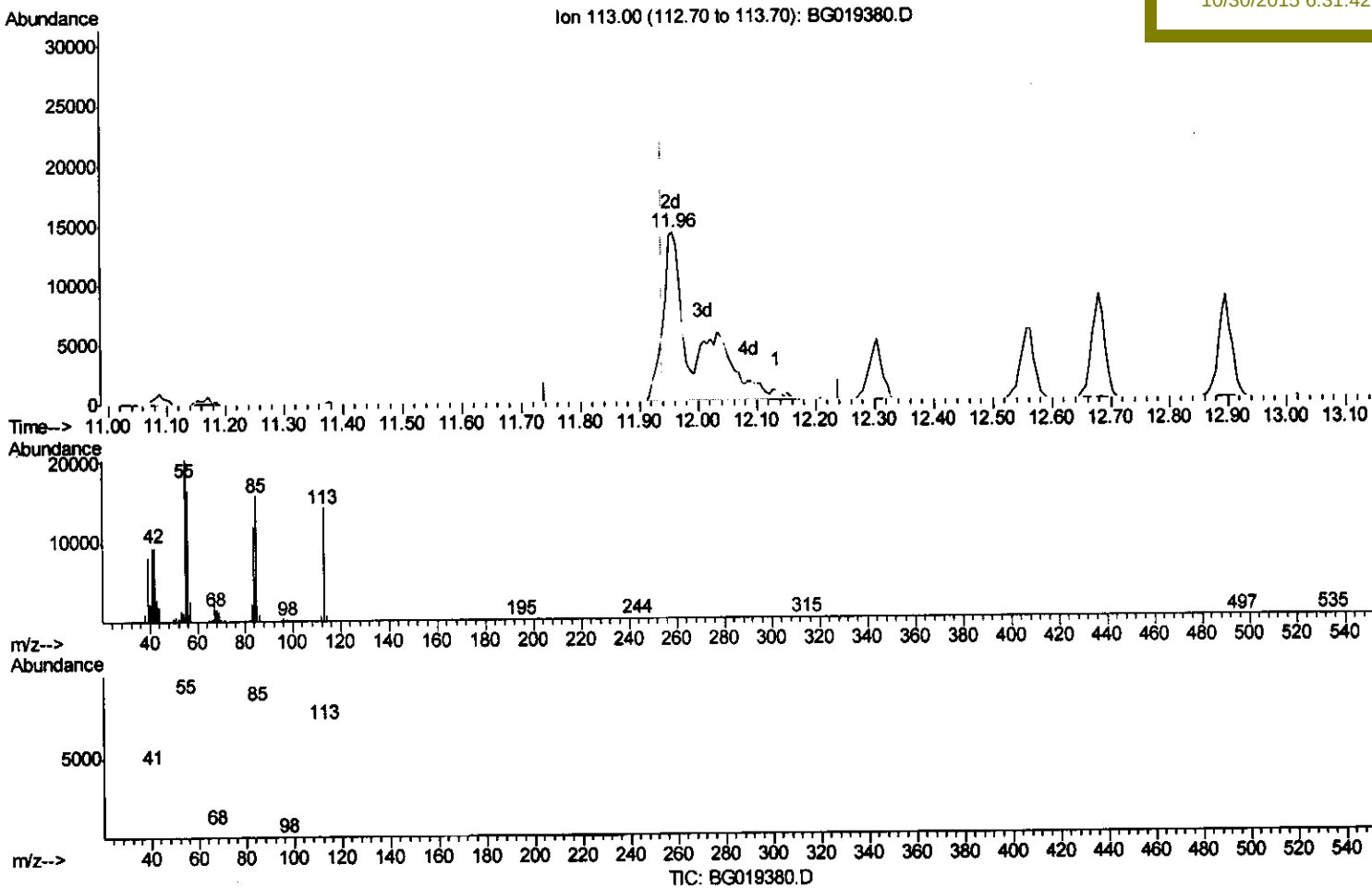
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019380.D
Acq On : 28 Oct 2015 13:58
Operator : UM/NP
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 28 15:34:08 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 28 15:07:45 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD08014

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:31:42 PM



(32) Caprolactam

11.957min (+0.018) 75.65ng/ul m

response 54022

Ion	Exp%	Act%
113.00	100	100
55.00	116.40	142.73#
56.00	99.90	116.07
0.00	0.00	0.00

UM
10/29/15

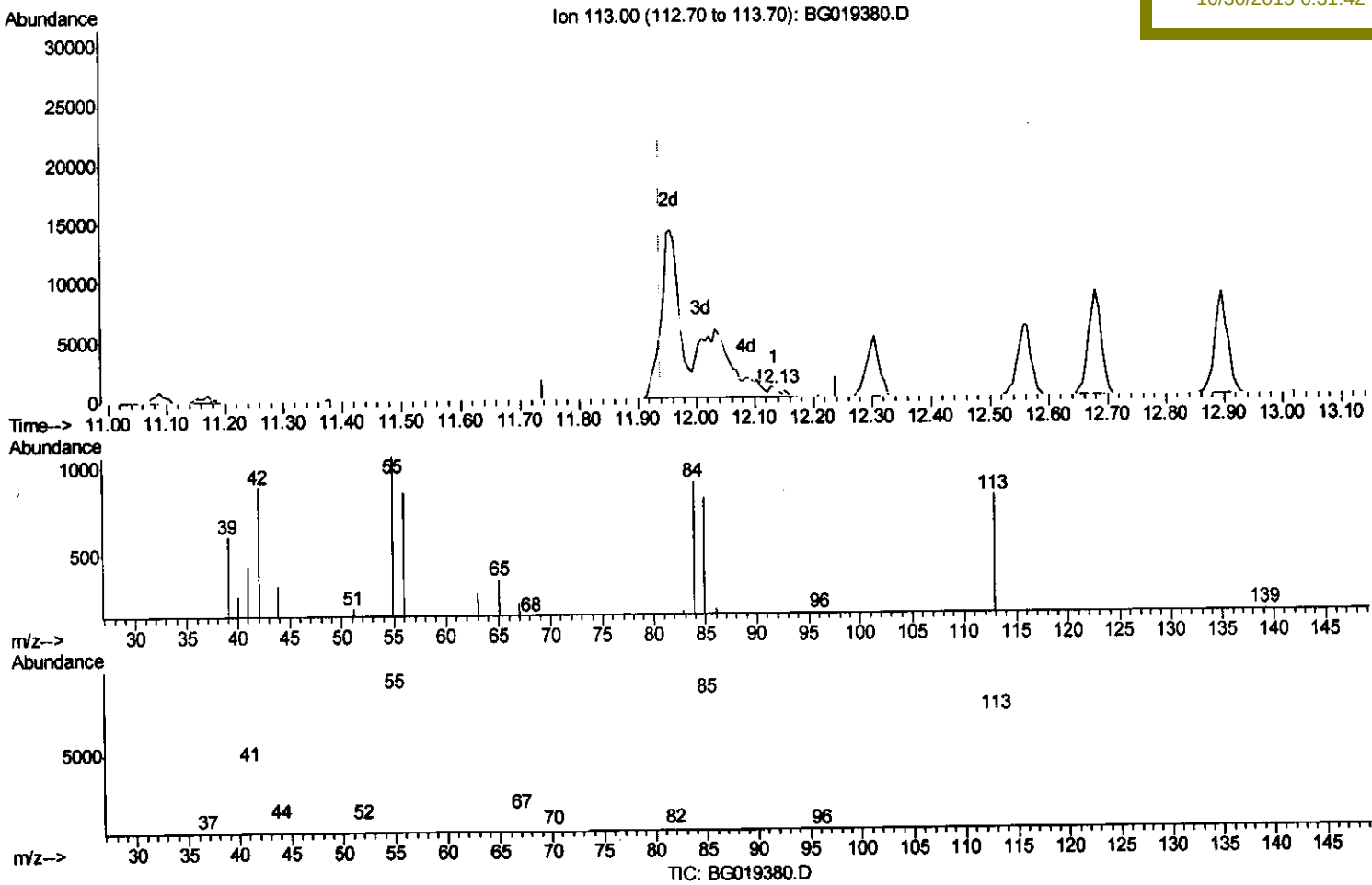
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG102815\
Data File : BG019380.D
Acq On : 28 Oct 2015 13:58
Operator : UM/NP
Sample : SSTD08014
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 28 15:34:08 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 28 15:07:45 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD08014

Manual Integrations APPROVED
Mmdadoda
10/30/2015 6:31:42 PM



(32) Caprolactam

12.133min (+0.195) 0.73ng/ul

response 522

Ion	Exp%	Act%
113.00	100	100
55.00	116.40	129.88
56.00	99.90	104.63
0.00	0.00	0.00