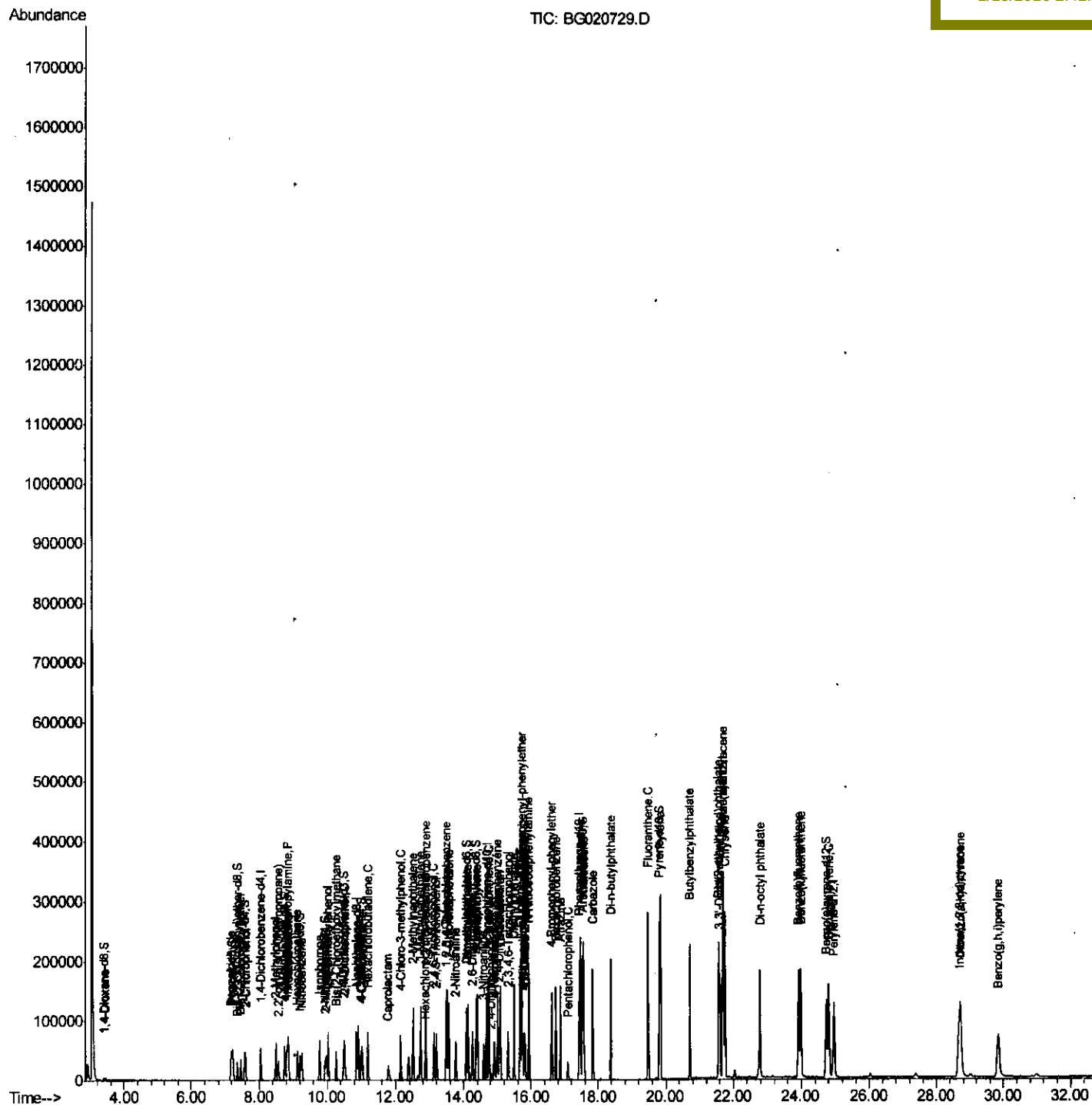


†

Quant Time: Jan 14 23:46:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration

Manual Integrations APPROVED

mohammad
1/15/2016 2:42:59 PM



Quantitation Report (Qedit)

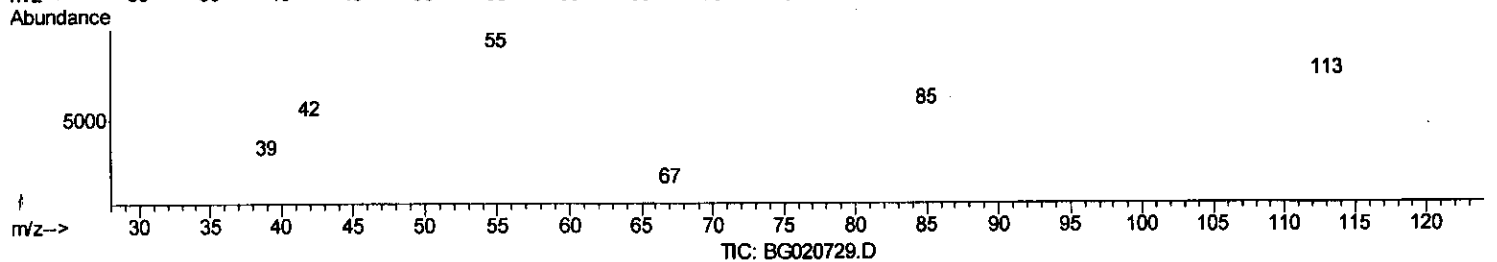
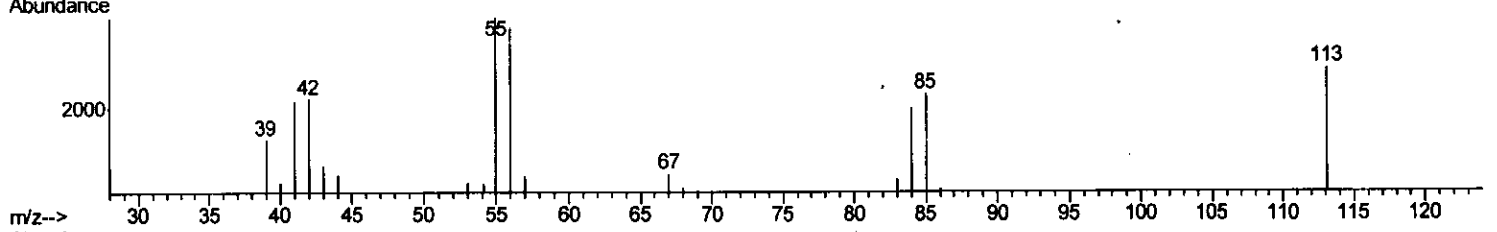
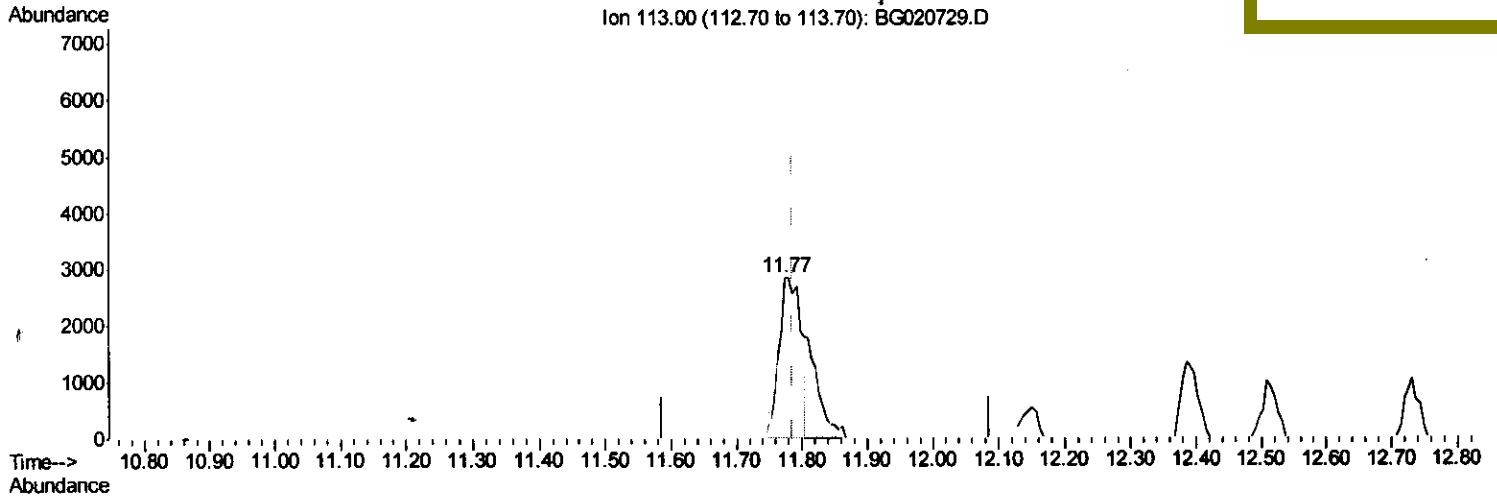
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011416\
 Data File : BG020729.D
 Acq On : 14 Jan 2016 18:10
 Operator : SJ/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02028

Quant Time: Jan 14 23:42:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 1/15/2016 2:42:59 PM



(32) Caprolactam

11.774min (-0.012) 14.59ng/ul

response 6624

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	138.67
56.00	115.90	130.86
0.00	0.00	0.00

Quantitation Report (Qedit)

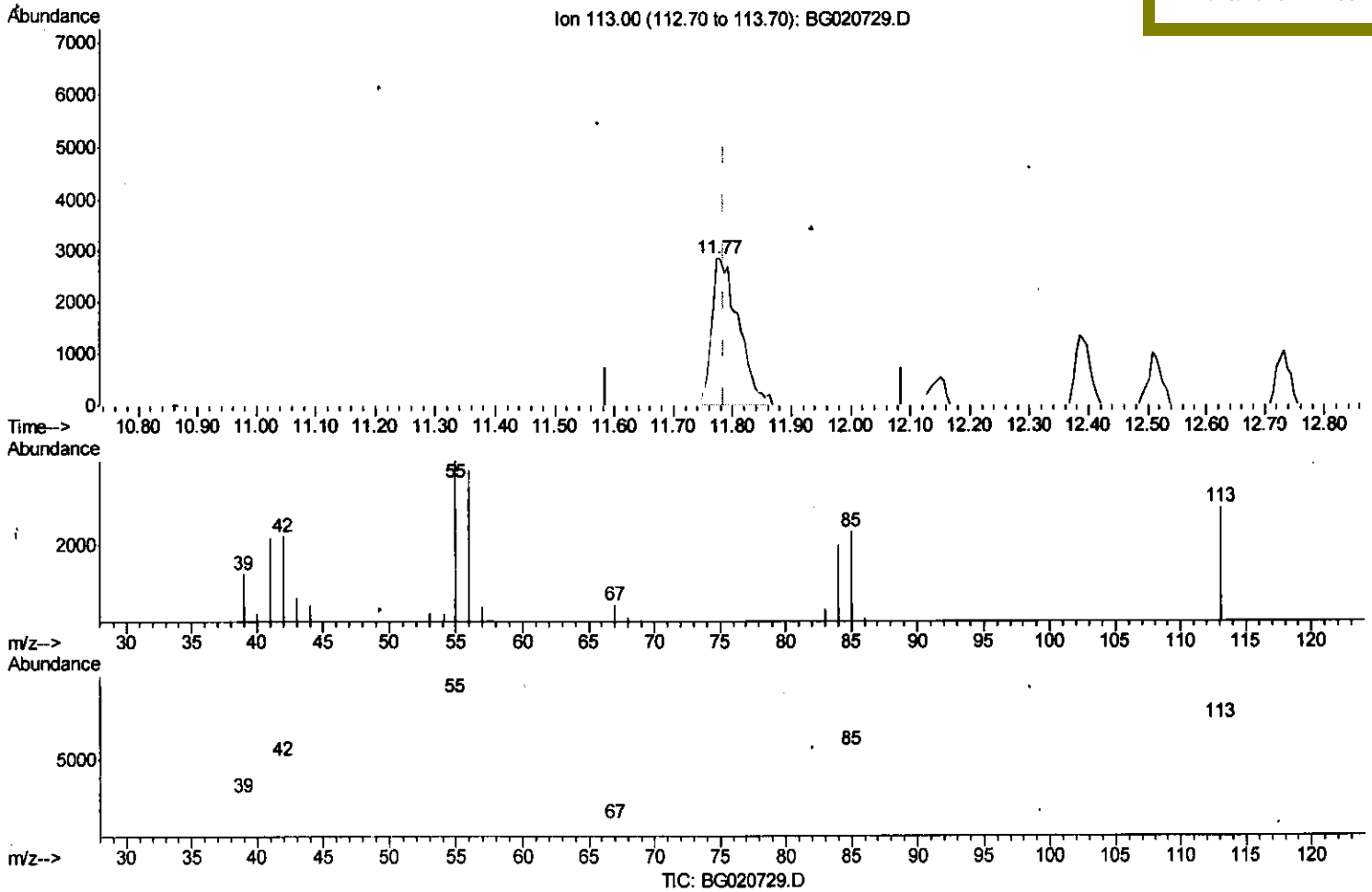
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011416\
 Data File : BG020729.D
 Acq On : 14 Jan 2016 18:10
 Operator : SJ/IJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02028

Quant Time: Jan 14 23:42:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 1/15/2016 2:42:59 PM



(32) Caprolactam

11.774min (-0.012) 20.02ng/ul m

response 9089

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	138.67
56.00	115.90	130.86
0.00	0.00	0.00

S.J
 1/16/16

Quantitation Report (Qedit)

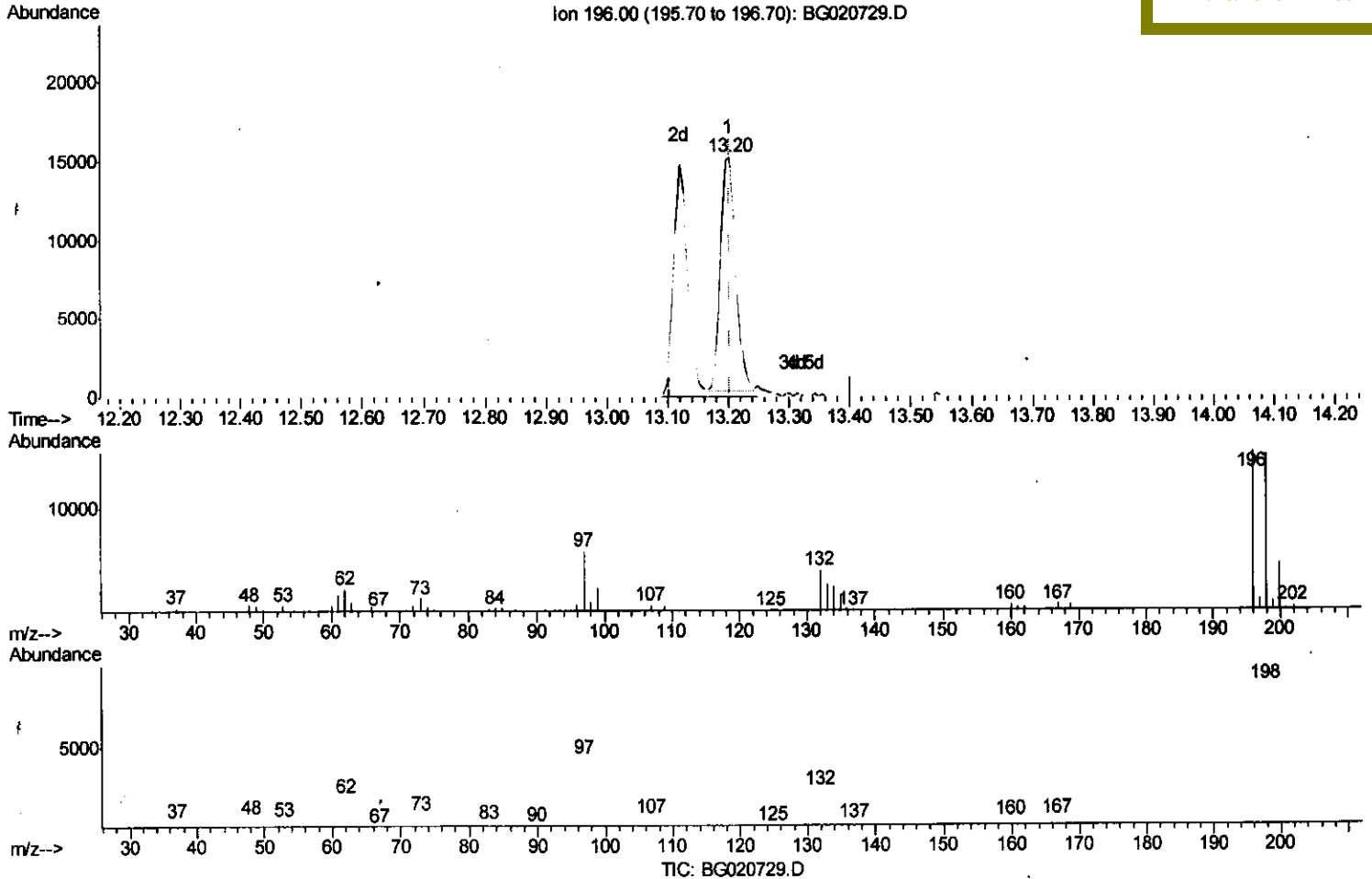
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011416\
 Data File : BG020729.D
 Acq On : 14 Jan 2016 18:10
 Operator : SJ/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 14 23:42:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Instrument :
 BNA_G
 LabSampleId :
 SSTD02028

Manual Integrations
 APPROVED

mohammad
 1/15/2016 2:42:59 PM



(40) 2,4,5-Trichlorophenol

13.201min (-0.001) 19.76ng/ul

response 25381

Ion	Exp%	Act%
196.00	100	100
198.00	93.40	97.91
200.00	31.70	29.85
0.00	0.00	0.00

Quantitation Report (Qedit)

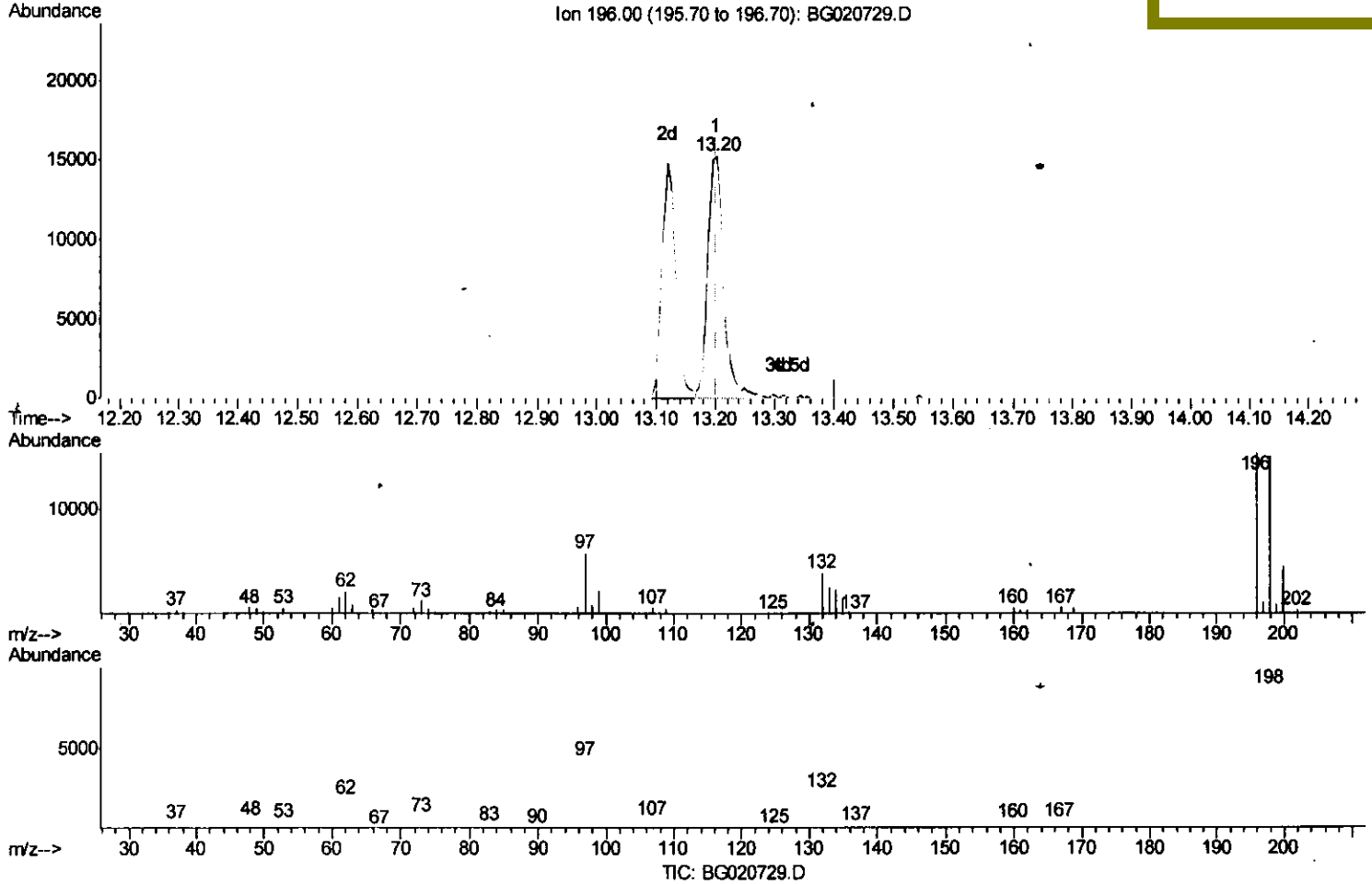
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011416\
 Data File : BG020729.D
 Acq On : 14 Jan 2016 18:10
 Operator : SJ/IJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02028

Quant Time: Jan 14 23:42:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 1/15/2016 2:42:59 PM



(40) 2,4,5-Trichlorophenol

13.201min (-0.001) 21.92ng/ul m

response 28164

Ion	Exp%	Act%
196.00	100	100
198.00	93.40	97.91
200.00	31.70	29.85
0.00	0.00	0.00

S.J
 1/16/16

Quantitation Report (Qedit)

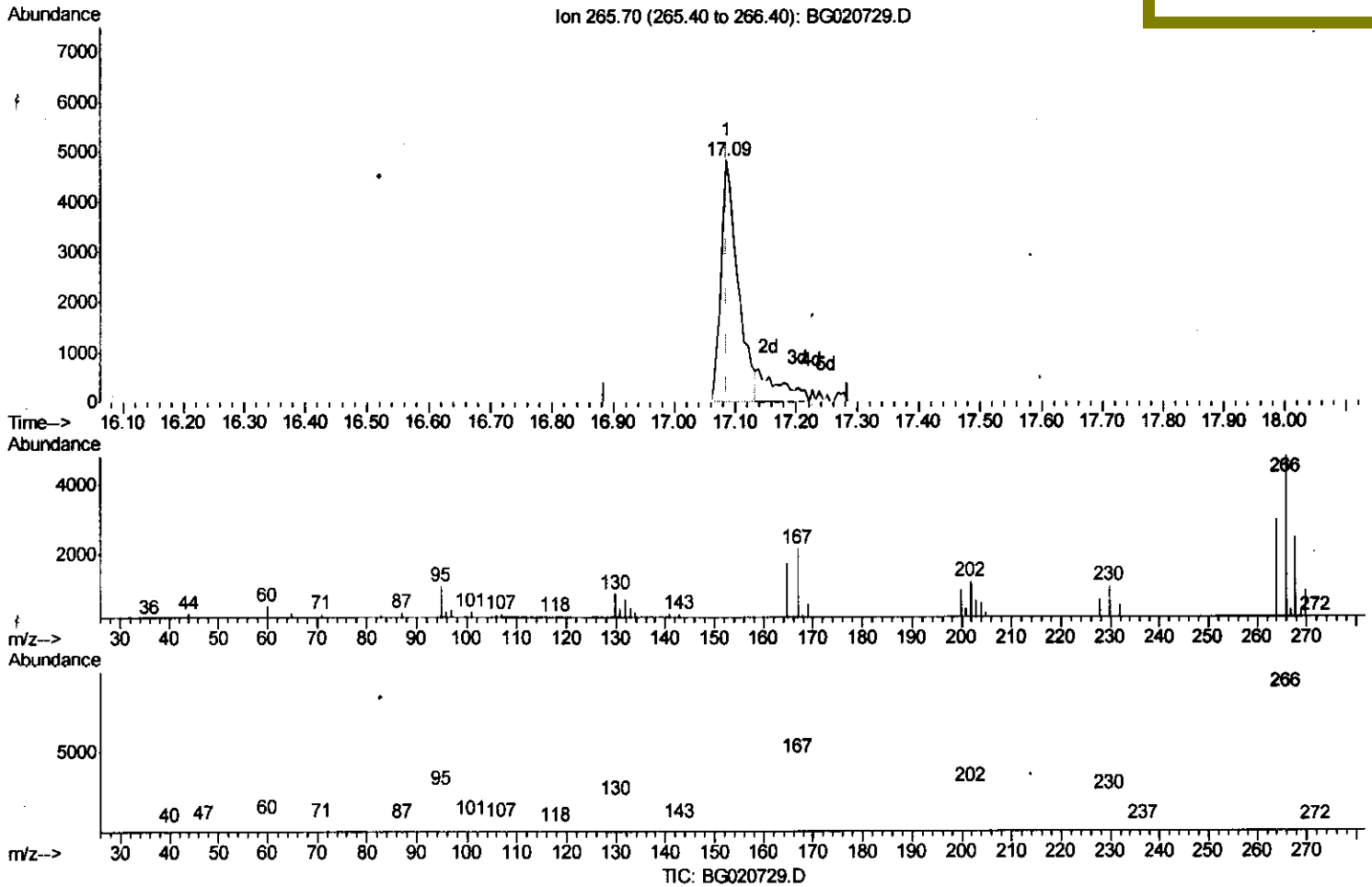
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011416\
 Data File : BG020729.D
 Acq On : 14 Jan 2016 18:10
 Operator : SJ/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02028

Quant Time: Jan 14 23:42:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 1/15/2016 2:42:59 PM



(69) Pentachlorophenol (C)

17.085min (-0.001) 18.43ng/ul

response 9417

Ion	Exp%	Act%
265.70	100	100
264.00	60.30	61.64
268.00	65.40	50.92#
0.00	0.00	0.00

Quantitation Report (Qedit)

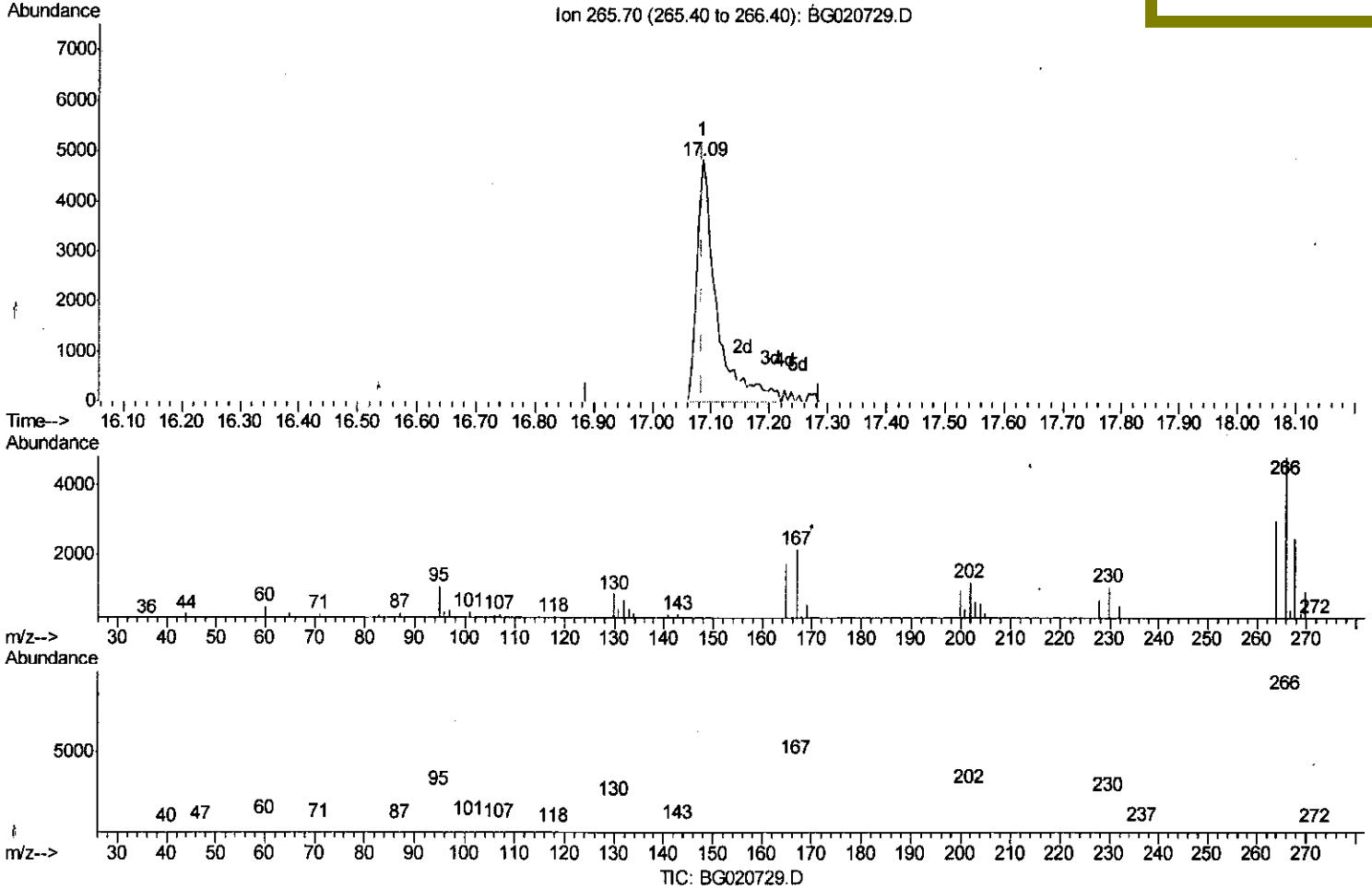
Data Path : Z:\HPCHEM1\BNA_G\Data\BG011416\
 Data File : BG020729.D
 Acq On : 14 Jan 2016 18:10
 Operator : SJ/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02028

Manual Integrations
 APPROVED

mohammad
 1/15/2016 2:42:59 PM

Quant Time: Jan 14 23:42:36 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration



(69) Pentachlorophenol (C)

17.085min (-0.001) 21.82ng/ul m

response 11152

Ion	Exp%	Act%
265.70	100	100
264.00	60.30	61.64
268.00	65.40	50.92#
0.00	0.00	0.00

S.J
 1/16/16

Data Path : Z:\HPCHEM1\BNA_G\Data\BG011416\
 Data File : BG020729.D
 Acq On : 14 Jan 2016 18:10
 Operator : SJ/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02028

Quant Time: Jan 14 23:46:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 1/15/2016 2:42:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	17025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	71833	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	52464	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	133527	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	158622	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	146535	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	2380	6.83	ng/uL	0.00
5) Phenol-d5	7.20	99	27463	18.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	16831	19.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	22838	19.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	23578	19.16	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	11423	20.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	13207	20.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	25463	20.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	25984	20.94	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	84985	18.56	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	102265	19.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	11405	18.55	ng/ul	0.00
58) Fluorene-d10	15.67	176	80699	19.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	13802	19.01	ng/ul	0.00
71) Anthracene-d10	17.53	188	132429	20.23	ng/ul	0.00
79) Pyrene-d10	19.81	212	149023	19.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	156926	20.09	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.44	88	3034	7.20	ng/uL# 80
4) Benzaldehyde	7.18	77	19250	19.28	ng/ul 90
6) Phenol	7.23	94	29873	19.04	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.46	93	22383	19.39	ng/ul 97
10) 2-Chlorophenol	7.61	128	23964	19.97	ng/ul 96
11) 2-Methylphenol	8.49	108	23232	19.23	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.58	45	29038	19.41	ng/ul 98
14) Acetophenone	8.87	105	37880	18.66	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.85	70	19812	19.24	ng/ul 98
16) 4-Methylphenol	8.82	108	25741	19.22	ng/ul 93
17) Hexachloroethane	9.12	117	9817	19.25	ng/ul 92
20) Nitrobenzene	9.26	77	30111	20.43	ng/ul 95
21) Isophorone	9.78	82	53865	18.69	ng/ul 99
23) 2-Nitrophenol	9.98	139	14426	19.74	ng/ul 95
24) 2,4-Dimethylphenol	10.02	107	30394	19.80	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.26	93	30791	19.08	ng/ul 93
27) 2,4-Dichlorophenol	10.51	162	26739	20.10	ng/ul 99
28) Naphthalene	10.91	128	79485	19.58	ng/ul 99
30) 4-Chloroaniline	11.02	127	27397	20.55	ng/ul 93
31) Hexachlorobutadiene	11.19	225	21275	18.82	ng/ul 97
32) Caprolactam	11.77	113	9089m	20.02	ng/ul 97
33) 4-Chloro-3-methylphenol	12.14	107	29053	20.23	ng/ul 98
34) 2-Methylnaphthalene	12.51	142	60030	19.82	ng/ul 97

SJ
 1/16/16

Data Path : Z:\HPCHEM1\BNA_G\Data\BG011416\
 Data File : BG020729.D
 Acq On : 14 Jan 2016 18:10
 Operator : SJ/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02028

Quant Time: Jan 14 23:46:16 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 1/15/2016 2:42:59 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	56328	19.71	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	42234	19.69	ng/ul	99
38) Hexachlorocyclopentadiene	12.85	237	1188	2.58	ng/ul#	75
39) 2,4,6-Trichlorophenol	13.12	196	24118	20.61	ng/ul	97
40) 2,4,5-Trichlorophenol	13.20	196	28164m	21.92	ng/ul	98
41) 1,1'-Biphenyl	13.51	154	83272	19.84	ng/ul	98
42) 2-Chloronaphthalene	13.56	162	67960	19.88	ng/ul	98
43) 2-Nitroaniline	13.77	65	20707	21.05	ng/ul	89
45) Dimethylphthalate	14.13	163	88146	17.92	ng/ul#	99
46) 2,6-Dinitrotoluene	14.26	165	19566	20.31	ng/ul	91
48) Acenaphthylene	14.41	152	107799	19.87	ng/ul	99
49) 3-Nitroaniline	14.59	138	17615	20.63	ng/ul	98
50) Acenaphthene	14.75	153	73507	19.63	ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	4577	18.30	ng/ul	89
53) 4-Nitrophenol	14.91	109	10585	18.65	ng/ul	92
54) Dibenzofuran	15.08	168	112432	19.95	ng/ul	98
55) 2,4-Dinitrotoluene	15.05	165	28103	19.39	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.31	232	22676	19.82	ng/ul#	94
57) Diethylphthalate	15.49	149	91277	18.28	ng/ul	99
59) Fluorene	15.73	166	90657	19.72	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.72	204	52041	19.49	ng/ul	98
61) 4-Nitroaniline	15.76	138	19945	20.18	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.82	198	15311	19.60	ng/ul	94
65) N-Nitrosodiphenylamine	15.93	169	80042	20.69	ng/ul	97
66) 4-Bromophenyl-phenylether	16.61	248	34112	20.20	ng/ul	98
67) Hexachlorobenzene	16.74	284	37955	20.28	ng/ul	99
68) Atrazine	16.87	200	33483	19.51	ng/ul	97
69) Pentachlorophenol	17.09	266	11152m	21.82	ng/ul	99
70) Phenanthrene	17.47	178	159328	20.05	ng/ul	99
72) Anthracene	17.56	178	159127	19.84	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	40689	21.18	ng/uL	95
74) Pentachlorobenzene	15.00	250	42815	21.40	ng/uL	98
75) Carbazole	17.83	167	133933	20.38	ng/ul	98
76) Di-n-butylphthalate	18.37	149	158706	19.74	ng/ul	99
77) Fluoranthene	19.48	202	193399	20.03	ng/ul	99
80) Pyrene	19.84	202	201726	20.06	ng/ul	99
81) Butylbenzylphthalate	20.71	149	70582	20.88	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.59	252	67574	21.59	ng/ul	99
83) Benzo(a)anthracene	21.68	228	198670	20.08	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	100566	20.17	ng/ul	100
85) Chrysene	21.75	228	185737	19.85	ng/ul	98
87) Di-n-octyl phthalate	22.78	149	175650	21.16	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	185153	19.61	ng/ul	97
89) Benzo(k)fluoranthene	23.98	252	189828	20.36	ng/ul	99
91) Benzo(a)pyrene	24.80	252	180767	19.90	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.68	276	213922	19.96	ng/ul	99
93) Dibenzo(a,h)anthracene	28.72	278	181188	20.53	ng/ul	100
94) Benzo(g,h,i)perylene	29.85	276	173603	19.63	ng/ul	98

S.J
 1/16/16

S.J
 1/16/16

Data Path : Z:\HPCHEM1\BNA_G\Data\BG011416\
Data File : BG020729.D
Acq On : 14 Jan 2016 18:10
Operator : SJ/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 14 23:46:16 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
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
LabSampleId :
SSTD02028

Manual Integrations
APPROVED

mohammad
1/15/2016 2:42:59 PM