

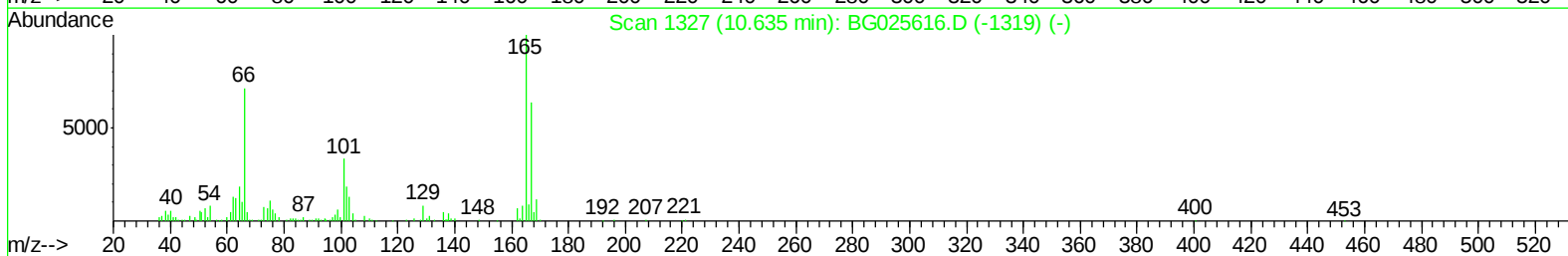
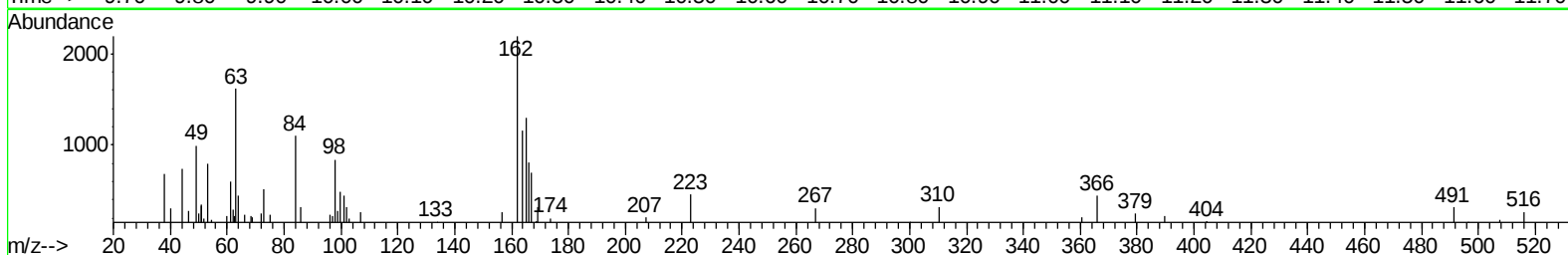
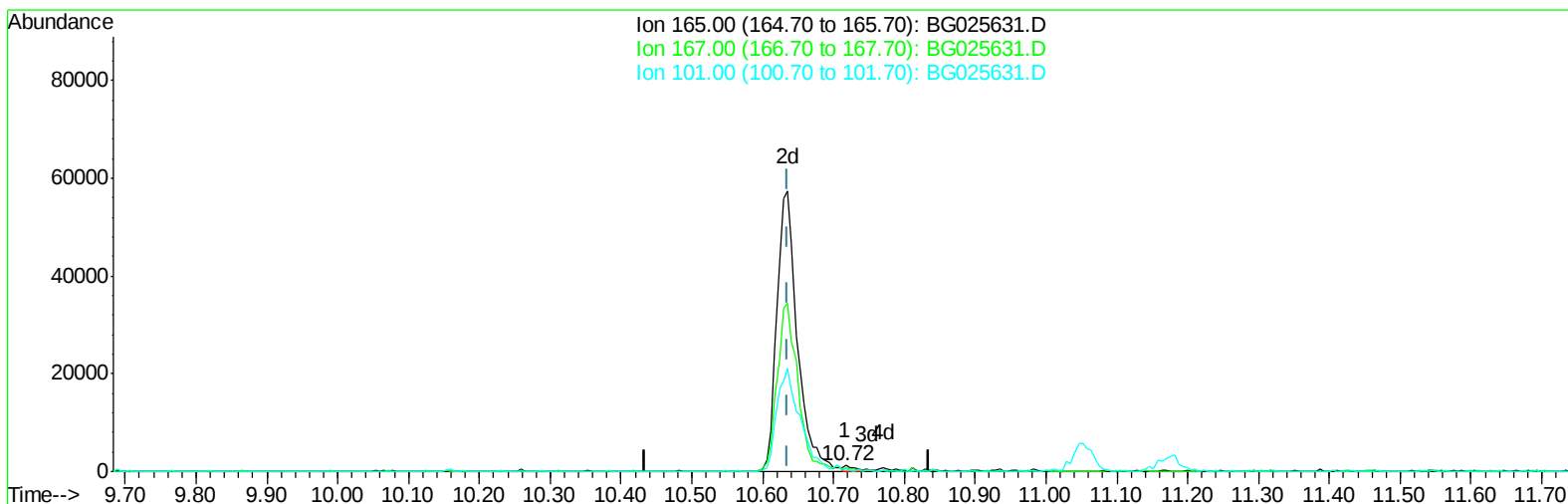
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025631.D
Acq On : 25 Jan 2017 6:20
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations
APPROVED

mohammad
1/25/2017 3:48:32 PM

Quant Time: Jan 25 07:03:47 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:57:10 2017
Response via : Initial Calibration



TIC: BG025631.D

(26) 2,4-Dichlorophenol-d3 (S)

10.717min (+0.082) 0.23ng/ul

response 1258

Ion	Exp%	Act%
165.00	100	100
167.00	58.70	54.02
101.00	29.80	34.75
0.00	0.00	0.00

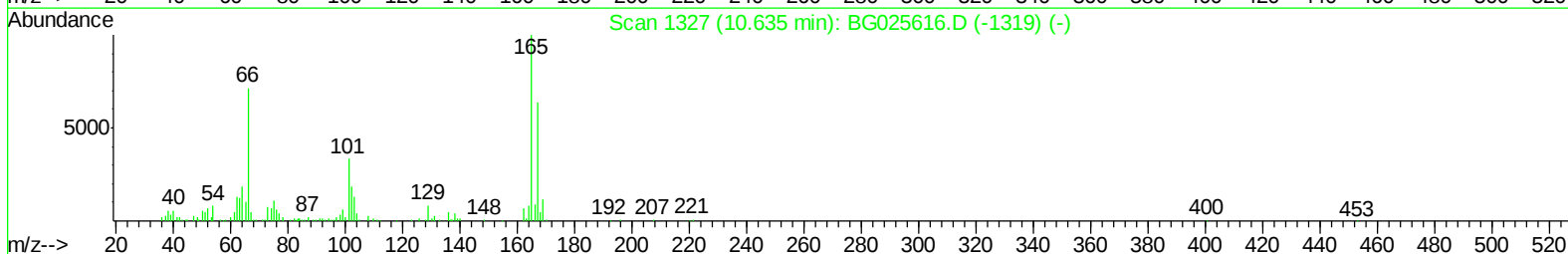
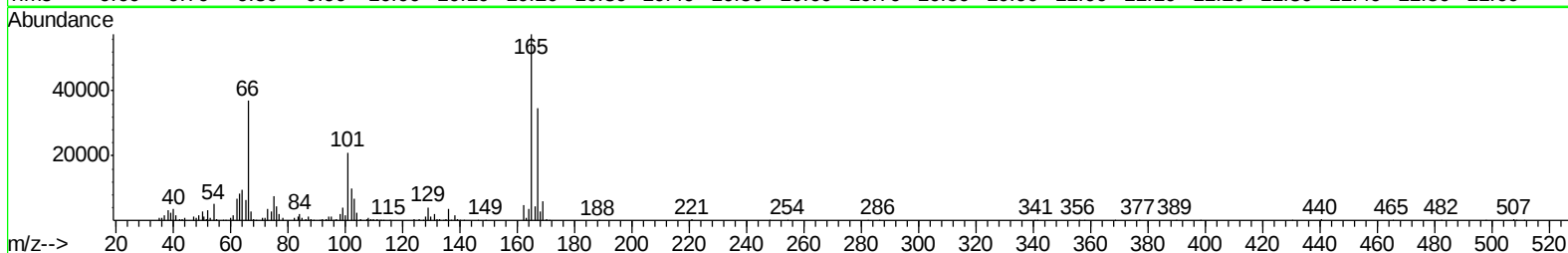
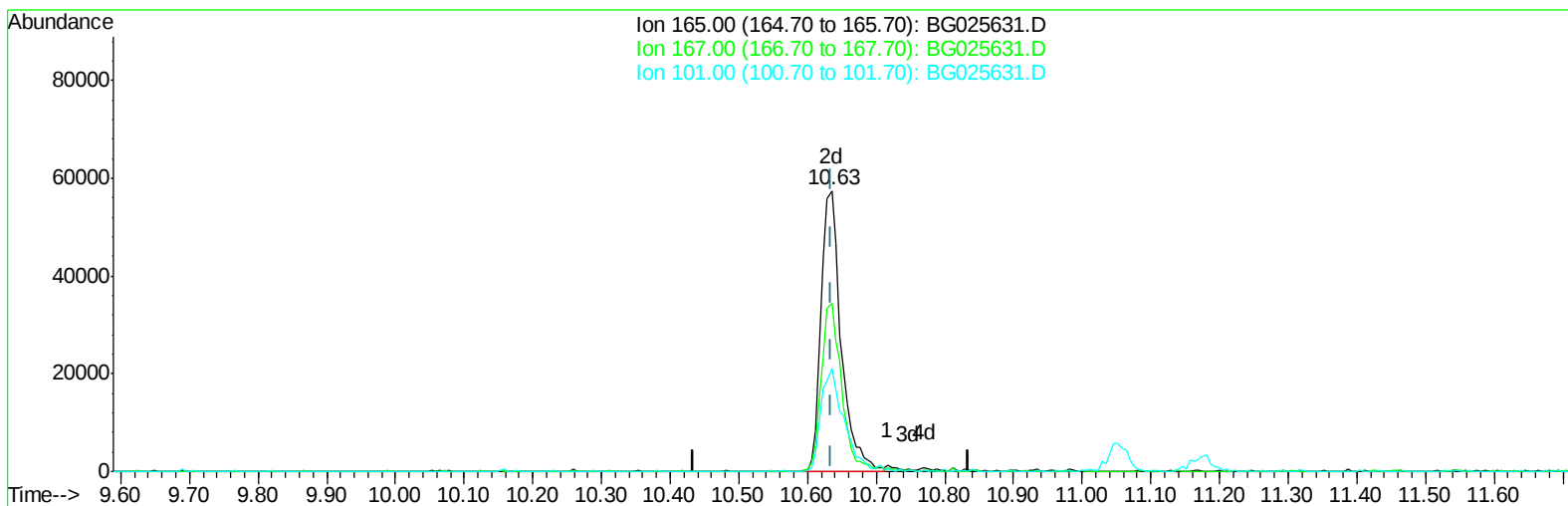
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025631.D
Acq On : 25 Jan 2017 6:20
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations
APPROVED

mohammad
1/25/2017 3:48:32 PM

Quant Time: Jan 25 07:03:47 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:57:10 2017
Response via : Initial Calibration



TIC: BG025631.D

(26) 2,4-Dichlorophenol-d3 (S)

10.635min (-0.000) 21.18ng/ul m

response 116221

Ion	Exp%	Act%
165.00	100	100
167.00	58.70	60.20
101.00	29.80	36.74#
0.00	0.00	0.00

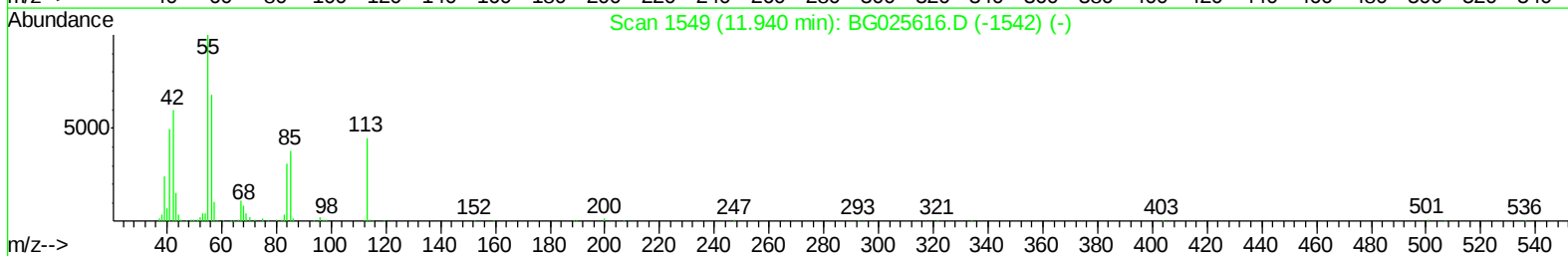
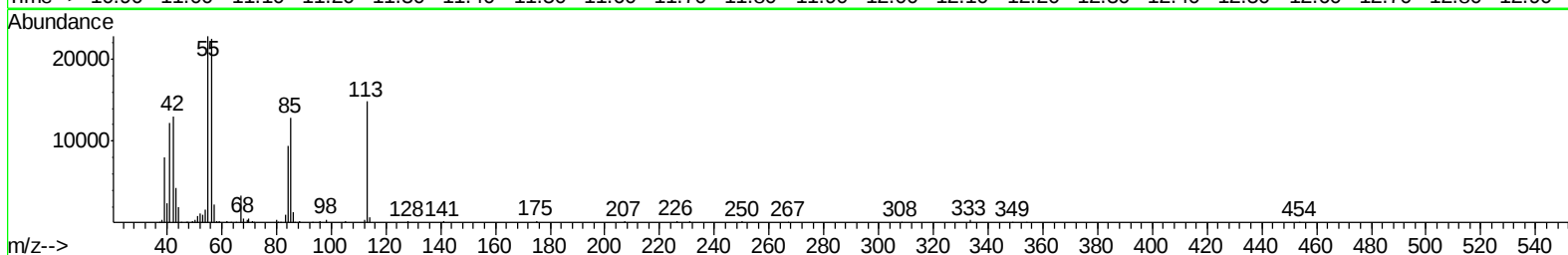
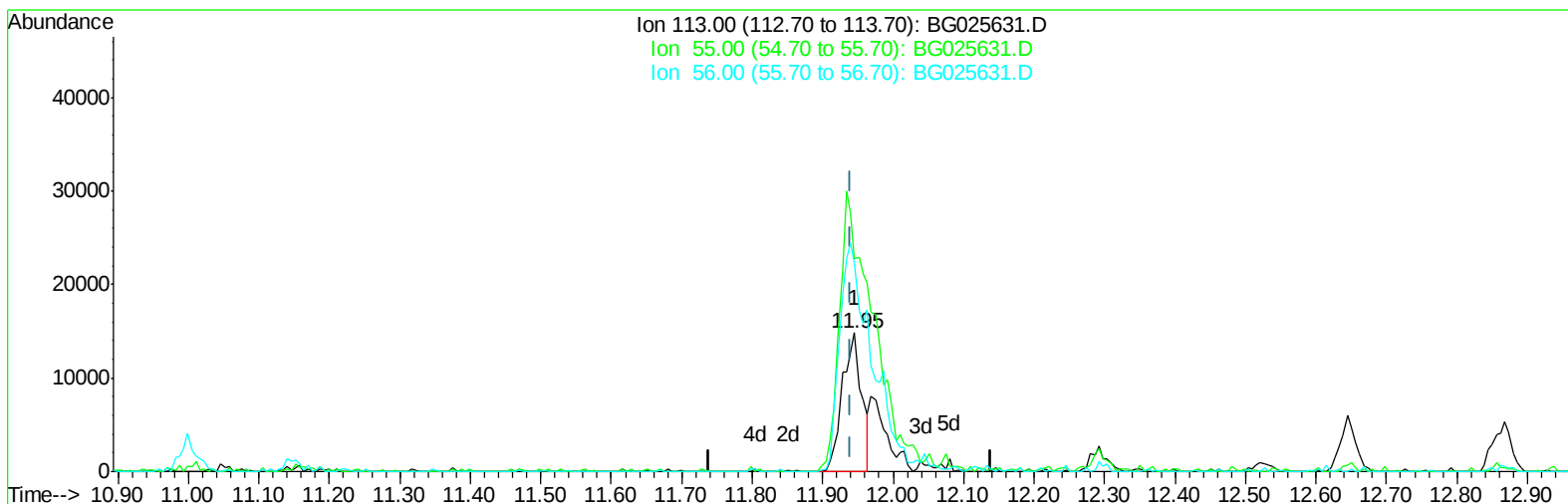
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025631.D
Acq On : 25 Jan 2017 6:20
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations
APPROVED

mohammad
1/25/2017 3:48:32 PM

Quant Time: Jan 25 07:03:47 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:57:10 2017
Response via : Initial Calibration



TIC: BG025631.D

(32) Caprolactam

11.945min (+0.006) 12.49ng/ul

response 27987

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	153.47#
56.00	160.60	151.14
0.00	0.00	0.00

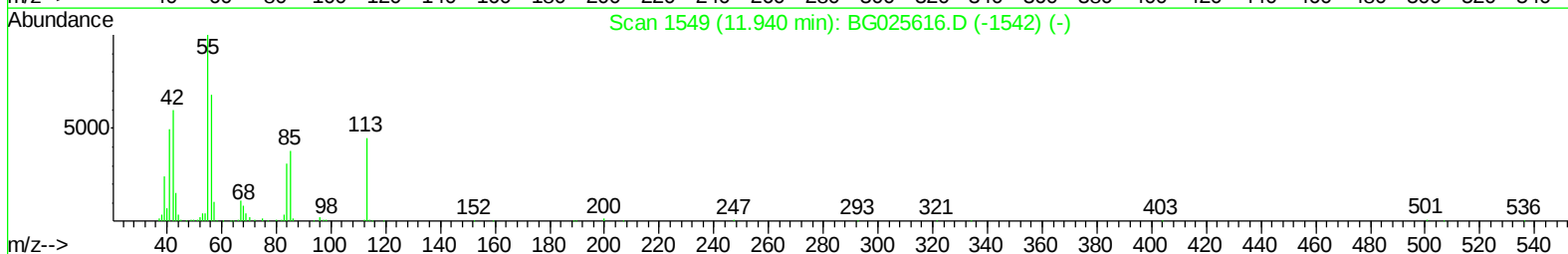
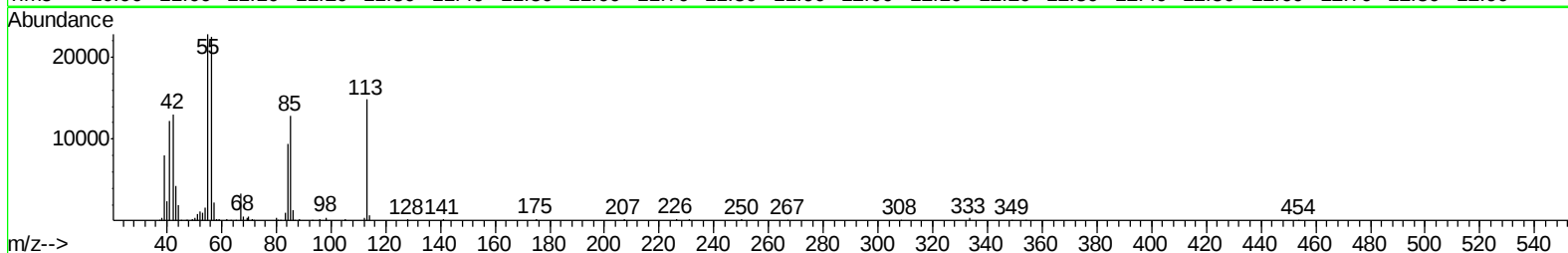
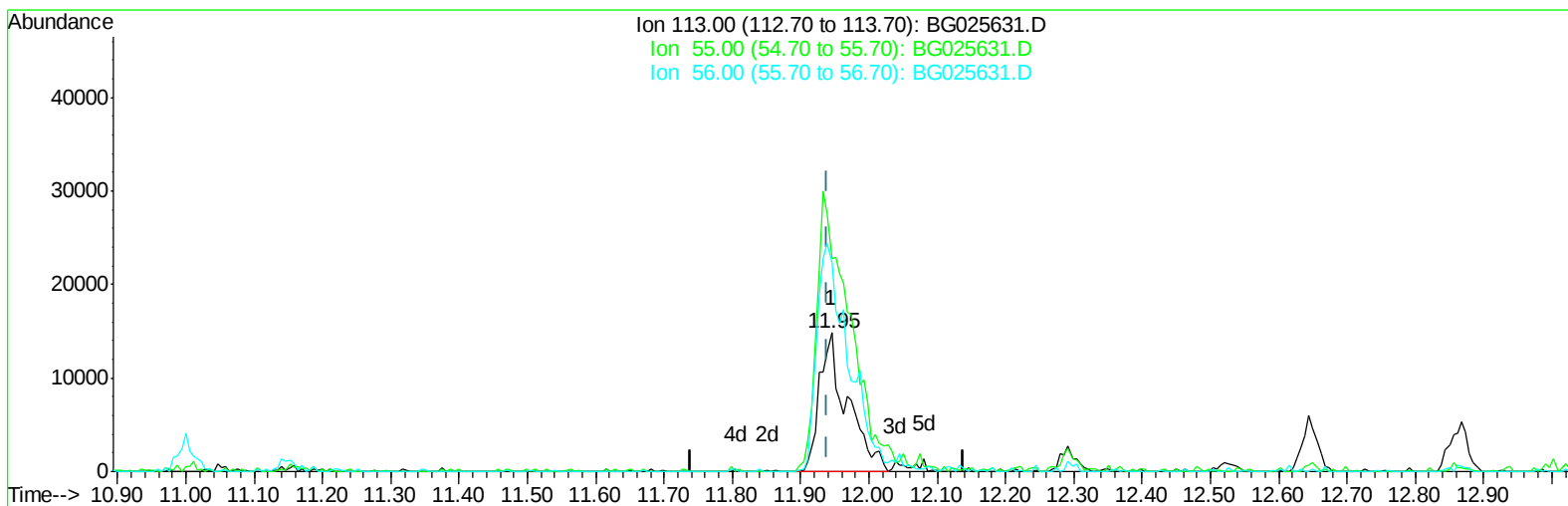
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
Data File : BG025631.D
Acq On : 25 Jan 2017 6:20
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations
APPROVED

mohammad
1/25/2017 3:48:32 PM

Quant Time: Jan 25 07:03:47 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 25 02:57:10 2017
Response via : Initial Calibration



TIC: BG025631.D

(32) Caprolactam

11.945min (+0.006) 18.59ng/ul m

response 41655

Ion	Exp%	Act%
113.00	100	100
55.00	210.70	153.47#
56.00	160.60	151.14
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
 Data File : BG025631.D
 Acq On : 25 Jan 2017 6:20
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02016

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:48:32 PM

Quant Time: Jan 25 07:05:17 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 02:57:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	64586	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	328931	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	281527	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	659765	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	788793	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	810511	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	10803	8.37	ng/uL	0.00
5) Phenol-d5	7.34	99	122906	22.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	81968	22.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	89736	22.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	110398	23.46	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	49220	21.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	59015	21.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	116221m	21.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	142903	23.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	412304	20.74	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	458461	21.35	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	56463	20.73	ng/ul	0.00
57) Fluorene-d10	15.79	176	394138	21.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	82713	20.32	ng/ul	0.00
70) Anthracene-d10	17.65	188	600390	21.37	ng/ul	0.00
76) Pyrene-d10	19.93	212	740880	22.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	742982	21.81	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.54	88	15018	9.85	ng/uL#	89
4) Benzaldehyde	7.32	77	102576	26.91	ng/ul	94
6) Phenol	7.36	94	133081	22.88	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.59	93	100450	24.18	ng/ul#	91
10) 2-Chlorophenol	7.74	128	90887	23.50	ng/ul	96
11) 2-Methylphenol	8.63	108	98584	22.76	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.70	45	194866	24.70	ng/ul	96
14) Acetophenone	9.01	105	170203	23.16	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.98	70	102257	23.25	ng/ul#	94
16) 4-Methylphenol	8.96	108	109663	23.09	ng/ul	96
17) Hexachloroethane	9.25	117	43004	23.88	ng/ul	93
20) Nitrobenzene	9.40	77	154624	20.72	ng/ul	94
21) Isophorone	9.91	82	289165	20.62	ng/ul	96
23) 2-Nitrophenol	10.11	139	62934	22.15	ng/ul#	87
24) 2,4-Dimethylphenol	10.16	107	143062	20.89	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.39	93	150177	21.23	ng/ul#	90
27) 2,4-Dichlorophenol	10.66	162	111095	20.84	ng/ul	95
28) Naphthalene	11.05	128	323364	21.29	ng/ul#	95
30) 4-Chloroaniline	11.18	127	136158	22.03	ng/ul	98
31) Hexachlorobutadiene	11.31	225	97905	21.02	ng/ul	91
32) Caprolactam	11.95	113	41655m	18.59	ng/ul	
33) 4-Chloro-3-methylphenol	12.29	107	139408	21.54	ng/ul	97
34) 2-Methylnaphthalene	12.65	142	260317	21.00	ng/ul	99

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
 Data File : BG025631.D
 Acq On : 25 Jan 2017 6:20
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02016

Manual Integrations
 APPROVED

mohammad
 1/25/2017 3:48:32 PM

Quant Time: Jan 25 07:05:17 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 02:57:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.01	216	176887	20.86	ng/ul	95
37) Hexachlorocyclopentadiene	12.97	237	70165	20.97	ng/ul#	92
38) 2,4,6-Trichlorophenol	13.26	196	106994	20.85	ng/ul	97
39) 2,4,5-Trichlorophenol	13.34	196	116467	21.64	ng/ul	91
40) 1,1'-Biphenyl	13.64	154	373152	21.39	ng/ul	99
41) 2-Chloronaphthalene	13.69	162	294914	21.78	ng/ul	97
42) 2-Nitroaniline	13.91	65	124002	21.12	ng/ul	93
44) Dimethylphthalate	14.25	163	401617	20.54	ng/ul	98
45) 2,6-Dinitrotoluene	14.40	165	83214	20.68	ng/ul	94
47) Acenaphthylene	14.54	152	453331	21.68	ng/ul	98
48) 3-Nitroaniline	14.74	138	80179	22.02	ng/ul#	84
49) Acenaphthene	14.87	153	316123	21.22	ng/ul	91
50) 2,4-Dinitrophenol	14.97	184	41826	17.68	ng/ul#	83
52) 4-Nitrophenol	15.05	109	65785	17.43	ng/ul	82
53) Dibenzofuran	15.20	168	486360	21.25	ng/ul	96
54) 2,4-Dinitrotoluene	15.19	165	129662	21.13	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.44	232	112782	19.80	ng/ul#	92
56) Diethylphthalate	15.59	149	440438	20.84	ng/ul	99
58) Fluorene	15.85	166	400788	21.44	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.83	204	215985	20.48	ng/ul	91
60) 4-Nitroaniline	15.89	138	78468	22.27	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.95	198	82749	19.72	ng/ul#	88
64) N-Nitrosodiphenylamine	16.05	169	374872	22.04	ng/ul	96
65) 4-Bromophenyl-phenylether	16.73	248	169318	22.11	ng/ul	98
66) Hexachlorobenzene	16.85	284	181200	20.82	ng/ul	98
67) Atrazine	16.99	200	168884	21.13	ng/ul	97
68) Pentachlorophenol	17.21	266	59519	16.44	ng/ul#	85
69) Phenanthrene	17.60	178	701929	21.89	ng/ul	98
71) Anthracene	17.69	178	702827	21.80	ng/ul	99
72) Carbazole	17.97	167	598720	22.39	ng/ul	99
73) Di-n-butylphthalate	18.47	149	757639	21.92	ng/ul	100
74) Fluoranthene	19.60	202	859467	22.70	ng/ul	98
77) Pyrene	19.96	202	869180	22.41	ng/ul	99
78) Butylbenzylphthalate	20.81	149	336674	22.32	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.73	252	339098	23.43	ng/ul#	95
80) Benzo(a)anthracene	21.82	228	896881	21.52	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.66	149	475146	22.57	ng/ul	95
82) Chrysene	21.89	228	857054	21.86	ng/ul	99
84) Di-n-octyl phthalate	22.91	149	834013	23.97	ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	889410	21.20	ng/ul	98
86) Benzo(k)fluoranthene	24.21	252	879780	22.36	ng/ul	100
88) Benzo(a)pyrene	25.07	252	866701	21.84	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.14	276	1055267	21.00	ng/ul	99
90) Dibenzo(a,h)anthracene	29.18	278	902572	21.56	ng/ul#	98
91) Benzo(g,h,i)perylene	30.36	276	886020	21.47	ng/ul	97

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

