Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017900.D
Acq On : 16 Jul 2015 1:21
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-8PPM
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jul 16 03:47:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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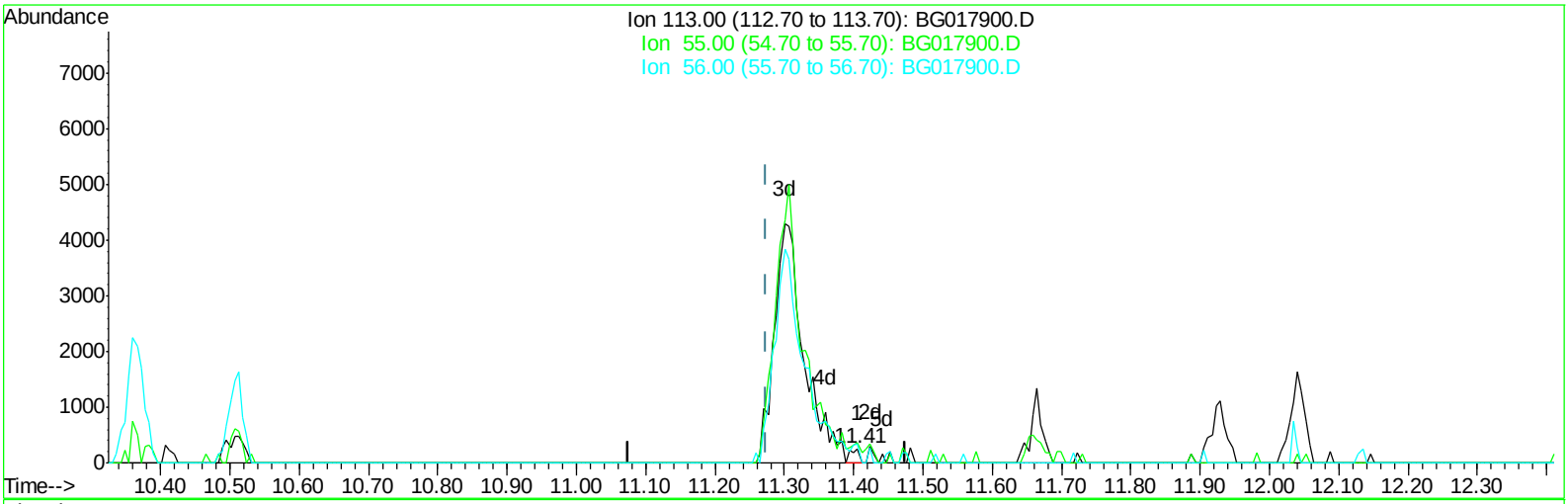

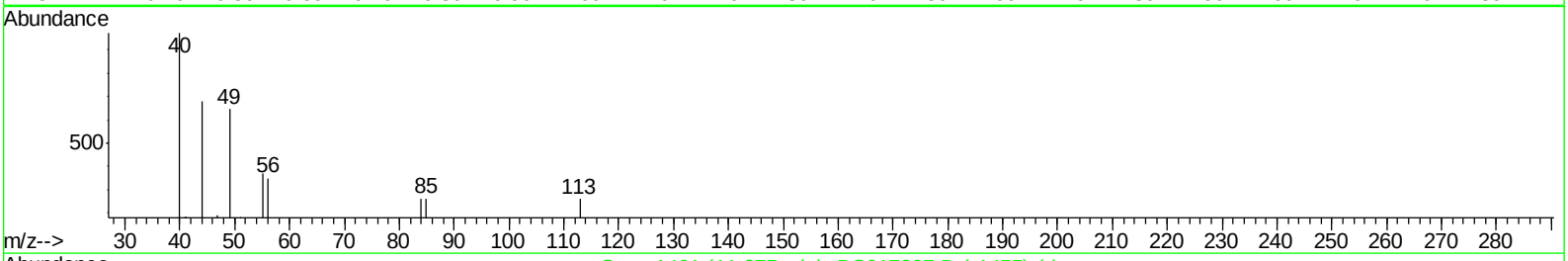

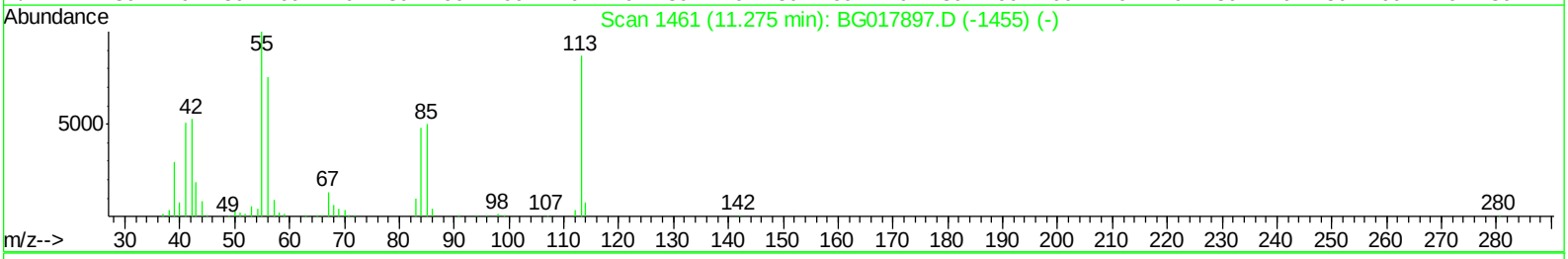

TIC: BG017900.D

(32) Caprolactam

11.406min (+0.131) 0.07ng/ul

response 237

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	142.15
56.00	112.20	134.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017900.D
Acq On : 16 Jul 2015 1:21
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-8PPM
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jul 16 03:47:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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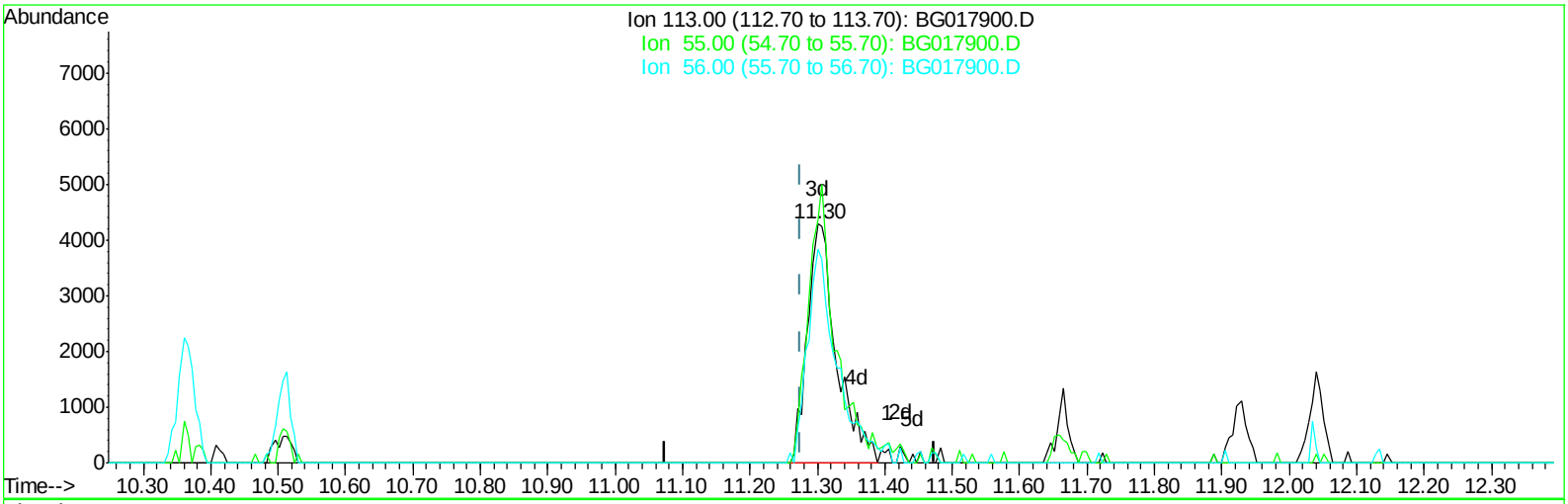

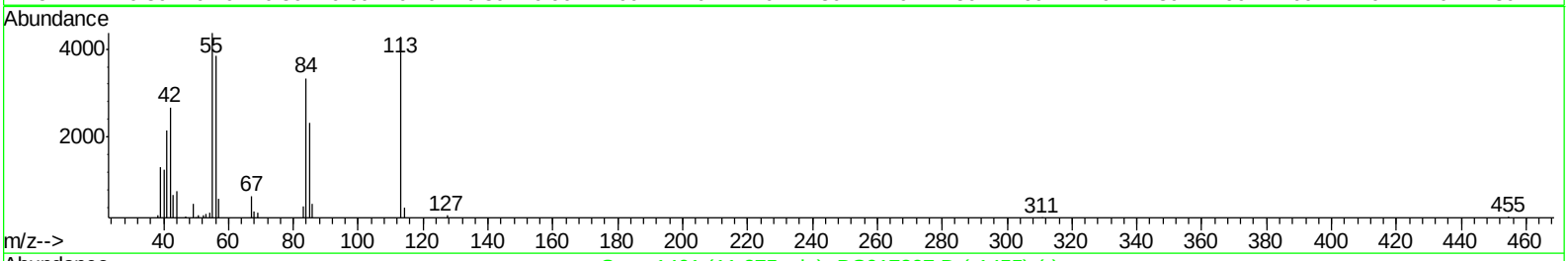

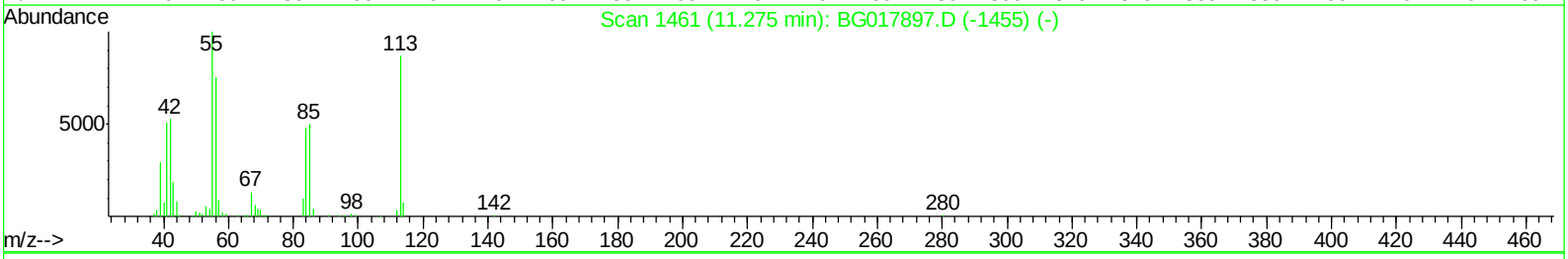

TIC: BG017900.D

(32) Caprolactam

11.300min (+0.025) 3.85ng/ul m

response 12820

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	101.80#
56.00	112.20	89.39#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017900.D
Acq On : 16 Jul 2015 1:21
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-8PPM
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jul 16 03:47:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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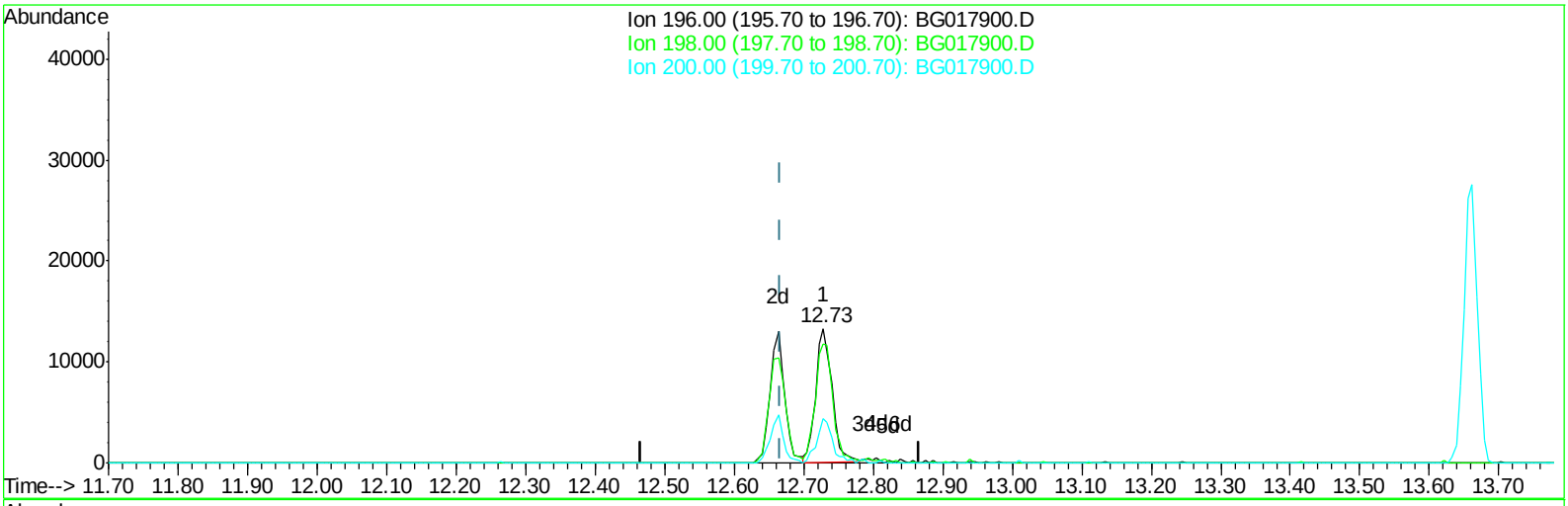

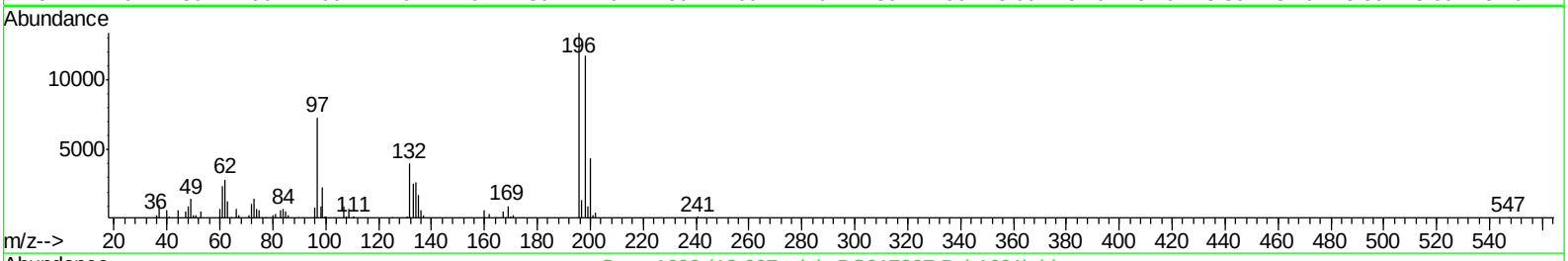

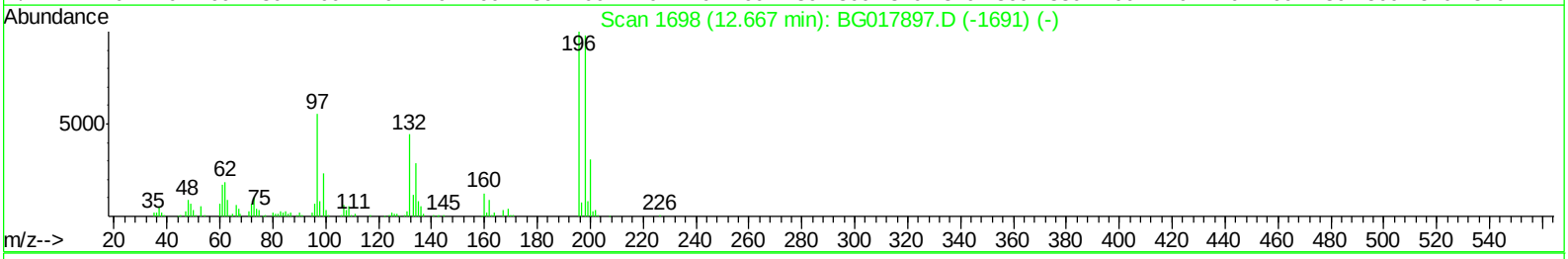

TIC: BG017900.D

(38) 2,4,6-Trichlorophenol (C)

12.728min (+0.060) 6.90ng/ul

response 21654

Ion	Exp%	Act%
196.00	100	100
198.00	86.20	88.02
200.00	27.80	32.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017900.D
Acq On : 16 Jul 2015 1:21
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-8PPM
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jul 16 03:47:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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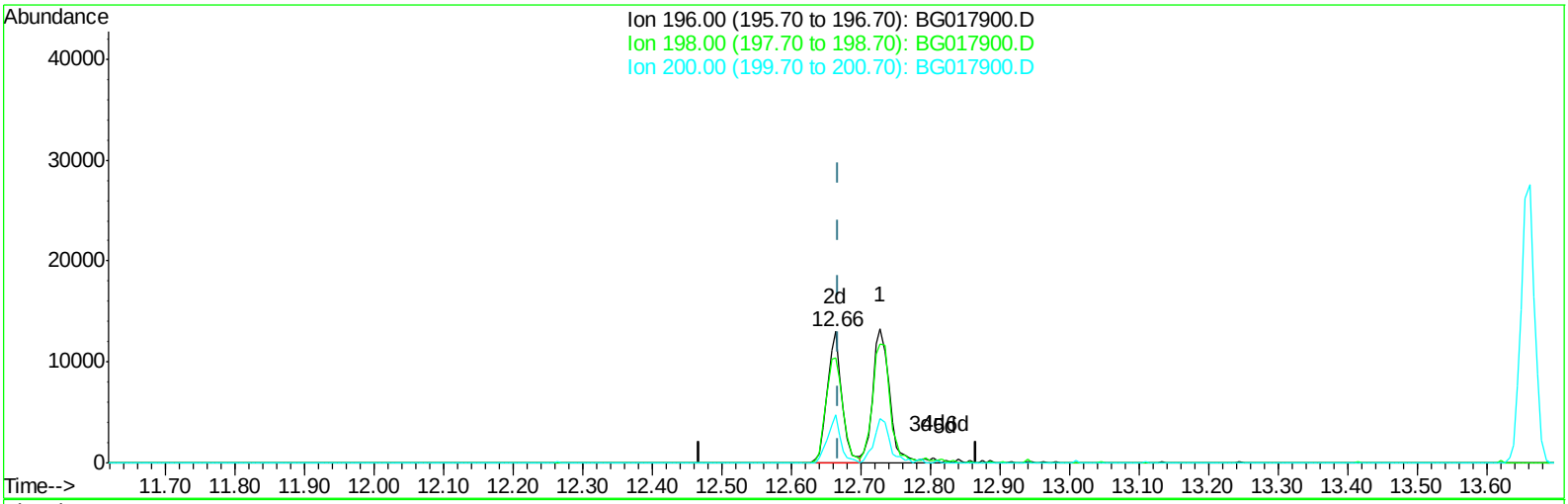

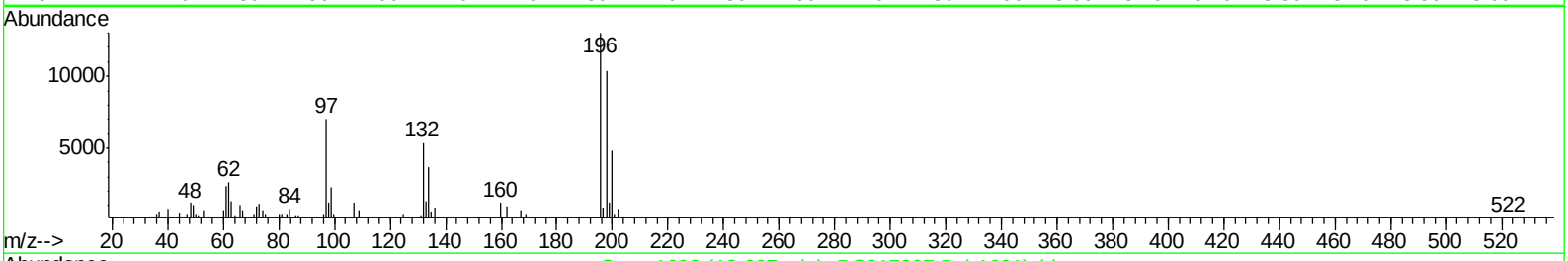

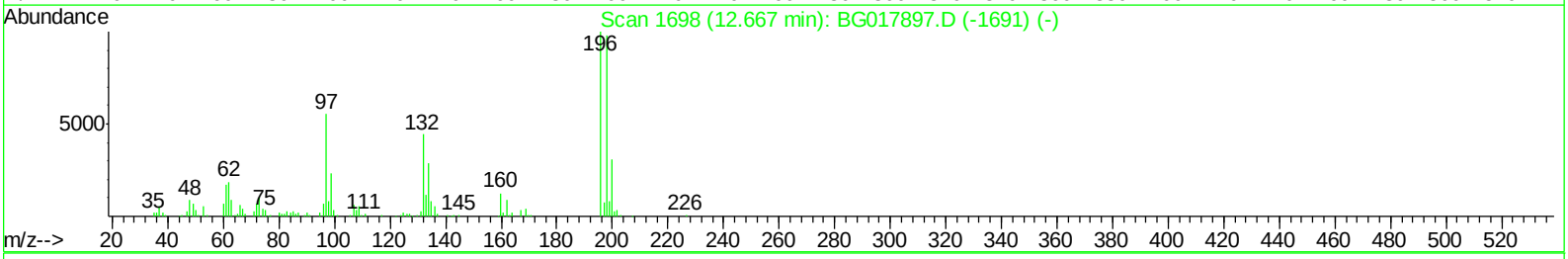

TIC: BG017900.D

(38) 2,4,6-Trichlorophenol (C)

12.663min (-0.004) 6.09ng/ul m

response 19111

Ion	Exp%	Act%
196.00	100	100
198.00	86.20	79.65
200.00	27.80	36.75#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017900.D
Acq On : 16 Jul 2015 1:21
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-8PPM
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jul 16 03:47:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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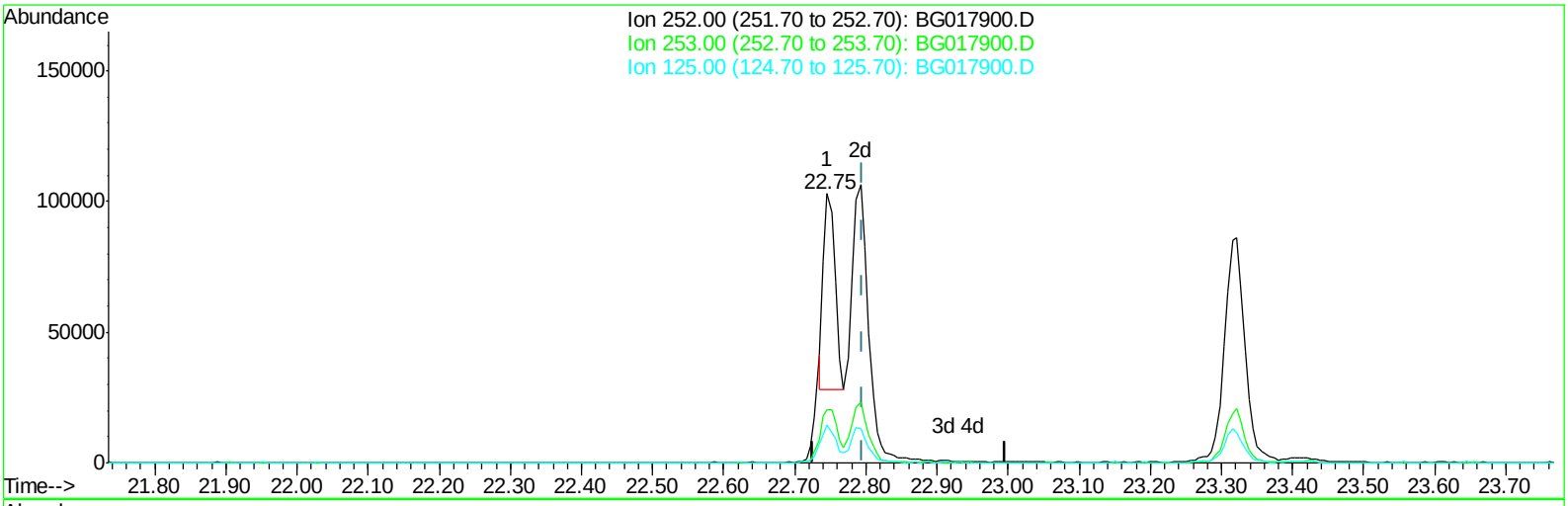

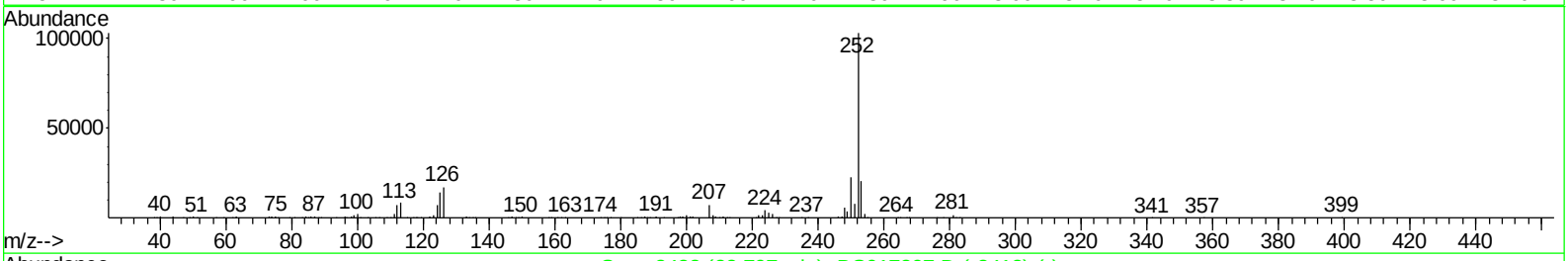

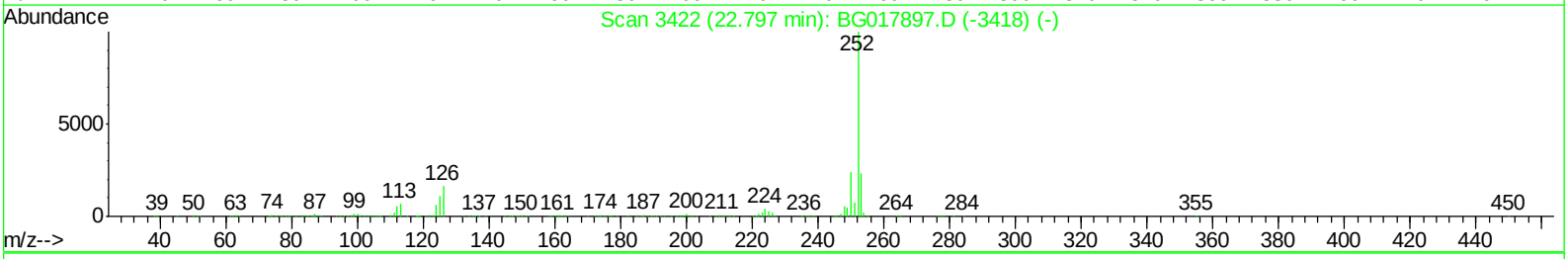

TIC: BG017900.D

(88) Benzo(k)fluoranthene

22.745min (-0.051) 3.33ng/ul

response 85830

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	19.93
125.00	16.40	14.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017900.D
Acq On : 16 Jul 2015 1:21
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-8PPM
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jul 16 03:47:02 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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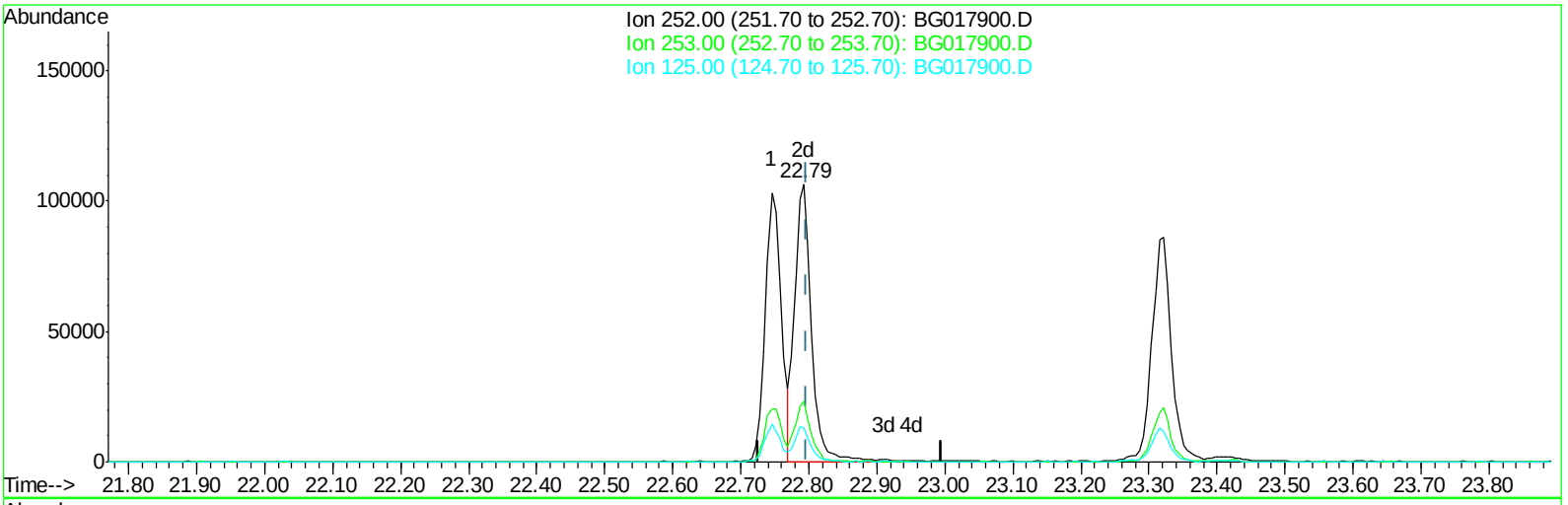

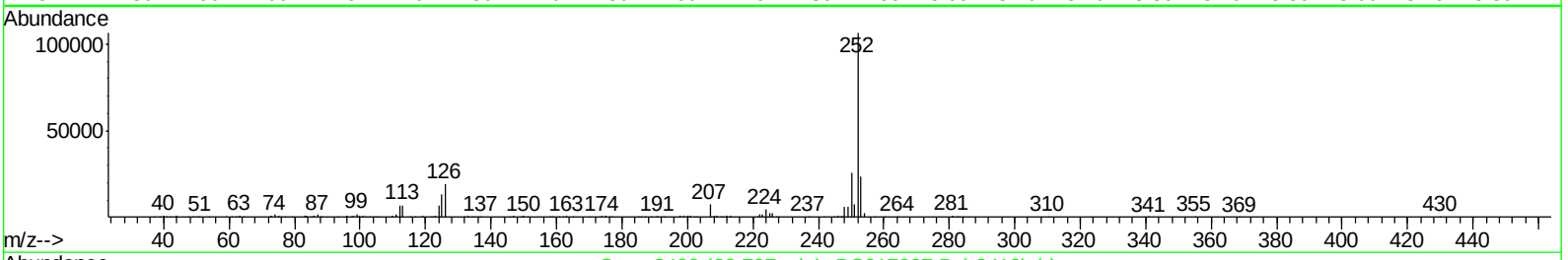

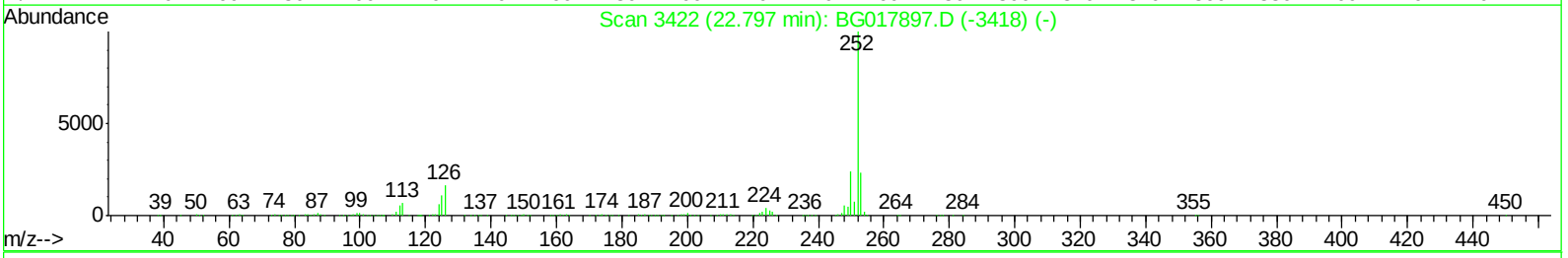

TIC: BG017900.D

(88) Benzo(k)fluoranthene

22.792min (-0.004) 7.10ng/ul m

response 182768

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.05
125.00	16.40	12.18#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017900.D
Acq On : 16 Jul 2015 1:21
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-8PPM
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-05-W

Manual Integrations APPROVED
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Quant Time: Jul 16 03:56:11 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	84003	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	374490	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	219801	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	448398	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	481043	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	452791	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	12570	5.35	ng/uL	0.00
5) Phenol-d5	6.76	99	209789	28.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	126087	25.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	180395	32.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	175316	31.57	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	90559	30.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	84142	38.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	157608	35.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	262011	40.43	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	544689	35.54	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	689635	34.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	91723	31.72	ng/ul	0.00
57) Fluorene-d10	15.24	176	503351	35.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	54640	26.04	ng/ul	0.00
70) Anthracene-d10	17.09	188	735420	36.19	ng/ul	0.00
78) Pyrene-d10	19.40	212	821197	36.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	763115	34.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	2959	1.18	ng/uL#	90
4) Benzaldehyde	6.73	77	29861	7.04	ng/ul	87
6) Phenol	6.79	94	44338	5.58	ng/ul#	92
8) Bis(2-Chloroethyl)ether	7.02	93	36402	5.62	ng/ul	96
10) 2-Chlorophenol	7.15	128	35022	6.16	ng/ul#	82
11) 2-Methylphenol	8.03	108	30886	5.35	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.13	45	44457	4.72	ng/ul	98
14) Acetophenone	8.40	105	54845	5.93	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.39	70	29077	5.10	ng/ul#	86
16) 4-Methylphenol	8.36	108	36350	5.78	ng/ul	100
17) Hexachloroethane	8.65	117	14159	5.22	ng/ul	90
20) Nitrobenzene	8.78	77	40745	5.29	ng/ul	94
21) Isophorone	9.30	82	78524	5.44	ng/ul	96
23) 2-Nitrophenol	9.49	139	18858	7.24	ng/ul#	80
24) 2,4-Dimethylphenol	9.56	107	38419	5.77	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.79	93	45843	5.65	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	31918	7.03	ng/ul#	93
28) Naphthalene	10.42	128	120258	6.21	ng/ul#	95
30) 4-Chloroaniline	10.53	127	43835	6.51	ng/ul	99
31) Hexachlorobutadiene	10.71	225	18764	6.56	ng/ul	94
32) Caprolactam	11.30	113	12820m	3.85	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	32567	5.85	ng/ul#	90
34) 2-Methylnaphthalene	12.04	142	85742	6.52	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017900.D
Acq On : 16 Jul 2015 1:21
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-8PPM
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-05-W

Manual Integrations APPROVED
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7/16/2015 4:37:47 PM

Quant Time: Jul 16 03:56:11 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	39116	6.76 ng/ul#	94
37) Hexachlorocyclopentadiene	12.39	237	16226	5.40 ng/ul	93
38) 2,4,6-Trichlorophenol	12.66	196	19111m	6.09 ng/ul	
39) 2,4,5-Trichlorophenol	12.73	196	22044	6.44 ng/ul	94
40) 1,1'-Biphenyl	13.07	154	109270	6.42 ng/ul#	91
41) 2-Chloronaphthalene	13.10	162	84940	6.50 ng/ul	95
42) 2-Nitroaniline	13.32	65	17874	4.67 ng/ul	87
44) Dimethylphthalate	13.70	163	114081	7.09 ng/ul	98
45) 2,6-Dinitrotoluene	13.83	165	18320	6.25 ng/ul	88
47) Acenaphthylene	13.96	152	141878	6.44 ng/ul	99
48) 3-Nitroaniline	14.15	138	19919	5.96 ng/ul#	97
49) Acenaphthene	14.31	153	93625	6.32 ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	1630	1.32 ng/ul#	42
52) 4-Nitrophenol	14.46	109	13276	5.41 ng/ul#	87
53) Dibenzofuran	14.64	168	129369	6.63 ng/ul	97
54) 2,4-Dinitrotoluene	14.61	165	24092	5.73 ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.88	232	17483	6.62 ng/ul#	78
56) Diethylphthalate	15.08	149	114572	6.91 ng/ul	99
58) Fluorene	15.30	166	111978	6.61 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.30	204	52536	6.68 ng/ul	95
60) 4-Nitroaniline	15.32	138	22929	5.76 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.38	198	11788	5.04 ng/ul	92
64) N-Nitrosodiphenylamine	15.51	169	92790	6.80 ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	30373	7.06 ng/ul	90
66) Hexachlorobenzene	16.30	284	33468	7.17 ng/ul	92
67) Atrazine	16.47	200	31604	6.75 ng/ul	91
68) Pentachlorophenol	16.65	266	10209	4.41 ng/ul	93
69) Phenanthrene	17.03	178	175494	7.09 ng/ul	97
71) Anthracene	17.13	178	177137	6.99 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	36324	6.37 ng/uL	91
73) Pentachlorobenzene	14.56	250	41648	7.61 ng/uL	96
74) Carbazole	17.40	167	158563	7.17 ng/ul	98
75) Di-n-butylphthalate	17.98	149	191453	6.90 ng/ul	96
76) Fluoranthene	19.07	202	185560	7.38 ng/ul#	93
79) Pyrene	19.43	202	207048	6.99 ng/ul	95
80) Butylbenzylphthalate	20.35	149	72895	6.09 ng/ul#	90
81) 3,3'-Dichlorobenzidine	21.12	252	42936	5.96 ng/ul#	96
82) Benzo(a)anthracene	21.18	228	189639	7.14 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	107605	6.49 ng/ul	96
84) Chrysene	21.24	228	185344	7.27 ng/ul	99
86) Di-n-octyl phthalate	22.01	149	158788	5.99 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	168603	6.75 ng/ul	97
88) Benzo(k)fluoranthene	22.79	252	182768m	7.10 ng/ul	
90) Benzo(a)pyrene	23.32	252	169308	6.75 ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.66	276	181845	6.77 ng/ul	94
92) Dibenzo(a,h)anthracene	25.67	278	153462	6.72 ng/ul	95
93) Benzo(g,h,i)perylene	26.35	276	152522	6.79 ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017900.D
Acq On : 16 Jul 2015 1:21
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-8PPM
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Jul 16 03:56:11 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
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7/16/2015 4:37:47 PM