Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017870.D
Acq On : 14 Jul 2015 22:33
Operator : TP/UM
Sample : MDL-03-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 15 06:07:54 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 02:46:41 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Manual Integrations APPROVED
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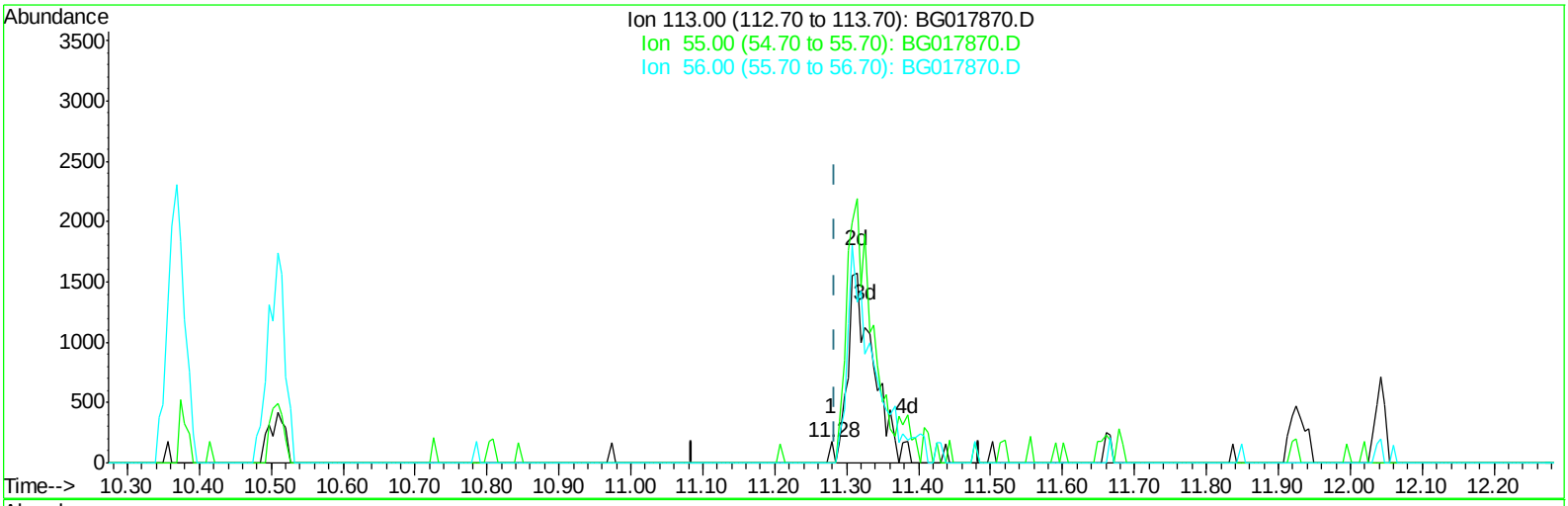

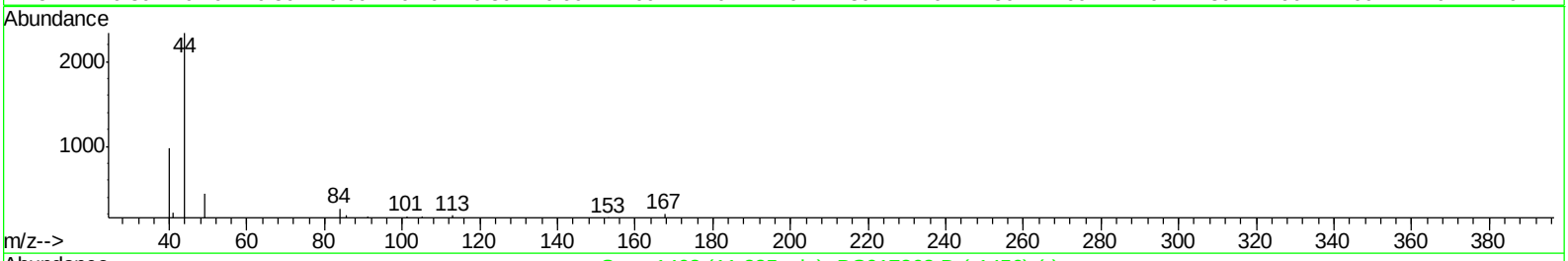

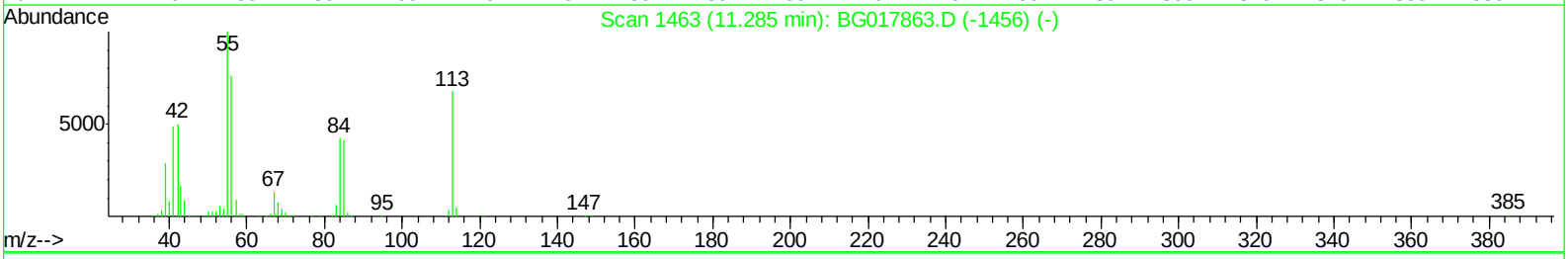

TIC: BG017870.D

(32) Caprolactam

11.279min (-0.006) 0.03ng/ul

response 63

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

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017870.D
Acq On : 14 Jul 2015 22:33
Operator : TP/UM
Sample : MDL-03-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 15 06:07:54 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 02:46:41 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Manual Integrations APPROVED
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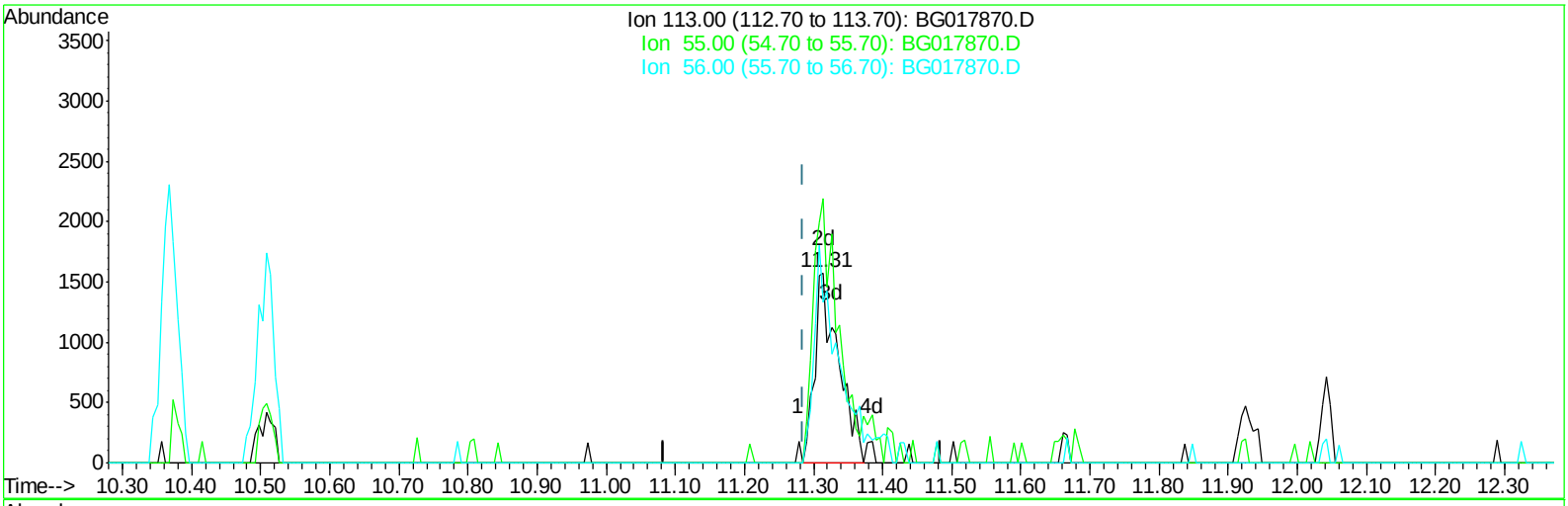

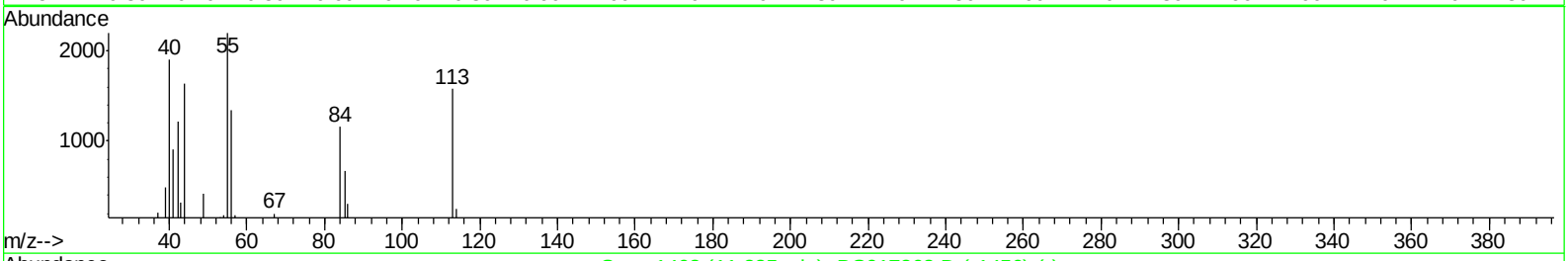

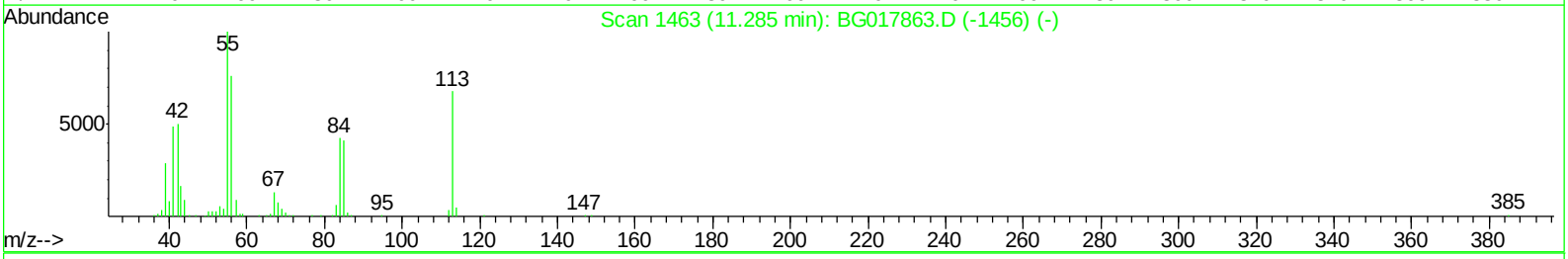

TIC: BG017870.D

(32) Caprolactam

11.314min (+0.029) 1.51ng/ul m

response 3759

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	139.39
56.00	112.20	84.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017870.D
Acq On : 14 Jul 2015 22:33
Operator : TP/UM
Sample : MDL-03-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 15 06:07:54 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 02:46:41 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Manual Integrations APPROVED
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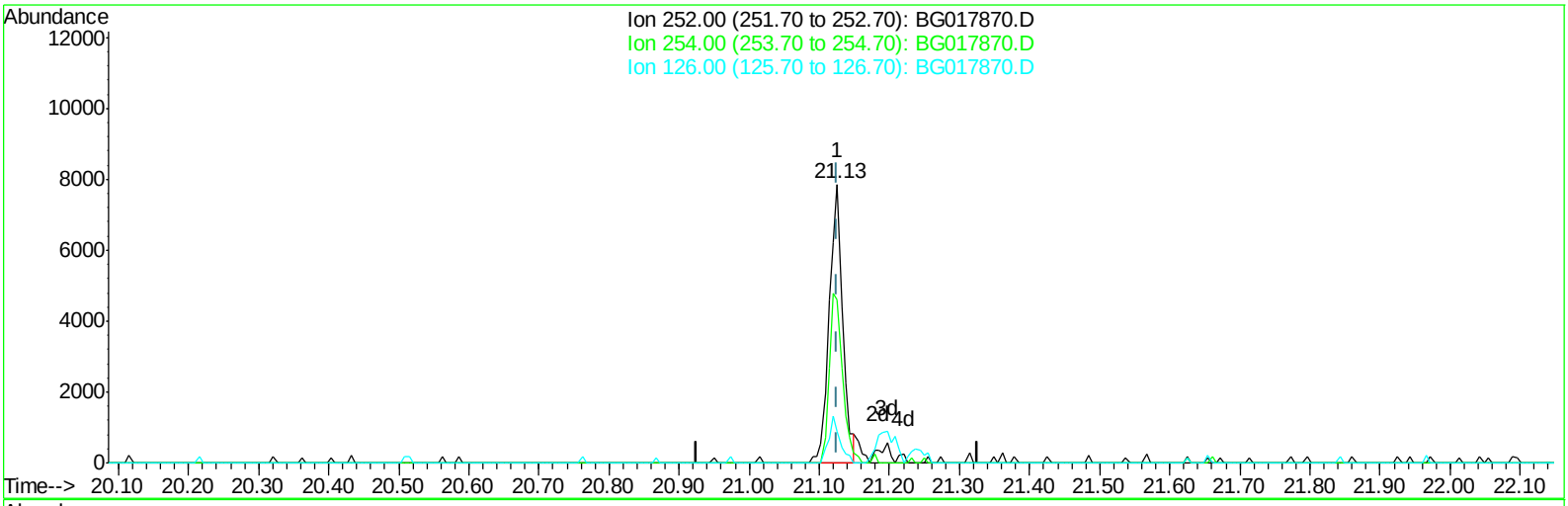

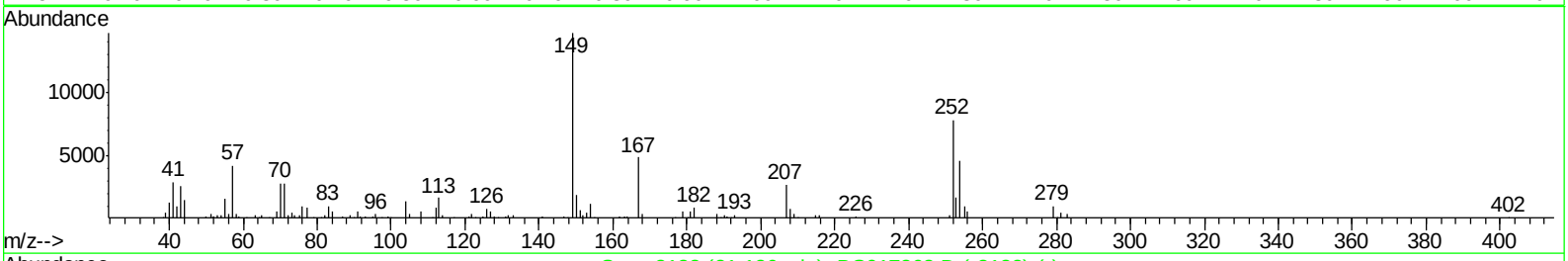

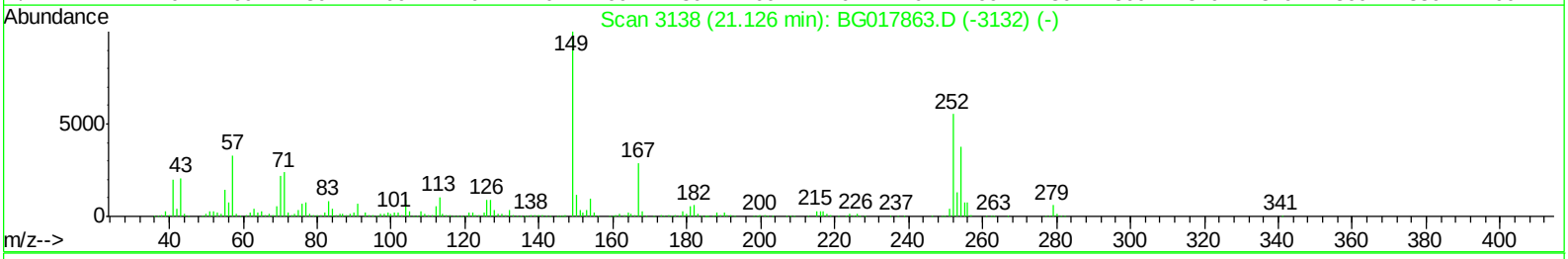

TIC: BG017870.D

(81) 3,3'-Dichlorobenzidine

21.126min (-0.000) 2.11ng/ul

response 10521

Ion	Exp%	Act%
252.00	100	100
254.00	67.70	58.53
126.00	16.60	11.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017870.D
Acq On : 14 Jul 2015 22:33
Operator : TP/UM
Sample : MDL-03-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 15 06:07:54 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 02:46:41 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Manual Integrations APPROVED
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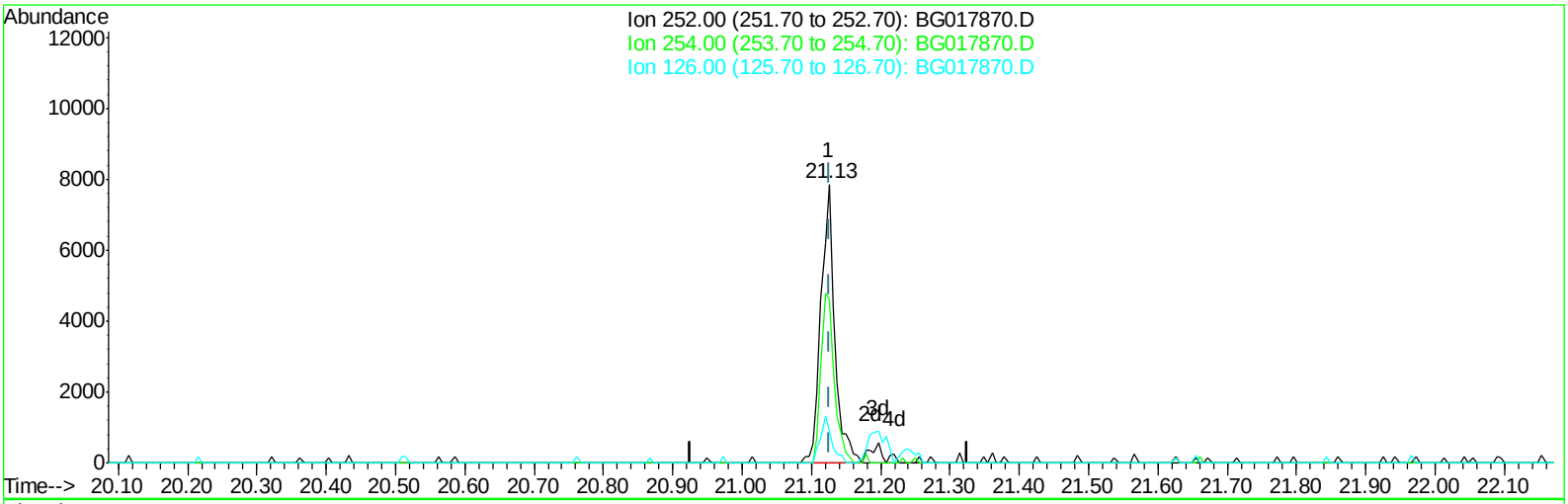

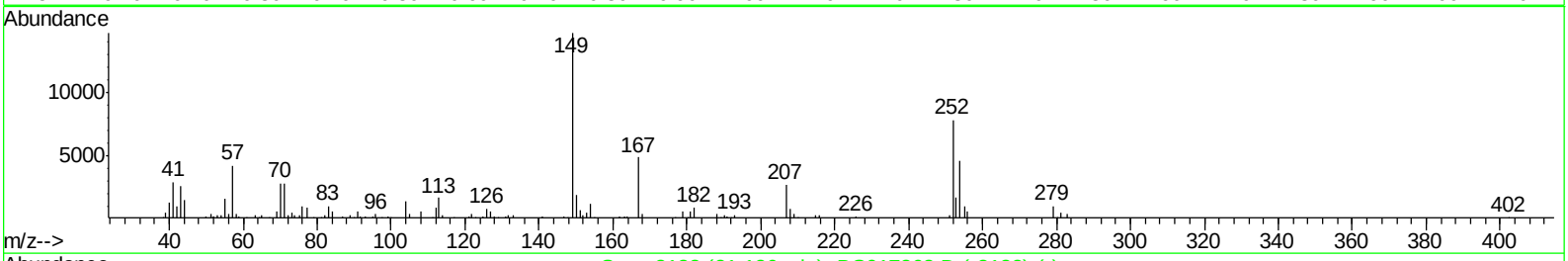

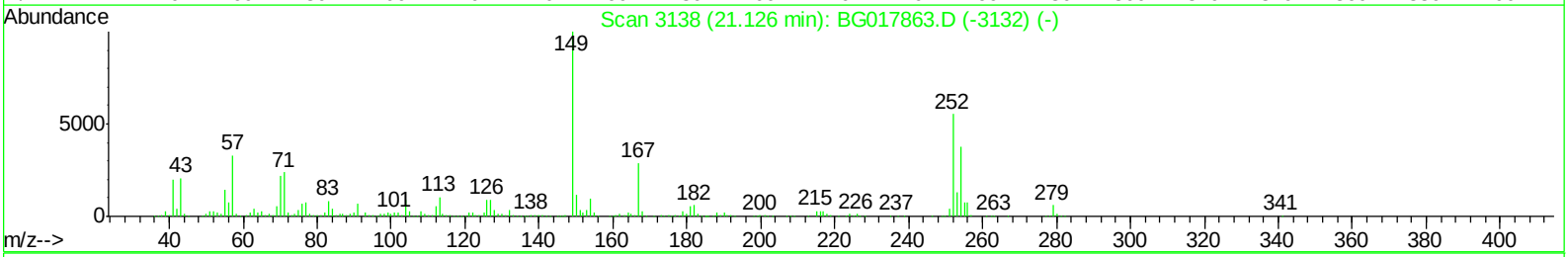

TIC: BG017870.D

(81) 3,3'-Dichlorobenzidine

21.126min (-0.000) 2.18ng/ul m

response 10899

Ion	Exp%	Act%
252.00	100	100
254.00	67.70	58.53
126.00	16.60	11.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017870.D
Acq On : 14 Jul 2015 22:33
Operator : TP/UM
Sample : MDL-03-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 15 06:07:54 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 02:46:41 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Manual Integrations APPROVED
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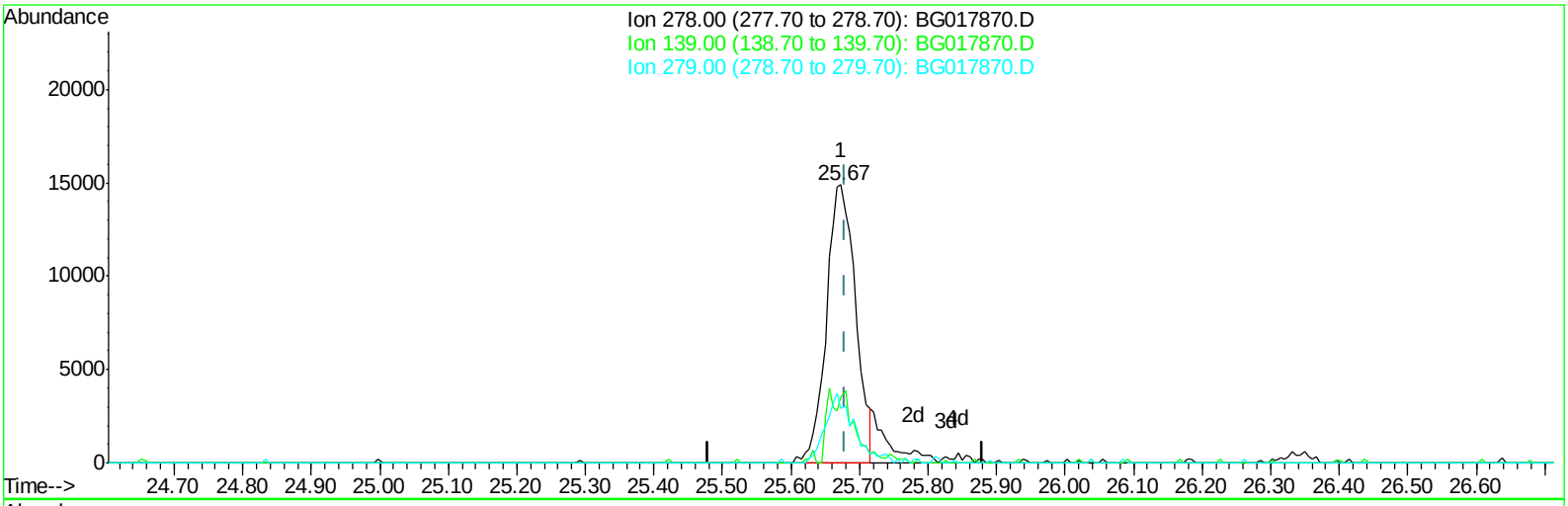

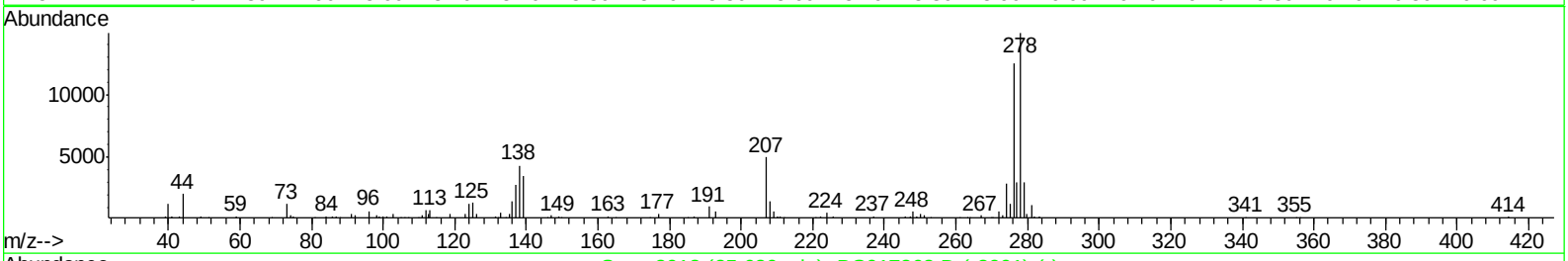

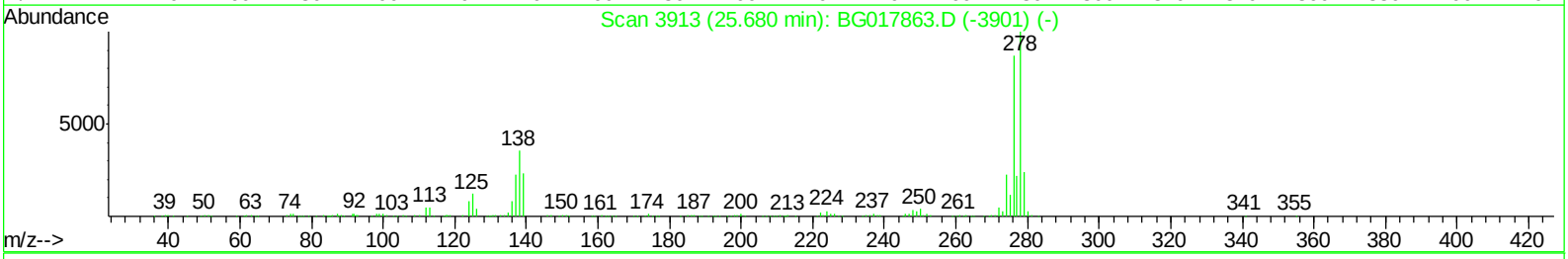

TIC: BG017870.D

(92) Dibenzo(a,h)anthracene

25.673min (-0.006) 2.83ng/ul

response 43951

Ion	Exp%	Act%
278.00	100	100
139.00	23.00	23.62
279.00	24.20	19.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017870.D
Acq On : 14 Jul 2015 22:33
Operator : TP/UM
Sample : MDL-03-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 15 06:07:54 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 02:46:41 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Manual Integrations APPROVED
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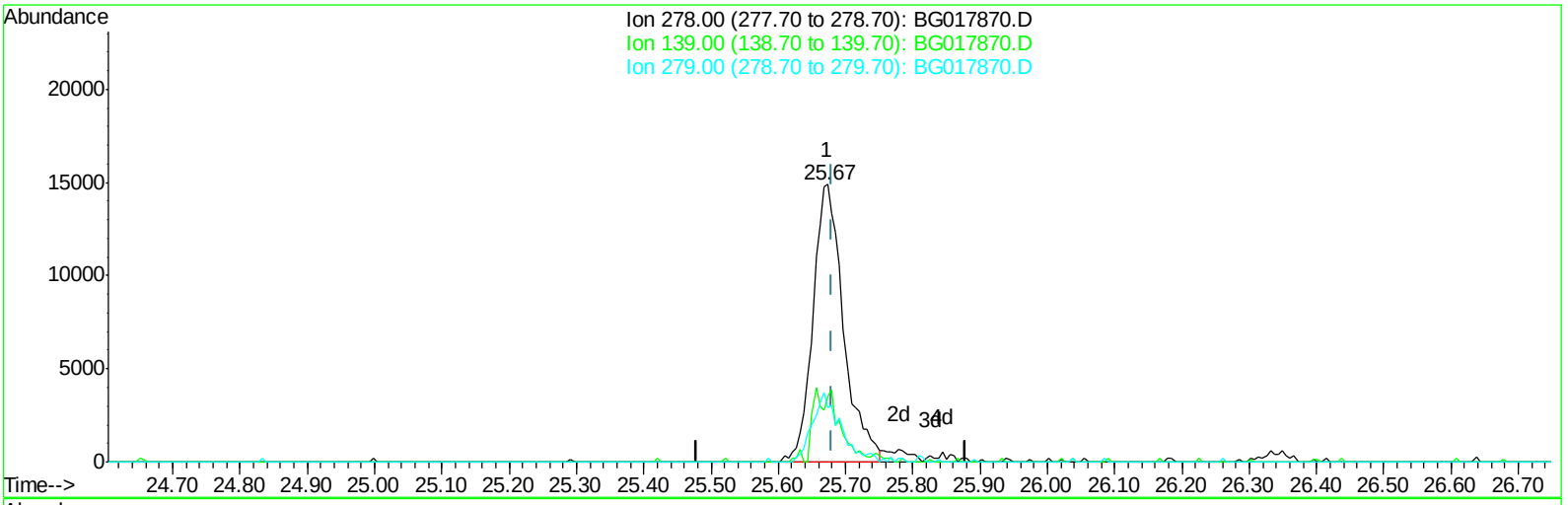

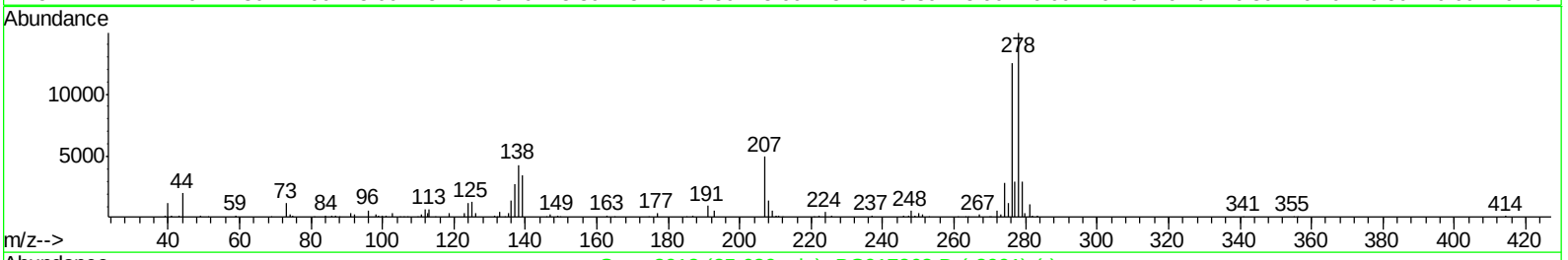

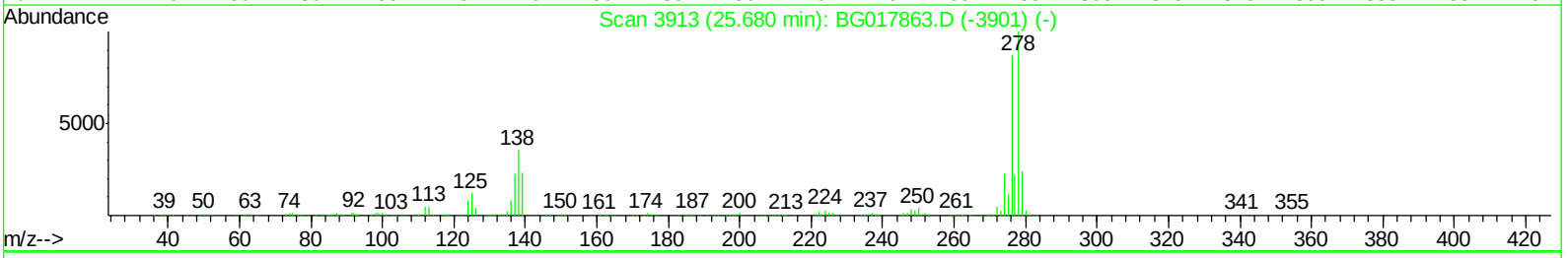

TIC: BG017870.D

(92) Dibenzo(a,h)anthracene

25.673min (-0.006) 3.04ng/ul m

response 47168

Ion	Exp%	Act%
278.00	100	100
139.00	23.00	23.62
279.00	24.20	19.70
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017870.D
Acq On : 14 Jul 2015 22:33
Operator : TP/UM
Sample : MDL-03-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Manual Integrations APPROVED
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7/16/2015 8:18:27 AM

Quant Time: Jul 15 06:41:36 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 02:46:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	61730	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	279475	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	156954	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	327304	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	333107	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	307514	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	10246	5.94	ng/uL	0.00
5) Phenol-d5	6.77	99	186906	35.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	130798	35.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	151582	36.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	144634	35.44	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	79138	36.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	62467	38.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	116832	34.78	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	216528	44.77	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	424601	38.80	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	544146	38.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	69361	33.59	ng/ul	0.00
57) Fluorene-d10	15.24	176	388882	38.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	35942	23.47	ng/ul	0.00
70) Anthracene-d10	17.10	188	575023	38.77	ng/ul	0.00
78) Pyrene-d10	19.40	212	635731	40.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	556975	36.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	1522	0.82	ng/uL#	70
4) Benzaldehyde	6.74	77	14476	4.64	ng/ul	95
6) Phenol	6.79	94	18210	3.12	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.02	93	16986	3.57	ng/ul	94
10) 2-Chlorophenol	7.15	128	12664	3.03	ng/ul#	84
11) 2-Methylphenol	8.03	108	12499	2.95	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.13	45	24122	3.48	ng/ul#	94
14) Acetophenone	8.41	105	23067	3.40	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.39	70	13275	3.17	ng/ul	91
16) 4-Methylphenol	8.36	108	13503	2.92	ng/ul	100
17) Hexachloroethane	8.66	117	6964	3.49	ng/ul	86
20) Nitrobenzene	8.78	77	18539	3.22	ng/ul	96
21) Isophorone	9.30	82	35517	3.30	ng/ul#	96
23) 2-Nitrophenol	9.49	139	6627	3.41	ng/ul	89
24) 2,4-Dimethylphenol	9.56	107	15566	3.13	ng/ul	88
25) Bis(2-Chloroethoxy)methane	9.79	93	19241	3.18	ng/ul	96
27) 2,4-Dichlorophenol	10.02	162	10756	3.18	ng/ul#	84
28) Naphthalene	10.41	128	48284	3.34	ng/ul	97
30) 4-Chloroaniline	10.53	127	17294	3.44	ng/ul	96
31) Hexachlorobutadiene	10.71	225	6975	3.27	ng/ul#	89
32) Caprolactam	11.31	113	3759m	1.51	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	11943	2.87	ng/ul	98
34) 2-Methylnaphthalene	12.04	142	30792	3.14	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017870.D
Acq On : 14 Jul 2015 22:33
Operator : TP/UM
Sample : MDL-03-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Manual Integrations APPROVED
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Quant Time: Jul 15 06:41:36 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 02:46:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	13929	3.37 ng/ul	90
37) Hexachlorocyclopentadiene	12.39	237	5311	2.47 ng/ul#	83
38) 2,4,6-Trichlorophenol	12.66	196	5632	2.51 ng/ul	84
39) 2,4,5-Trichlorophenol	12.73	196	6746	2.76 ng/ul	93
40) 1,1'-Biphenyl	13.07	154	41740	3.44 ng/ul	96
41) 2-Chloronaphthalene	13.11	162	30576	3.28 ng/ul	94
42) 2-Nitroaniline	13.32	65	7493	2.74 ng/ul	86
44) Dimethylphthalate	13.71	163	42198	3.67 ng/ul#	96
45) 2,6-Dinitrotoluene	13.82	165	5801	2.77 ng/ul#	70
47) Acenaphthylene	13.96	152	53264	3.39 ng/ul	98
48) 3-Nitroaniline	14.15	138	5943	2.49 ng/ul#	99
49) Acenaphthene	14.30	153	34262	3.24 ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	655	0.74 ng/ul#	58
52) 4-Nitrophenol	14.47	109	5848	3.34 ng/ul	83
53) Dibenzofuran	14.65	168	48694	3.50 ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	8725	2.91 ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	14.87	232	5124	2.72 ng/ul#	92
56) Diethylphthalate	15.08	149	38022	3.21 ng/ul#	97
58) Fluorene	15.30	166	41744	3.45 ng/ul	94
59) 4-Chlorophenyl-phenylether	15.30	204	19256	3.43 ng/ul	93
60) 4-Nitroaniline	15.32	138	7891	2.78 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.38	198	3888	2.28 ng/ul#	83
64) N-Nitrosodiphenylamine	15.51	169	31652	3.18 ng/ul	96
65) 4-Bromophenyl-phenylether	16.20	248	10031	3.19 ng/ul#	85
66) Hexachlorobenzene	16.30	284	11796	3.46 ng/ul	94
67) Atrazine	16.47	200	9709	2.84 ng/ul#	94
68) Pentachlorophenol	16.65	266	3338	1.98 ng/ul	92
69) Phenanthrene	17.04	178	61419	3.40 ng/ul	96
71) Anthracene	17.13	178	65820	3.56 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	12964	3.11 ng/uL	93
73) Pentachlorobenzene	14.56	250	15219	3.81 ng/uL	97
74) Carbazole	17.40	167	56234	3.48 ng/ul	98
75) Di-n-butylphthalate	17.98	149	62774	3.10 ng/ul	97
76) Fluoranthene	19.06	202	66189	3.61 ng/ul	96
79) Pyrene	19.43	202	76703	3.74 ng/ul	97
80) Butylbenzylphthalate	20.35	149	20876	2.52 ng/ul	91
81) 3,3'-Dichlorobenzidine	21.13	252	10899m	2.18 ng/ul	
82) Benzo(a)anthracene	21.18	228	63485	3.45 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	28587	2.49 ng/ul#	95
84) Chrysene	21.23	228	60680	3.44 ng/ul	98
86) Di-n-octyl phthalate	22.00	149	38338	2.13 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	51599	3.04 ng/ul	95
88) Benzo(k)fluoranthene	22.79	252	55864	3.20 ng/ul	97
90) Benzo(a)pyrene	23.32	252	60433	3.55 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	54078	2.97 ng/ul#	89
92) Dibenzo(a,h)anthracene	25.67	278	47168m	3.04 ng/ul	
93) Benzo(g,h,i)perylene	26.34	276	48089	3.15 ng/ul	95

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017870.D
Acq On : 14 Jul 2015 22:33
Operator : TP/UM
Sample : MDL-03-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 15 06:41:36 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 02:46:41 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-03-S

Manual Integrations APPROVED
apatel
7/16/2015 8:18:27 AM