Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017882.D
Acq On : 15 Jul 2015 6:43
Operator : TP/UM
Sample : MDL-06-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 15 08:52:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Manual Integrations APPROVED
apatel
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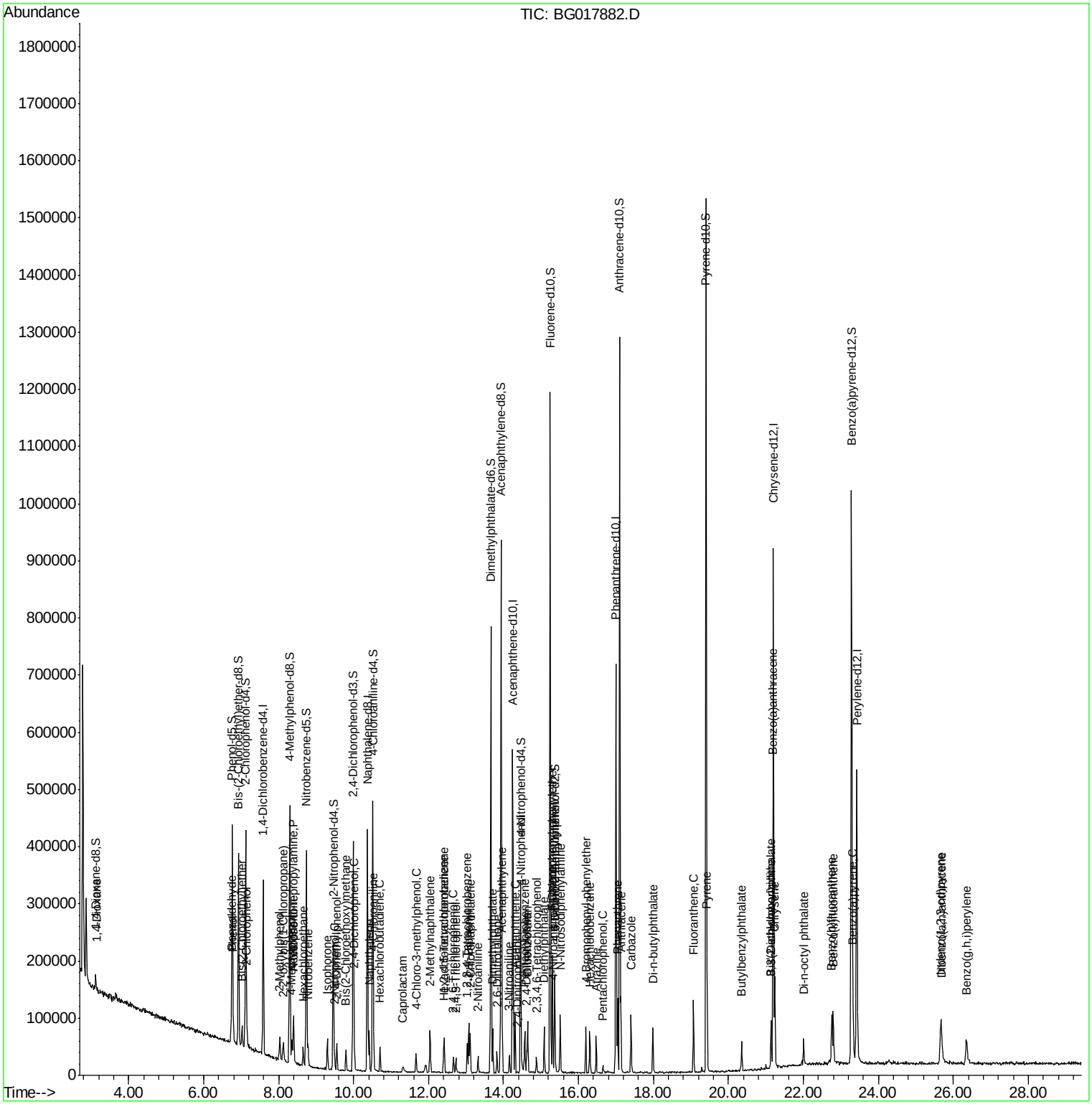

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017882.D
Acq On : 15 Jul 2015 6:43
Operator : TP/UM
Sample : MDL-06-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 15 08:28:55 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Manual Integrations APPROVED
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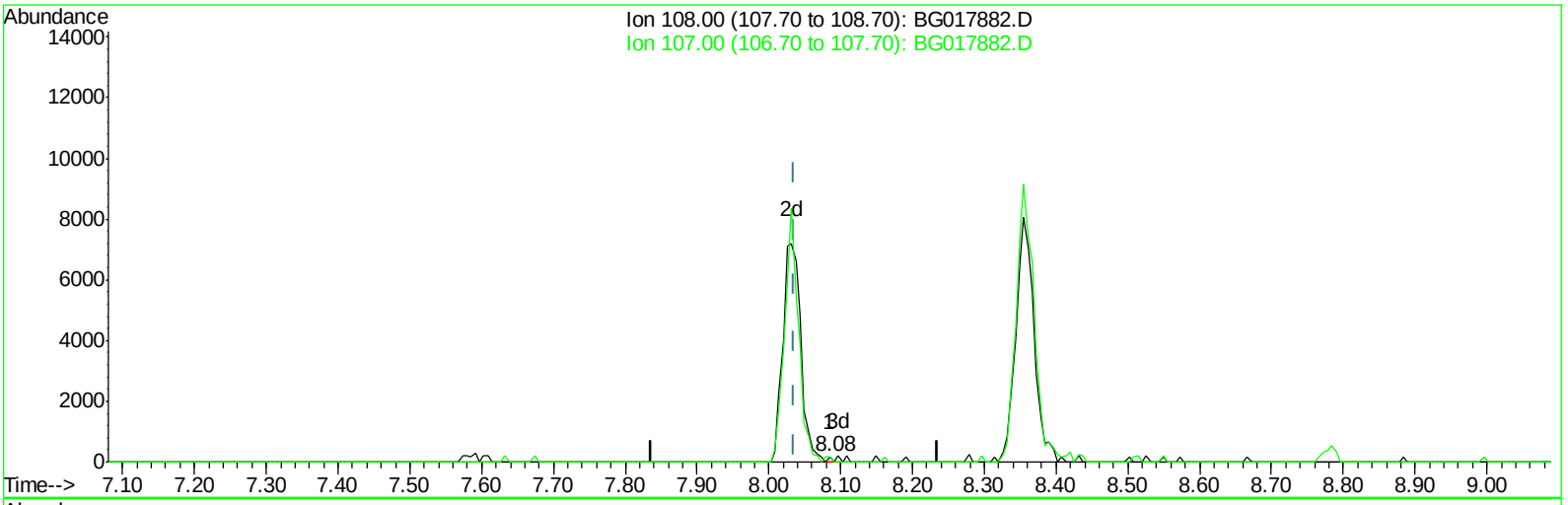

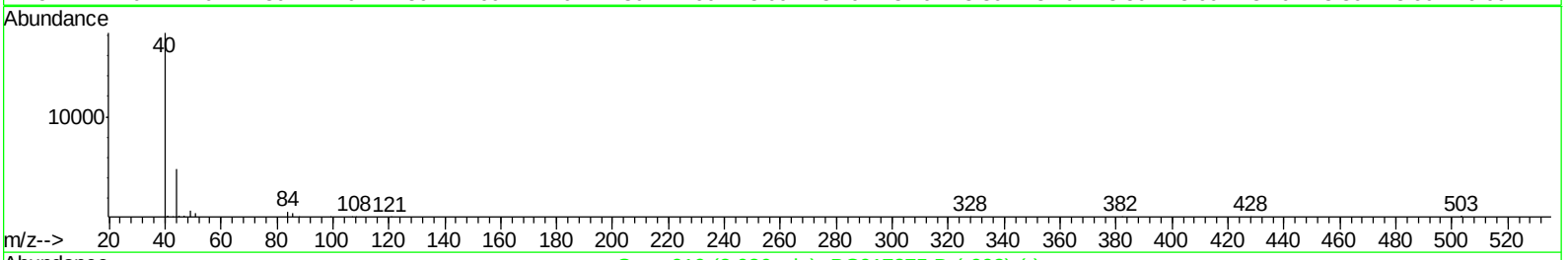

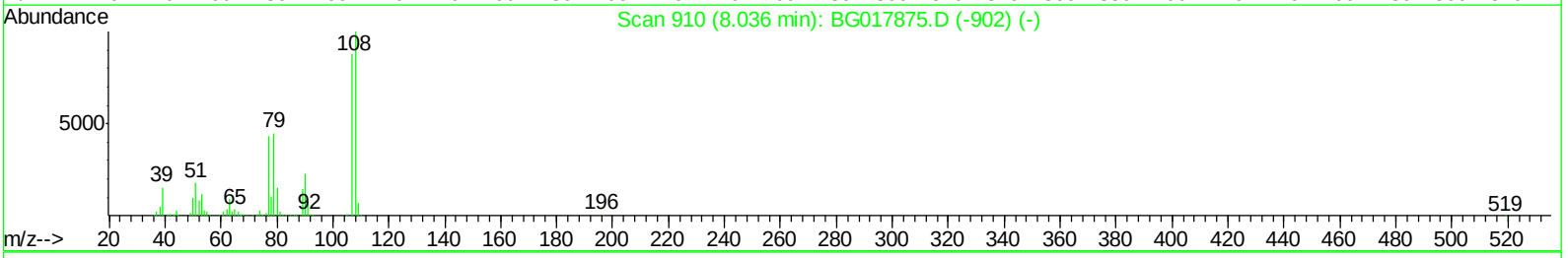

TIC: BG017882.D

(11) 2-Methylphenol

8.085min (+0.049) 0.01ng/ul

response 64

Ion	Exp%	Act%
108.00	100	100
107.00	90.10	86.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017882.D
Acq On : 15 Jul 2015 6:43
Operator : TP/UM
Sample : MDL-06-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 15 08:28:55 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Manual Integrations APPROVED
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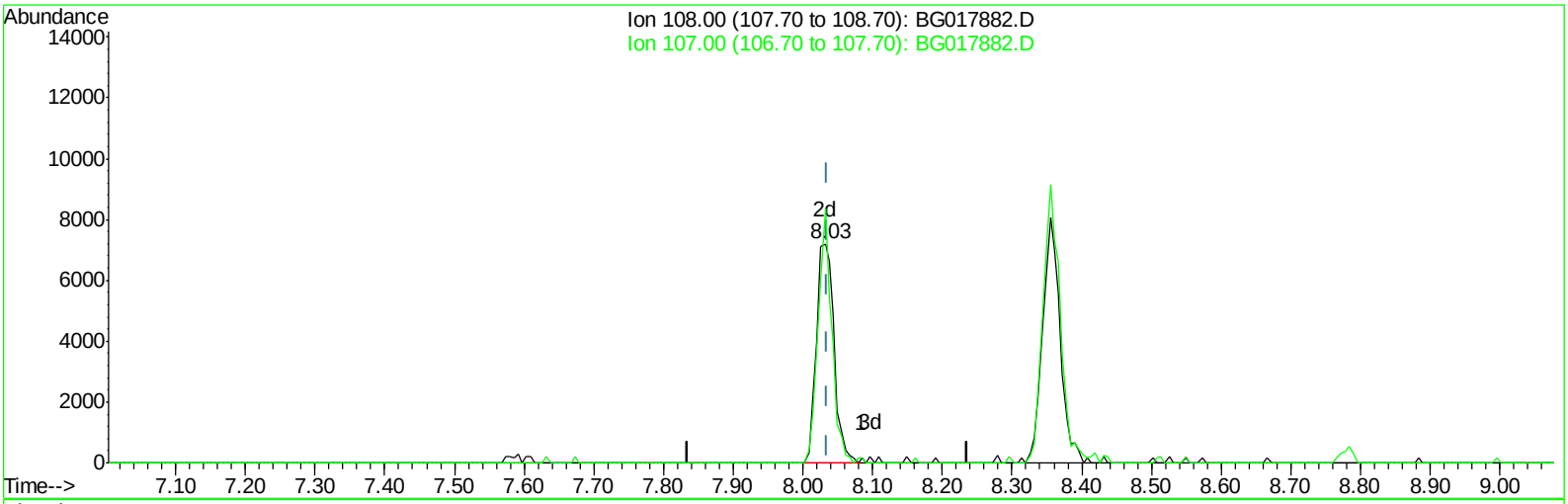

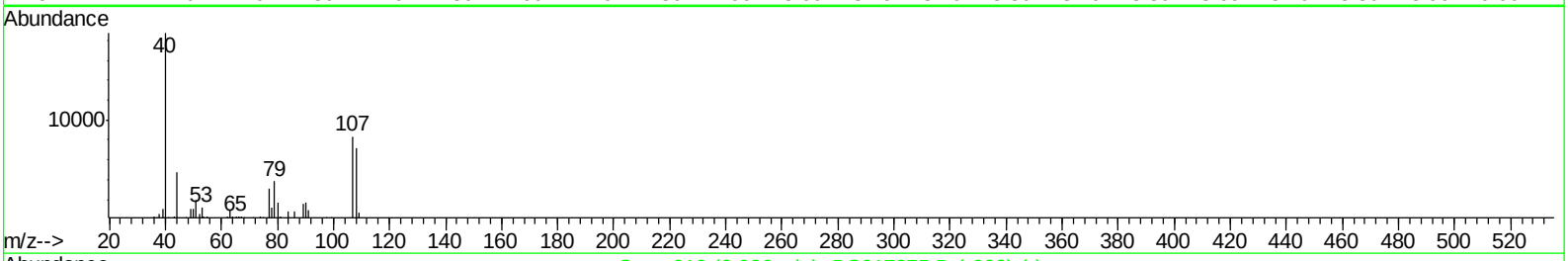

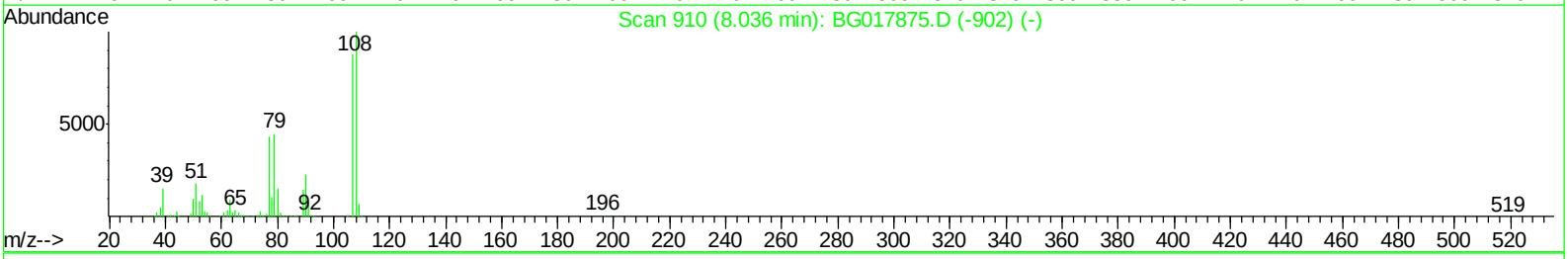

TIC: BG017882.D

(11) 2-Methylphenol

8.032min (-0.004) 2.56ng/ul m

response 12640

Ion	Exp%	Act%
108.00	100	100
107.00	90.10	116.22#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017882.D
Acq On : 15 Jul 2015 6:43
Operator : TP/UM
Sample : MDL-06-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 15 08:28:55 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Manual Integrations APPROVED
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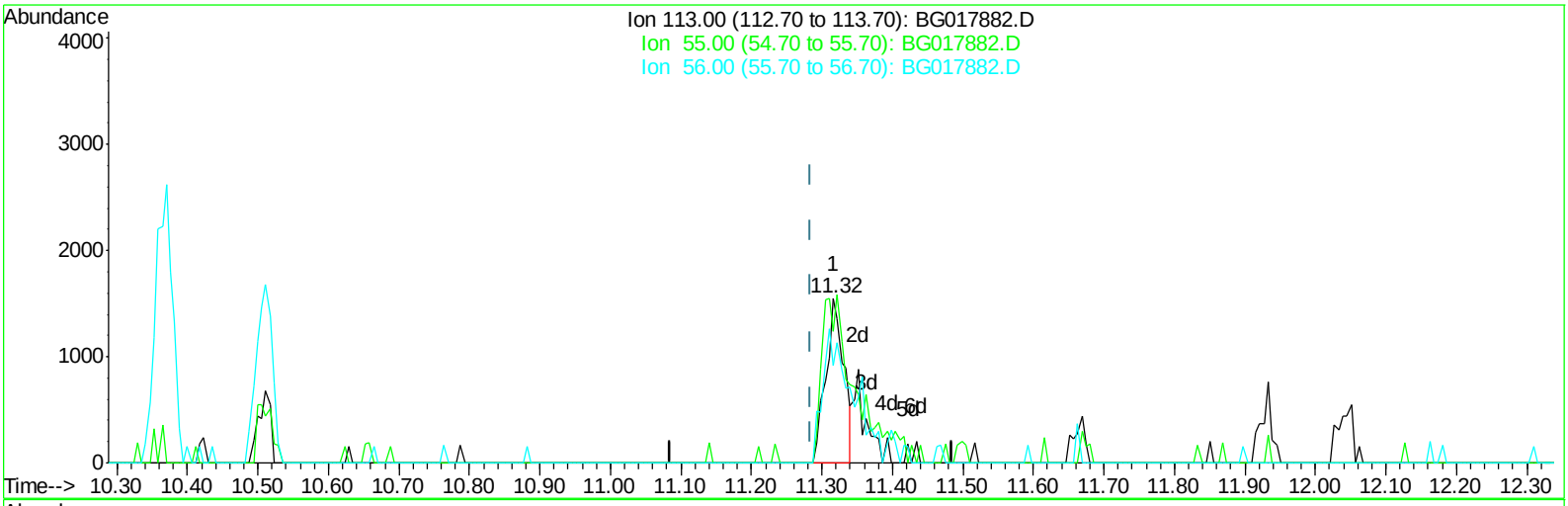

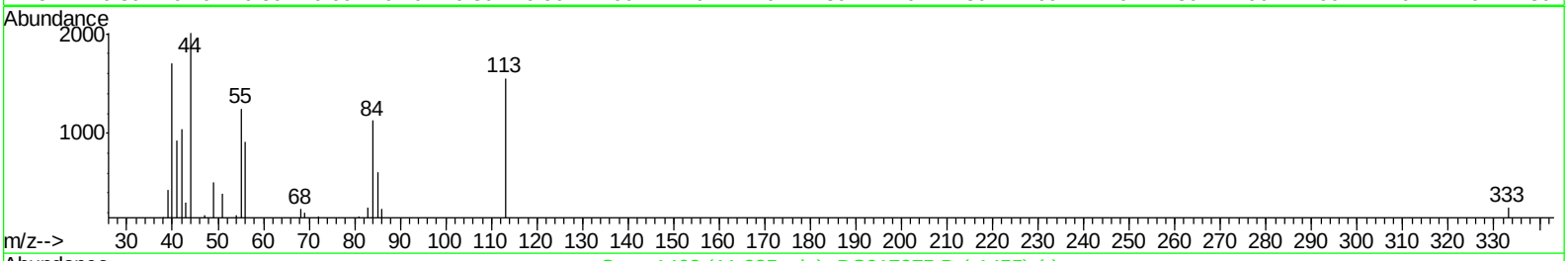

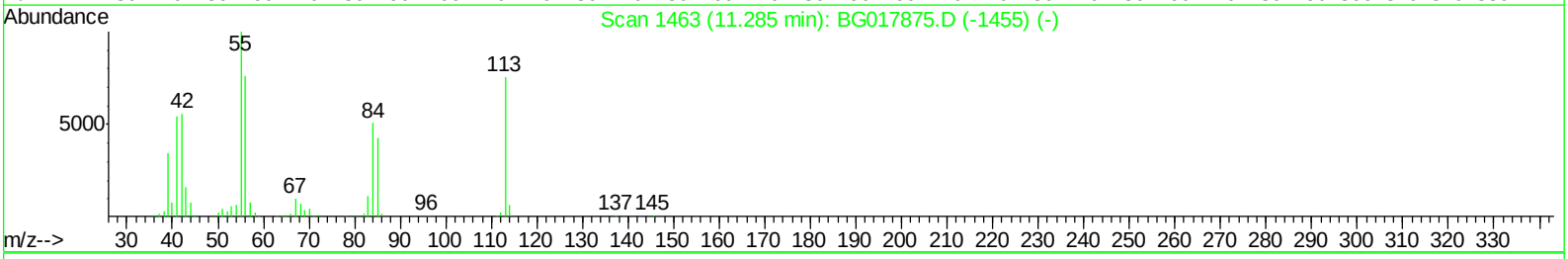

TIC: BG017882.D

(32) Caprolactam

11.316min (+0.031) 0.96ng/ul

response 2758

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	80.22#
56.00	112.20	58.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017882.D
Acq On : 15 Jul 2015 6:43
Operator : TP/UM
Sample : MDL-06-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 15 08:28:55 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Manual Integrations APPROVED
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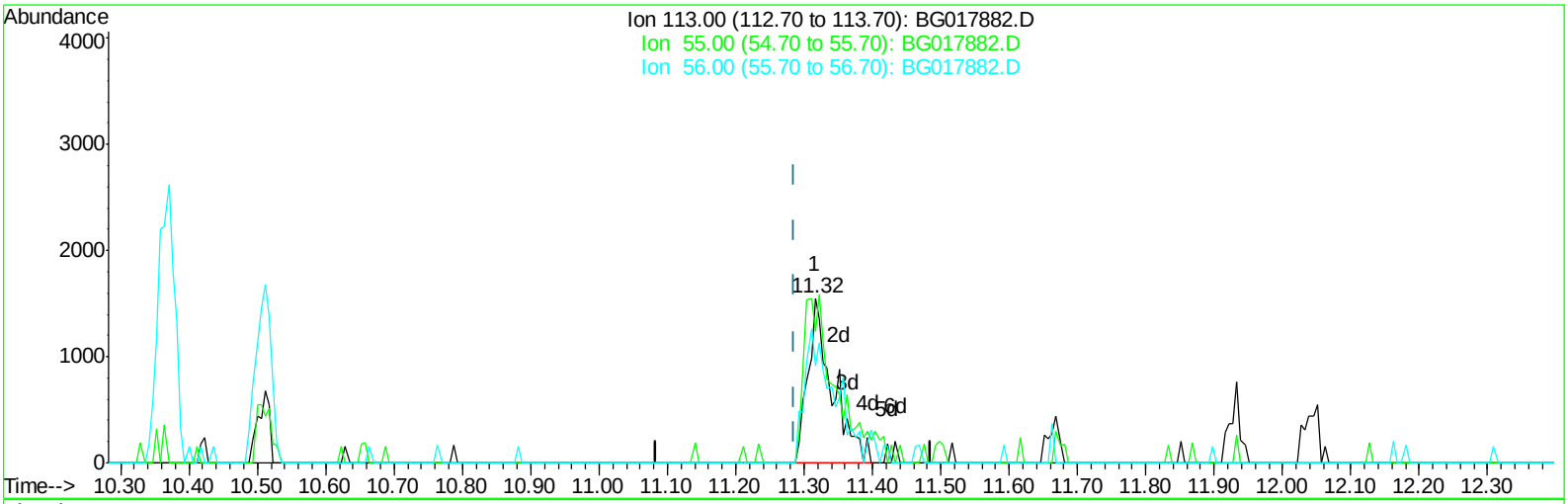

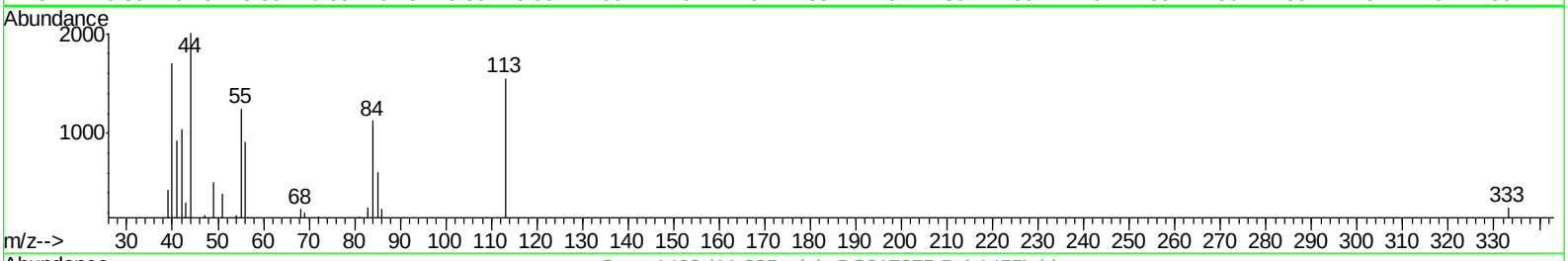

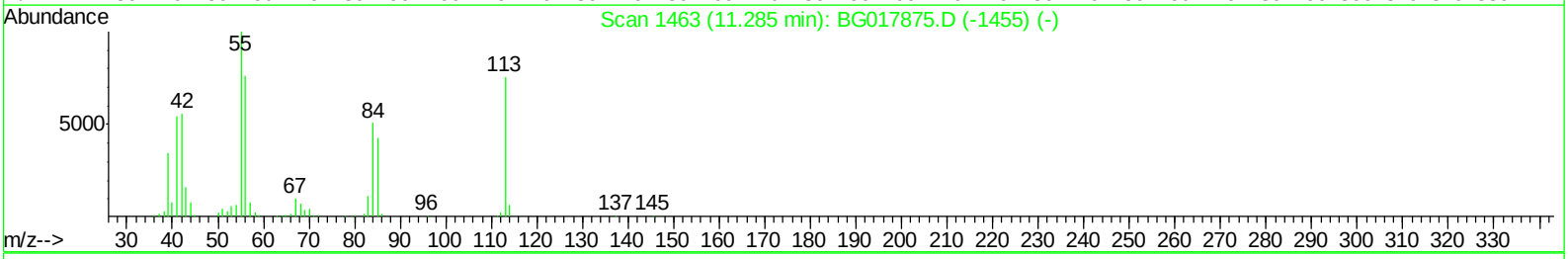

TIC: BG017882.D

(32) Caprolactam

11.316min (+0.031) 1.34ng/ul m

response 3863

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	80.22#
56.00	112.20	58.96#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017882.D
Acq On : 15 Jul 2015 6:43
Operator : TP/UM
Sample : MDL-06-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 15 08:28:55 2015
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Manual Integrations APPROVED
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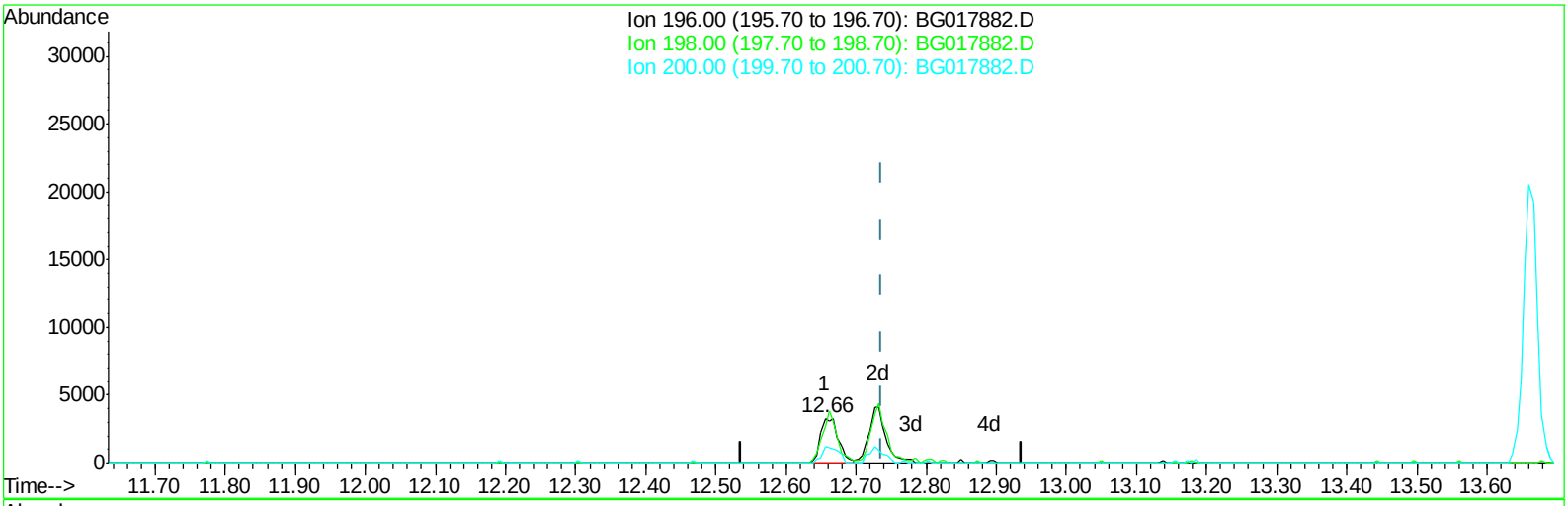

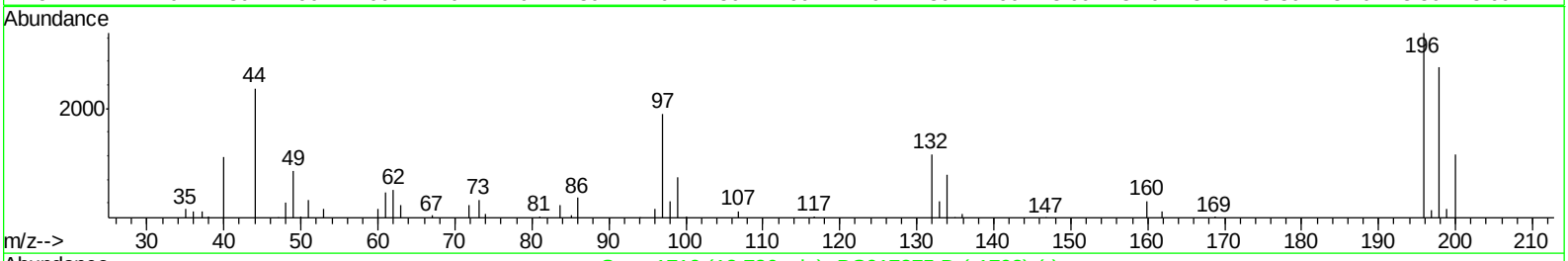

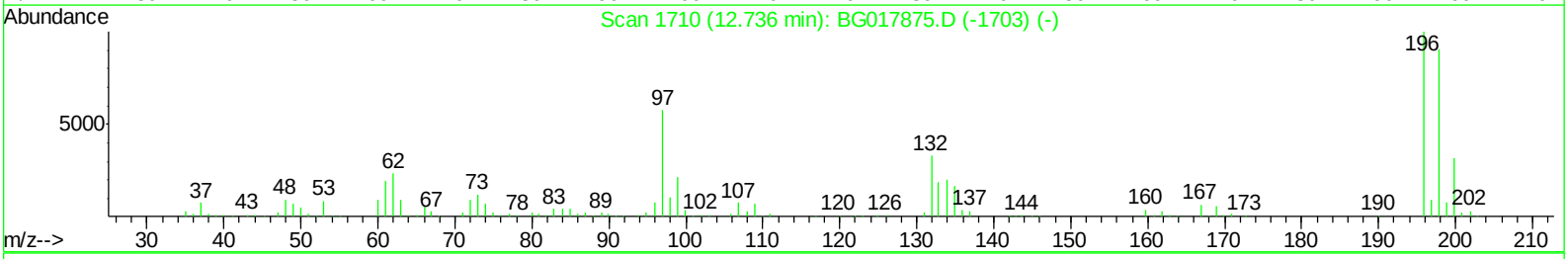

TIC: BG017882.D

(39) 2,4,5-Trichlorophenol

12.656min (-0.081) 2.08ng/ul

response 5854

Ion	Exp%	Act%
196.00	100	100
198.00	95.40	82.11
200.00	31.70	37.28
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc : MDL-WATER-SVOC-4PPM
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Quant Time: Jul 15 08:28:55 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Manual Integrations APPROVED
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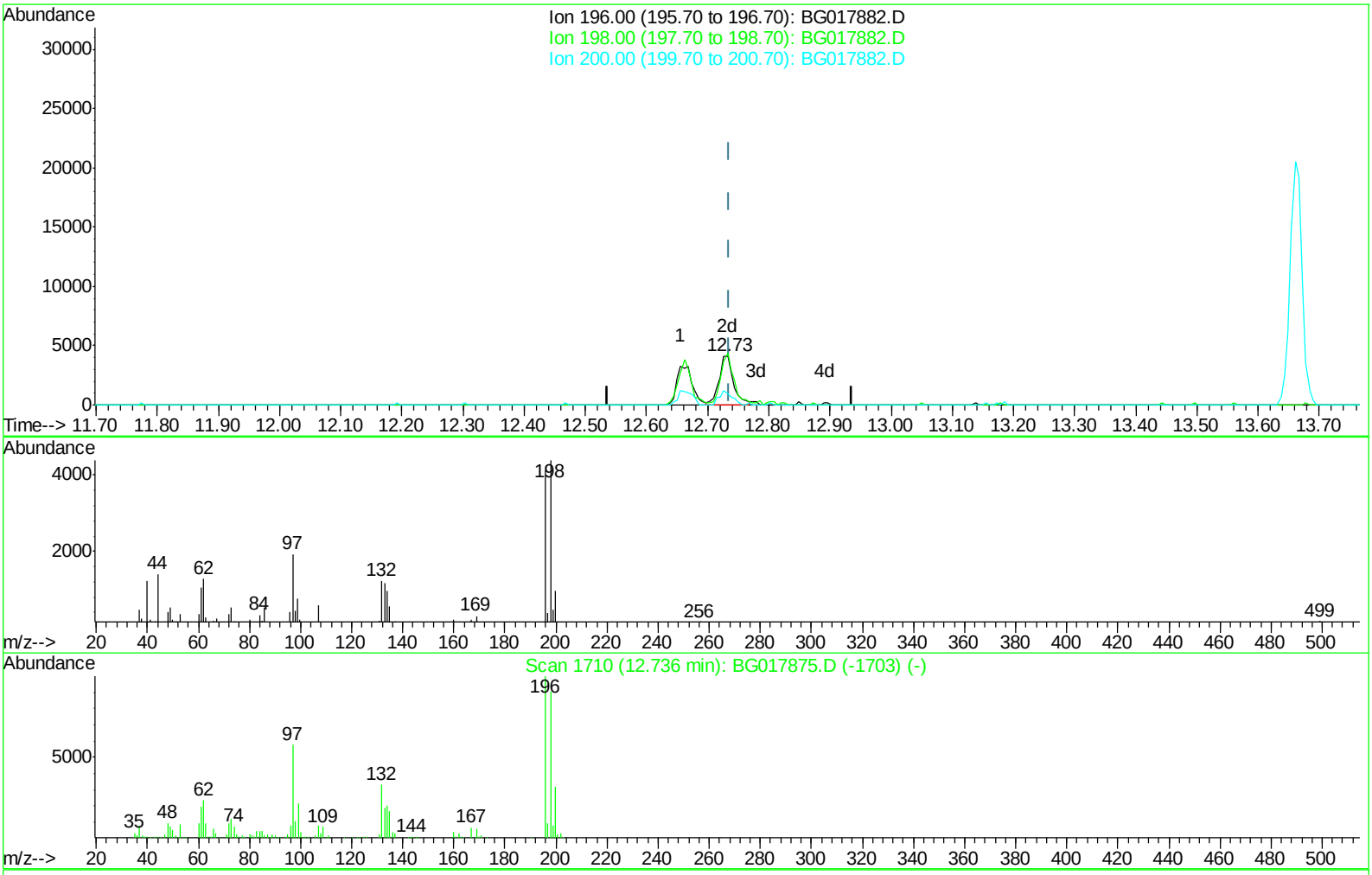

TIC: BG017882.D

(39) 2,4,5-Trichlorophenol

12.732min (-0.004) 2.40ng/ul m

response 6737

Ion	Exp%	Act%
196.00	100	100
198.00	95.40	106.58
200.00	31.70	23.15#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017882.D
Acq On : 15 Jul 2015 6:43
Operator : TP/UM
Sample : MDL-06-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jul 15 08:28:55 2015
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Manual Integrations APPROVED
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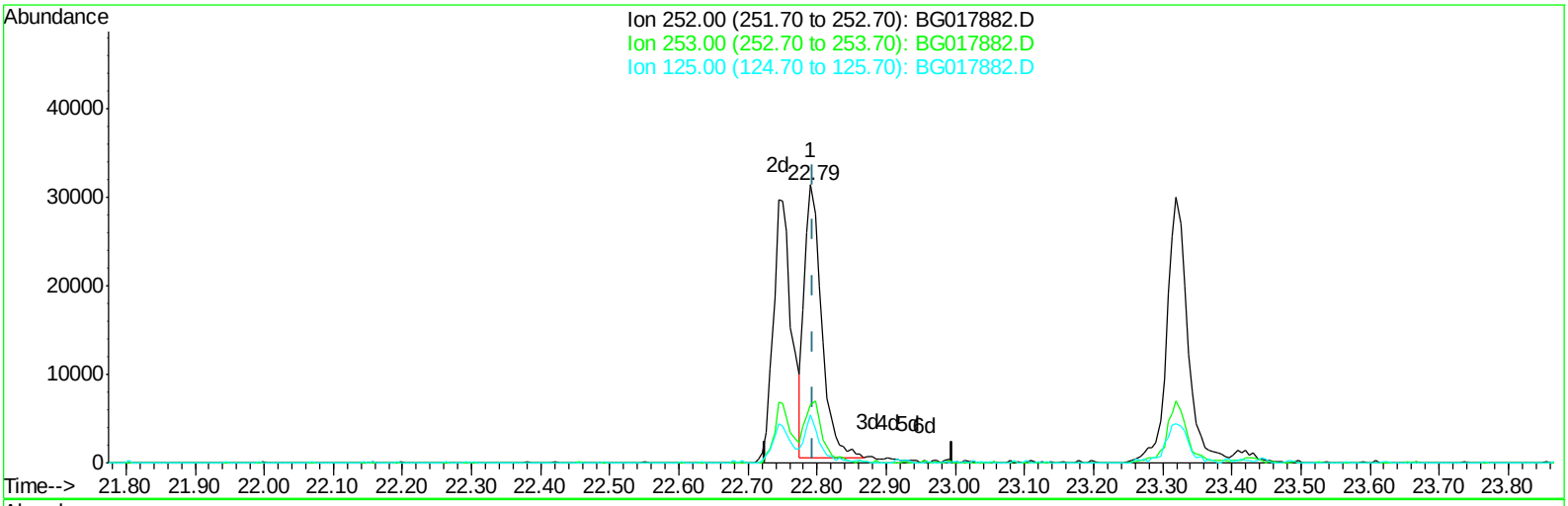

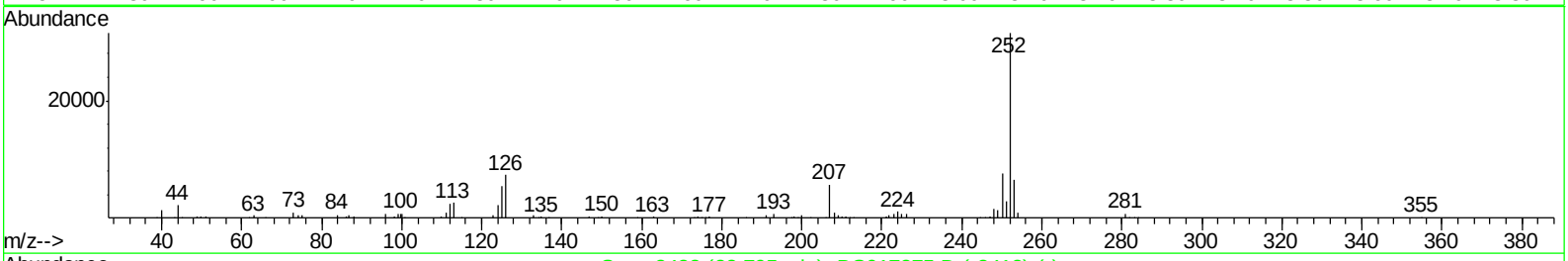

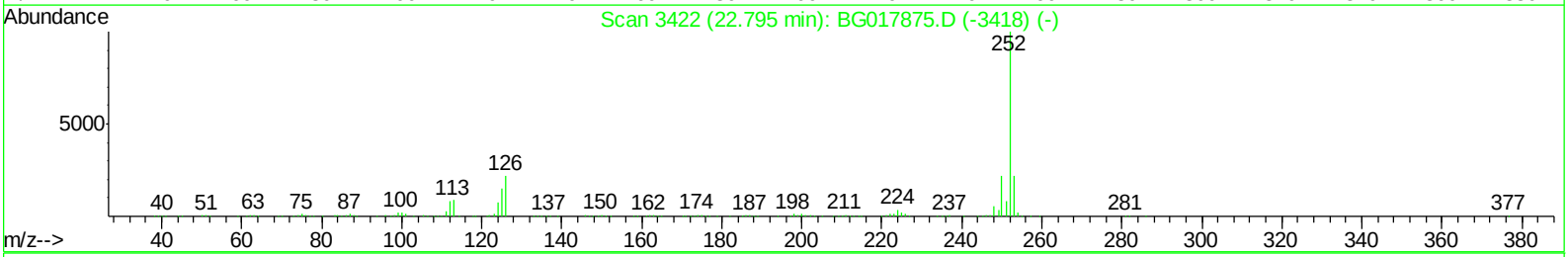

TIC: BG017882.D

(88) Benzo(k)fluoranthene

22.791min (-0.004) 2.90ng/ul

response 53842

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	20.84
125.00	16.40	17.47
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017882.D
Acq On : 15 Jul 2015 6:43
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Manual Integrations APPROVED
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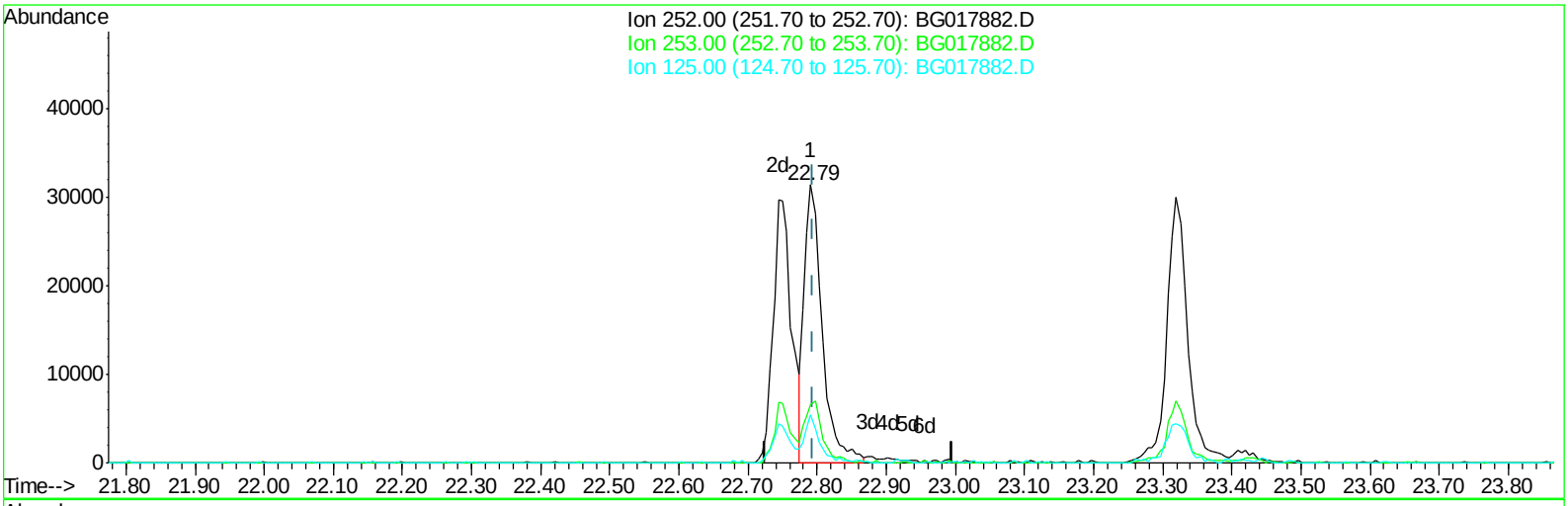

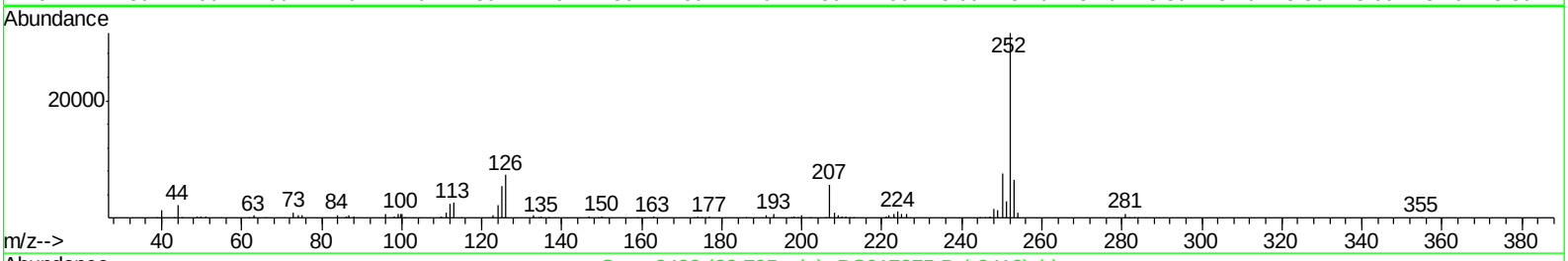

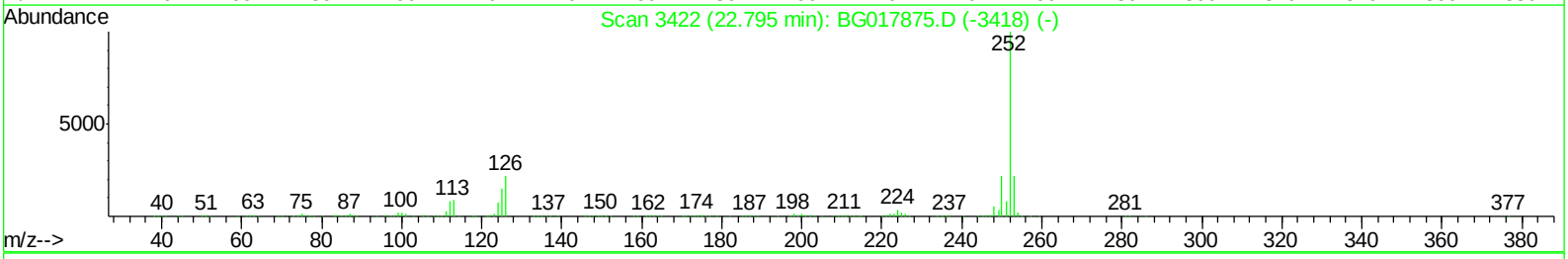

TIC: BG017882.D

(88) Benzo(k)fluoranthene

22.791min (-0.004) 3.05ng/ul m

response 56774

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	20.84
125.00	16.40	17.47
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017882.D
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Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-06-W

Manual Integrations APPROVED
apatel
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Quant Time: Jul 15 08:52:22 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	71806	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	324463	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	180546	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	367382	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	363657	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	327095	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	11691	5.83	ng/uL	0.00
5) Phenol-d5	6.76	99	204319	32.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	144623	34.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	164624	34.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	155803	32.82	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	90580	35.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	64273	33.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	128015	32.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	235316	41.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	443454	35.23	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	607156	37.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	72658	30.59	ng/ul	0.00
57) Fluorene-d10	15.24	176	429678	36.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	33343	19.40	ng/ul	0.00
70) Anthracene-d10	17.10	188	638867	38.37	ng/ul	0.00
78) Pyrene-d10	19.40	212	682102	39.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	596275	37.19	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	1645	0.77	ng/uL#	46
4) Benzaldehyde	6.74	77	14631	4.03	ng/ul	91
6) Phenol	6.79	94	18726	2.76	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.02	93	17597	3.18	ng/ul	90
10) 2-Chlorophenol	7.15	128	13591	2.80	ng/ul	90
11) 2-Methylphenol	8.03	108	12640m	2.56	ng/ul	
12) 2,2'-oxybis(1-Chloropropan	8.13	45	24302	3.02	ng/ul	95
14) Acetophenone	8.41	105	24154	3.06	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.40	70	15117	3.10	ng/ul#	89
16) 4-Methylphenol	8.36	108	14302	2.66	ng/ul	94
17) Hexachloroethane	8.65	117	6899	2.97	ng/ul	90
20) Nitrobenzene	8.78	77	20674	3.10	ng/ul	97
21) Isophorone	9.30	82	36635	2.93	ng/ul#	97
23) 2-Nitrophenol	9.49	139	6564	2.91	ng/ul#	88
24) 2,4-Dimethylphenol	9.56	107	14880	2.58	ng/ul#	91
25) Bis(2-Chloroethoxy)methane	9.79	93	20423	2.91	ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	11516	2.93	ng/ul	96
28) Naphthalene	10.42	128	52275	3.11	ng/ul	96
30) 4-Chloroaniline	10.53	127	17489	3.00	ng/ul	90
31) Hexachlorobutadiene	10.71	225	7143	2.88	ng/ul	97
32) Caprolactam	11.32	113	3863m	1.34	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	11356	2.35	ng/ul	91
34) 2-Methylnaphthalene	12.04	142	33500	2.94	ng/ul	93

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Data File : BG017882.D
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Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	14164	2.98	ng/ul	95
37) Hexachlorocyclopentadiene	12.40	237	5152	2.09	ng/ul#	91
38) 2,4,6-Trichlorophenol	12.66	196	5854	2.27	ng/ul#	92
39) 2,4,5-Trichlorophenol	12.73	196	6737m	2.40	ng/ul	
40) 1,1'-Biphenyl	13.07	154	42036	3.01	ng/ul#	96
41) 2-Chloronaphthalene	13.11	162	32320	3.01	ng/ul	95
42) 2-Nitroaniline	13.32	65	6223	1.98	ng/ul	87
44) Dimethylphthalate	13.71	163	40447	3.06	ng/ul#	94
45) 2,6-Dinitrotoluene	13.83	165	5736	2.38	ng/ul#	93
47) Acenaphthylene	13.96	152	56265	3.11	ng/ul	98
48) 3-Nitroaniline	14.15	138	6407	2.33	ng/ul	98
49) Acenaphthene	14.31	153	38016	3.12	ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	588	0.58	ng/ul#	76
52) 4-Nitrophenol	14.47	109	5493	2.73	ng/ul	96
53) Dibenzofuran	14.64	168	48966	3.06	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	8706	2.52	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	14.88	232	4416	2.04	ng/ul#	95
56) Diethylphthalate	15.08	149	37909	2.79	ng/ul	97
58) Fluorene	15.30	166	41848	3.01	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	20186	3.12	ng/ul	95
60) 4-Nitroaniline	15.32	138	7812	2.39	ng/ul#	92
63) 4,6-Dinitro-2-methylphenol	15.38	198	3460	1.80	ng/ul#	43
64) N-Nitrosodiphenylamine	15.51	169	33223	2.97	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	10427	2.96	ng/ul	92
66) Hexachlorobenzene	16.30	284	11447	2.99	ng/ul	98
67) Atrazine	16.47	200	9693	2.53	ng/ul	93
68) Pentachlorophenol	16.66	266	2681	1.41	ng/ul	96
69) Phenanthrene	17.04	178	64585	3.18	ng/ul	98
71) Anthracene	17.13	178	68790	3.31	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	13301	2.84	ng/uL	90
73) Pentachlorobenzene	14.56	250	15095	3.37	ng/uL	91
74) Carbazole	17.40	167	57363	3.17	ng/ul#	95
75) Di-n-butylphthalate	17.98	149	57278	2.52	ng/ul	97
76) Fluoranthene	19.07	202	67393	3.27	ng/ul	99
79) Pyrene	19.43	202	81692	3.65	ng/ul	96
80) Butylbenzylphthalate	20.35	149	16210	1.79	ng/ul#	93
81) 3,3'-Dichlorobenzidine	21.12	252	8491	1.56	ng/ul	96
82) Benzo(a)anthracene	21.18	228	65486	3.26	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	22836	1.82	ng/ul	94
84) Chrysene	21.23	228	61555	3.19	ng/ul	99
86) Di-n-octyl phthalate	22.00	149	33862	1.77	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	55447	3.07	ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	56774m	3.05	ng/ul	
90) Benzo(a)pyrene	23.32	252	63415	3.50	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	56022	2.89	ng/ul	97
92) Dibenzo(a,h)anthracene	25.68	278	44252	2.68	ng/ul	97
93) Benzo(g,h,i)perylene	26.34	276	48222	2.97	ng/ul#	95

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