Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017871.D
Acq On : 14 Jul 2015 23:08
Operator : TP/UM
Sample : MDL-04-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jul 15 06:08:20 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-05-S

Manual Integrations APPROVED
apatel
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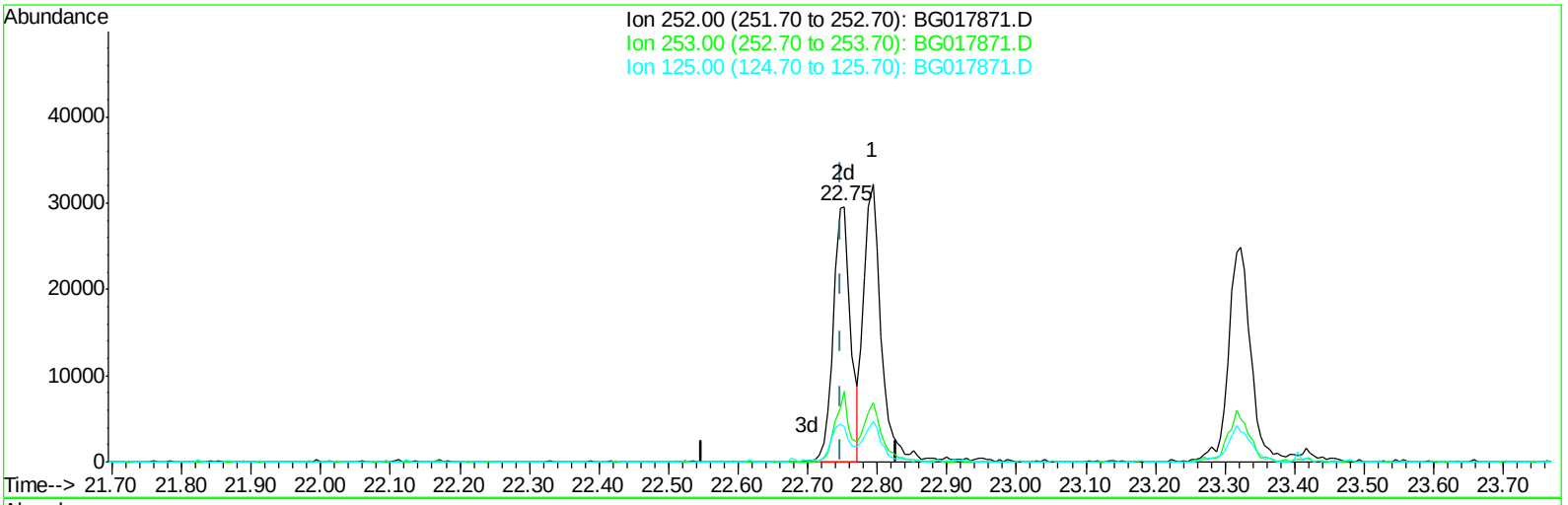

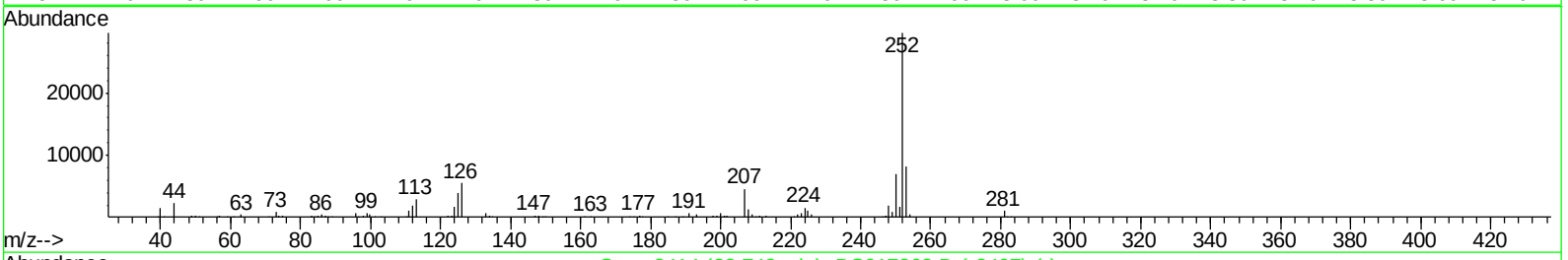

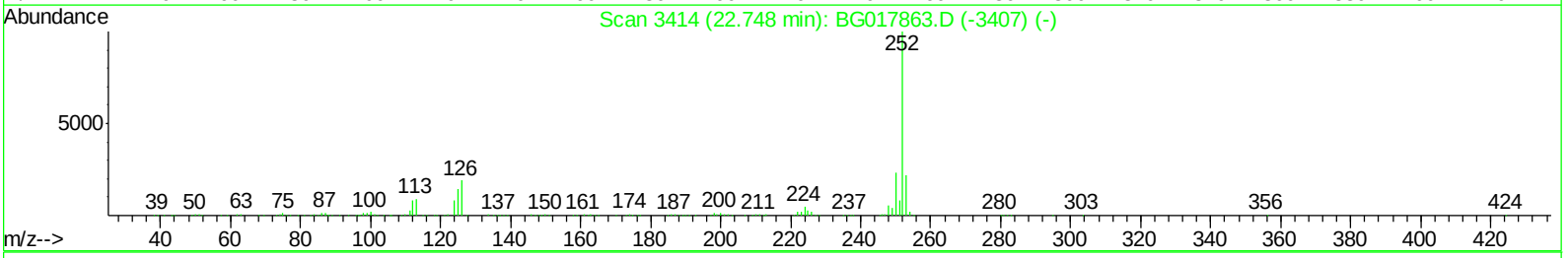

TIC: BG017871.D

(87) Benzo(b)fluoranthene

22.752min (+0.005) 2.84ng/ul m

response 50701

Ion	Exp%	Act%
252.00	100	100
253.00	22.00	27.55#
125.00	14.40	13.74
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017872.D
Acq On : 14 Jul 2015 23:43
Operator : TP/UM
Sample : MDL-05-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 15 06:08:46 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-05-S

Manual Integrations APPROVED
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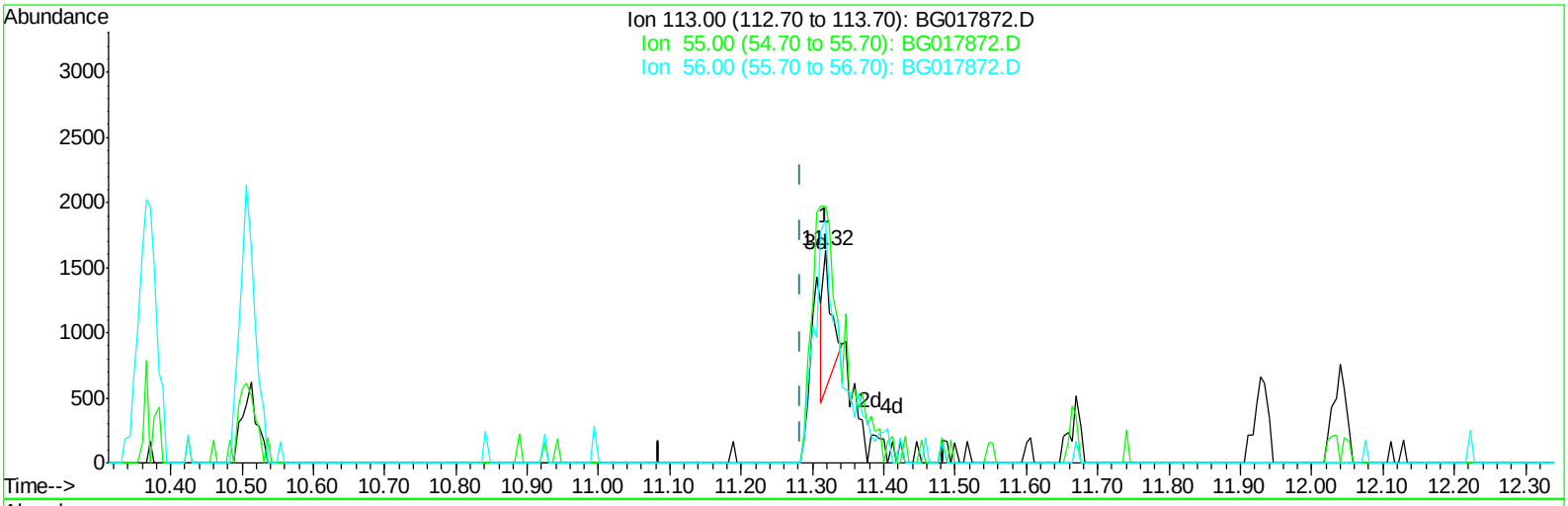

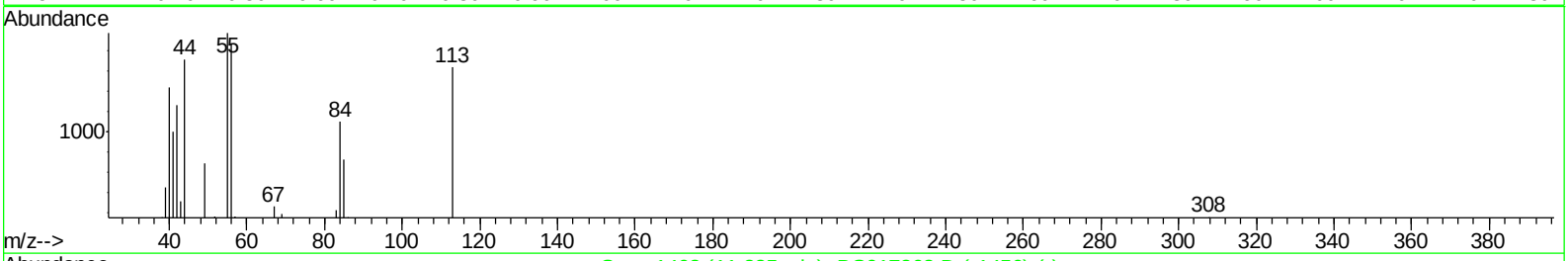

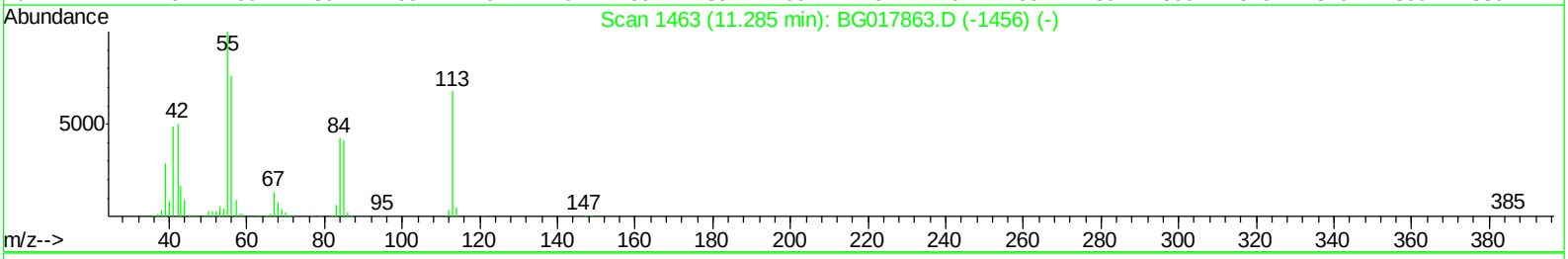

TIC: BG017872.D

(32) Caprolactam

11.318min (+0.033) 0.31ng/ul

response 816

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	120.98
56.00	112.20	114.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017872.D
Acq On : 14 Jul 2015 23:43
Operator : TP/UM
Sample : MDL-05-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 15 06:08:46 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-05-S

Manual Integrations APPROVED
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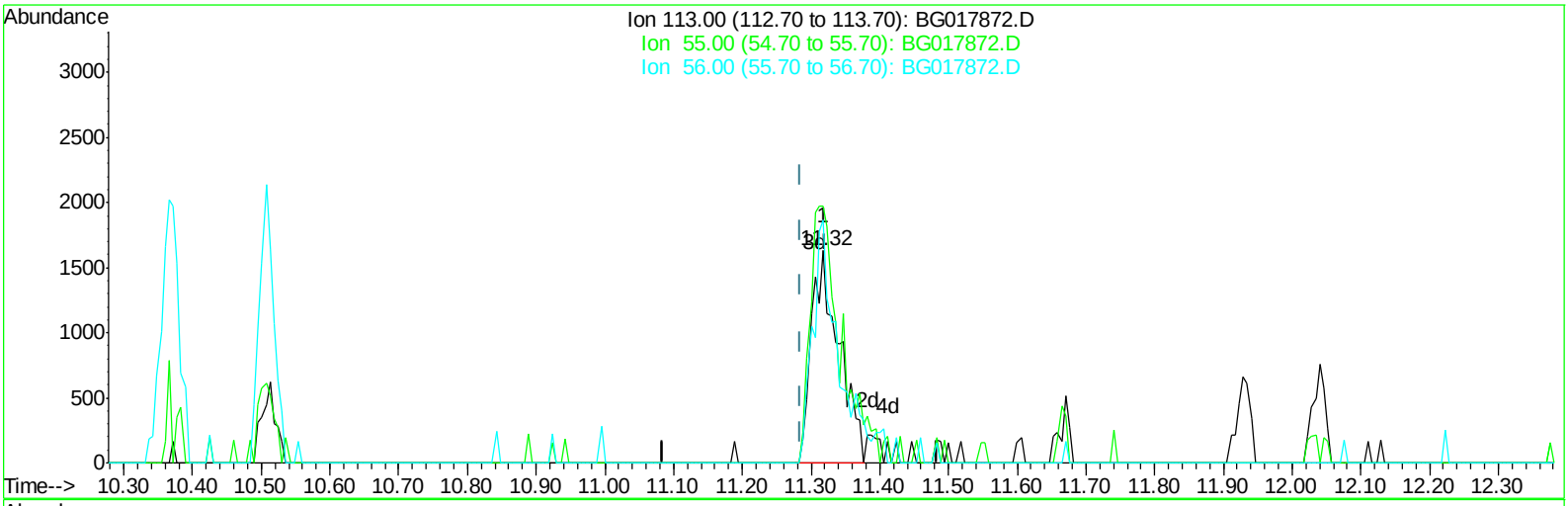

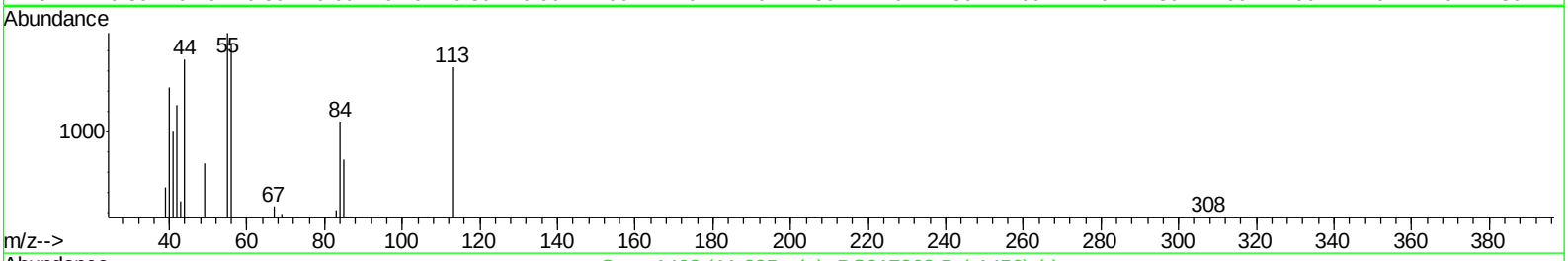

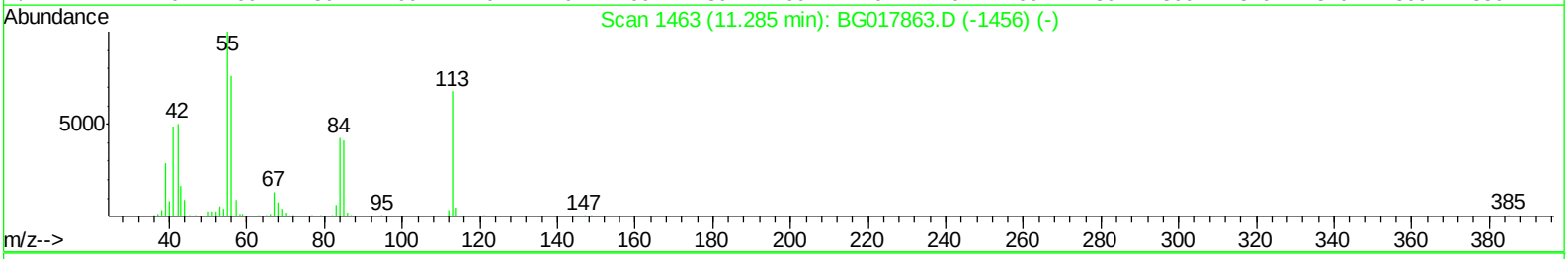

TIC: BG017872.D

(32) Caprolactam

11.318min (+0.033) 1.74ng/ul m

response 4529

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	120.98
56.00	112.20	114.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017872.D
Acq On : 14 Jul 2015 23:43
Operator : TP/UM
Sample : MDL-05-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 15 06:08:46 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-05-S

Manual Integrations APPROVED
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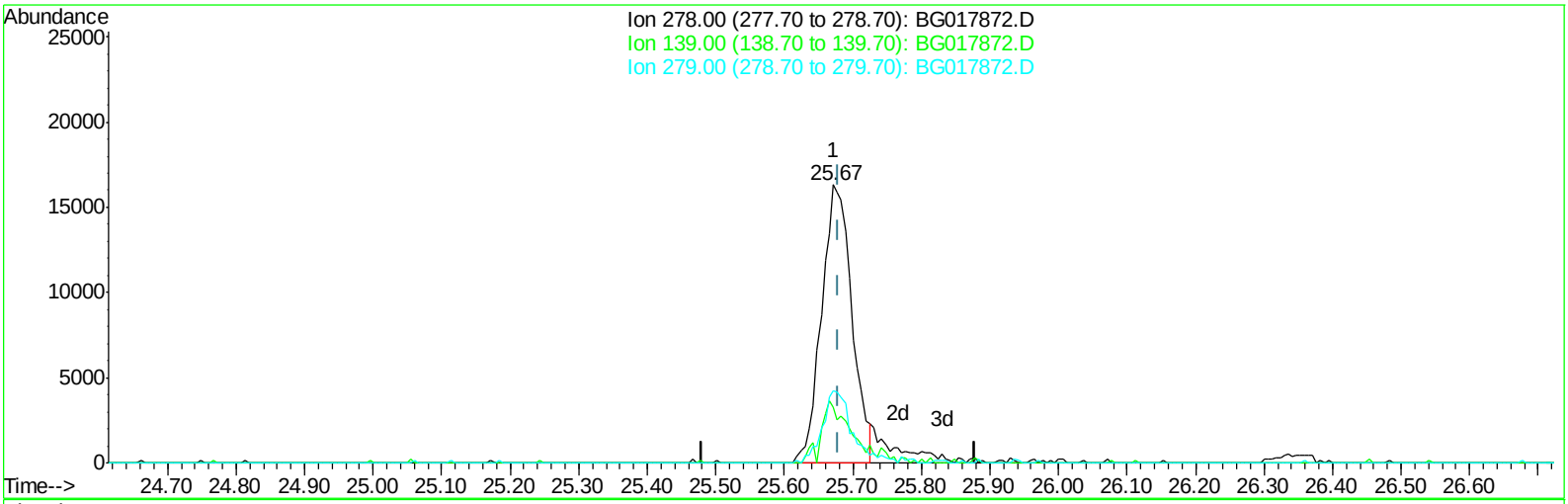

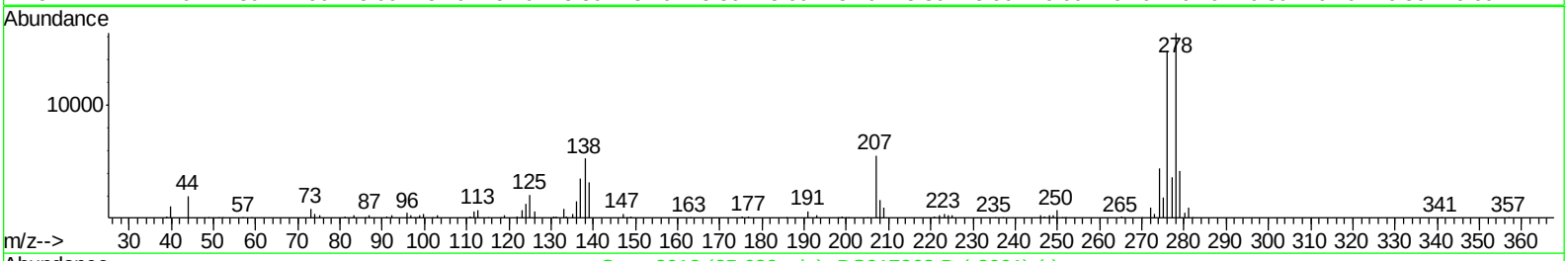

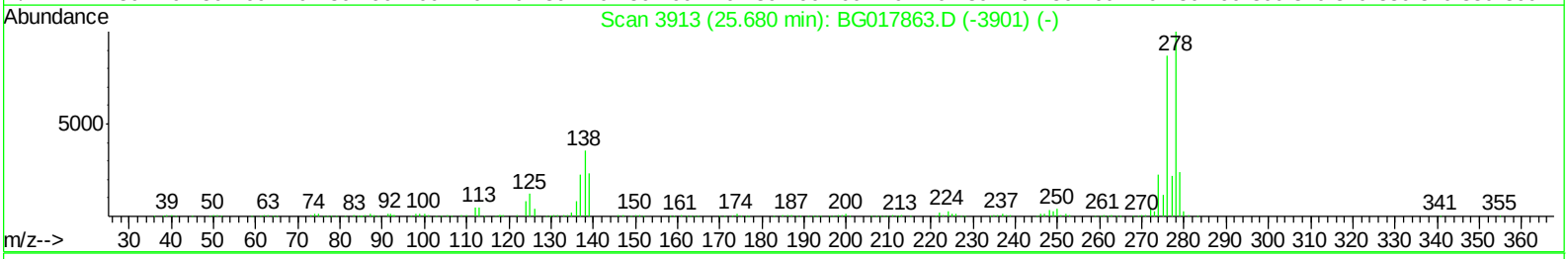

TIC: BG017872.D

(92) Dibenzo(a,h)anthracene

25.671min (-0.008) 3.16ng/ul

response 49984

Ion	Exp%	Act%
278.00	100	100
139.00	23.00	19.93
279.00	24.20	25.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017872.D
Acq On : 14 Jul 2015 23:43
Operator : TP/UM
Sample : MDL-05-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 15 06:08:46 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-05-S

Manual Integrations APPROVED
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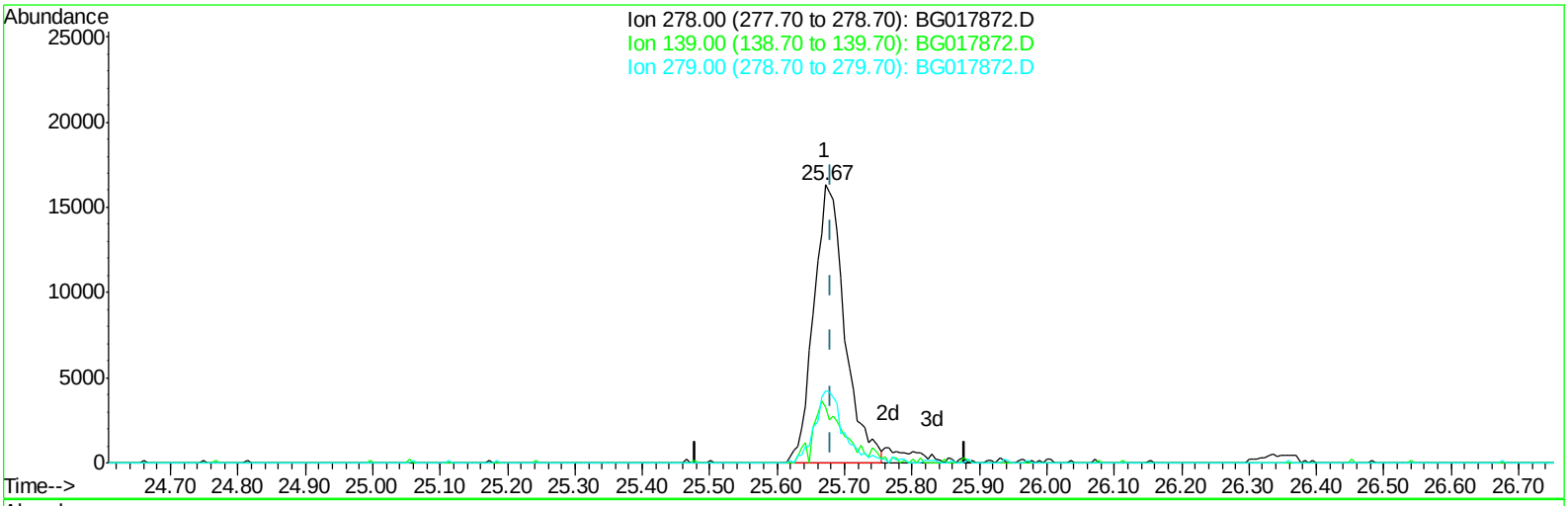

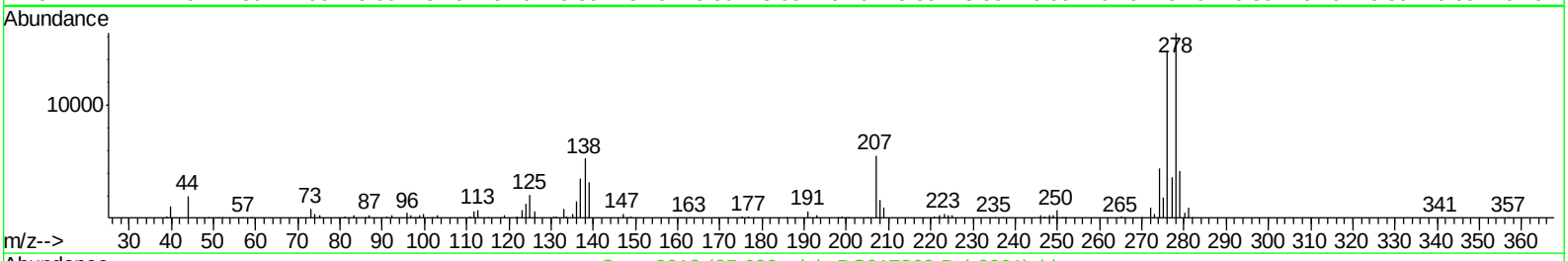

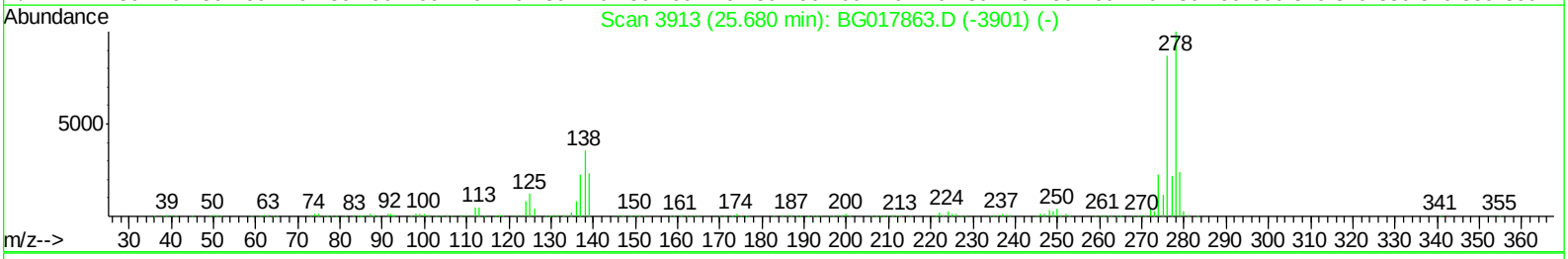

TIC: BG017872.D

(92) Dibenzo(a,h)anthracene

25.671min (-0.008) 3.30ng/ul m

response 52247

Ion	Exp%	Act%
278.00	100	100
139.00	23.00	19.93
279.00	24.20	25.89
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017872.D
Acq On : 14 Jul 2015 23:43
Operator : TP/UM
Sample : MDL-05-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
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7/16/2015 8:18:37 AM

Quant Time: Jul 15 06:59:40 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	64225	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	292428	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	162944	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	332257	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	336330	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	313947	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	11600	6.46	ng/uL	0.00
5) Phenol-d5	6.76	99	197998	35.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	137178	36.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	155945	36.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	150853	35.53	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	83477	36.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	64221	37.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	118786	33.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	223692	44.21	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	433523	38.16	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	566812	38.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	69670	32.50	ng/ul	0.00
57) Fluorene-d10	15.24	176	401193	37.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	33642	21.64	ng/ul	0.00
70) Anthracene-d10	17.09	188	591763	39.30	ng/ul	0.00
78) Pyrene-d10	19.40	212	646202	40.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	578617	37.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	1715	0.89	ng/uL#	51
4) Benzaldehyde	6.74	77	15261	4.70	ng/ul	94
6) Phenol	6.79	94	20789	3.42	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.03	93	18406	3.71	ng/ul	89
10) 2-Chlorophenol	7.15	128	14676	3.38	ng/ul	99
11) 2-Methylphenol	8.03	108	13830	3.13	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.12	45	26760	3.72	ng/ul#	90
14) Acetophenone	8.40	105	25865	3.66	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.39	70	14924	3.43	ng/ul#	98
16) 4-Methylphenol	8.36	108	15075	3.13	ng/ul#	76
17) Hexachloroethane	8.66	117	7461	3.60	ng/ul	94
20) Nitrobenzene	8.78	77	21183	3.52	ng/ul	95
21) Isophorone	9.30	82	38797	3.44	ng/ul	98
23) 2-Nitrophenol	9.48	139	7006	3.44	ng/ul#	95
24) 2,4-Dimethylphenol	9.56	107	16058	3.09	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.80	93	21230	3.35	ng/ul	91
27) 2,4-Dichlorophenol	10.02	162	11556	3.26	ng/ul	89
28) Naphthalene	10.42	128	53701	3.55	ng/ul	98
30) 4-Chloroaniline	10.54	127	19445	3.70	ng/ul	97
31) Hexachlorobutadiene	10.71	225	7687	3.44	ng/ul	96
32) Caprolactam	11.32	113	4529m	1.74	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	12560	2.89	ng/ul#	96
34) 2-Methylnaphthalene	12.04	142	34535	3.37	ng/ul	86

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017872.D
Acq On : 14 Jul 2015 23:43
Operator : TP/UM
Sample : MDL-05-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-05-S

Manual Integrations APPROVED
apatel
7/16/2015 8:18:37 AM

Quant Time: Jul 15 06:59:40 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	14851	3.46 ng/ul#	95
37) Hexachlorocyclopentadiene	12.40	237	5755	2.58 ng/ul	91
38) 2,4,6-Trichlorophenol	12.67	196	6150	2.65 ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	7704	3.04 ng/ul	87
40) 1,1'-Biphenyl	13.07	154	44844	3.56 ng/ul	99
41) 2-Chloronaphthalene	13.11	162	34135	3.53 ng/ul	96
42) 2-Nitroaniline	13.33	65	7556	2.66 ng/ul	87
44) Dimethylphthalate	13.71	163	45545	3.82 ng/ul#	97
45) 2,6-Dinitrotoluene	13.83	165	5550	2.55 ng/ul#	82
47) Acenaphthylene	13.96	152	59370	3.64 ng/ul	98
48) 3-Nitroaniline	14.15	138	7350	2.97 ng/ul	90
49) Acenaphthene	14.31	153	40914	3.73 ng/ul	100
50) 2,4-Dinitrophenol	14.37	184	691	0.75 ng/ul#	67
52) 4-Nitrophenol	14.46	109	6005	3.30 ng/ul	85
53) Dibenzofuran	14.64	168	51467	3.56 ng/ul	90
54) 2,4-Dinitrotoluene	14.61	165	9325	2.99 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.88	232	5036	2.57 ng/ul#	90
56) Diethylphthalate	15.08	149	43588	3.55 ng/ul	99
58) Fluorene	15.30	166	45384	3.61 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	21518	3.69 ng/ul	93
60) 4-Nitroaniline	15.32	138	8419	2.85 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.38	198	3982	2.30 ng/ul#	92
64) N-Nitrosodiphenylamine	15.51	169	35593	3.52 ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	10951	3.44 ng/ul	92
66) Hexachlorobenzene	16.30	284	12882	3.72 ng/ul	98
67) Atrazine	16.47	200	11472	3.31 ng/ul	98
68) Pentachlorophenol	16.65	266	3239	1.89 ng/ul#	71
69) Phenanthrene	17.04	178	69343	3.78 ng/ul	96
71) Anthracene	17.13	178	72169	3.84 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	14119	3.34 ng/uL	90
73) Pentachlorobenzene	14.56	250	16151	3.98 ng/uL	95
74) Carbazole	17.40	167	61858	3.78 ng/ul	97
75) Di-n-butylphthalate	17.98	149	65817	3.20 ng/ul	99
76) Fluoranthene	19.07	202	72297	3.88 ng/ul	96
79) Pyrene	19.43	202	80369	3.88 ng/ul	98
80) Butylbenzylphthalate	20.35	149	21553	2.58 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.12	252	10818	2.15 ng/ul#	92
82) Benzo(a)anthracene	21.18	228	68465	3.69 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	26482	2.28 ng/ul	95
84) Chrysene	21.24	228	65067	3.65 ng/ul	99
86) Di-n-octyl phthalate	22.00	149	41571	2.26 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	58962	3.40 ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	63603	3.56 ng/ul	98
90) Benzo(a)pyrene	23.32	252	63888	3.67 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	58125	3.12 ng/ul	94
92) Dibenzo(a,h)anthracene	25.67	278	52247m	3.30 ng/ul	
93) Benzo(g,h,i)perylene	26.35	276	52685	3.38 ng/ul	96

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071415\
Data File : BG017872.D
Acq On : 14 Jul 2015 23:43
Operator : TP/UM
Sample : MDL-05-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 15 06:59:40 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-05-S

Manual Integrations APPROVED
apatel
7/16/2015 8:18:37 AM