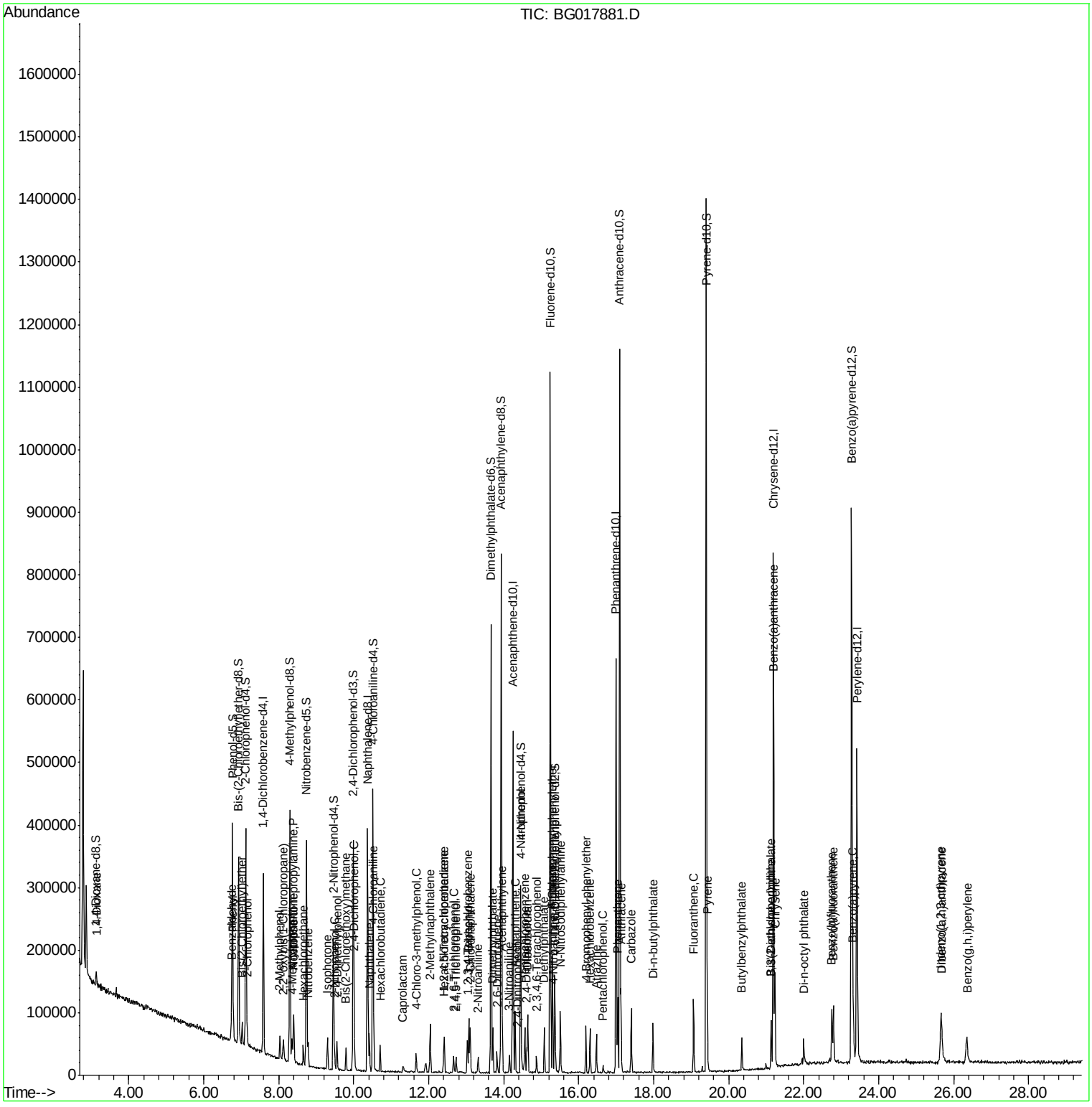
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017881.D
Acq On : 15 Jul 2015 6:08
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 15 08:56:09 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-05-W

Manual Integrations APPROVED
apatel
7/16/2015 8:19:30 AM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017881.D
Acq On : 15 Jul 2015 6:08
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 15 08:28:16 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-05-W

Manual Integrations APPROVED
apatel
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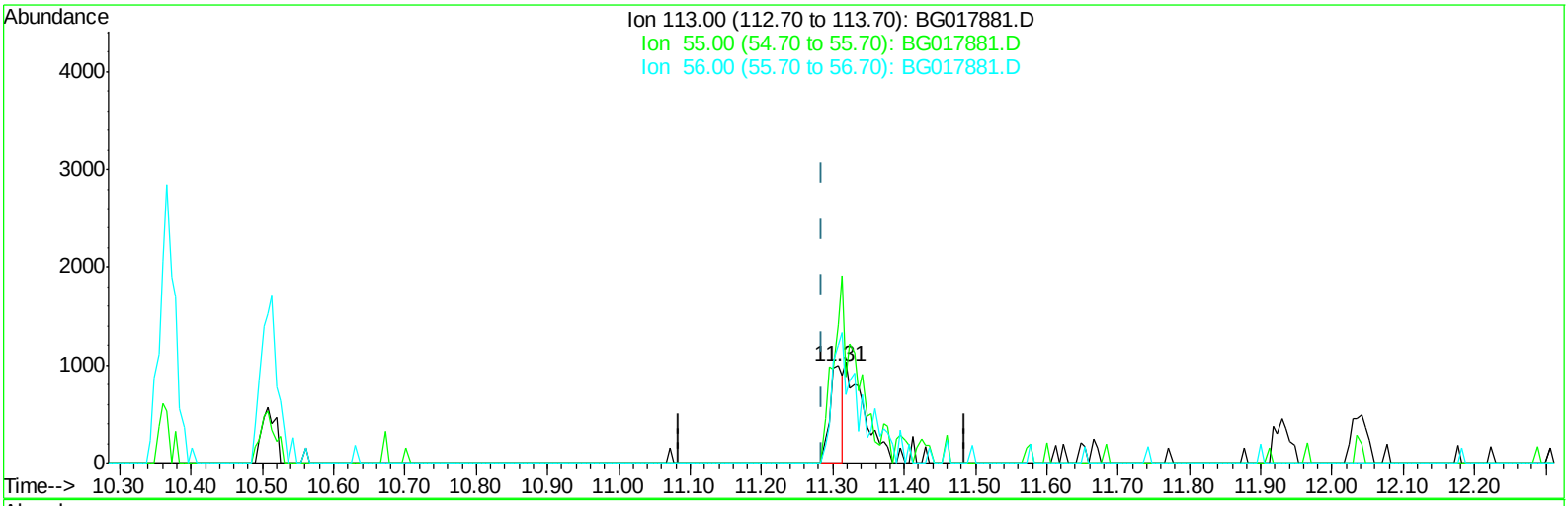

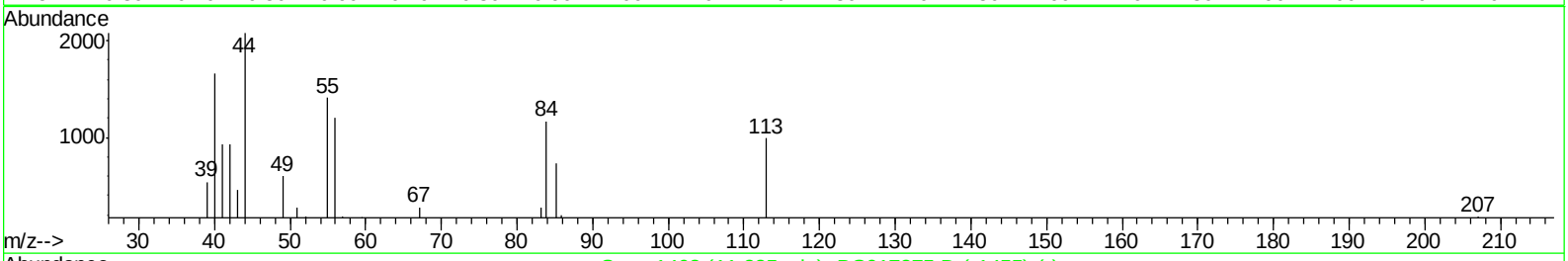

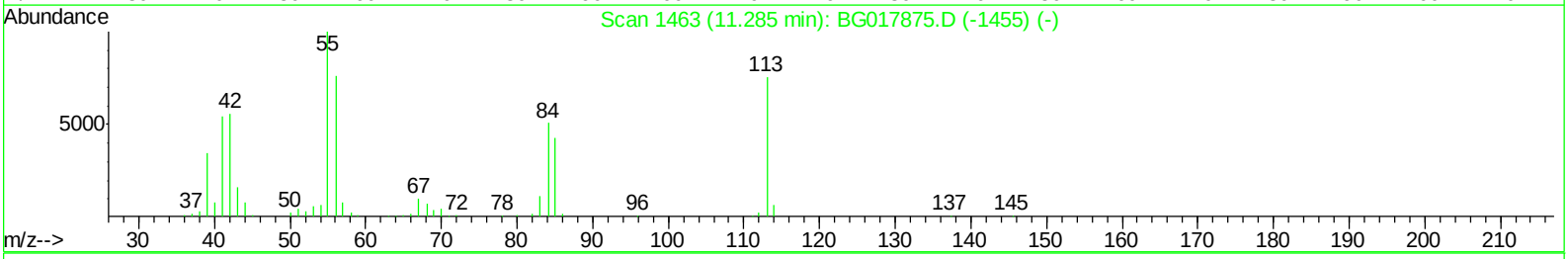

TIC: BG017881.D

(32) Caprolactam

11.307min (+0.021) 0.47ng/ul

response 1243

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	142.08
56.00	112.20	121.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017881.D
Acq On : 15 Jul 2015 6:08
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 15 08:28:16 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-05-W

Manual Integrations APPROVED
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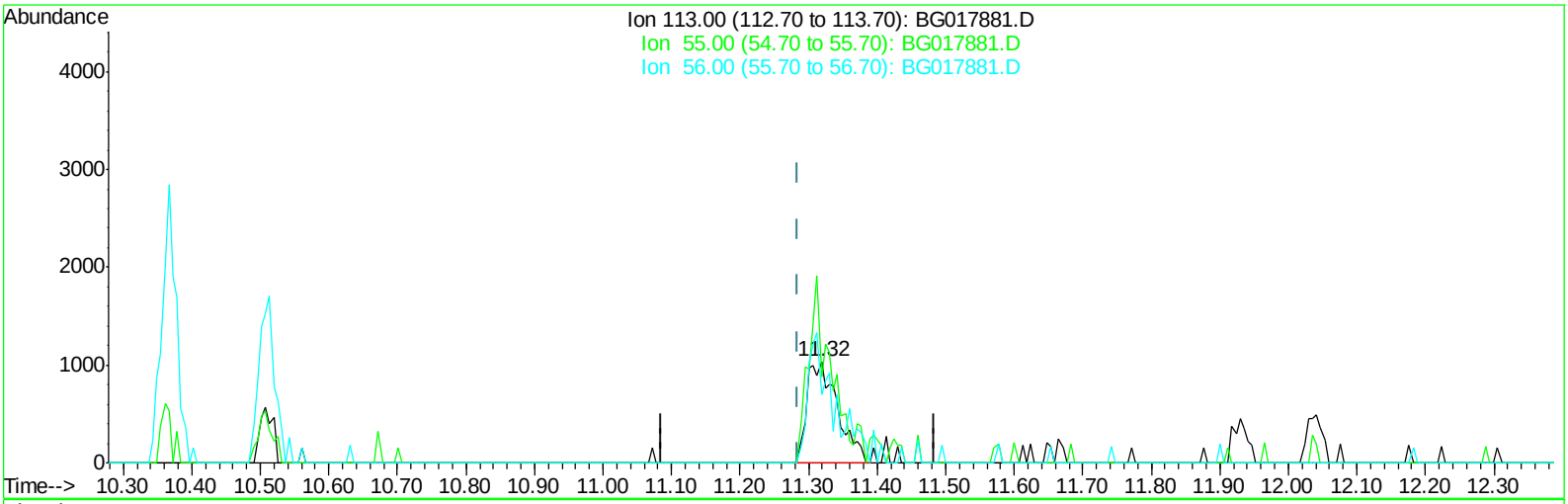

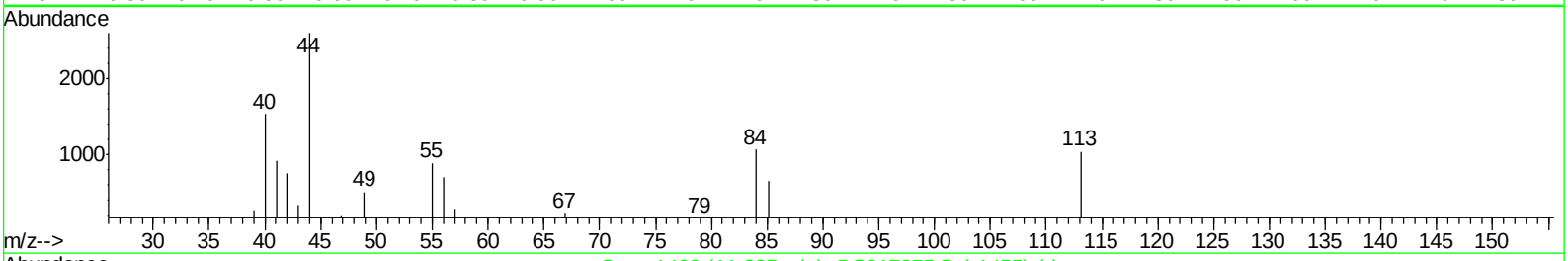

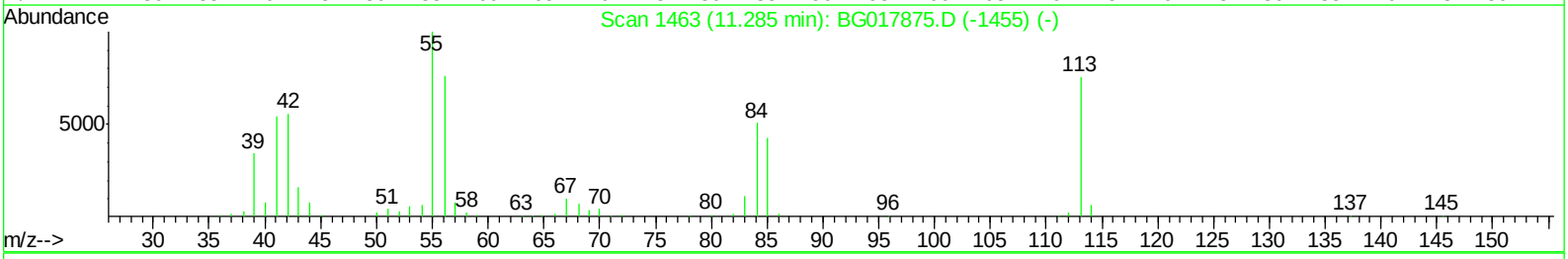

TIC: BG017881.D

(32) Caprolactam

11.318min (+0.033) 1.20ng/ul m

response 3213

Ion	Exp%	Act%
113.00	100	100
55.00	147.70	85.23#
56.00	112.20	67.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017881.D
Acq On : 15 Jul 2015 6:08
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 15 08:28:16 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-05-W

Manual Integrations APPROVED
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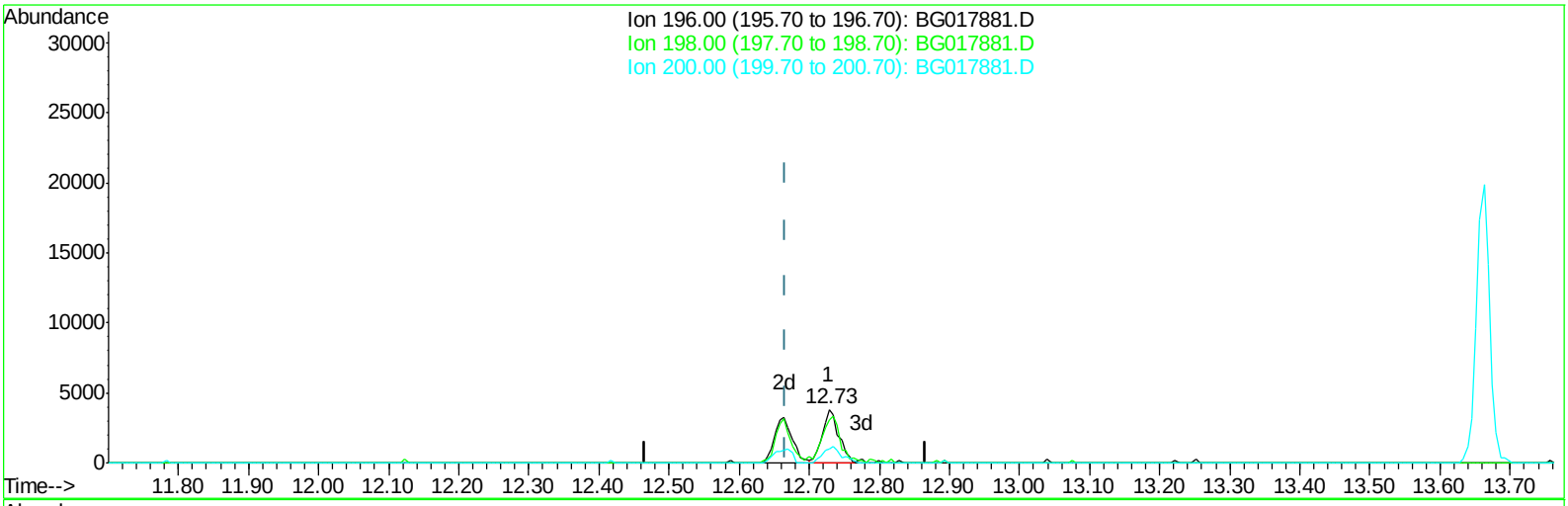

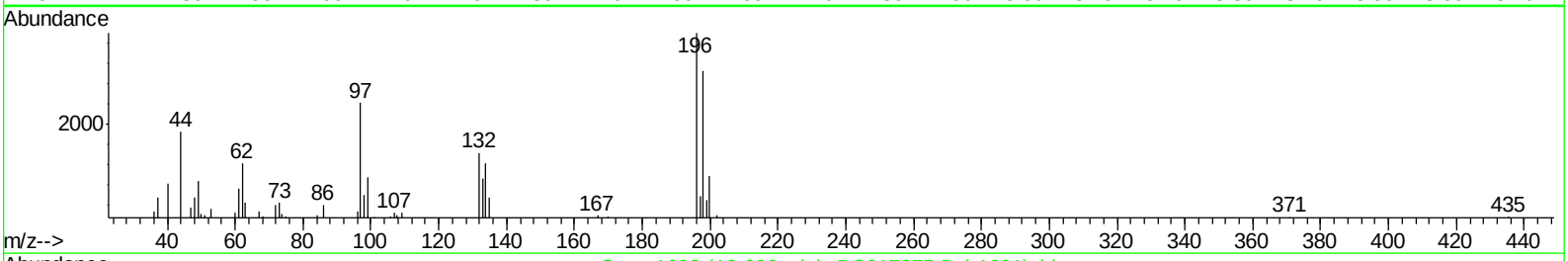

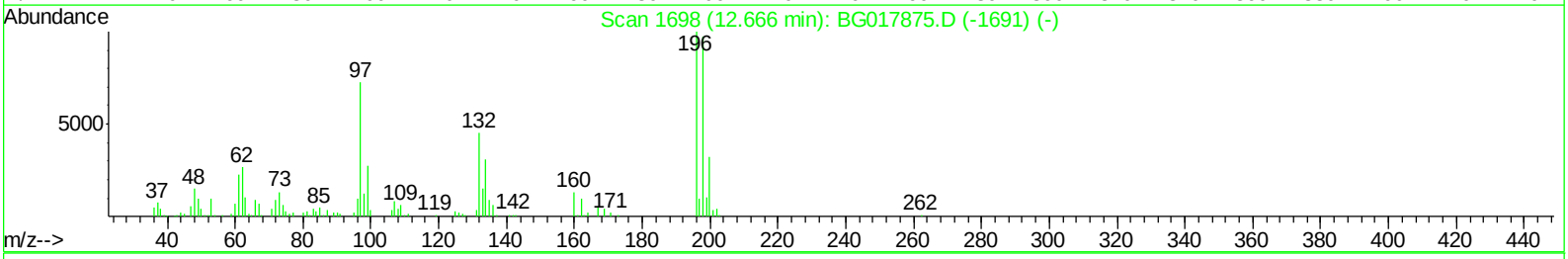

TIC: BG017881.D

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

12.728min (+0.063) 2.61ng/ul

response 6189

Ion	Exp%	Act%
196.00	100	100
198.00	86.20	80.21
200.00	27.80	25.81
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017881.D
Acq On : 15 Jul 2015 6:08
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 15 08:28:16 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-05-W

Manual Integrations APPROVED
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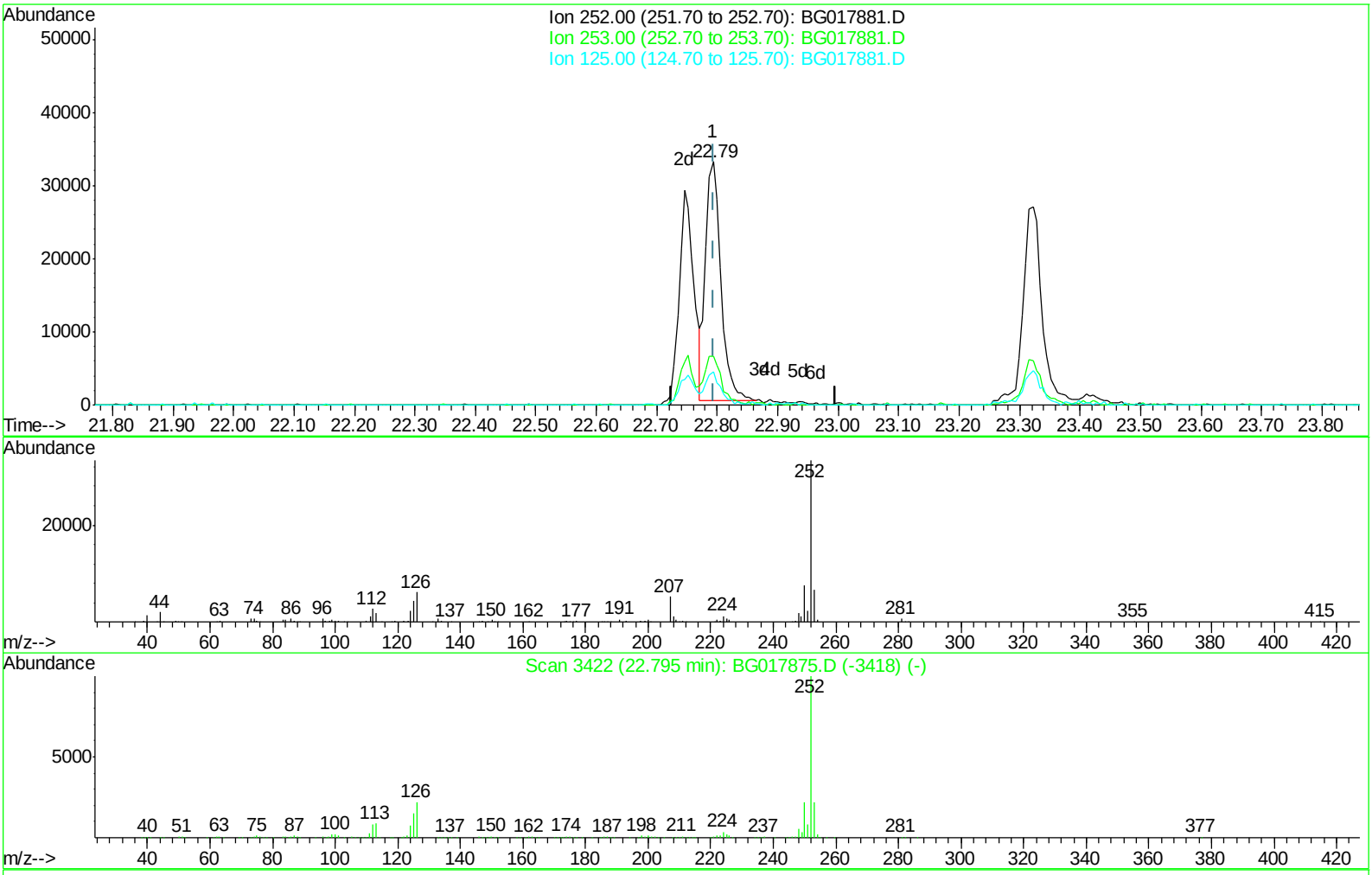


TIC: BG017881.D

(88) Benzo(k)fluoranthene

22.793min (-0.002) 3.27ng/ul

response 57719

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	19.95
125.00	16.40	13.71
0.00	0.00	0.00

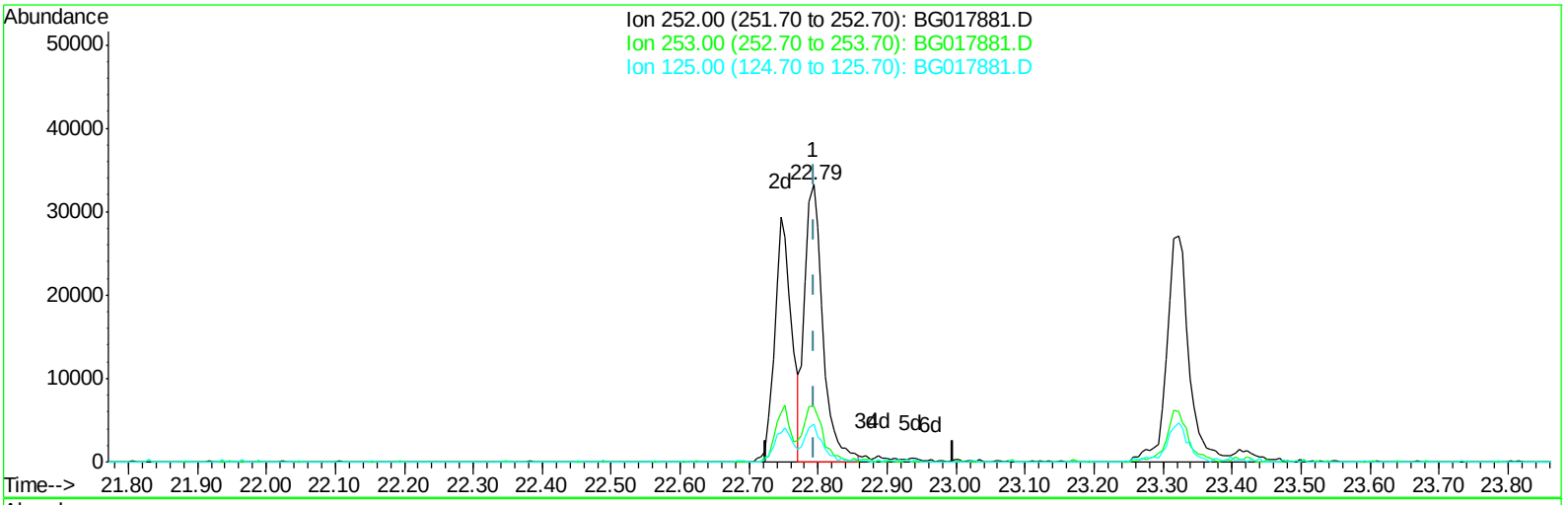
Quantitation Report (Qedit)

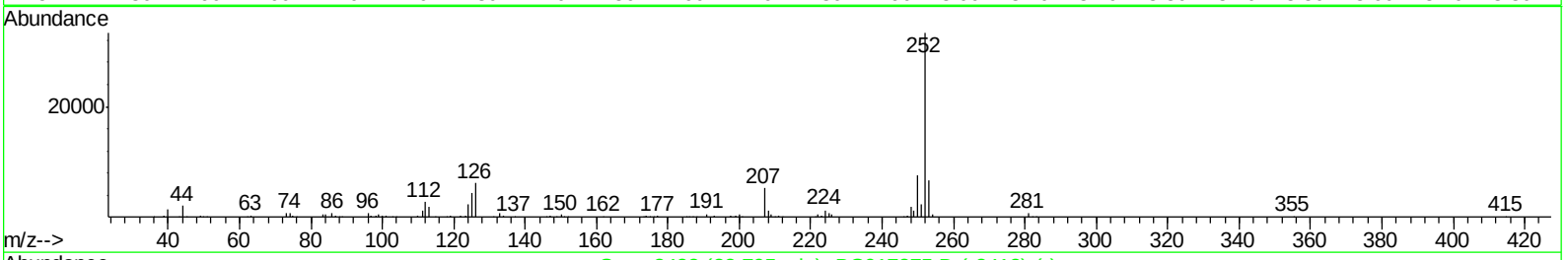
Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017881.D
Acq On : 15 Jul 2015 6:08
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 22 Sample Multiplier: 1

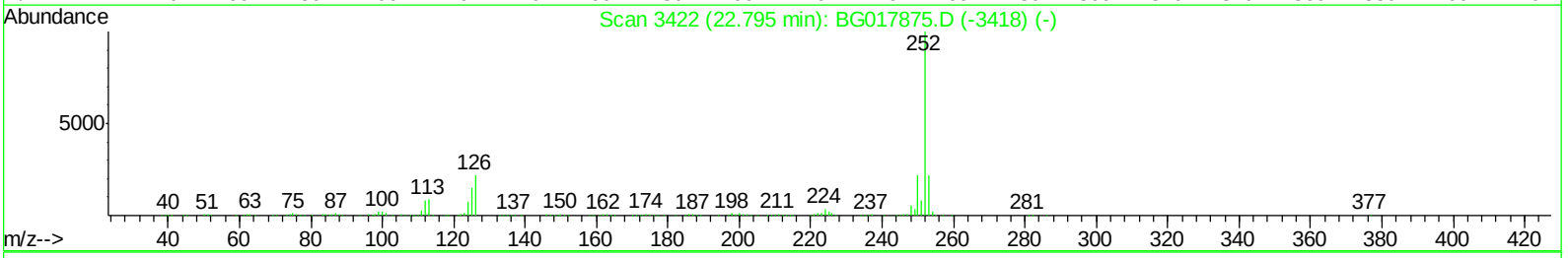
Quant Time: Jul 15 08:28:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 07:22:18 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-05-W

Manual Integrations APPROVED
apatel
7/16/2015 8:19:30 AM







TIC: BG017881.D

(88) Benzo(k)fluoranthene

22.793min (-0.002) 3.45ng/ul m

response 60945

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	19.95
125.00	16.40	13.71
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017881.D
Acq On : 15 Jul 2015 6:08
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 15 08:28:16 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-05-W

Manual Integrations APPROVED
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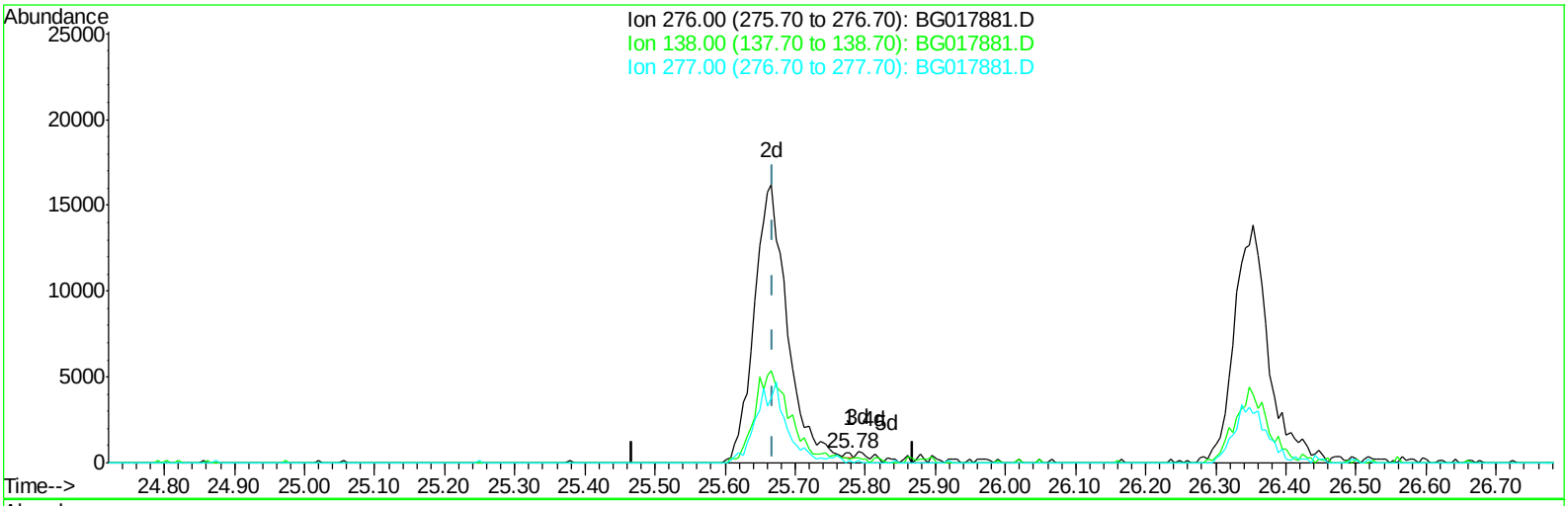

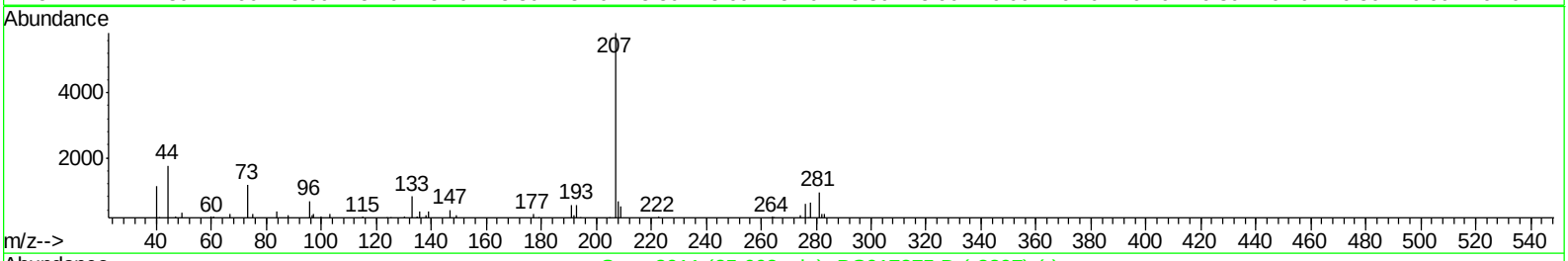

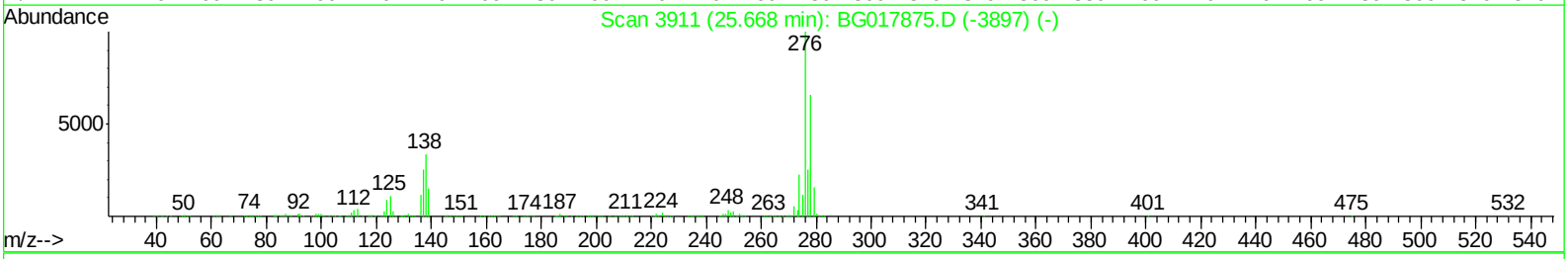

TIC: BG017881.D

(91) Indeno(1,2,3-cd)pyrene

25.778min (+0.110) 0.01ng/ul

response 175

Ion	Exp%	Act%
276.00	100	100
138.00	36.70	35.88
277.00	25.90	27.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017881.D
Acq On : 15 Jul 2015 6:08
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jul 15 08:28:16 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-05-W

Manual Integrations APPROVED
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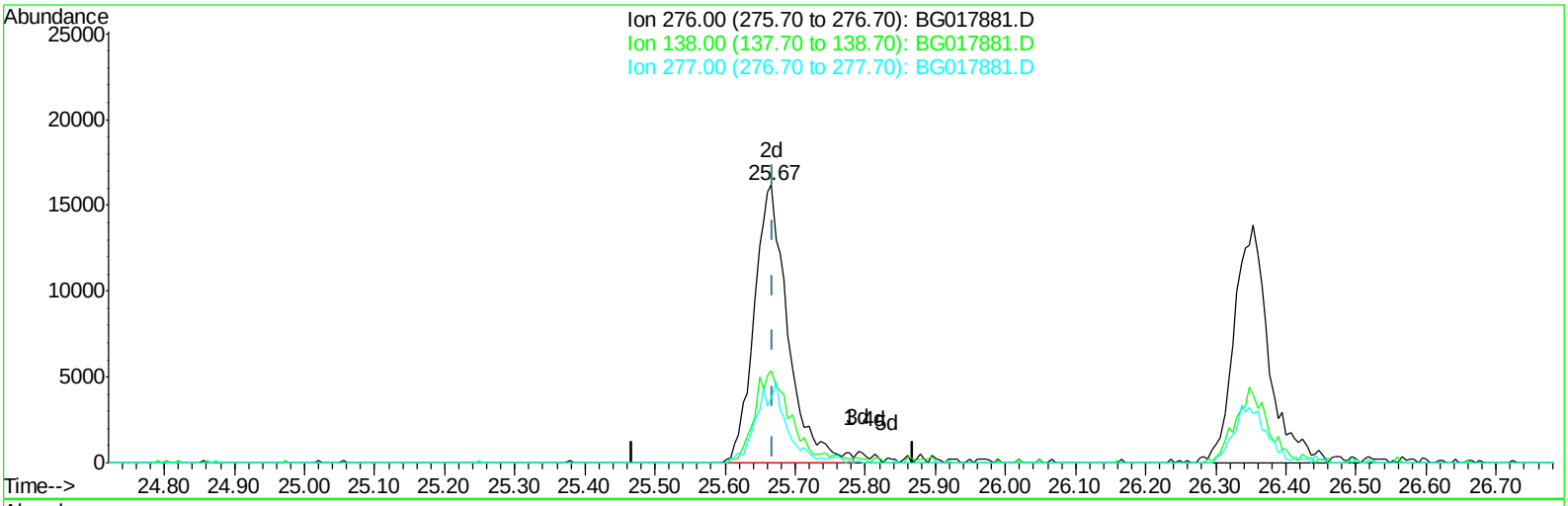
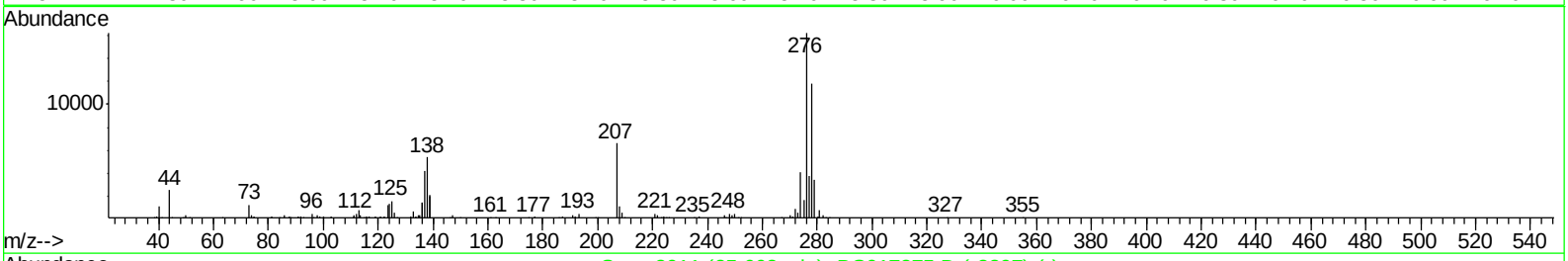
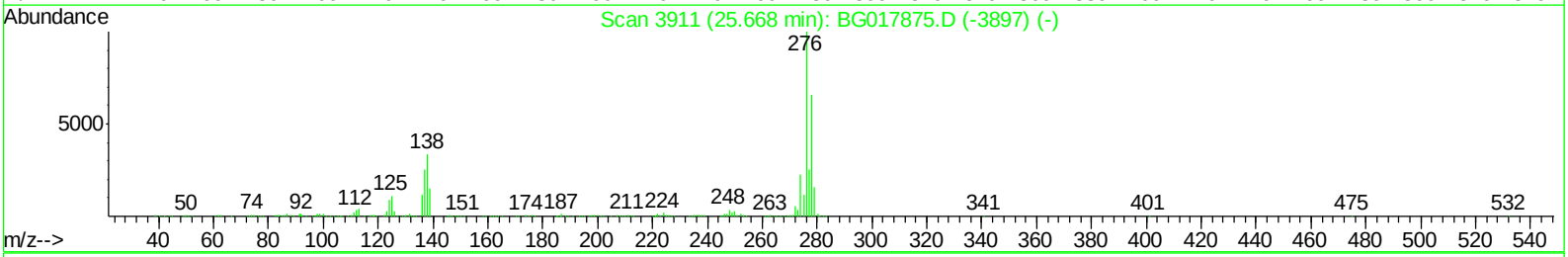
7/16/2015 8:19:30 AM







TIC: BG017881.D

(91) Indeno(1,2,3-cd)pyrene

25.666min (-0.002) 2.95ng/ul m

response 54345

Ion	Exp%	Act%
276.00	100	100
138.00	36.70	33.26
277.00	25.90	23.04
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG071415\
Data File : BG017881.D
Acq On : 15 Jul 2015 6:08
Operator : TP/UM
Sample : MDL-05-W
Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-05-W

Manual Integrations APPROVED
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7/16/2015 8:19:30 AM

Quant Time: Jul 15 08:56:09 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	67413	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	300336	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	165897	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	342002	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	342280	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	310556	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	10267	5.45	ng/uL	0.00
5) Phenol-d5	6.76	99	180191	30.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	131783	33.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	147977	32.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	141283	31.70	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	78964	33.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	58266	33.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	113242	31.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	212161	40.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	400712	34.64	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	538268	35.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	60939	27.92	ng/ul	0.00
57) Fluorene-d10	15.24	176	385720	35.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	31776	19.86	ng/ul	0.00
70) Anthracene-d10	17.09	188	572434	36.93	ng/ul	0.00
78) Pyrene-d10	19.40	212	619719	38.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	542668	35.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	1871	0.93	ng/uL#	78
4) Benzaldehyde	6.74	77	14284	4.19	ng/ul	98
6) Phenol	6.79	94	18638	2.92	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	18023	3.46	ng/ul	97
10) 2-Chlorophenol	7.16	128	12696	2.78	ng/ul#	88
11) 2-Methylphenol	8.03	108	11619	2.51	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	24285	3.21	ng/ul	98
14) Acetophenone	8.40	105	24207	3.26	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.39	70	12312	2.69	ng/ul#	97
16) 4-Methylphenol	8.36	108	13848	2.74	ng/ul	82
17) Hexachloroethane	8.66	117	6858	3.15	ng/ul	86
20) Nitrobenzene	8.78	77	19871	3.21	ng/ul#	95
21) Isophorone	9.30	82	35372	3.06	ng/ul	98
23) 2-Nitrophenol	9.49	139	5650	2.70	ng/ul	95
24) 2,4-Dimethylphenol	9.56	107	14760	2.76	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.80	93	19542	3.01	ng/ul	97
27) 2,4-Dichlorophenol	10.01	162	11364	3.12	ng/ul	91
28) Naphthalene	10.41	128	49374	3.18	ng/ul#	96
30) 4-Chloroaniline	10.53	127	16819	3.12	ng/ul	95
31) Hexachlorobutadiene	10.71	225	7600	3.31	ng/ul	96
32) Caprolactam	11.32	113	3213m	1.20	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	10432	2.34	ng/ul	97
34) 2-Methylnaphthalene	12.04	142	33321	3.16	ng/ul	99

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Misc : MDL-WATER-SVOC-4PPM
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-05-W

Manual Integrations APPROVED
apatel
7/16/2015 8:19:30 AM

Quant Time: Jul 15 08:56:09 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)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	13333	3.05	ng/ul#	86
37) Hexachlorocyclopentadiene	12.40	237	5466	2.41	ng/ul	98
38) 2,4,6-Trichlorophenol	12.66	196	5722m	2.42	ng/ul	
39) 2,4,5-Trichlorophenol	12.73	196	6189	2.40	ng/ul	86
40) 1,1'-Biphenyl	13.07	154	41275	3.21	ng/ul	98
41) 2-Chloronaphthalene	13.10	162	30919	3.14	ng/ul	94
42) 2-Nitroaniline	13.32	65	6597	2.28	ng/ul#	71
44) Dimethylphthalate	13.71	163	39324	3.24	ng/ul	98
45) 2,6-Dinitrotoluene	13.83	165	5480	2.48	ng/ul	92
47) Acenaphthylene	13.96	152	53811	3.24	ng/ul	95
48) 3-Nitroaniline	14.15	138	6415	2.54	ng/ul	88
49) Acenaphthene	14.30	153	36278	3.24	ng/ul	90
50) 2,4-Dinitrophenol	14.36	184	622	0.67	ng/ul	86
52) 4-Nitrophenol	14.46	109	4914	2.66	ng/ul	90
53) Dibenzofuran	14.64	168	47540	3.23	ng/ul	95
54) 2,4-Dinitrotoluene	14.61	165	7821	2.46	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	14.87	232	4087	2.05	ng/ul#	94
56) Diethylphthalate	15.08	149	36613	2.93	ng/ul	96
58) Fluorene	15.30	166	41610	3.25	ng/ul	92
59) 4-Chlorophenyl-phenylether	15.30	204	18706	3.15	ng/ul	93
60) 4-Nitroaniline	15.32	138	6723	2.24	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.38	198	3399	1.90	ng/ul#	98
64) N-Nitrosodiphenylamine	15.51	169	32321	3.10	ng/ul	96
65) 4-Bromophenyl-phenylether	16.20	248	9808	2.99	ng/ul	89
66) Hexachlorobenzene	16.31	284	11808	3.32	ng/ul	97
67) Atrazine	16.47	200	8574	2.40	ng/ul	95
68) Pentachlorophenol	16.65	266	2269	1.29	ng/ul#	80
69) Phenanthrene	17.04	178	63022	3.34	ng/ul	99
71) Anthracene	17.13	178	64551	3.34	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	12367	2.84	ng/uL	86
73) Pentachlorobenzene	14.56	250	14448	3.46	ng/uL	96
74) Carbazole	17.41	167	53684	3.18	ng/ul	96
75) Di-n-butylphthalate	17.98	149	54960	2.60	ng/ul	97
76) Fluoranthene	19.06	202	64928	3.39	ng/ul	95
79) Pyrene	19.43	202	78760	3.74	ng/ul	98
80) Butylbenzylphthalate	20.35	149	16707	1.96	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.12	252	9174	1.79	ng/ul	94
82) Benzo(a)anthracene	21.18	228	63576	3.36	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	19863	1.68	ng/ul#	95
84) Chrysene	21.24	228	61992	3.42	ng/ul	98
86) Di-n-octyl phthalate	22.00	149	30398	1.67	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	49817	2.91	ng/ul	95
88) Benzo(k)fluoranthene	22.79	252	60945m	3.45	ng/ul	
90) Benzo(a)pyrene	23.32	252	57982	3.37	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.67	276	54345m	2.95	ng/ul	
92) Dibenzo(a,h)anthracene	25.68	278	44102	2.81	ng/ul	94
93) Benzo(g,h,i)perylene	26.35	276	45132	2.93	ng/ul	97

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