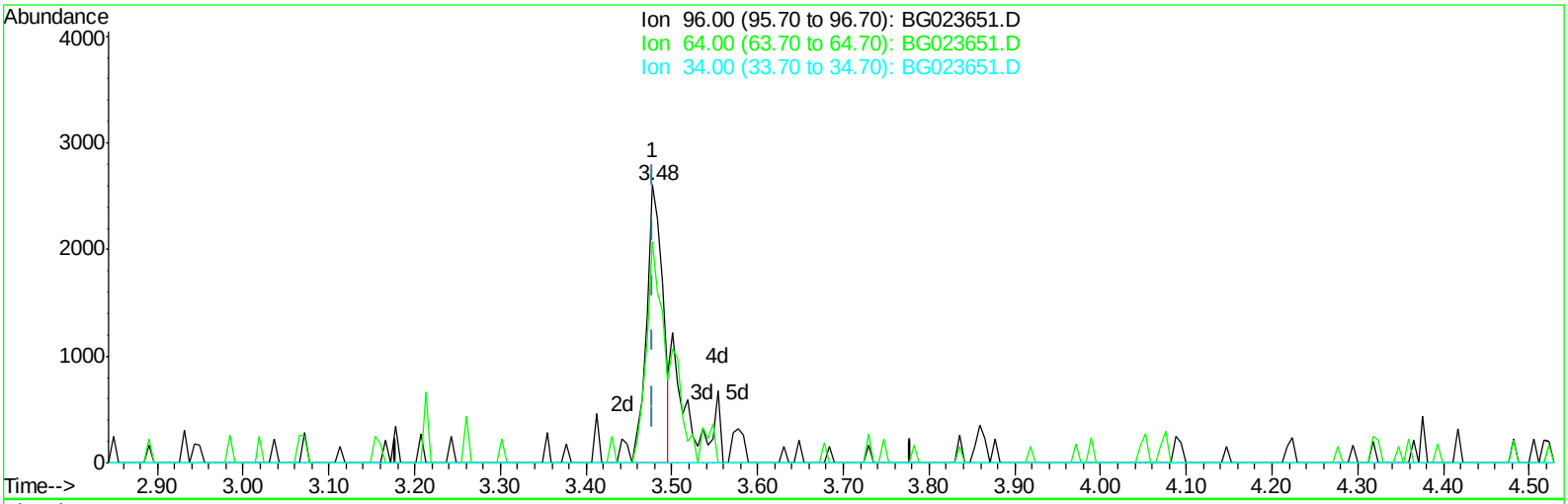
Quantitation Report (Qedit)

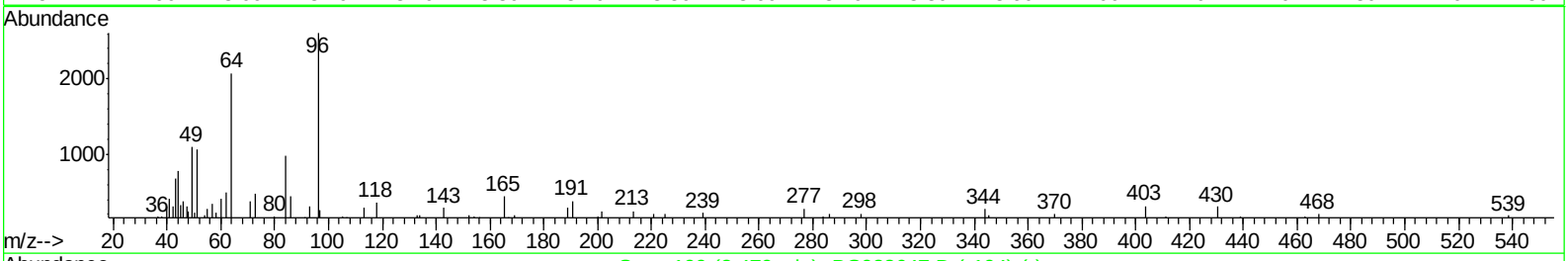
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

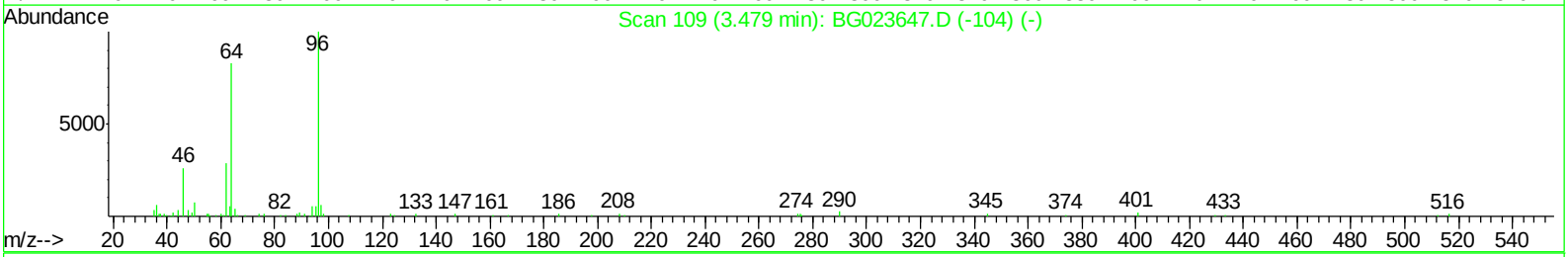
Quant Time: Aug 13 01:32:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS002-3642-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:32 PM







TIC: BG023651.D

(3) 1,4-Dioxane-d8 (S)

3.477min (-0.001) 1.35ng/uL

response 3414

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	79.61#
34.00	0.00	0.00
0.00	0.00	0.00

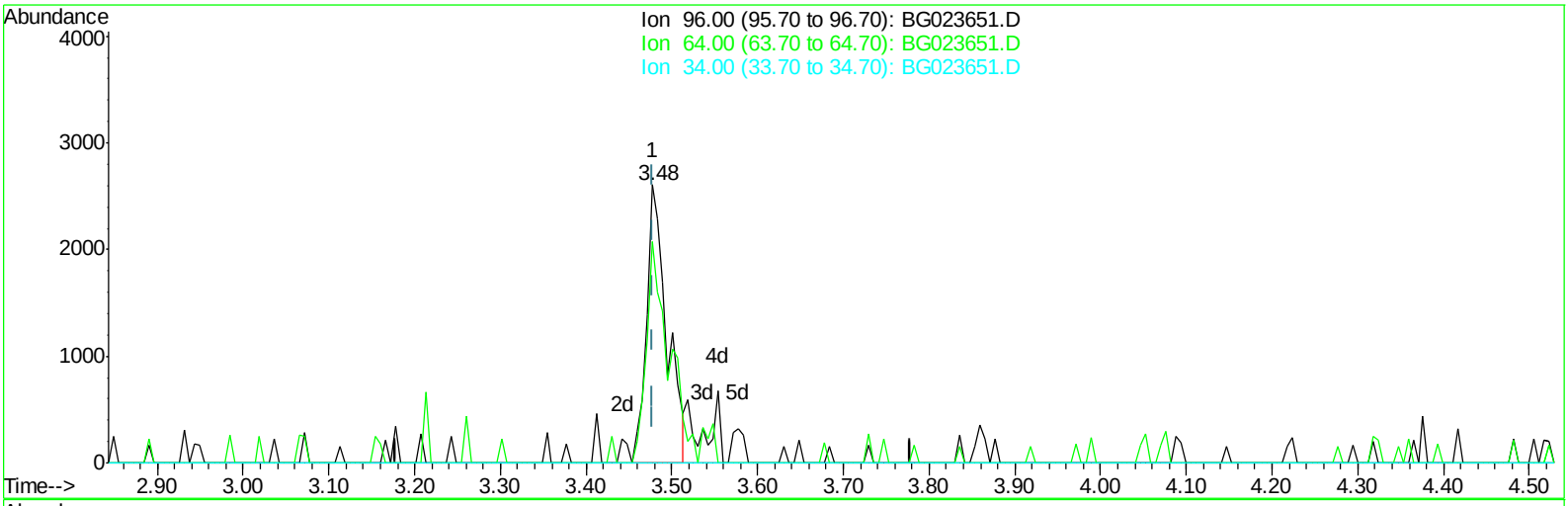
Quantitation Report (Qedit)

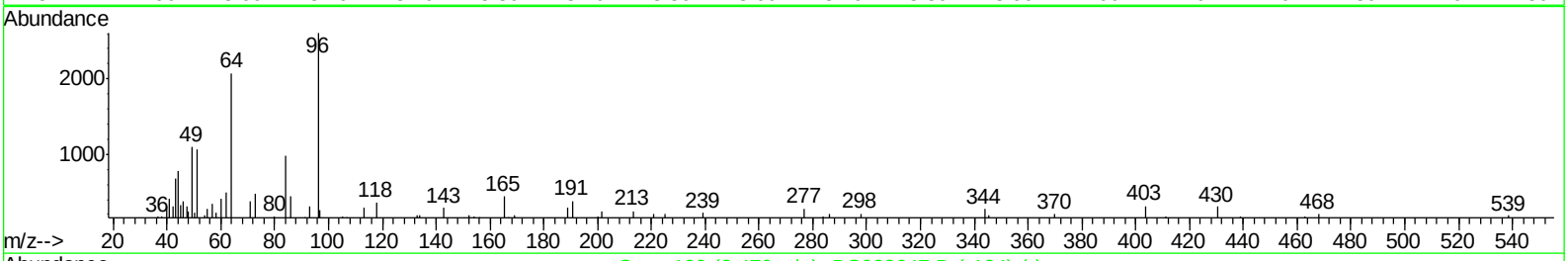
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

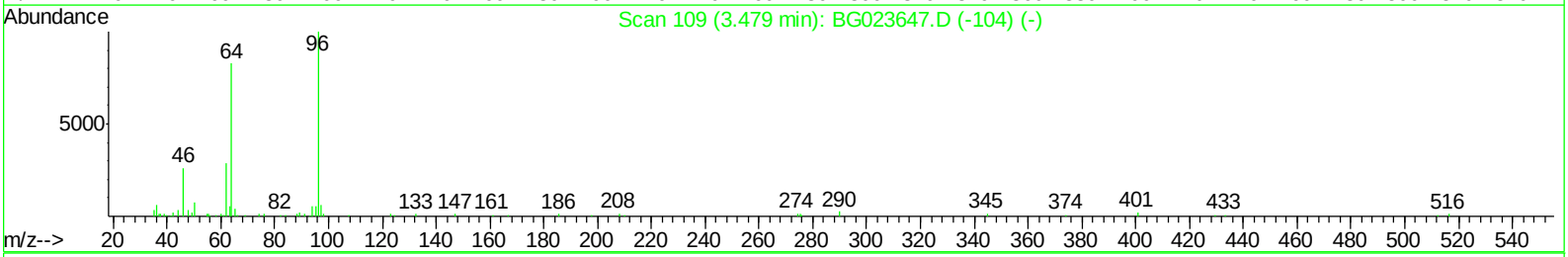
Quant Time: Aug 13 01:32:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS002-3642-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:32 PM







TIC: BG023651.D

(3) 1,4-Dioxane-d8 (S)

3.477min (-0.001) 1.68ng/uL m

response 4266

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	79.61#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 01:32:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS002-3642-01

Manual Integrations APPROVED
sohil
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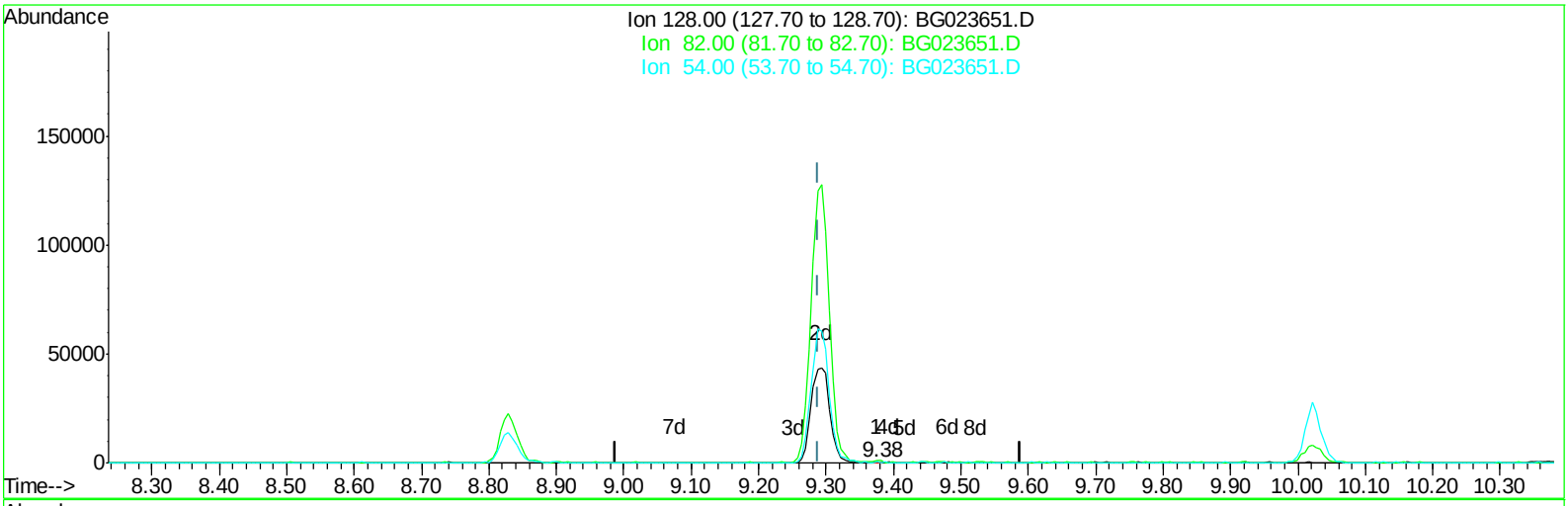
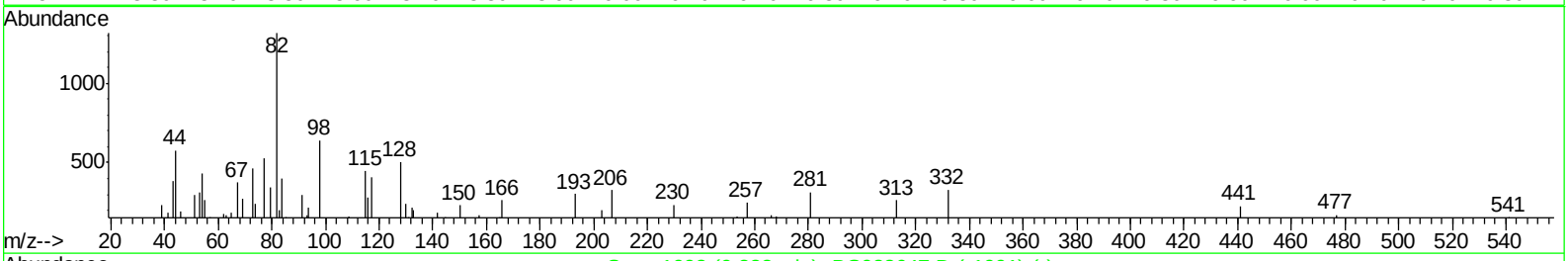
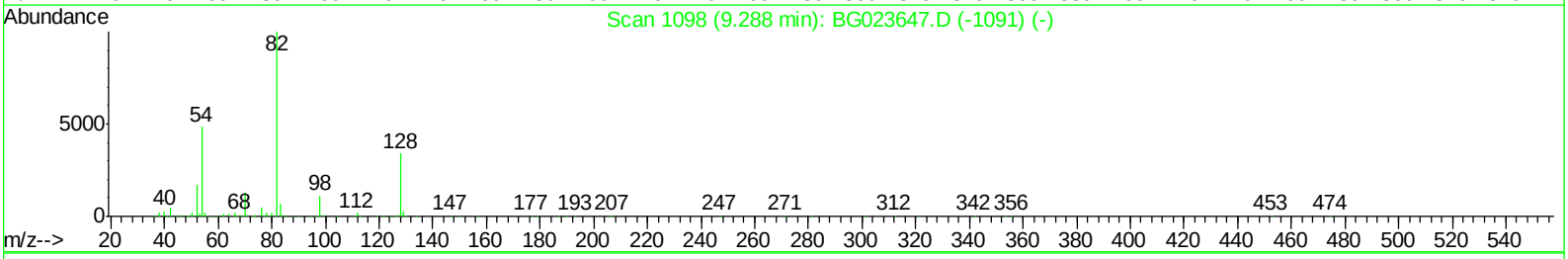






TIC: BG023651.D

(19) Nitrobenzene-d5 (S)

9.375min (+0.087) 0.05ng/ul

response 267

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	261.11
54.00	78.50	85.32
0.00	0.00	0.00

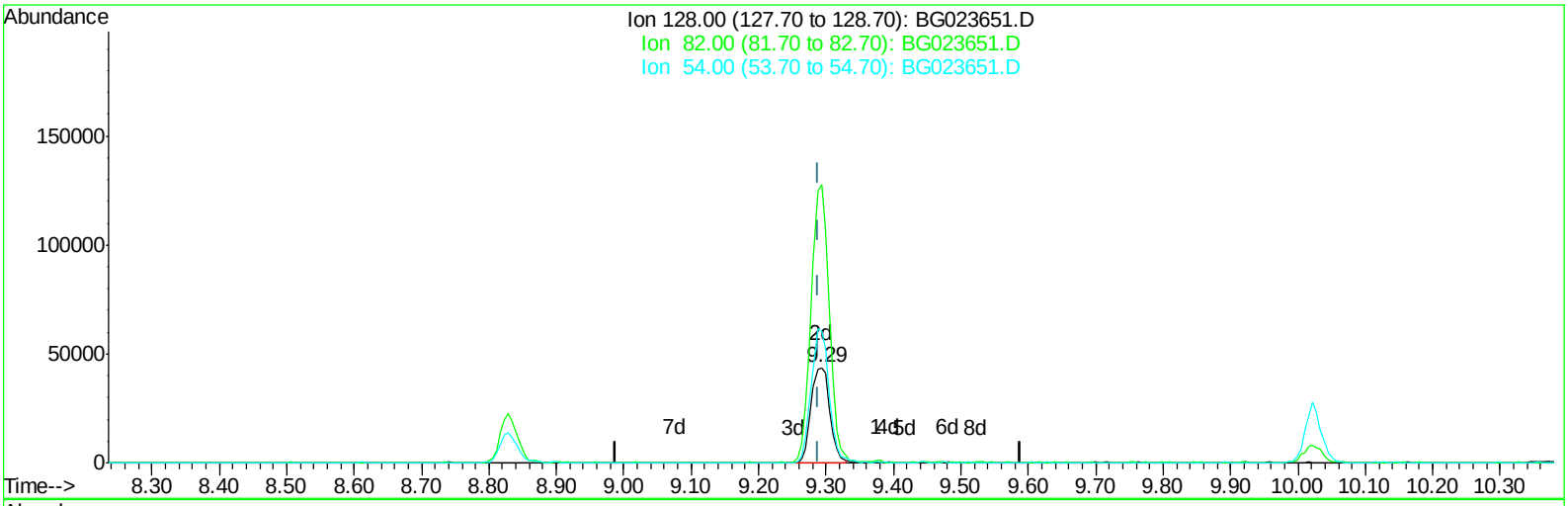
Quantitation Report (Qedit)

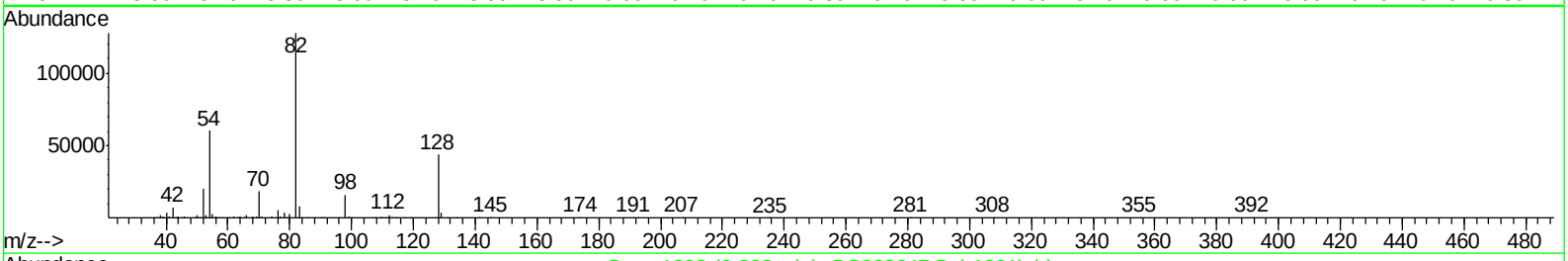
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

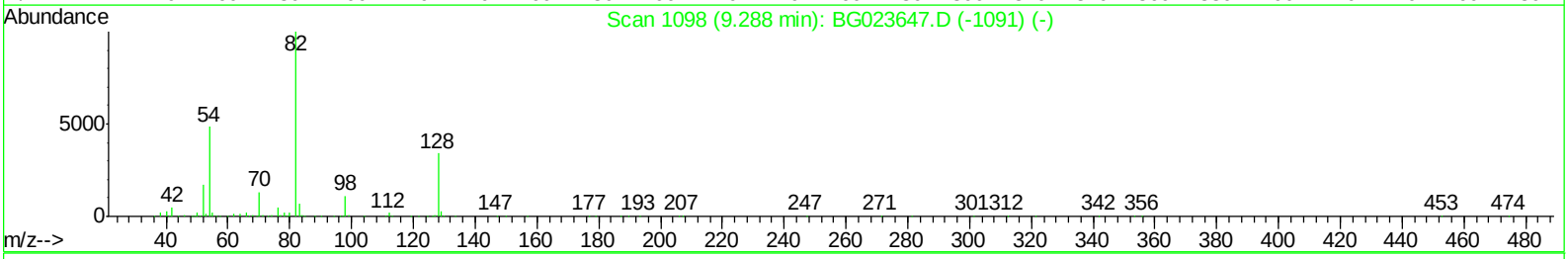
Quant Time: Aug 13 01:32:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS002-3642-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:32 PM







TIC: BG023651.D

(19) Nitrobenzene-d5 (S)

9.293min (+0.005) 16.47ng/ul m

response 83854

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	292.61#
54.00	78.50	137.98#
0.00	0.00	0.00

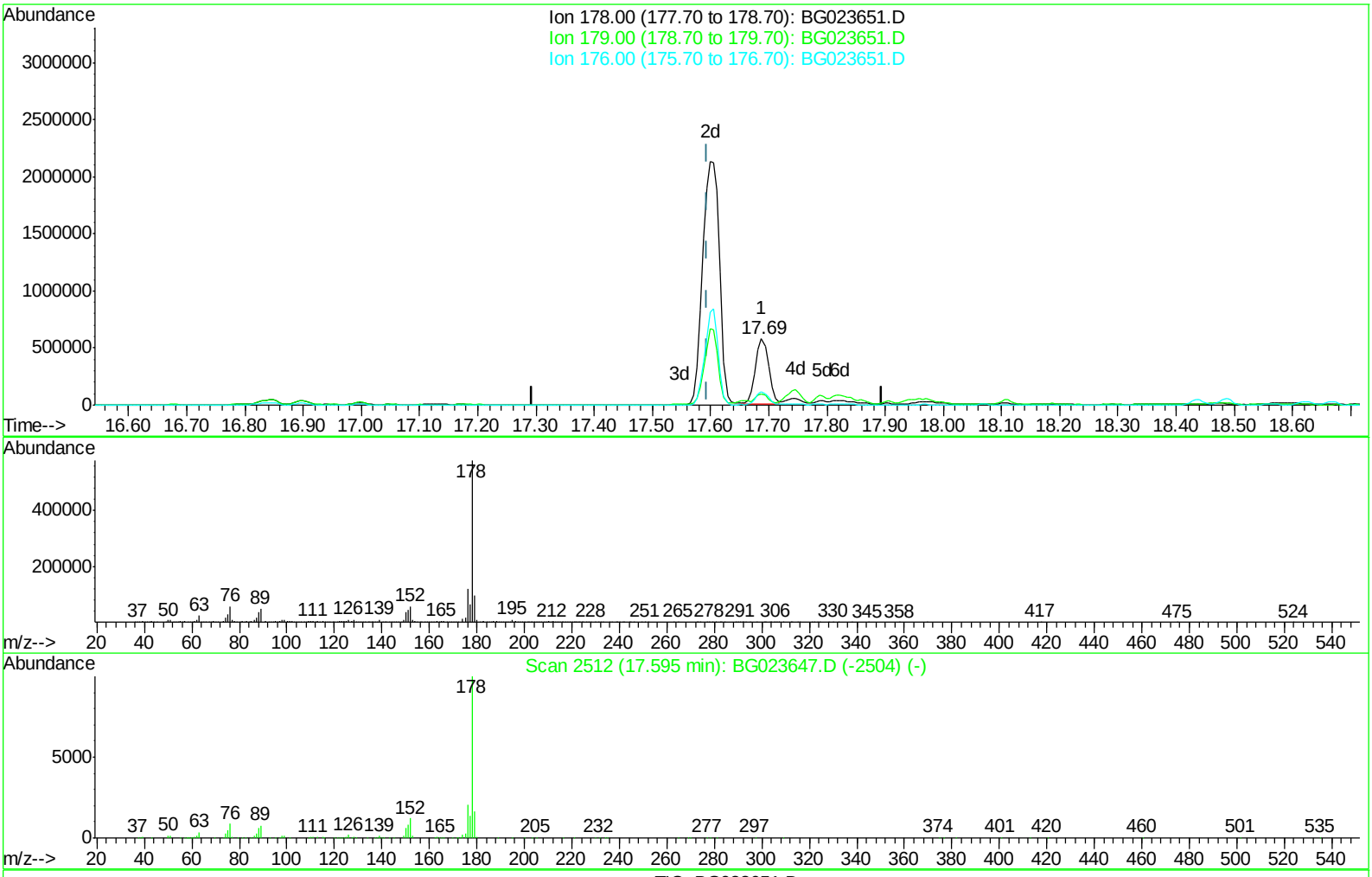
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 01:32:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS002-3642-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:32 PM



TIC: BG023651.D

(69) Phenanthrene

17.688min (+0.093) 12.68ng/ul

response 895801

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	16.43
176.00	19.80	20.63
0.00	0.00	0.00

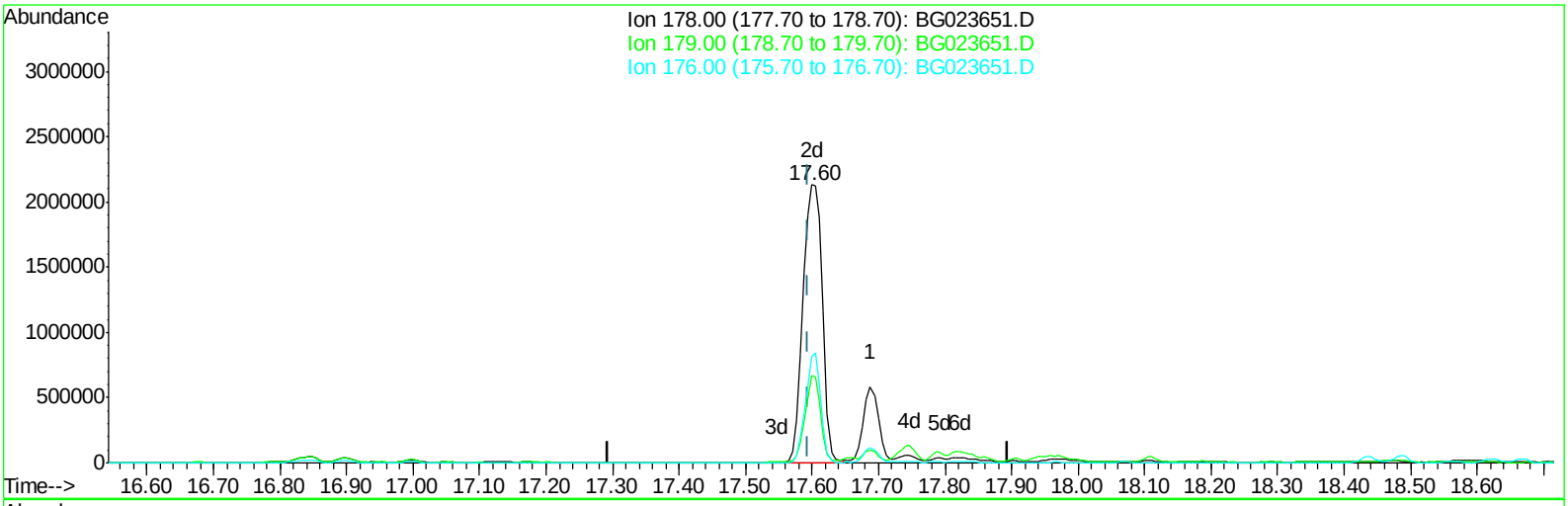
Quantitation Report (Qedit)

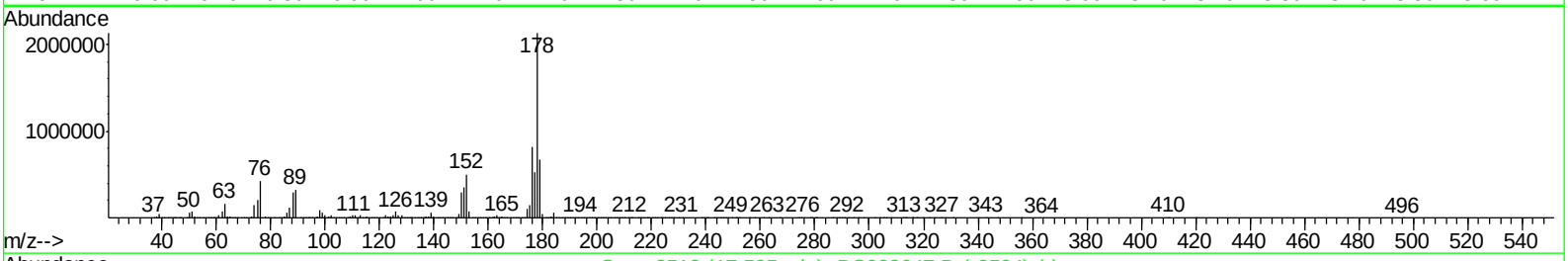
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

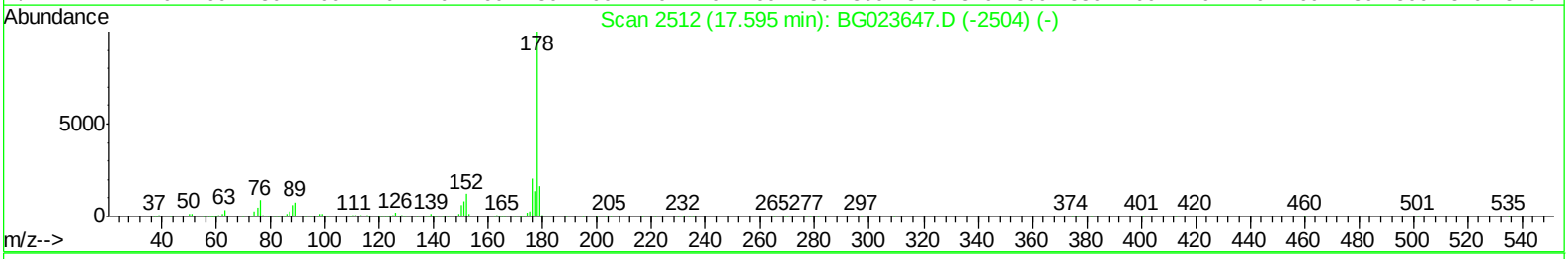
Quant Time: Aug 13 01:32:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS002-3642-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:32 PM







TIC: BG023651.D

(69) Phenanthrene

17.599min (+0.005) 62.15ng/ul m

response 4391107

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	31.42#
176.00	19.80	38.19#
0.00	0.00	0.00

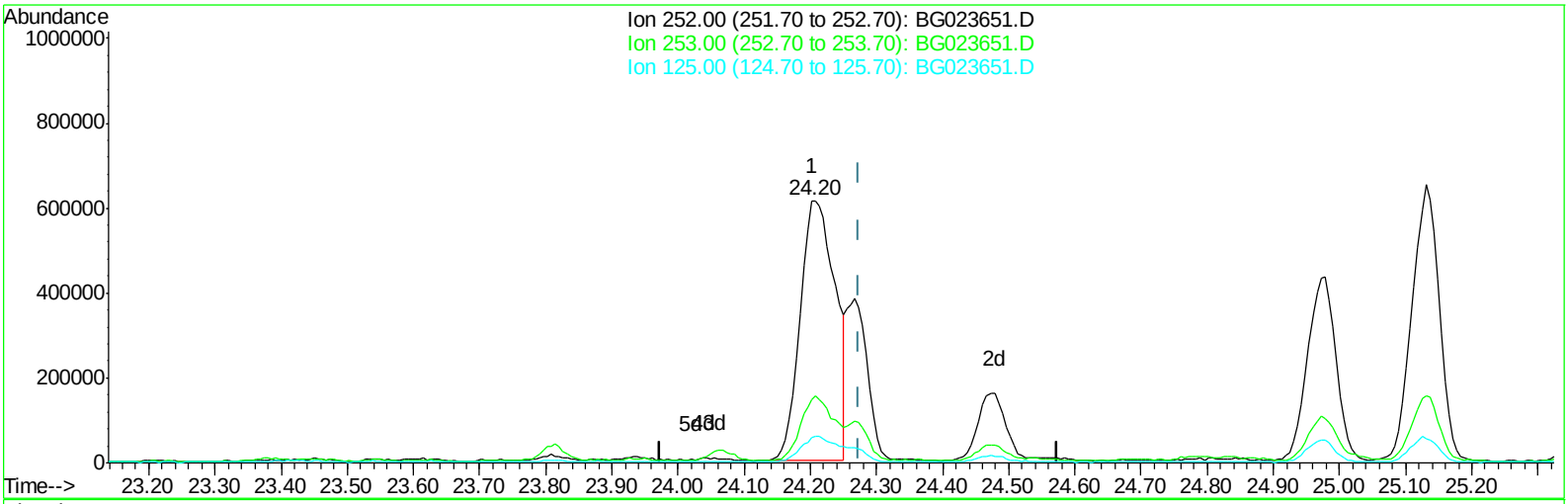
Quantitation Report (Qedit)

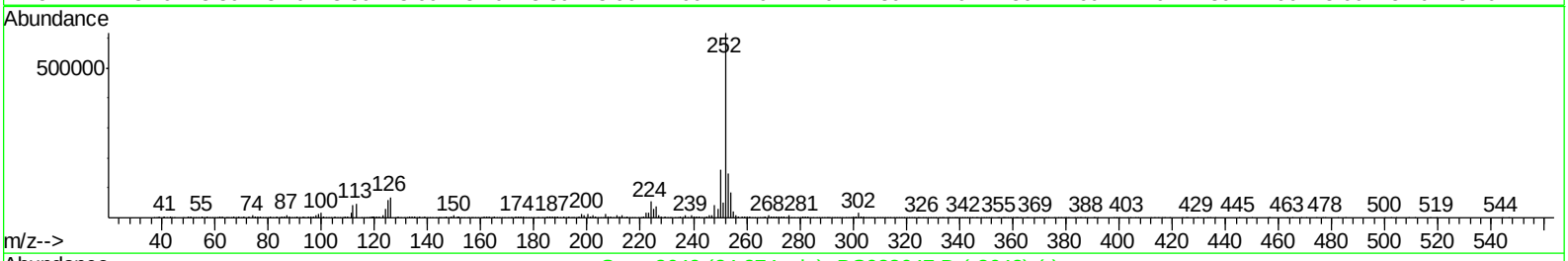
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

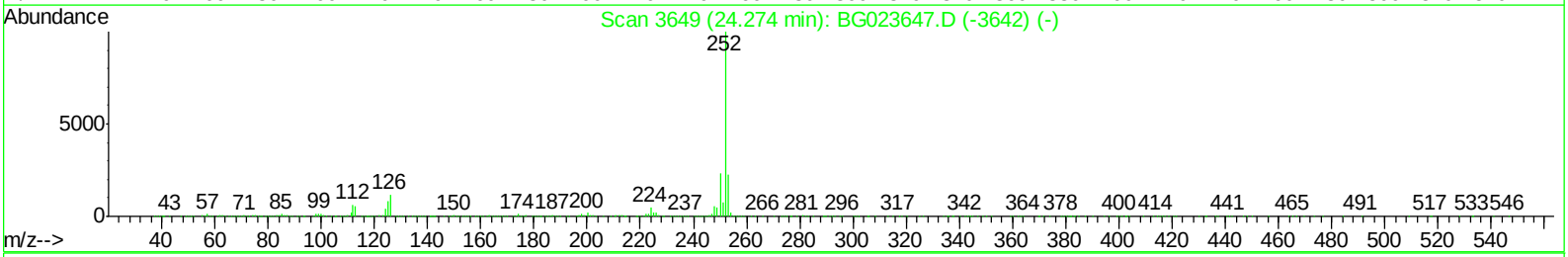
Quant Time: Aug 13 01:32:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS002-3642-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:32 PM







TIC: BG023651.D

(86) Benzo(k)fluoranthene

24.202min (-0.072) 34.26ng/ul

response 2261852

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	24.29#
125.00	13.30	9.52#
0.00	0.00	0.00

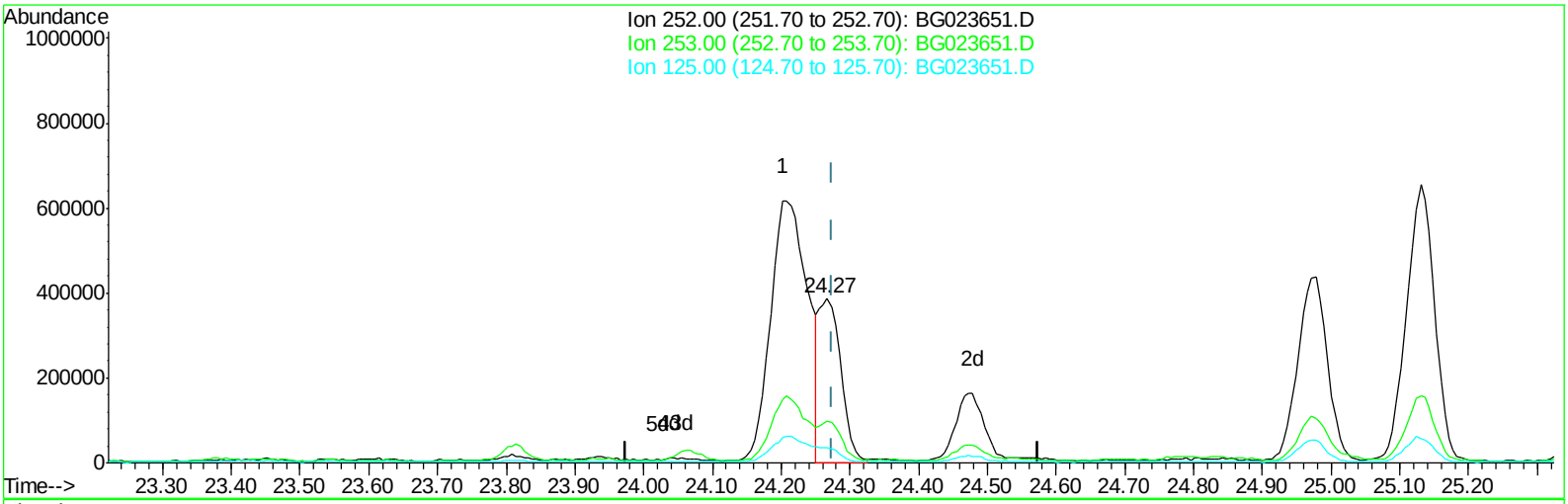
Quantitation Report (Qedit)

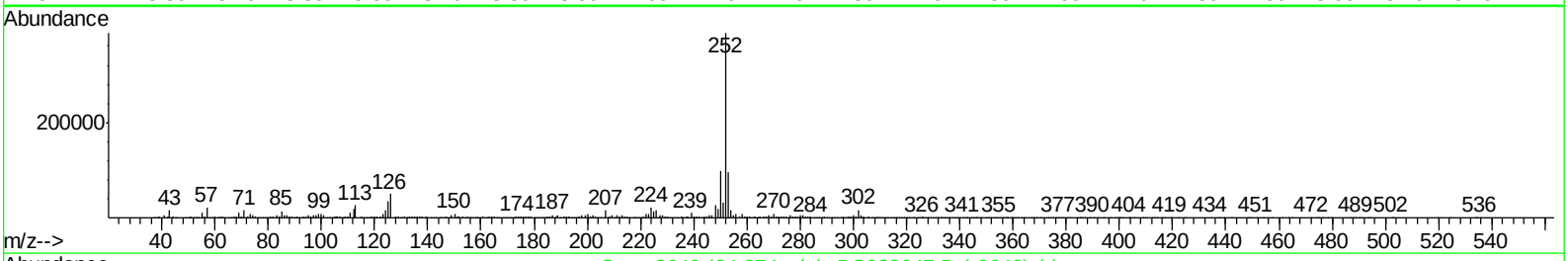
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

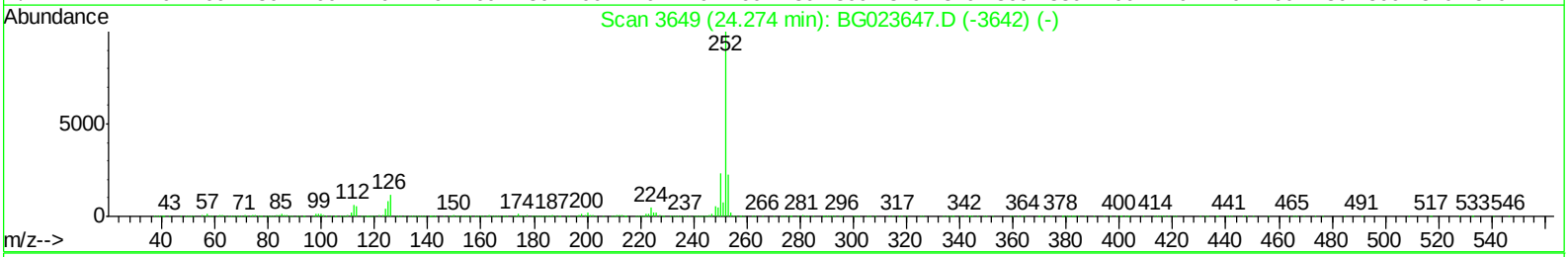
Quant Time: Aug 13 01:32:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS002-3642-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:32 PM







TIC: BG023651.D

(86) Benzo(k)fluoranthene

24.267min (-0.007) 13.22ng/ul m

response 872715

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	25.03#
125.00	13.30	8.97#
0.00	0.00	0.00

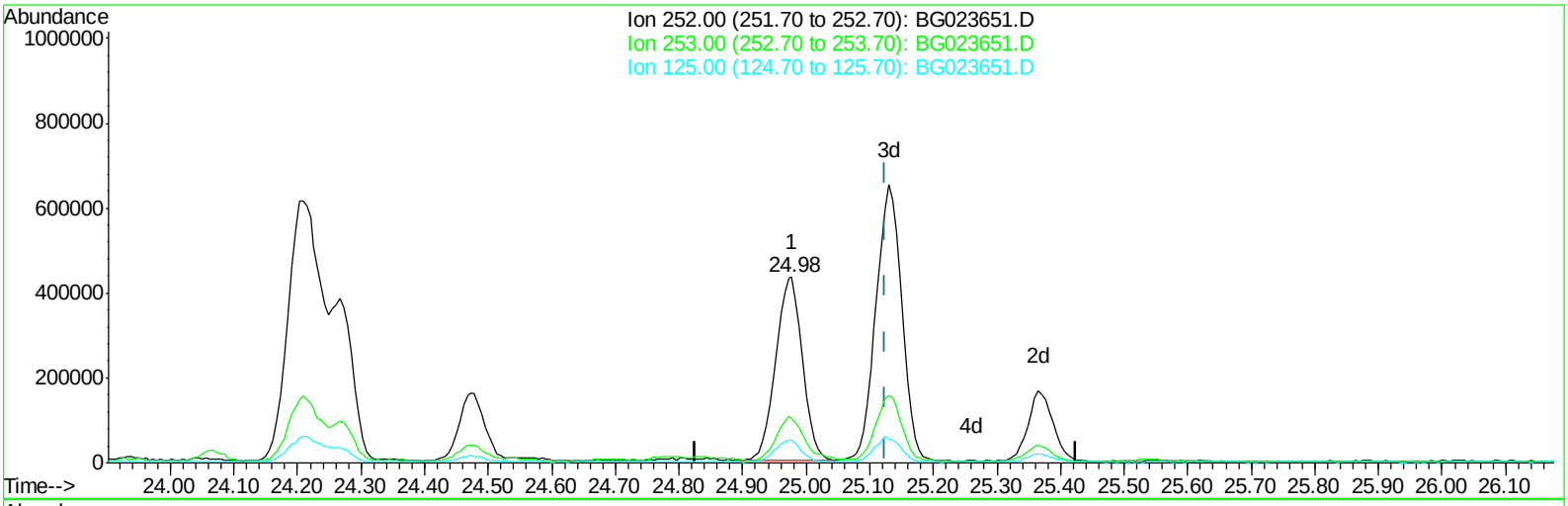
Quantitation Report (Qedit)

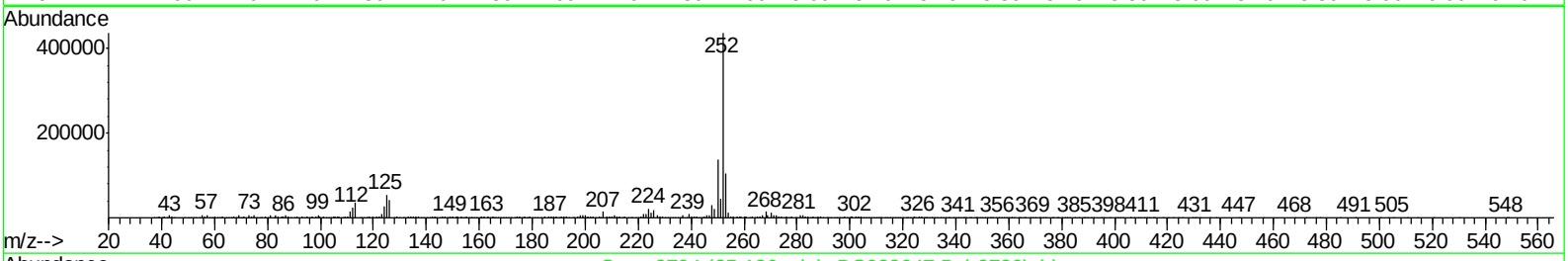
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

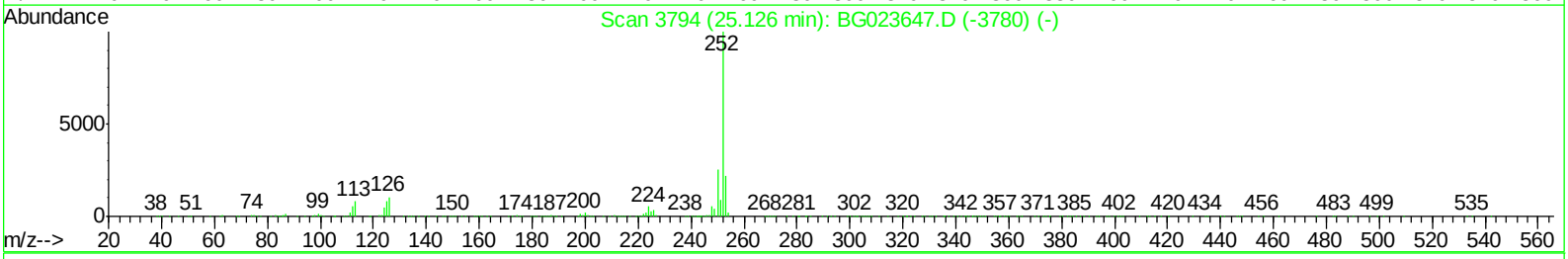
Quant Time: Aug 13 01:32:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS002-3642-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:32 PM







TIC: BG023651.D

(88) Benzo(a)pyrene (C)

24.978min (-0.148) 19.85ng/ul

response 1285260

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	23.72
125.00	15.00	12.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 01:32:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS002-3642-01

Manual Integrations APPROVED
sohil
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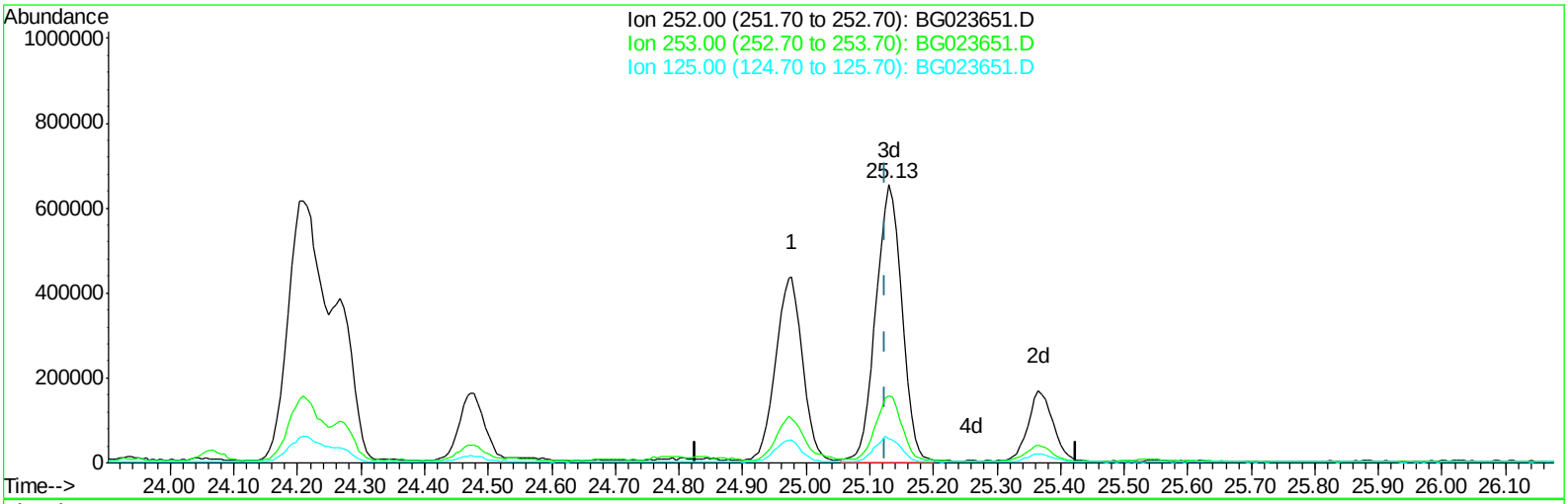

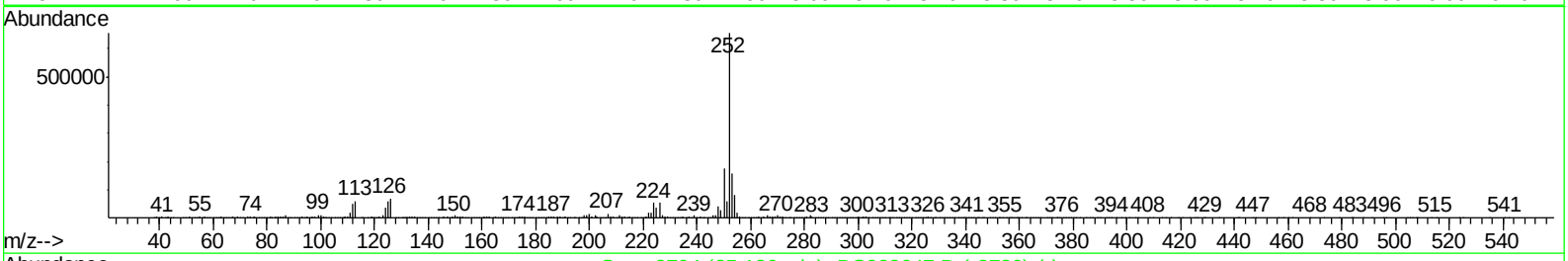

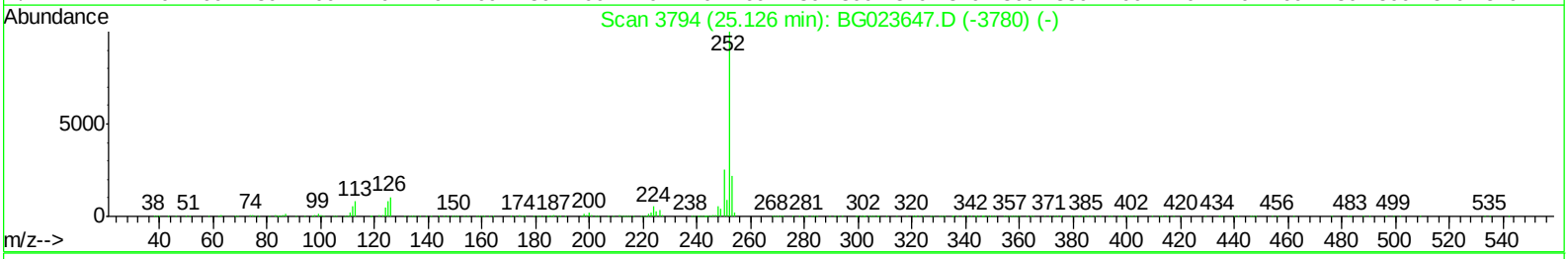

TIC: BG023651.D

(88) Benzo(a)pyrene (C)

25.130min (+0.005) 29.13ng/ul m

response 1886089

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	24.02
125.00	15.00	8.86#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 01:32:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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BNA_G
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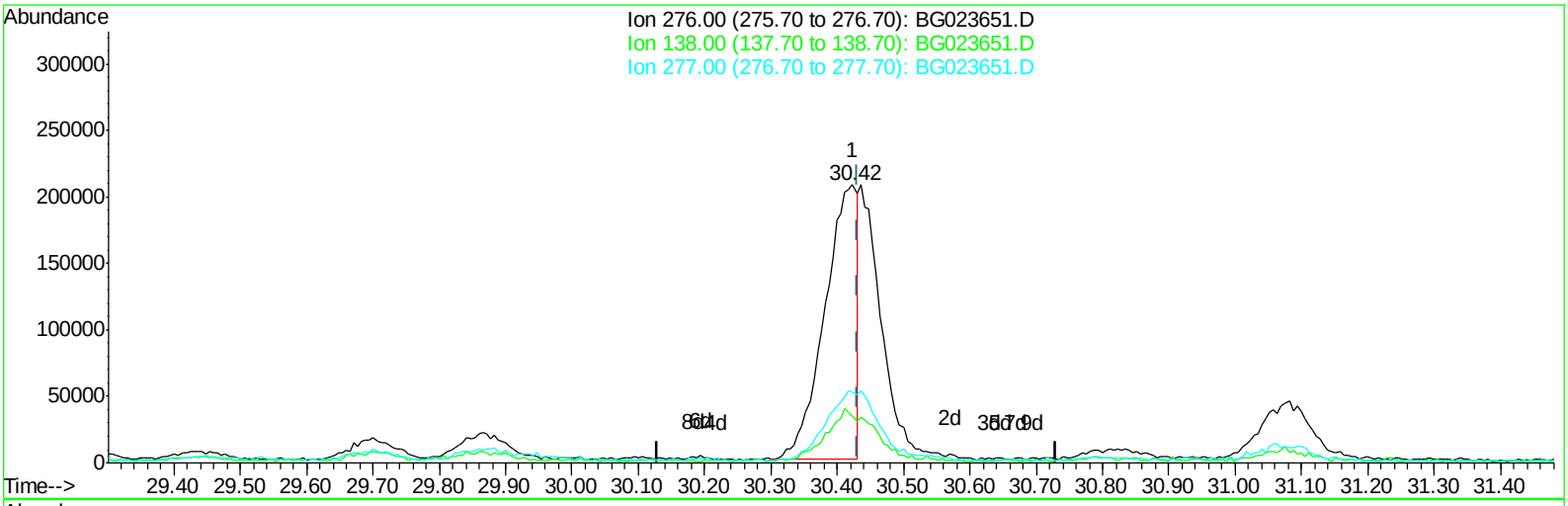
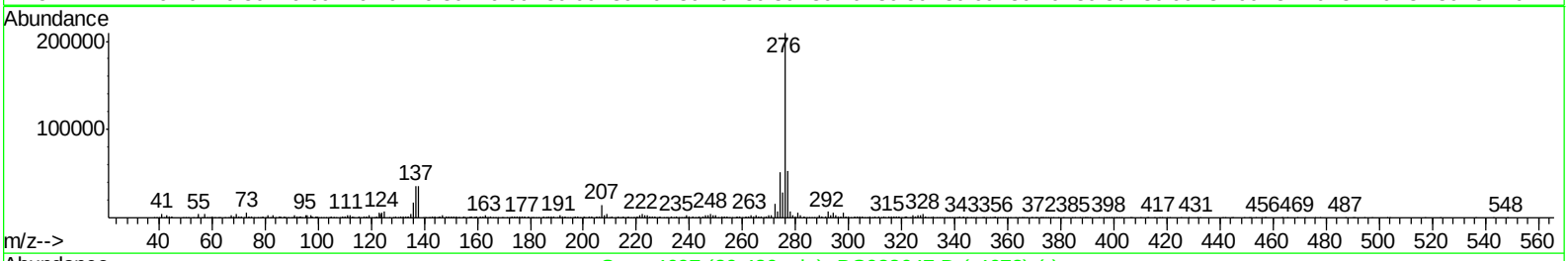
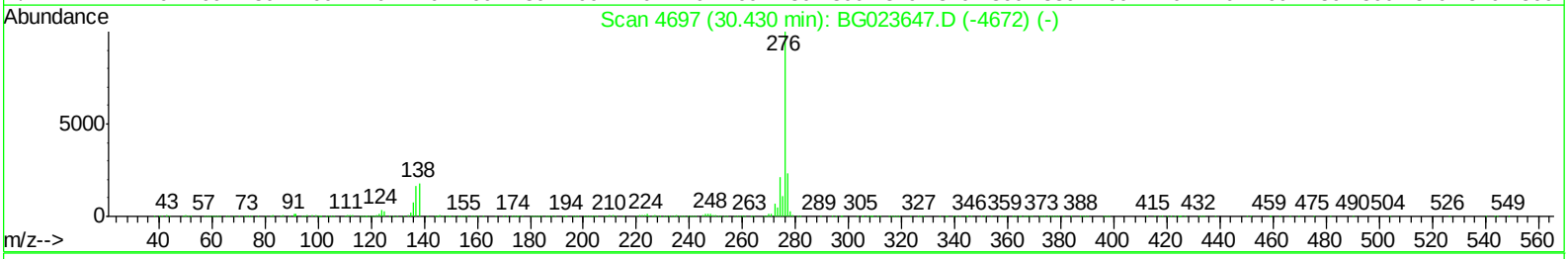
P001-SS002-3642-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:32 PM







TIC: BG023651.D

(91) Benzo(g,h,i)perylene

30.423min (-0.007) 11.00ng/ul

response 693819

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	17.01#
277.00	21.20	25.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 13 01:32:23 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
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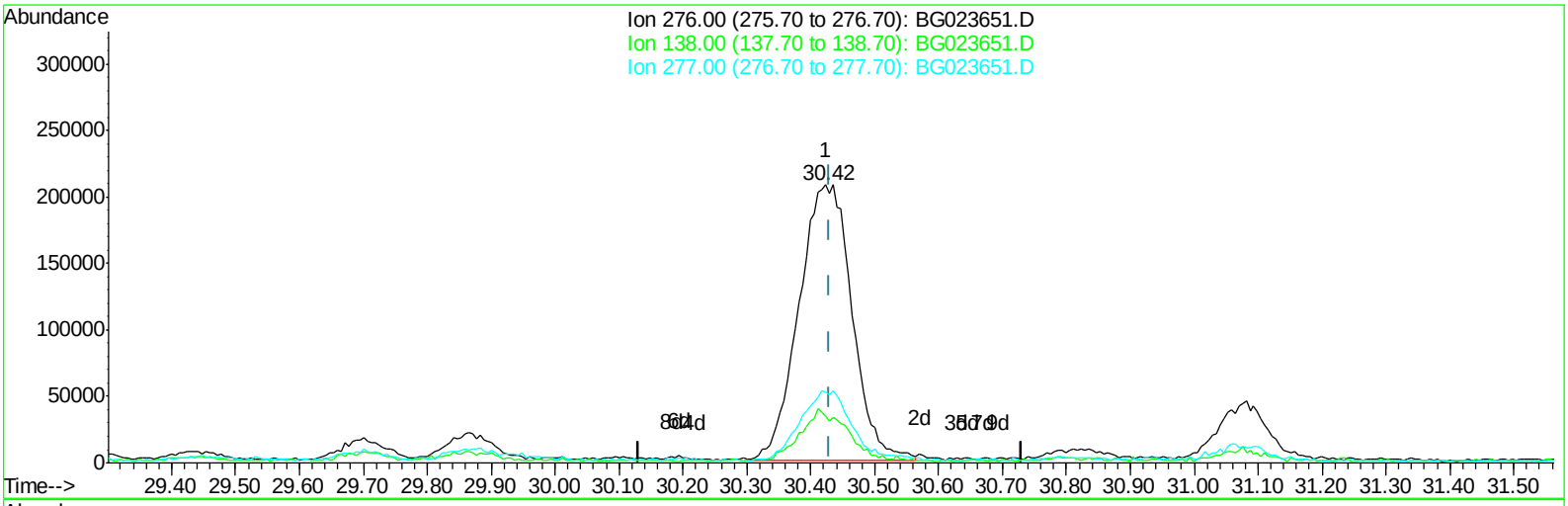
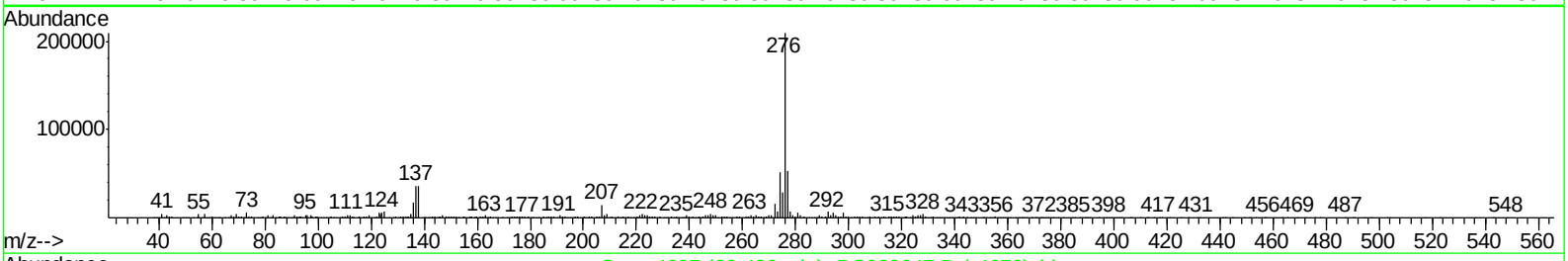
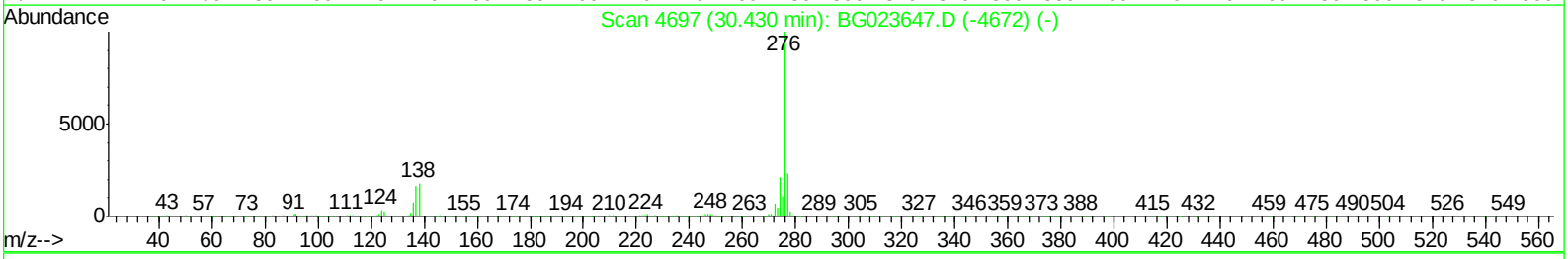
Instrument :
BNA_G
ClientSampleId :
P001-SS002-3642-01

Manual Integrations APPROVED
sohil
8/15/2016 6:48:32 PM







TIC: BG023651.D

(91) Benzo(g,h,i)perylene

30.423min (-0.007) 18.79ng/ul m

response 1184870

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	17.01#
277.00	21.20	25.65#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023651.D
Acq On : 12 Aug 2016 11:47
Operator : UM/SJ
Sample : H4384-11
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS002-3642-01

Manual Integrations APPROVED
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8/15/2016 6:48:32 PM

Quant Time: Aug 13 02:08:46 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 01:31:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	107904	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	645903	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	520292	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1364253	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1133162	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	1178884	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	4266m	1.68	ng/uL	0.00
5) Phenol-d5	7.27	99	210044	19.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	124514	17.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	145372	19.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	170496	20.09	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	83854m	16.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	173764	29.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	252665	22.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	128335	9.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	735849	17.27	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	875101	18.25	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	117241	16.12	ng/ul	0.00
57) Fluorene-d10	15.78	176	720132	18.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	14309	1.63	ng/ul	0.03
70) Anthracene-d10	17.65	188	1164919	18.95	ng/ul	0.00
76) Pyrene-d10	19.95	212	1139676	19.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.05	264	974250	18.26	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.00	128	69217	2.11	ng/ul#	93
34) 2-Methylnaphthalene	12.61	142	125259	4.71	ng/ul	93
44) Dimethylphthalate	14.23	163	287429	6.81	ng/ul	98
47) Acenaphthylene	14.51	152	488340	9.74	ng/ul	98
49) Acenaphthene	14.85	153	137970	4.04	ng/ul	95
53) Dibenzofuran	15.19	168	218211	4.31	ng/ul#	85
58) Fluorene	15.84	166	619161	14.68	ng/ul	97
64) N-Nitrosodiphenylamine	16.04	169	45150	1.18	ng/ul#	67
69) Phenanthrene	17.60	178	4391107m	62.15	ng/ul	
71) Anthracene	17.69	178	878733	12.19	ng/ul	99
72) Carbazole	17.96	167	328097	5.65	ng/ul	96
74) Fluoranthene	19.62	202	3876018	53.59	ng/ul#	90
77) Pyrene	19.98	202	4111397	58.69	ng/ul#	84
80) Benzo(a)anthracene	21.86	228	2246502	35.20	ng/ul#	86
81) Bis(2-ethylhexyl)phthalate	21.74	149	38612	1.08	ng/ul#	91
82) Chrysene	21.93	228	2388371	41.16	ng/ul#	86
85) Benzo(b)fluoranthene	24.20	252	2261852	33.73	ng/ul#	94
86) Benzo(k)fluoranthene	24.27	252	872715m	13.22	ng/ul	
88) Benzo(a)pyrene	25.13	252	1886089m	29.13	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.20	276	1160513	15.26	ng/ul#	87
90) Dibenzo(a,h)anthracene	29.24	278	355197	5.47	ng/ul#	89
91) Benzo(g,h,i)perylene	30.42	276	1184870m	18.79	ng/ul	

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8/15/2016 6:48:32 PM

Quant Time: Aug 13 02:08:46 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
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