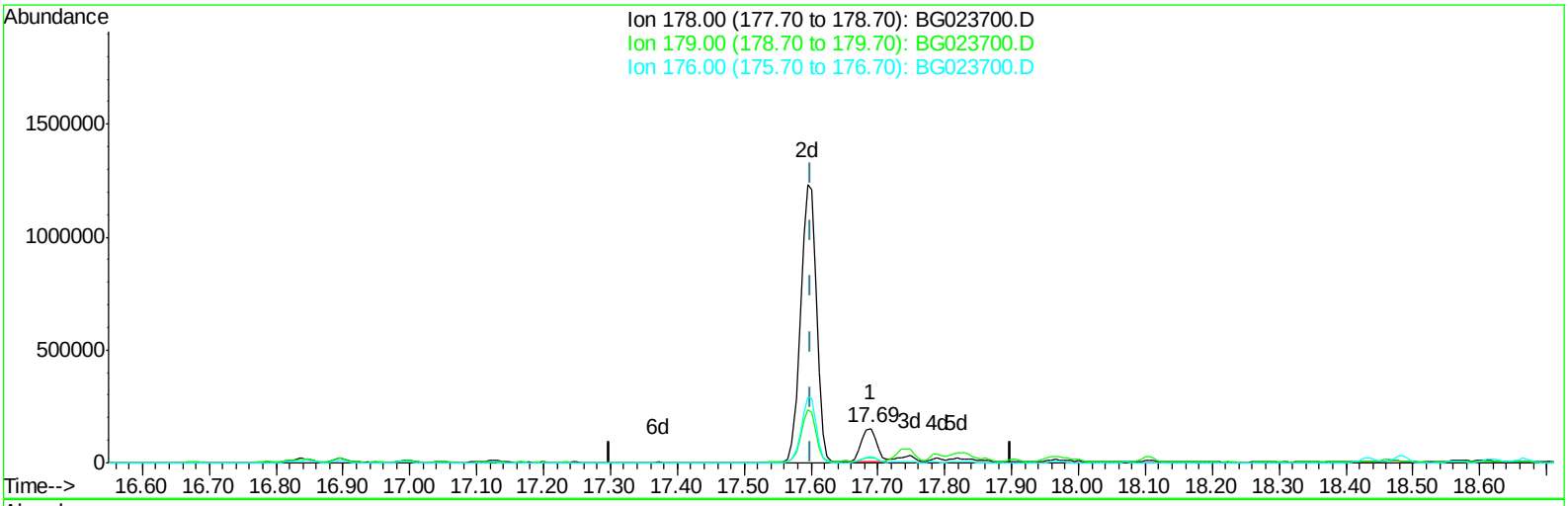
Quantitation Report (Qedit)

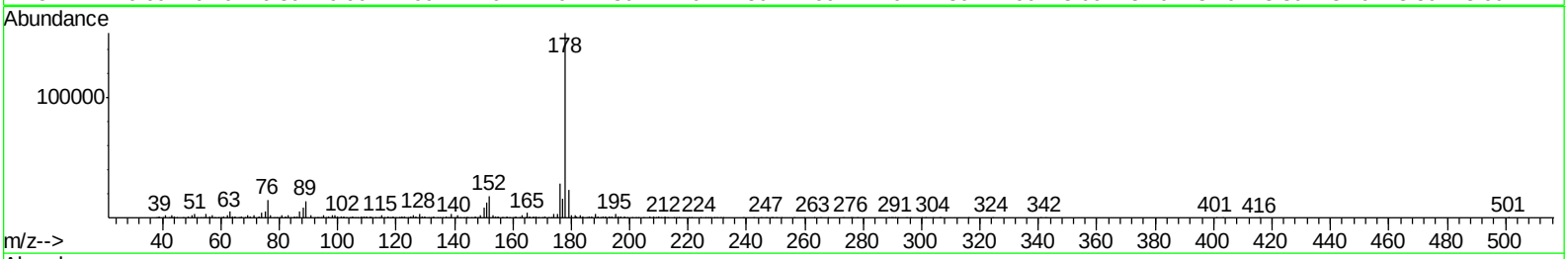
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023700.D
Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

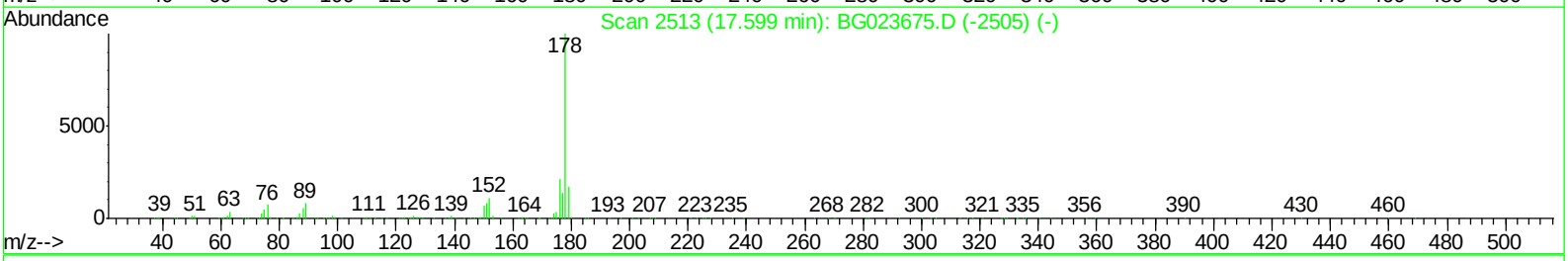
Quant Time: Aug 15 11:06:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
umangi
8/16/2016 6:59:34 PM







TIC: BG023700.D

(69) Phenanthrene

17.689min (+0.090) 6.72ng/ul

response 235488

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	15.20
176.00	19.80	18.42
0.00	0.00	0.00

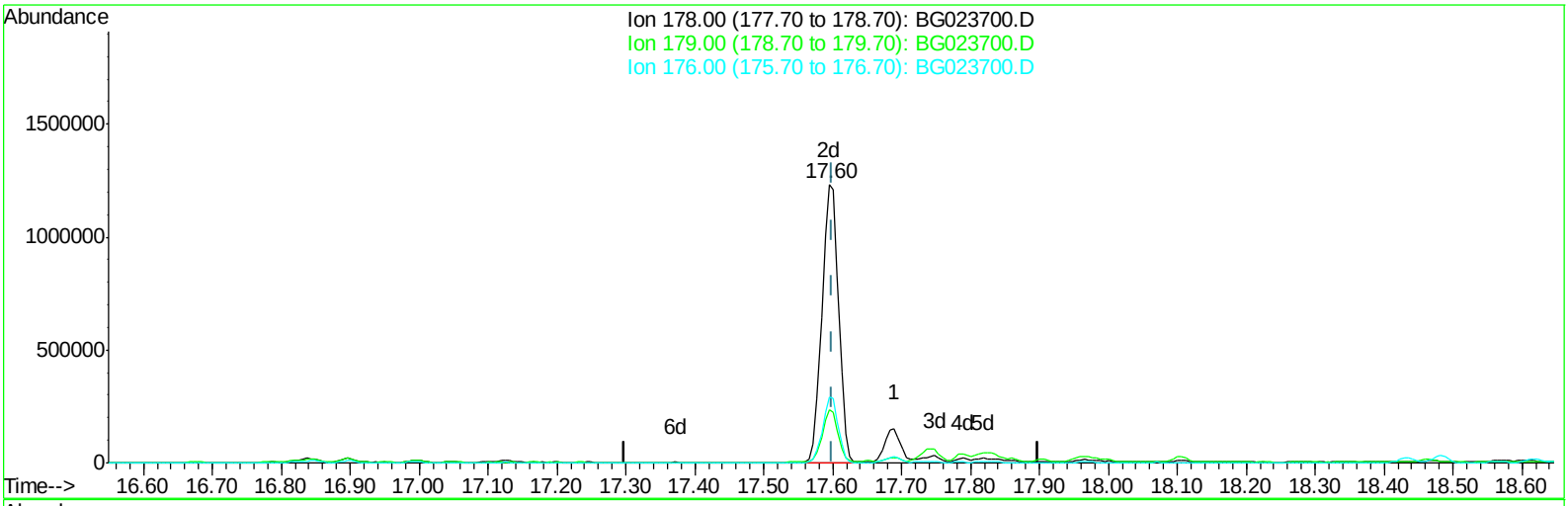
Quantitation Report (Qedit)

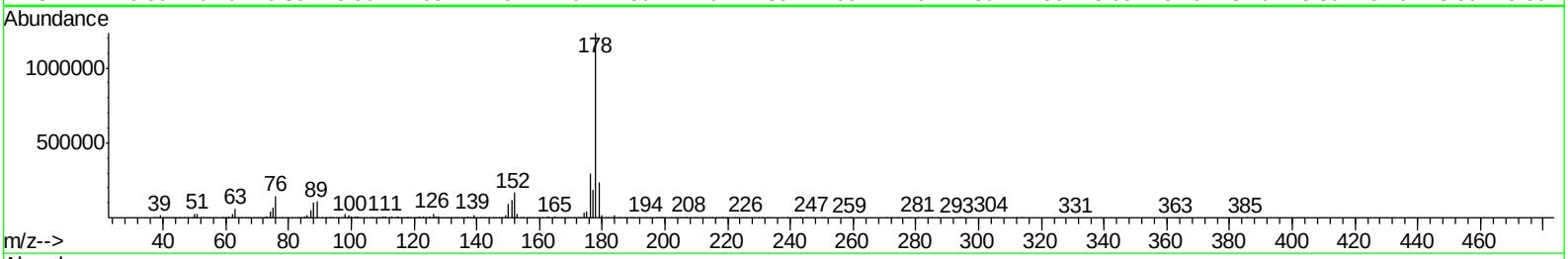
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023700.D
Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

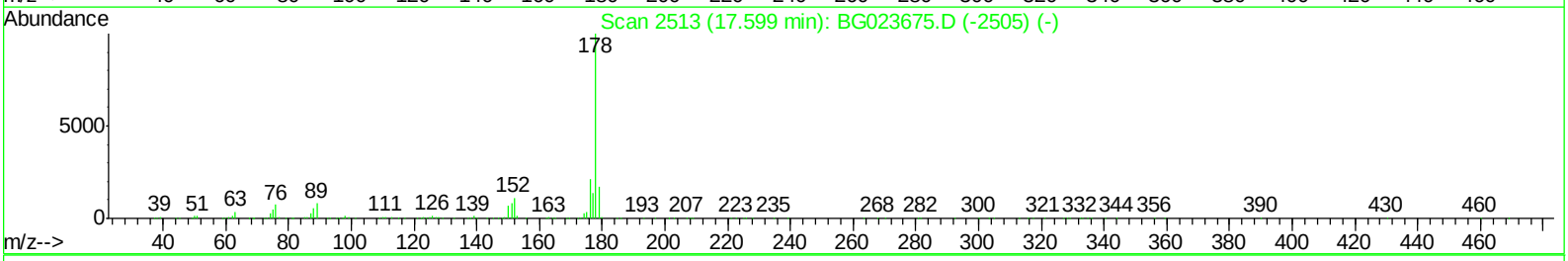
Quant Time: Aug 15 11:06:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
umangi
8/16/2016 6:59:34 PM







TIC: BG023700.D

(69) Phenanthrene

17.595min (-0.004) 59.15ng/ul m

response 2072158

Ion	Exp%	Act%
178.00	100	100
179.00	16.10	18.99
176.00	19.80	23.85#
0.00	0.00	0.00

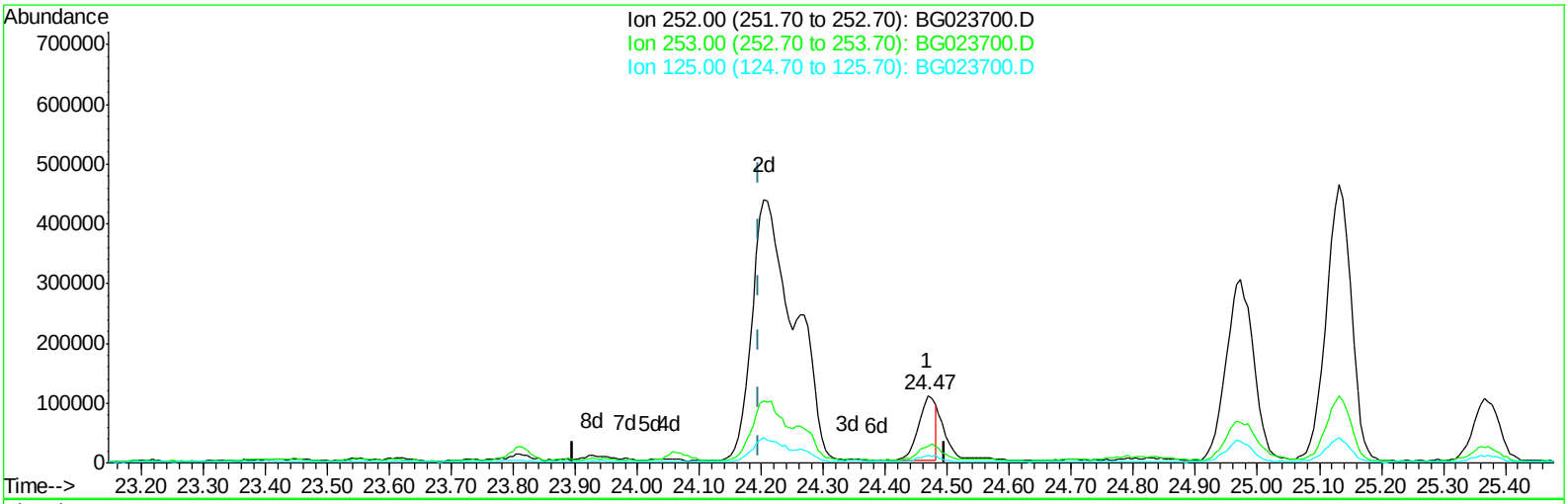
Quantitation Report (Qedit)

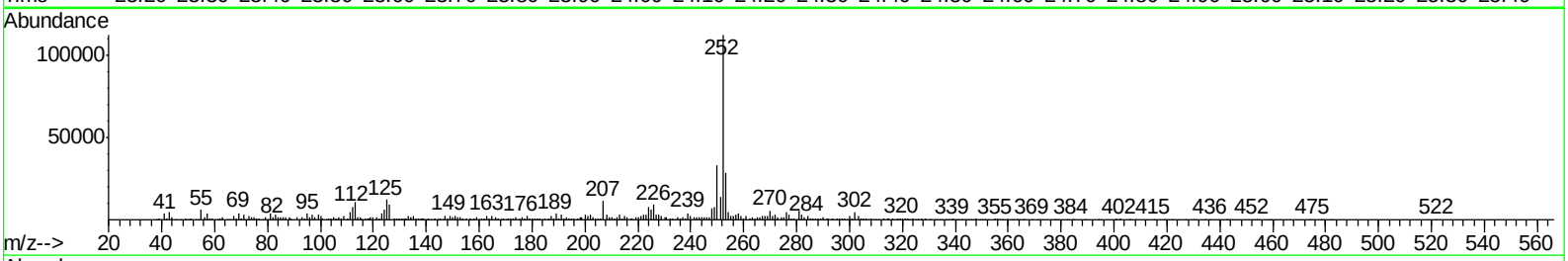
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023700.D
Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

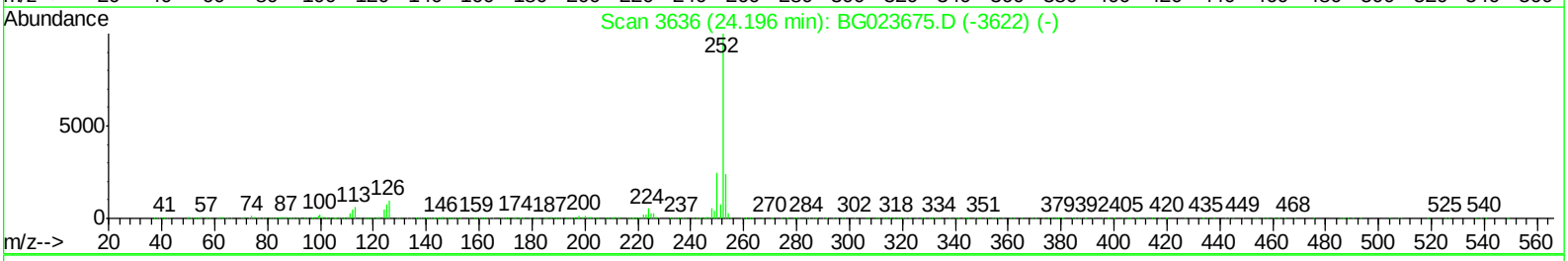
Quant Time: Aug 15 11:06:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
umangi
8/16/2016 6:59:34 PM







TIC: BG023700.D

(85) Benzo(b)fluoranthene

24.468min (+0.272) 4.71ng/ul

response 197260

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	25.20
125.00	13.50	10.86
0.00	0.00	0.00

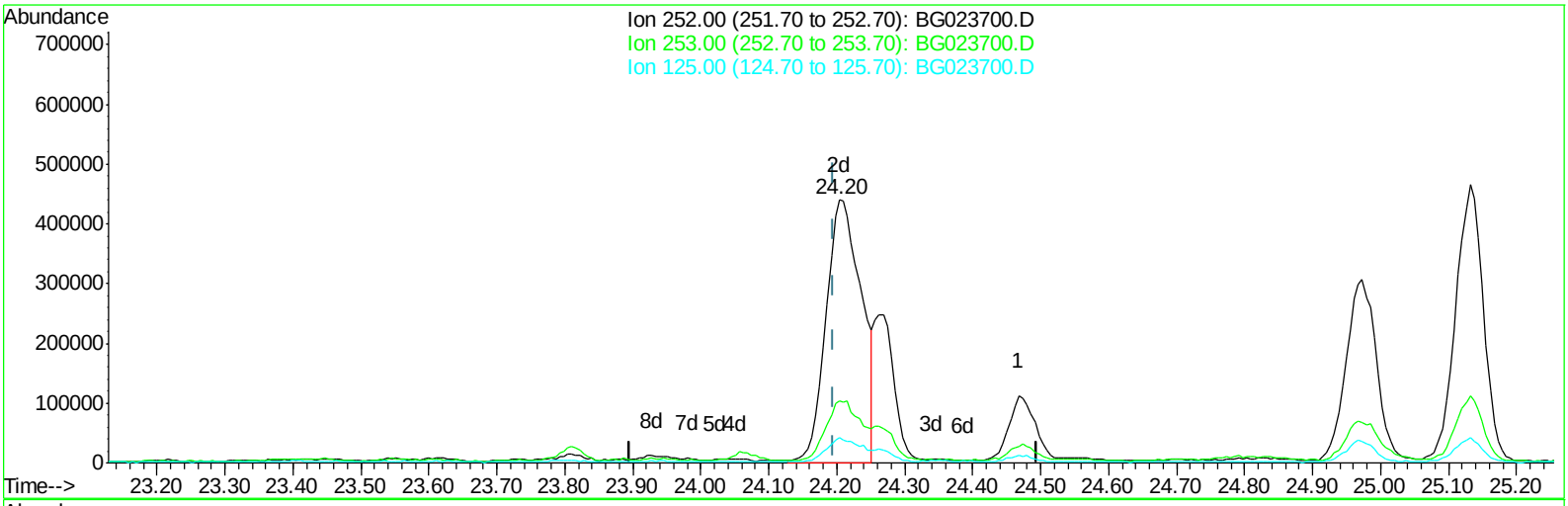
Quantitation Report (Qedit)

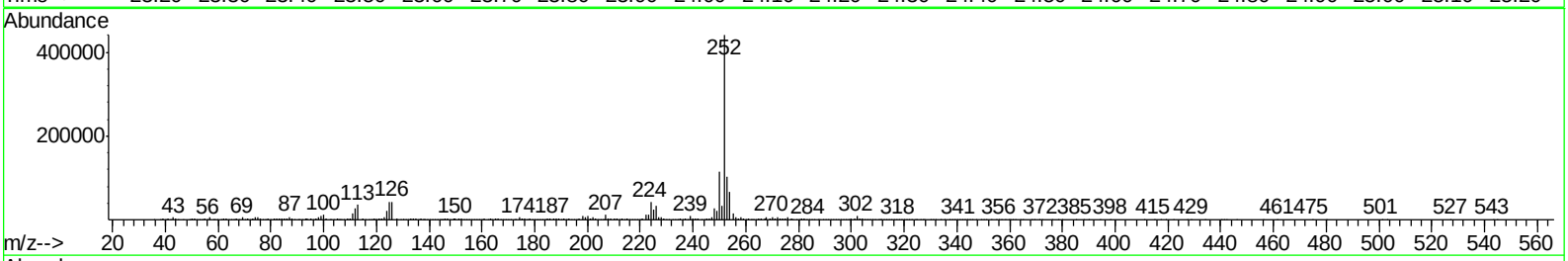
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023700.D
Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

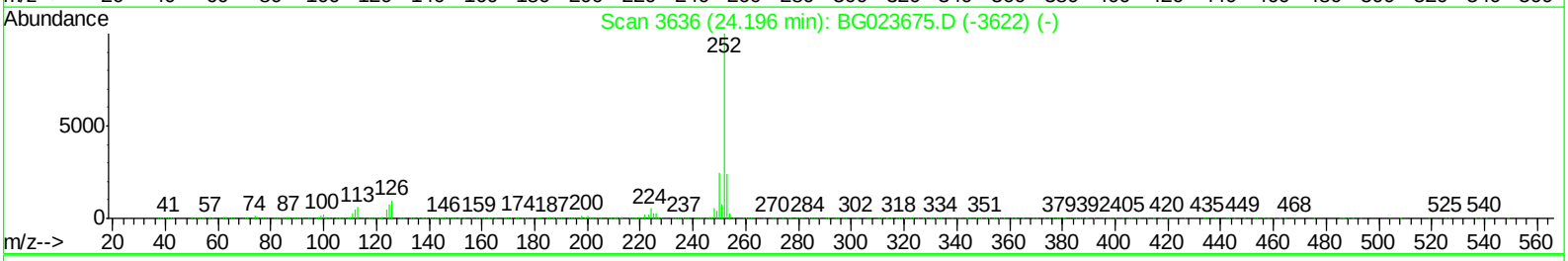
Quant Time: Aug 15 11:06:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
umangi
8/16/2016 6:59:34 PM







TIC: BG023700.D

(85) Benzo(b)fluoranthene

24.204min (+0.008) 38.25ng/ul m

response 1602294

Ion	Exp%	Act%
252.00	100	100
253.00	22.70	23.38
125.00	13.50	9.59#
0.00	0.00	0.00

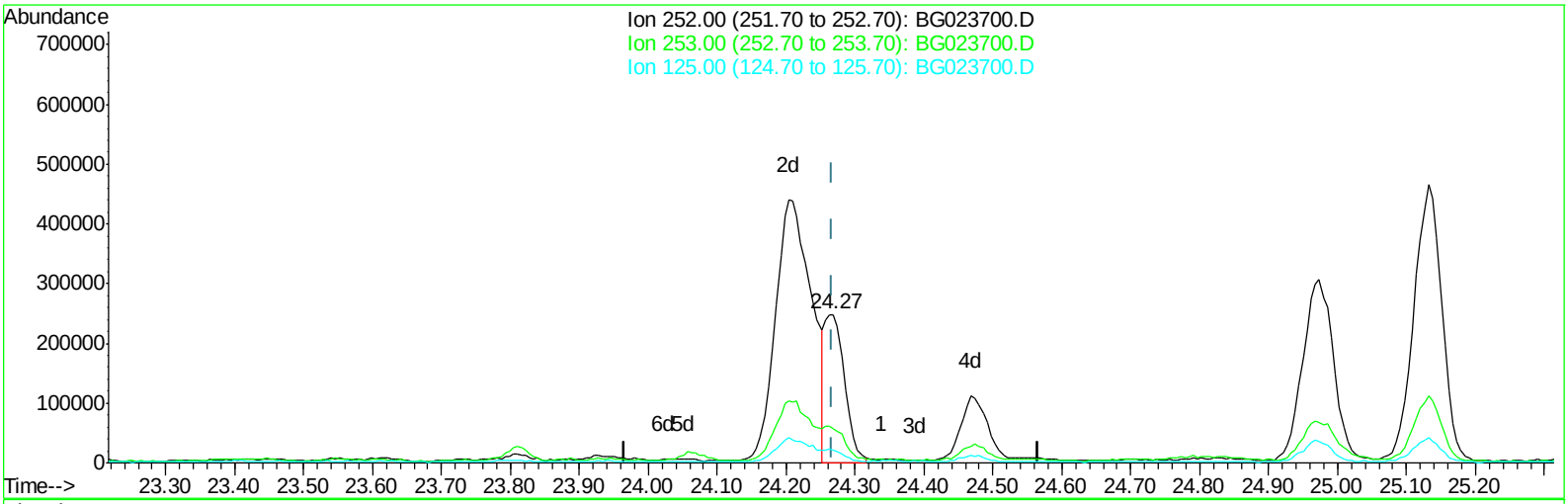
Quantitation Report (Qedit)

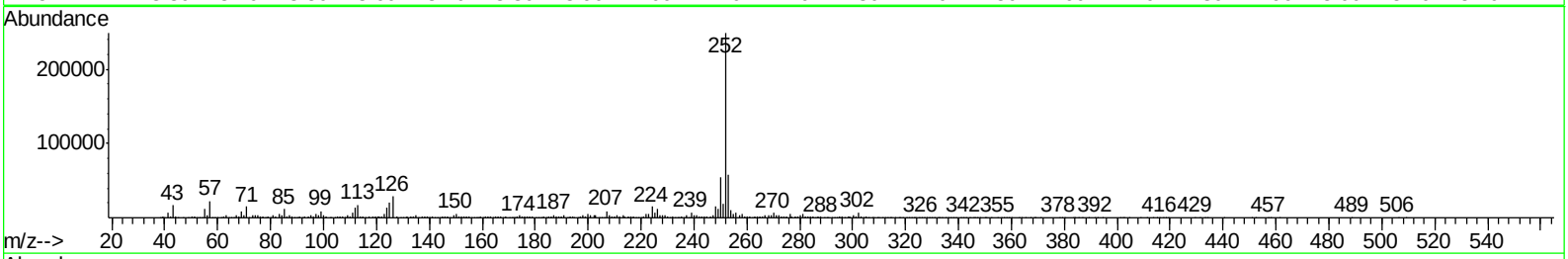
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023700.D
Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

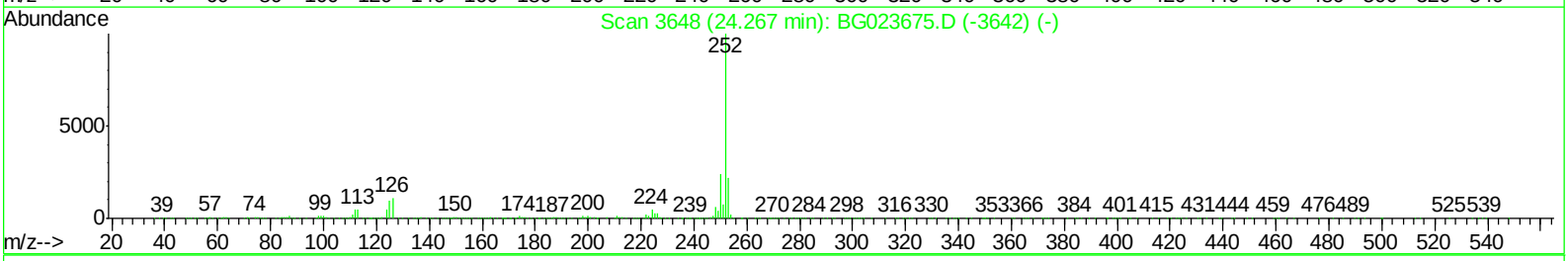
Quant Time: Aug 15 11:06:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
umangi
8/16/2016 6:59:34 PM







TIC: BG023700.D

(86) Benzo(k)fluoranthene

24.268min (+0.002) 12.20ng/ul m

response 503146

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	23.09
125.00	13.30	8.19#
0.00	0.00	0.00

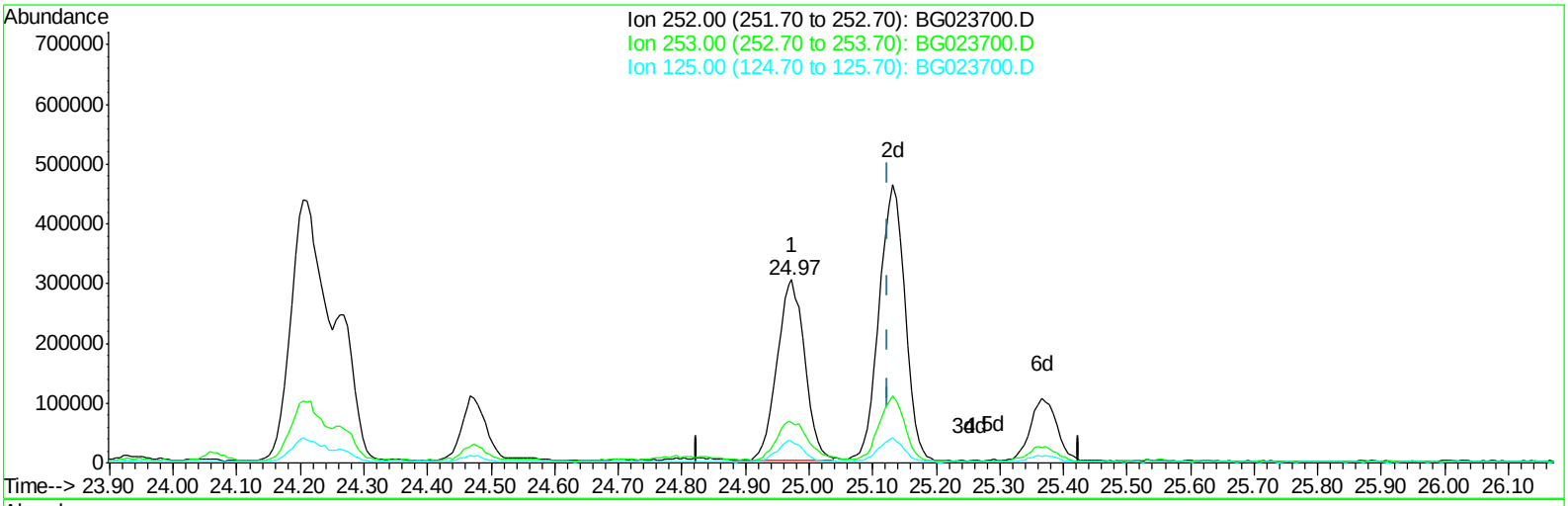
Quantitation Report (Qedit)

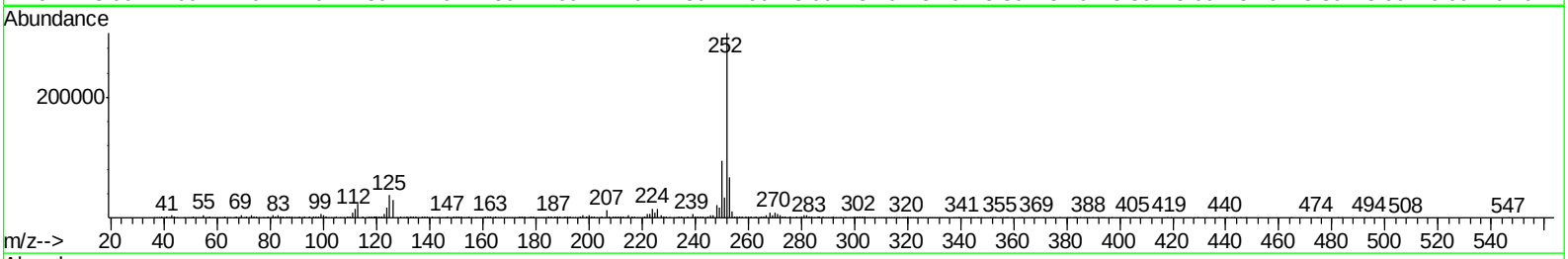
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023700.D
Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

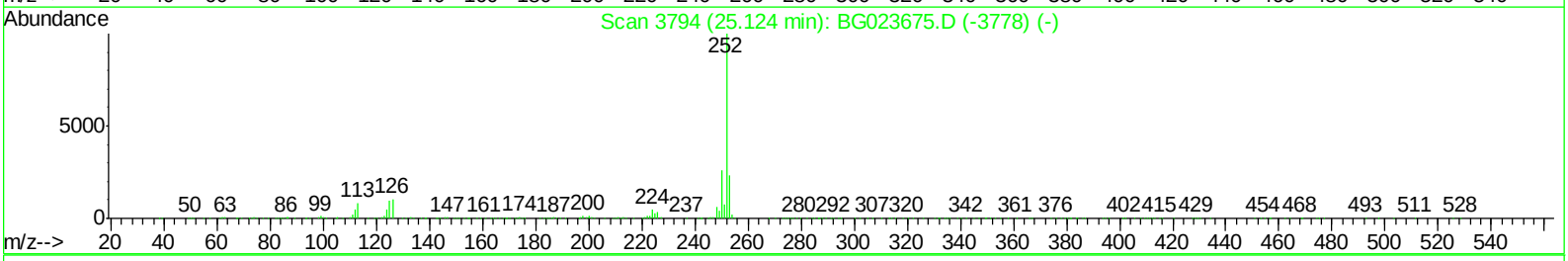
Quant Time: Aug 15 11:06:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
umangi
8/16/2016 6:59:34 PM







TIC: BG023700.D

(88) Benzo(a)pyrene (C)

24.973min (-0.151) 23.13ng/ul

response 935408

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	22.27
125.00	15.00	12.07
0.00	0.00	0.00

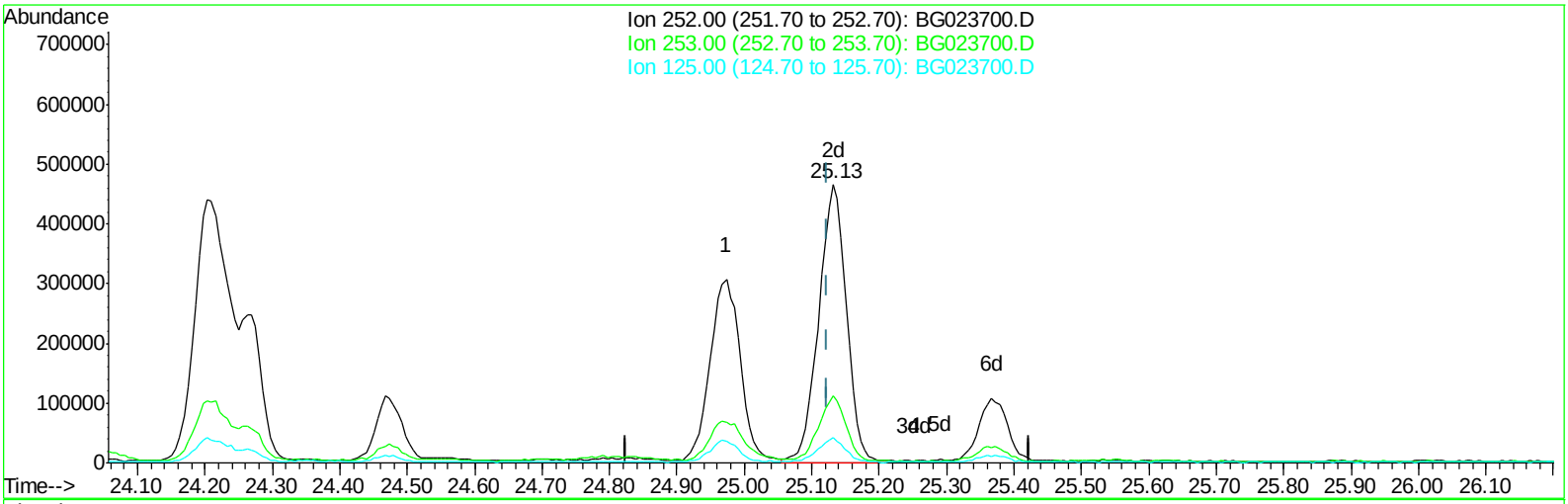
Quantitation Report (Qedit)

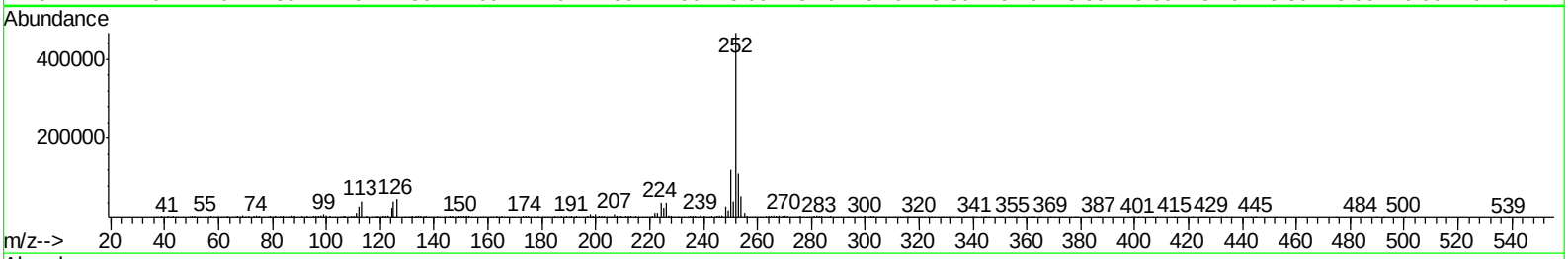
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023700.D
Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

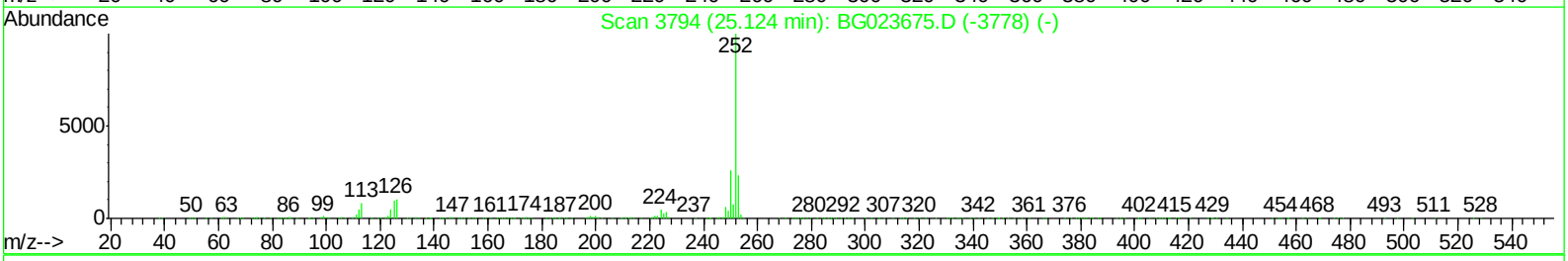
Quant Time: Aug 15 11:06:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
umangi
8/16/2016 6:59:34 PM







TIC: BG023700.D

(88) Benzo(a)pyrene (C)

25.132min (+0.008) 32.97ng/ul m

response 1333630

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	24.06
125.00	15.00	8.89#
0.00	0.00	0.00

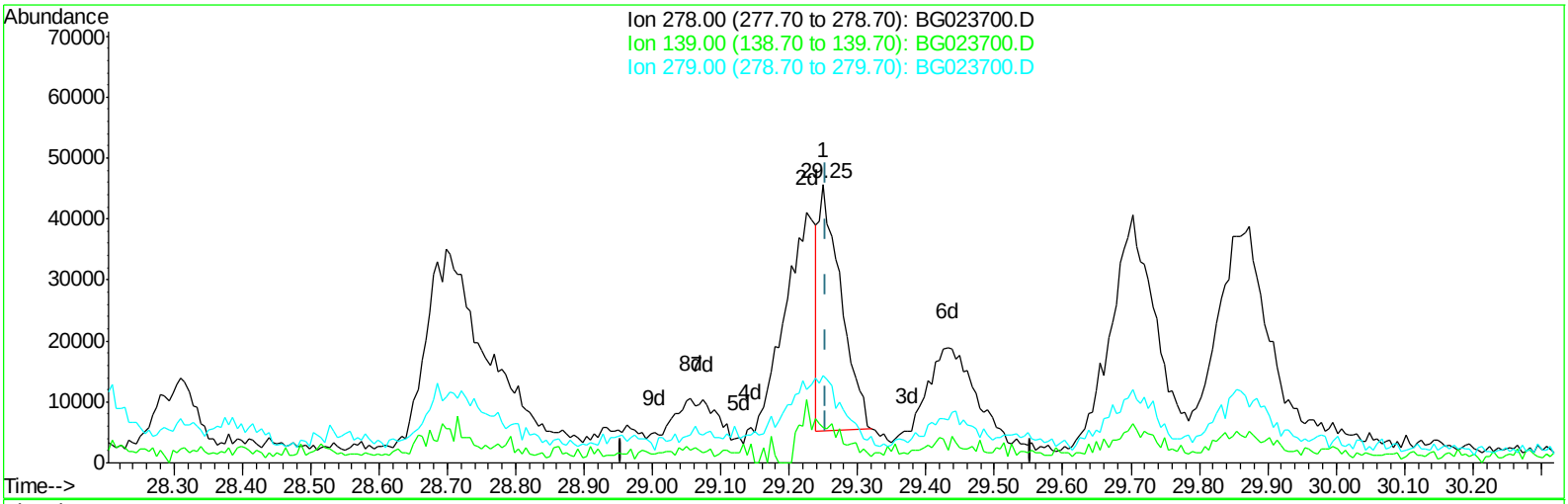
Quantitation Report (Qedit)

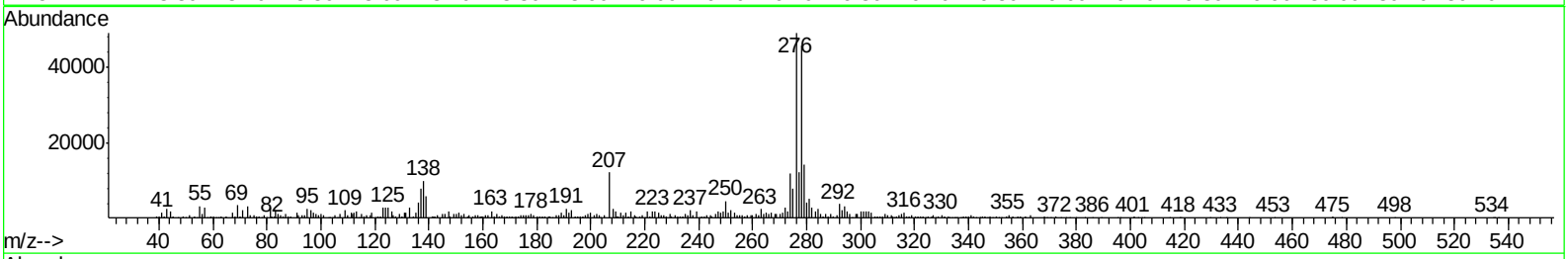
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023700.D
Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

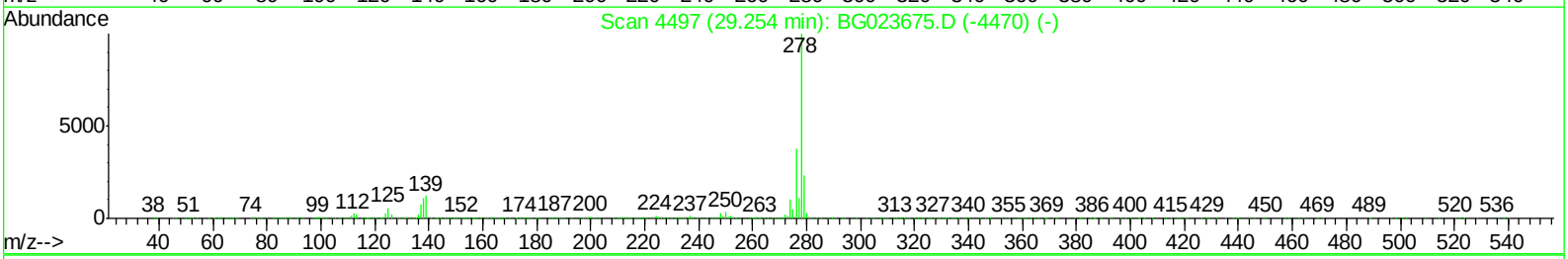
Quant Time: Aug 15 11:06:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
umangi
8/16/2016 6:59:34 PM







TIC: BG023700.D

(90) Dibenzo(a,h)anthracene

29.250min (-0.004) 2.26ng/ul

response 91637

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	12.67#
279.00	23.90	31.32#
0.00	0.00	0.00

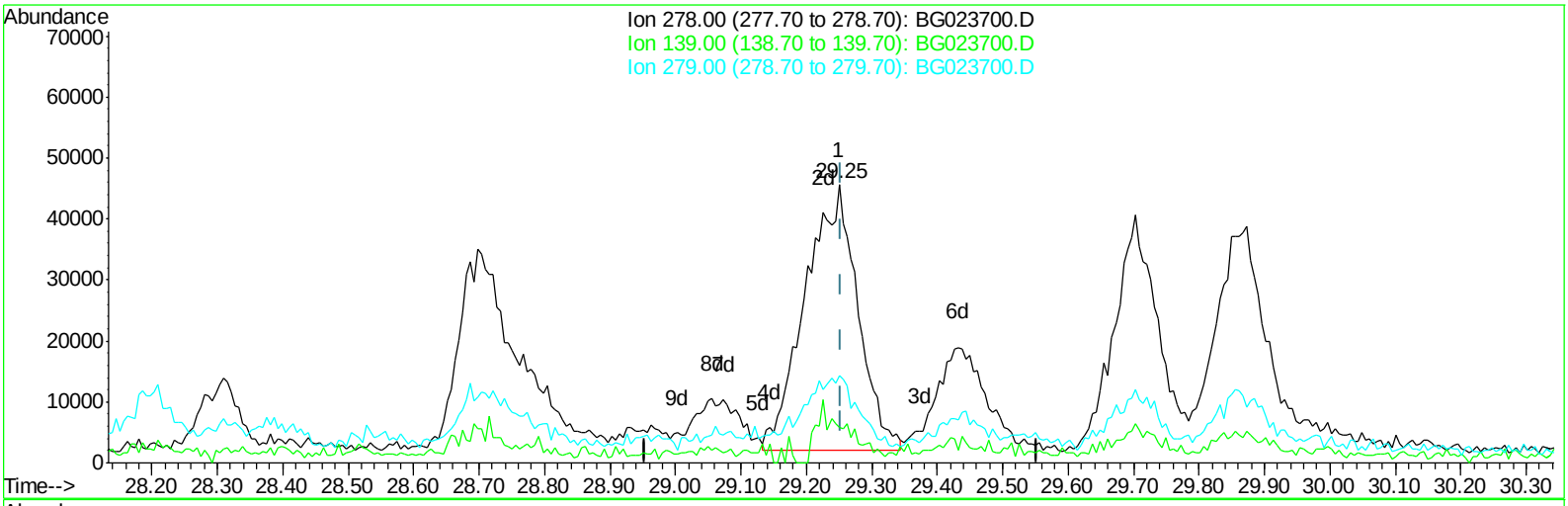
Quantitation Report (Qedit)

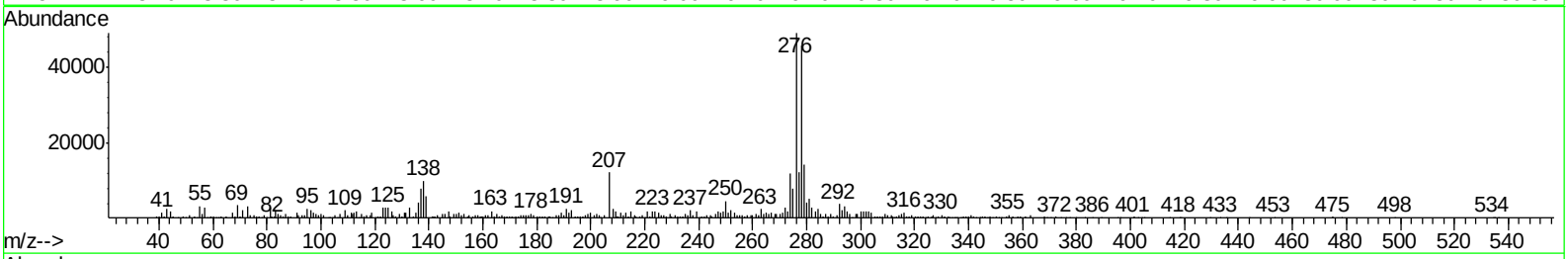
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023700.D
Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

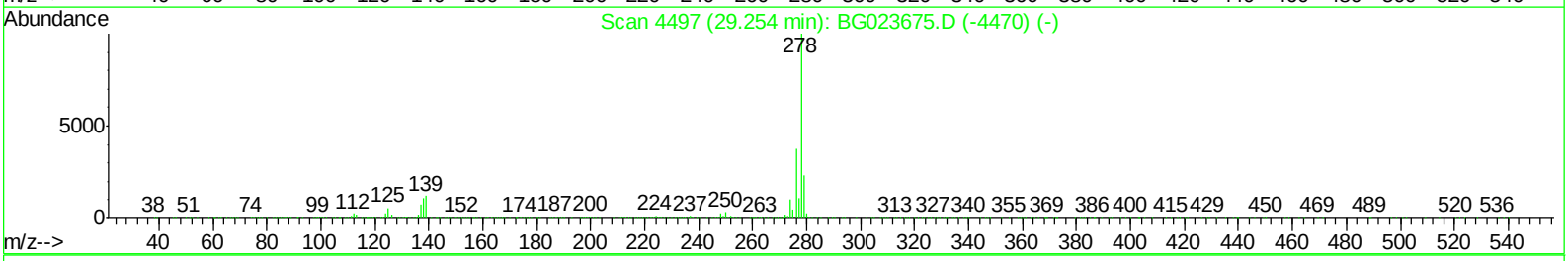
Quant Time: Aug 15 11:06:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
umangi
8/16/2016 6:59:34 PM







TIC: BG023700.D

(90) Dibenzo(a,h)anthracene

29.250min (-0.004) 5.92ng/ul m

response 239886

Ion	Exp%	Act%
278.00	100	100
139.00	20.40	12.67#
279.00	23.90	31.32#
0.00	0.00	0.00

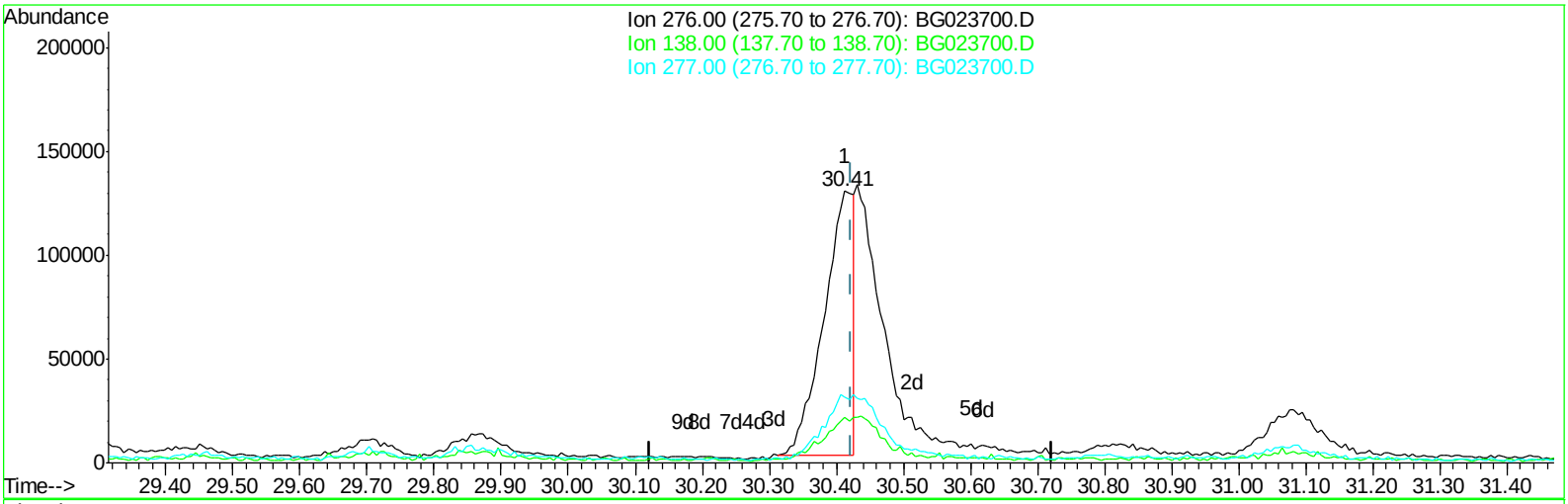
Quantitation Report (Qedit)

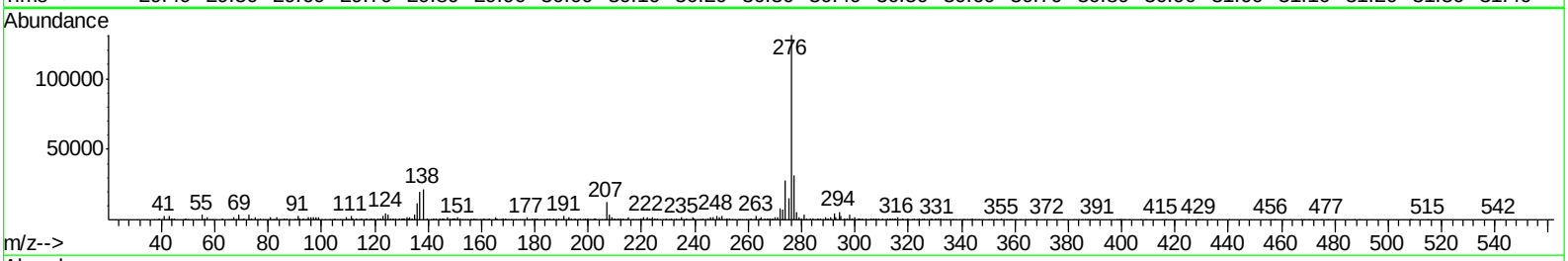
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023700.D
Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

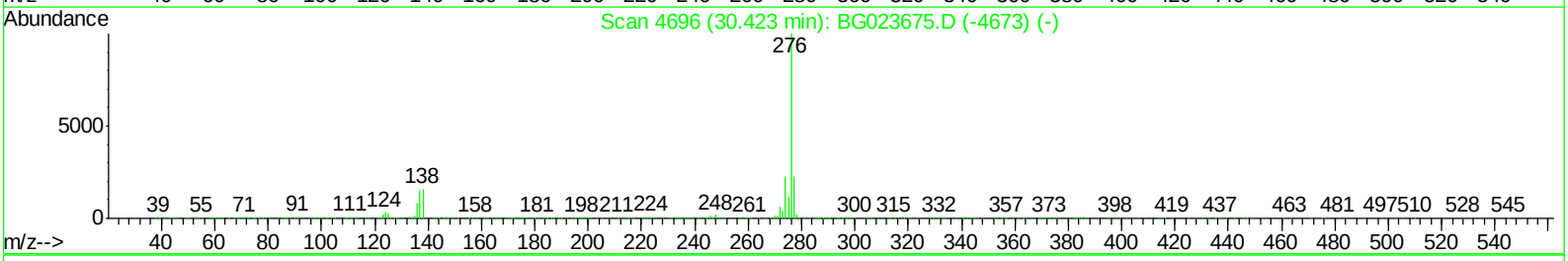
Quant Time: Aug 15 11:06:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
umangi
8/16/2016 6:59:34 PM







TIC: BG023700.D

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

30.413min (-0.010) 9.87ng/ul

response 388882

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	16.83#
277.00	21.20	24.01
0.00	0.00	0.00

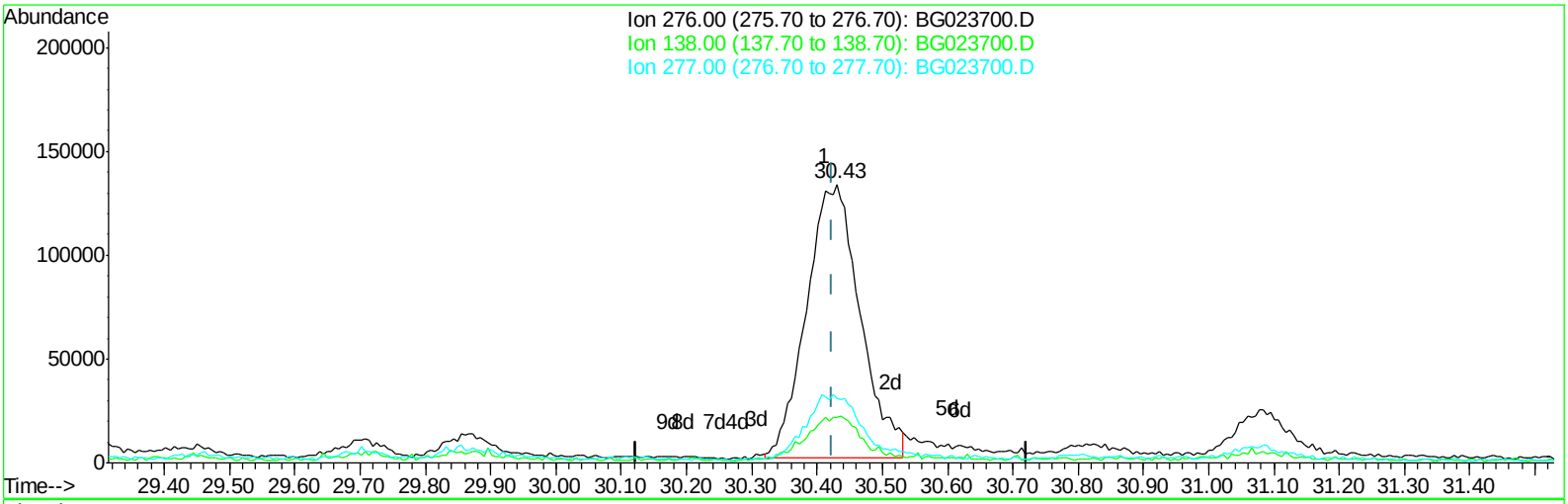
Quantitation Report (Qedit)

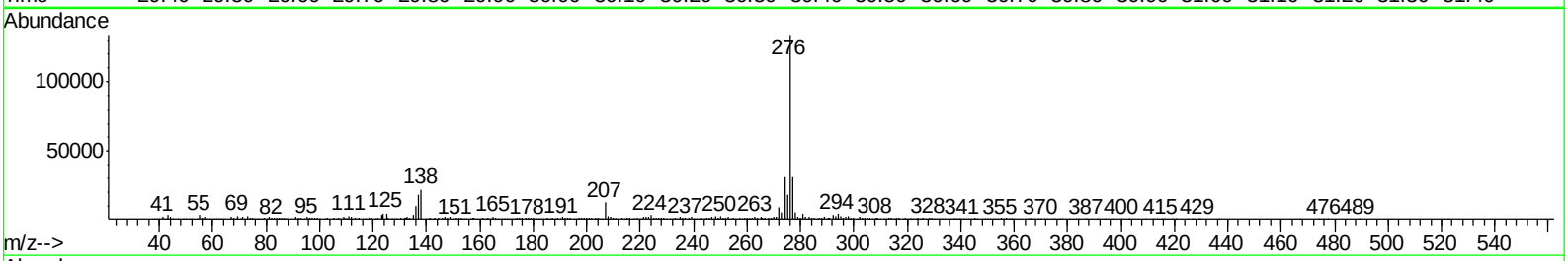
Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023700.D
Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

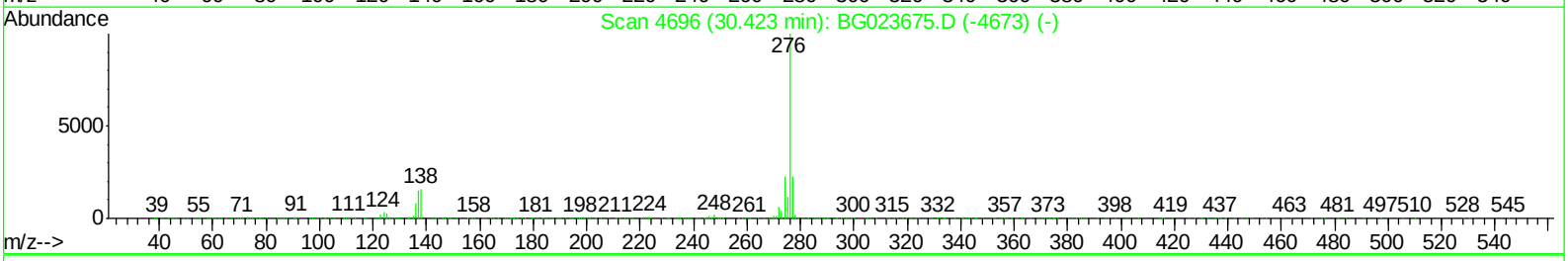
Quant Time: Aug 15 11:06:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
umangi
8/16/2016 6:59:34 PM







TIC: BG023700.D

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

30.431min (+0.008) 19.25ng/ul m

response 758712

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	16.58#
277.00	21.20	23.35
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023700.D
Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 15 19:49:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
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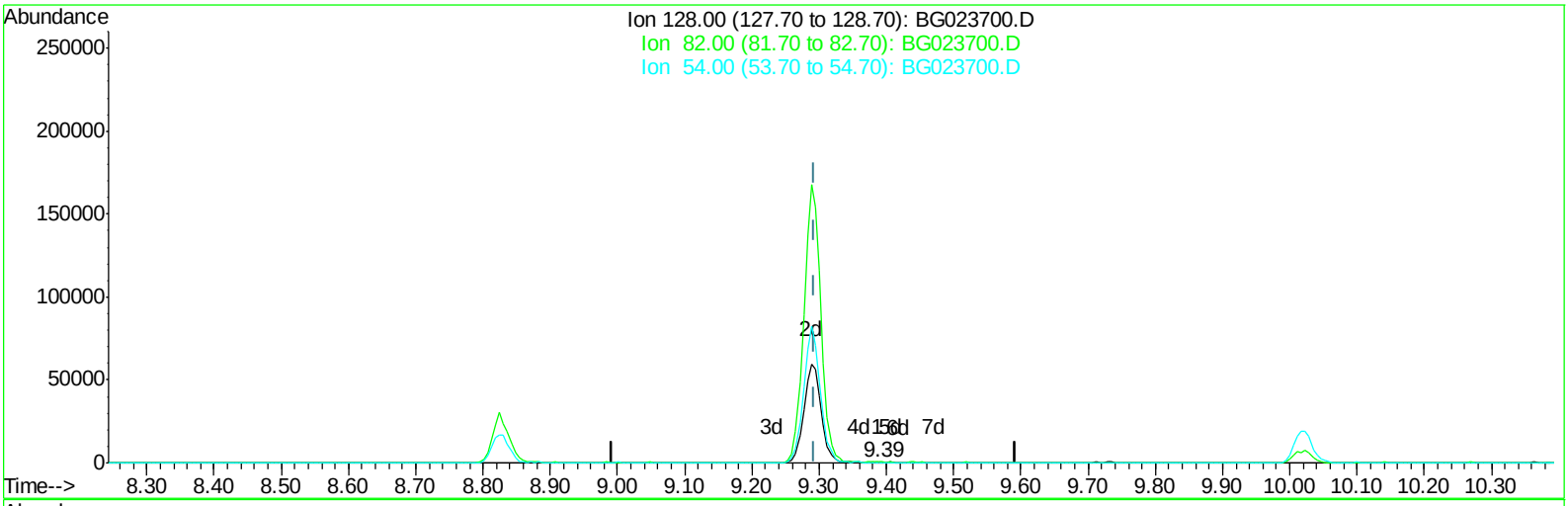

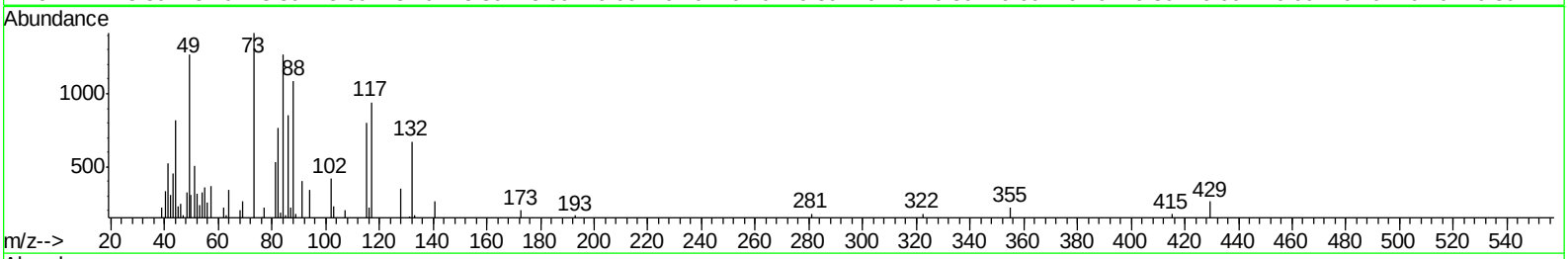

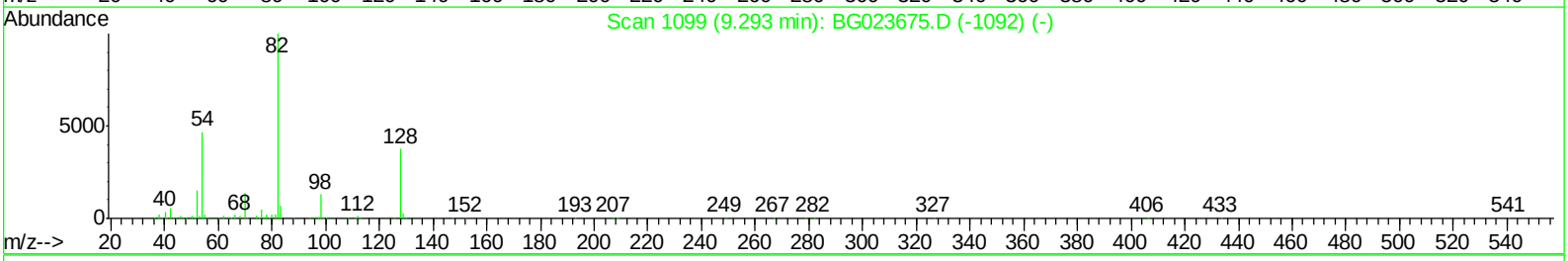

TIC: BG023700.D

(19) Nitrobenzene-d5 (S)

9.388min (+0.096) 0.05ng/ul

response 195

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	217.85
54.00	78.50	91.22
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
Data File : BG023700.D
Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 15 19:49:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
umangi
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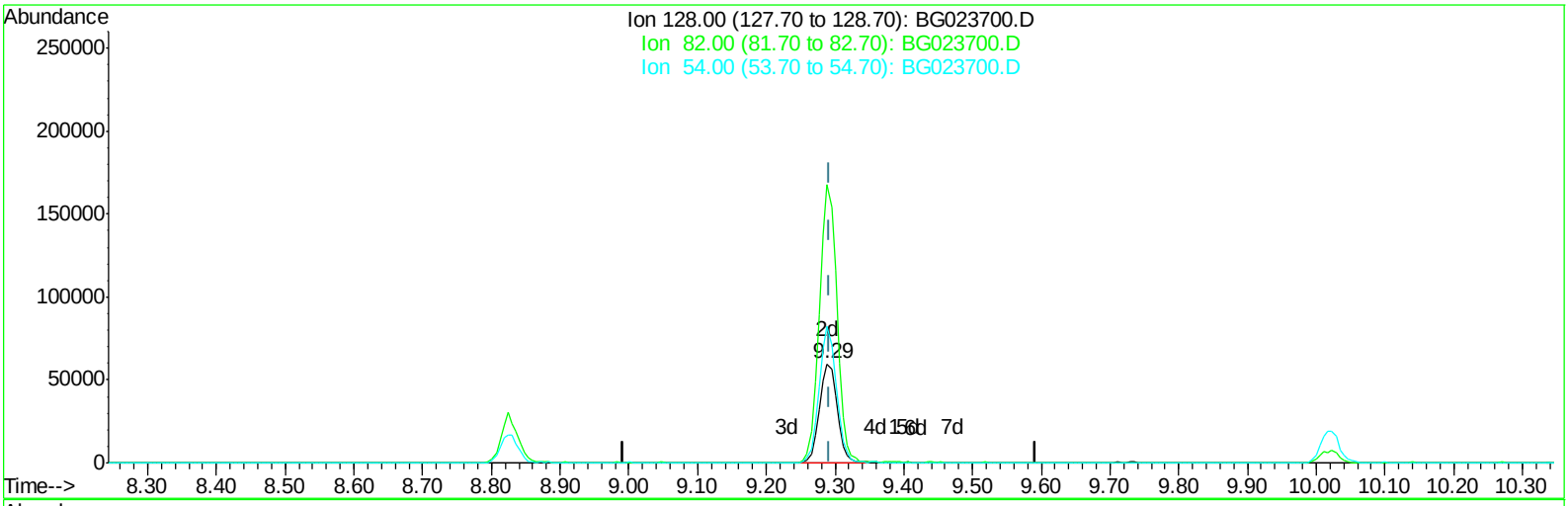

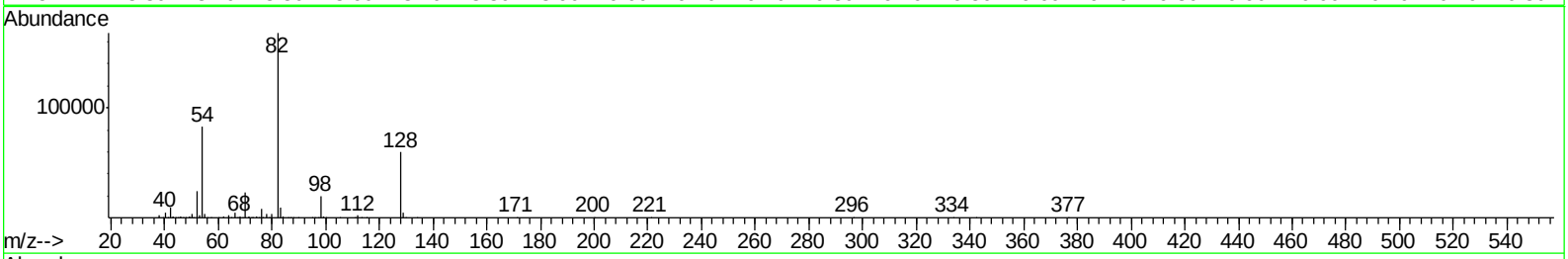

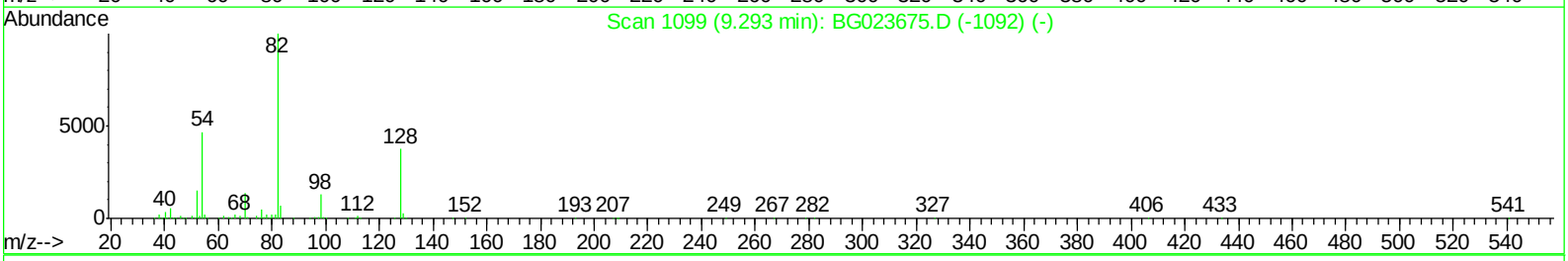

TIC: BG023700.D

(19) Nitrobenzene-d5 (S)

9.289min (-0.004) 25.77ng/ul m

response 107481

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	281.90#
54.00	78.50	138.49#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081316\
Data File : BG023700.D
Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 23 18:43:20 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
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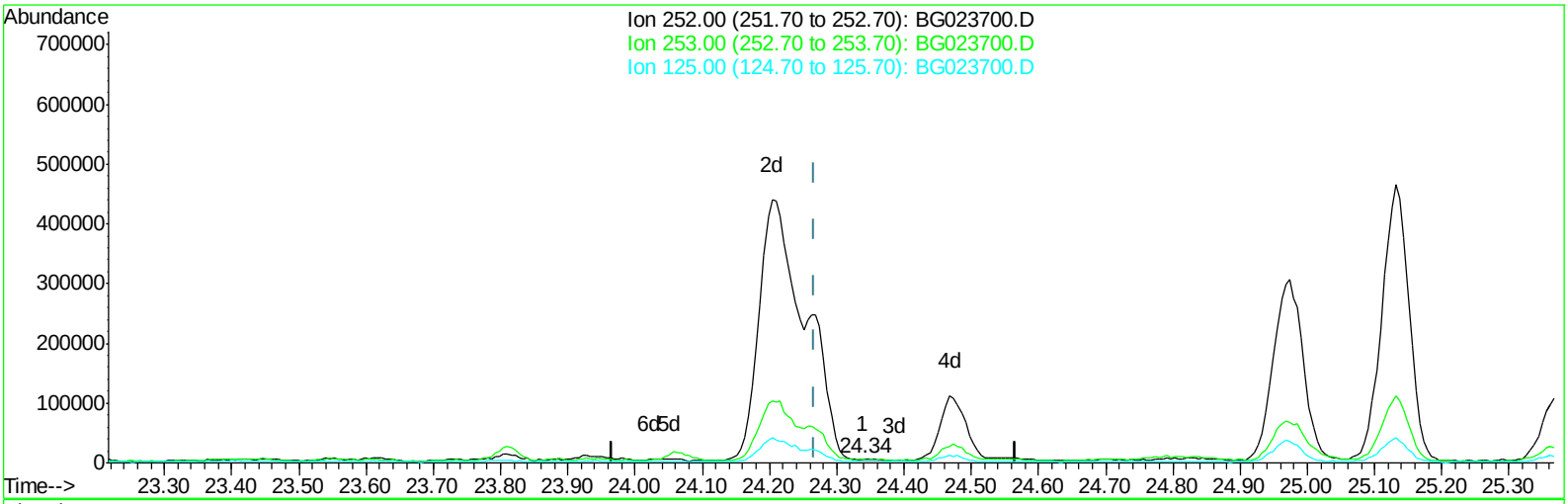

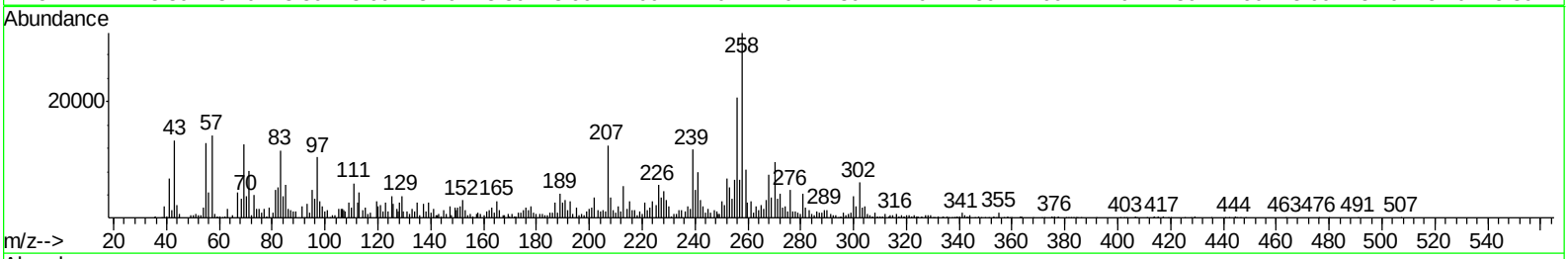

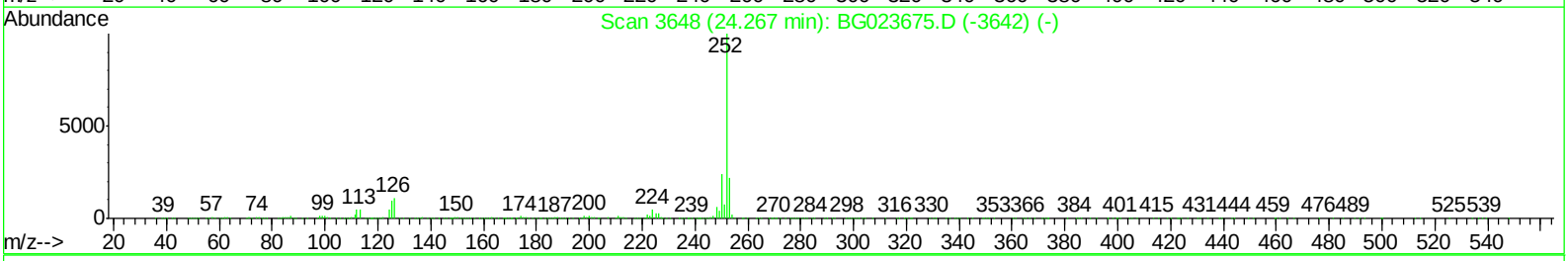

TIC: BG023700.D

(86) Benzo(k)fluoranthene

24.339min (+0.072) 0.11ng/ul

response 4586

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	78.01#
125.00	13.30	54.51#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
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Acq On : 13 Aug 2016 22:53
Operator : UM/SJ
Sample : H4385-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
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Quant Time: Aug 15 19:50:40 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 06:38:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	119318	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	529156	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	335738	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	676461	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	733376	20.00	ng/ul	0.00
83) Perylene-d12	25.29	264	736553	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	8569	3.05	ng/uL	0.00
5) Phenol-d5	7.27	99	275884	22.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	174799	22.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	191009	23.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	221181	23.57	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	107481m	25.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	126909	26.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	240363	26.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	221952	20.94	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	816300	29.70	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	957719	30.96	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	122822	26.17	ng/ul	0.00
57) Fluorene-d10	15.79	176	730588	28.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	118225	27.24	ng/ul	0.00
70) Anthracene-d10	17.65	188	1052511	34.53	ng/ul	0.00
76) Pyrene-d10	19.94	212	1163072	31.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	1193391	35.80	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	11.00	128	32415	1.21	ng/ul	98
34) 2-Methylnaphthalene	12.61	142	95399	4.38	ng/ul	97
44) Dimethylphthalate	14.22	163	399029	14.66	ng/ul	98
47) Acenaphthylene	14.51	152	284537	8.79	ng/ul#	95
49) Acenaphthene	14.85	153	40346	1.83	ng/ul#	88
58) Fluorene	15.84	166	171426	6.30	ng/ul#	96
69) Phenanthrene	17.60	178	2072158m	59.15	ng/ul	
71) Anthracene	17.69	178	238314	6.67	ng/ul	97
74) Fluoranthene	19.62	202	2203885	61.45	ng/ul	94
77) Pyrene	19.98	202	2878817	63.50	ng/ul	99
80) Benzo(a)anthracene	21.86	228	1547648	37.47	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.73	149	78771	3.41	ng/ul#	98
82) Chrysene	21.93	228	1759241	46.85	ng/ul#	90
85) Benzo(b)fluoranthene	24.20	252	1602294m	38.25	ng/ul	
86) Benzo(k)fluoranthene	24.27	252	503146m	12.20	ng/ul	
88) Benzo(a)pyrene	25.13	252	1333630m	32.97	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.19	276	765812	16.11	ng/ul#	84
90) Dibenzo(a,h)anthracene	29.25	278	239886m	5.92	ng/ul	
91) Benzo(g,h,i)perylene	30.43	276	758712m	19.25	ng/ul	

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

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Data Path : Z:\HPCHEM1\BNA G\Data\BG081316\
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Acq On : 13 Aug 2016 22:53
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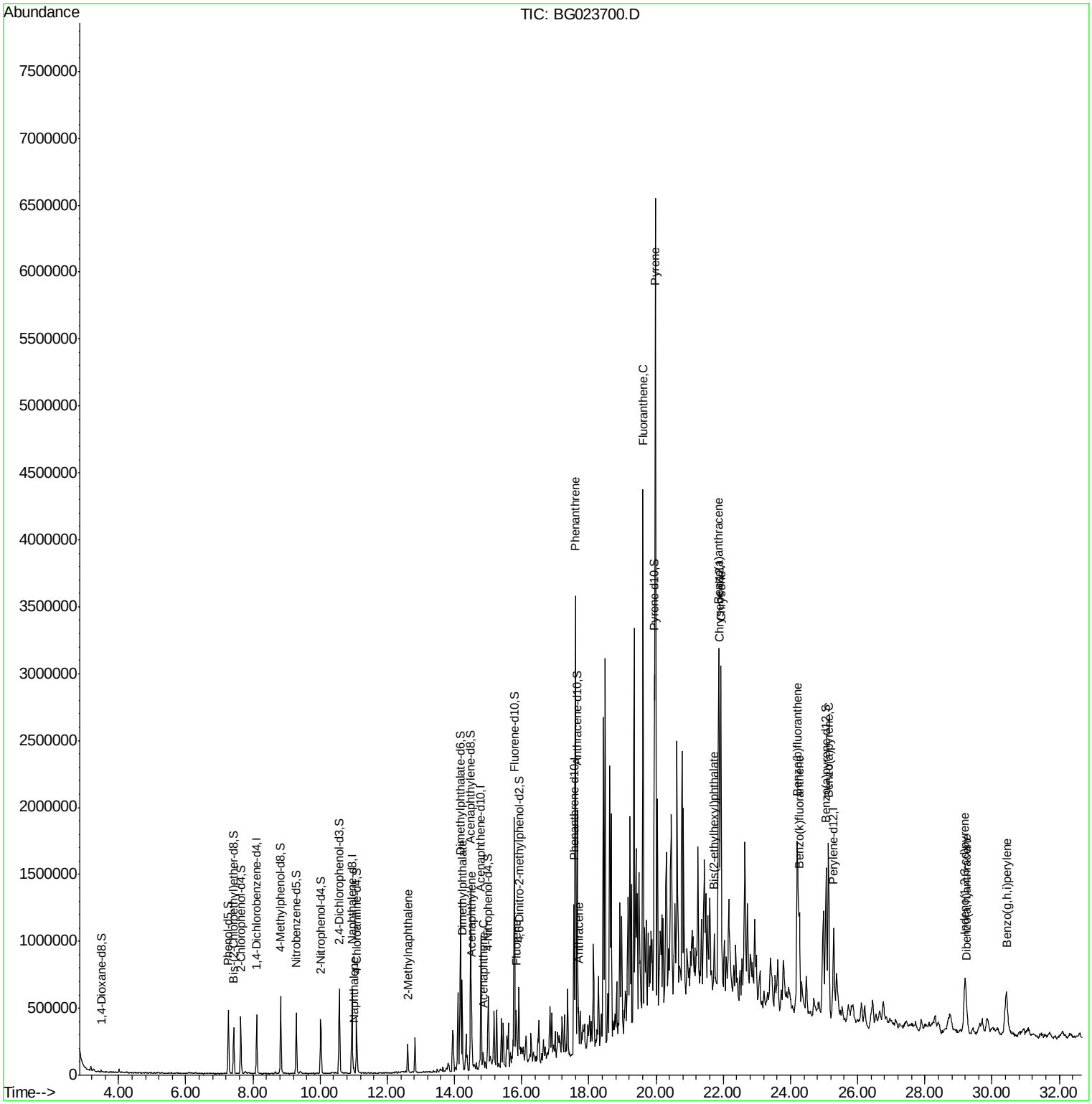
Instrument :
BNA_G
ClientSampleId :
P002-SS003-0612-01

Manual Integrations APPROVED
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8/16/2016 6:59:34 PM