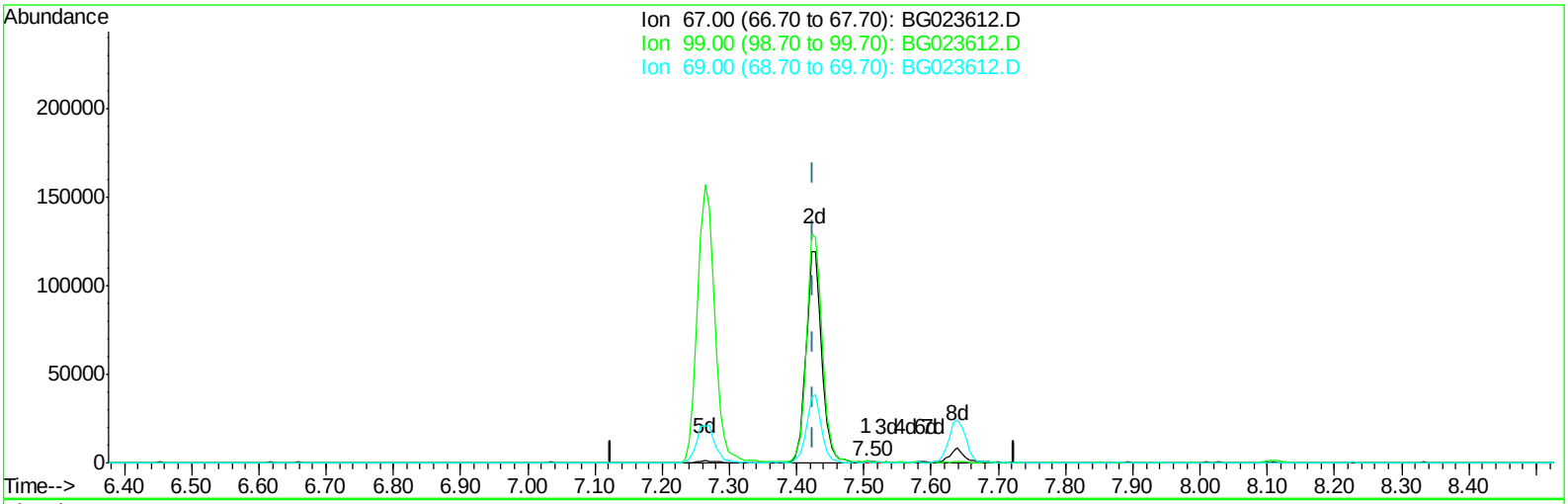
Quantitation Report (Qedit)

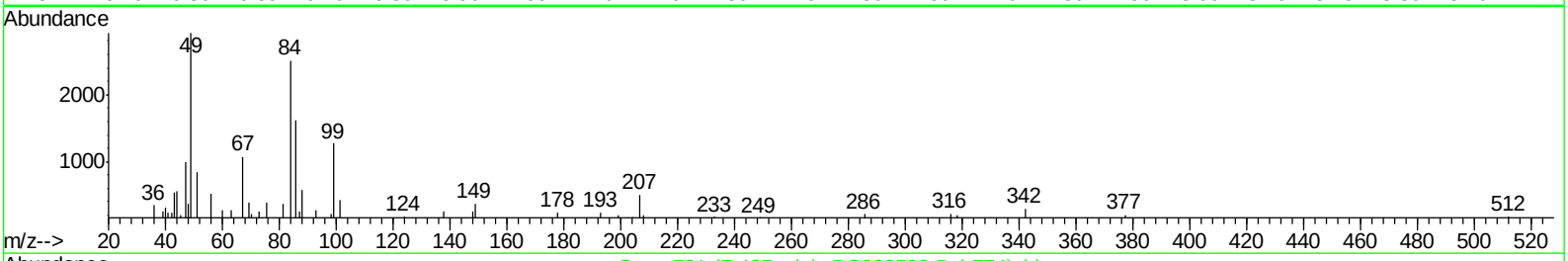
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

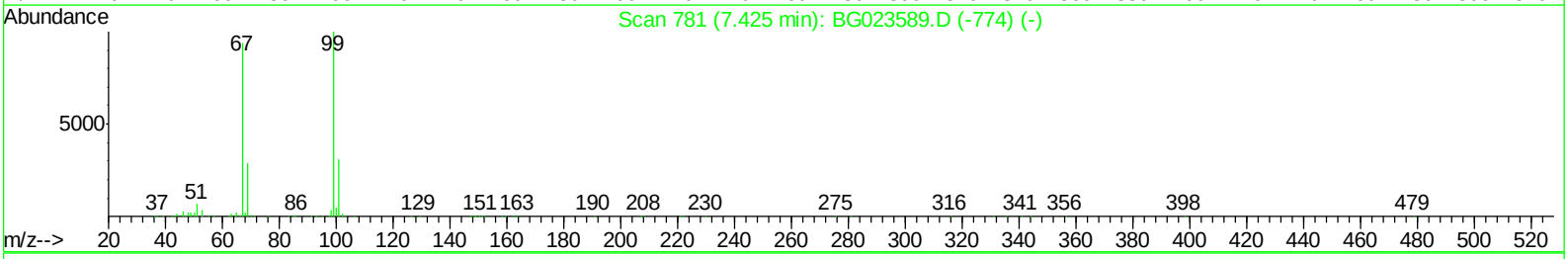
Quant Time: Aug 11 05:54:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Manual Integrations APPROVED
sohil
8/11/2016 6:14:27 PM







TIC: BG023612.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.504min (+0.079) 0.10ng/ul

response 978

Ion	Exp%	Act%
67.00	100	100
99.00	142.10	118.70
69.00	34.00	36.19
0.00	0.00	0.00

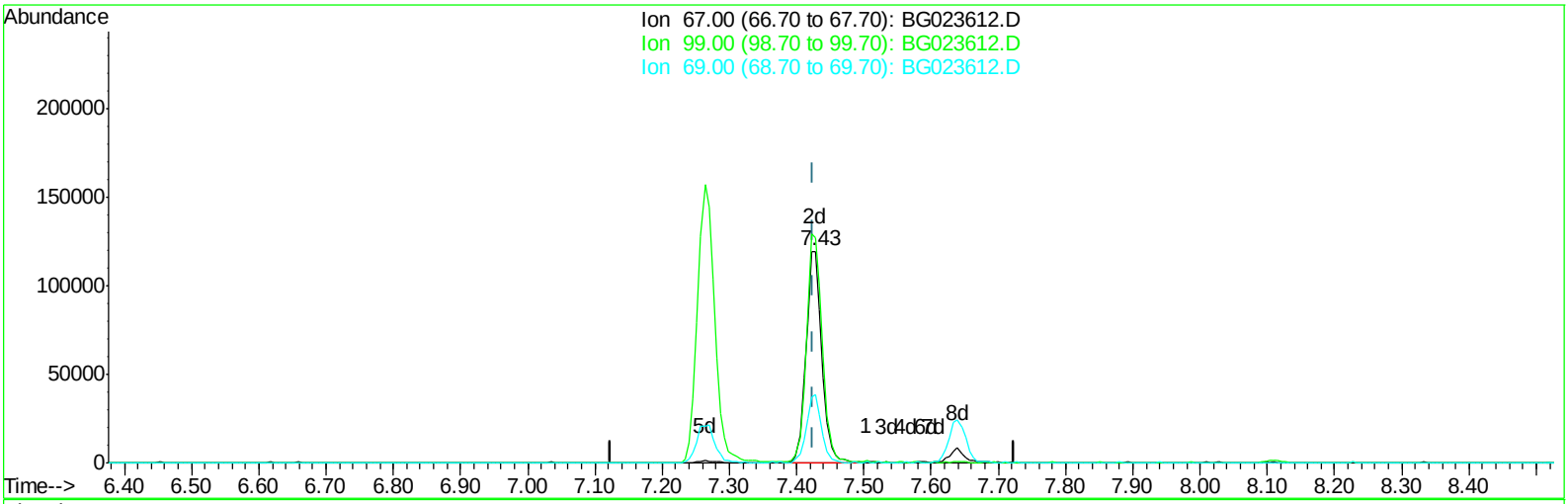
Quantitation Report (Qedit)

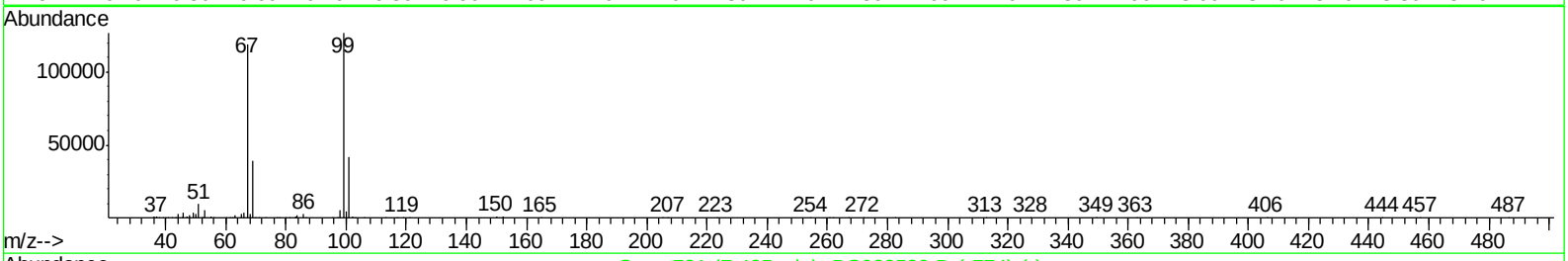
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

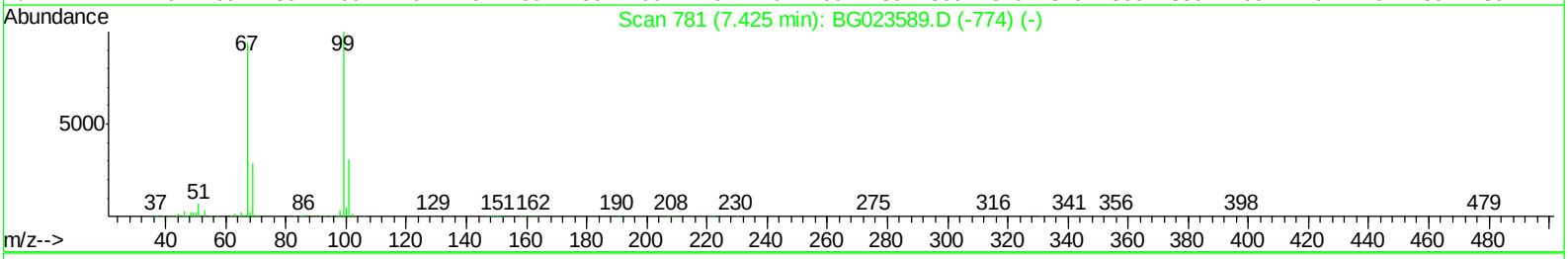
Quant Time: Aug 11 05:54:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Manual Integrations APPROVED
sohil
8/11/2016 6:14:27 PM







TIC: BG023612.D

(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.428min (+0.003) 19.67ng/ul m

response 198110

Ion	Exp%	Act%
67.00	100	100
99.00	142.10	106.37#
69.00	34.00	32.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 11 05:54:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Manual Integrations APPROVED
sohil
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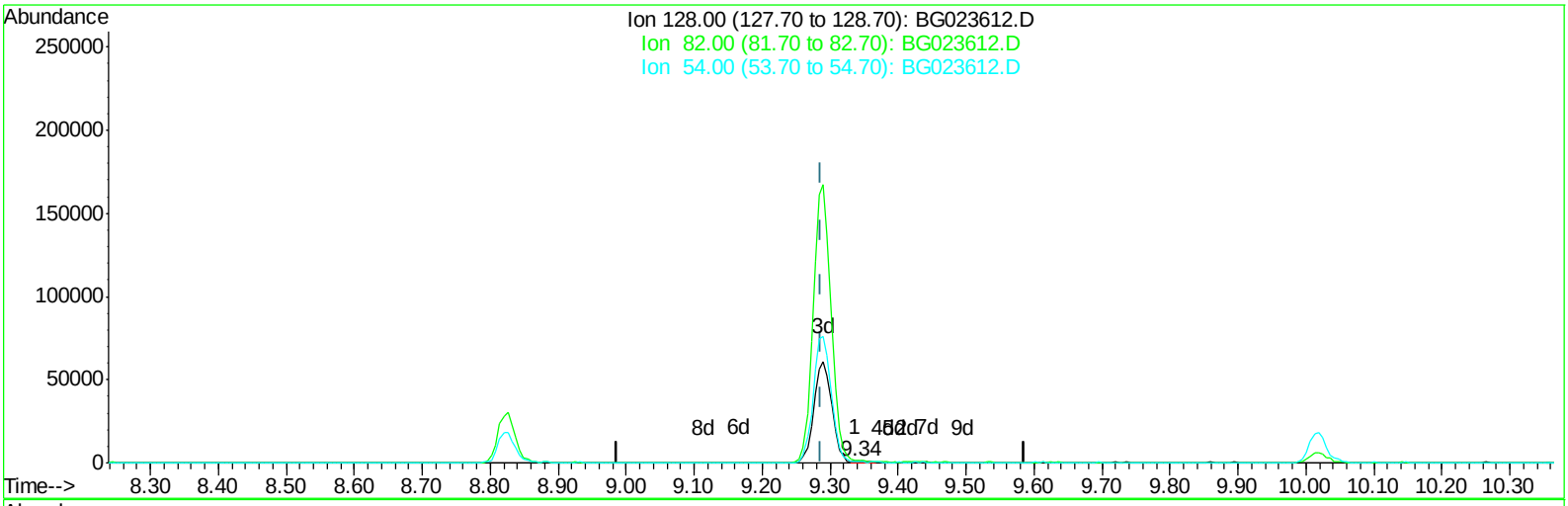

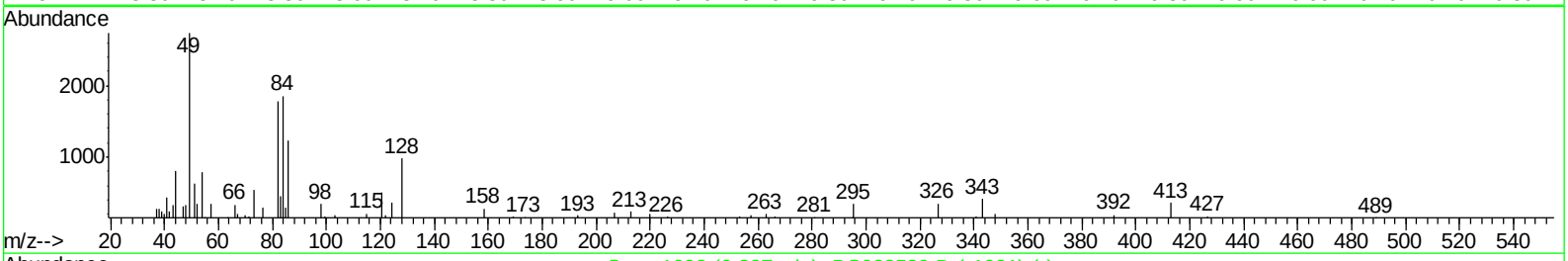

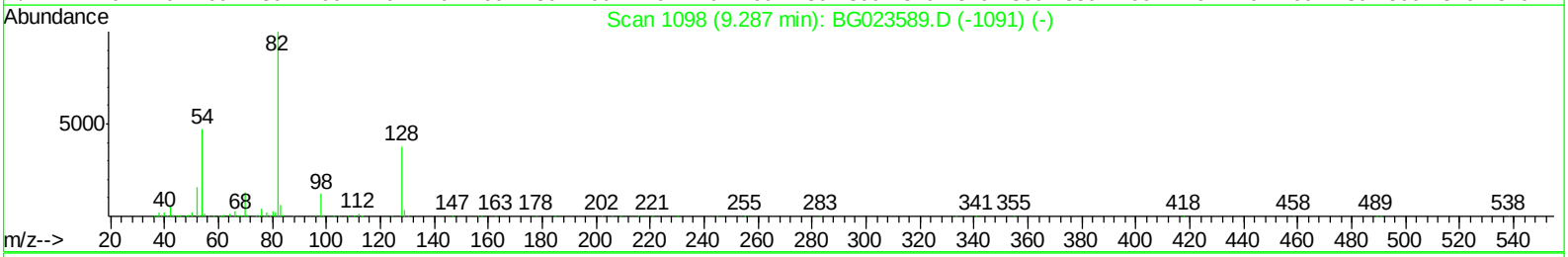

TIC: BG023612.D

(19) Nitrobenzene-d5 (S)

9.337min (+0.050) 0.21ng/ul

response 1195

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	181.36
54.00	78.50	79.94
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 11 05:54:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Manual Integrations APPROVED
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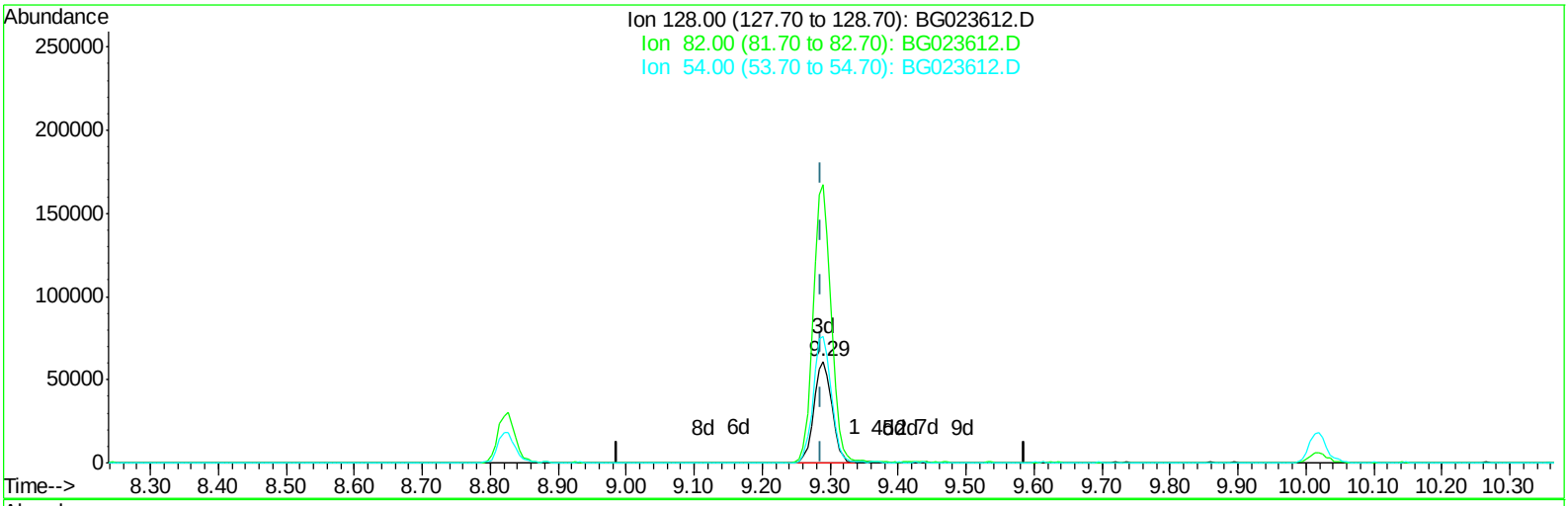

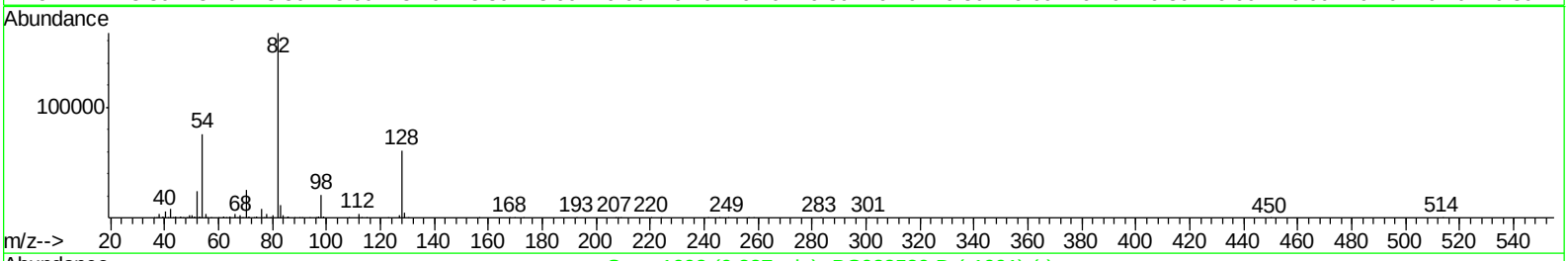

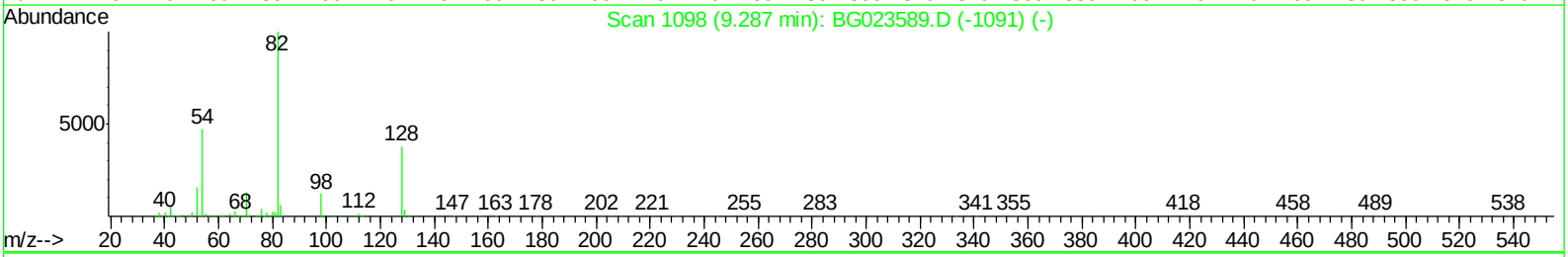

TIC: BG023612.D

(19) Nitrobenzene-d5 (S)

9.290min (+0.003) 20.04ng/ul m

response 111713

Ion	Exp%	Act%
128.00	100	100
82.00	219.50	273.32#
54.00	78.50	124.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 11 05:54:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Manual Integrations APPROVED
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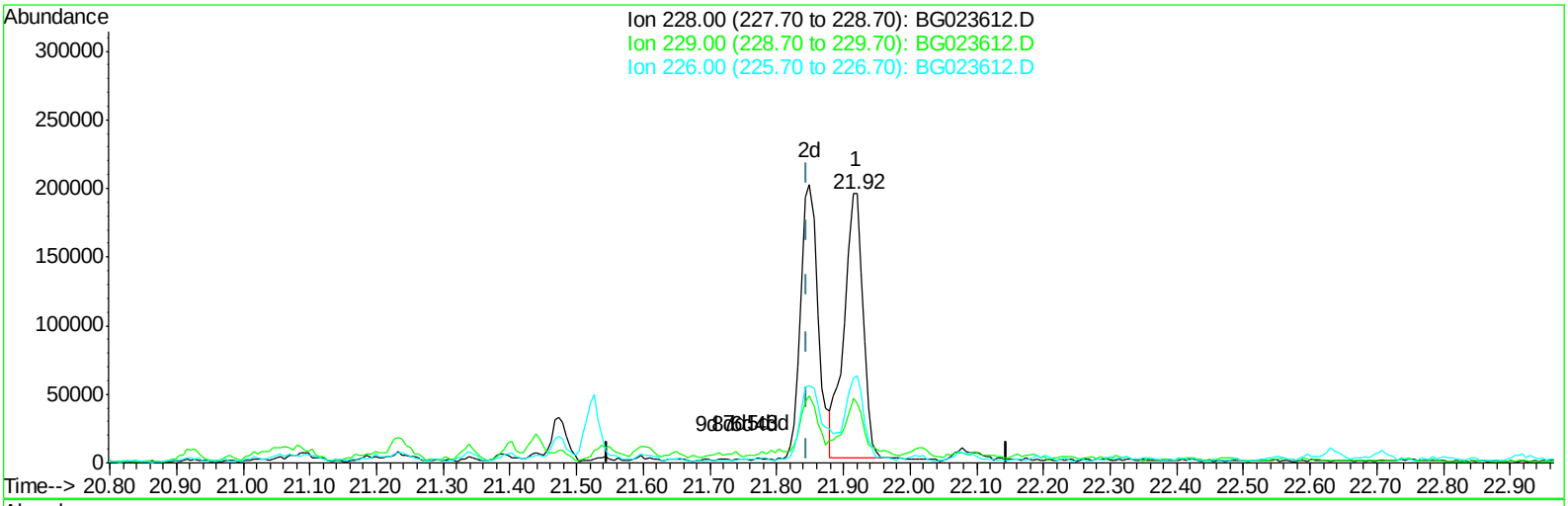

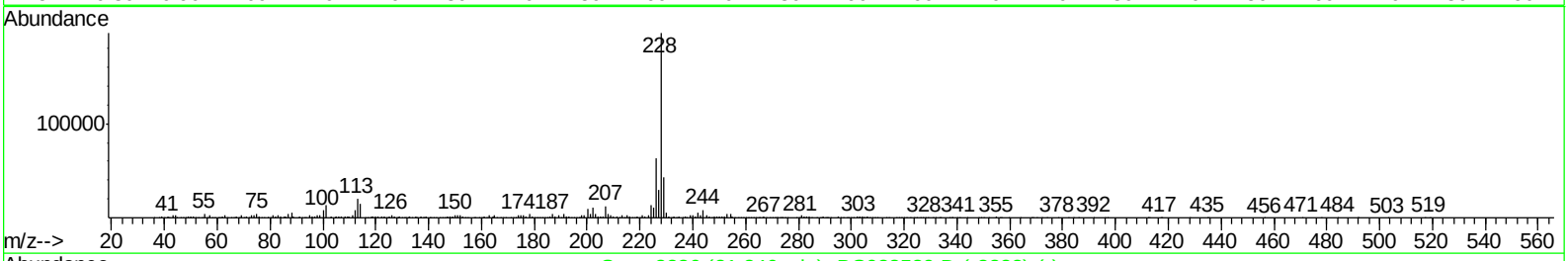

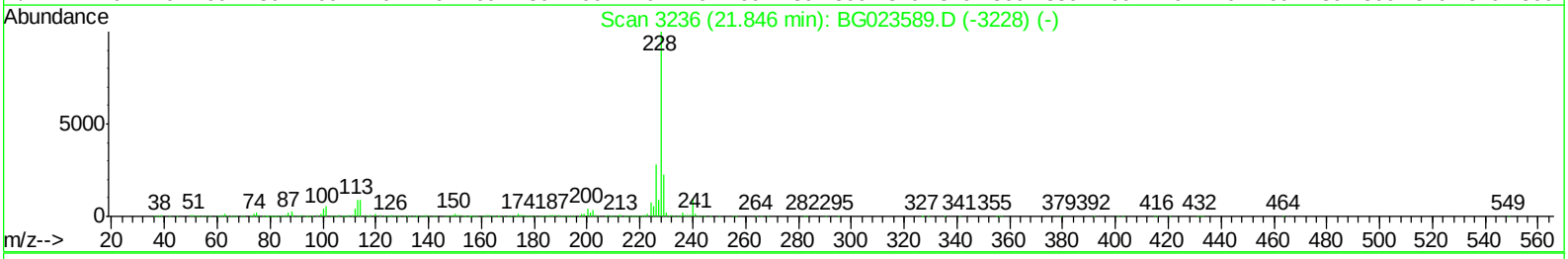

TIC: BG023612.D

(80) Benzo(a)anthracene

21.920min (+0.074) 5.54ng/ul

response 374509

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	22.30
226.00	28.50	32.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 11 05:54:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Manual Integrations APPROVED
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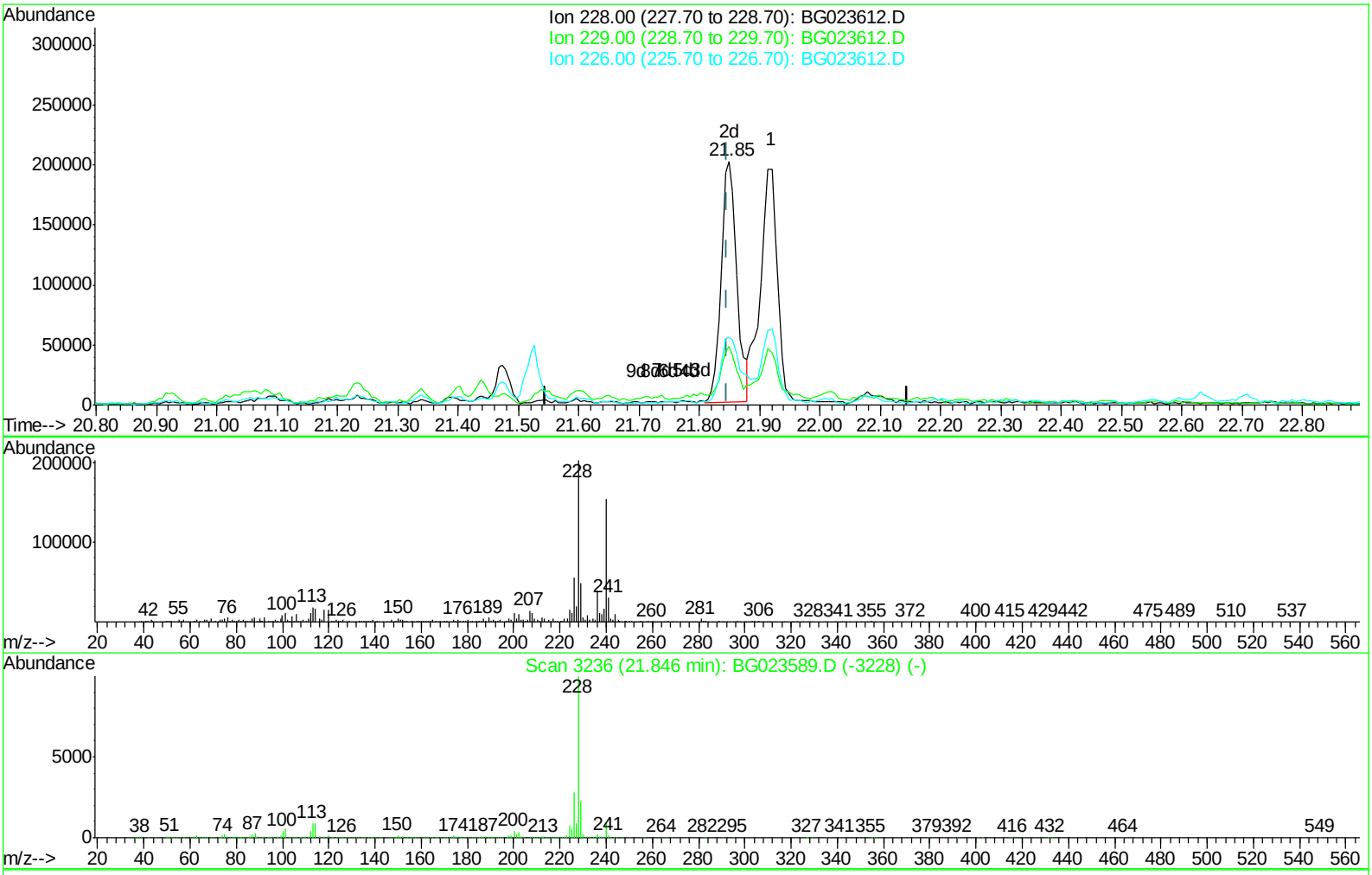

TIC: BG023612.D

(80) Benzo(a)anthracene

21.850min (+0.003) 5.35ng/ul m

response 361809

Ion	Exp%	Act%
228.00	100	100
229.00	19.30	24.19#
226.00	28.50	27.67
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 11 05:54:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Manual Integrations APPROVED
sohil
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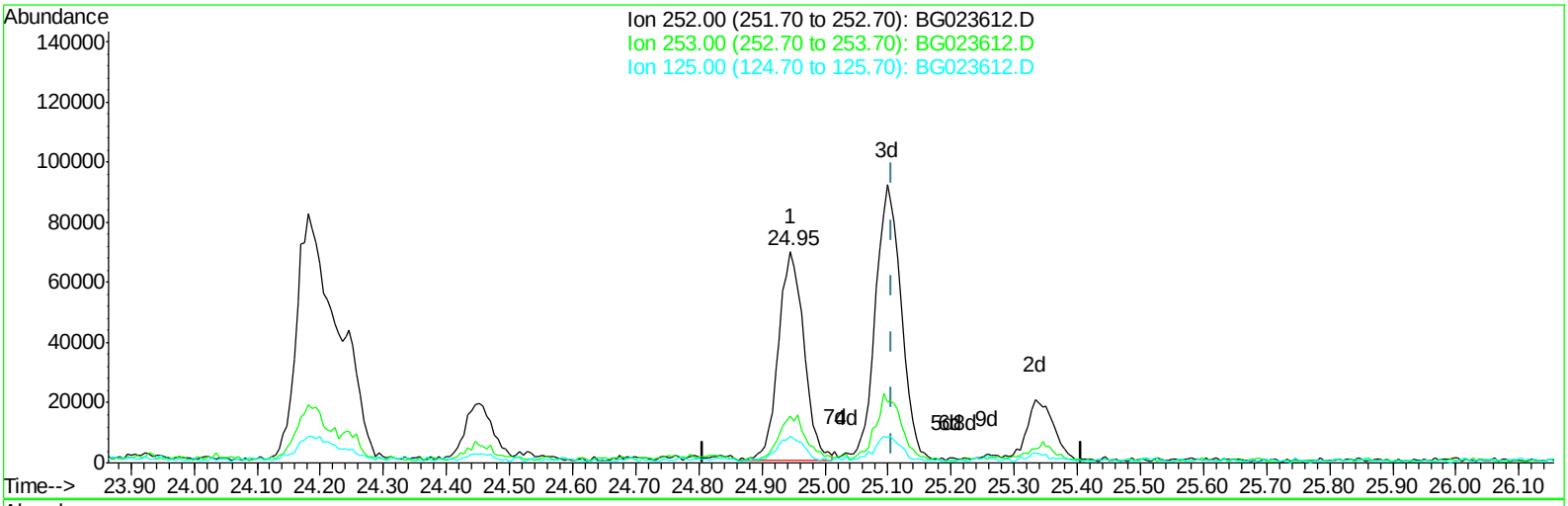
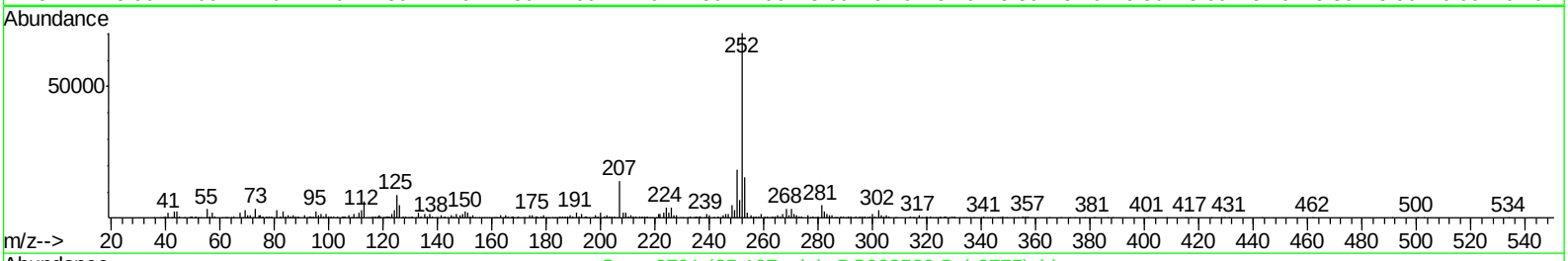
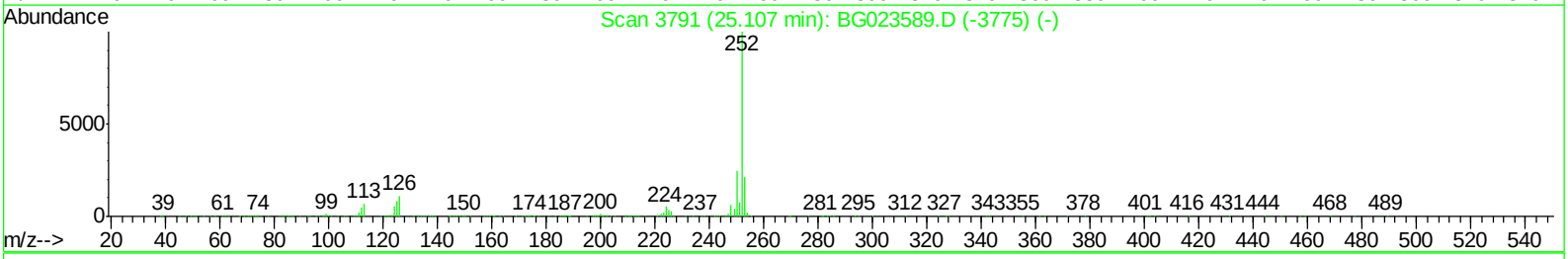






TIC: BG023612.D

(88) Benzo(a)pyrene (C)

24.945min (-0.161) 2.95ng/ul

response 194768

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	22.10
125.00	15.00	12.55
0.00	0.00	0.00

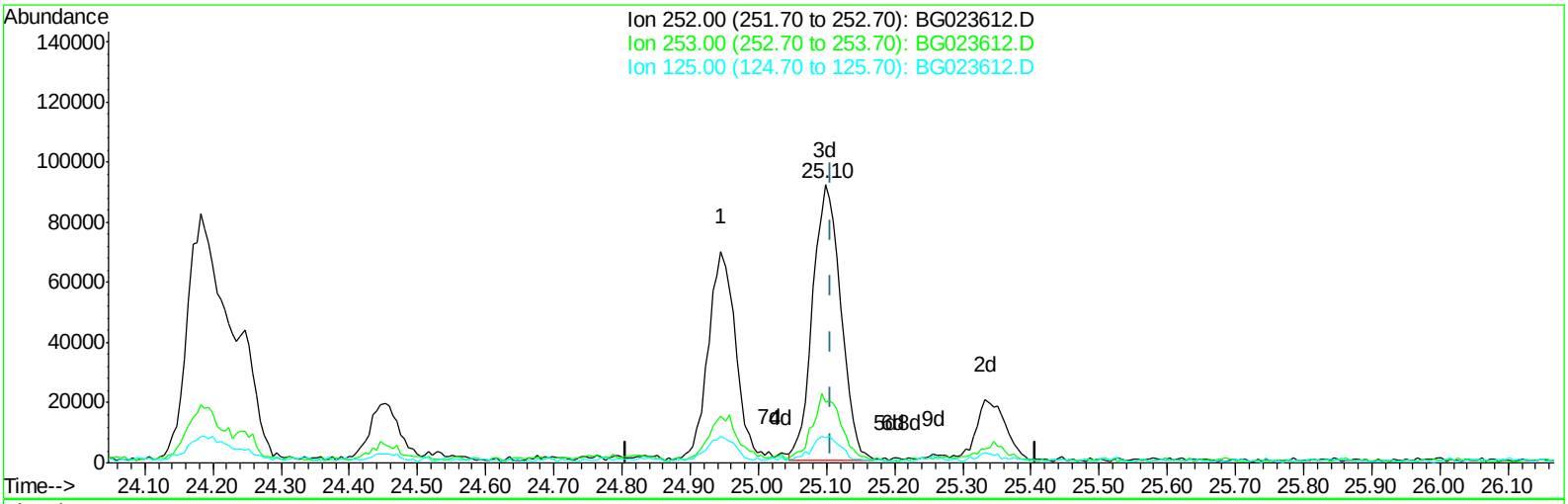
Quantitation Report (Qedit)

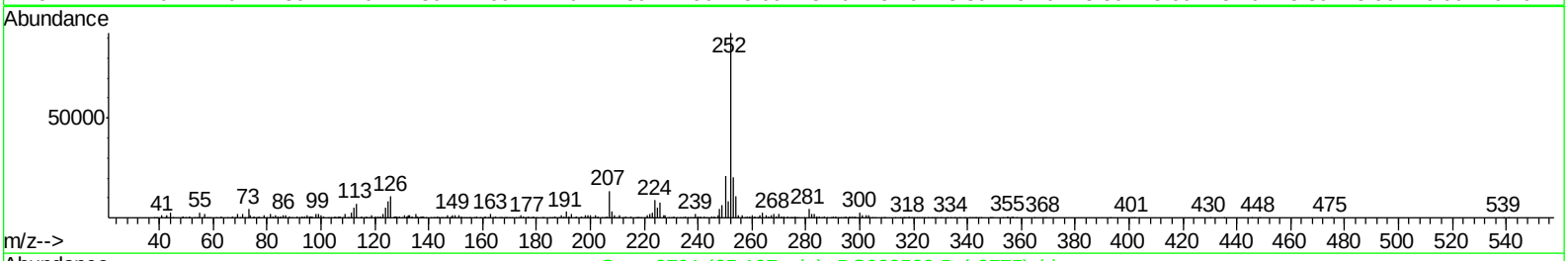
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

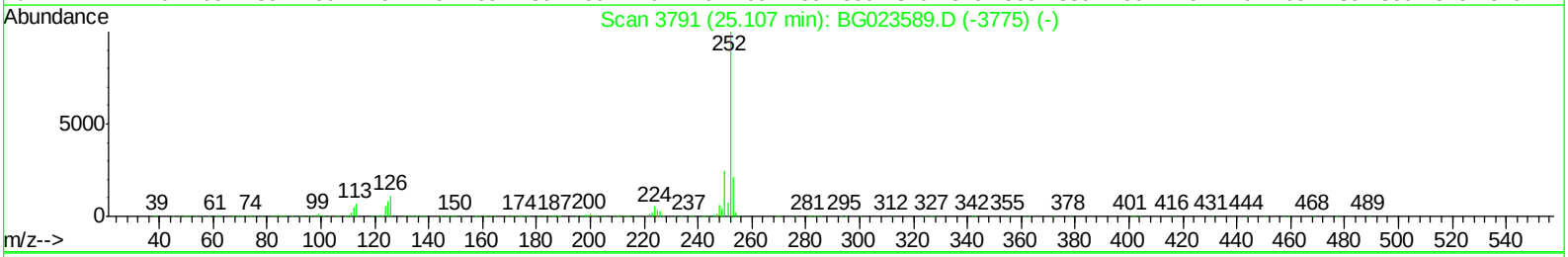
Quant Time: Aug 11 05:54:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Manual Integrations APPROVED
sohil
8/11/2016 6:14:27 PM







TIC: BG023612.D

(88) Benzo(a)pyrene (C)

25.098min (-0.009) 4.00ng/ul m

response 264435

Ion	Exp%	Act%
252.00	100	100
253.00	23.70	21.74
125.00	15.00	9.30#
0.00	0.00	0.00

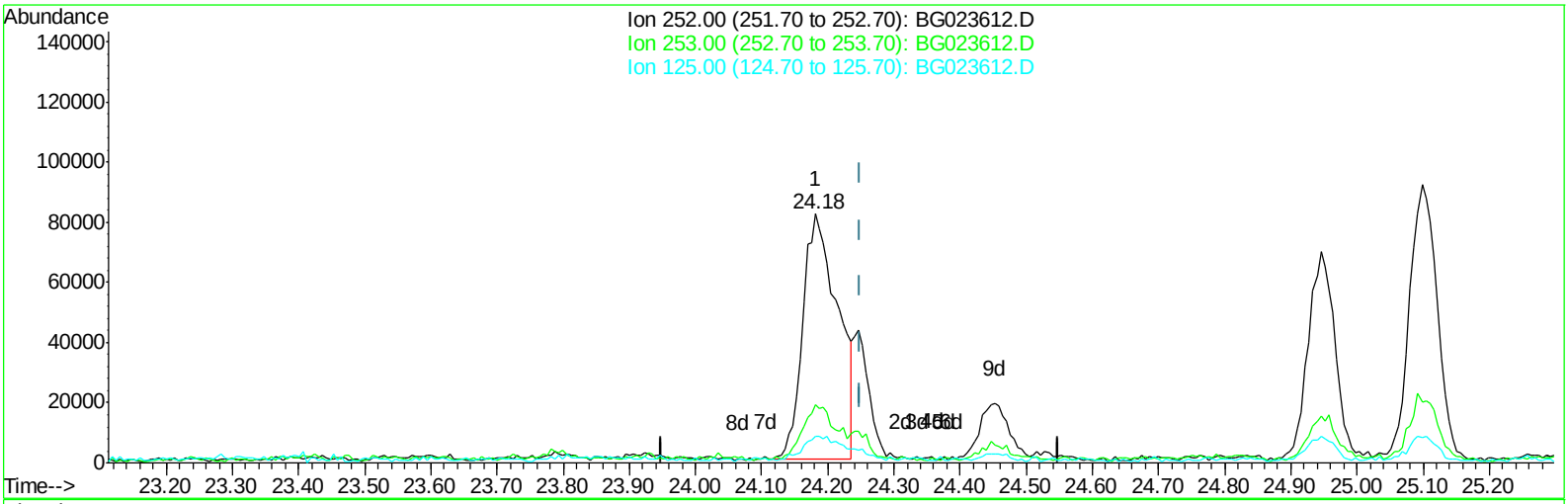
Quantitation Report (Qedit)

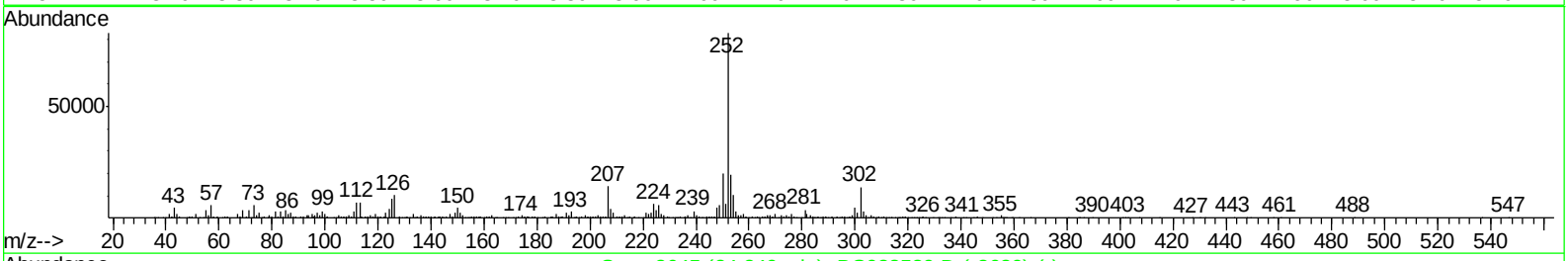
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

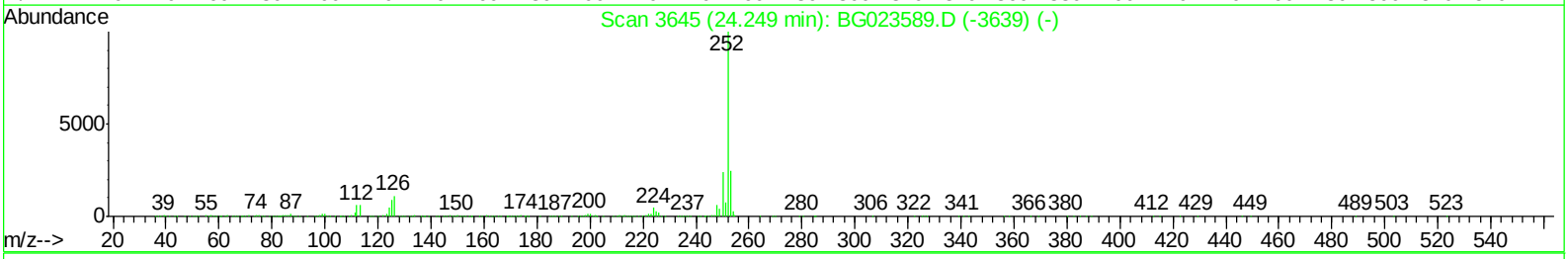
Quant Time: Aug 11 05:56:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Manual Integrations APPROVED
sohil
8/11/2016 6:14:27 PM







TIC: BG023612.D

(86) Benzo(k)fluoranthene

24.182min (-0.067) 4.46ng/ul

response 300793

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	23.57
125.00	13.30	10.66
0.00	0.00	0.00

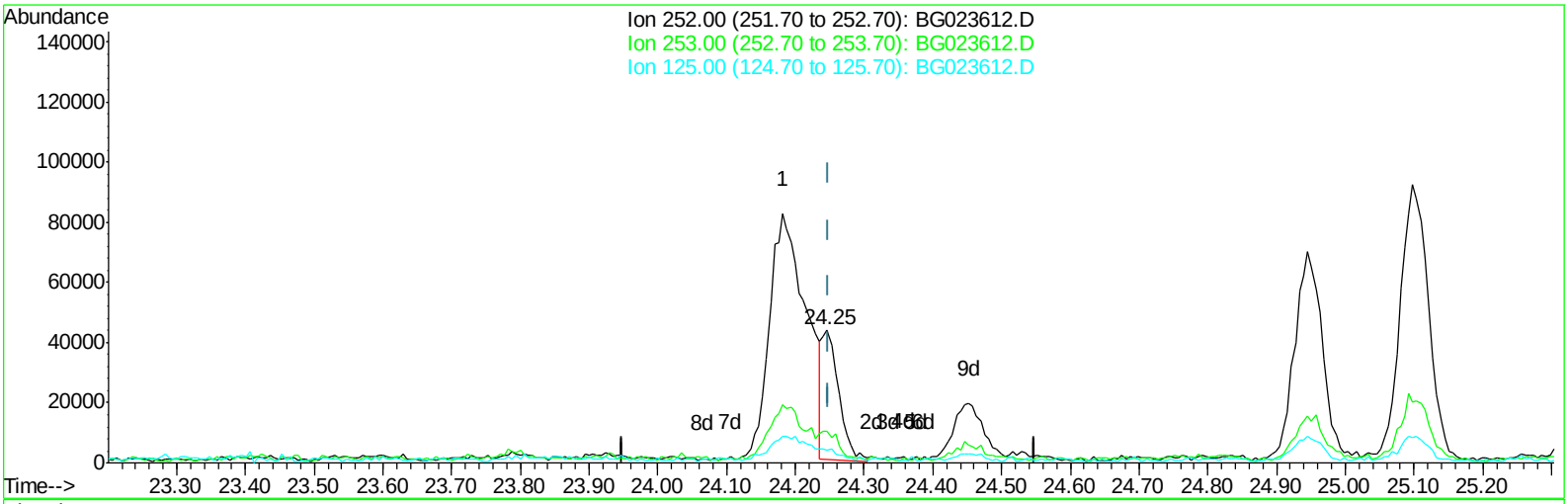
Quantitation Report (Qedit)

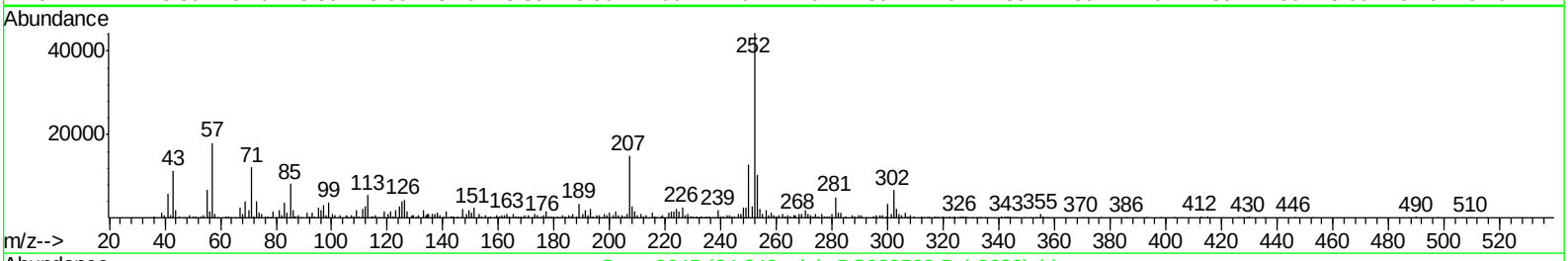
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

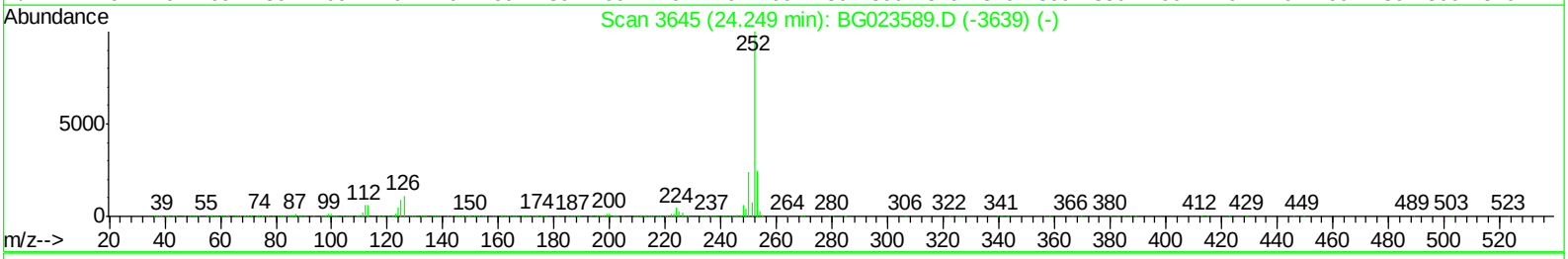
Quant Time: Aug 11 05:56:57 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Manual Integrations APPROVED
sohil
8/11/2016 6:14:27 PM







TIC: BG023612.D

(86) Benzo(k)fluoranthene

24.246min (-0.003) 1.07ng/ul m

response 72419

Ion	Exp%	Act%
252.00	100	100
253.00	19.70	23.60
125.00	13.30	9.25#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Manual Integrations APPROVED
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8/11/2016 6:14:27 PM

Quant Time: Aug 11 05:57:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	156044	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	707112	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	525216	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1227300	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1200724	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1203119	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	10726	2.92	ng/uL	0.00
5) Phenol-d5	7.26	99	277117	17.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	198110m	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	202051	18.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	228463	18.62	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	111713m	20.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	120310	18.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	223186	18.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	290515	20.51	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	853308	19.84	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	989373	20.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	118027	16.08	ng/ul	0.00
57) Fluorene-d10	15.78	176	794300	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	134335	17.06	ng/ul	0.00
70) Anthracene-d10	17.65	188	1184325	21.42	ng/ul	0.00
76) Pyrene-d10	19.94	212	1283773	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	1217083	22.35	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	14.22	163	320183	7.52	ng/ul	98
47) Acenaphthylene	14.51	152	55213	1.09	ng/ul#	91
69) Phenanthrene	17.59	178	333348	5.24	ng/ul	97
74) Fluoranthene	19.61	202	524030	8.05	ng/ul#	92
77) Pyrene	19.97	202	877540	11.82	ng/ul#	93
80) Benzo(a)anthracene	21.85	228	361809m	5.35	ng/ul	
82) Chrysene	21.92	228	374509	6.09	ng/ul	95
85) Benzo(b)fluoranthene	24.18	252	300793	4.40	ng/ul#	96
86) Benzo(k)fluoranthene	24.25	252	72419m	1.07	ng/ul	
88) Benzo(a)pyrene	25.10	252	264435m	4.00	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.15	276	136972	1.76	ng/ul#	88
91) Benzo(g,h,i)perylene	30.37	276	165524	2.57	ng/ul#	83

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023612.D
Acq On : 11 Aug 2016 3:52
Operator : UM/SJ
Sample : H4384-15
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 11 05:57:41 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P001-SS003-1218-01

Manual Integrations APPROVED
sohil
8/11/2016 6:14:27 PM