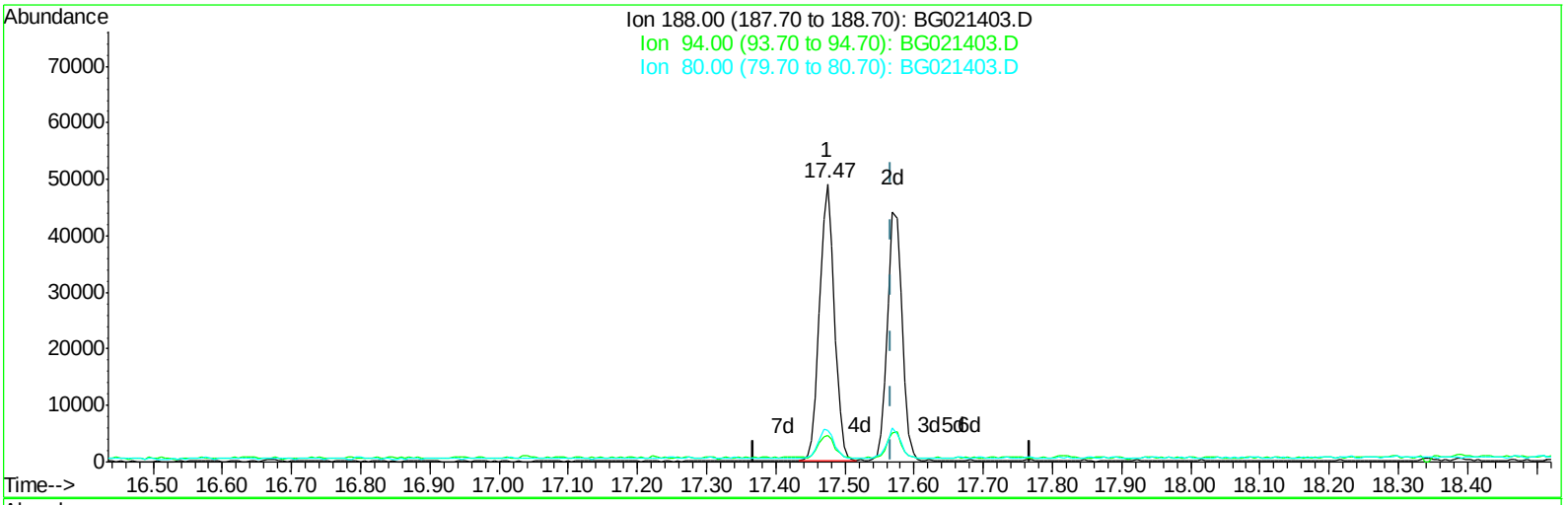
Quantitation Report (Qedit)

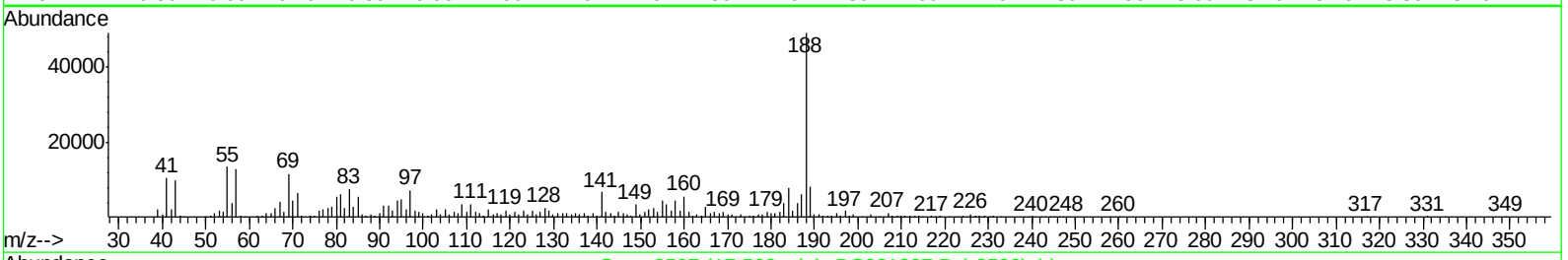
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021403.D
Acq On : 10 Mar 2016 11:38
Operator : UM/SJ
Sample : H1616-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

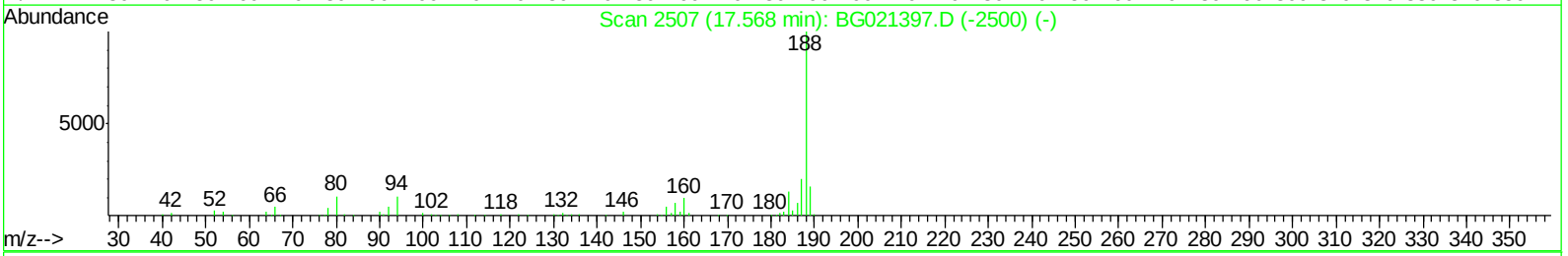
Quant Time: Mar 10 15:14:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:52:32 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01MS

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:25 PM







TIC: BG021403.D

(71) Anthracene-d10 (S)

17.475min (-0.093) 20.01ng/ul

response 72279

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	9.47
80.00	10.80	11.19
0.00	0.00	0.00

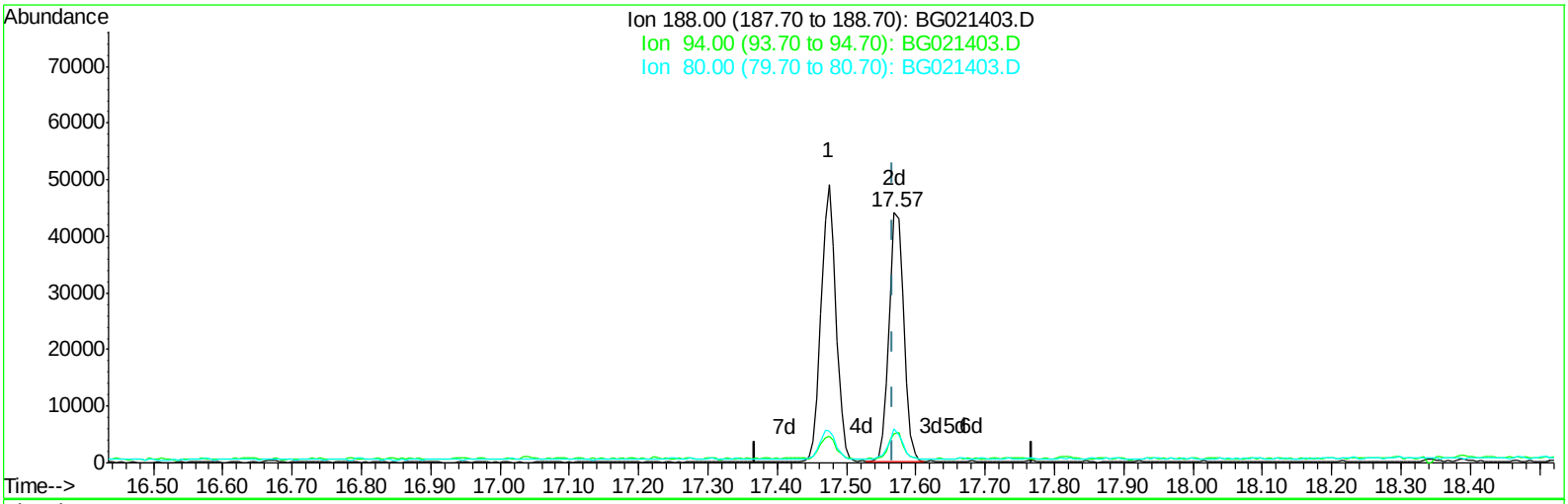
Quantitation Report (Qedit)

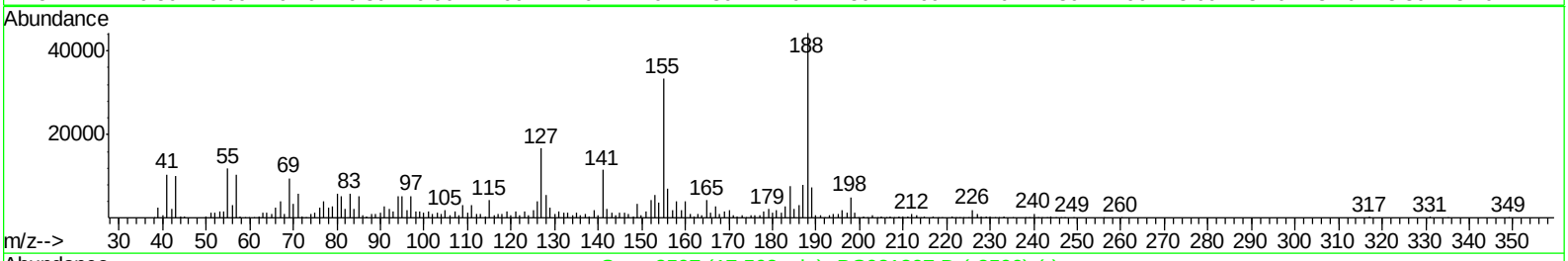
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021403.D
Acq On : 10 Mar 2016 11:38
Operator : UM/SJ
Sample : H1616-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

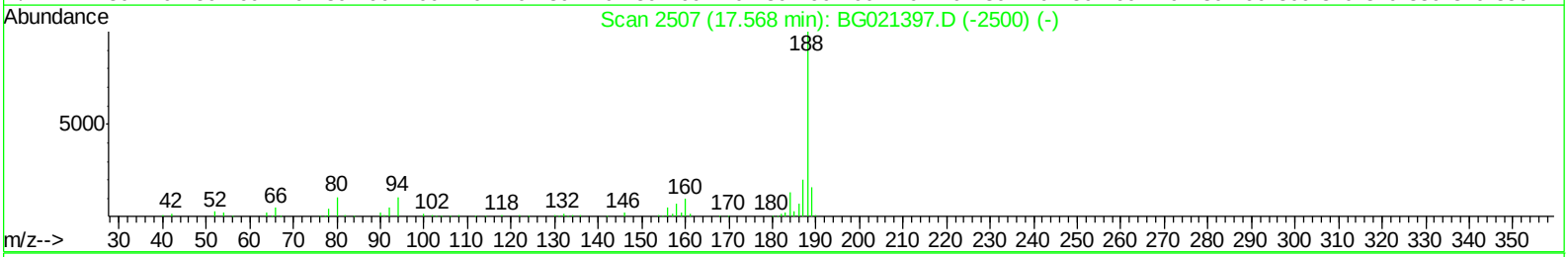
Quant Time: Mar 10 15:14:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:52:32 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01MS

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:25 PM







TIC: BG021403.D

(71) Anthracene-d10 (S)

17.569min (+0.001) 18.04ng/ul m

response 65181

Ion	Exp%	Act%
188.00	100	100
94.00	10.70	11.72
80.00	10.80	13.41#
0.00	0.00	0.00

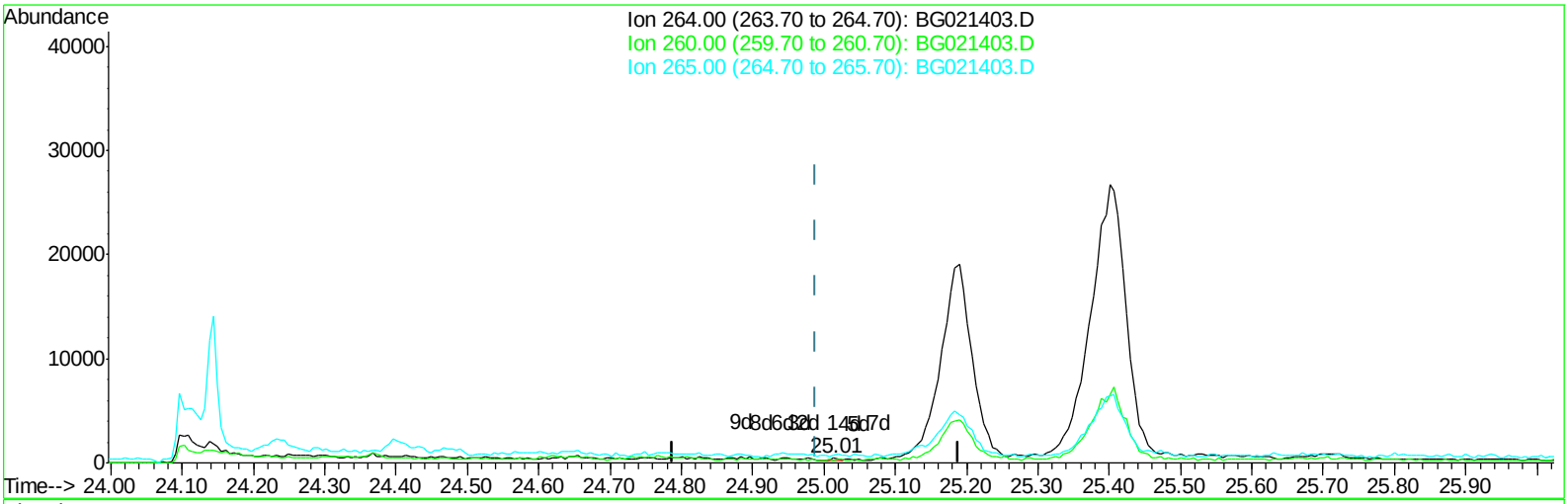
Quantitation Report (Qedit)

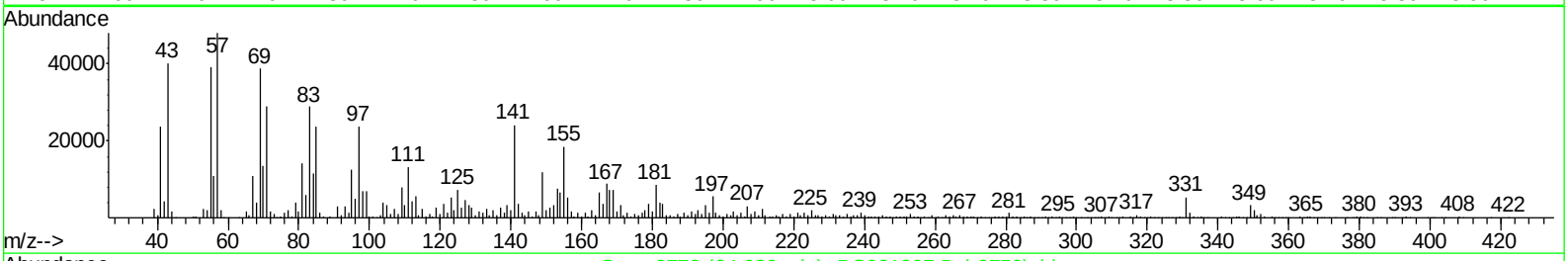
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021403.D
Acq On : 10 Mar 2016 11:38
Operator : UM/SJ
Sample : H1616-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

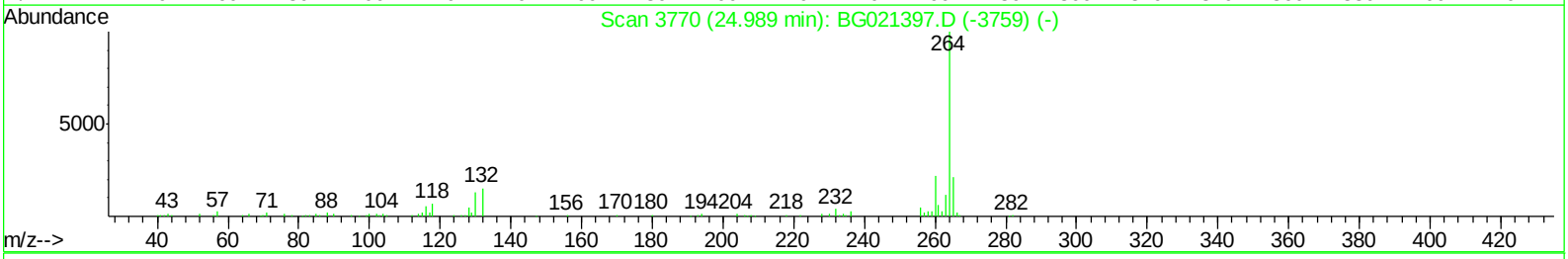
Quant Time: Mar 10 15:14:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:52:32 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01MS

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:25 PM







TIC: BG021403.D

(86) Perylene-d12 (I)

25.013min (+0.024) 20.00ng/ul

response 103

Ion	Exp%	Act%
264.00	100	100
260.00	22.10	69.95#
265.00	21.10	170.87#
0.00	0.00	0.00

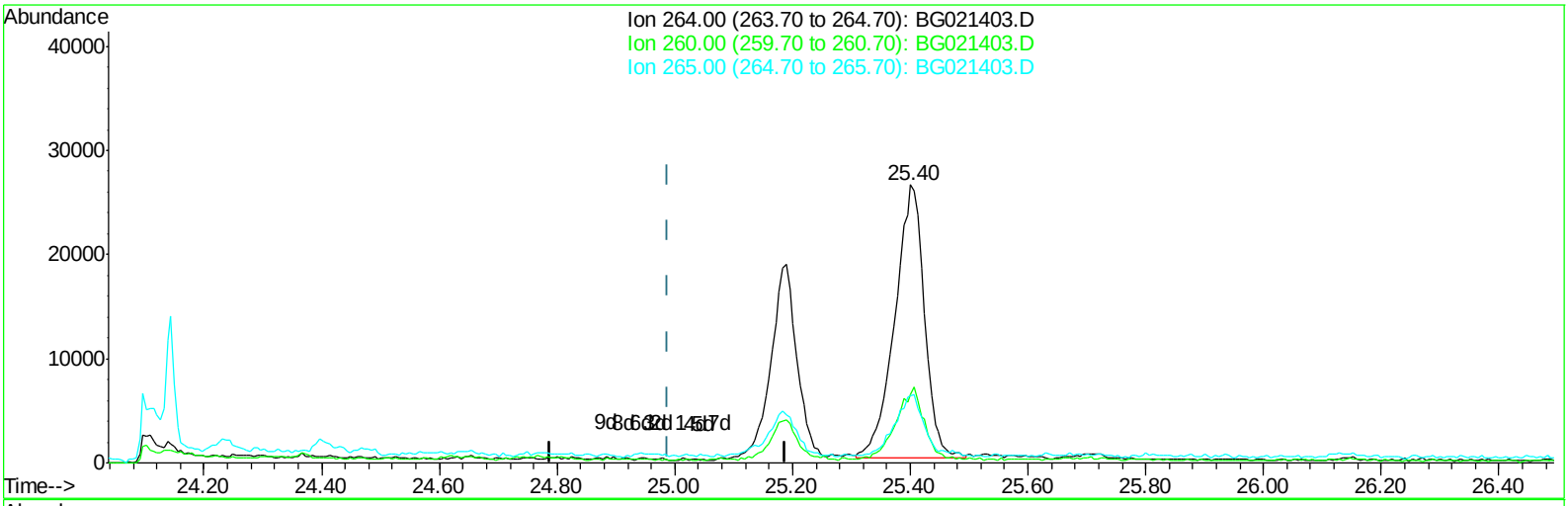
Quantitation Report (Qedit)

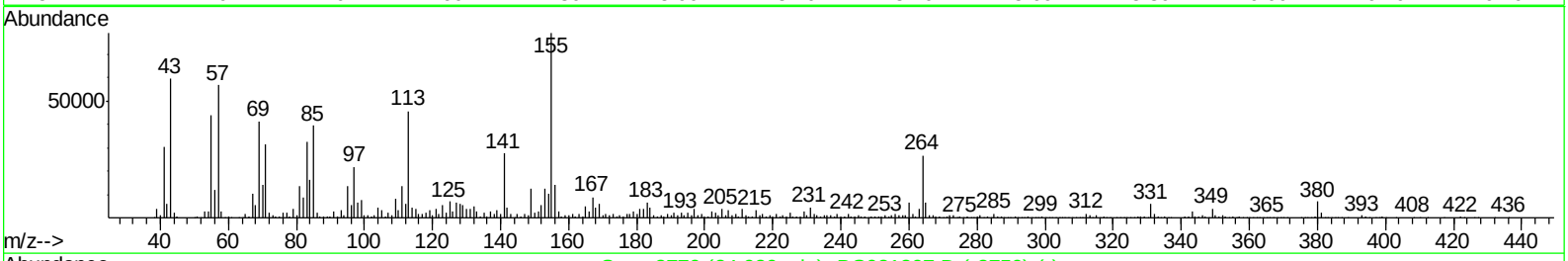
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021403.D
Acq On : 10 Mar 2016 11:38
Operator : UM/SJ
Sample : H1616-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

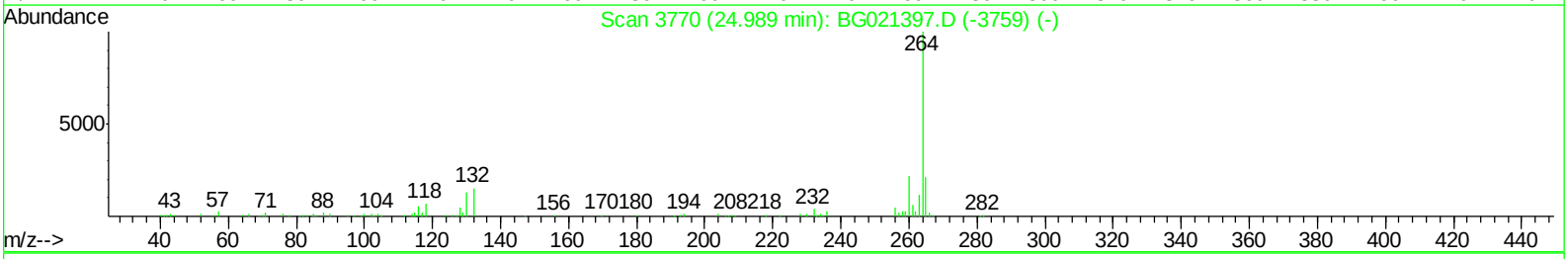
Quant Time: Mar 10 15:14:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:52:32 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01MS

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:25 PM







TIC: BG021403.D

(86) Perylene-d12 (I)

25.401min (+0.412) 20.00ng/ul m

response 91897

Ion	Exp%	Act%
264.00	100	100
260.00	22.10	24.76
265.00	21.10	23.98
0.00	0.00	0.00

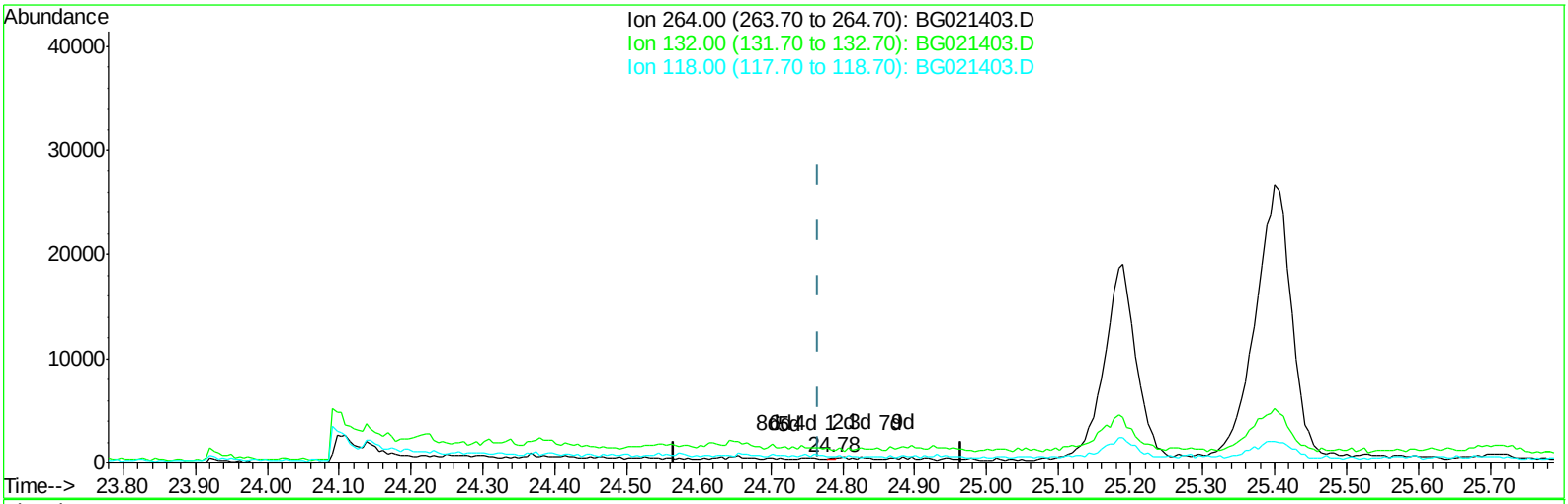
Quantitation Report (Qedit)

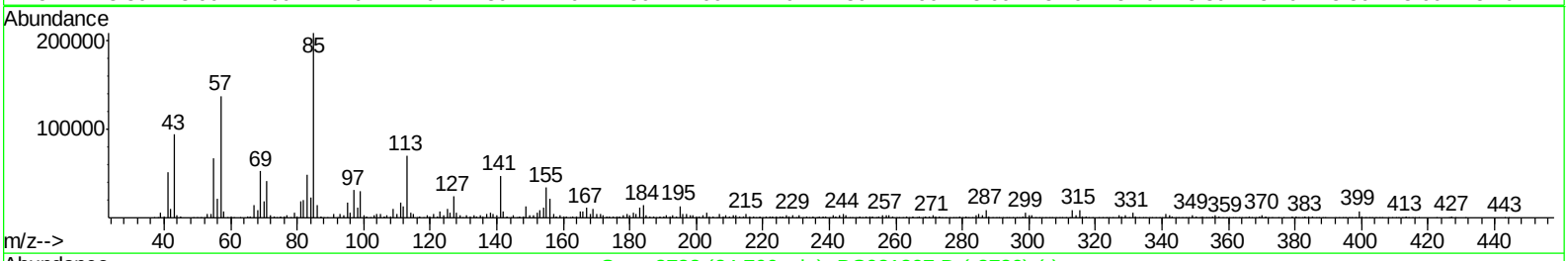
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021403.D
Acq On : 10 Mar 2016 11:38
Operator : UM/SJ
Sample : H1616-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

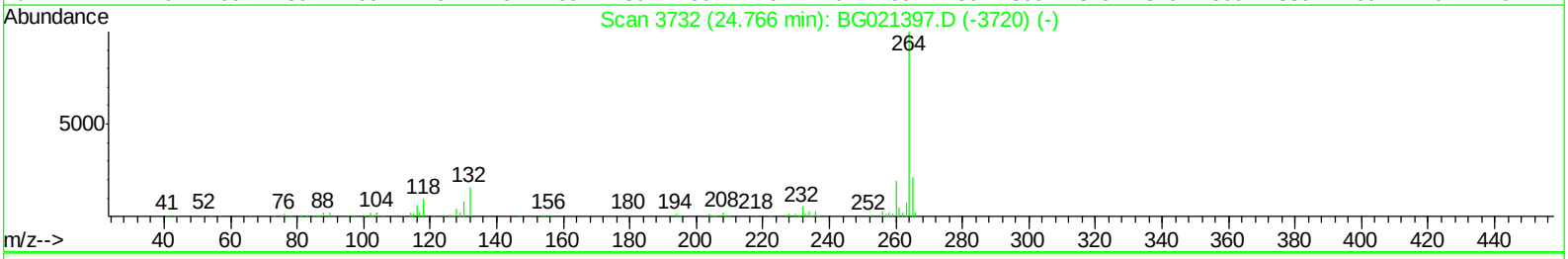
Quant Time: Mar 10 15:18:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:52:32 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01MS

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:25 PM







TIC: BG021403.D

(90) Benzo(a)pyrene-d12 (S)

24.784min (+0.018) 0.02ng/ul

response 79

Ion	Exp%	Act%
264.00	100	100
132.00	15.60	234.57#
118.00	9.50	109.38#
0.00	0.00	0.00

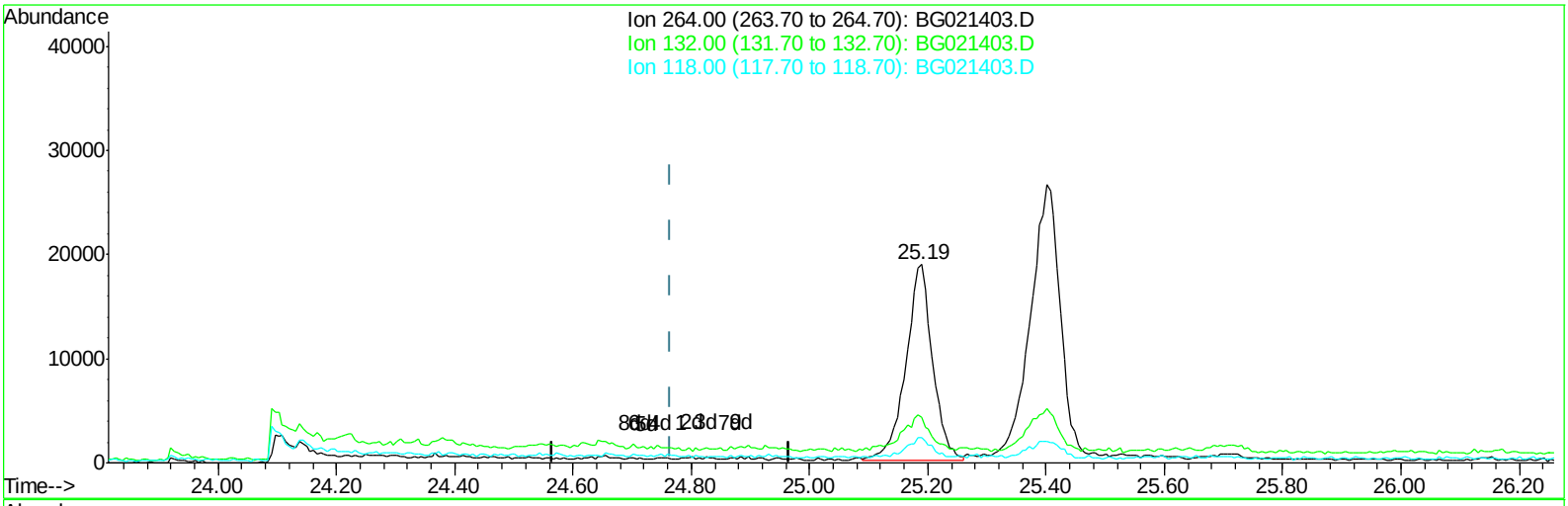
Quantitation Report (Qedit)

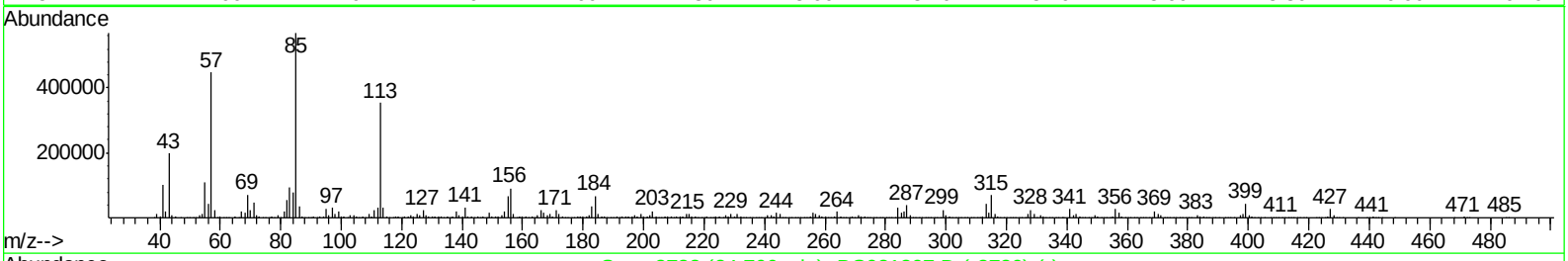
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021403.D
Acq On : 10 Mar 2016 11:38
Operator : UM/SJ
Sample : H1616-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

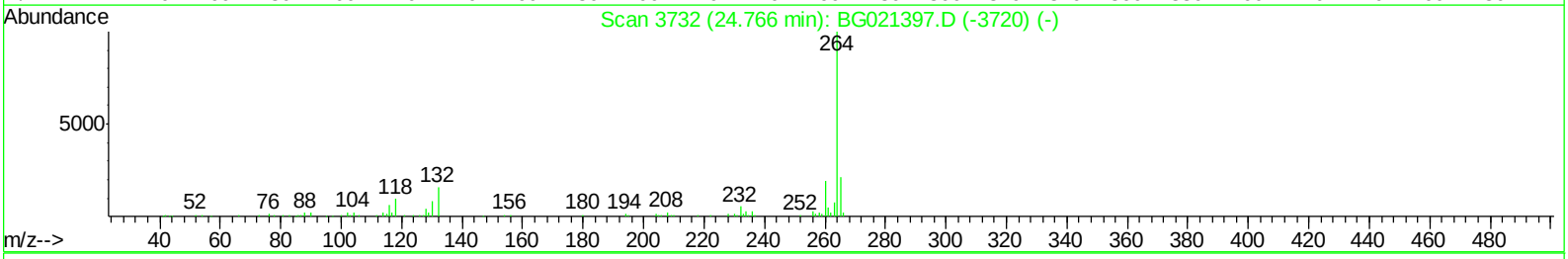
Quant Time: Mar 10 15:18:21 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:52:32 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01MS

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:25 PM







TIC: BG021403.D

(90) Benzo(a)pyrene-d12 (S)

25.189min (+0.424) 11.88ng/ul m

response 58377

Ion	Exp%	Act%
264.00	100	100
132.00	15.60	23.30#
118.00	9.50	12.56#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021403.D
Acq On : 10 Mar 2016 11:38
Operator : UM/SJ
Sample : H1616-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01MS

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:25 PM

Quant Time: Mar 10 15:19:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:52:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	14940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	61977	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	34389	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	72360	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	77266	20.00	ng/ul	0.00
86) Perylene-d12	25.40	264	91897m	20.00	ng/ul	0.41
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	520	1.63	ng/uL	0.00
5) Phenol-d5	7.28	99	24503	14.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	17118	15.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	18991	16.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	18669	13.66	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	10085	20.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	10841	19.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	17219	17.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	170	0.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	55147	18.53	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	68700	18.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.94	143	6234	11.08	ng/ul	0.02
58) Fluorene-d10	15.72	176	48010	18.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	4391	9.07	ng/ul	0.00
71) Anthracene-d10	17.57	188	65181m	18.04	ng/ul	0.00
79) Pyrene-d10	19.85	212	73001	18.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.19	264	58377m	11.88	ng/ul	0.42
Target Compounds						Qvalue
6) Phenol	7.30	94	23940	13.36	ng/ul#	89
10) 2-Chlorophenol	7.69	128	17883	14.43	ng/ul	98
14) Acetophenone	8.95	105	11662	5.16	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.92	70	18564	12.79	ng/ul	96
28) Naphthalene	10.99	128	453388	130.46	ng/ul	98
33) 4-Chloro-3-methylphenol	12.19	107	19953	13.43	ng/ul	97
34) 2-Methylnaphthalene	12.57	142	4382	1.70	ng/ul	91
45) Dimethylphthalate	14.18	163	20433	6.43	ng/ul#	98
50) Acenaphthene	14.80	153	45659	17.68	ng/ul	95
53) 4-Nitrophenol	14.95	109	7668	11.22	ng/ul#	84
55) 2,4-Dinitrotoluene	15.09	165	18540	18.54	ng/ul#	94
69) Pentachlorophenol	17.13	266	4836	9.89	ng/ul	93
70) Phenanthrene	17.52	178	23576	5.48	ng/ul#	89
77) Fluoranthene	19.51	202	21192	4.26	ng/ul#	91
80) Pyrene	19.88	202	115735	22.39	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021403.D
Acq On : 10 Mar 2016 11:38
Operator : UM/SJ
Sample : H1616-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 10 15:19:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 10 10:52:32 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BLDG06-P001-SS001-01MS

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:25 PM