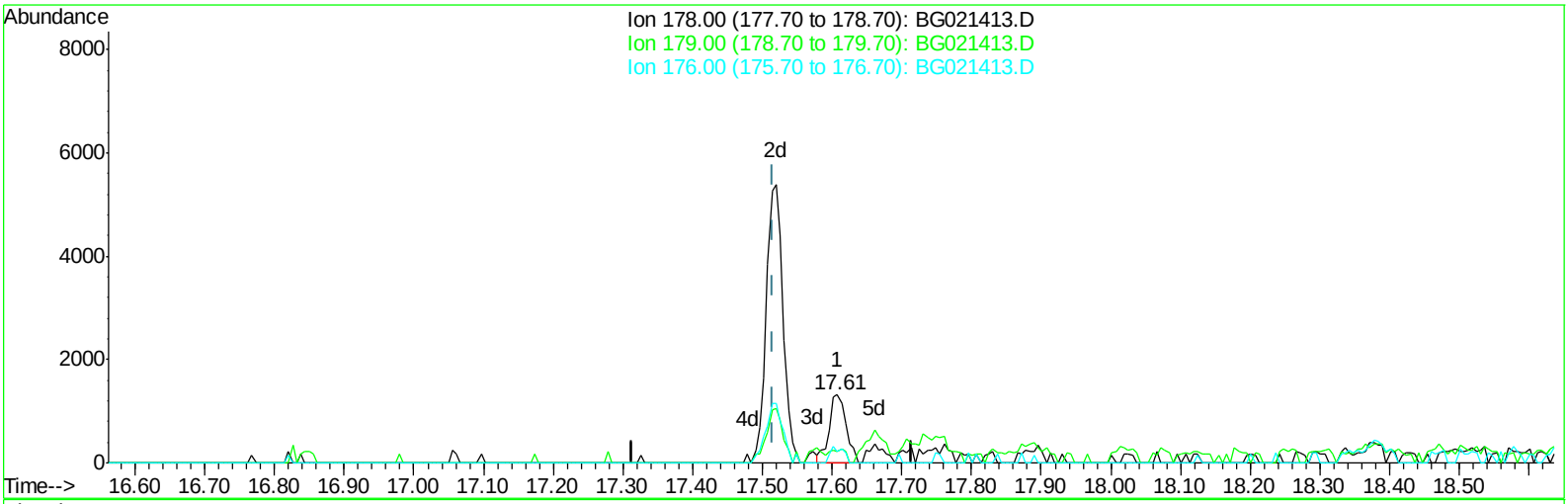
Quantitation Report (Qedit)

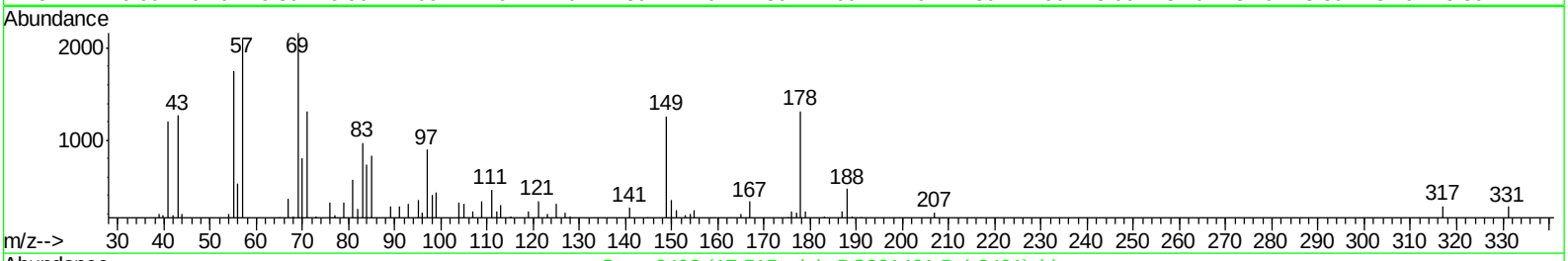
Data Path : Z:\HPCHEM1\BNA G\Data\BG031016\
Data File : BG021413.D
Acq On : 10 Mar 2016 18:15
Operator : UM/SJ
Sample : H1616-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

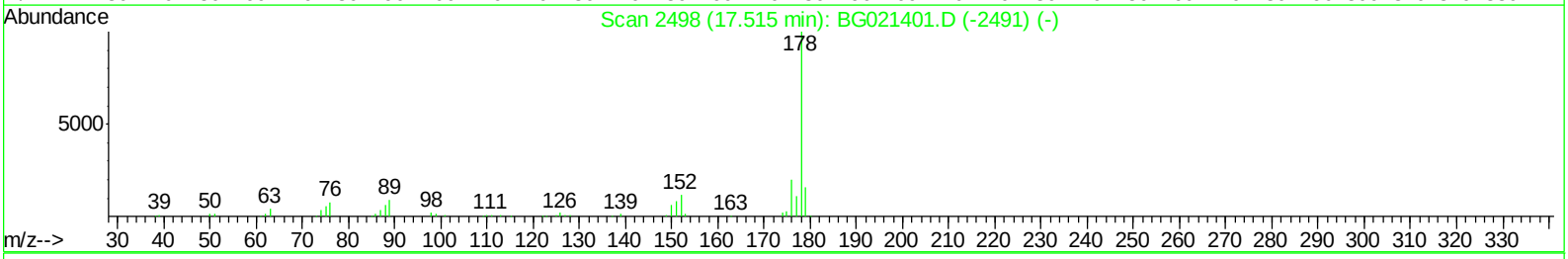
Quant Time: Mar 11 11:27:46 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 00:30:31 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P009-SS004-01

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:49 PM







TIC: BG021413.D

(70) Phenanthrene

17.608min (+0.093) 0.44ng/ul

response 2236

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	17.08
176.00	18.50	17.46
0.00	0.00	0.00

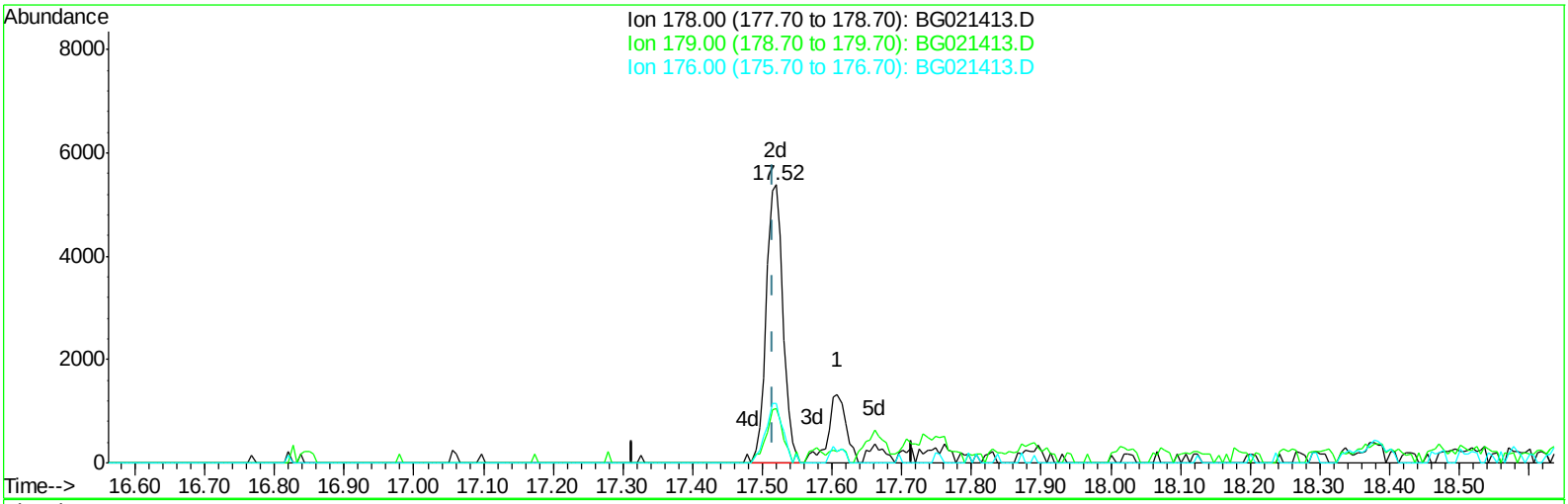
Quantitation Report (Qedit)

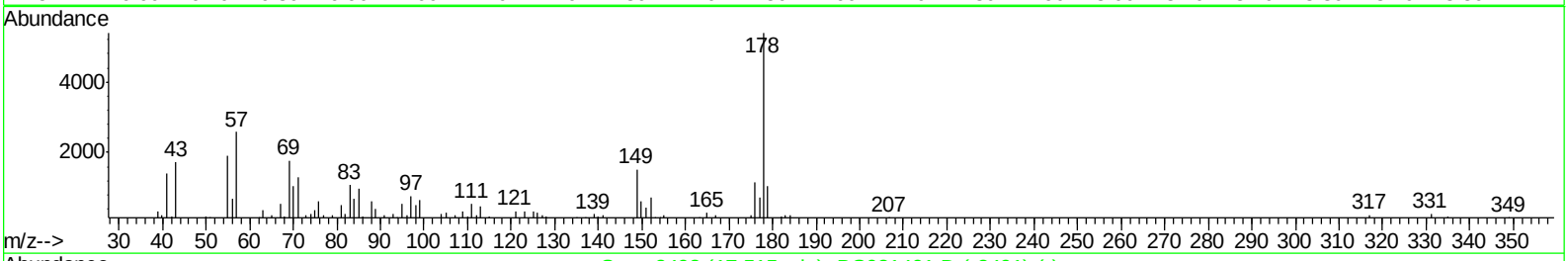
Data Path : Z:\HPCHEM1\BNA G\Data\BG031016\
Data File : BG021413.D
Acq On : 10 Mar 2016 18:15
Operator : UM/SJ
Sample : H1616-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

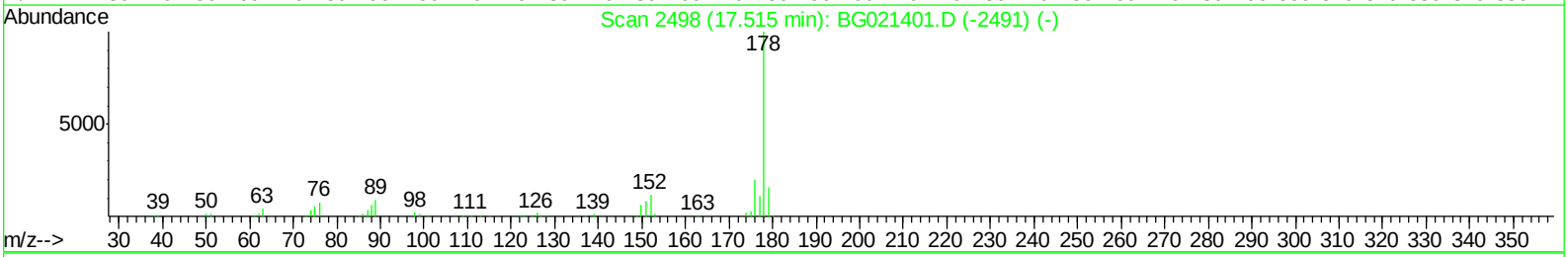
Quant Time: Mar 11 11:27:46 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 00:30:31 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P009-SS004-01

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:49 PM







TIC: BG021413.D

(70) Phenanthrene

17.520min (+0.005) 1.75ng/ul m

response 8956

Ion	Exp%	Act%
178.00	100	100
179.00	14.80	19.65#
176.00	18.50	21.21
0.00	0.00	0.00

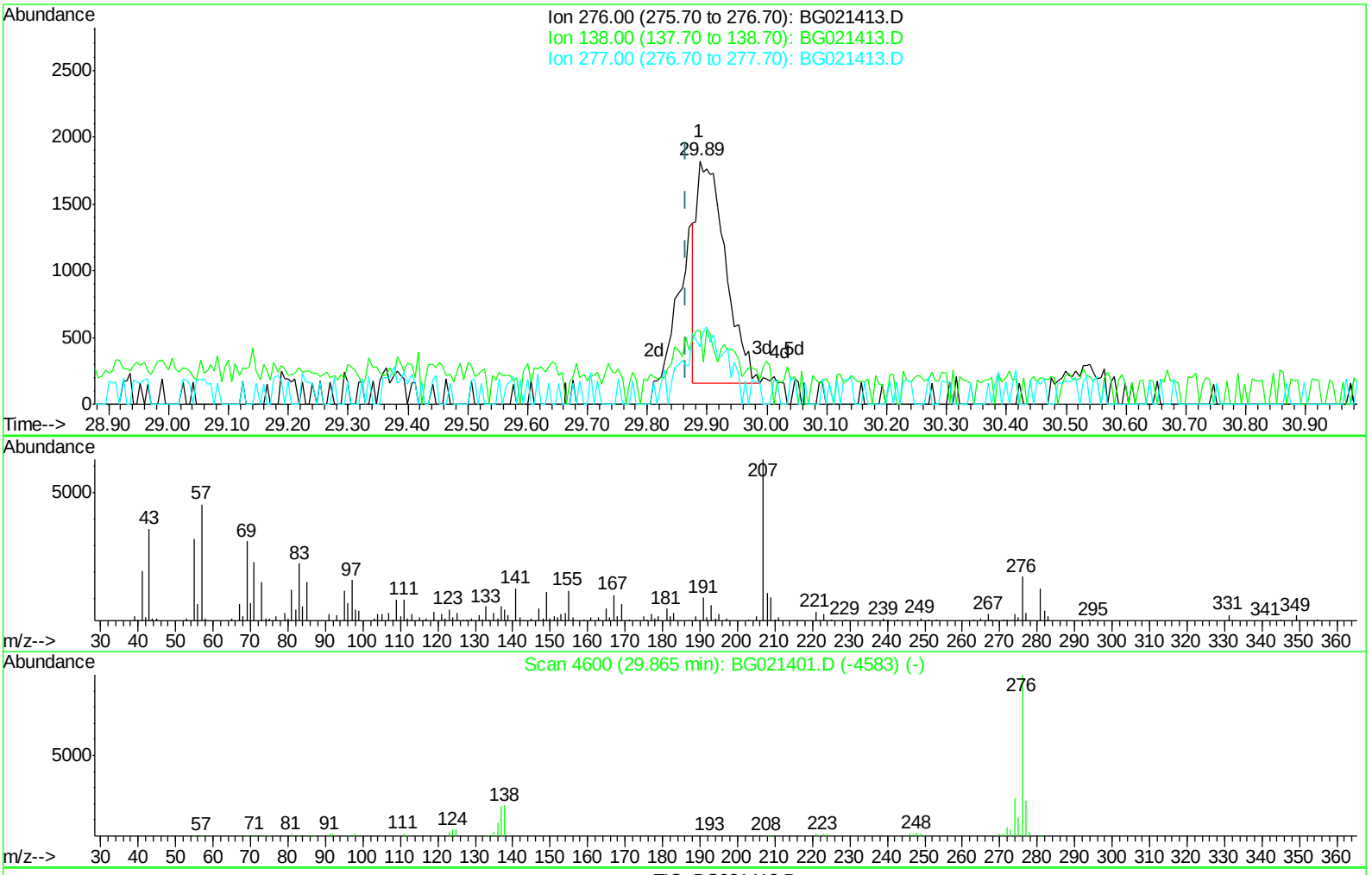
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA G\Data\BG031016\
Data File : BG021413.D
Acq On : 10 Mar 2016 18:15
Operator : UM/SJ
Sample : H1616-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 11 11:27:46 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 00:30:31 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P009-SS004-01

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:49 PM



TIC: BG021413.D

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

29.887min (+0.022) 0.97ng/ul

response 5560

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	30.46#
277.00	24.70	23.47
0.00	0.00	0.00

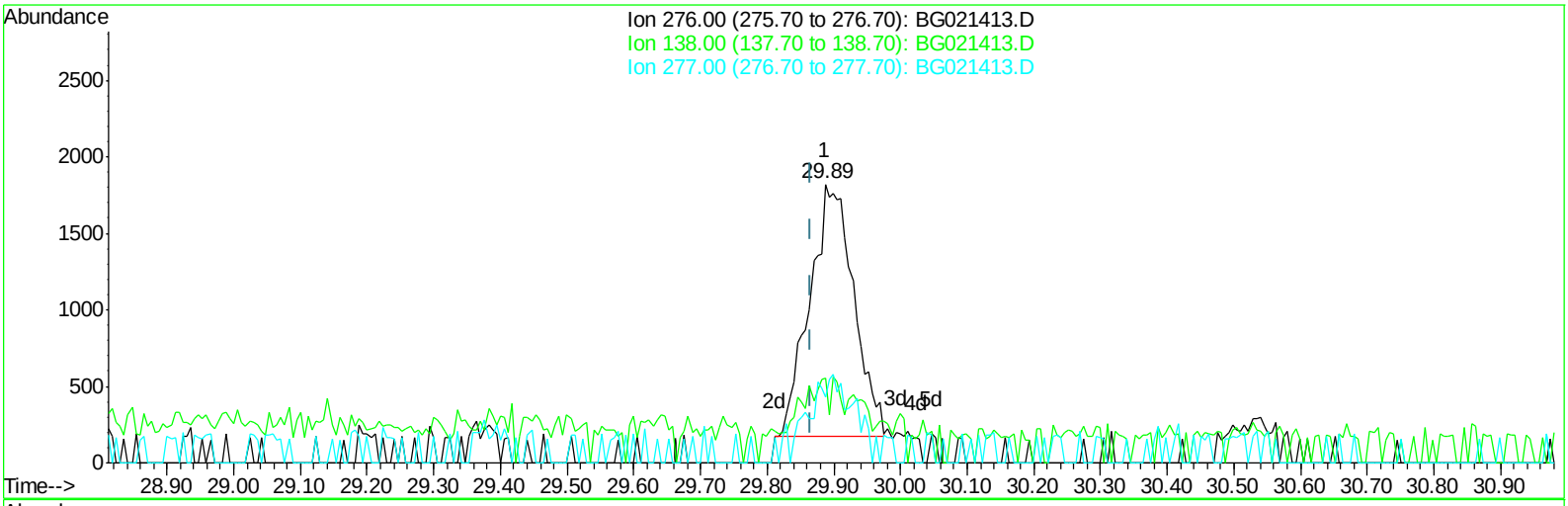
Quantitation Report (Qedit)

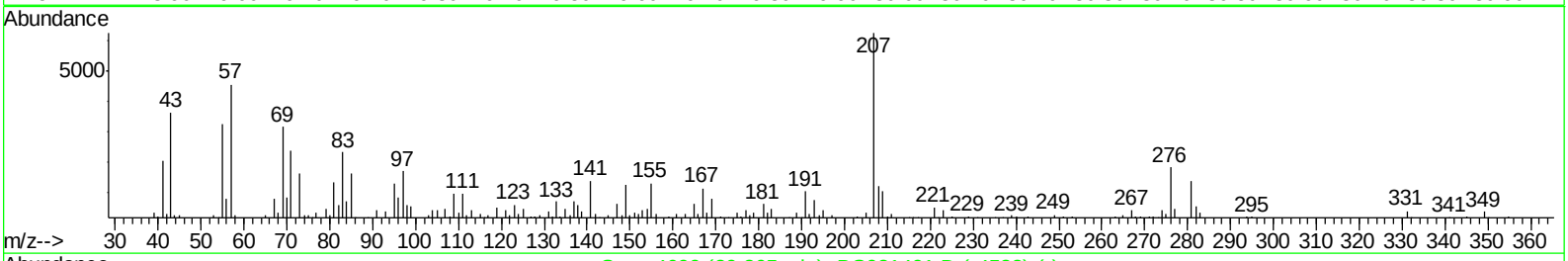
Data Path : Z:\HPCHEM1\BNA G\Data\BG031016\
Data File : BG021413.D
Acq On : 10 Mar 2016 18:15
Operator : UM/SJ
Sample : H1616-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

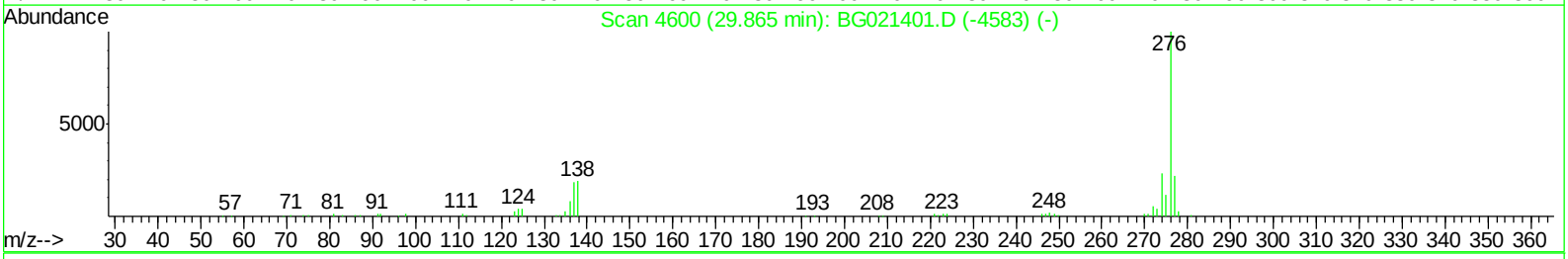
Quant Time: Mar 11 11:27:46 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 00:30:31 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P009-SS004-01

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:49 PM







TIC: BG021413.D

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

29.887min (+0.022) 1.32ng/ul m

response 7522

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	30.46#
277.00	24.70	23.47
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG031016\
Data File : BG021413.D
Acq On : 10 Mar 2016 18:15
Operator : UM/SJ
Sample : H1616-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P009-SS004-01

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:49 PM

Quant Time: Mar 11 12:13:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 00:30:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	11488	20.00	ng/ul	0.01
18) Naphthalene-d8	10.93	136	65479	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	41735	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	85878	20.00	ng/ul	0.01
78) Chrysene-d12	21.74	240	99353	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	93795	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	863	3.52	ng/uL	0.00
5) Phenol-d5	7.31	99	30129	23.17	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.44	67	20135	24.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	21607	24.34	ng/ul	0.02
13) 4-Methylphenol-d8	8.85	113	21122	20.09	ng/ul	0.03
19) Nitrobenzene-d5	9.29	128	12169	23.07	ng/ul	0.01
22) 2-Nitrophenol-d4	10.01	143	13618	23.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	24310	23.09	ng/ul	0.03
29) 4-Chloroaniline-d4	11.07	131	19292	13.97	ng/ul	0.02
44) Dimethylphthalate-d6	14.14	166	85327	23.62	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	108732	24.70	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	10544	15.44	ng/ul	0.08
58) Fluorene-d10	15.72	176	74958	23.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	11714	20.39	ng/ul	0.01
71) Anthracene-d10	17.57	188	104309	24.33	ng/ul	0.00
79) Pyrene-d10	19.85	212	116832	23.05	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.79	264	123997	24.72	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.99	128	7360	2.00	ng/ul	97
34) 2-Methylnaphthalene	12.58	142	2936	1.08	ng/ul	91
45) Dimethylphthalate	14.18	163	30605	7.93	ng/ul	98
70) Phenanthrene	17.52	178	8956m	1.75	ng/ul	
77) Fluoranthene	19.52	202	12865	2.18	ng/ul#	94
80) Pyrene	19.88	202	16656	2.51	ng/ul	98
83) Benzo(a)anthracene	21.72	228	8889	1.37	ng/ul#	91
85) Chrysene	21.79	228	10265	1.71	ng/ul#	95
88) Benzo(b)fluoranthene	23.96	252	12918	2.01	ng/ul#	14
91) Benzo(a)pyrene	24.85	252	9540	1.51	ng/ul#	13
94) Benzo(g,h,i)perylene	29.89	276	7522m	1.32	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG031016\
Data File : BG021413.D
Acq On : 10 Mar 2016 18:15
Operator : UM/SJ
Sample : H1616-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 11 12:13:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 11 00:30:31 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
P009-SS004-01

Manual Integrations APPROVED
Sohil
3/11/2016 5:27:49 PM