

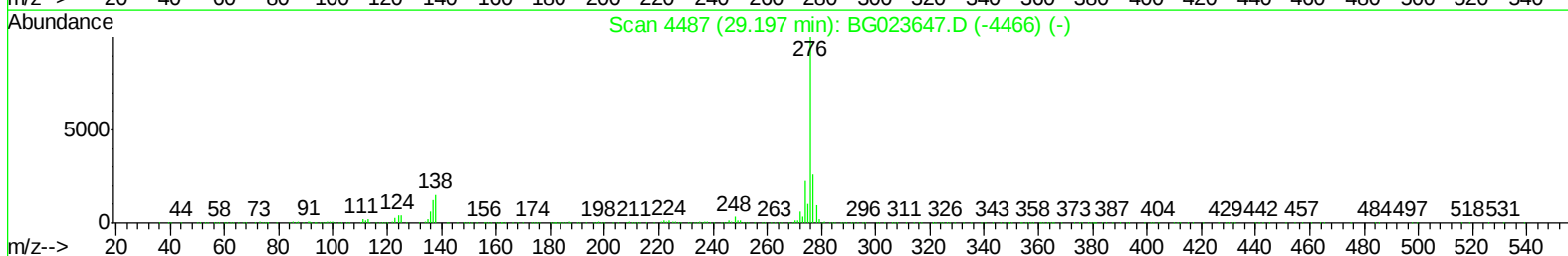
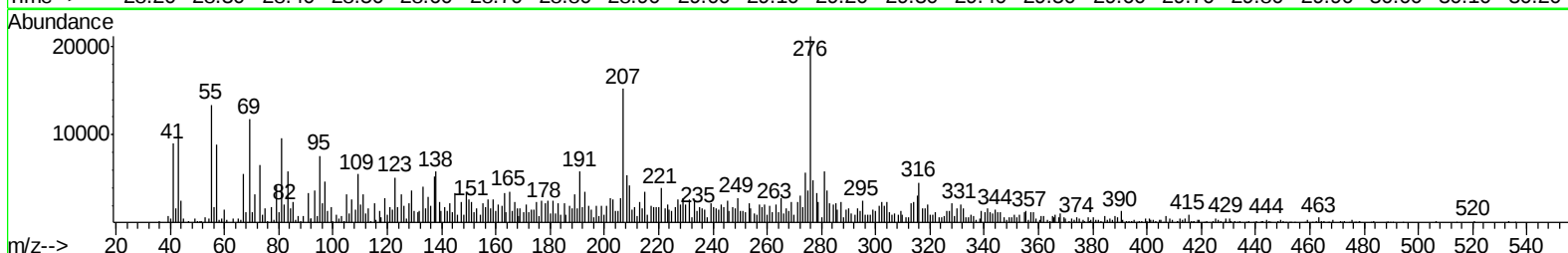
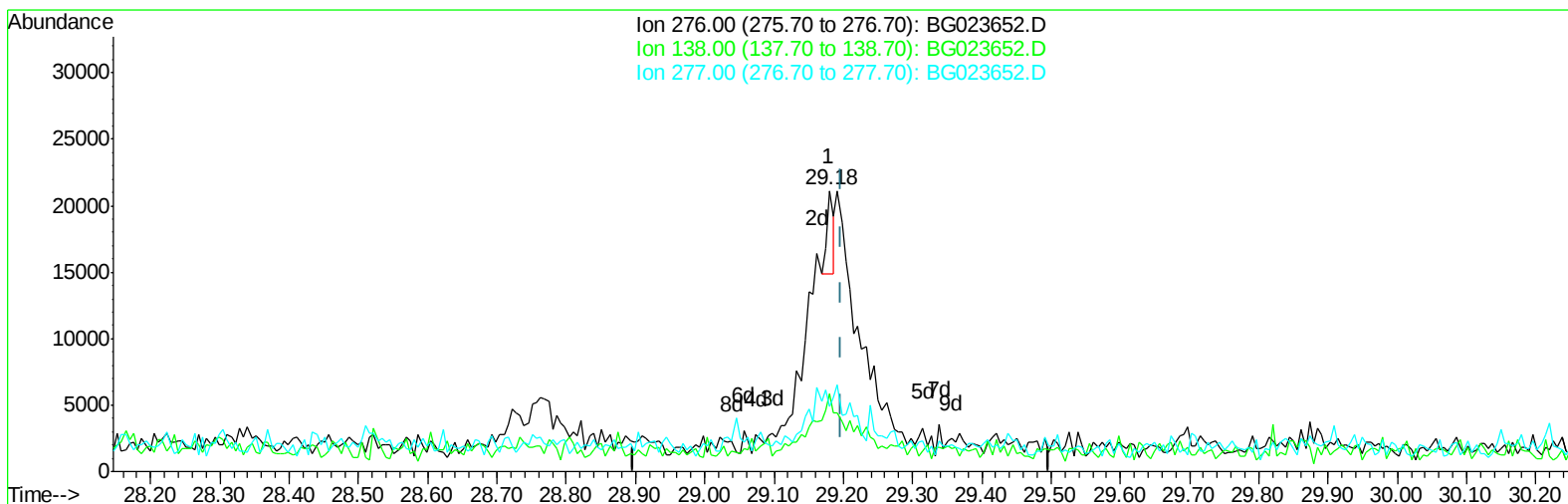
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023652.D
Acq On : 12 Aug 2016 12:25
Operator : UM/SJ
Sample : H4360-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-02

Quant Time: Aug 13 01:32:41 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

Manual Integrations
APPROVED

sohil
8/15/2016 6:48:34 PM



TIC: BG023652.D

(89) Indeno(1,2,3-cd)pyrene

29.180min (-0.017) 0.06ng/ul

response 4378

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	27.76
277.00	22.00	23.02
0.00	0.00	0.00

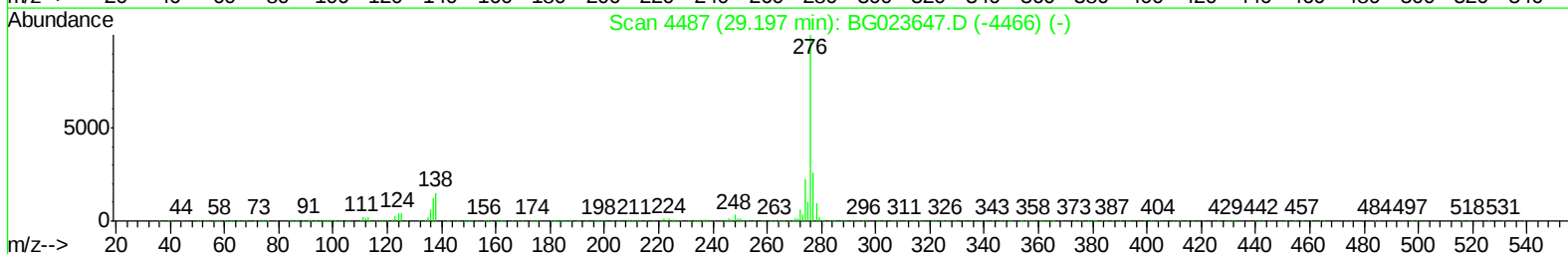
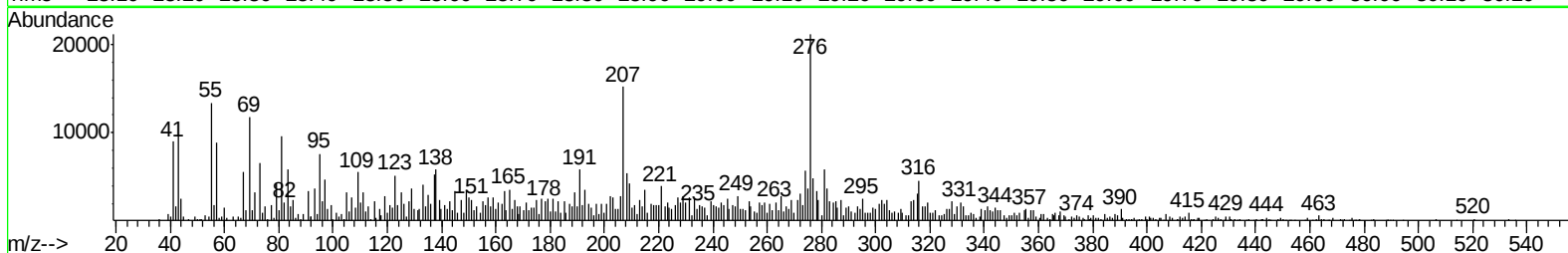
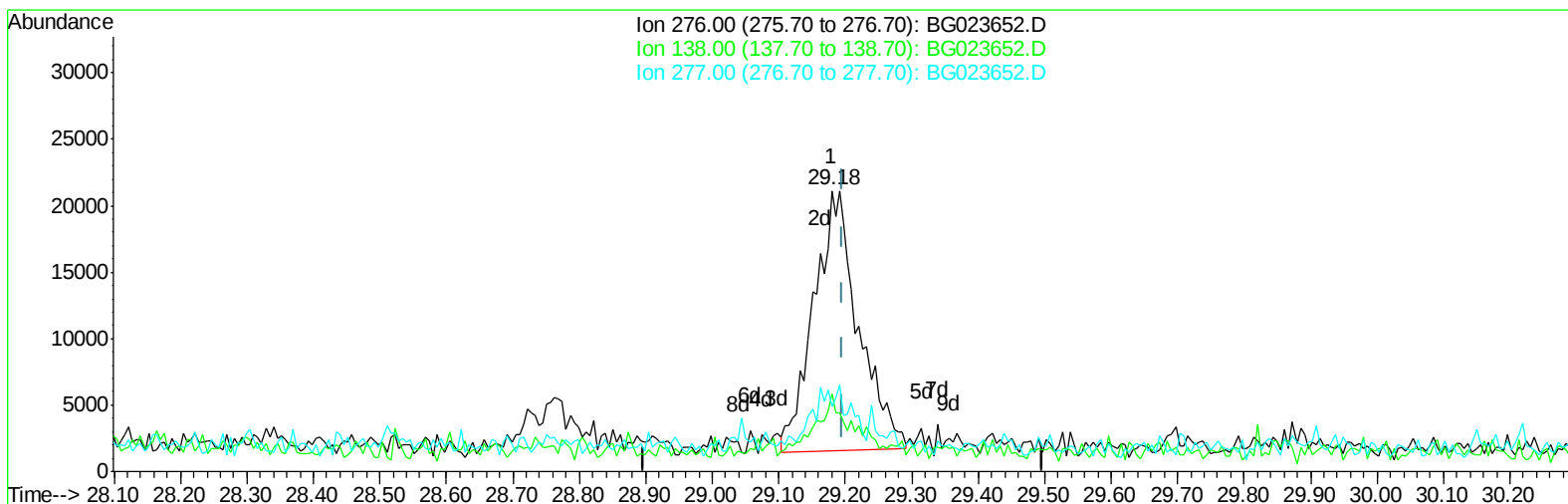
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023652.D
Acq On : 12 Aug 2016 12:25
Operator : UM/SJ
Sample : H4360-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-02

Quant Time: Aug 13 01:32:41 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

Manual Integrations
APPROVED

sohil
8/15/2016 6:48:34 PM



TIC: BG023652.D

(89) Indeno(1,2,3-cd)pyrene

29.180min (-0.017) 1.23ng/ul m

response 91074

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	27.76
277.00	22.00	23.02
0.00	0.00	0.00

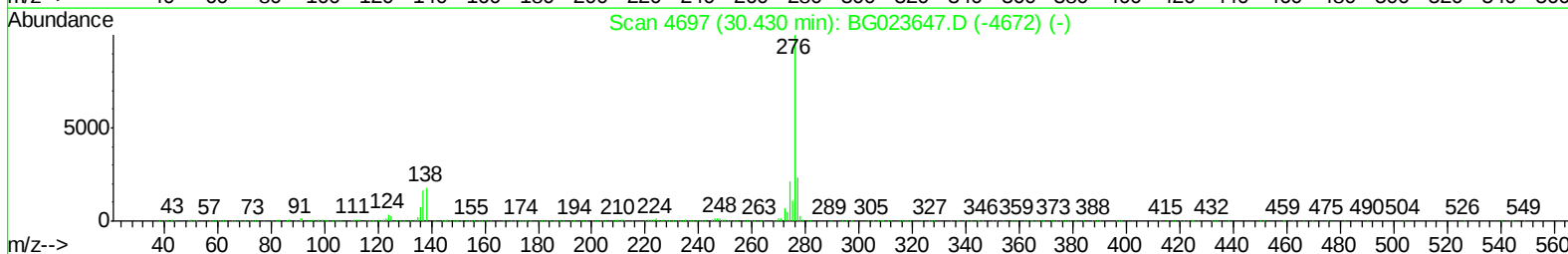
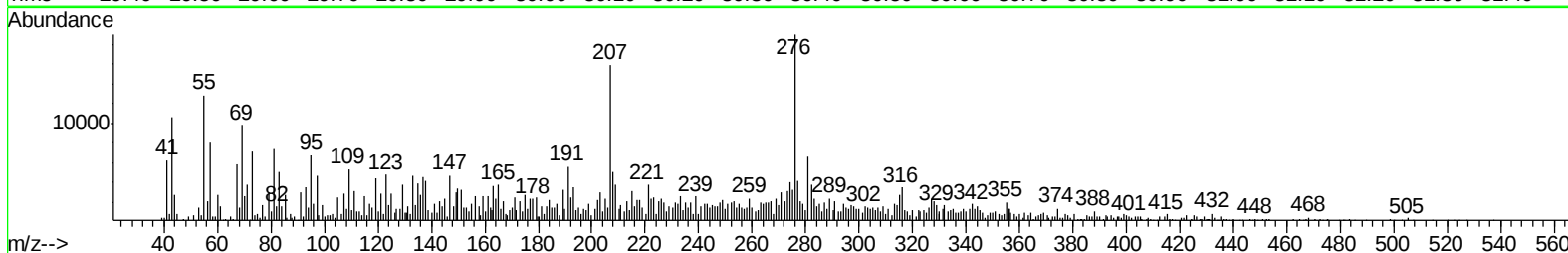
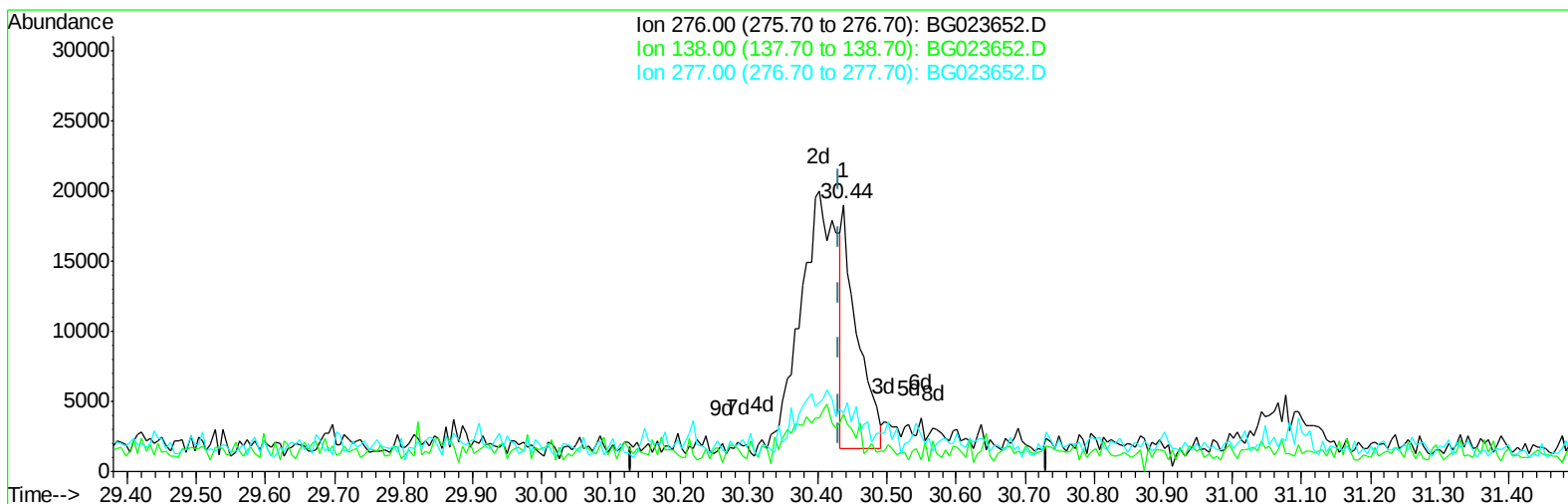
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023652.D
Acq On : 12 Aug 2016 12:25
Operator : UM/SJ
Sample : H4360-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS003-0206-02

Quant Time: Aug 13 01:32:41 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

Manual Integrations
APPROVED

sohil
8/15/2016 6:48:34 PM



TIC: BG023652.D

(91) Benzo(g,h,i)perylene
30.437min (+0.007) 0.44ng/ul
response 26841

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	21.70#
277.00	21.20	22.13
0.00	0.00	0.00

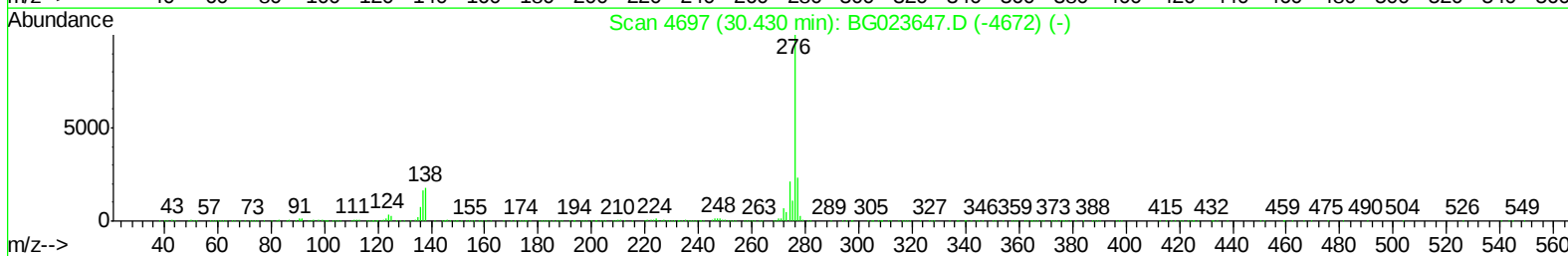
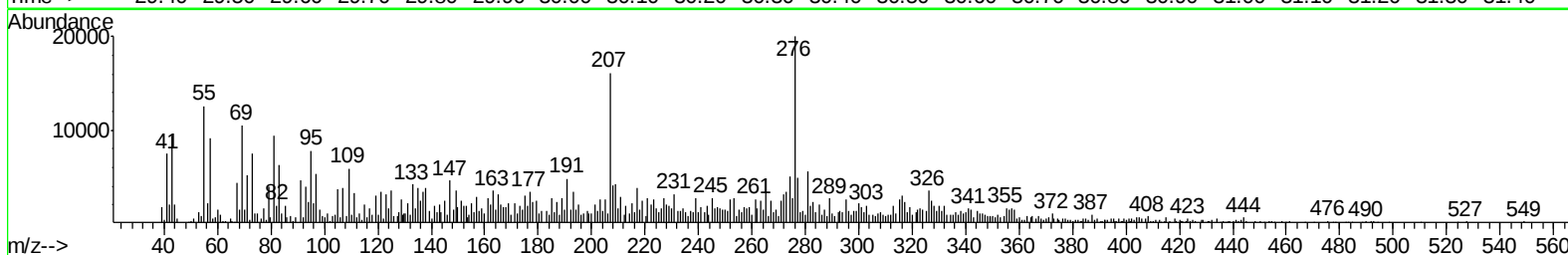
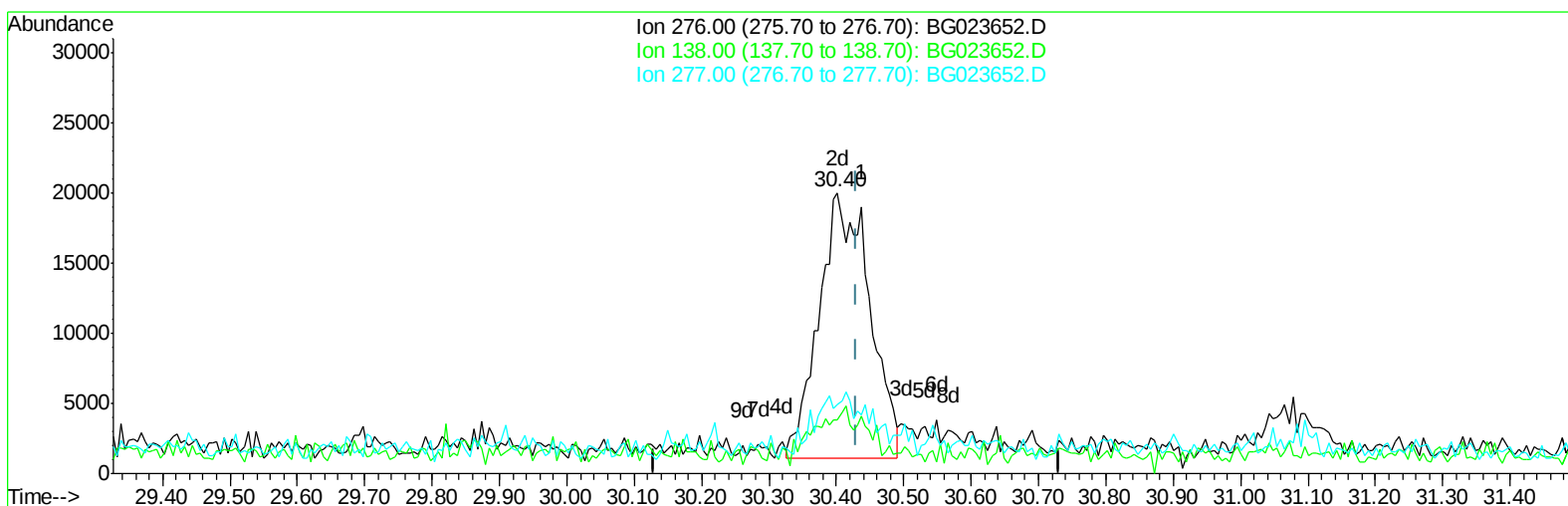
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023652.D
 Acq On : 12 Aug 2016 12:25
 Operator : UM/SJ
 Sample : H4360-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS003-0206-02

Manual Integrations
 APPROVED

sohil
 8/15/2016 6:48:34 PM

Quant Time: Aug 13 01:32:41 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



TIC: BG023652.D

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

30.402min (-0.029) 1.61ng/ul m

response 98458

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	19.22#
277.00	21.20	24.50
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023652.D
 Acq On : 12 Aug 2016 12:25
 Operator : UM/SJ
 Sample : H4360-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS003-0206-02

Manual Integrations
 APPROVED

sohil
 8/15/2016 6:48:34 PM

Quant Time: Aug 13 02:17:05 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	131225	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	729552	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	578715	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1392115	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1130363	20.00	ng/ul	-0.01
83) Perylene-d12	25.29	264	1143537	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	1906	0.62	ng/uL	0.00
5) Phenol-d5	7.27	99	175718	13.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	98004	11.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	133142	14.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	138600	13.43	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	65019	11.31	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	127788	19.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	206455	16.57	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	54462	3.73	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	563826	11.90	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	670698	12.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	76287	9.43	ng/ul	0.00
57) Fluorene-d10	15.78	176	550759	12.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.92	200	32937	3.69	ng/ul	0.00
70) Anthracene-d10	17.65	188	835431	13.32	ng/ul	0.00
76) Pyrene-d10	19.94	212	762464	13.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	658907	12.73	ng/ul	-0.01

Target Compounds

						Qvalue
44) Dimethylphthalate	14.22	163	358864	7.65	ng/ul	99
69) Phenanthrene	17.60	178	136386	1.89	ng/ul	100
74) Fluoranthene	19.61	202	251588	3.41	ng/ul#	91
77) Pyrene	19.97	202	268960	3.85	ng/ul#	92
80) Benzo(a)anthracene	21.85	228	102239	1.61	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.73	149	47085	1.32	ng/ul#	95
82) Chrysene	21.93	228	127303	2.20	ng/ul	92
85) Benzo(b)fluoranthene	24.19	252	161218	2.48	ng/ul#	76
88) Benzo(a)pyrene	25.12	252	112297	1.79	ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	29.18	276	91074m	1.23	ng/ul	
91) Benzo(g,h,i)perylene	30.40	276	98458m	1.61	ng/ul	

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

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
Data File : BG023652.D
Acq On : 12 Aug 2016 12:25
Operator : UM/SJ
Sample : H4360-14
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleID :
PR001-SS003-0206-02

Manual Integrations
APPROVED

sohil
8/15/2016 6:48:34 PM

Quant Time: Aug 13 02:17:05 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

