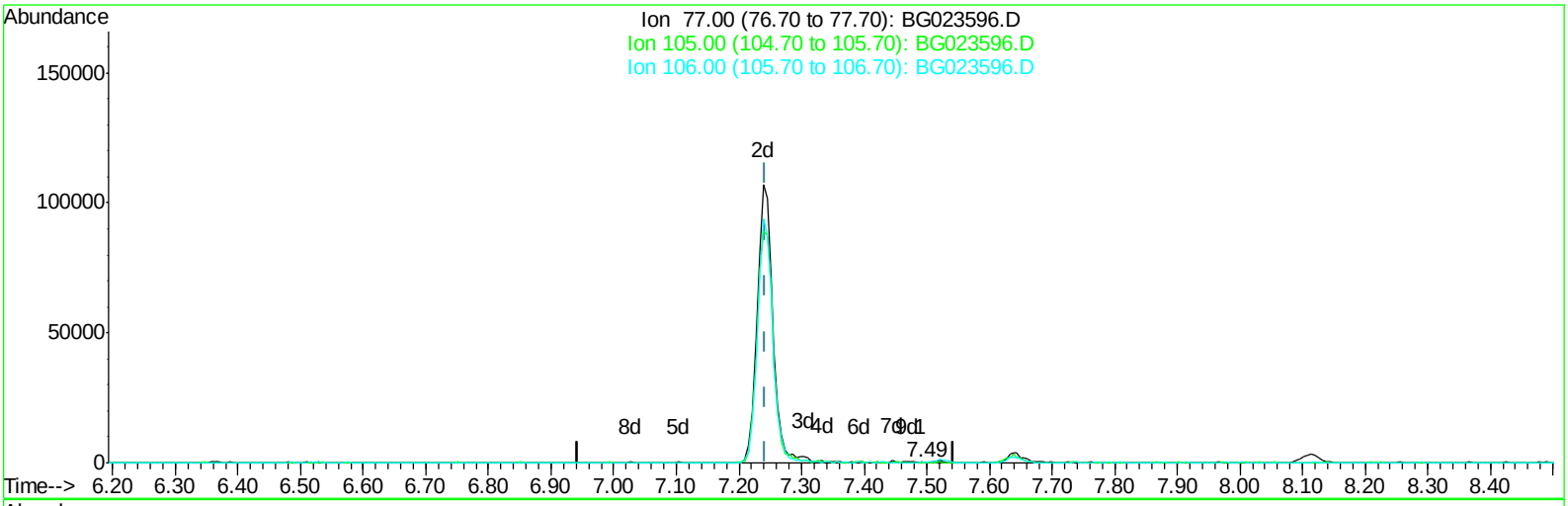
Quantitation Report (Qedit)

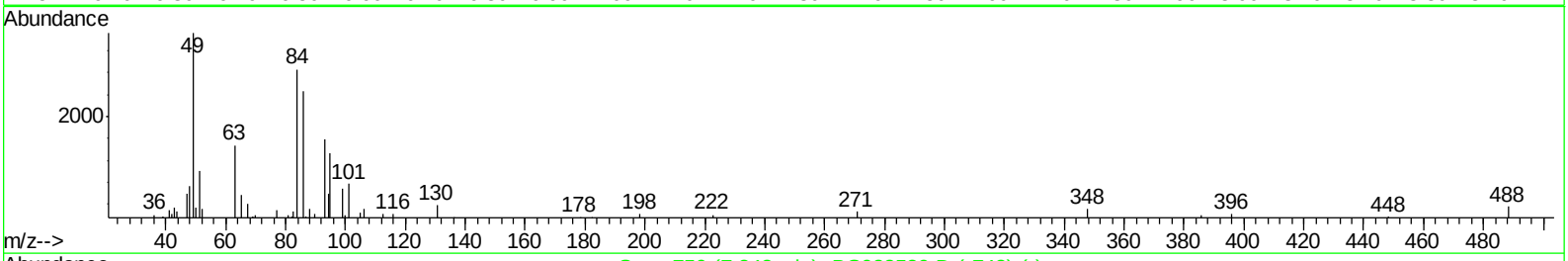
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023596.D
Acq On : 10 Aug 2016 17:32
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

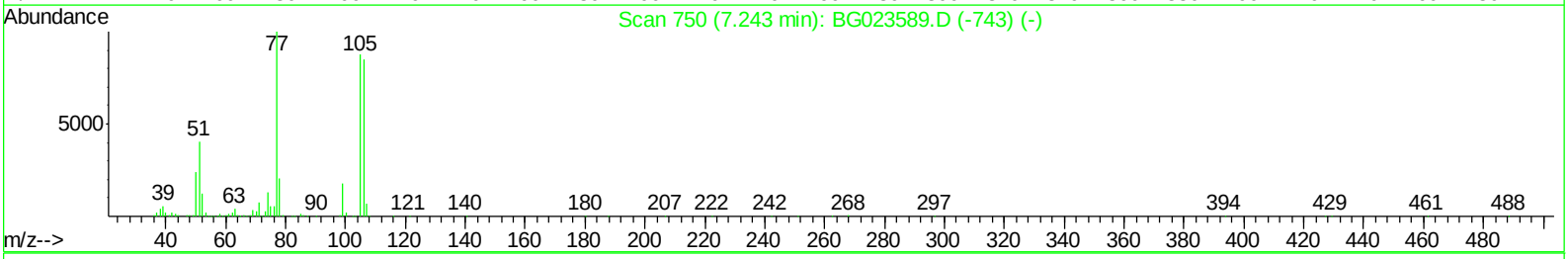
Quant Time: Aug 11 03:59:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02023

Manual Integrations APPROVED
sohil
8/11/2016 6:11:39 PM







TIC: BG023596.D

(4) Benzaldehyde

7.491min (+0.249) 0.02ng/ul

response 190

Ion	Exp%	Act%
77.00	100	100
105.00	104.80	85.56
106.00	97.40	113.73
0.00	0.00	0.00

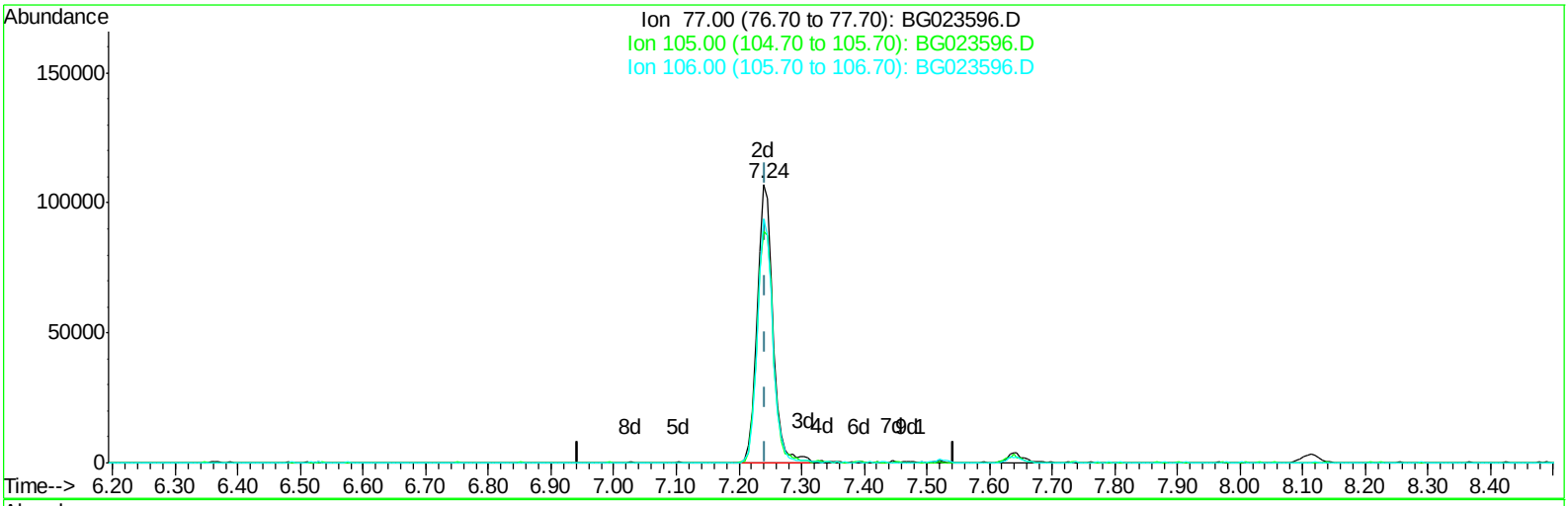
Quantitation Report (Qedit)

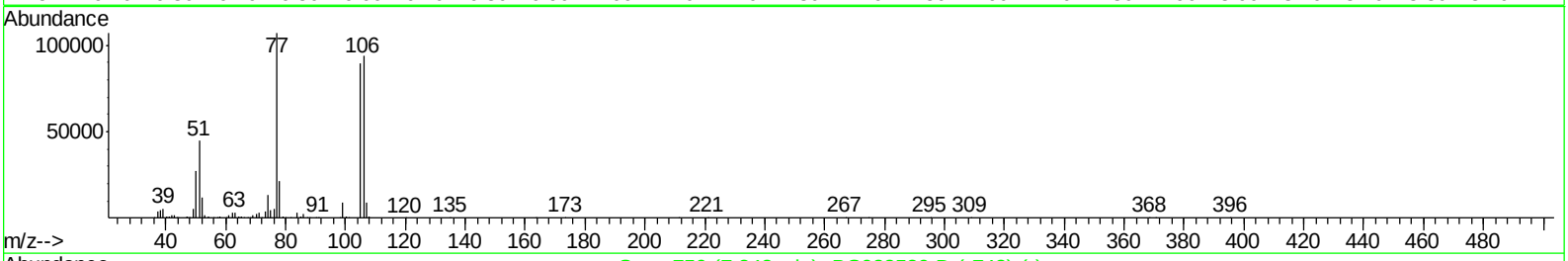
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023596.D
Acq On : 10 Aug 2016 17:32
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

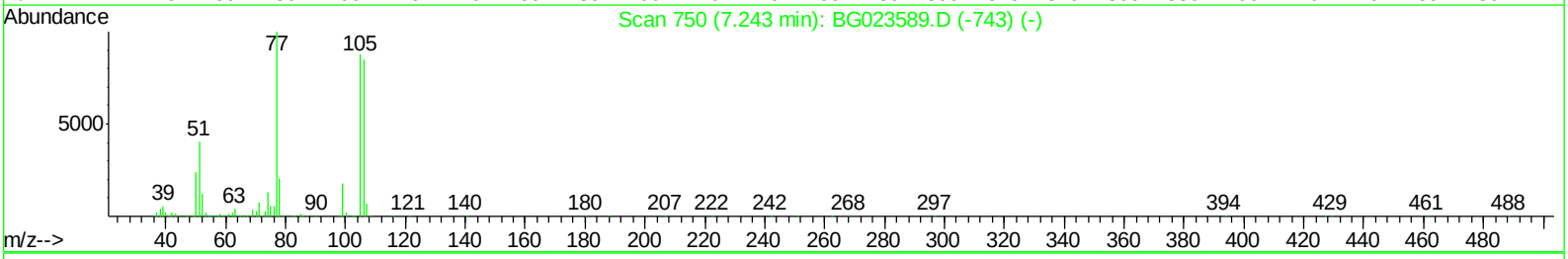
Quant Time: Aug 11 03:59:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02023

Manual Integrations APPROVED
sohil
8/11/2016 6:11:39 PM







TIC: BG023596.D

(4) Benzaldehyde

7.239min (-0.004) 22.42ng/ul m

response 188294

Ion	Exp%	Act%
77.00	100	100
105.00	104.80	83.37#
106.00	97.40	87.77
0.00	0.00	0.00

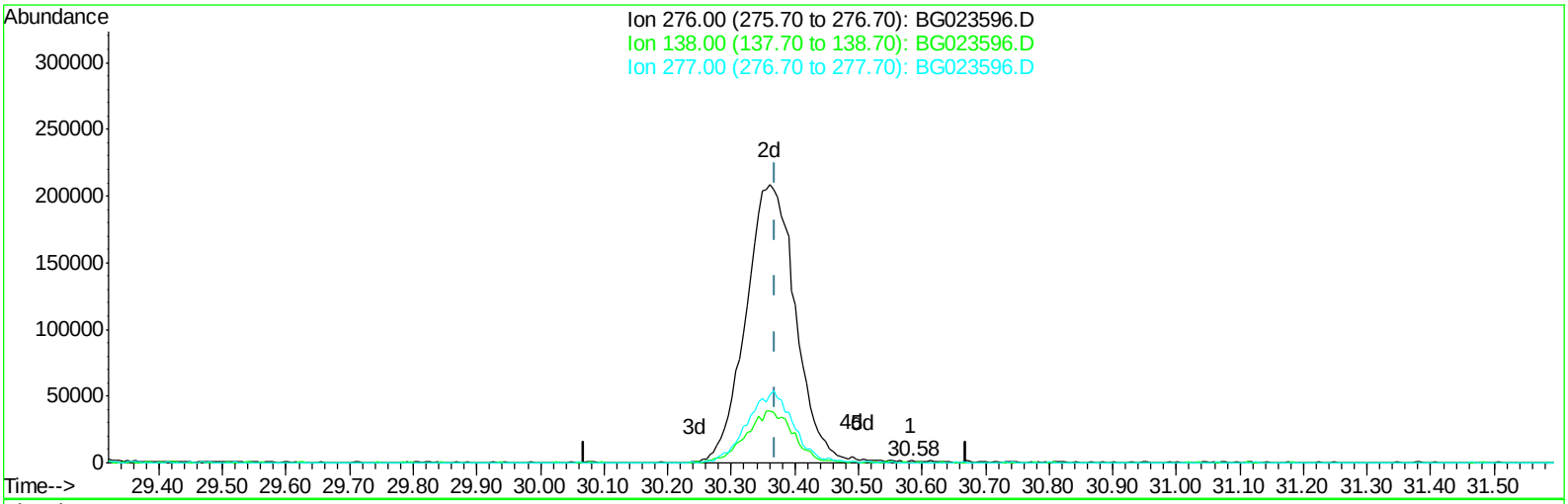
Quantitation Report (Qedit)

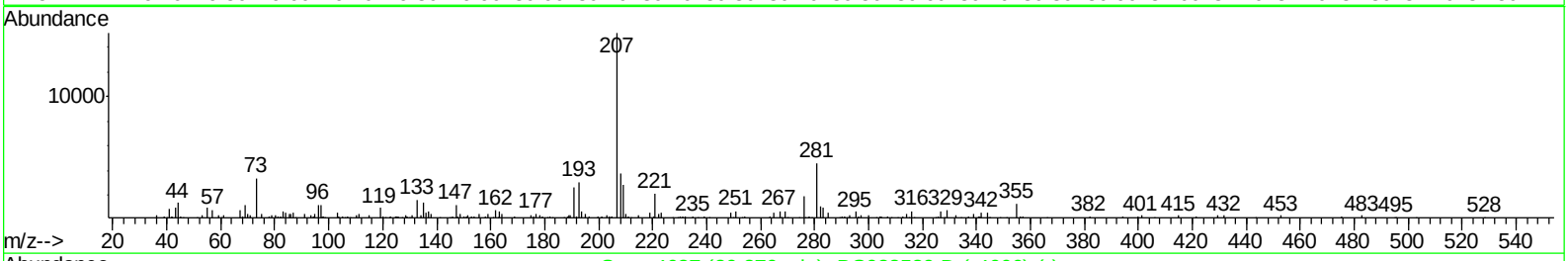
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023596.D
Acq On : 10 Aug 2016 17:32
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

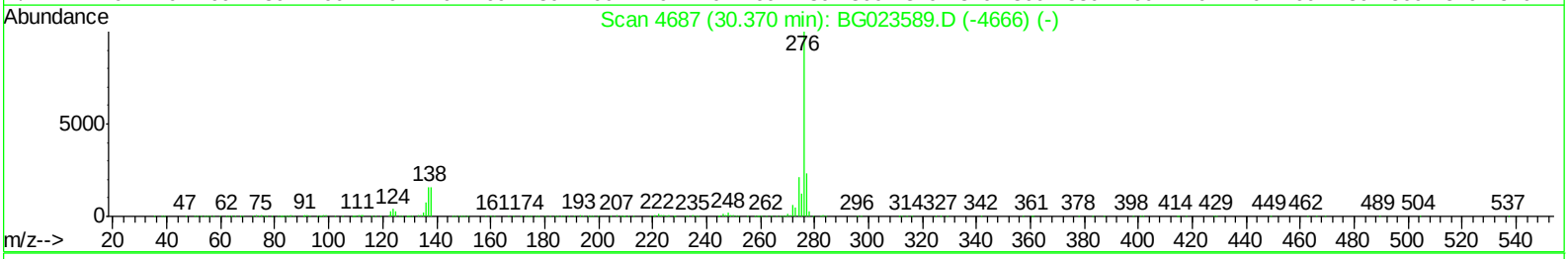
Quant Time: Aug 11 03:59:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02023

Manual Integrations APPROVED
sohil
8/11/2016 6:11:39 PM







TIC: BG023596.D

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

30.584min (+0.213) 0.02ng/ul

response 1292

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	23.98
277.00	21.20	19.97
0.00	0.00	0.00

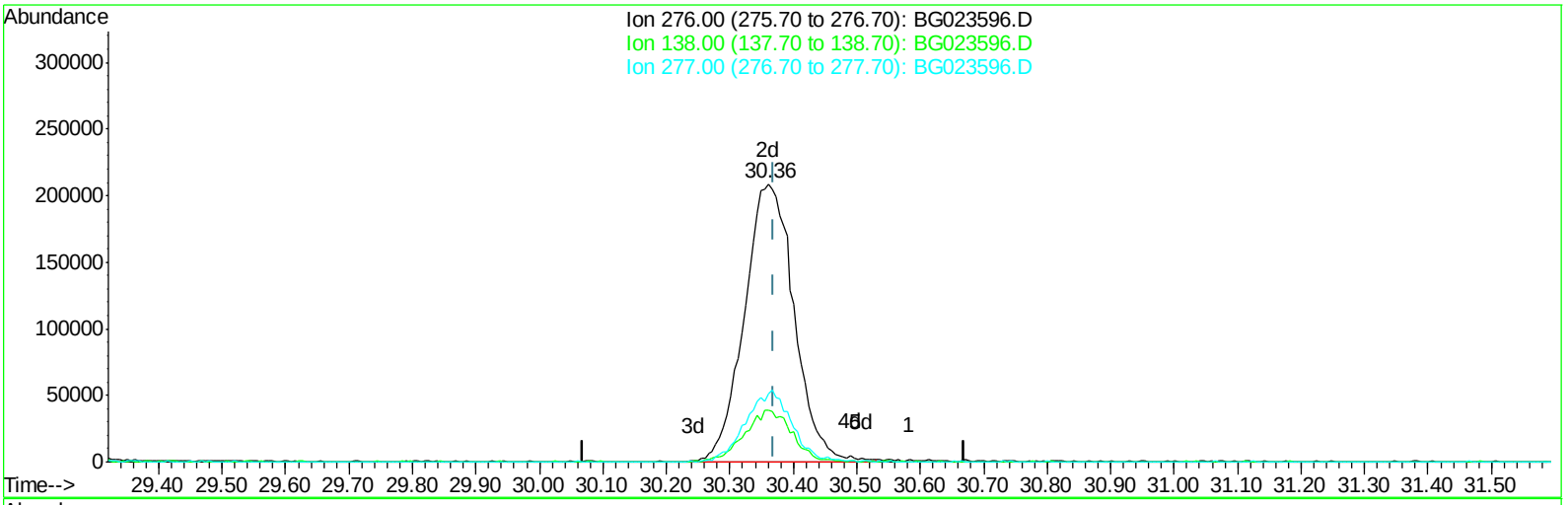
Quantitation Report (Qedit)

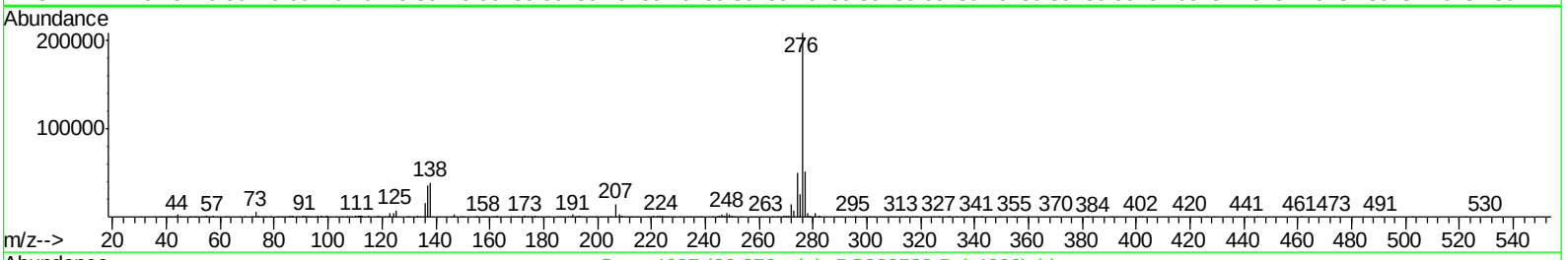
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023596.D
Acq On : 10 Aug 2016 17:32
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

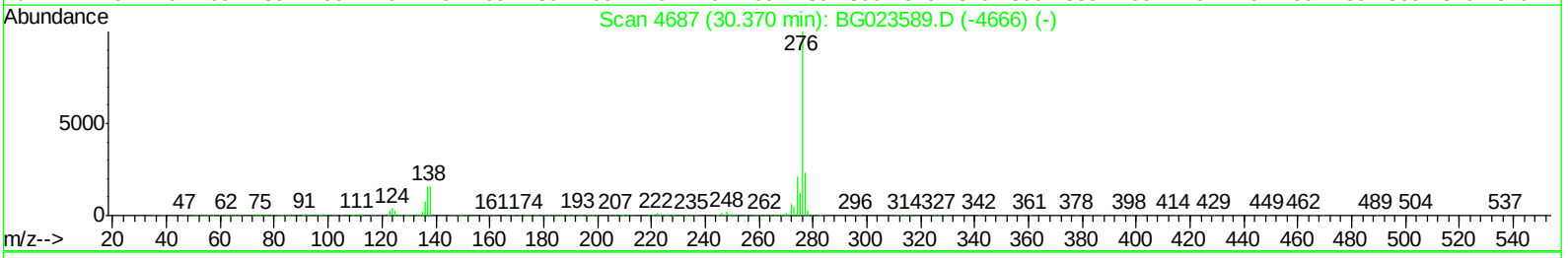
Quant Time: Aug 11 03:59:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02023

Manual Integrations APPROVED
sohil
8/11/2016 6:11:39 PM







TIC: BG023596.D

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

30.360min (-0.010) 20.82ng/ul m

response 1139071

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	18.72#
277.00	21.20	24.65
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023596.D
Acq On : 10 Aug 2016 17:32
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02023

Manual Integrations APPROVED
sohil
8/11/2016 6:11:39 PM

Quant Time: Aug 11 04:39:24 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	136767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	624063	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	438305	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1059228	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1046539	20.00	ng/ul	0.00
83) Perylene-d12	25.26	264	1022676	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	24416	7.59	ng/uL	0.00
5) Phenol-d5	7.26	99	279712	20.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	179040	20.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	190867	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	215681	20.05	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	101198	20.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	117754	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	220876	20.73	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	279876	22.39	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	722576	20.13	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	848346	21.00	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	121145	19.77	ng/ul	0.00
57) Fluorene-d10	15.78	176	652304	19.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	133393	19.63	ng/ul	0.00
70) Anthracene-d10	17.65	188	1007895	21.12	ng/ul	0.00
76) Pyrene-d10	19.94	212	1099431	20.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.03	264	967516	20.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	26688	7.91	ng/uL#	90
4) Benzaldehyde	7.24	77	188294m	22.42	ng/ul	
6) Phenol	7.29	94	284955	19.86	ng/ul#	70
8) Bis(2-Chloroethyl)ether	7.52	93	211694	20.32	ng/ul	87
10) 2-Chlorophenol	7.67	128	197617	20.64	ng/ul#	83
11) 2-Methylphenol	8.56	108	210019	19.44	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.64	45	298706	20.96	ng/ul	96
14) Acetophenone	8.94	105	349190	20.24	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.92	70	207144	19.96	ng/ul#	88
16) 4-Methylphenol	8.89	108	234546	19.37	ng/ul	95
17) Hexachloroethane	9.20	117	84638	20.49	ng/ul	95
20) Nitrobenzene	9.33	77	297878	20.66	ng/ul#	86
21) Isophorone	9.85	82	548347	20.68	ng/ul	93
23) 2-Nitrophenol	10.05	139	127781	20.95	ng/ul#	63
24) 2,4-Dimethylphenol	10.11	107	269841	20.16	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.33	93	314614	20.57	ng/ul#	98
27) 2,4-Dichlorophenol	10.59	162	223969	20.84	ng/ul	96
28) Naphthalene	11.00	128	665153	20.99	ng/ul	98
30) 4-Chloroaniline	11.11	127	271652	21.89	ng/ul	99
31) Hexachlorobutadiene	11.27	225	144242	20.15	ng/ul	93
32) Caprolactam	11.87	113	83144	18.63	ng/ul#	46
33) 4-Chloro-3-methylphenol	12.24	107	269708	19.50	ng/ul	87
34) 2-Methylnaphthalene	12.60	142	516571	20.11	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023596.D
Acq On : 10 Aug 2016 17:32
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02023

Manual Integrations APPROVED
sohil
8/11/2016 6:11:39 PM

Quant Time: Aug 11 04:39:24 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

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	290934	21.62 ng/ul	99
37) Hexachlorocyclopentadiene	12.94	237	131491	17.67 ng/ul	92
38) 2,4,6-Trichlorophenol	13.22	196	196673	21.10 ng/ul	95
39) 2,4,5-Trichlorophenol	13.30	196	207239	20.74 ng/ul	97
40) 1,1'-Biphenyl	13.61	154	673844	20.92 ng/ul	99
41) 2-Chloronaphthalene	13.65	162	535282	21.37 ng/ul	97
42) 2-Nitroaniline	13.87	65	210651	20.60 ng/ul#	65
44) Dimethylphthalate	14.22	163	704102	19.81 ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	156419	20.30 ng/ul	92
47) Acenaphthylene	14.51	152	884109	20.93 ng/ul	100
48) 3-Nitroaniline	14.69	138	153159	21.15 ng/ul#	66
49) Acenaphthene	14.85	153	589252	20.47 ng/ul	95
50) 2,4-Dinitrophenol	14.90	184	79614	16.75 ng/ul#	83
52) 4-Nitrophenol	15.01	109	117308	19.12 ng/ul#	75
53) Dibenzofuran	15.18	168	859258	20.15 ng/ul	92
54) 2,4-Dinitrotoluene	15.15	165	233870	20.03 ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.42	232	196647	19.16 ng/ul	95
56) Diethylphthalate	15.59	149	729865	19.65 ng/ul	97
58) Fluorene	15.83	166	709053	19.96 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.82	204	354769	19.85 ng/ul	96
60) 4-Nitroaniline	15.86	138	169542	20.18 ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	15.92	198	145897	20.45 ng/ul#	85
64) N-Nitrosodiphenylamine	16.04	169	638731	21.58 ng/ul	94
65) 4-Bromophenyl-phenylether	16.73	248	256476	21.11 ng/ul	96
66) Hexachlorobenzene	16.85	284	274640	21.22 ng/ul	94
67) Atrazine	16.99	200	256614	20.99 ng/ul	96
68) Pentachlorophenol	17.20	266	140580	19.69 ng/ul	90
69) Phenanthrene	17.59	178	1167400	21.28 ng/ul	98
71) Anthracene	17.68	178	1202700	21.49 ng/ul	97
72) Carbazole	17.95	167	1058757	23.47 ng/ul	97
73) Di-n-butylphthalate	18.49	149	1236341	21.88 ng/ul#	94
74) Fluoranthene	19.60	202	1339399	23.85 ng/ul#	94
77) Pyrene	19.97	202	1345125	20.79 ng/ul	95
78) Butylbenzylphthalate	20.84	149	553085	22.29 ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.76	252	434951	23.59 ng/ul#	96
80) Benzo(a)anthracene	21.85	228	1239279	21.03 ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.73	149	760329	23.04 ng/ul#	97
82) Chrysene	21.92	228	1136072	21.20 ng/ul	97
84) Di-n-octyl phthalate	22.99	149	1243122	24.07 ng/ul	100
85) Benzo(b)fluoranthene	24.18	252	1235685	21.24 ng/ul#	94
86) Benzo(k)fluoranthene	24.25	252	1175975	20.54 ng/ul#	90
88) Benzo(a)pyrene	25.10	252	1179627	21.00 ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.15	276	1356341	20.55 ng/ul#	85
90) Dibenzo(a,h)anthracene	29.21	278	1157174	20.56 ng/ul#	91
91) Benzo(g,h,i)perylene	30.36	276	1139071m	20.82 ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081016\
Data File : BG023596.D
Acq On : 10 Aug 2016 17:32
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 11 04:39:24 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
LabSampleId :
SSTD02023

Manual Integrations APPROVED
sohil
8/11/2016 6:11:39 PM