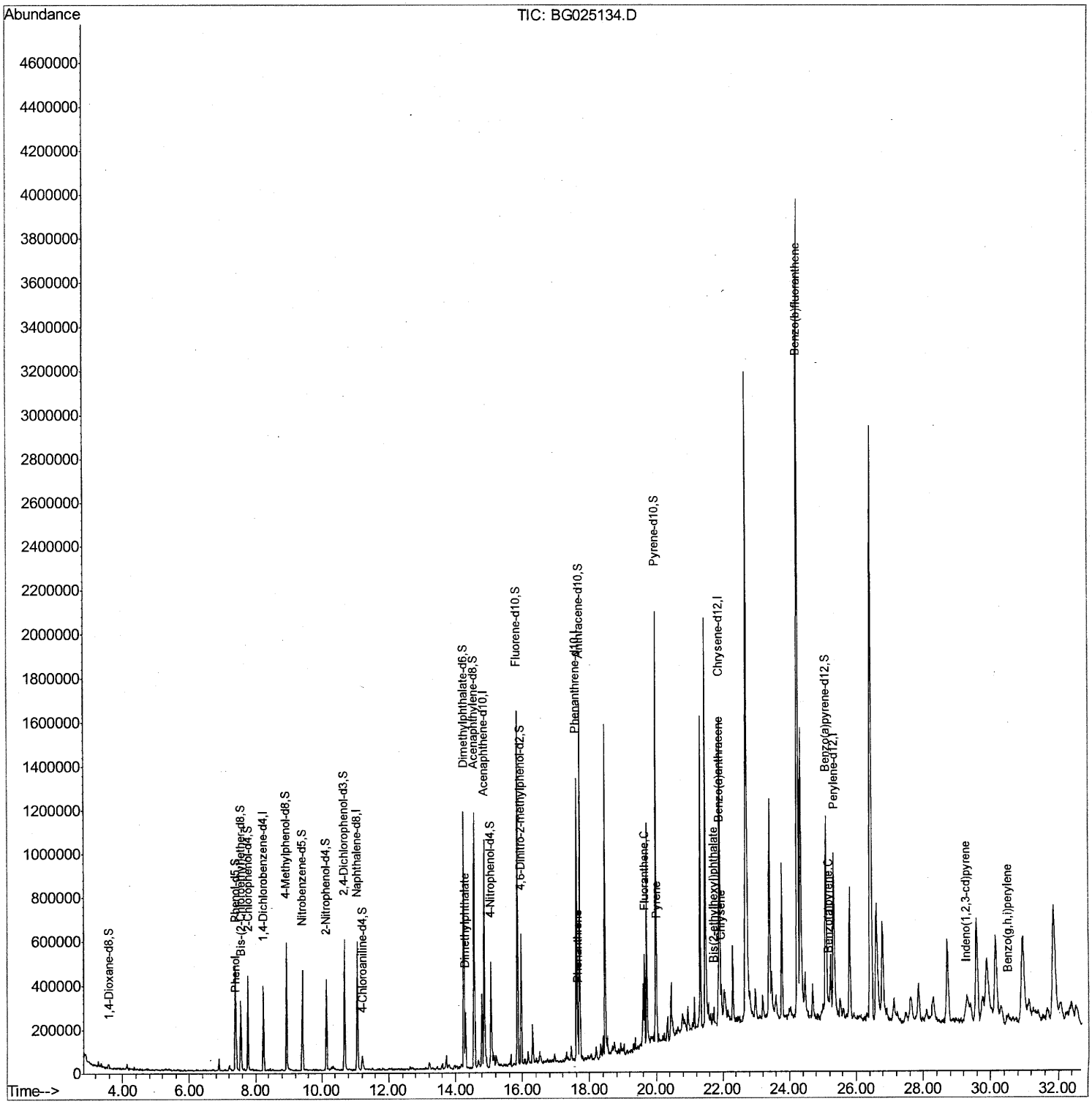
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025134.D
Acq On : 13 Dec 2016 3:59
Operator : UM/SJ
Sample : H5990-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BACKGROUND03-0106-03

Manual Integrations APPROVED
sohil
12/13/2016 6:08:06 PM

Quant Time: Dec 13 06:42:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration



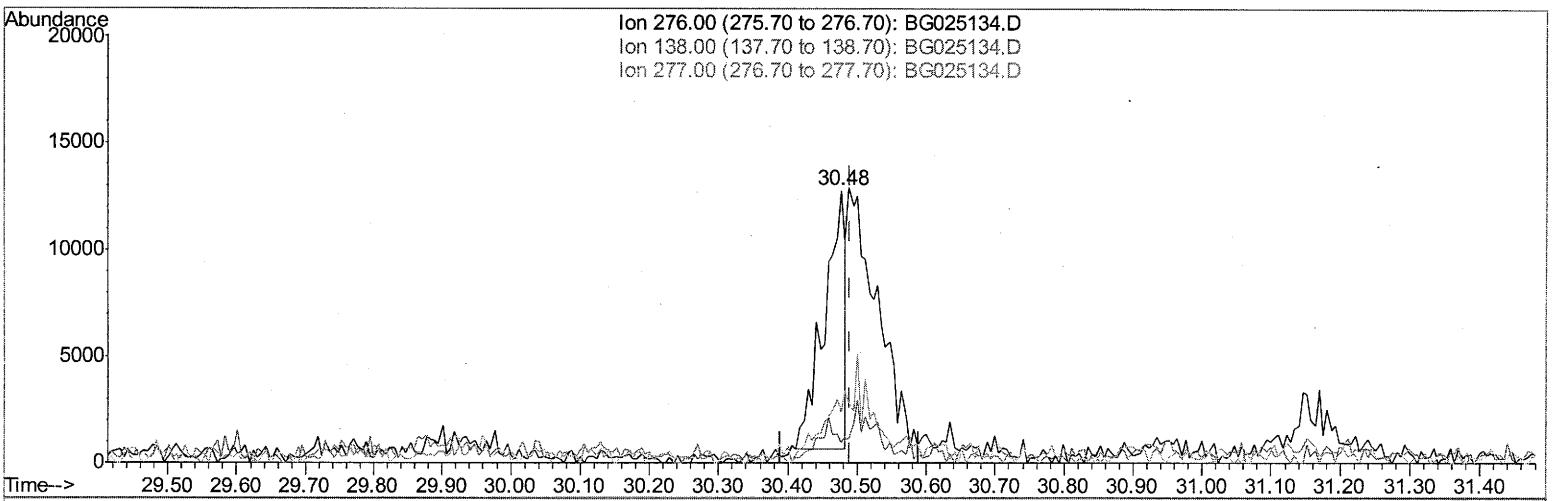
Quantitation Report (Qedit)

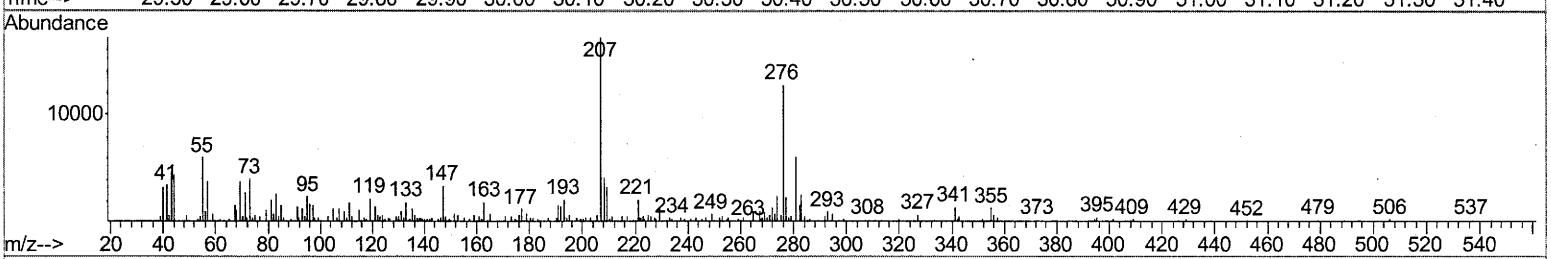
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025134.D
Acq On : 13 Dec 2016 3:59
Operator : UM/SJ
Sample : H5990-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

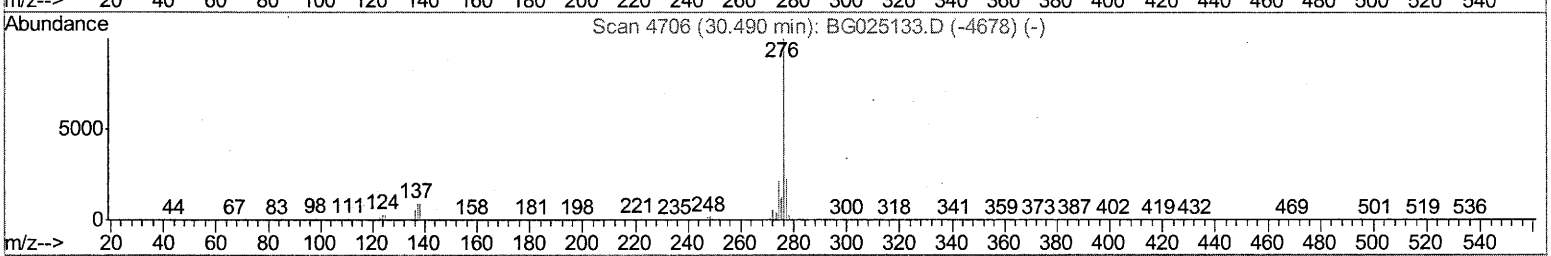
Quant Time: Dec 13 06:26:02 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BACKGROUND03-0106-03

Manual Integrations APPROVED
sohil
12/13/2016 6:08:06 PM







TIC: BG025134.D

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

30.476min (-0.014) 0.56ng/ul

response 25629

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	7.47#
277.00	22.00	18.73
0.00	0.00	0.00

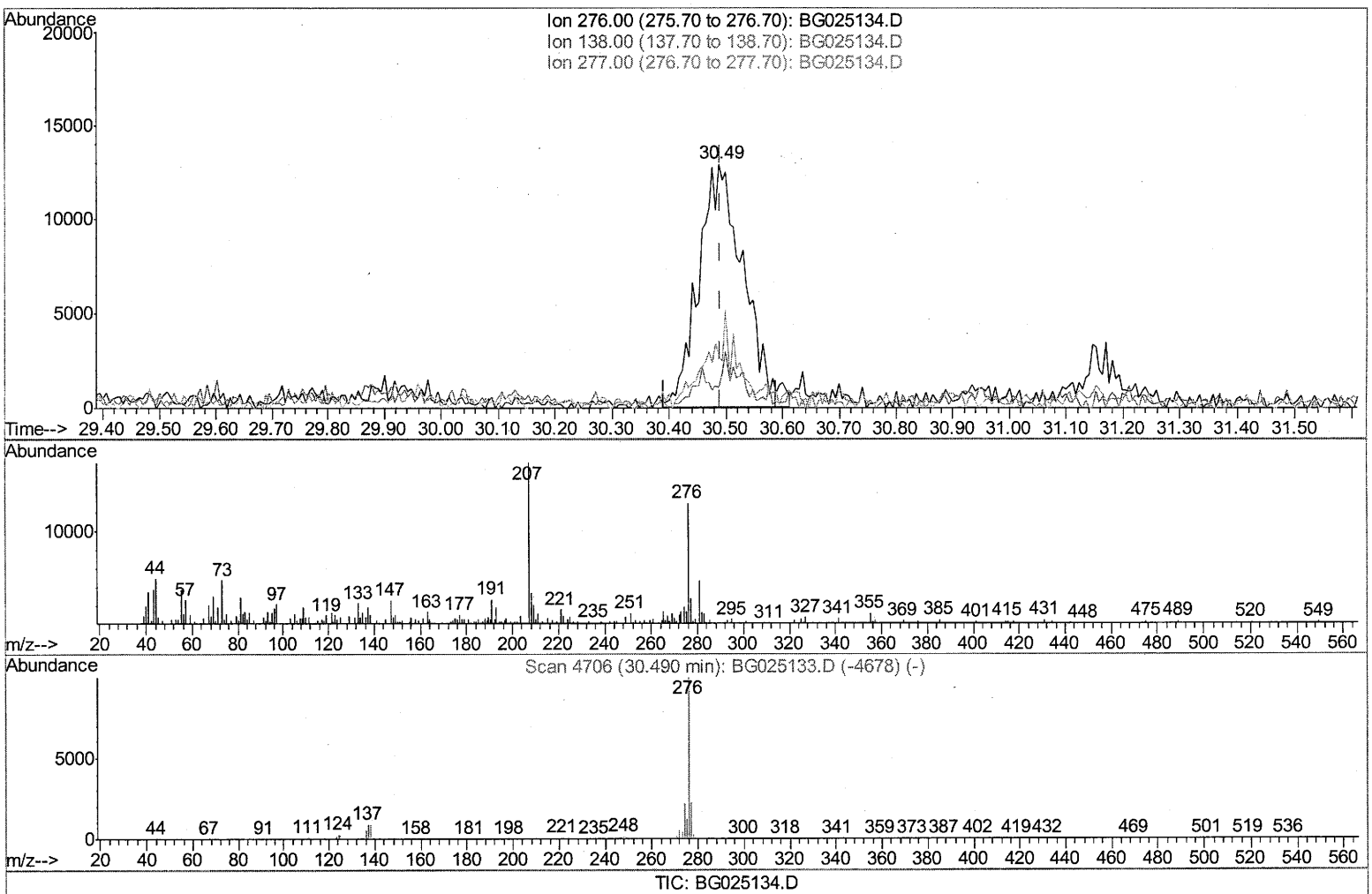
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025134.D
Acq On : 13 Dec 2016 3:59
Operator : UM/SJ
Sample : H5990-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 13 06:26:02 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BACKGROUND03-0106-03

Manual Integrations APPROVED
sohil
12/13/2016 6:08:06 PM



TIC: BG025134.D

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

30.488min (-0.002) 1.52ng/ul m

response 69644

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	8.62
277.00	22.00	21.67
0.00	0.00	0.00

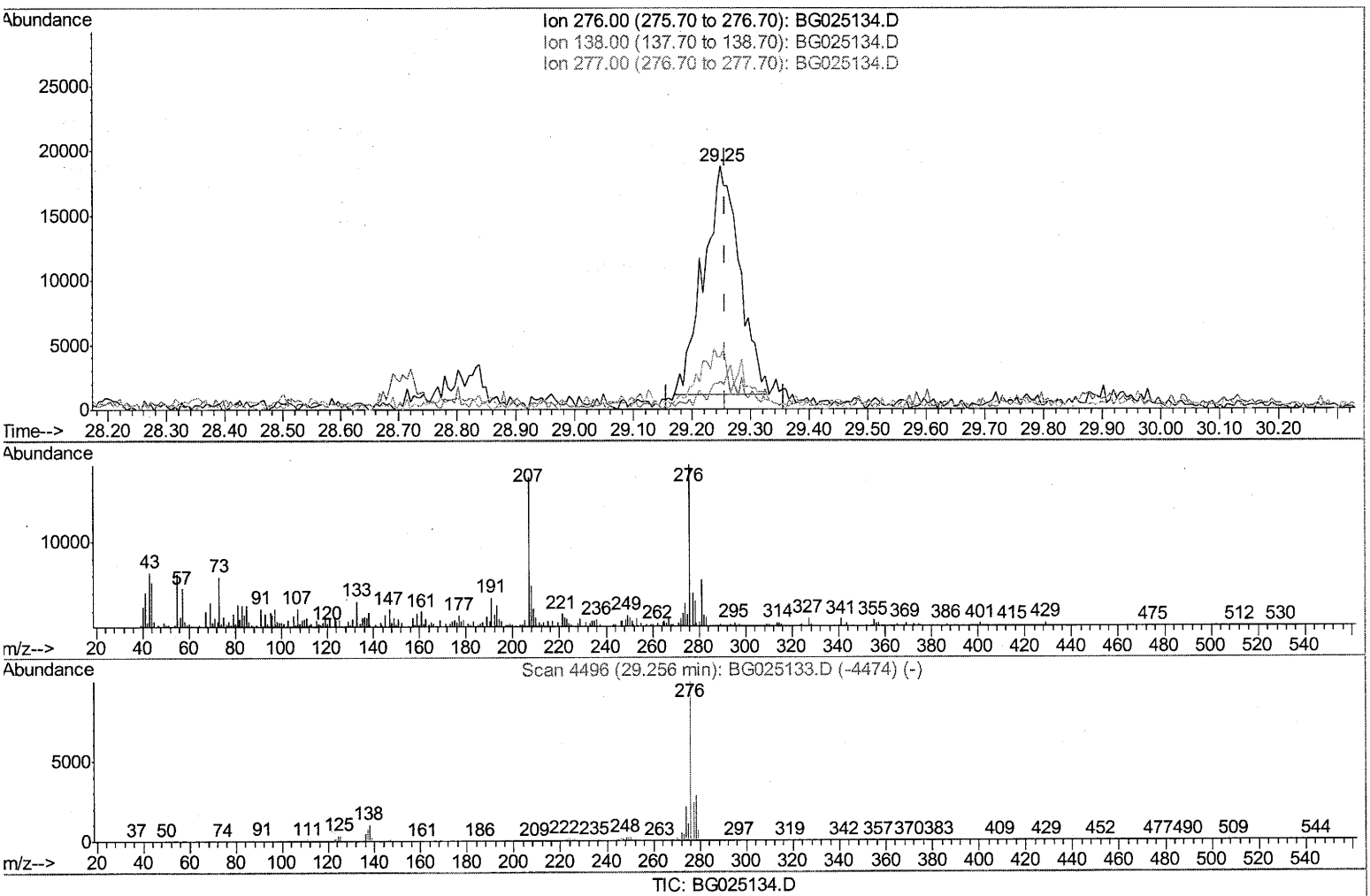
Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025134.D
Acq On : 13 Dec 2016 3:59
Operator : UM/SJ
Sample : H5990-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 13 06:26:02 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BACKGROUND03-0106-03

Manual Integrations APPROVED
sohil
12/13/2016 6:08:06 PM



TIC: BG025134.D

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

29.248min (-0.008) 1.37ng/ul

response 75230

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	11.39
277.00	23.30	21.37
0.00	0.00	0.00

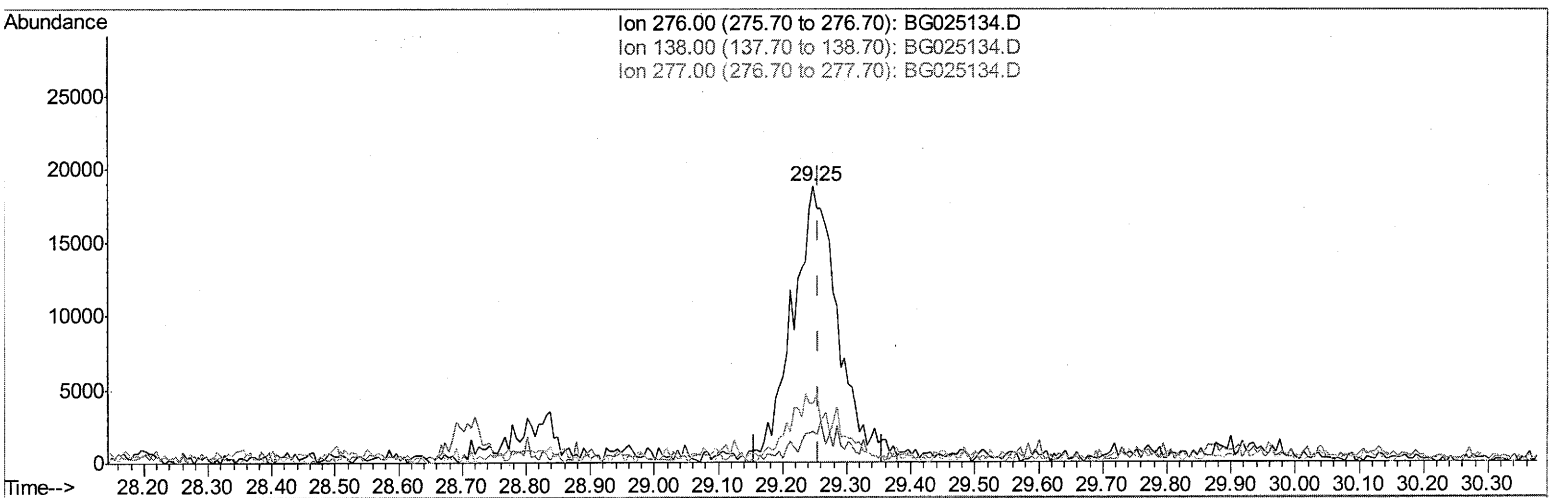
Quantitation Report (Qedit)

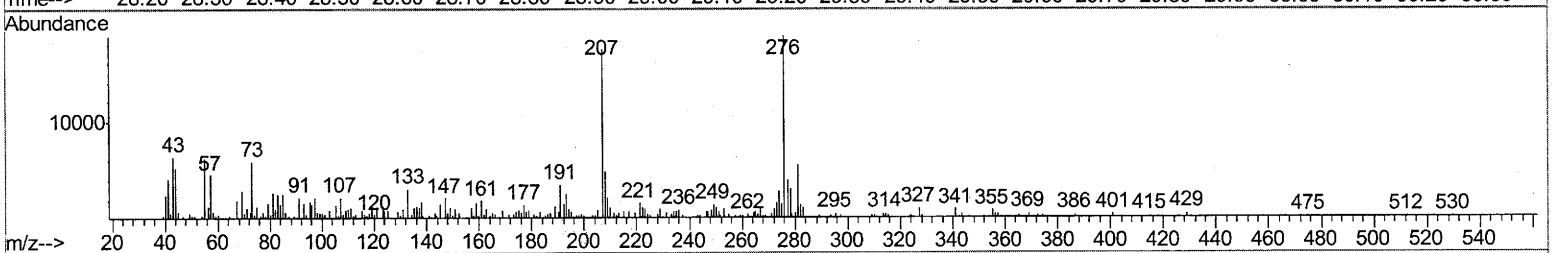
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025134.D
Acq On : 13 Dec 2016 3:59
Operator : UM/SJ
Sample : H5990-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

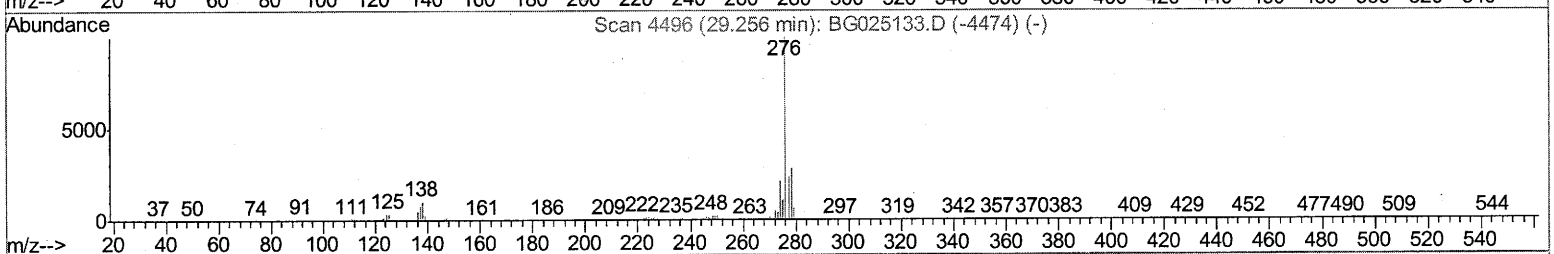
Quant Time: Dec 13 06:26:02 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BACKGROUND03-0106-03

Manual Integrations APPROVED
sohil
12/13/2016 6:08:06 PM







TIC: BG025134.D

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

29.248min (-0.008) 1.66ng/ul m

response 90961

UM
12/13/16

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	9.48
277.00	23.30	21.37
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121216\
Data File : BG025134.D
Acq On : 13 Dec 2016 3:59
Operator : UM/SJ
Sample : H5990-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BACKGROUND03-0106-03

Manual Integrations APPROVED
sohil
12/13/2016 6:08:06 PM

Quant Time: Dec 13 06:42:37 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 13 06:23:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	98871	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	468695	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	385505	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	789987	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	910327	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	925168	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	9868	5.16	ng/uL	0.00
5) Phenol-d5	7.39	99	249901	29.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	167898	31.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	181562	30.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	221170	31.03	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	101360	30.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	118193	28.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	218965	27.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	38817	4.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	735060	27.72	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	835489	28.76	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	115293	25.30	ng/ul	0.00
57) Fluorene-d10	15.85	176	667520	26.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	133806	27.39	ng/ul	0.00
70) Anthracene-d10	17.70	188	942088	28.25	ng/ul	0.00
76) Pyrene-d10	19.98	212	1091766	29.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	1065395	28.42	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.42	94	48662	5.56	ng/ul	94
44) Dimethylphthalate	14.30	163	146947	5.64	ng/ul	96
69) Phenanthrene	17.64	178	94654	2.51	ng/ul	94
74) Fluoranthene	19.64	202	233020	5.20	ng/ul	99
77) Pyrene	20.01	202	199644	4.56	ng/ul#	95
80) Benzo(a)anthracene	21.87	228	99995	2.11	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.73	149	28071	1.19	ng/ul#	97
82) Chrysene	21.95	228	134601	3.04	ng/ul	96
85) Benzo(b)fluoranthene	24.22	252	180793	3.94	ng/ul#	83
88) Benzo(a)pyrene	25.15	252	103402	2.34	ng/ul#	85
89) Indeno(1,2,3-cd)pyrene	29.25	276	90961m	1.66	ng/ul	
91) Benzo(g,h,i)perylene	30.49	276	69644m	1.52	ng/ul	

3 um 12/13/16

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