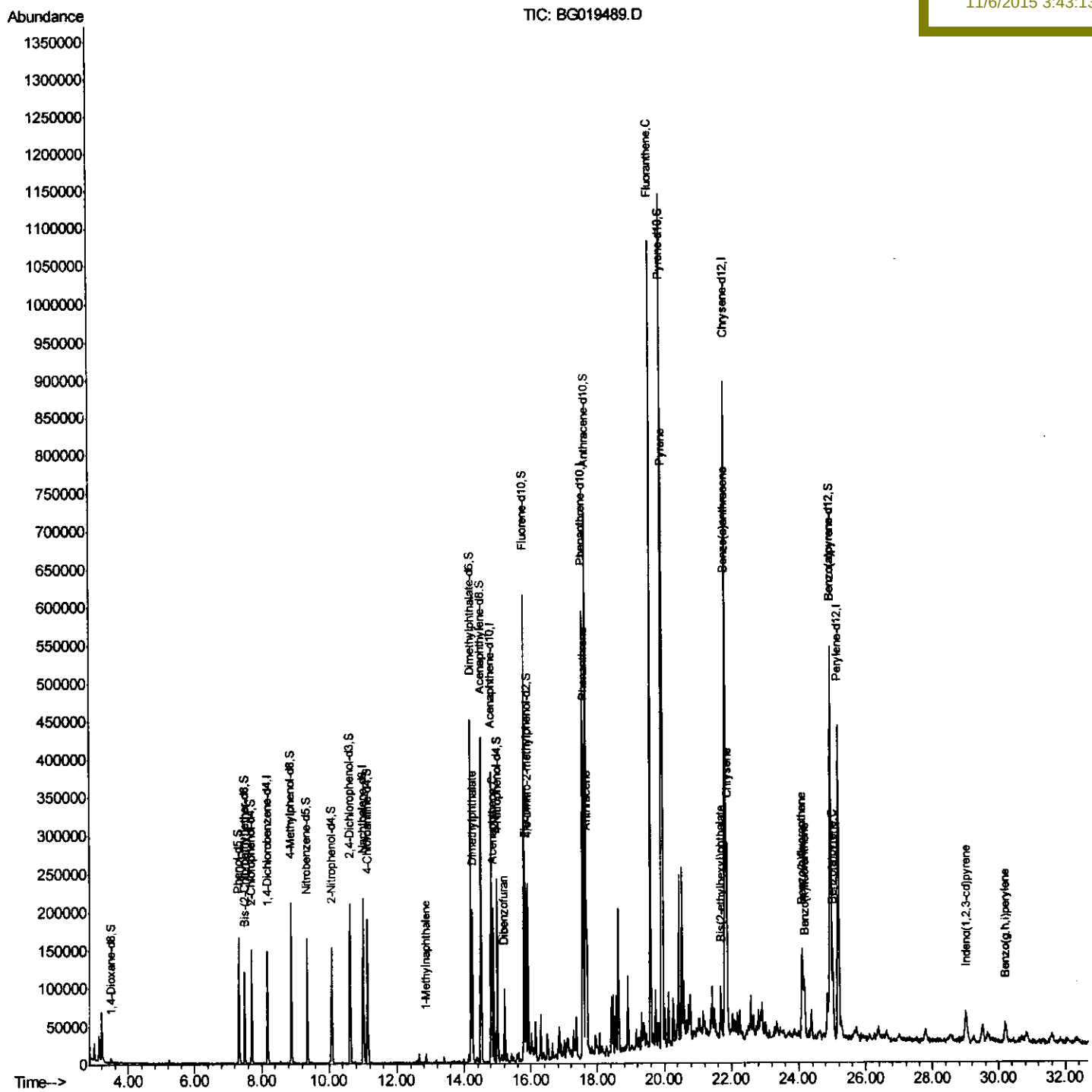
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110515\
Data File : BG019489.D
Acq On : 5 Nov 2015 12:54
Operator : UM/NP
Sample : G4273-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 04:18:03 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 02:11:58 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AN8

Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:43:13 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG110515\
Data File : BG019489.D
Acq On : 5 Nov 2015 12:54
Operator : UM/NP
Sample : G4273-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 02:14:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 02:11:58 2015
Response via : Initial Calibration

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ClientSampleId :
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Manual Integrations APPROVED
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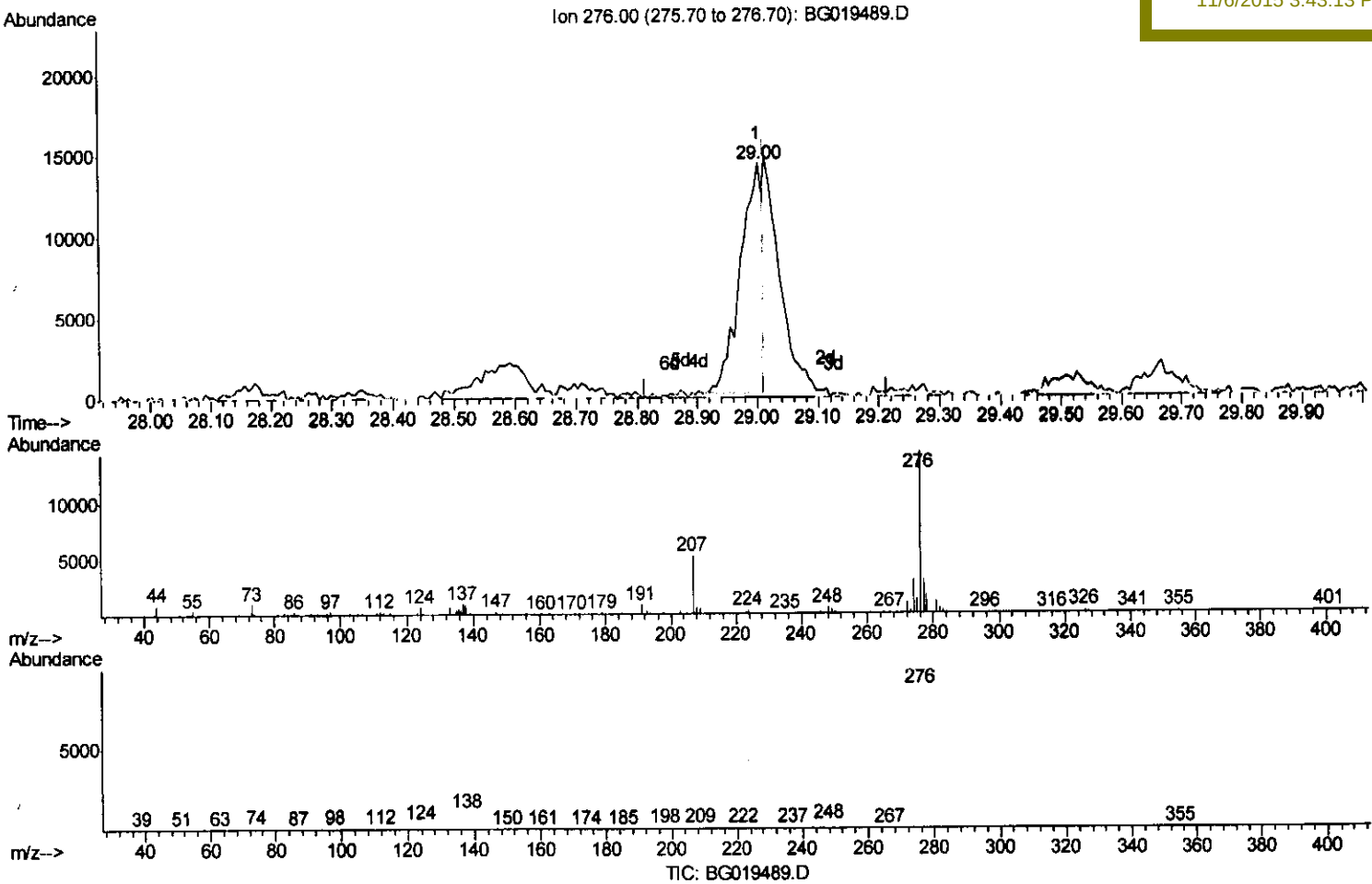
11/6/2015 3:43:13 PM



TIC: BG019489.D

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

29.002min (-0.011) 1.20ng/ul

response 34792

Ion	Exp%	Act%
276.00	100	100
138.00	7.80	6.92
277.00	22.40	21.35
0.00	0.00	0.00

Quantitation Report (Qedit)

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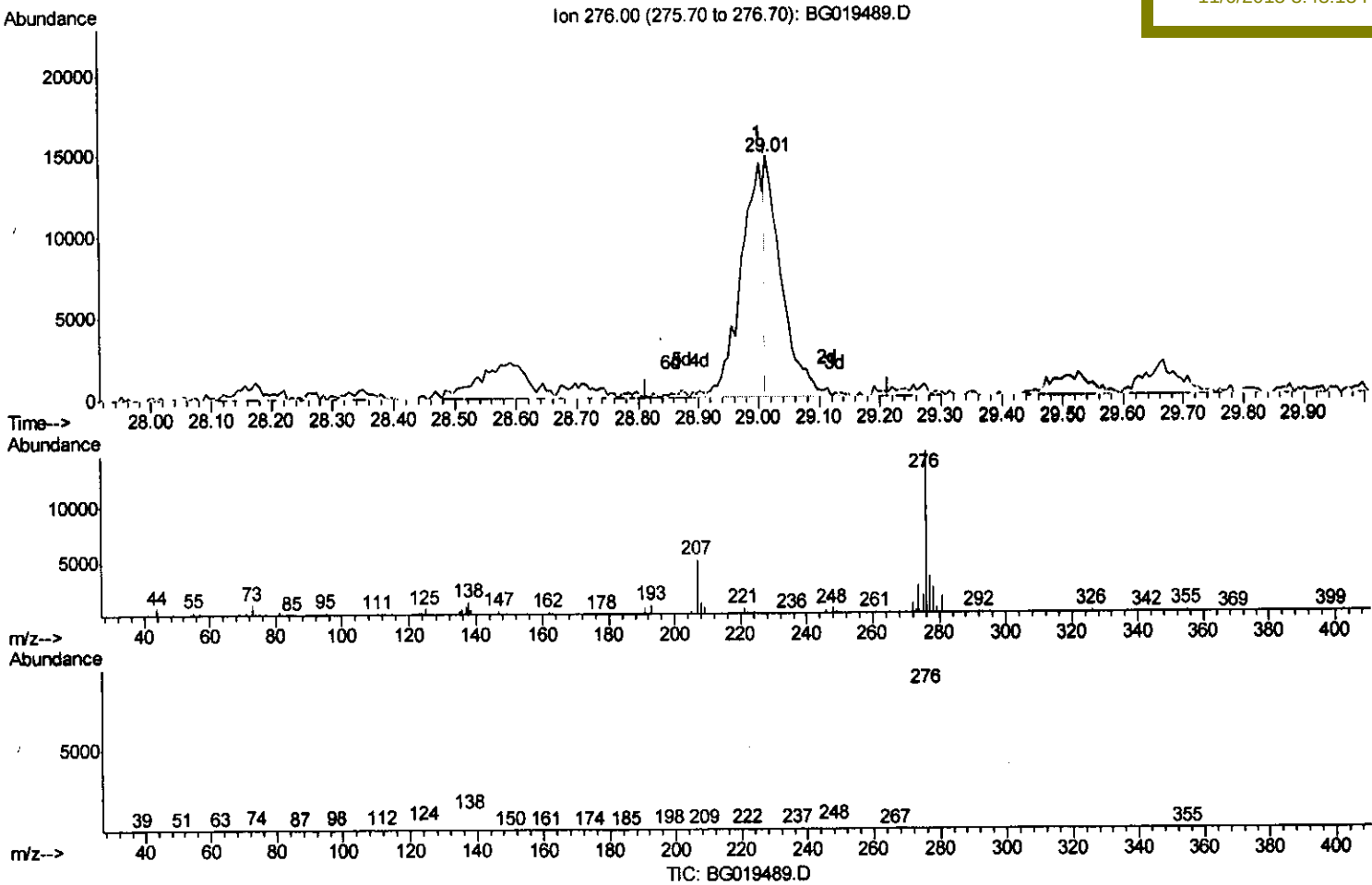
Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:43:13 PM



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

29.014min (+0.001) 2.27ng/ul m U.M 11/7/15

response 65910

Ion	Exp%	Act%
276.00	100	100
138.00	7.80	8.81
277.00	22.40	23.21
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 5 Nov 2015 12:54
Operator : UM/NP
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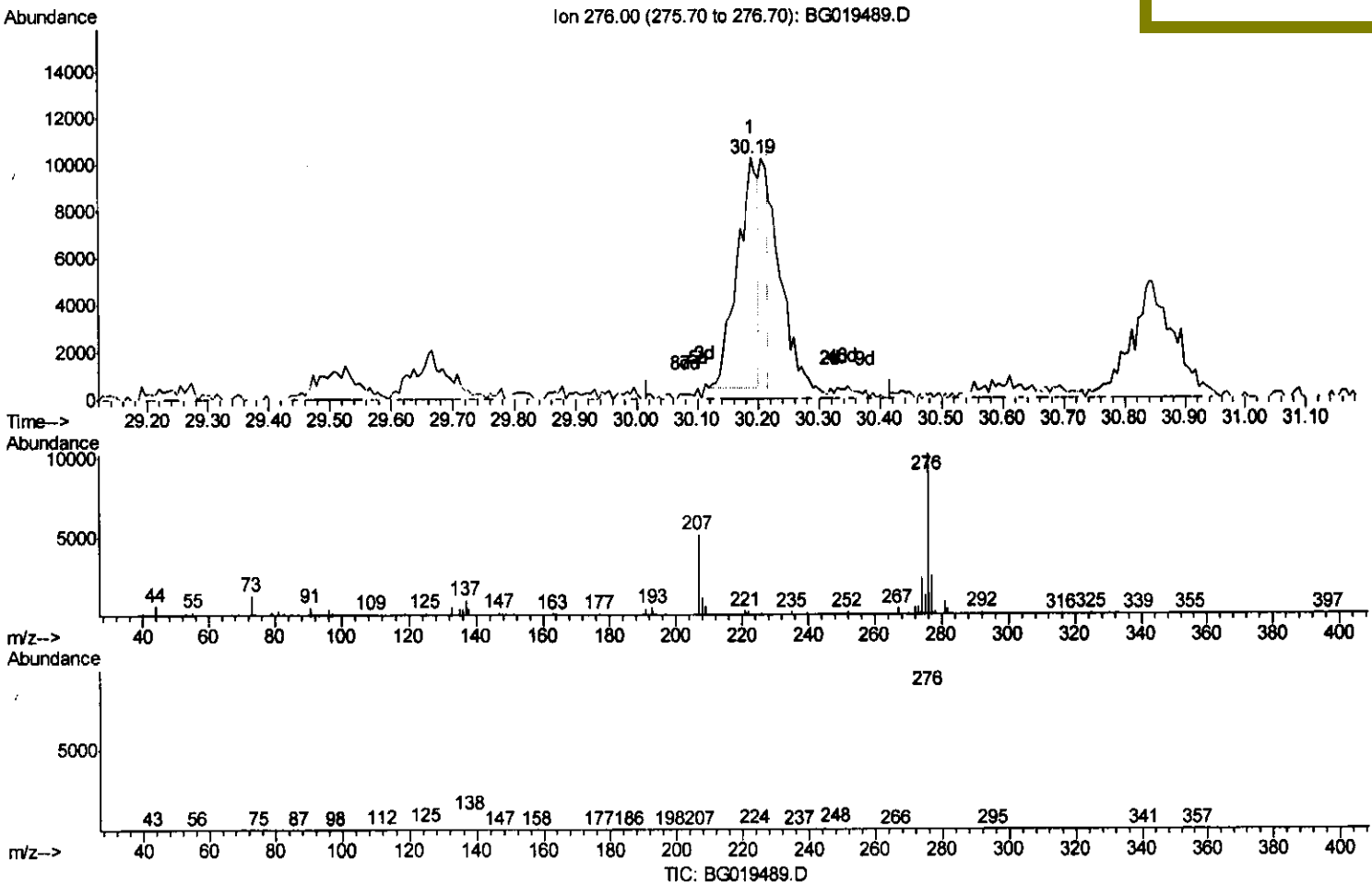
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 02:14:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 02:11:58 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AN8

Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:43:13 PM



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

30.189min (-0.028) 1.06ng/ul

response 23223

Ion	Exp%	Act%
276.00	100	100
138.00	7.00	5.83
277.00	20.00	25.04#
0.00	0.00	0.00

Quantitation Report (Qedit)

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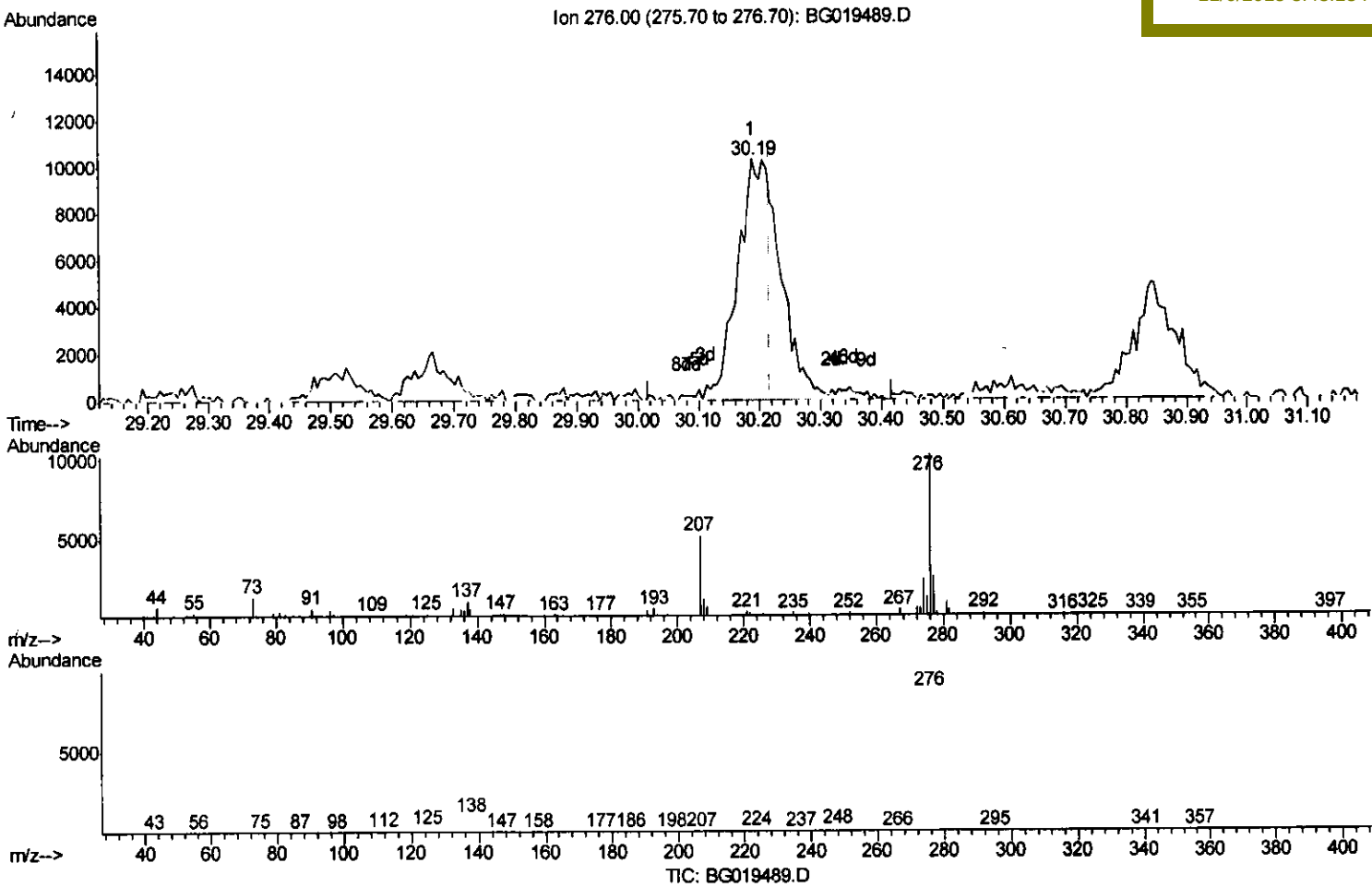
Data File : BG019489.D
Acq On : 5 Nov 2015 12:54
Operator : UM/NP
Sample : G4273-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 06 02:14:26 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 02:11:58 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C0AN8

Manual Integrations APPROVED
Mmdadoda
11/6/2015 3:43:13 PM



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

30.189min (-0.028) 2.28ng/ul m

response 50140

U.M 11/7/15

Ion	Exp%	Act%
276.00	100	100
138.00	7.00	5.83
277.00	20.00	25.04#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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QLast Update : Fri Nov 06 02:11:58 2015
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Instrument : BNA_G
ClientSampleId : C0AN8

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	36329	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	157035	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	127543	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	360529	20.00	ng/ul	0.00
78) Chrysene-d12	21.83	240	478968	20.00	ng/ul	0.00
86) Perylene-d12	25.18	264	454342	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	3435	4.53	ng/uL	0.00
5) Phenol-d5	7.33	99	92317	27.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	62038	29.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	54156	26.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	73761	27.77	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	28589	24.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	35191	25.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	73057	24.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	81688	27.17	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	268108	25.50	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	300523	25.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	42685	25.55	ng/ul	-0.01
58) Fluorene-d10	15.79	176	240821	24.75	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	48312	20.70	ng/ul	0.00
71) Anthracene-d10	17.64	188	421248	25.63	ng/ul	0.00
79) Pyrene-d10	19.92	212	512741	24.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.95	264	590161	25.88	ng/ul	0.00
Target Compounds						Qvalue
35) 1-Methylnaphthalene	12.86	142	6323	1.06	ng/ul#	76
45) Dimethylphthalate	14.25	163	115638	10.75	ng/ul	99
50) Acenaphthene	14.87	153	78921	9.80	ng/ul	97
54) Dibenzofuran	15.20	168	48032	4.05	ng/ul	91
59) Fluorene	15.85	166	98083	9.48	ng/ul	98
70) Phenanthrene	17.59	178	237190	13.04	ng/ul	99
72) Anthracene	17.69	178	146711	7.91	ng/ul	98
77) Fluoranthene	19.59	202	653870	27.76	ng/ul#	94
80) Pyrene	19.95	202	461224	17.16	ng/ul#	94
83) Benzo(a)anthracene	21.80	228	232595	8.34	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.69	149	20762	1.67	ng/ul#	99
85) Chrysene	21.87	228	179654	6.87	ng/ul	98
88) Benzo(b)fluoranthene	24.10	252	177037	6.61	ng/ul#	94
89) Benzo(k)fluoranthene	24.17	252	59580	2.31	ng/ul	99
91) Benzo(a)pyrene	25.01	252	131286	5.10	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	29.01	276	65910m	2.27	ng/ul	
94) Benzo(g,h,i)perylene	30.19	276	50140m	2.28	ng/ul	

U.M 11/7/15

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