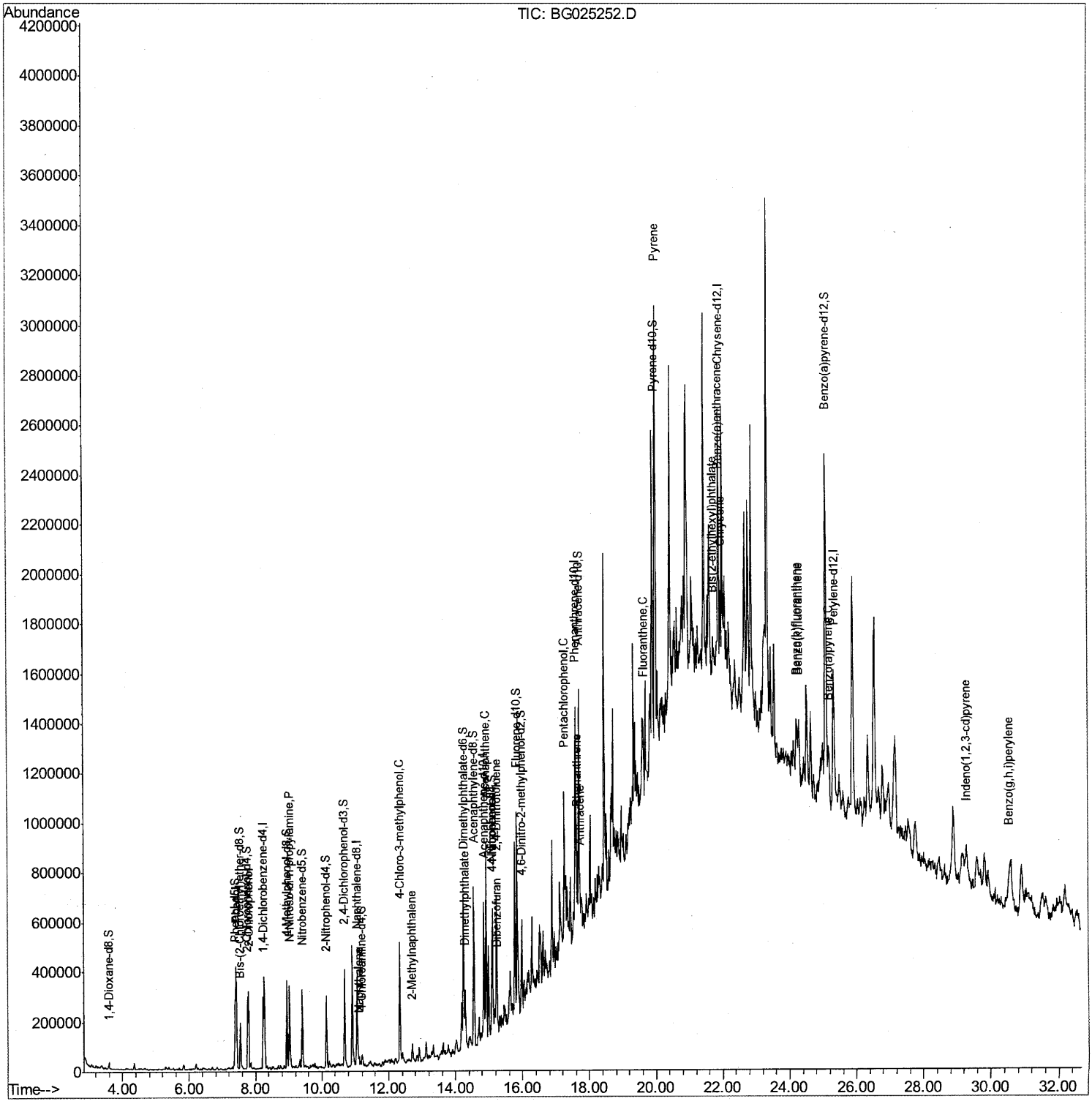
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025252.D
Acq On : 16 Dec 2016 23:53
Operator : UM/SJ
Sample : H6040-07MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 17 01:27:52 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA8W1MS

Manual Integrations APPROVED
umangi
12/20/2016 10:48:34 AM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025252.D
Acq On : 16 Dec 2016 23:53
Operator : UM/SJ
Sample : H6040-07MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 17 01:17:04 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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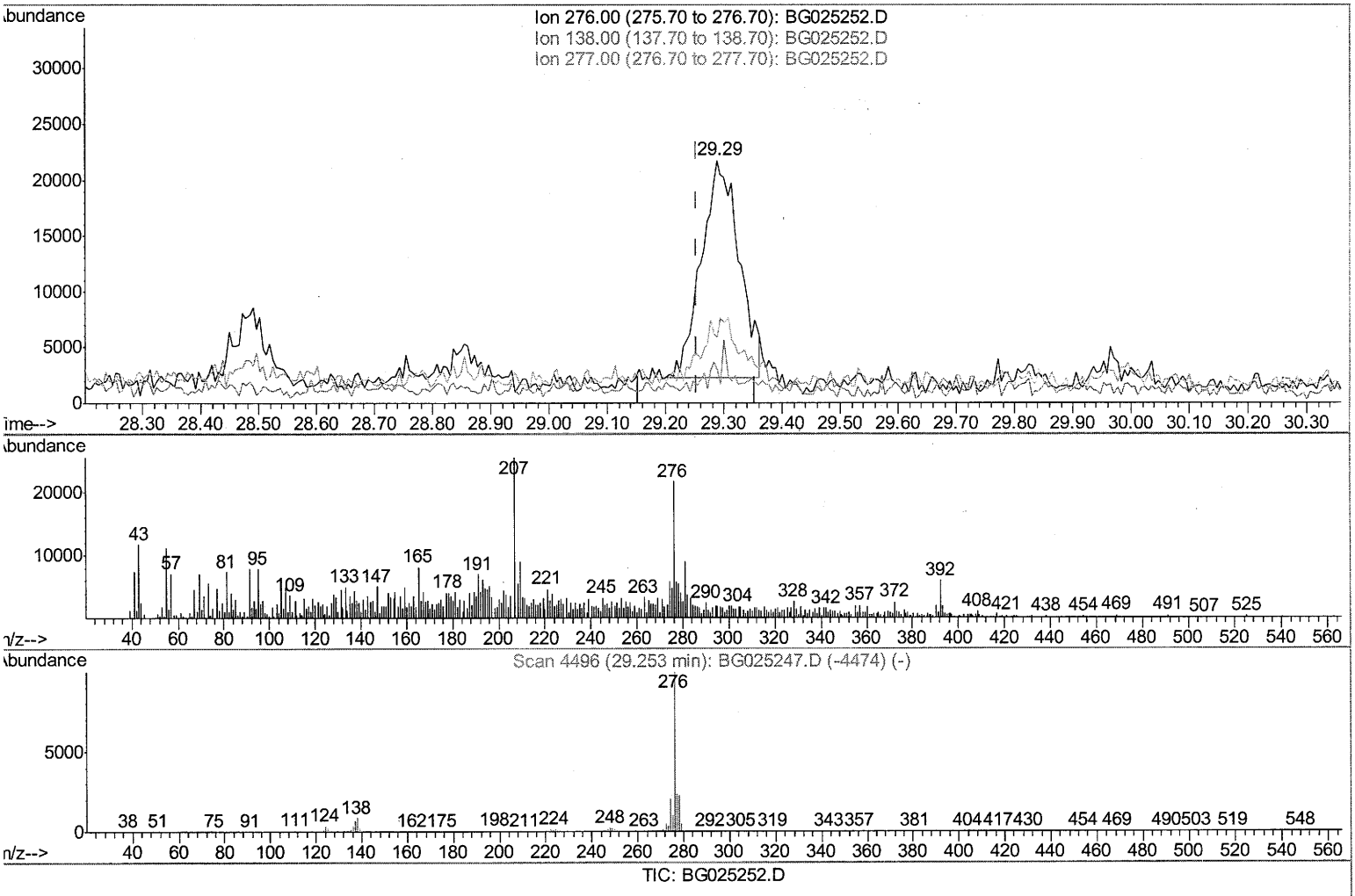

TIC: BG025252.D

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

29.289min (+0.036) 2.35ng/ul

response 86789

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	13.64#
277.00	23.30	27.26
0.00	0.00	0.00

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BNA_G
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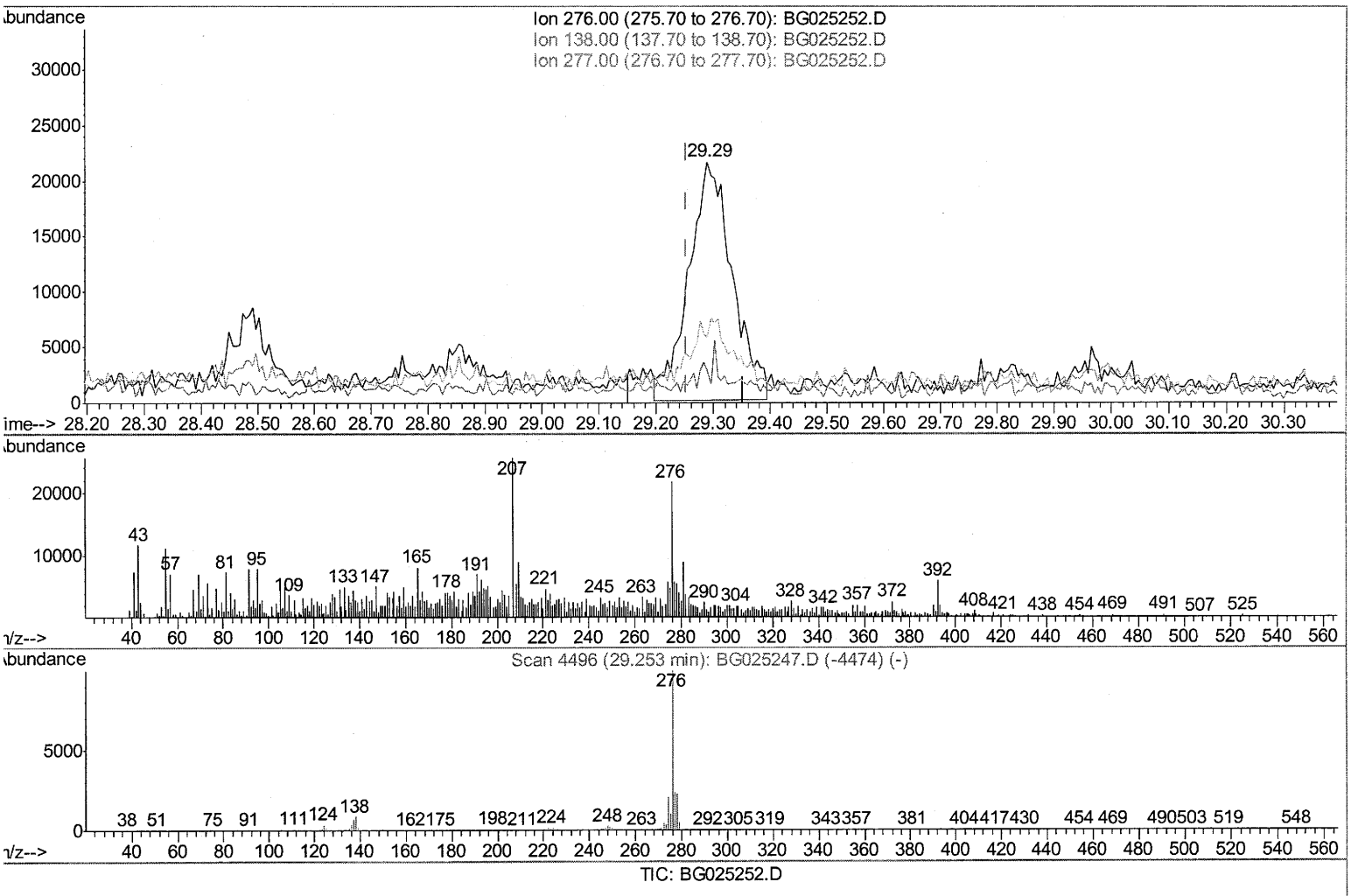
Manual Integrations APPROVED
umangi
12/20/2016 10:48:34 AM



TIC: BG025252.D

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

29.289min (+0.036) 3.07ng/ul m

response 113156

um
12/17/16

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	13.64#
277.00	23.30	27.26
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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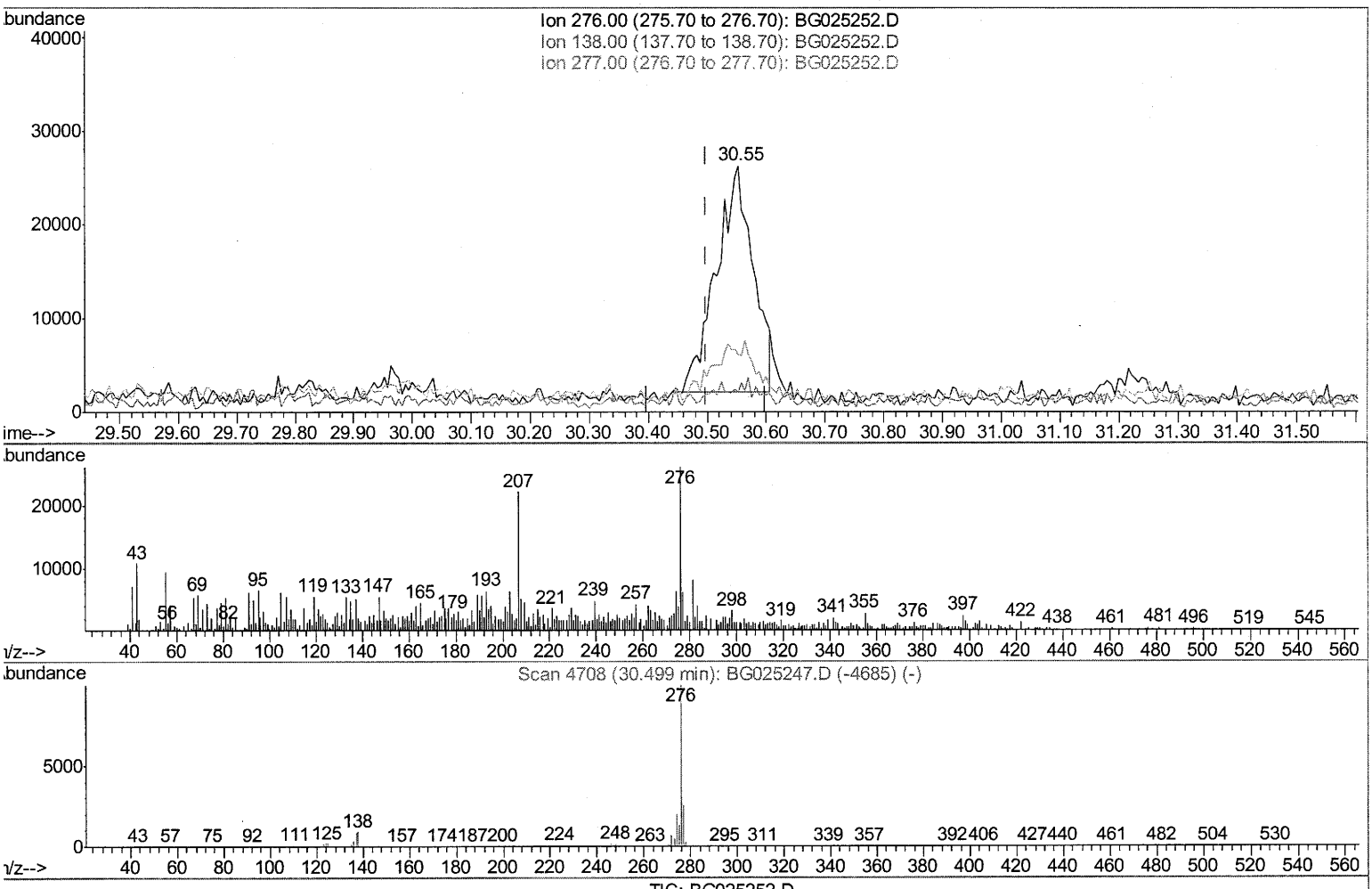
QLast Update : Sat Dec 17 00:22:48 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA8W1MS

Manual Integrations APPROVED
umangi
12/20/2016 10:48:34 AM



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

30.552min (+0.053) 3.40ng/ul

response 104799

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	8.31#
277.00	22.00	23.58
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
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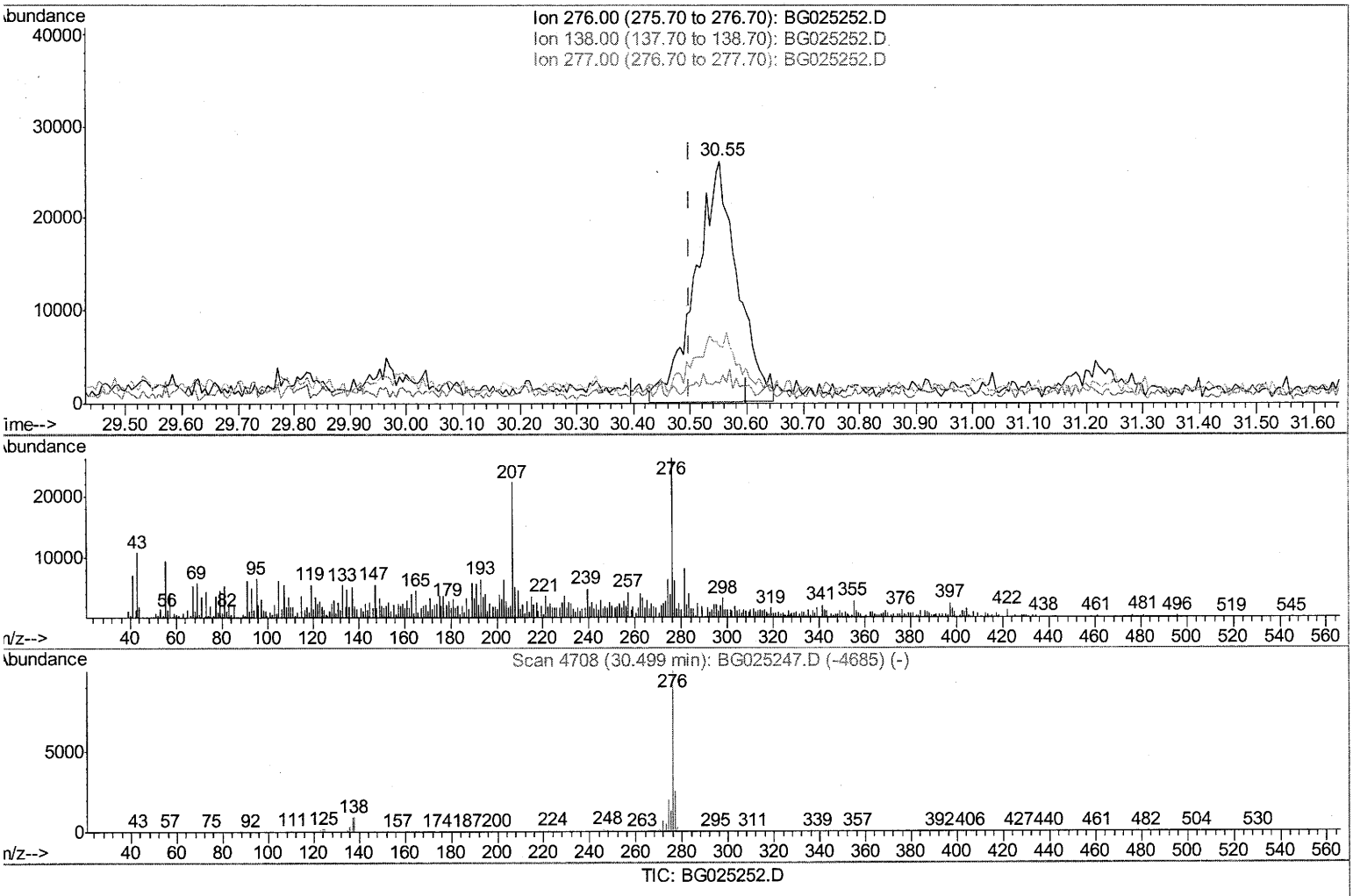
Instrument :
BNA_G
ClientSampleId :
DA8W1MS

Manual Integrations APPROVED
umangi
12/20/2016 10:48:34 AM



TIC: BG025252.D

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

30.552min (+0.053) 4.34ng/ul m UM

response 133697 12/17/16

Ion	Exp%	Act%
276.00	100	100
138.00	10.70	8.31#
277.00	22.00	23.58
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	74995	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	301953	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	217388	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	451358	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	598651	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	622755	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	5905	4.07	ng/uL	0.00
5) Phenol-d5	7.39	99	161073	24.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.54	67	96931	24.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	119758	26.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	135623	25.08	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	60826	28.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	76426	28.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	144122	28.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	24755	4.91	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	413587	27.66	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	479983	29.30	ng/ul	0.00
51) 4-Nitrophenol-d4	15.09	143	73831	28.73	ng/ul	0.02
57) Fluorene-d10	15.84	176	377709	26.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	92781	33.25	ng/ul	0.00
70) Anthracene-d10	17.70	188	599177	31.45	ng/ul	0.00
76) Pyrene-d10	19.98	212	685782	27.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	746871	29.60	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.42	94	203242	30.60	ng/ul	96
10) 2-Chlorophenol	7.80	128	121384	26.69	ng/ul#	82
15) N-Nitroso-di-n-propylamine	9.04	70	120001	25.25	ng/ul	90
28) Naphthalene	11.10	128	28290	2.02	ng/ul#	95
33) 4-Chloro-3-methylphenol	12.34	107	175344	28.58	ng/ul	96
34) 2-Methylnaphthalene	12.70	142	32784	2.96	ng/ul	89
44) Dimethylphthalate	14.29	163	126897	8.64	ng/ul	99
49) Acenaphthene	14.92	153	319994	29.33	ng/ul	97
52) 4-Nitrophenol	15.11	109	86230	27.90	ng/ul	98
53) Dibenzofuran	15.25	168	29609	1.72	ng/ul	97
54) 2,4-Dinitrotoluene	15.23	165	134988	28.37	ng/ul#	89
68) Pentachlorophenol	17.26	266	120757	35.03	ng/ul	93
69) Phenanthrene	17.64	178	207941	9.65	ng/ul	96
71) Anthracene	17.73	178	31396	1.42	ng/ul#	61
74) Fluoranthene	19.64	202	156083	6.10	ng/ul	98
77) Pyrene	20.01	202	1093107	37.98	ng/ul#	96
80) Benzo(a)anthracene	21.88	228	189914	6.11	ng/ul#	82
81) Bis(2-ethylhexyl)phthalate	21.73	149	44513	2.87	ng/ul#	70
82) Chrysene	21.95	228	272174	9.36	ng/ul#	84
85) Benzo(b)fluoranthene	24.24	252	191982	6.22	ng/ul#	85
86) Benzo(k)fluoranthene	24.30	252	54033	1.84	ng/ul#	74
88) Benzo(a)pyrene	25.18	252	163553	5.51	ng/ul	93
89) Indeno(1,2,3-cd)pyrene	29.29	276	113156m	3.07	ng/ul	

um 12/19/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(g,h,i)perylene	30.55	276	133697m	4.34	ng/ul	

UM12/17/16

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