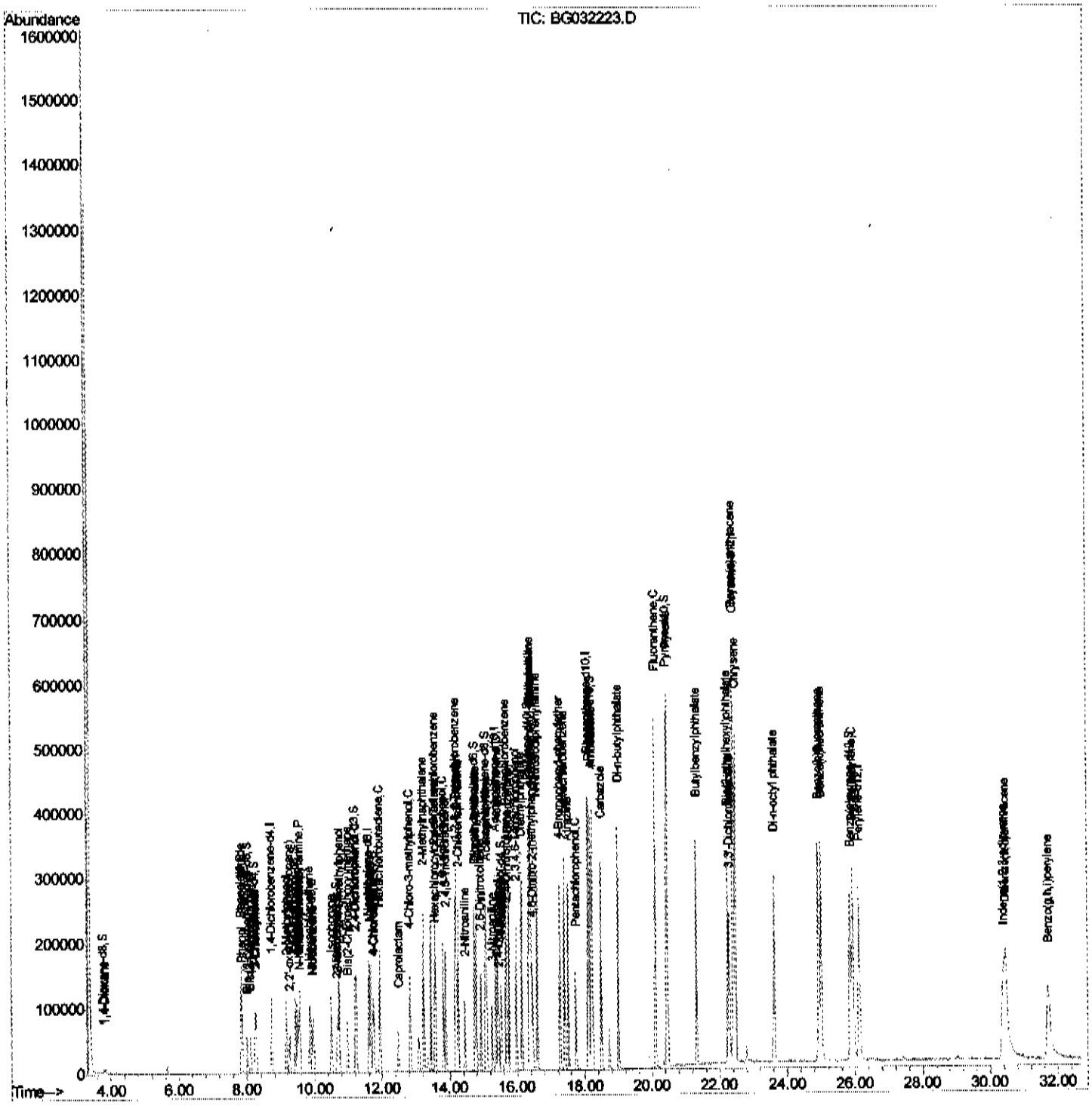
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012218\
Data File : BG032223.D
Acq On : 22 Jan 2018 22:38
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 23 07:04:37 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 17:12:25 2018
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02083

Manual Integrations APPROVED
Sohil
1/23/2018 5:08:57 PM



Quantitation Report (Qedit)

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Data File : BG032223.D
Acq On : 22 Jan 2018 22:38
Operator : SJ/JU
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Misc :
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Quant Time: Jan 23 04:49:28 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
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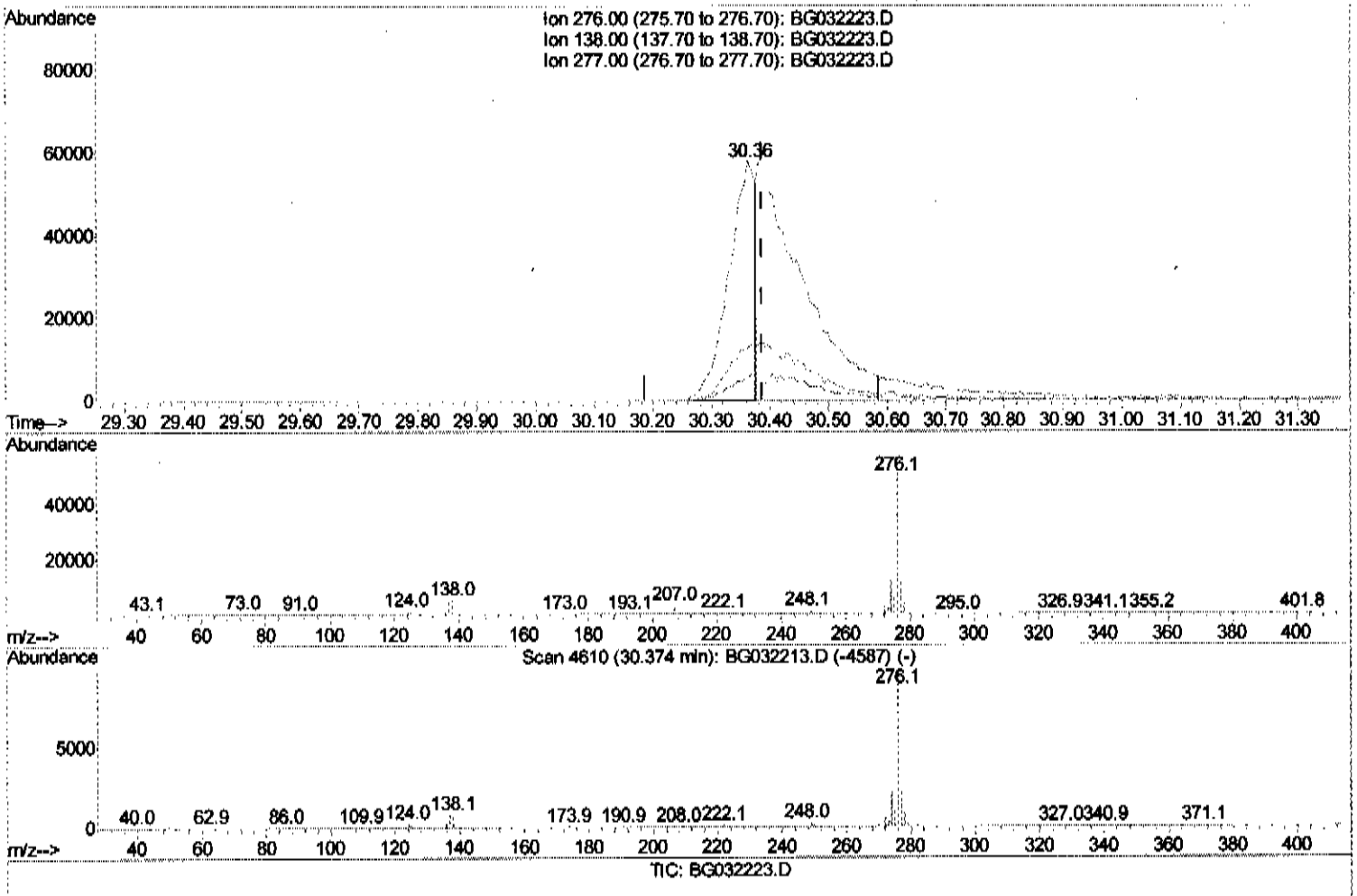

TIC: BG032223.D

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

30.363min (-0.023) 7.23ng/ul

response 178233

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	9.45#
277.00	23.60	22.06
0.00	0.00	0.00

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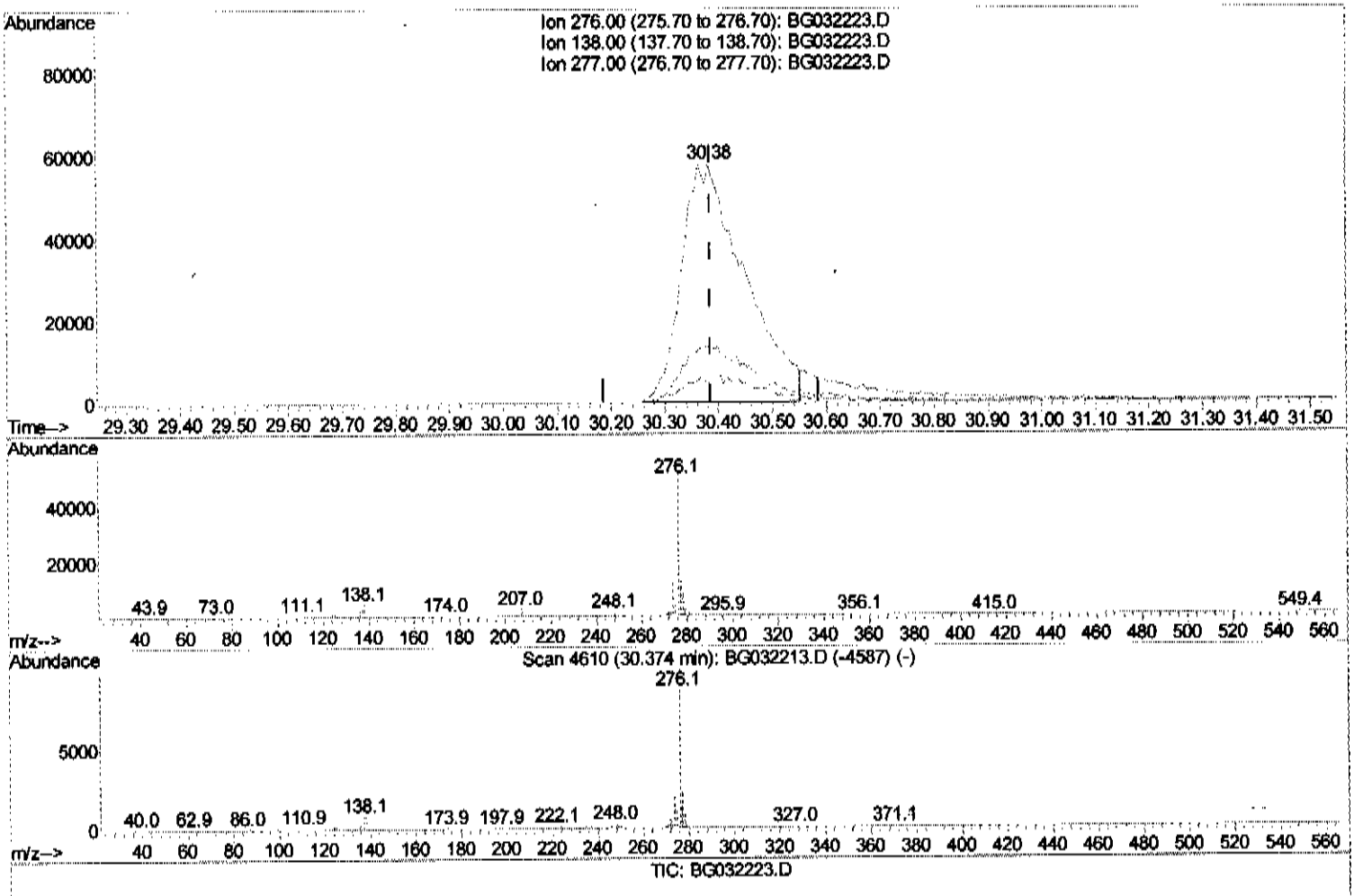

(91) Indeno(1,2,3-cd)pyrene

30.380min (-0.006) 19.16ng/ul m SJ 1/23/18

response 472401

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	8.19#
277.00	23.60	23.13
0.00	0.00	0.00

Quantitation Report (Qedit)

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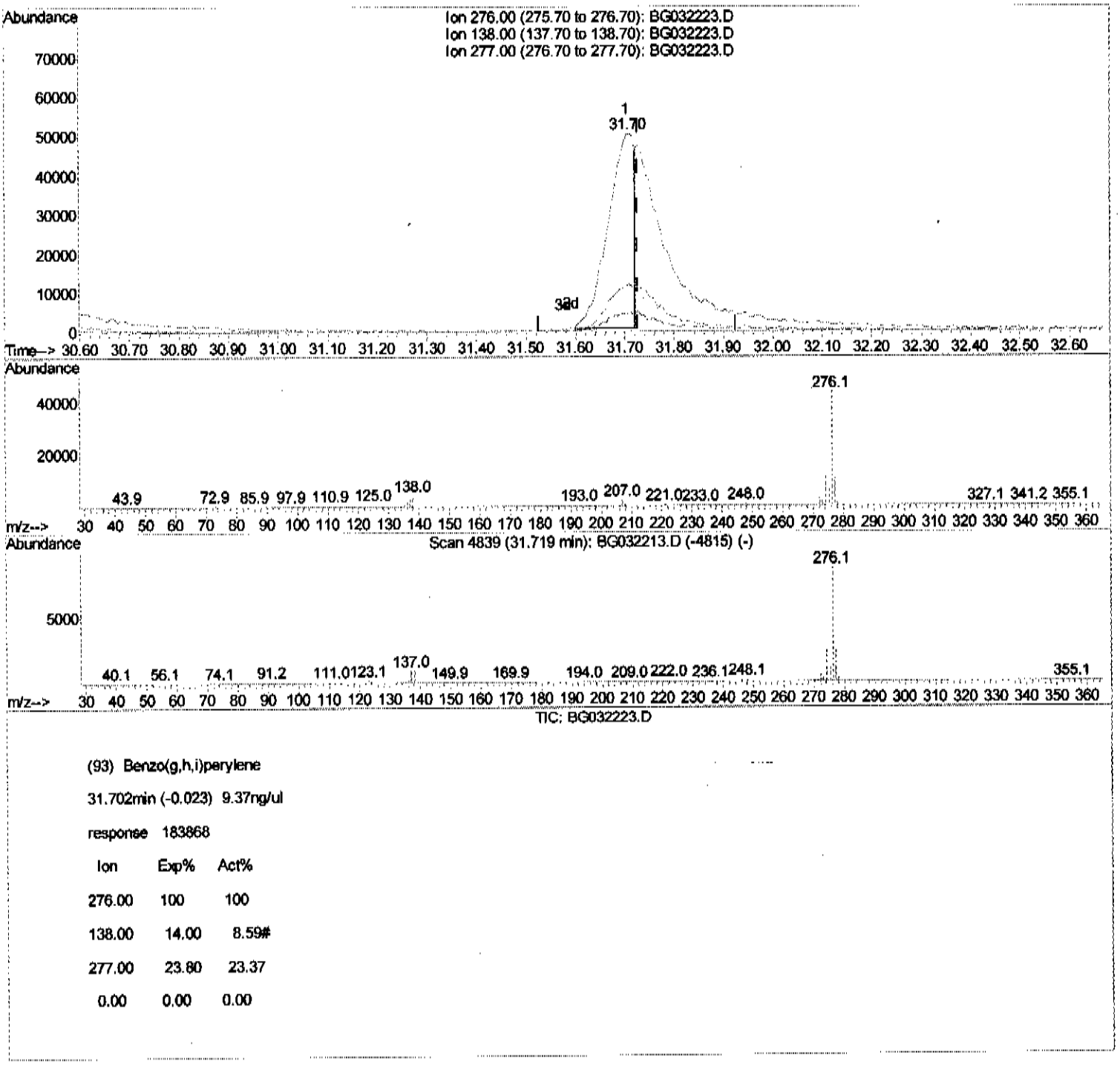
Data File : BG032223.D
Acq On : 22 Jan 2018 22:38
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 23 07:02:01 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 17:12:25 2018
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02083

Manual Integrations APPROVED
Sohil
1/23/2018 5:08:57 PM



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

31.702min (-0.023) 9.37ng/ul

response 183868

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	8.59#
277.00	23.80	23.37
0.00	0.00	0.00

Quantitation Report (Qedit)

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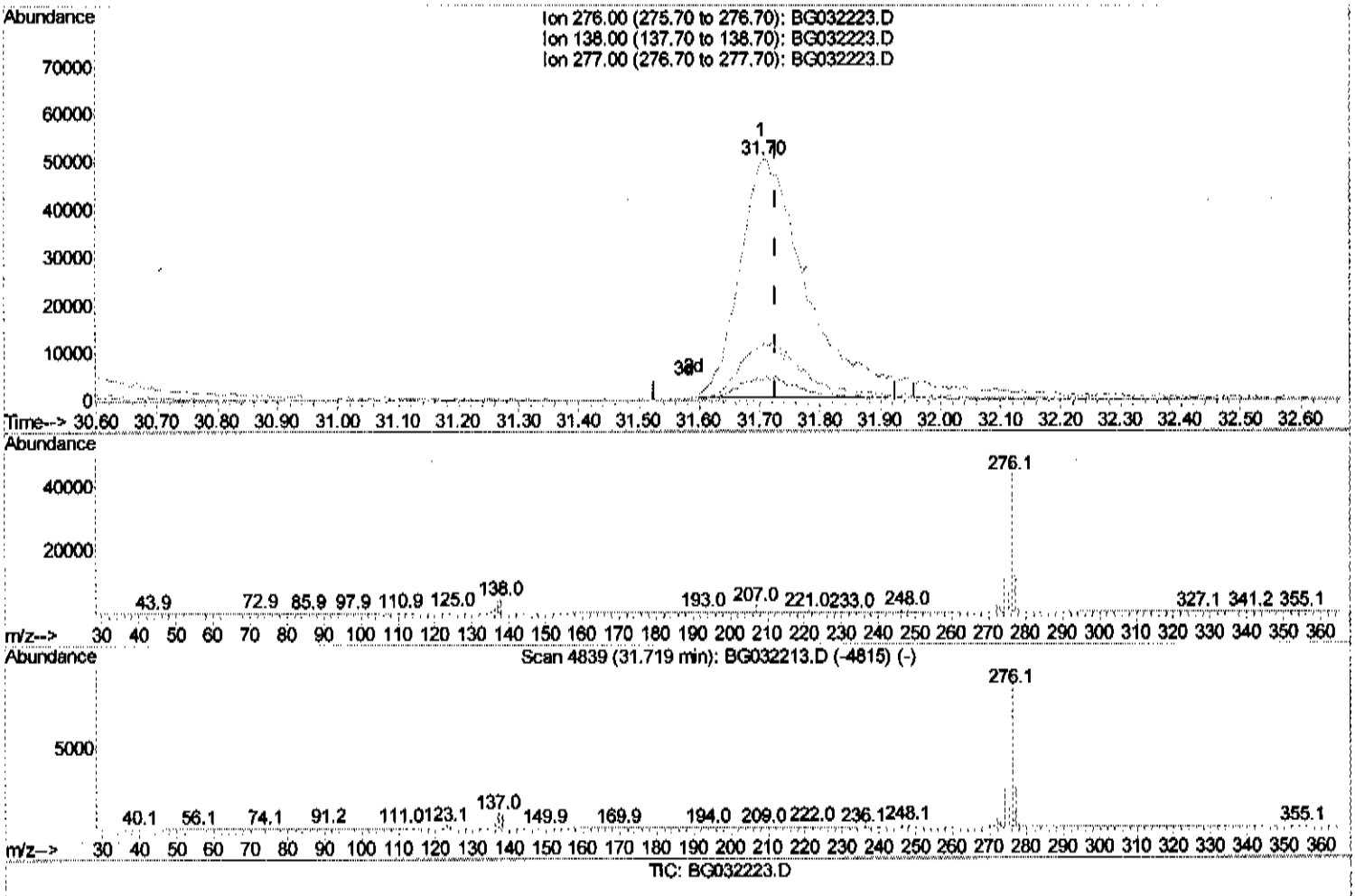
Manual Integrations APPROVED
Sohil
1/23/2018 5:08:57 PM



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

31.702min (-0.023) 19.86ng/ul m SJ 1/23/18

response 389817

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	8.59#
277.00	23.80	23.37
0.00	0.00	0.00

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Manual Integrations APPROVED
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1/23/2018 5:08:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	37648	20.00	ng/ul	0.00
18) Naphthalene-d8	11.61	136	163881	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.36	164	115006	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.09	188	280274	20.00	ng/ul	0.00
77) Chrysene-d12	22.43	240	358504	20.00	ng/ul	0.00
85) Perylene-d12	26.11	264	382137	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.78	96	4748	7.63	ng/uL	0.00
5) Phenol-d5	7.84	99	53498	20.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.01	67	24493	20.07	ng/ul	0.00
9) 2-Chlorophenol-d4	8.24	132	50836	21.06	ng/ul	0.00
13) 4-Methylphenol-d8	9.43	113	48139	20.49	ng/ul	0.00
19) Nitrobenzene-d5	9.92	128	22808	19.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	30147	21.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.21	165	63648	20.26	ng/ul	0.00
29) 4-Chloroaniline-d4	11.73	131	51443	23.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.74	166	190350	19.82	ng/ul	0.00
46) Acenaphthylene-d8	15.06	160	235423	20.00	ng/ul	0.00
51) 4-Nitrophenol-d4	15.52	143	24646	19.26	ng/ul	0.00
57) Fluorene-d10	16.34	176	182770	20.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.44	200	34935	20.20	ng/ul	0.00
70) Anthracene-d10	18.19	188	270943	20.10	ng/ul	0.00
78) Pyrene-d10	20.43	212	330744	19.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.85	264	345377	19.55	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.82	88	5147	7.286	ng/uL#	84
4) Benzaldehyde	7.82	77	32289	25.076	ng/ul#	80
6) Phenol	7.86	94	52193	20.585	ng/ul	90
8) Bis(2-Chloroethyl)ether	8.11	93	37900	21.259	ng/ul	88
10) 2-Chlorophenol	8.27	128	47077	20.646	ng/ul#	89
11) 2-Methylphenol	9.16	108	41459	20.545	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.26	45	36110	20.342	ng/ul#	89
14) Acetophenone	9.57	105	68653	20.863	ng/ul	94
15) N-Nitroso-di-n-propylamine	9.54	70	31297	20.377	ng/ul#	89
16) 4-Methylphenol	9.49	108	45966	20.809	ng/ul	99
17) Hexachloroethane	9.85	117	18201	20.222	ng/ul#	70
20) Nitrobenzene	9.96	77	47970	19.954	ng/ul#	89
21) Isophorone	10.49	82	86201	19.909	ng/ul#	88
23) 2-Nitrophenol	10.69	139	30416	20.714	ng/ul	96
24) 2,4-Dimethylphenol	10.73	107	58242	19.795	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.97	93	53754	19.576	ng/ul#	92
27) 2,4-Dichlorophenol	11.24	162	58653	19.826	ng/ul	96
28) Naphthalene	11.66	128	152918	20.454	ng/ul	99
30) 4-Chloroaniline	11.76	127	52282	24.595	ng/ul	96
31) Hexachlorobutadiene	11.93	225	53114	19.862	ng/ul	98
32) Caprolactam	12.48	113	16594	21.689	ng/ul#	61
33) 4-Chloro-3-methylphenol	12.82	107	54959	20.528	ng/ul	88
34) 2-Methylnaphthalene	13.22	142	129954	20.438	ng/ul	97

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Manual Integrations APPROVED
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1/23/2018 5:08:57 PM

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.58	216	102165	19.923 ng/ul	95
37) Hexachlorocyclopentadiene	13.55	237	37915	17.137 ng/ul#	96
38) 2,4,6-Trichlorophenol	13.81	196	58635	19.794 ng/ul	98
39) 2,4,5-Trichlorophenol	13.87	196	61523	20.120 ng/ul	97
40) 1,1'-Biphenyl	14.20	154	178807	19.701 ng/ul#	97
41) 2-Chloronaphthalene	14.25	162	144067	19.797 ng/ul	98
42) 2-Nitroaniline	14.44	65	29243	20.122 ng/ul	90
44) Dimethylphthalate	14.79	163	186590	20.246 ng/ul	98
45) 2,6-Dinitrotoluene	14.92	165	40070	21.297 ng/ul#	89
47) Acenaphthylene	15.09	152	205880	20.058 ng/ul	97
48) 3-Nitroaniline	15.25	138	29744	21.656 ng/ul	84
49) Acenaphthene	15.43	153	150442	20.081 ng/ul	94
50) 2,4-Dinitrophenol	15.45	184	13899	14.291 ng/ul#	56
52) 4-Nitrophenol	15.53	109	23118	19.593 ng/ul	87
53) Dibenzofuran	15.76	168	225291	19.965 ng/ul	95
54) 2,4-Dinitrotoluene	15.70	165	55030	20.227 ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.97	232	59816	20.444 ng/ul#	94
56) Diethylphthalate	16.13	149	176815	20.272 ng/ul	99
58) Fluorene	16.40	166	181471	20.285 ng/ul	97
59) 4-Chlorophenyl-phenylether	16.37	204	114217	20.224 ng/ul	97
60) 4-Nitroaniline	16.40	138	32951	20.811 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	16.45	198	35326	19.600 ng/ul#	91
64) N-Nitrosodiphenylamine	16.58	169	158037	19.831 ng/ul	97
65) 4-Bromophenyl-phenylether	17.27	248	78700	19.500 ng/ul	95
66) Hexachlorobenzene	17.40	284	80505	19.207 ng/ul	99
67) Atrazine	17.51	200	71995	20.093 ng/ul	94
68) Pentachlorophenol	17.74	266	36951	17.677 ng/ul	98
69) Phenanthrene	18.14	178	296013	20.070 ng/ul	99
71) Anthracene	18.23	178	304968	20.150 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	14.18	216	103534	19.396 ng/uL	99
73) Pentachlorobenzene	15.67	250	107805	19.212 ng/uL	98
74) Carbazole	18.48	167	243724	20.780 ng/ul	98
75) Di-n-butylphthalate	18.99	149	280826	20.305 ng/ul	100
76) Fluoranthene	20.10	202	397455	21.847 ng/ul#	91
79) Pyrene	20.46	202	401473	19.838 ng/ul#	90
80) Butylbenzylphthalate	21.31	149	130019	19.723 ng/ul#	87
81) 3,3'-Dichlorobenzidine	22.30	252	117071	20.425 ng/ul#	98
82) Benzo(a)anthracene	22.40	228	437353	20.182 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	22.24	149	185891	19.869 ng/ul#	94
84) Chrysene	22.48	228	396693	20.168 ng/ul	99
86) Di-n-octyl phthalate	23.62	149	317032	19.892 ng/ul	100
87) Benzo(b)fluoranthene	24.93	252	449795	19.923 ng/ul#	99
88) Benzo(k)fluoranthene	25.00	252	440413	19.858 ng/ul#	97
90) Benzo(a)pyrene	25.93	252	426314	19.564 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	30.38	276	472401m	19.158 ng/ul	
92) Dibenzo(a,h)anthracene	30.45	278	354499	17.572 ng/ul#	95
93) Benzo(g,h,i)perylene	31.70	276	389817m	19.860 ng/ul	

SJ 1/23/18
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(#) = qualifier out of range (m) = manual integration (+) = signals summed