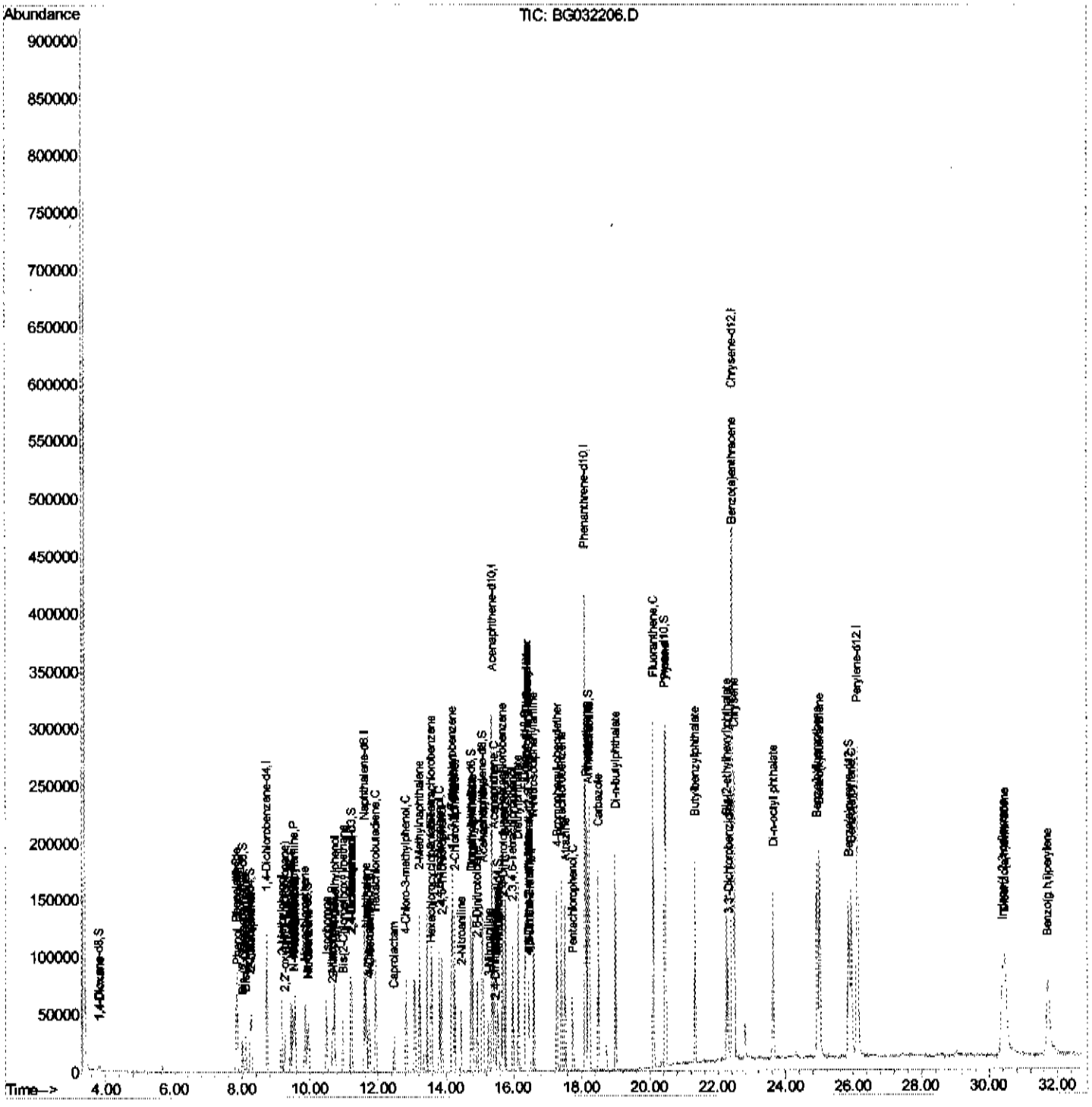
Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA_G\Data\BG012218\
Data File : BG032206.D
Acq On : 22 Jan 2018 11:01
Operator : SJ/JU
Sample : SSTD01075
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 22 13:00:00 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 12:46:57 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD01075

Manual Integrations APPROVED
Sohil
1/23/2018 5:08:25 PM



Quantitation Report (Qedit)

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Data File : BG032206.D
Acq On : 22 Jan 2018 11:01
Operator : SJ/JU
Sample : SSTD01075
Misc :
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Quant Time: Jan 22 12:57:52 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
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Instrument :
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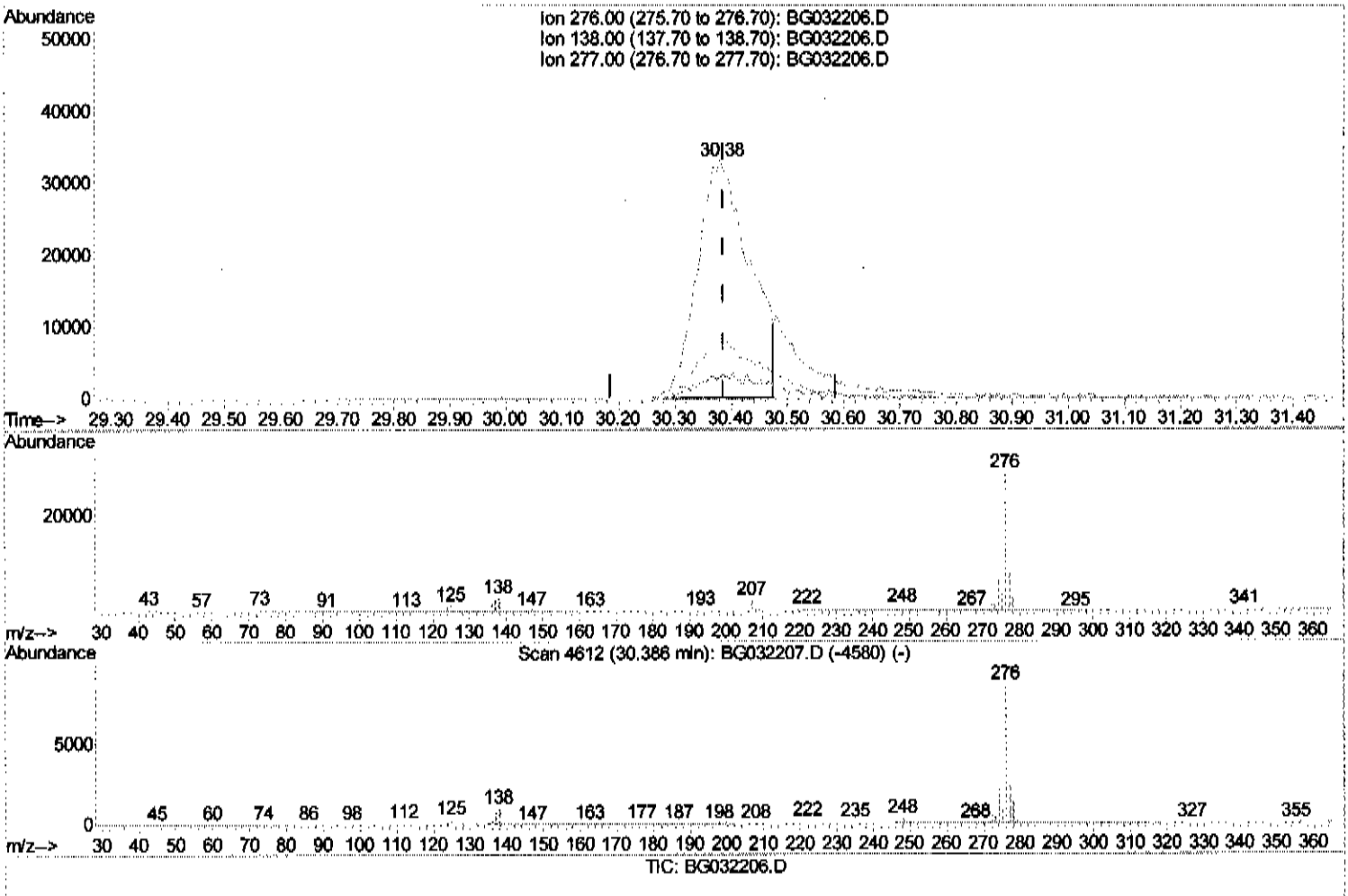

(91) Indeno(1,2,3-cd)pyrene

30.380min (-0.006) 8.54ng/ul

response 213579

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	9.25#
277.00	23.60	24.58
0.00	0.00	0.00

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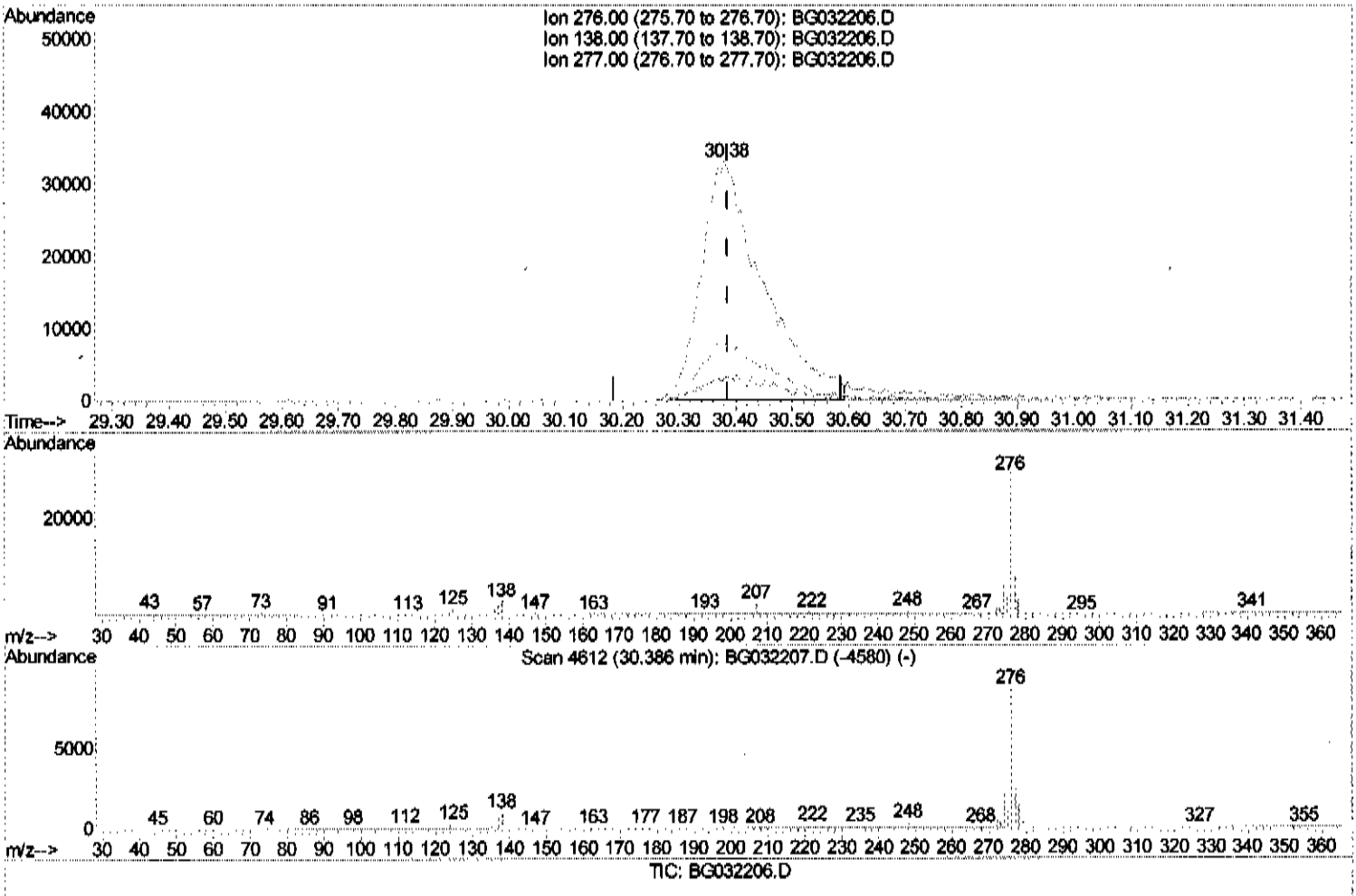

TIC: BG032206.D

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

30.380min (-0.006) 10.05ng/ul m SJ 1/23/18

response 251166

Ion	Exp%	Act%
276.00	100	100
138.00	13.60	9.25#
277.00	23.60	24.58
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : SSTD01075
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 22 12:57:52 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 22 12:46:57 2018
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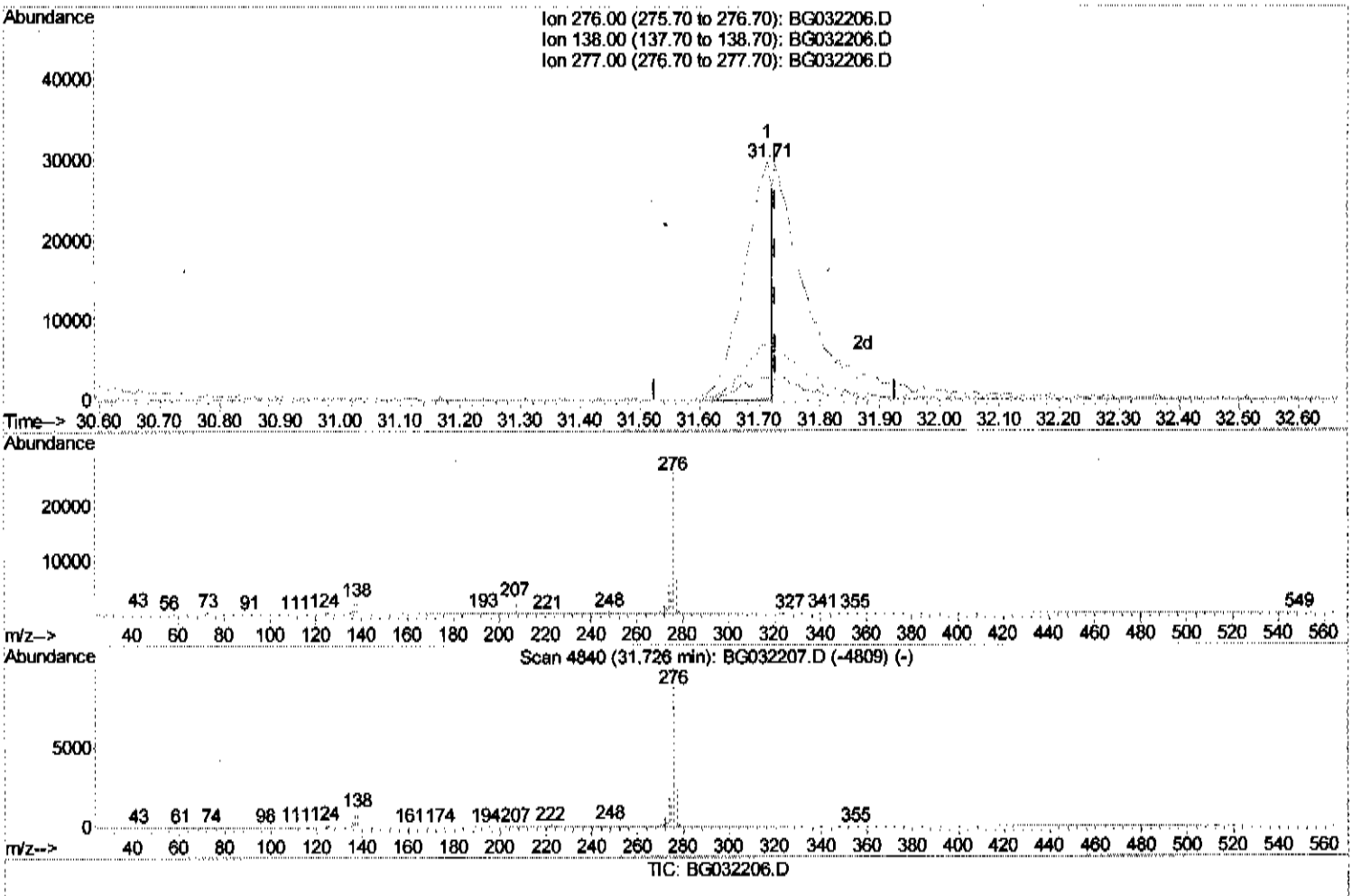
Instrument :
BNA_G
ClientSampleId :
SSTD01075

Manual Integrations APPROVED
Sohil
1/23/2018 5:08:25 PM



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

31.714min (-0.012) 4.58ng/ul

response 94841

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	8.91#
277.00	23.80	23.46
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sohil
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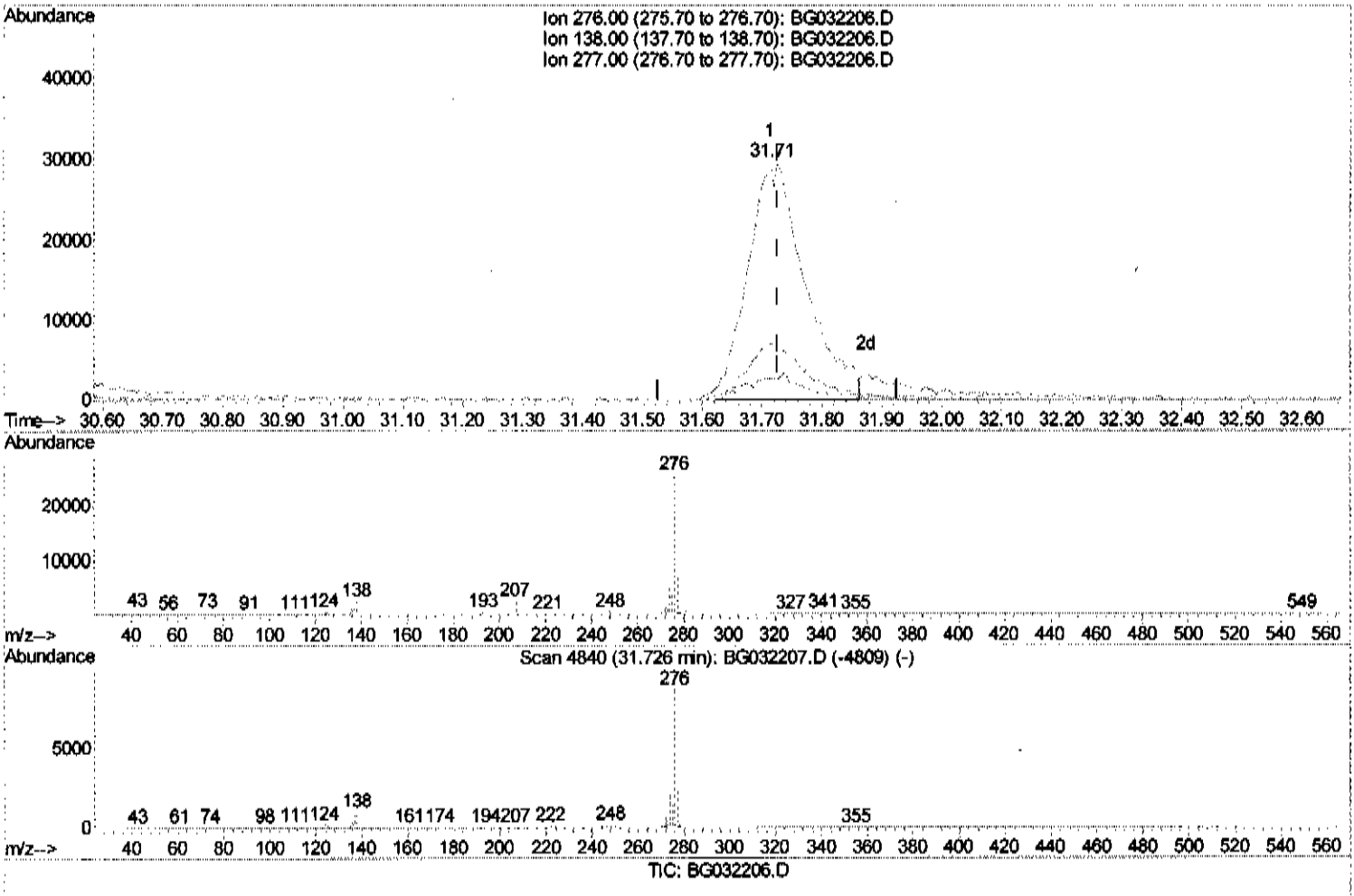

TIC: BG032206.D

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

31.714min (-0.012) 9.63ng/ul m SJ 1/23/18

response 199454

Ion	Exp%	Act%
276.00	100	100
138.00	14.00	8.91#
277.00	23.80	23.46
0.00	0.00	0.00

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Manual Integrations APPROVED
Sohil
1/23/2018 5:08:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	39585	20.00	ng/ul	0.00
18) Naphthalene-d8	11.61	136	176865	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.36	164	122489	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.10	188	292810	20.00	ng/ul	0.00
77) Chrysene-d12	22.43	240	364065	20.00	ng/ul	0.00
85) Perylene-d12	26.12	264	384490	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.78	96	3233	5.29	ng/uL	0.00
5) Phenol-d5	7.84	99	28894	9.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.01	67	13273	8.88	ng/ul	0.00
9) 2-Chlorophenol-d4	8.24	132	26425	10.48	ng/ul	0.00
13) 4-Methylphenol-d8	9.43	113	27532	10.32	ng/ul	0.00
19) Nitrobenzene-d5	9.92	128	12074	9.77	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	15511	9.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.21	165	34090	11.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.73	131	20993	6.72	ng/ul	0.00
43) Dimethylphthalate-d6	14.74	166	105722	9.54	ng/ul	0.00
46) Acenaphthylene-d8	15.06	160	128054	10.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.51	143	11153	6.70	ng/ul	0.00
57) Fluorene-d10	16.34	176	96197	9.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.44	200	13445	6.45	ng/ul	0.00
70) Anthracene-d10	18.19	188	141994	10.13	ng/ul	0.00
78) Pyrene-d10	20.43	212	173194	10.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.86	264	175595	9.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.83	88	2693	4.112	ng/uL#	80
4) Benzaldehyde	7.83	77	18372	12.417	ng/ul#	78
6) Phenol	7.87	94	28734	9.908	ng/ul	92
8) Bis(2-Chloroethyl)ether	8.11	93	21100	10.279	ng/ul	88
10) 2-Chlorophenol	8.27	128	24930	10.737	ng/ul#	86
11) 2-Methylphenol	9.16	108	22499	9.951	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.26	45	20538	7.622	ng/ul#	84
14) Acetophenone	9.56	105	37335	9.628	ng/ul	92
15) N-Nitroso-di-n-propylamine	9.54	70	17506	9.617	ng/ul#	95
16) 4-Methylphenol	9.49	108	25744	10.263	ng/ul	91
17) Hexachloroethane	9.85	117	10160	10.937	ng/ul#	81
20) Nitrobenzene	9.96	77	25974	9.784	ng/ul#	90
21) Isophorone	10.49	82	47672	9.397	ng/ul	95
23) 2-Nitrophenol	10.70	139	16234	10.700	ng/ul	92
24) 2,4-Dimethylphenol	10.73	107	31622	10.421	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.97	93	29454	9.995	ng/ul#	96
27) 2,4-Dichlorophenol	11.24	162	32634	11.052	ng/ul	97
28) Naphthalene	11.65	128	82177	10.294	ng/ul	97
30) 4-Chloroaniline	11.75	127	20558	6.911	ng/ul	97
31) Hexachlorobutadiene	11.93	225	28964	11.337	ng/ul	99
32) Caprolactam	12.47	113	7591	8.010	ng/ul#	74
33) 4-Chloro-3-methylphenol	12.82	107	28241	9.815	ng/ul#	83
34) 2-Methylnaphthalene	13.22	142	71015	10.308	ng/ul	93

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Manual Integrations APPROVED
Sohil
1/23/2018 5:08:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.58	216	57471	12.179	ng/ul#	92
37) Hexachlorocyclopentadiene	13.55	237	16493	5.961	ng/ul	100
38) 2,4,6-Trichlorophenol	13.81	196	31623	11.228	ng/ul	95
39) 2,4,5-Trichlorophenol	13.88	196	31360	10.480	ng/ul	96
40) 1,1'-Biphenyl	14.20	154	100275	11.263	ng/ul#	98
41) 2-Chloronaphthalene	14.25	162	79038	11.007	ng/ul	96
42) 2-Nitroaniline	14.45	65	14955	8.837	ng/ul	93
44) Dimethylphthalate	14.79	163	102745	10.117	ng/ul	98
45) 2,6-Dinitrotoluene	14.92	165	19622	9.625	ng/ul	87
47) Acenaphthylene	15.09	152	111704	9.828	ng/ul	100
48) 3-Nitroaniline	15.25	138	12789	7.548	ng/ul	84
49) Acenaphthene	15.43	153	80491	10.342	ng/ul	98
50) 2,4-Dinitrophenol	15.46	184	3989	3.065	ng/ul#	65
52) 4-Nitrophenol	15.53	109	10950	8.085	ng/ul#	77
53) Dibenzofuran	15.76	168	124790	10.546	ng/ul	97
54) 2,4-Dinitrotoluene	15.70	165	28741	9.440	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.97	232	30627	9.611	ng/ul#	91
56) Diethylphthalate	16.13	149	95418	8.949	ng/ul	98
58) Fluorene	16.40	166	100449	9.784	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.38	204	62654	10.217	ng/ul	98
60) 4-Nitroaniline	16.40	138	15698	7.801	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.46	198	13386	6.700	ng/ul#	95
64) N-Nitrosodiphenylamine	16.58	169	85809	11.610	ng/ul	93
65) 4-Bromophenyl-phenylether	17.27	248	42815	11.372	ng/ul	93
66) Hexachlorobenzene	17.40	284	44711	10.442	ng/ul	97
67) Atrazine	17.51	200	38038	10.787	ng/ul	91
68) Pentachlorophenol	17.74	266	15759	7.050	ng/ul	95
69) Phenanthrene	18.14	178	155958	10.713	ng/ul	98
71) Anthracene	18.23	178	161866	10.679	ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	14.18	216	57018	13.961	ng/uL	94
73) Pentachlorobenzene	15.67	250	60772	10.013	ng/uL	94
74) Carbazole	18.49	167	128120	10.322	ng/ul	100
75) Di-n-butylphthalate	19.00	149	145088	10.527	ng/ul	99
76) Fluoranthene	20.10	202	209646	11.268	ng/ul#	92
79) Pyrene	20.46	202	211830	11.210	ng/ul#	90
80) Butylbenzylphthalate	21.32	149	66559	11.853	ng/ul#	84
81) 3,3'-Dichlorobenzidine	22.30	252	45146	6.778	ng/ul	93
82) Benzo(a)anthracene	22.41	228	224290	11.598	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	22.25	149	95755	11.656	ng/ul	99
84) Chrysene	22.48	228	205490	11.616	ng/ul	98
86) Di-n-octyl phthalate	23.62	149	162085	10.695	ng/ul	100
87) Benzo(b)fluoranthene	24.93	252	228242	10.663	ng/ul#	98
88) Benzo(k)fluoranthene	25.00	252	227625	10.908	ng/ul#	97
90) Benzo(a)pyrene	25.94	252	220887	10.724	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	30.38	276	251166m	10.049	ng/ul	
92) Dibenzo(a,h)anthracene	30.46	278	188847	8.809	ng/ul#	94
93) Benzo(g,h,i)perylene	31.71	276	199454m	9.625	ng/ul	

SJ 1/23/18
SJ 1/23/18

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