Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030716\
Data File : BG021346.D
Acq On : 7 Mar 2016 19:20
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 08 00:43:31 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 07 23:58:06 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02018

Manual Integrations APPROVED
Sohil
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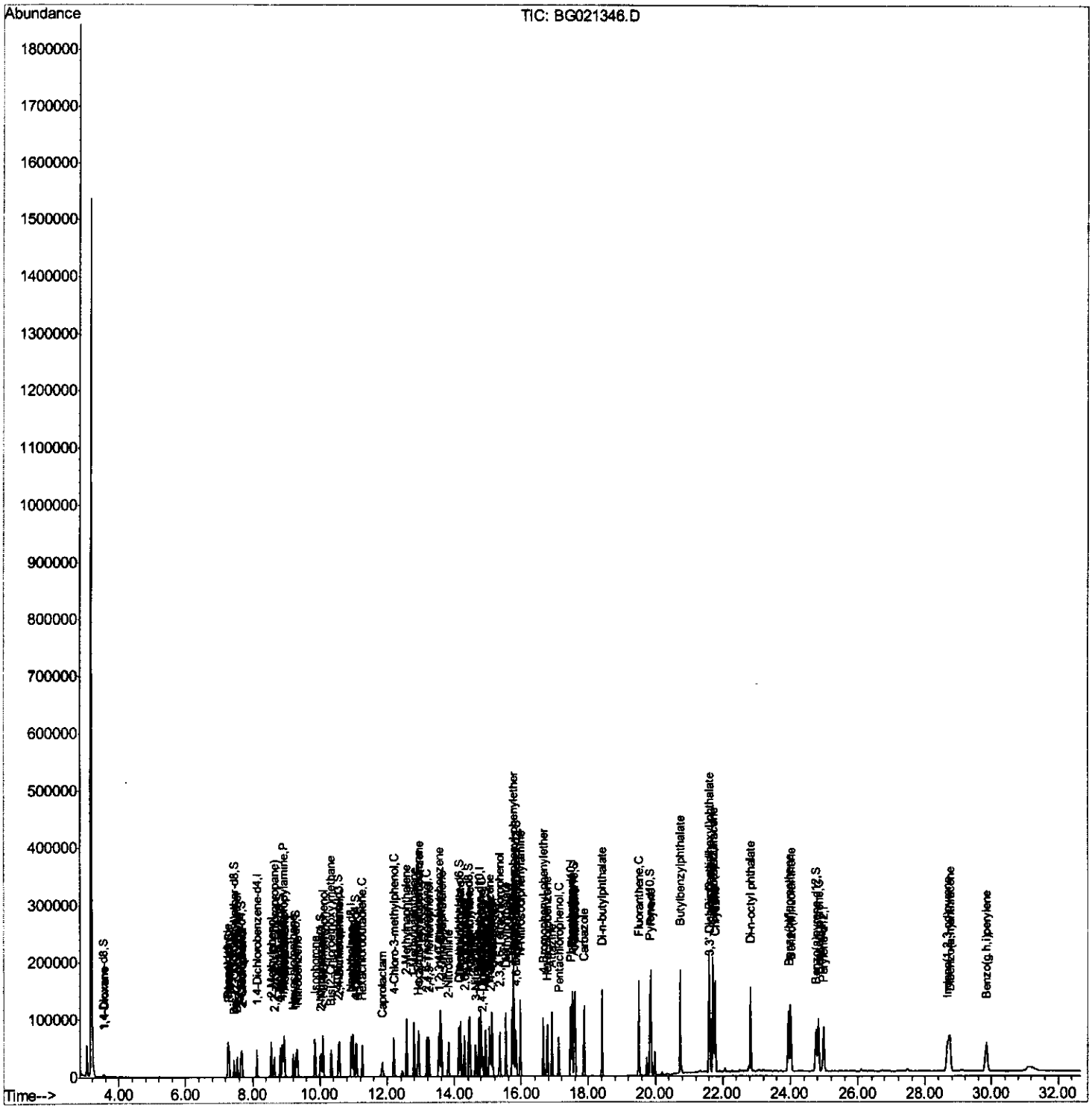

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3/8/2016 2:43:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	40235	19.30 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	21665	19.80 ng/ul	93
38) Hexachlorocyclopentadiene	12.91	237	12154	16.52 ng/ul	98
39) 2,4,6-Trichlorophenol	13.17	196	14825	19.96 ng/ul	98
40) 2,4,5-Trichlorophenol	13.24	196	15882	19.93 ng/ul	98
41) 1,1'-Biphenyl	13.57	154	54598	19.62 ng/ul	98
42) 2-Chloronaphthalene	13.62	162	42277	19.93 ng/ul	99
43) 2-Nitroaniline	13.82	65	19072	20.90 ng/ul	94
45) Dimethylphthalate	14.18	163	54879	19.00 ng/ul	99
46) 2,6-Dinitrotoluene	14.31	165	11733	19.87 ng/ul	97
48) Acenaphthylene	14.46	152	68139	19.69 ng/ul	99
49) 3-Nitroaniline	14.64	138	10706	18.09 ng/ul#	96
50) Acenaphthene	14.80	153	47290	19.91 ng/ul	96
51) 2,4-Dinitrophenol	14.84	184	6651	16.37 ng/ul	93
53) 4-Nitrophenol	14.93	109	12522	19.79 ng/ul	89
54) Dibenzofuran	15.13	168	62831	19.46 ng/ul	96
55) 2,4-Dinitrotoluene	15.09	165	17113	19.55 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.35	232	13358	18.92 ng/ul	97
57) Diethylphthalate	15.53	149	58973	18.58 ng/ul	97
59) Fluorene	15.77	166	54006	19.21 ng/ul	94
60) 4-Chlorophenyl-phenylether	15.76	204	27152	19.24 ng/ul	99
61) 4-Nitroaniline	15.79	138	10735	15.23 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.85	198	9869	17.30 ng/ul#	96
65) N-Nitrosodiphenylamine	15.98	169	47584	19.63 ng/ul	99
66) 4-Bromophenyl-phenylether	16.66	248	15656	19.09 ng/ul	98
67) Hexachlorobenzene	16.77	284	15910	19.75 ng/ul	95
68) Atrazine	16.91	200	17939	19.57 ng/ul	96
69) Pentachlorophenol	17.11	266	10118	18.28 ng/ul#	87
70) Phenanthrene	17.51	178	84781	19.17 ng/ul	99
72) Anthracene	17.60	178	87432	19.58 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	19711	19.77 ng/uL#	89
74) Pentachlorobenzene	15.05	250	19531	19.70 ng/uL	96
75) Carbazole	17.87	167	75888	19.44 ng/ul	99
76) Di-n-butylphthalate	18.41	149	101949	19.29 ng/ul	100
77) Fluoranthene	19.51	202	99577	19.24 ng/ul	98
80) Pyrene	19.87	202	103848	19.06 ng/ul	98
81) Butylbenzylphthalate	20.74	149	48226	19.51 ng/ul	92
82) 3,3'-Dichlorobenzidine	21.62	252	32096	17.86 ng/ul#	95
83) Benzo(a)anthracene	21.71	228	101891	19.33 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	72416	19.71 ng/ul	98
85) Chrysene	21.77	228	95432	19.40 ng/ul	99
87) Di-n-octyl phthalate	22.82	149	124087	19.71 ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	98804	18.91 ng/ul	98
89) Benzo(k)fluoranthene	24.01	252	97072	19.26 ng/ul	98
91) Benzo(a)pyrene	24.83	252	97216	19.28 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.67	276	105303m	19.21 ng/ul	
93) Dibenzo(a,h)anthracene	28.75	278	90814	19.19 ng/ul	98
94) Benzo(g,h,i)perylene	29.85	276	87364	19.09 ng/ul	100

U.M 03/11/16

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Manual Integrations APPROVED
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3/8/2016 2:43:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	11468	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	54798	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	32034	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	73506	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	81310	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	75459	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	2046	7.25	ng/uL	0.00
5) Phenol-d5	7.27	99	24137	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	16328	20.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	17158	20.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	18483	19.27	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	9041	20.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	9207	19.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	16767	19.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	21677	20.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	51712	19.26	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	65847	19.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	9718	18.57	ng/ul	0.00
58) Fluorene-d10	15.72	176	45457	19.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	9031	17.12	ng/ul	0.00
71) Anthracene-d10	17.57	188	72078	19.72	ng/ul	0.00
79) Pyrene-d10	19.84	212	79822	19.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	77386	19.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	2665	7.90	ng/uL	98
4) Benzaldehyde	7.26	77	10972	13.43	ng/ul	99
6) Phenol	7.30	94	26152	19.96	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.54	93	18623	19.28	ng/ul	93
10) 2-Chlorophenol	7.69	128	18107	19.85	ng/ul	96
11) 2-Methylphenol	8.56	108	18501	19.12	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.65	45	30407	20.77	ng/ul	95
14) Acetophenone	8.95	105	30565	18.88	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.92	70	19686	19.59	ng/ul#	94
16) 4-Methylphenol	8.89	108	21161	19.61	ng/ul	92
17) Hexachloroethane	9.21	117	7940	20.00	ng/ul	96
20) Nitrobenzene	9.33	77	28399	20.16	ng/ul	99
21) Isophorone	9.85	82	49626	19.02	ng/ul	98
23) 2-Nitrophenol	10.04	139	10706	19.80	ng/ul	94
24) 2,4-Dimethylphenol	10.09	107	24932	19.69	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.33	93	25637	18.76	ng/ul	100
27) 2,4-Dichlorophenol	10.58	162	17578	19.87	ng/ul	96
28) Naphthalene	10.99	128	58421	19.00	ng/ul	99
30) 4-Chloroaniline	11.09	127	23874	20.40	ng/ul	92
31) Hexachlorobutadiene	11.26	225	11180	18.92	ng/ul	96
32) Caprolactam	11.85	113	6112	17.91	ng/ul	97
33) 4-Chloro-3-methylphenol	12.20	107	23209	19.66	ng/ul	98
34) 2-Methylnaphthalene	12.57	142	42721	19.20	ng/ul	98

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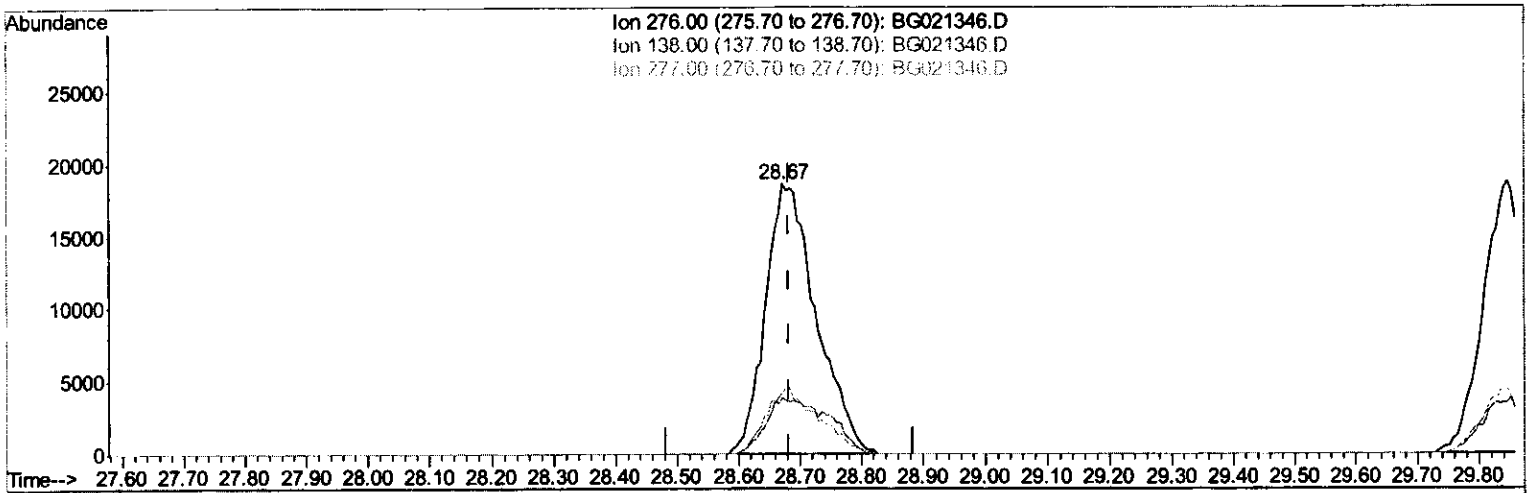

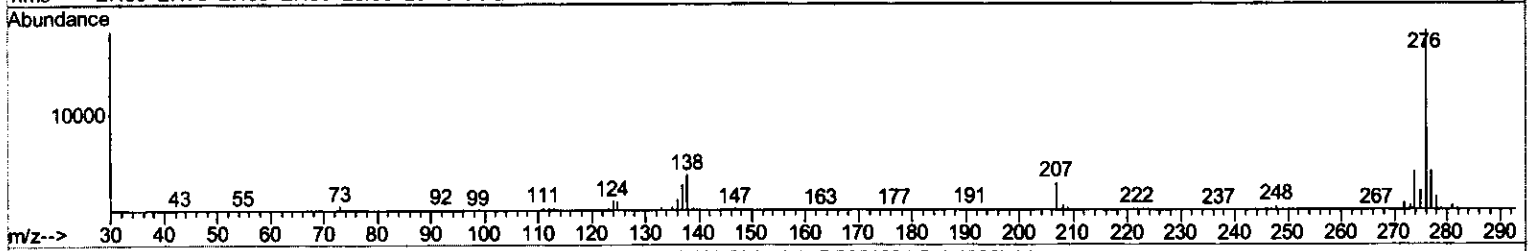

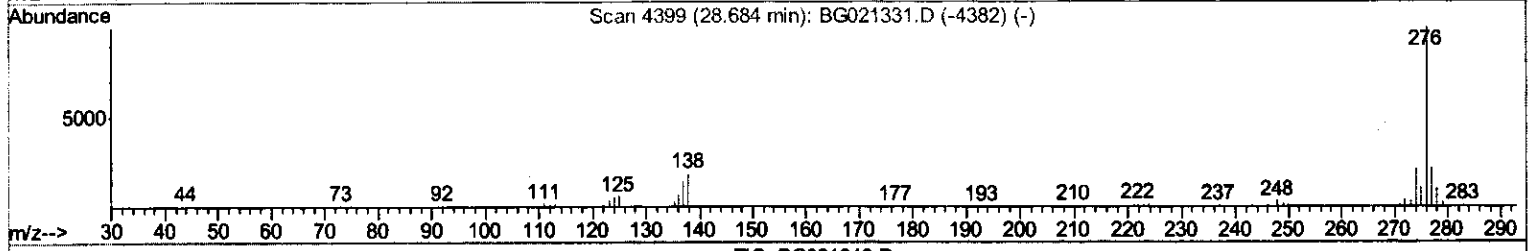

TIC: BG021346.D

(92) Indeno(1,2,3-cd)pyrene
28.672min (-0.012) 19.21ng/ul m
response 105303

U.M 03/11/16

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	20.36
277.00	22.50	22.38
0.00	0.00	0.00

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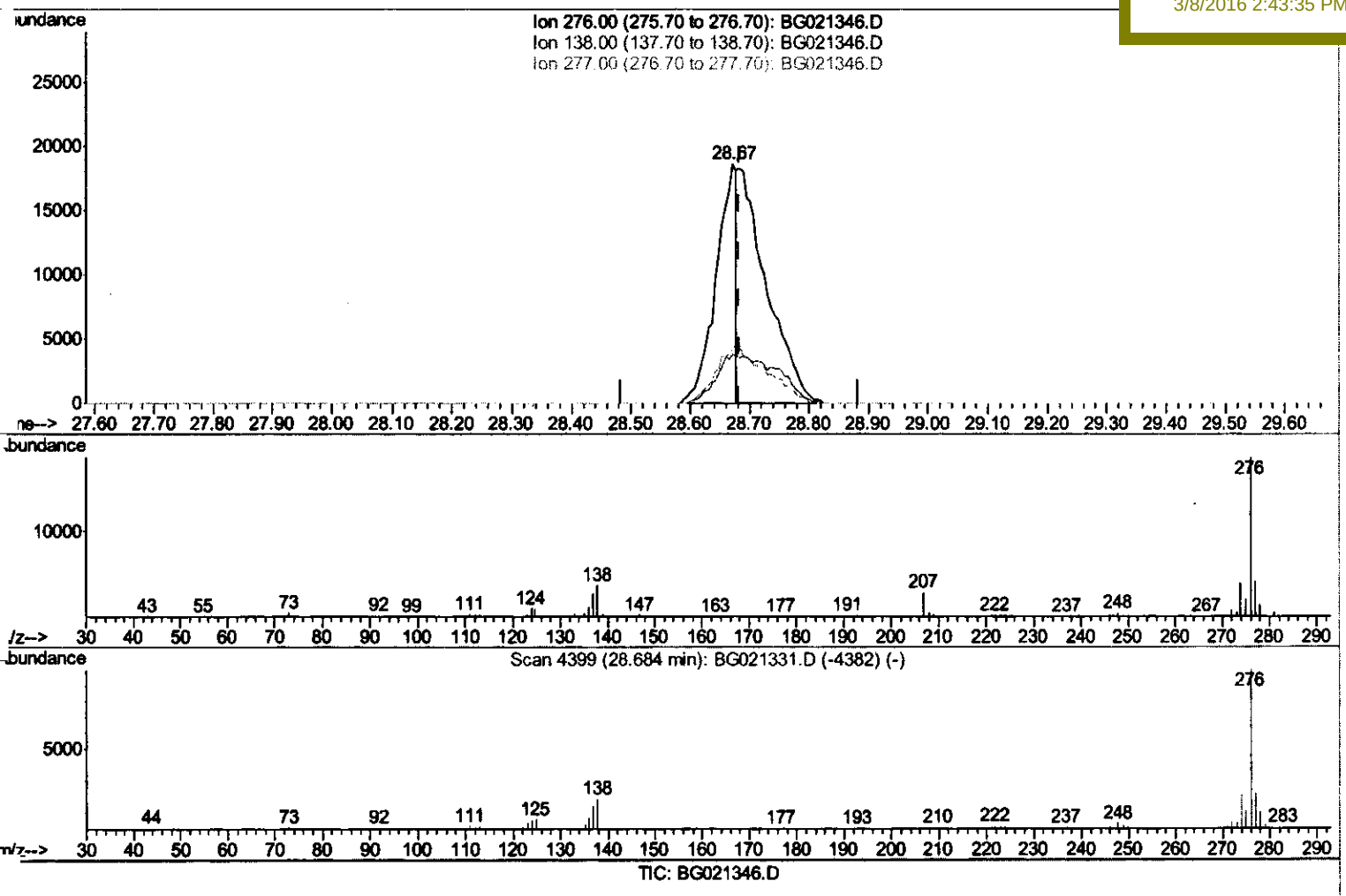

TIC: BG021346.D

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

28.672min (-0.012) 8.21ng/ul

response 45001

Ion	Exp%	Act%
276.00	100	100
138.00	18.00	20.36
277.00	22.50	22.38
0.00	0.00	0.00