Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG052116\
Data File : BG021976.D
Acq On : 21 May 2016 11:27
Operator : UM/SJ
Sample : SSTD02003
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 23 16:59:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052116.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 16:42:39 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02003

Manual Integrations APPROVED
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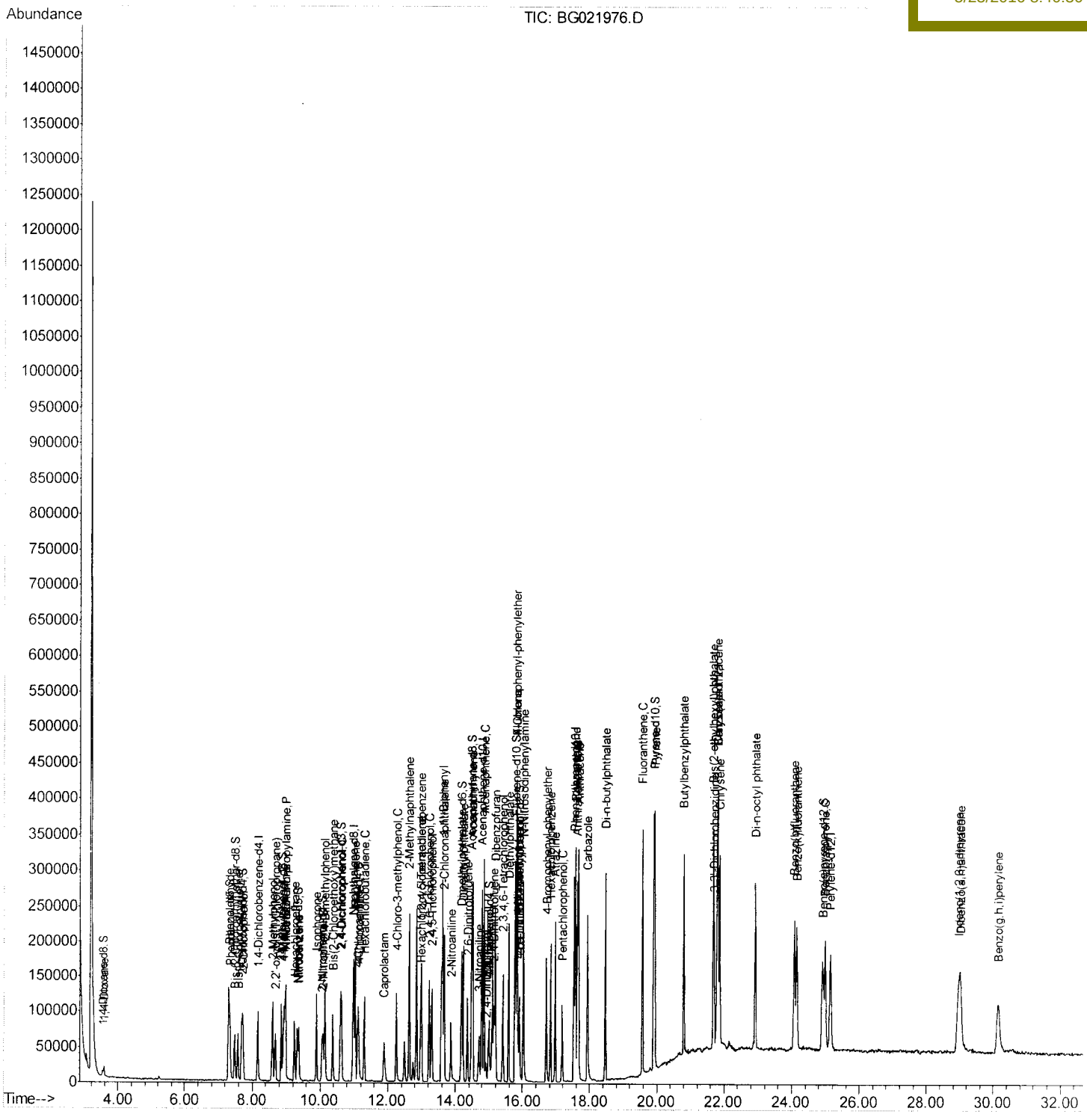

Quantitation Report (Qedit)

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Quant Time: May 23 16:57:38 2016
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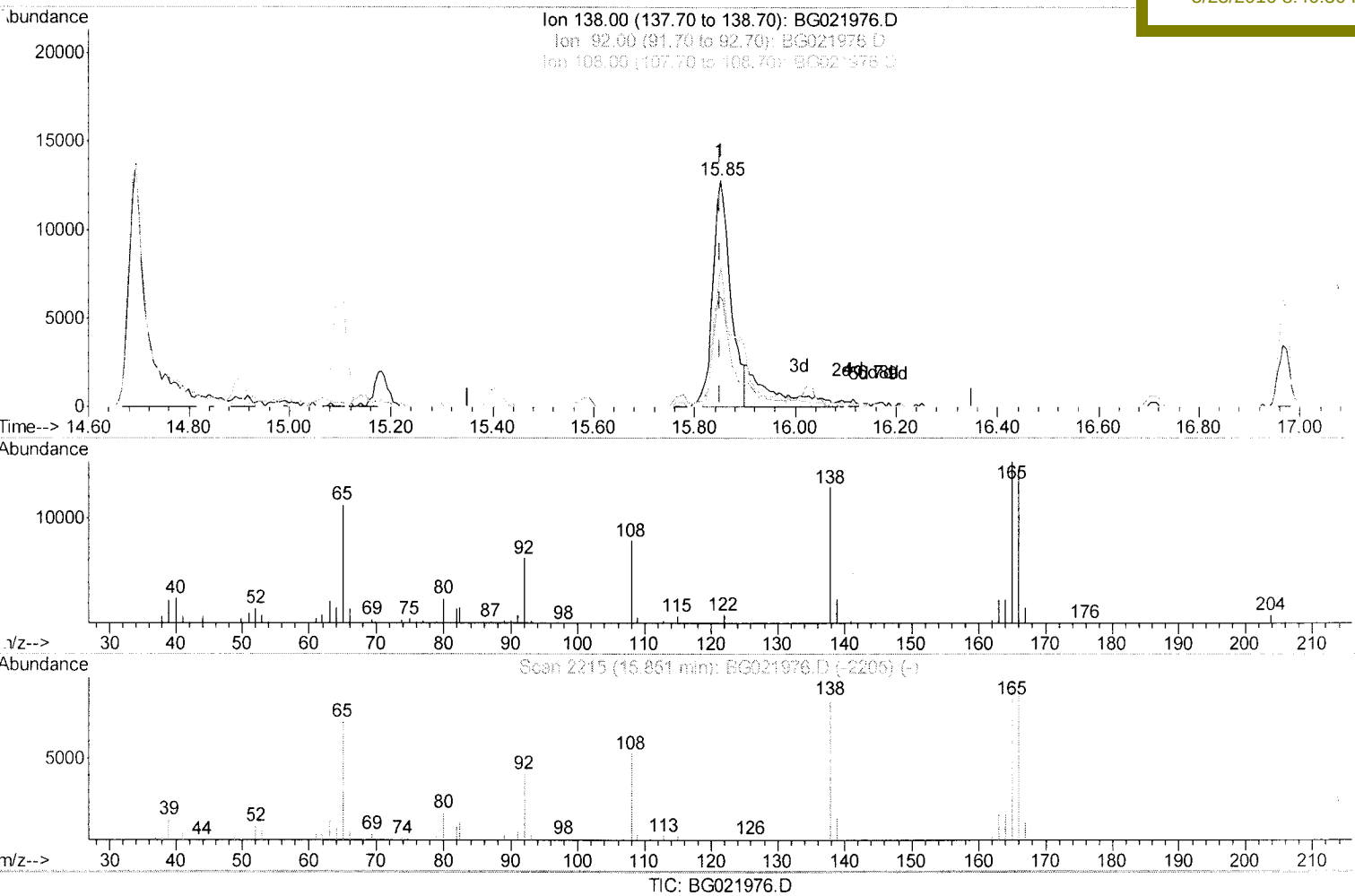

TIC: BG021976.D

(60) 4-Nitroaniline

15.851min (0.000) 18.64ng/ul

response 31466

Ion	Exp%	Act%
138.00	100	100
92.00	48.70	48.65
108.00	61.50	61.52
0.00	0.00	0.00

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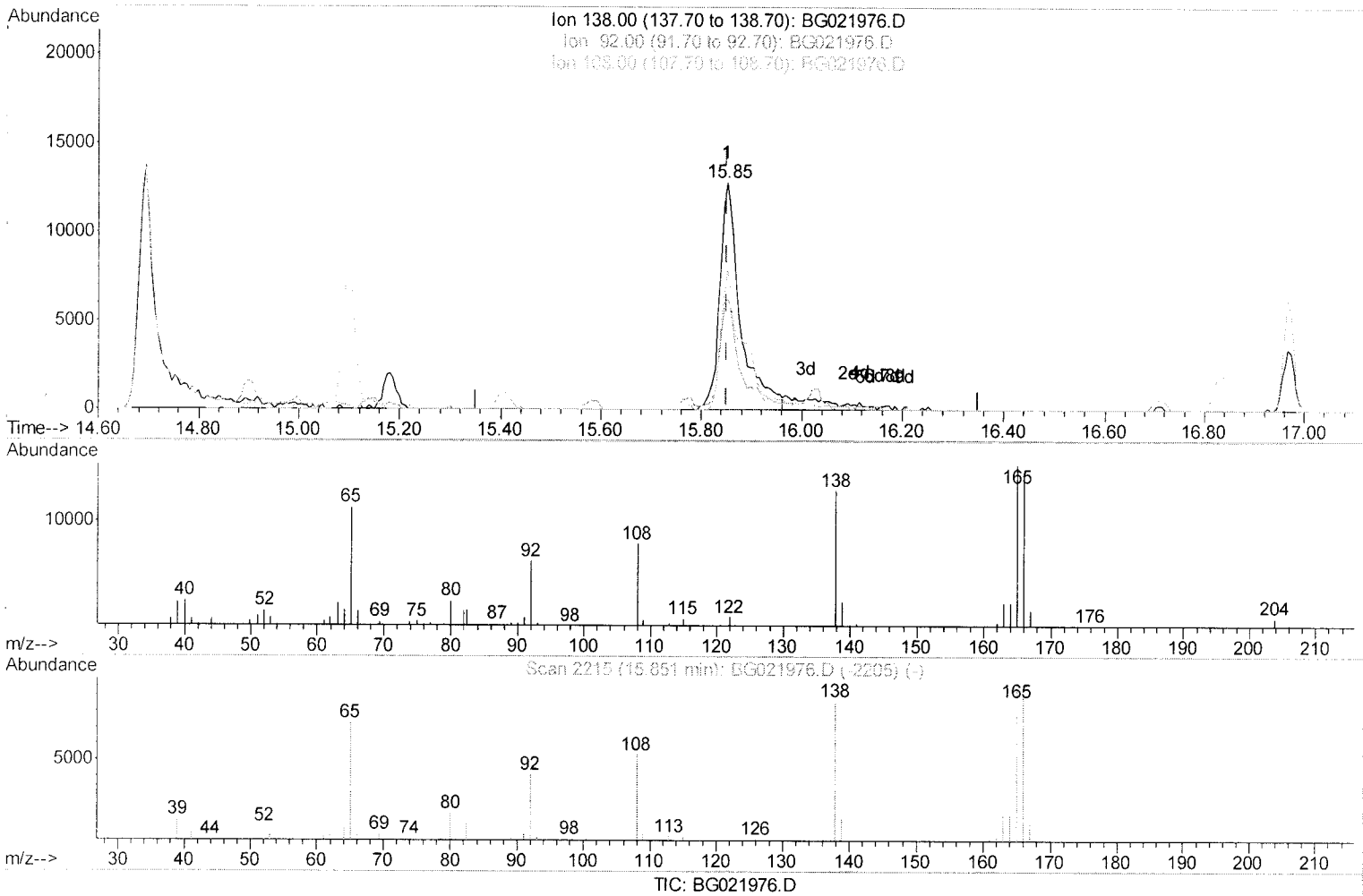

TIC: BG021976.D

(60) 4-Nitroaniline

15.851min (0.000) 21.67ng/ul m > U.M. 05/24/16

response 36580

Ion	Exp%	Act%
138.00	100	100
92.00	48.70	48.65
108.00	61.50	61.52
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_G
ClientSampleId :
SSTD02003

Manual Integrations APPROVED
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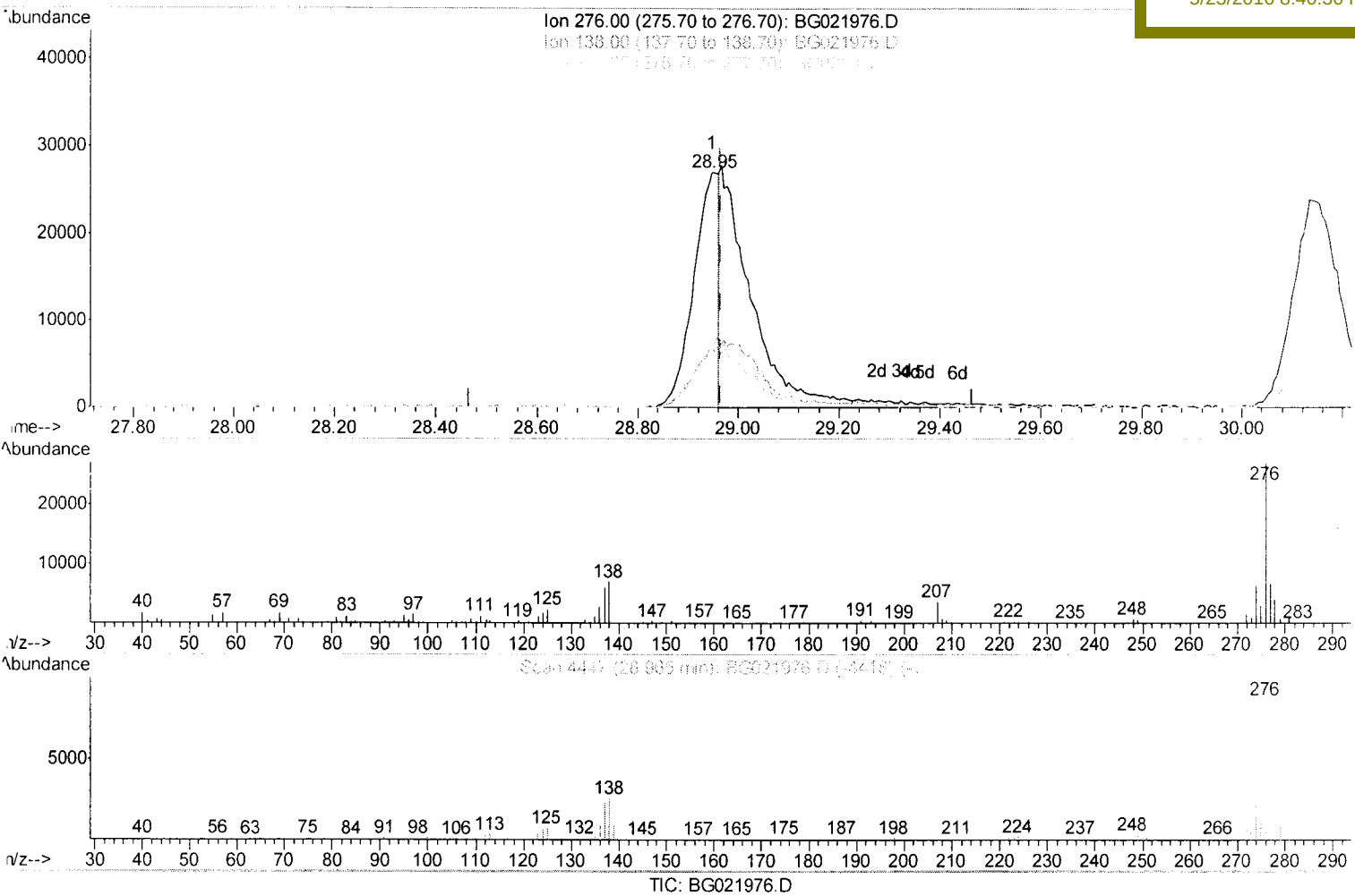

(89) Indeno(1,2,3-cd)pyrene

28.947min (-0.018) 9.13ng/ul

response 91212

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	26.16
277.00	22.00	25.24
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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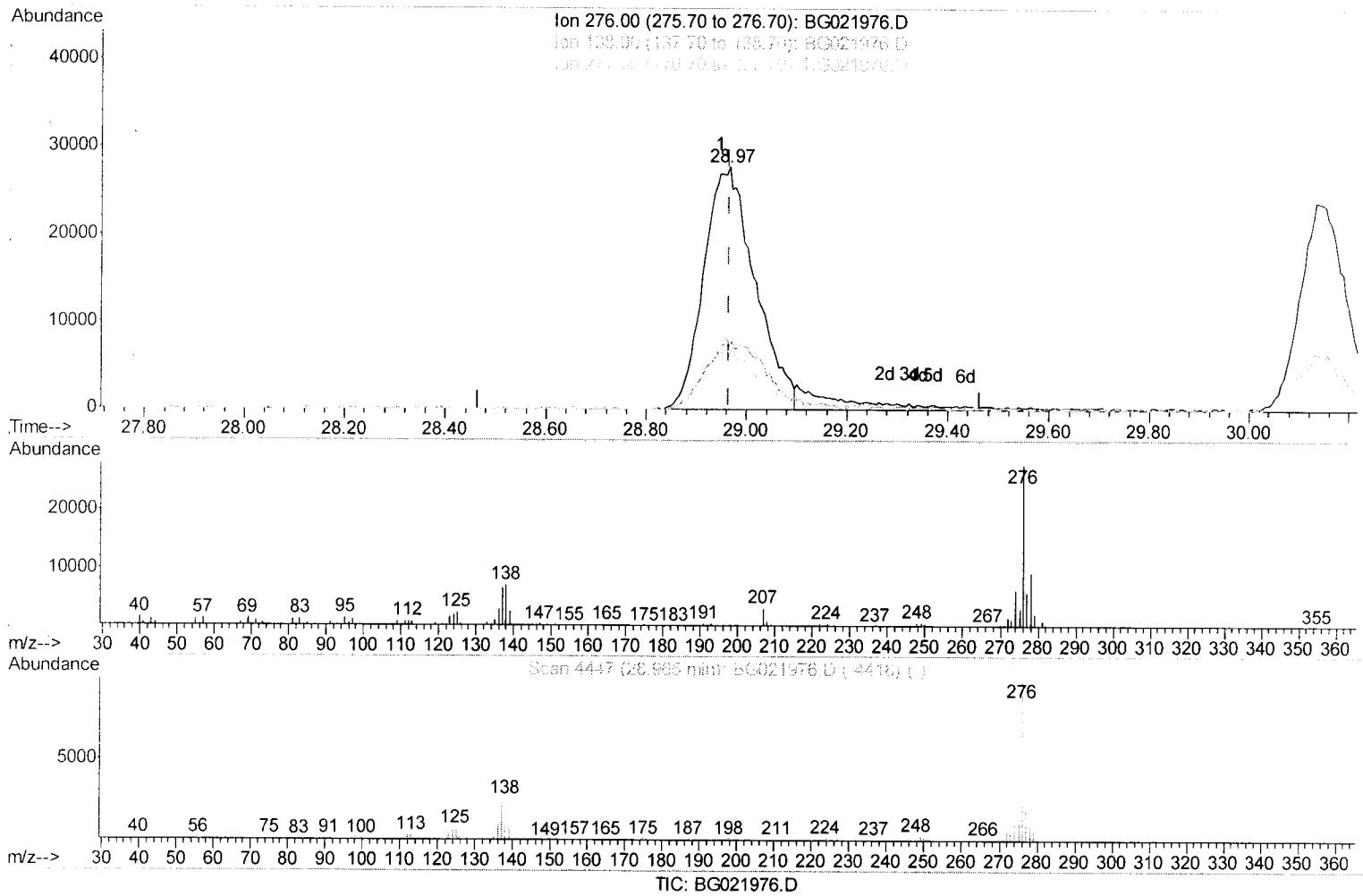

(89) Indeno(1,2,3-cd)pyrene

28.965min (0.000) 19.72ng/ul m > U.M. 05/24/16

response 197035

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	25.97
277.00	22.00	22.02
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	36969	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	184852	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	102121	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	200750	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	155169	20.00	ng/ul	0.00
83) Perylene-d12	25.14	264	153867	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	5487	7.73	ng/uL	0.00
5) Phenol-d5	7.31	99	64581	19.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	34703	19.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	55508	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	56979	20.11	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	27779	20.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	30496	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	54955	20.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	59273	20.89	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	156823	20.45	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	219988	20.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	24492	18.54	ng/ul	0.00
57) Fluorene-d10	15.77	176	147088	20.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	20278	19.32	ng/ul	0.00
70) Anthracene-d10	17.63	188	195749	20.26	ng/ul	0.00
76) Pyrene-d10	19.91	212	188056	21.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.91	264	145758	20.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	9922	7.71	ng/uL	100
4) Benzaldehyde	7.30	77	40844	22.19	ng/ul	100
6) Phenol	7.34	94	67443	20.05	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.57	93	48896	19.89	ng/ul	100
10) 2-Chlorophenol	7.73	128	55726	20.25	ng/ul	100
11) 2-Methylphenol	8.60	108	53407	19.88	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.69	45	60106	20.47	ng/ul	100
14) Acetophenone	8.99	105	80249	20.25	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.96	70	41401	20.24	ng/ul	100
16) 4-Methylphenol	8.93	108	58298	20.13	ng/ul	100
17) Hexachloroethane	9.25	117	22042	20.09	ng/ul	100
20) Nitrobenzene	9.37	77	56566	20.50	ng/ul	100
21) Isophorone	9.89	82	122394	20.81	ng/ul	100
23) 2-Nitrophenol	10.09	139	32068	20.77	ng/ul	100
24) 2,4-Dimethylphenol	10.14	107	61721	20.72	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.37	93	70796	20.97	ng/ul	100
27) 2,4-Dichlorophenol	10.62	162	52213	20.42	ng/ul	100
28) Naphthalene	11.03	128	192070	20.49	ng/ul	100
30) 4-Chloroaniline	11.14	127	61014	21.40	ng/ul	100
31) Hexachlorobutadiene	11.30	225	31137	20.66	ng/ul	100
32) Caprolactam	11.89	113	20972	20.50	ng/ul	100
33) 4-Chloro-3-methylphenol	12.25	107	56257	20.66	ng/ul	100
34) 2-Methylnaphthalene	12.63	142	137546	20.53	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	61496	20.30	ng/ul	100
37) Hexachlorocyclopentadiene	12.96	237	23098	17.70	ng/ul	100
38) 2,4,6-Trichlorophenol	13.22	196	41730	20.40	ng/ul	100
39) 2,4,5-Trichlorophenol	13.30	196	42698	19.67	ng/ul	100
40) 1,1'-Biphenyl	13.62	154	172900	20.56	ng/ul	100
41) 2-Chloronaphthalene	13.67	162	132178	20.47	ng/ul	100
42) 2-Nitroaniline	13.87	65	30393	21.53	ng/ul	100
44) Dimethylphthalate	14.23	163	157277	20.41	ng/ul	100
45) 2,6-Dinitrotoluene	14.36	165	34138	20.65	ng/ul	100
47) Acenaphthylene	14.51	152	220515	20.21	ng/ul	100
48) 3-Nitroaniline	14.69	138	29860	19.52	ng/ul	100
49) Acenaphthene	14.85	153	154188	20.46	ng/ul	100
50) 2,4-Dinitrophenol	14.90	184	10110	15.79	ng/ul	100
52) 4-Nitrophenol	15.00	109	14031	18.84	ng/ul	100
53) Dibenzofuran	15.18	168	191862	20.59	ng/ul	100
54) 2,4-Dinitrotoluene	15.14	165	46793	20.99	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.40	232	35386	20.61	ng/ul	100
56) Diethylphthalate	15.59	149	163534	20.45	ng/ul	100
58) Fluorene	15.83	166	161014	20.47	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.82	204	73206	20.66	ng/ul	100
60) 4-Nitroaniline	15.85	138	36580m	21.67	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.91	198	19509	17.97	ng/ul	100
64) N-Nitrosodiphenylamine	16.03	169	132691	20.91	ng/ul	100
65) 4-Bromophenyl-phenylether	16.71	248	41723	20.56	ng/ul	100
66) Hexachlorobenzene	16.83	284	45392	19.27	ng/ul	100
67) Atrazine	16.97	200	45593	20.85	ng/ul	100
68) Pentachlorophenol	17.18	266	23628	19.27	ng/ul	100
69) Phenanthrene	17.57	178	229998	20.60	ng/ul	100
71) Anthracene	17.66	178	235843	20.85	ng/ul	100
72) Carbazole	17.93	167	197370	20.13	ng/ul	100
73) Di-n-butylphthalate	18.47	149	271692	20.68	ng/ul	100
74) Fluoranthene	19.57	202	234295	20.59	ng/ul	100
77) Pyrene	19.93	202	235261	21.55	ng/ul	100
78) Butylbenzylphthalate	20.80	149	110130	21.28	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.70	252	62412	21.40	ng/ul	100
80) Benzo(a)anthracene	21.79	228	192471	21.15	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.67	149	154847	21.03	ng/ul	100
82) Chrysene	21.86	228	178912	20.31	ng/ul	100
84) Di-n-octyl phthalate	22.92	149	261283	20.84	ng/ul	100
85) Benzo(b)fluoranthene	24.08	252	184036	20.44	ng/ul	100
86) Benzo(k)fluoranthene	24.15	252	173443	19.59	ng/ul	100
88) Benzo(a)pyrene	24.98	252	175456	20.20	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	28.97	276	197035m	19.72	ng/ul	
90) Dibenzo(a,h)anthracene	29.01	278	167371	20.08	ng/ul	100
91) Benzo(g,h,i)perylene	30.13	276	153246	19.21	ng/ul	100

U.M. 05/24/16

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