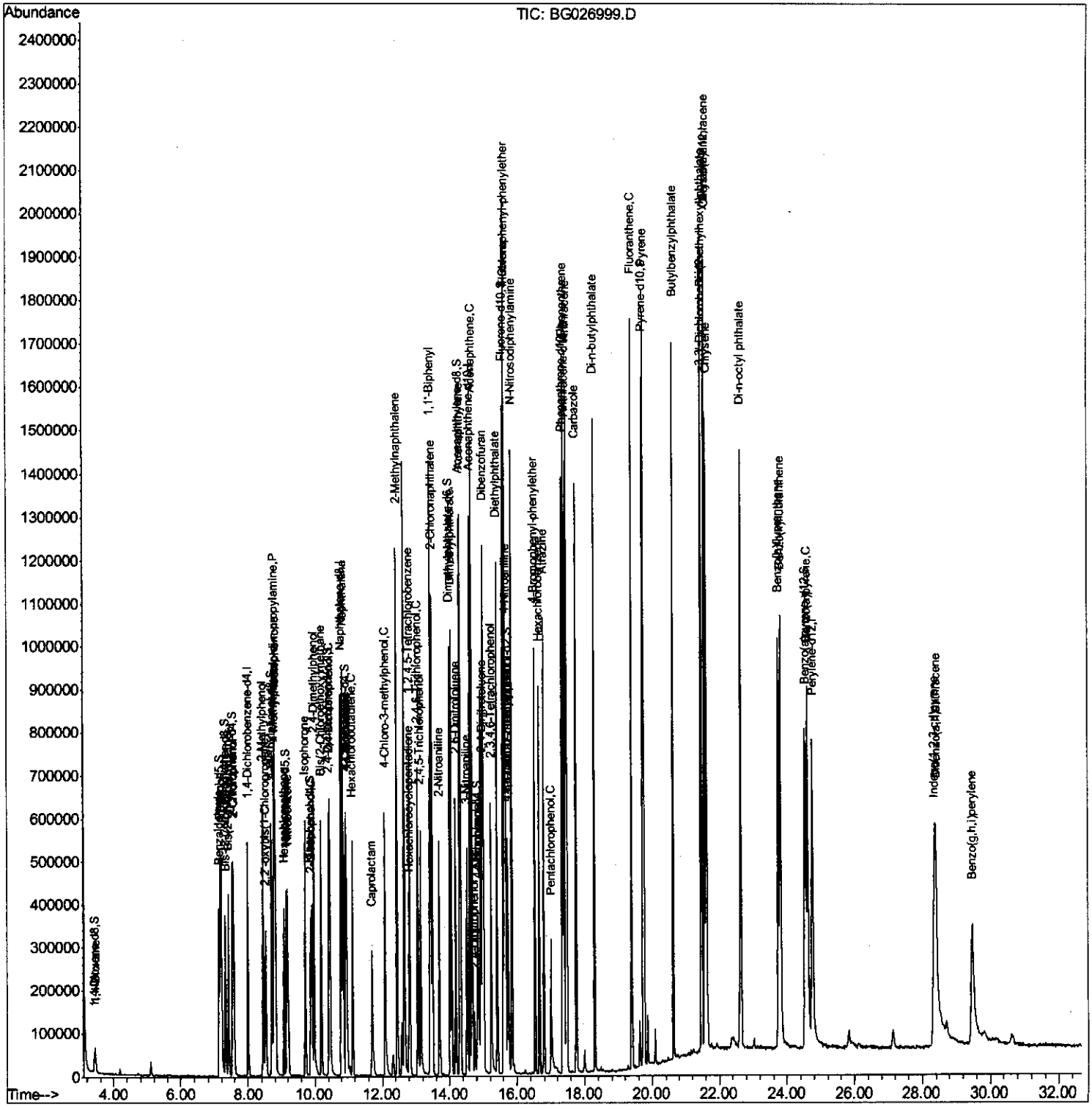
Data Path : Z:\HPCHEM1\BNA G\DATA\BG051617\
Data File : BG026999.D
Acq On : 17 May 2017 4:46
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 17 06:41:14 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 17 05:12:59 2017
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02092

Manual Integrations APPROVED
mohammad
5/17/2017 5:44:51 PM



Quantitation Report (Qedit)

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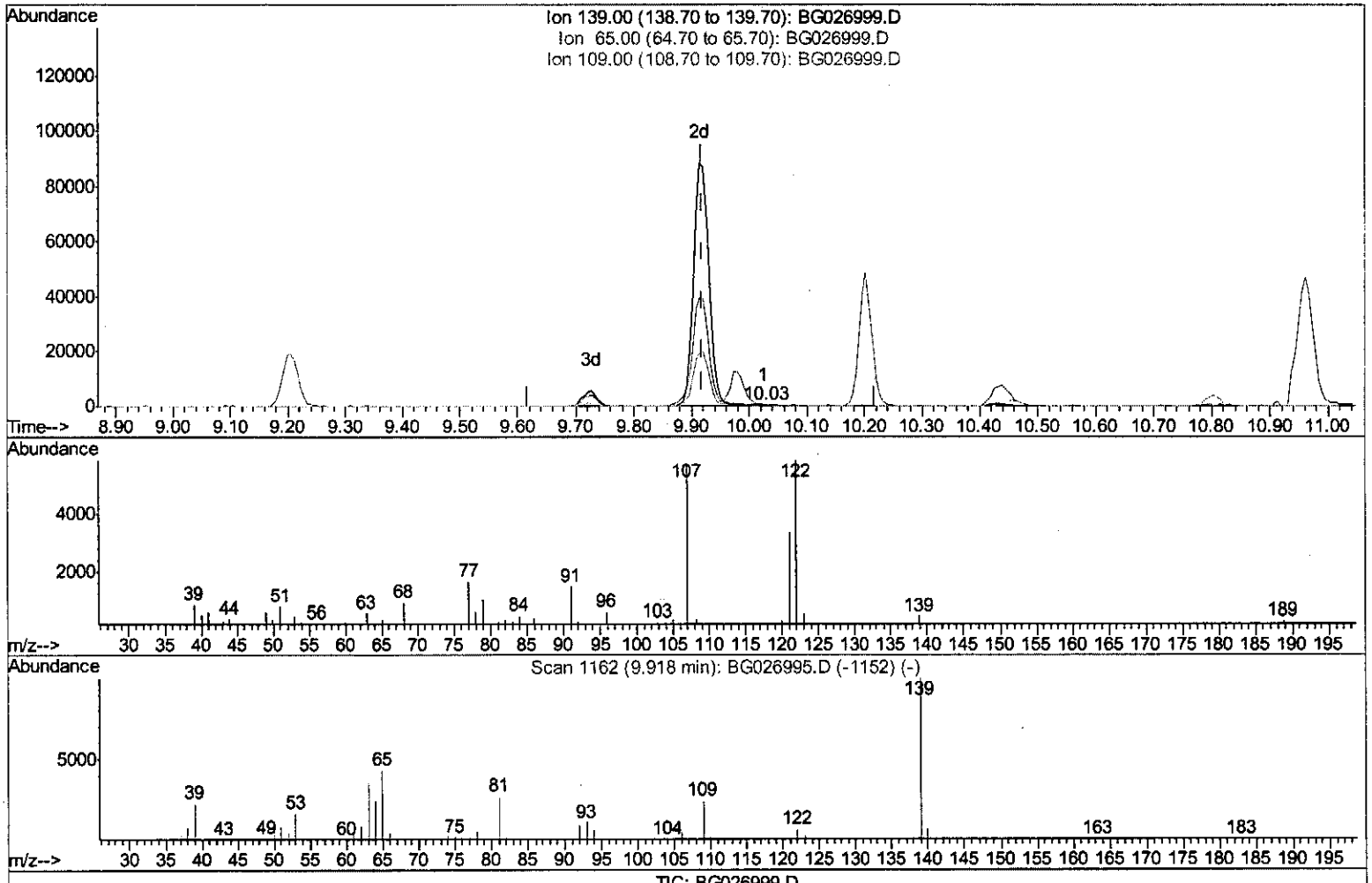

TIC: BG026999.D

(23) 2-Nitrophenol (C)

10.026min (+0.108) 0.07ng/ul

response 524

Ion	Exp%	Act%
139.00	100	100
65.00	83.80	70.02
109.00	49.50	40.29
0.00	0.00	0.00

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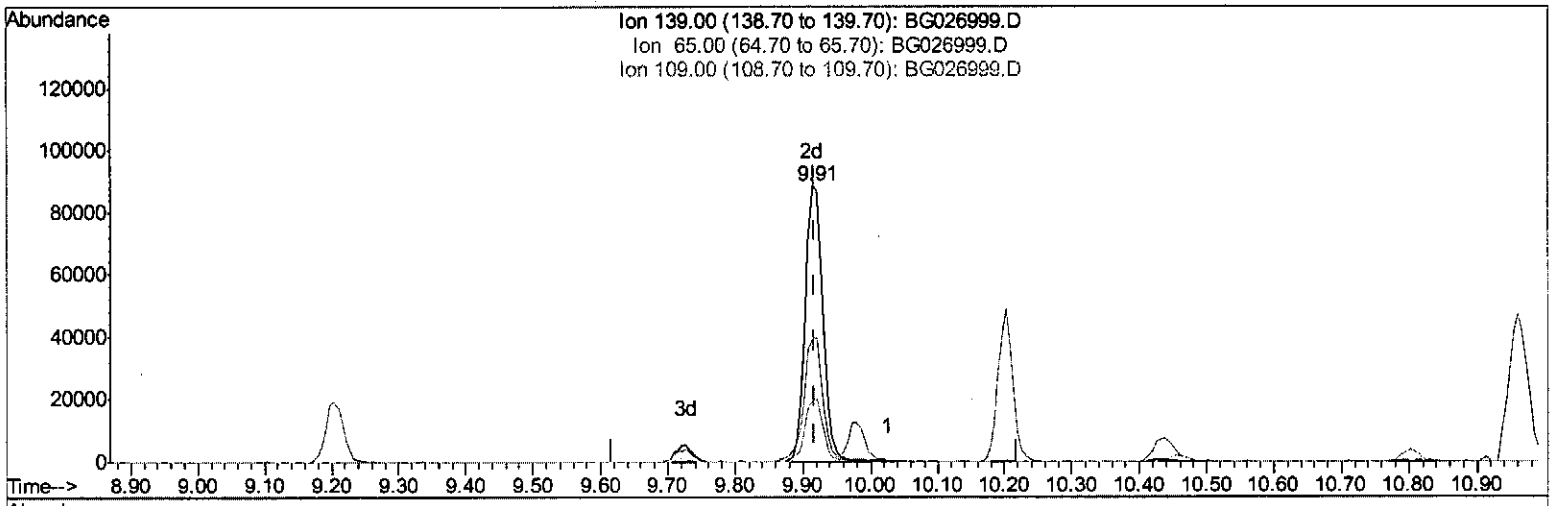

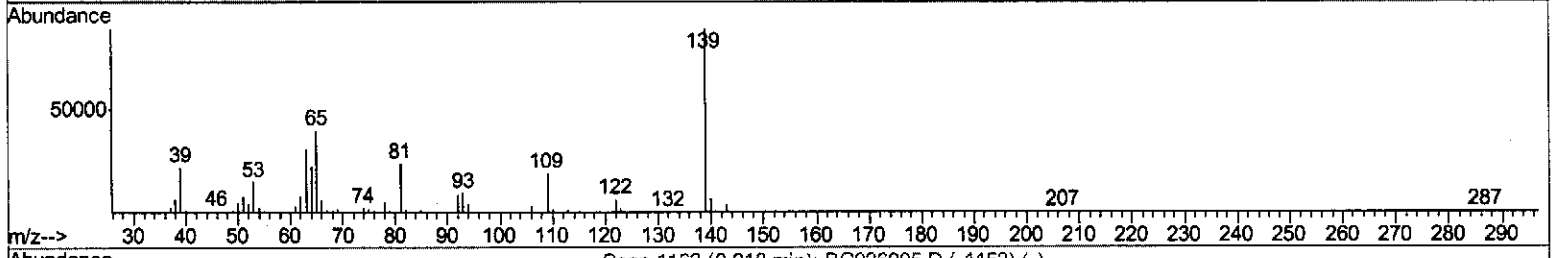

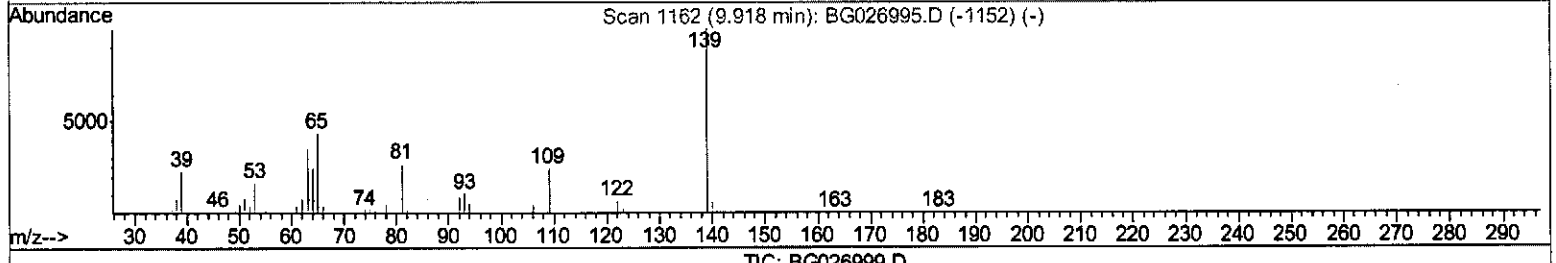

TIC: BG026999.D

(23) 2-Nitrophenol (C)

9.915min (-0.003) 21.22ng/ul m SJ 5/22/17

response 160884

Ion	Exp%	Act%
139.00	100	100
65.00	83.80	44.63#
109.00	49.50	21.61#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
BNA_G
LabSampleId :
SSTD02092

Manual Integrations APPROVED
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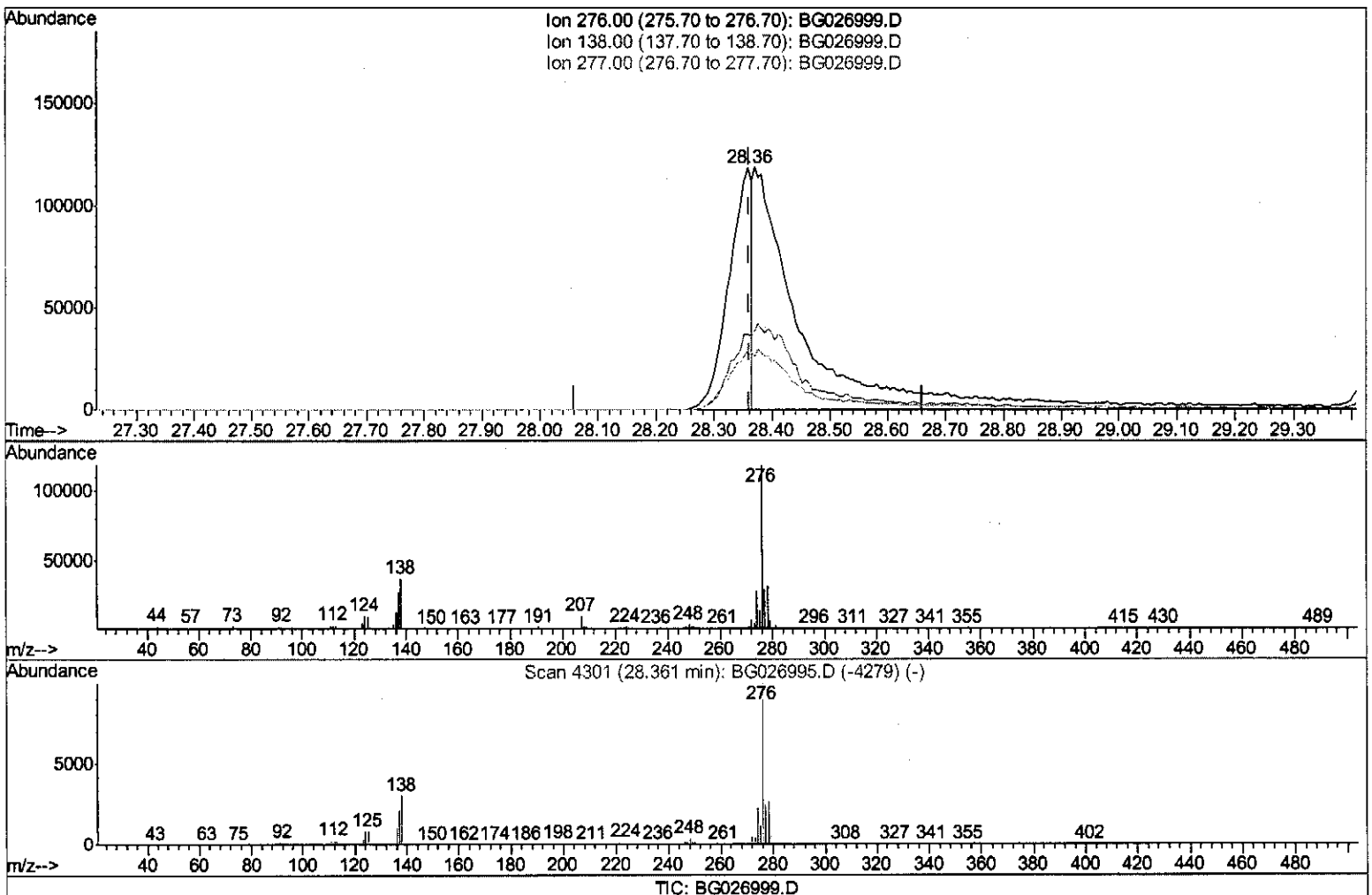

TIC: BG026999.D

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

28.358min (-0.003) 6.37ng/ul

response 316308

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	31.18#
277.00	23.30	24.19
0.00	0.00	0.00

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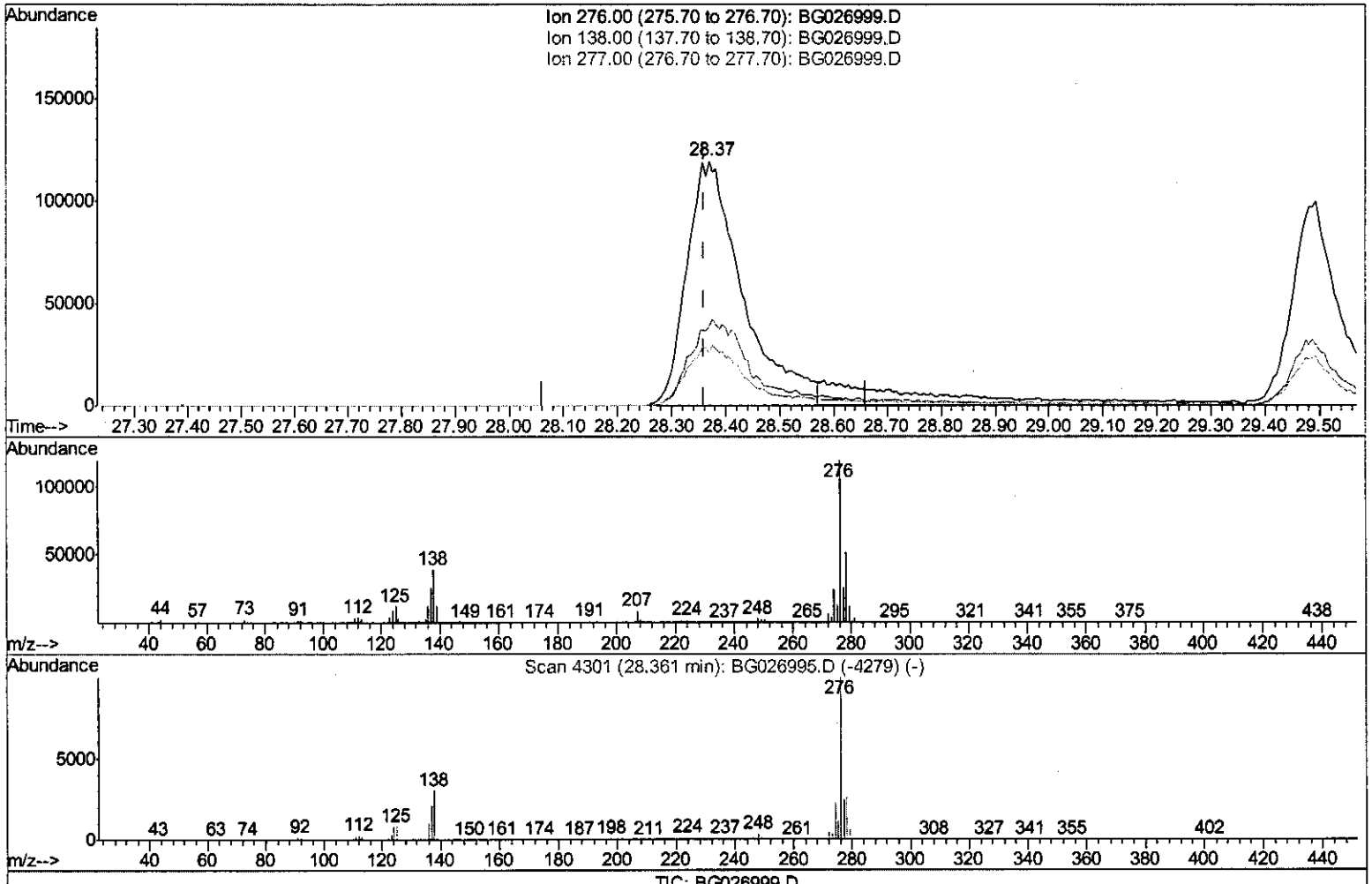

TIC: BG026999.D

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

28.369min (+0.008) 17.33ng/ul m SJ 5/22/17

response 860631

Ion	Exp%	Act%
276.00	100	100
138.00	10.30	32.72#
277.00	23.30	22.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	8.01	152	165678	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	793401	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.61	164	434292	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	828113	20.00	ng/ul	0.00
75) Chrysene-d12	21.59	240	751709	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	745083	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	28291	7.69	ng/uL	0.00
5) Phenol-d5	7.18	99	333510	22.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	184199	21.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	267411	21.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	270384	22.03	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	133911	20.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	154121	21.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	250892	21.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	338526	22.07	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	693463	19.84	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	924727	21.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.83	143	100602	15.97	ng/ul	0.00
57) Fluorene-d10	15.60	176	607506	19.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	85063	16.92	ng/ul	0.00
70) Anthracene-d10	17.45	188	823539	20.49	ng/ul	0.00
76) Pyrene-d10	19.73	212	782922	19.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	753087	21.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	32744	7.80	ng/uL#	84
4) Benzaldehyde	7.14	77	151589	21.21	ng/ul#	69
6) Phenol	7.21	94	344818	23.01	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.42	93	239163	20.67	ng/ul	93
10) 2-Chlorophenol	7.58	128	259906	21.04	ng/ul#	79
11) 2-Methylphenol	8.45	108	261076	22.01	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.53	45	273072	22.62	ng/ul#	87
14) Acetophenone	8.82	105	383491	21.28	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.80	70	182305	20.50	ng/ul#	70
16) 4-Methylphenol	8.78	108	291401	22.46	ng/ul	98
17) Hexachloroethane	9.08	117	93035	20.03	ng/ul#	68
20) Nitrobenzene	9.20	77	270264	21.12	ng/ul#	76
21) Isophorone	9.72	82	501157	20.40	ng/ul#	91
23) 2-Nitrophenol	9.91	139	160884m>	21.22	ng/ul	
24) 2,4-Dimethylphenol	9.98	107	293241	21.21	ng/ul#	79
25) Bis(2-Chloroethoxy)methane	10.20	93	339976	20.26	ng/ul#	91
27) 2,4-Dichlorophenol	10.46	162	245875	21.51	ng/ul	94
28) Naphthalene	10.85	128	853064	20.65	ng/ul	99
30) 4-Chloroaniline	10.96	127	311246	21.51	ng/ul	93
31) Hexachlorobutadiene	11.14	225	115925	20.05	ng/ul	91
32) Caprolactam	11.71	113	89770	21.02	ng/ul#	60
33) 4-Chloro-3-methylphenol	12.09	107	283326	22.86	ng/ul#	83
34) 2-Methylnaphthalene	12.45	142	625232	20.40	ng/ul	94

SJ 5/22/17

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	238791	20.85	ng/ul	97
37) Hexachlorocyclopentadiene	12.80	237	29933	5.93	ng/ul#	97
38) 2,4,6-Trichlorophenol	13.06	196	169353	21.50	ng/ul	97
39) 2,4,5-Trichlorophenol	13.15	196	170270	20.91	ng/ul	95
40) 1,1'-Biphenyl	13.45	154	755680	20.70	ng/ul	97
41) 2-Chloronaphthalene	13.50	162	575933	20.99	ng/ul	97
42) 2-Nitroaniline	13.70	65	177775	22.67	ng/ul#	74
44) Dimethylphthalate	14.06	163	689542	20.15	ng/ul	98
45) 2,6-Dinitrotoluene	14.19	165	150728	20.87	ng/ul#	81
47) Acenaphthylene	14.34	152	932189	20.84	ng/ul	99
48) 3-Nitroaniline	14.52	138	167341	22.02	ng/ul#	75
49) Acenaphthene	14.68	153	637808	20.50	ng/ul	97
50) 2,4-Dinitrophenol	14.74	184	42531	11.52	ng/ul#	79
52) 4-Nitrophenol	14.85	109	60909	16.48	ng/ul#	31
53) Dibenzofuran	15.01	168	841003	20.31	ng/ul	96
54) 2,4-Dinitrotoluene	14.98	165	208026	20.13	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.24	232	122584	19.16	ng/ul#	78
56) Diethylphthalate	15.42	149	725221	20.25	ng/ul	99
58) Fluorene	15.66	166	679342	20.10	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.64	204	295604	20.06	ng/ul	94
60) 4-Nitroaniline	15.68	138	164137	19.59	ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.75	198	89894	17.16	ng/ul#	89
64) N-Nitrosodiphenylamine	15.86	169	570988	20.98	ng/ul	97
65) 4-Bromophenyl-phenylether	16.54	248	170378	20.62	ng/ul#	79
66) Hexachlorobenzene	16.67	284	179819	20.21	ng/ul#	85
67) Atrazine	16.80	200	175793	20.67	ng/ul#	91
68) Pentachlorophenol	17.01	266	71980	17.71	ng/ul	91
69) Phenanthrene	17.39	178	937441	20.09	ng/ul	98
71) Anthracene	17.48	178	984577	20.57	ng/ul	99
72) Carbazole	17.75	167	904430	22.35	ng/ul	98
73) Di-n-butylphthalate	18.30	149	1147561	21.80	ng/ul#	97
74) Fluoranthene	19.40	202	978016	22.58	ng/ul#	78
77) Pyrene	19.76	202	1004916	19.93	ng/ul#	78
78) Butylbenzylphthalate	20.63	149	524378	22.39	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.49	252	317041	21.94	ng/ul#	95
80) Benzo(a)anthracene	21.58	228	903150	20.54	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.47	149	753474	22.54	ng/ul#	98
82) Chrysene	21.64	228	826397	20.23	ng/ul	97
84) Di-n-octyl phthalate	22.65	149	1299123	25.37	ng/ul	100
85) Benzo(b)fluoranthene	23.76	252	897998	21.09	ng/ul#	92
86) Benzo(k)fluoranthene	23.82	252	901854	21.56	ng/ul#	90
88) Benzo(a)pyrene	24.60	252	891085	21.27	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.37	276	860631m	17.33	ng/ul	
90) Dibenzo(a,h)anthracene	28.41	278	737138	17.50	ng/ul#	87
91) Benzo(g,h,i)perylene	29.49	276	609471	14.79	ng/ul#	80

SJ 5/22/17

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