

(QT Reviewed)

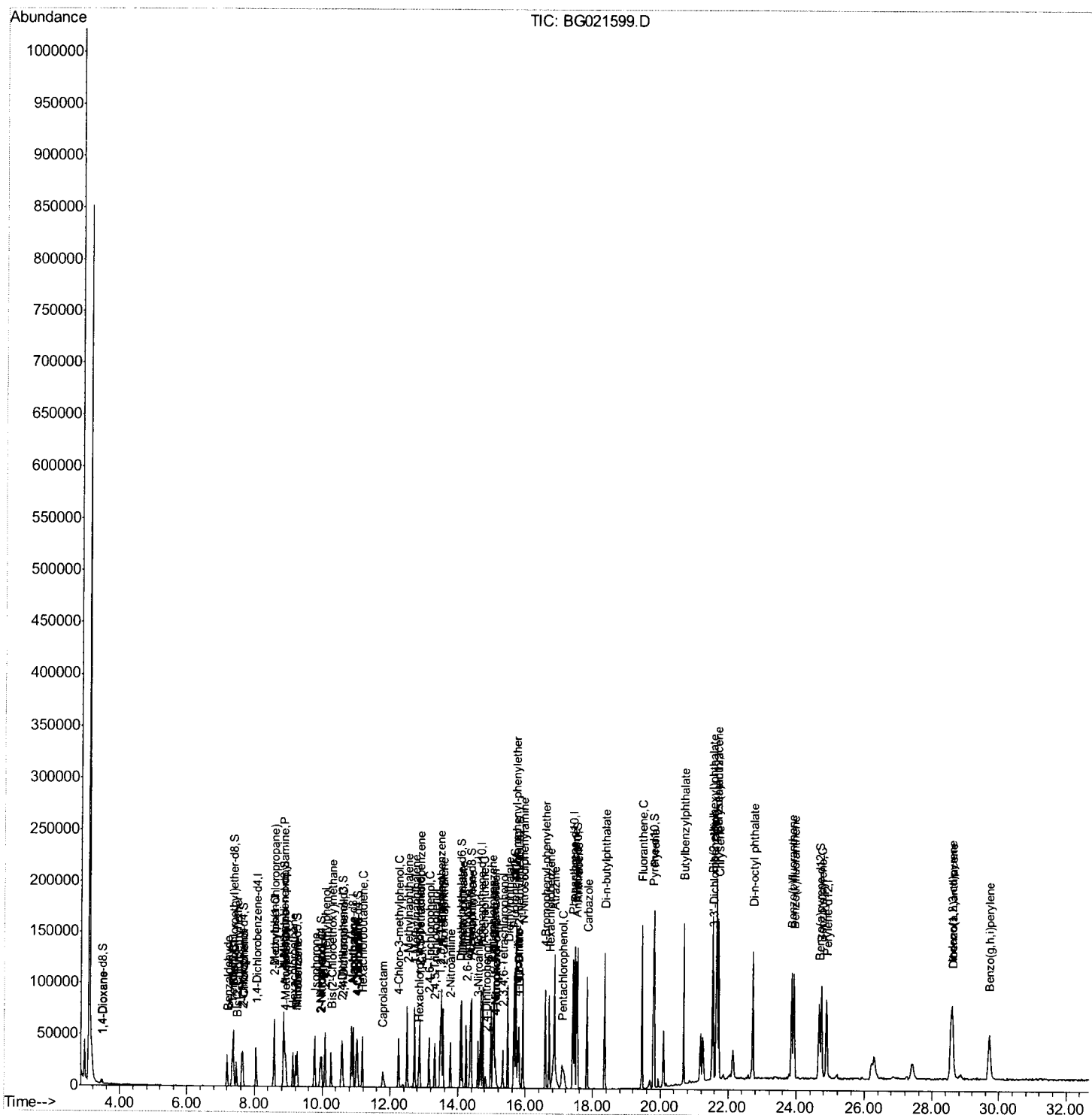
```
Data Path   : V:\HPCHEM1\BNA G\DATA\BG033116\  
Data File  : BG021599.D  
Acq On     : 31 Mar 2016   19:01  
Operator   : UM/SJ  
Sample     : SSTDCCC020EC  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02031

Manual Integrations APPROVED

Sohil
4/1/2016 9:48:22 PM

Quant Time: Apr 01 02:01:31 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 01 01:28:23 2016
Response via : Initial Calibration



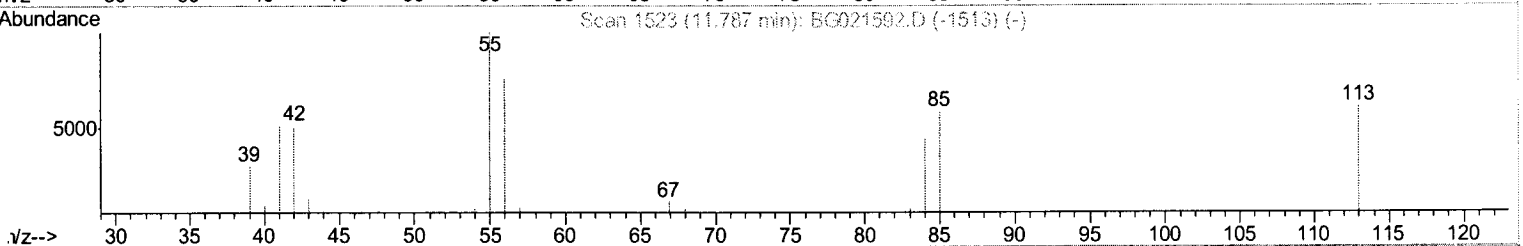
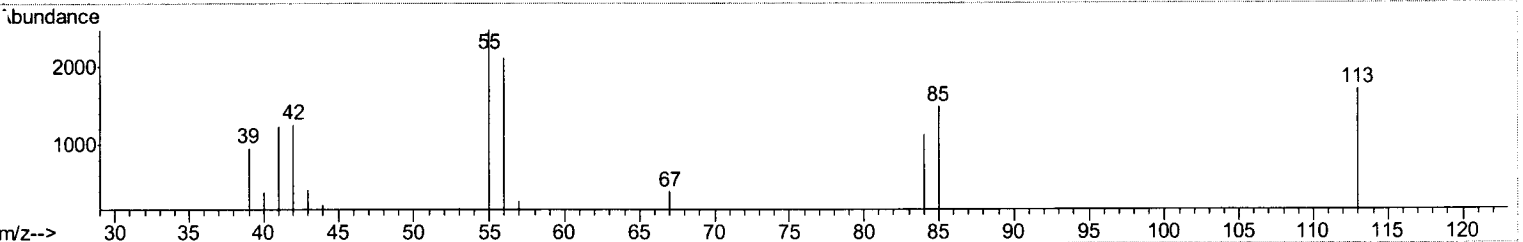
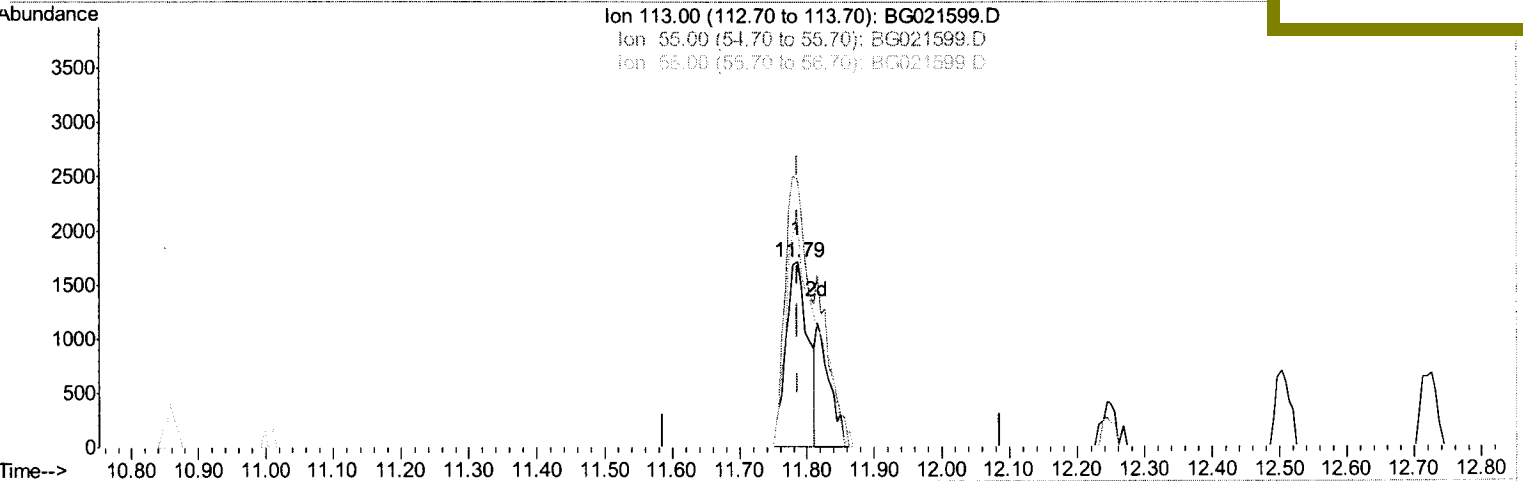
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Quant Time: Apr 01 01:30:11 2016
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TIC: BG021599.D

(32) Caprolactam

11.786min (-0.001) 13.21ng/ul

response 3818

Ion	Exp%	Act%
113.00	100	100
55.00	194.40	144.59#
56.00	132.10	123.20
0.00	0.00	0.00

Quantitation Report (Qedit)

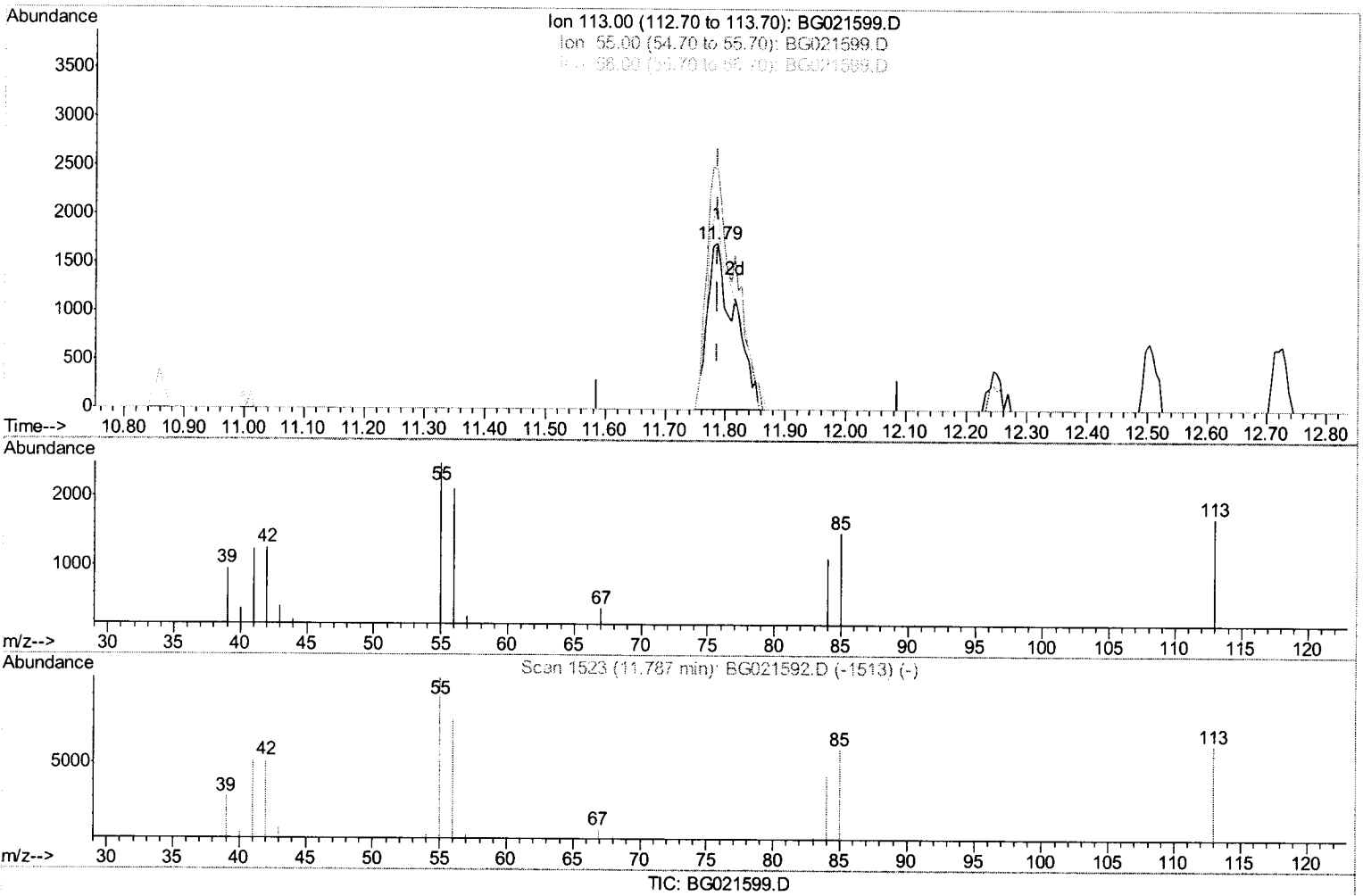
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(32) Caprolactam

11.786min (-0.001) 18.78ng/ul m U.M
24/08/16

response 5427

Ion	Exp%	Act%
113.00	100	100
55.00	194.40	144.59#
56.00	132.10	123.20
0.00	0.00	0.00

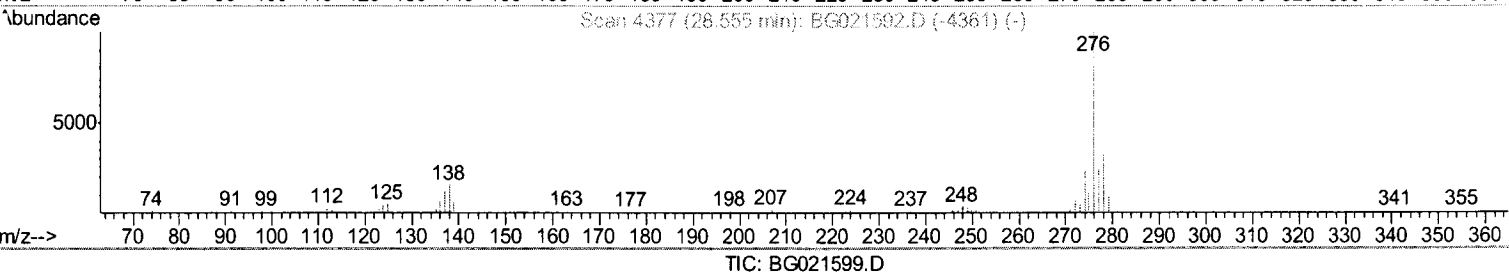
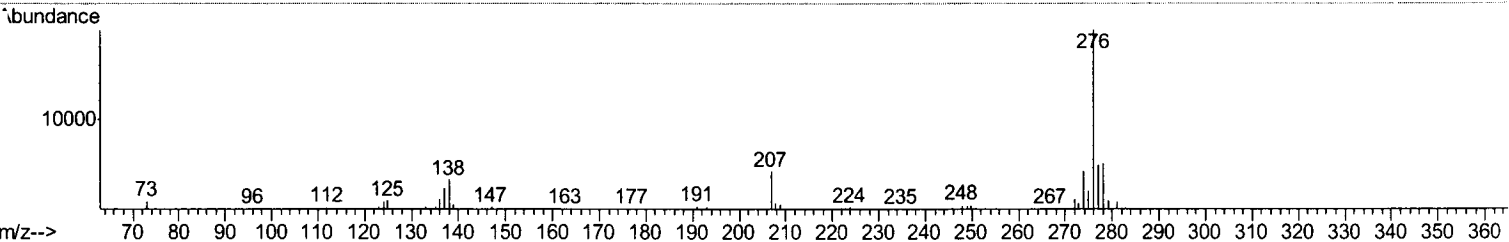
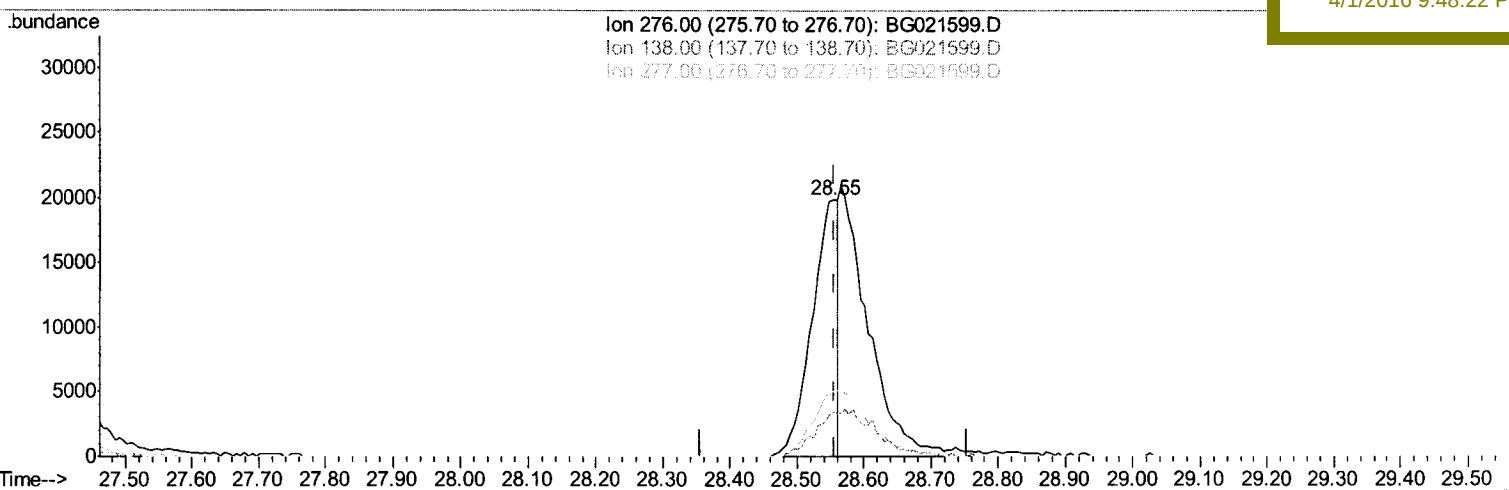
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(92) Indeno(1,2,3-cd)pyrene

28.554min (-0.001) 8.69ng/ul

response 53113

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	17.07
277.00	23.80	25.30
0.00	0.00	0.00

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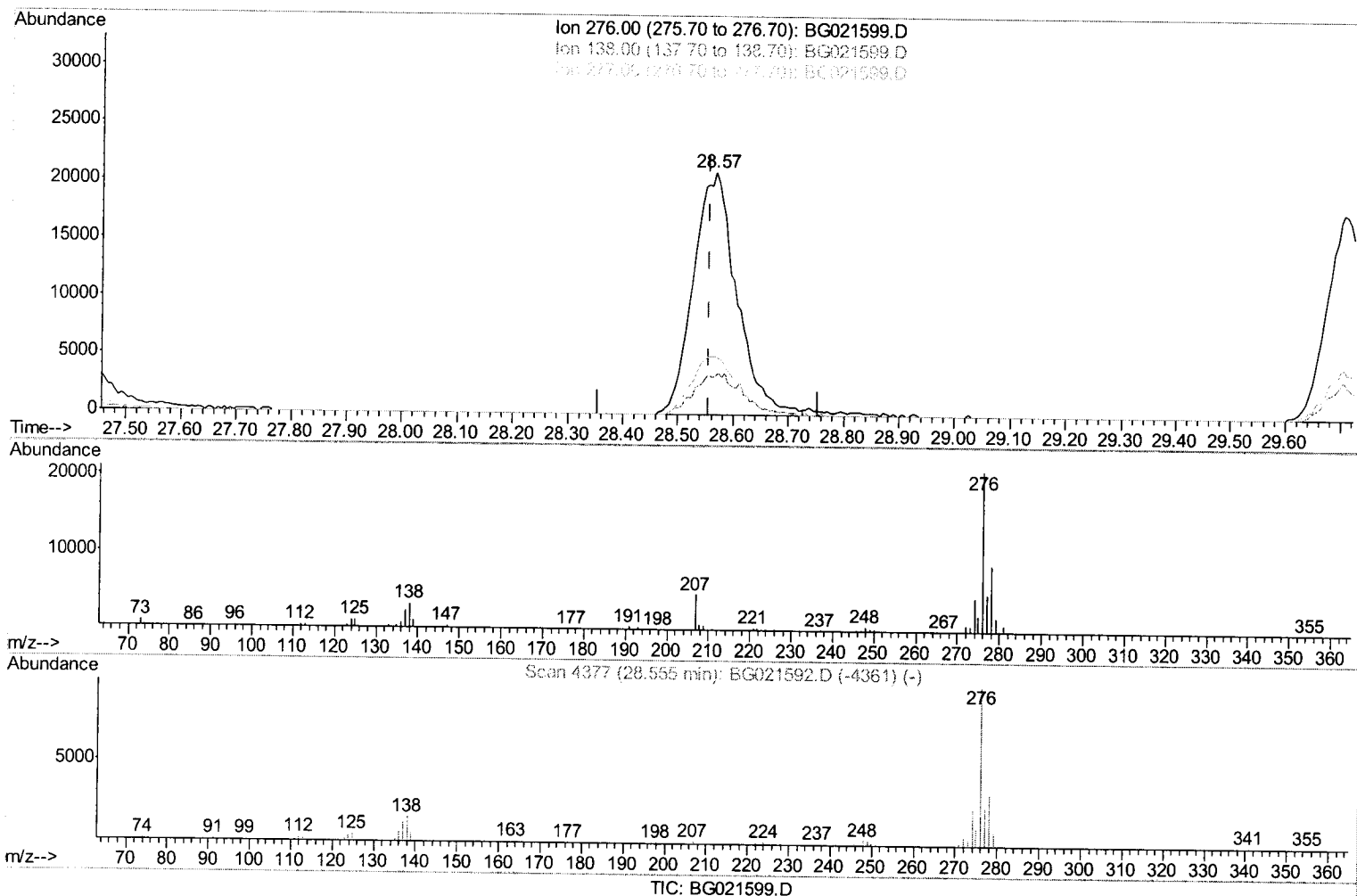
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(92) Indeno(1,2,3-cd)pyrene

28.566min (+0.011) 18.75ng/ul m U.M
 response 114622 04/06/16

Ion	Exp%	Act%
276.00	100	100
138.00	19.70	15.80
277.00	23.80	24.11
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	10373	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	48323	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	31064	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	78052	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	89867	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	86267	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1866	8.07	ng/uL	0.00
5) Phenol-d5	7.34	99	15164	15.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	11171	19.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	14241	19.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	16598	19.76	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	7080	19.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	8072	19.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	14357	19.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	19255	19.88	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	48116	18.60	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	59976	18.81	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	4922	11.91	ng/ul	0.00
58) Fluorene-d10	15.66	176	44713	19.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	8658	16.79	ng/ul	0.00
71) Anthracene-d10	17.51	188	72183	18.87	ng/ul	0.00
79) Pyrene-d10	19.79	212	83450	19.91	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	75875	19.06	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.48	88	2639	8.45 ng/uL#	92
4) Benzaldehyde	7.19	77	12323	20.62 ng/ul	97
6) Phenol	7.37	94	18745	18.08 ng/ul	91
8) Bis(2-Chloroethyl)ether	7.47	93	13996	18.65 ng/ul	93
10) 2-Chlorophenol	7.66	128	14781	19.31 ng/ul	88
11) 2-Methylphenol	8.58	108	14237	17.84 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.58	45	15786	17.44 ng/ul#	1
14) Acetophenone	8.88	105	25285	18.45 ng/ul	92
15) N-Nitroso-di-n-propylamine	8.85	70	14129	18.60 ng/ul#	95
16) 4-Methylphenol	8.91	108	15979	17.65 ng/ul	90
17) Hexachloroethane	9.12	117	6339	19.73 ng/ul	95
20) Nitrobenzene	9.27	77	20545	20.06 ng/ul	94
21) Isophorone	9.78	82	36031	18.25 ng/ul	96
23) 2-Nitrophenol	9.98	139	8520	18.62 ng/ul#	91
24) 2,4-Dimethylphenol	10.08	107	19815	19.19 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.26	93	19591	19.05 ng/ul#	98
27) 2,4-Dichlorophenol	10.59	162	14797	19.24 ng/ul	99
28) Naphthalene	10.90	128	48106	18.78 ng/ul#	96
30) 4-Chloroaniline	11.03	127	19998	19.68 ng/ul	99
31) Hexachlorobutadiene	11.17	225	10800	19.06 ng/ul	98
32) Caprolactam	11.79	113	5427m	18.78 ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	17826	18.98 ng/ul	89
34) 2-Methylnaphthalene	12.50	142	36362	19.12 ng/ul	99

U.M.
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.72	142	34684	18.80	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	20723	19.06	ng/ul	92
38) Hexachlorocyclopentadiene	12.84	237	5345	13.42	ng/ul	98
39) 2,4,6-Trichlorophenol	13.14	196	12098	18.92	ng/ul	96
40) 2,4,5-Trichlorophenol	13.31	196	13366	19.16	ng/ul	87
41) 1,1'-Biphenyl	13.50	154	47164	18.56	ng/ul	97
42) 2-Chloronaphthalene	13.55	162	37567	18.90	ng/ul	97
43) 2-Nitroaniline	13.77	65	13556	19.56	ng/ul	89
45) Dimethylphthalate	14.12	163	50503	18.79	ng/ul	100
46) 2,6-Dinitrotoluene	14.25	165	10844	19.77	ng/ul	93
48) Acenaphthylene	14.39	152	60438	19.13	ng/ul	98
49) 3-Nitroaniline	14.59	138	10556	20.81	ng/ul	88
50) Acenaphthene	14.74	153	41740	19.16	ng/ul	98
51) 2,4-Dinitrophenol	14.81	184	3425	12.40	ng/ul	89
53) 4-Nitrophenol	15.12	109	6298	14.68	ng/ul	93
54) Dibenzofuran	15.07	168	57926	18.98	ng/ul	98
55) 2,4-Dinitrotoluene	15.05	165	15955	19.84	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.32	232	8427	16.52	ng/ul#	98
57) Diethylphthalate	15.48	149	54718	19.05	ng/ul	99
59) Fluorene	15.72	166	50669	18.99	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.70	204	27005	19.27	ng/ul	96
61) 4-Nitroaniline	15.76	138	10112	19.02	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.80	198	9094	16.70	ng/ul#	97
65) N-Nitrosodiphenylamine	15.92	169	46114	19.07	ng/ul	99
66) 4-Bromophenyl-phenylether	16.59	248	17483	19.18	ng/ul	89
67) Hexachlorobenzene	16.72	284	19117	19.88	ng/ul	92
68) Atrazine	16.86	200	20038	20.55	ng/ul	95
69) Pentachlorophenol	17.09	266	3270	12.86	ng/ul#	90
70) Phenanthrene	17.46	178	83328	18.85	ng/ul	98
72) Anthracene	17.54	178	86550	19.24	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	20584	18.83	ng/uL	93
74) Pentachlorobenzene	14.98	250	21136	18.63	ng/uL	93
75) Carbazole	17.83	167	72452	18.62	ng/ul	97
76) Di-n-butylphthalate	18.35	149	96510	19.22	ng/ul	99
77) Fluoranthene	19.46	202	101186	18.97	ng/ul#	92
80) Pyrene	19.82	202	105164	19.64	ng/ul#	94
81) Butylbenzylphthalate	20.69	149	44261	19.57	ng/ul#	92
82) 3,3'-Dichlorobenzidine	21.56	252	35998	19.31	ng/ul#	95
83) Benzo(a)anthracene	21.65	228	104275	19.22	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	63247	19.12	ng/ul	97
85) Chrysene	21.72	228	96944	18.87	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	110273	18.83	ng/ul	100
88) Benzo(b)fluoranthene	23.86	252	105401	19.02	ng/ul#	97
89) Benzo(k)fluoranthene	23.93	252	102123	18.76	ng/ul#	98
91) Benzo(a)pyrene	24.74	252	103369	19.22	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.57	276	114622m	18.75	ng/ul	
93) Dibenzo(a,h)anthracene	28.61	278	96632	18.58	ng/ul#	95
94) Benzo(a,h,i)perylene	29.71	276	92904	18.48	ng/ul	98

U.M
 104/06/16

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