

(QT Reviewed)

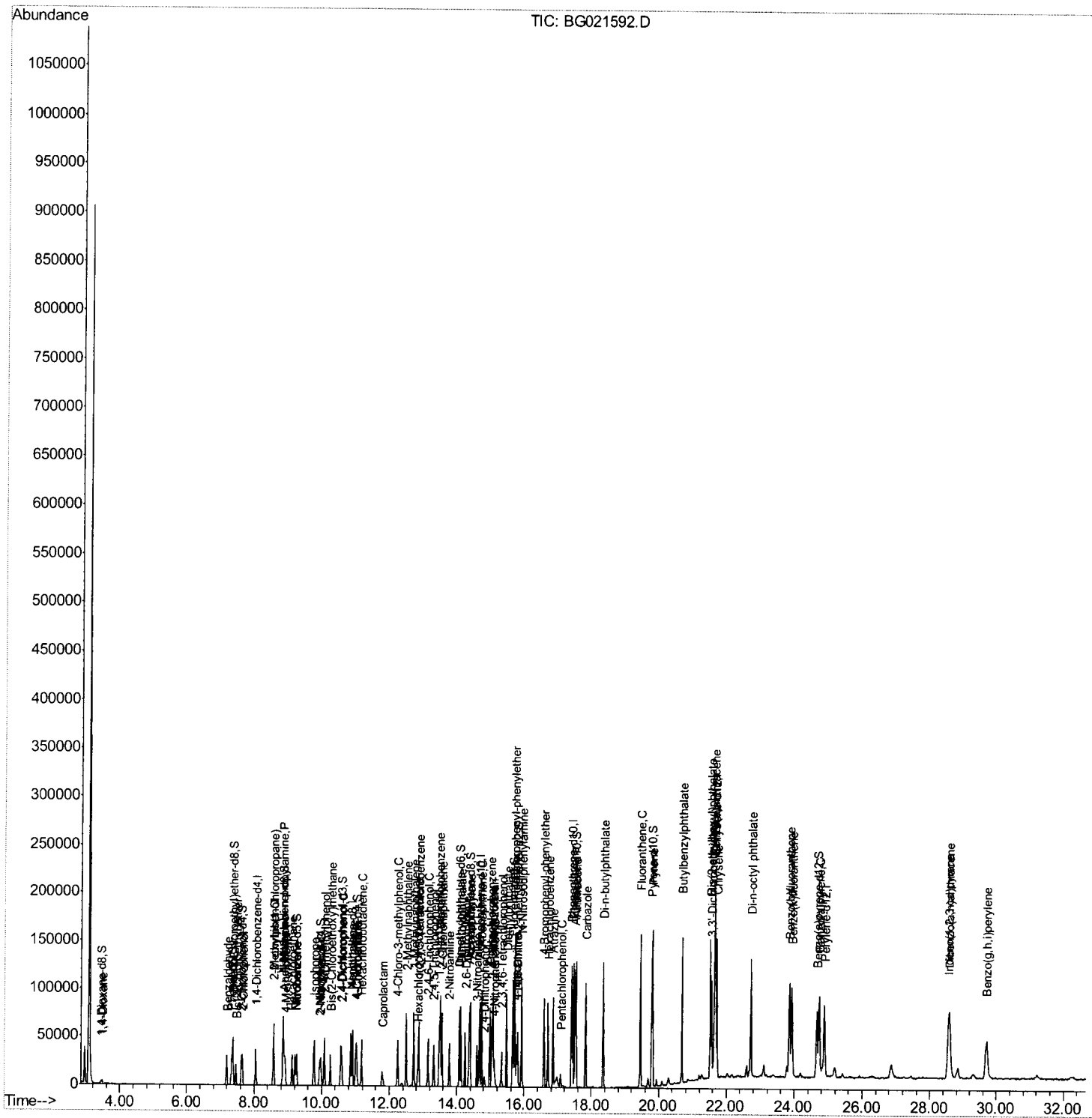
```
Data Path   : V:\HPCHEM1\BNA G\DATA\BG033116\  
Data File  : BG021592.D  
Acq On     : 31 Mar 2016   10:23  
Operator   : UM/SJ  
Sample     : SSTDCCC020  
Misc       :  
ALS Vial   : 2      Sample Multiplier: 1
```

Instrument :
BNA_G
LabSampleId :
SSTD02030

Manual Integrations

Sohil
4/1/2016 9:48:13 PM

Quant Time: Apr 01 01:26:40 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 31 02:07:33 2016
Response via : Initial Calibration



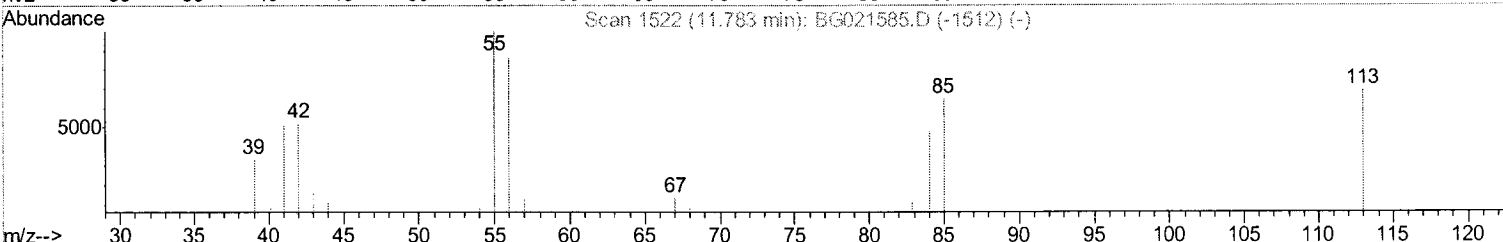
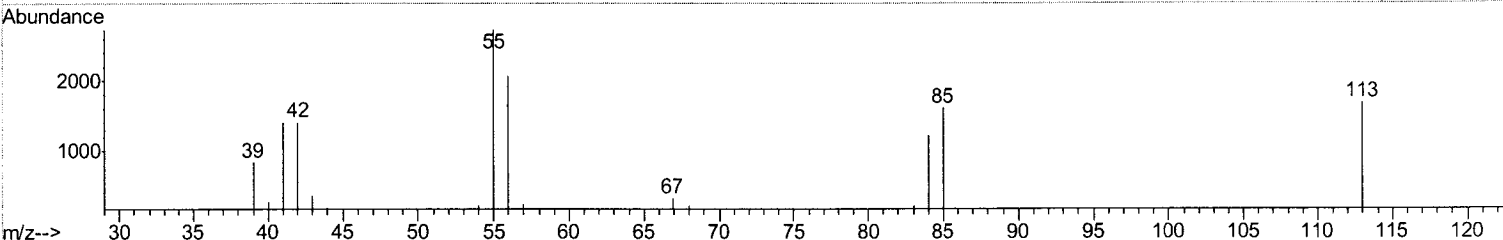
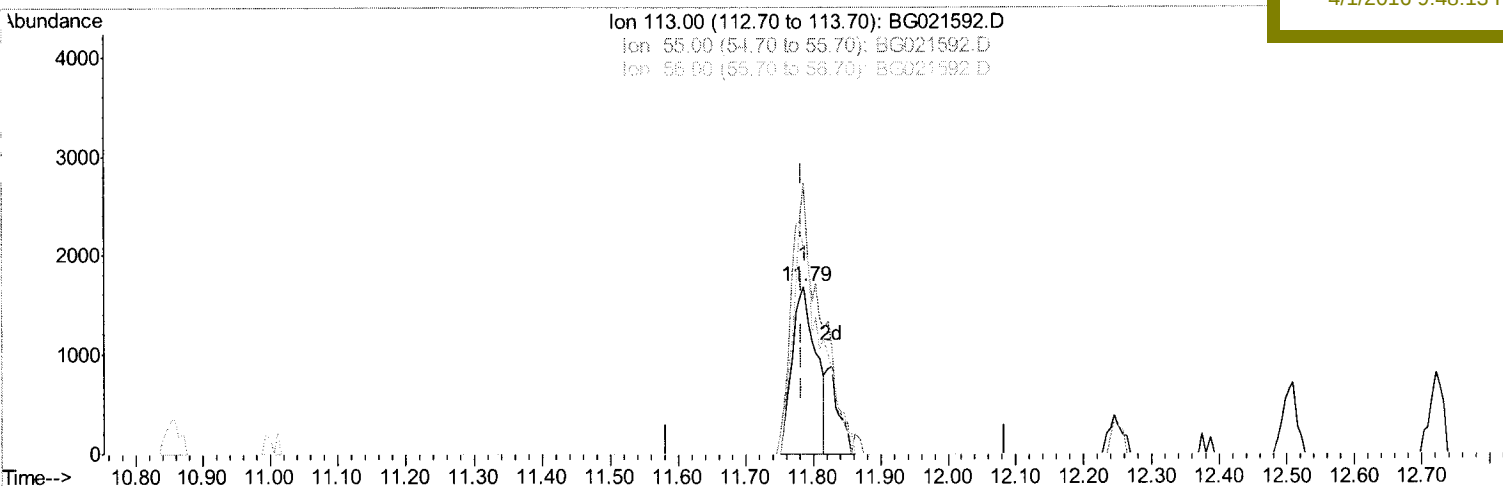
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TIC: BG021592.D

(32) Caprolactam

11.787min (+0.003) 14.79ng/ul

response 4123

Ion	Exp%	Act%
113.00	100	100
55.00	194.40	162.64
56.00	132.10	122.61
0.00	0.00	0.00

Quantitation Report (Qedit)

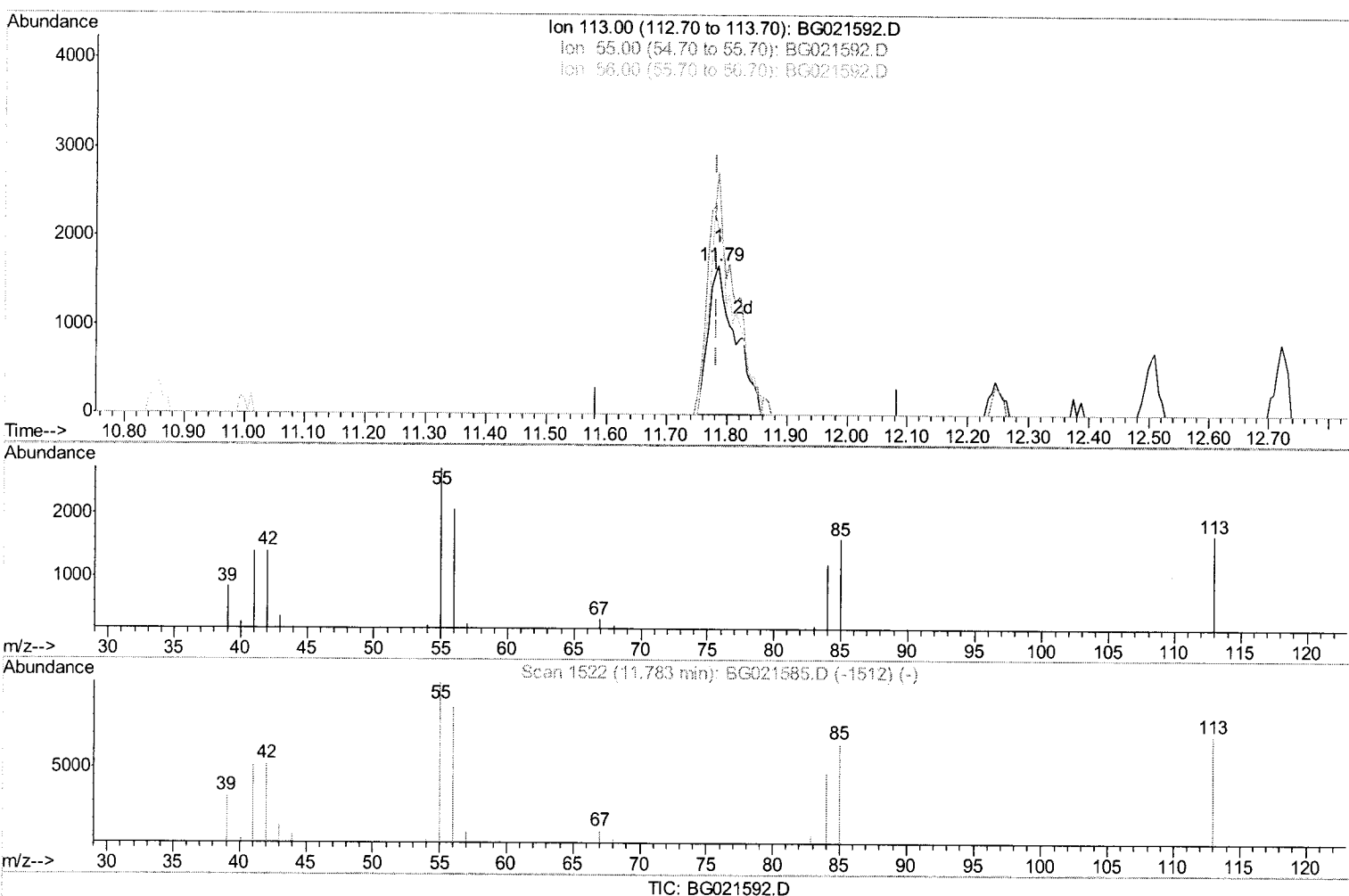
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(32) Caprolactam

11.787min (+0.003) 18.76ng/ul m U.M
04/06/16

response 5228

Ion	Exp%	Act%
113.00	100	100
55.00	194.40	162.64
56.00	132.10	122.61
0.00	0.00	0.00

Quantitation Report (Qedit)

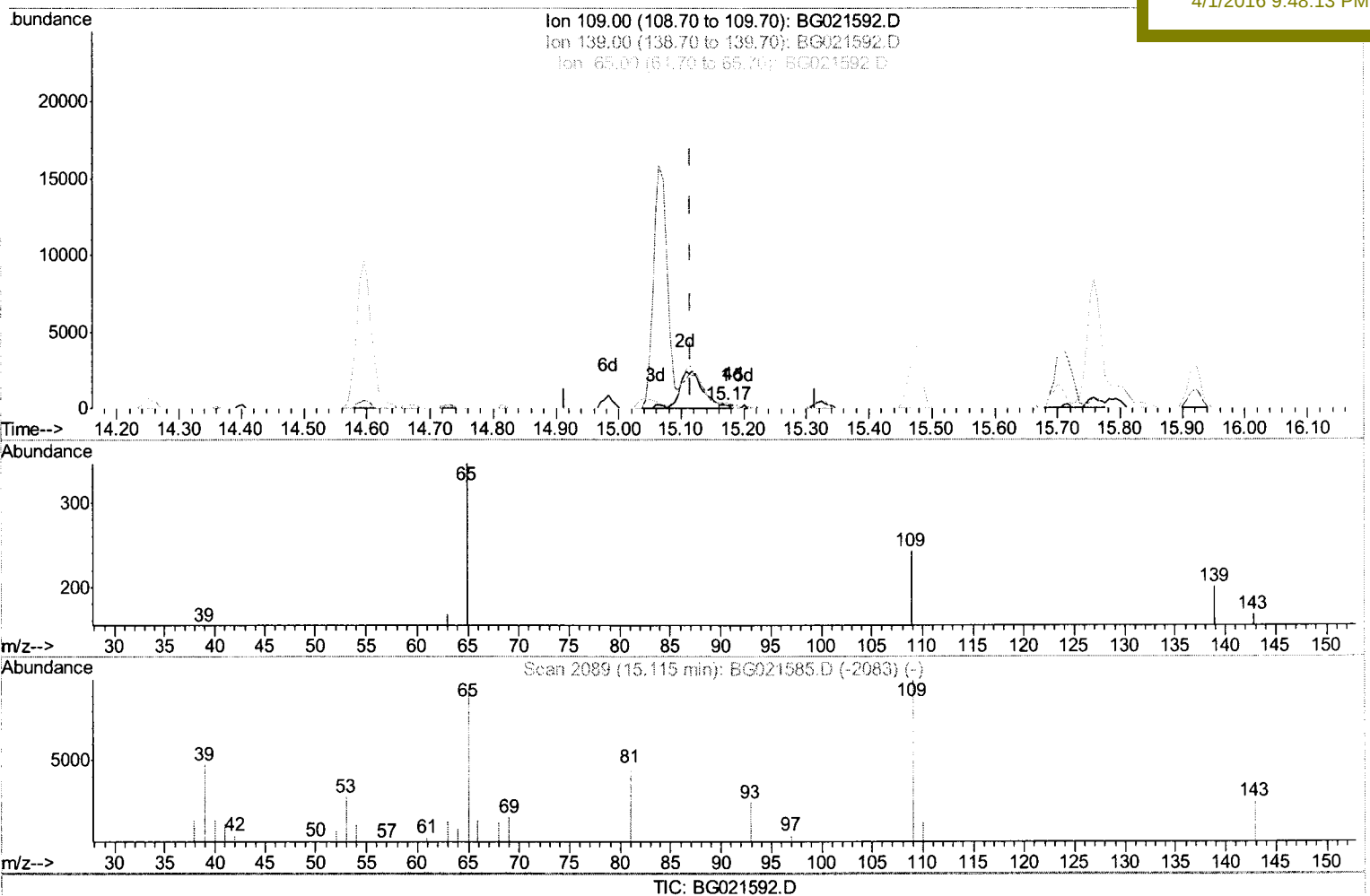
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(53) 4-Nitrophenol

15.171min (+0.056) 0.58ng/ul

response 234

Ion	Exp%	Act%
109.00	100	100
139.00	94.90	82.72
65.00	124.80	142.80
0.00	0.00	0.00

Quantitation Report (Qedit)

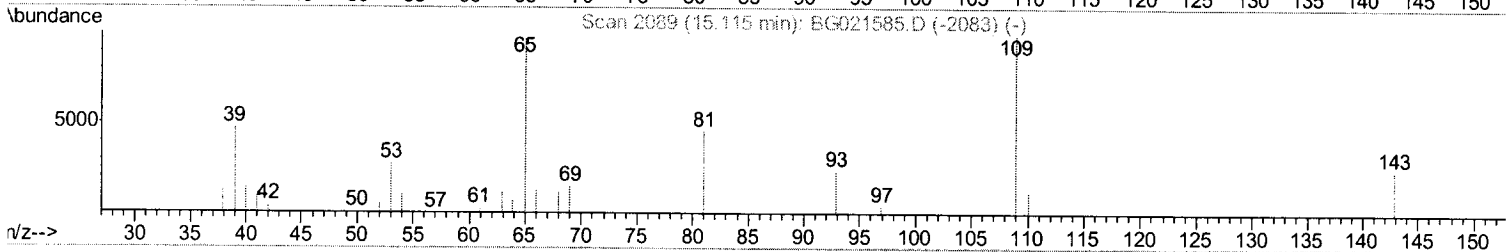
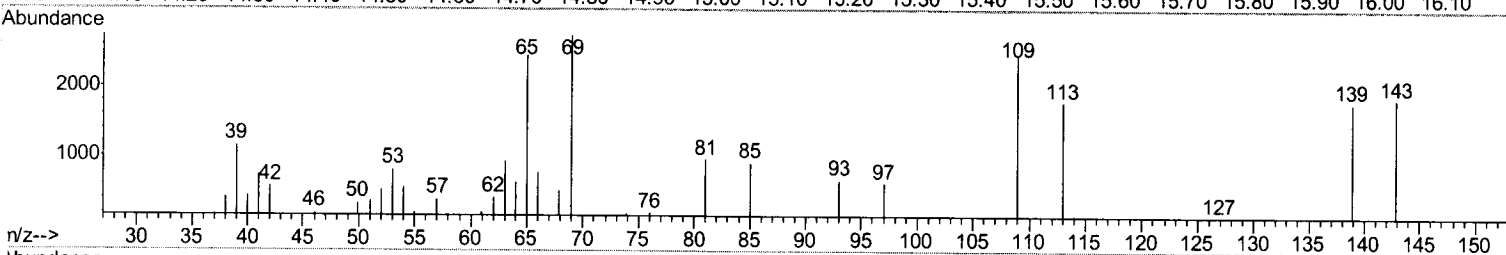
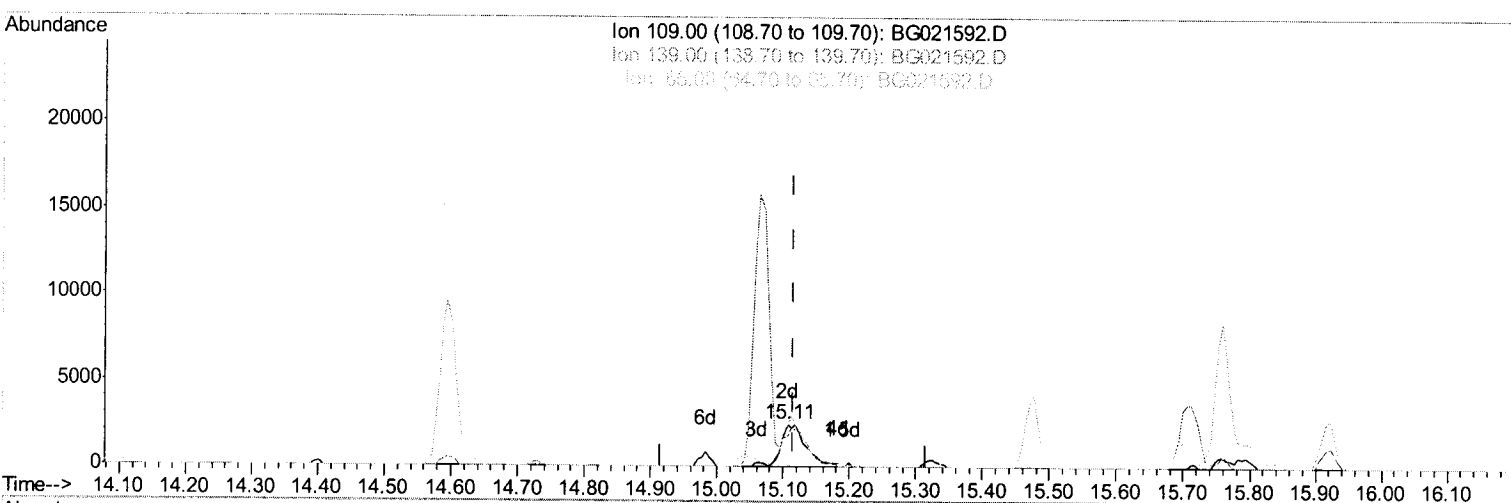
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TIC: BG021592.D

(53) 4-Nitrophenol

15.106min (-0.009) 15.49ng/ul m

response 6284

Ion	Exp%	Act%
109.00	100	100
139.00	94.90	73.01#
65.00	124.80	99.80#
0.00	0.00	0.00

U.M
 24/06/16

Quantitation Report (Qedit)

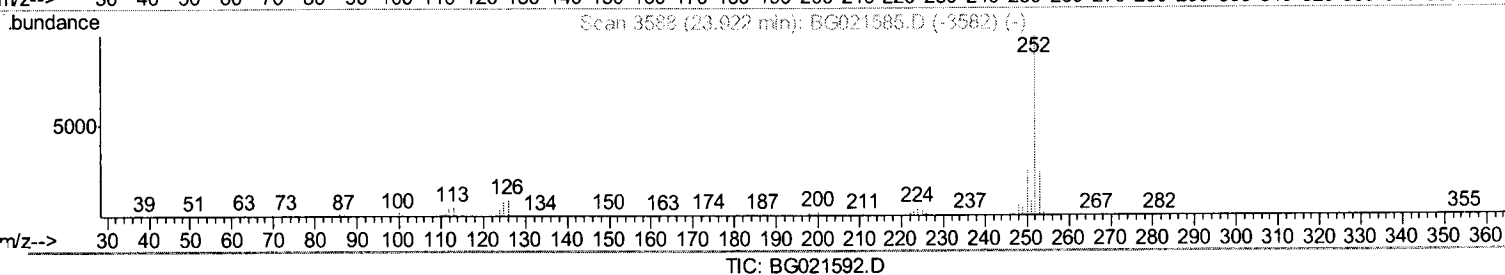
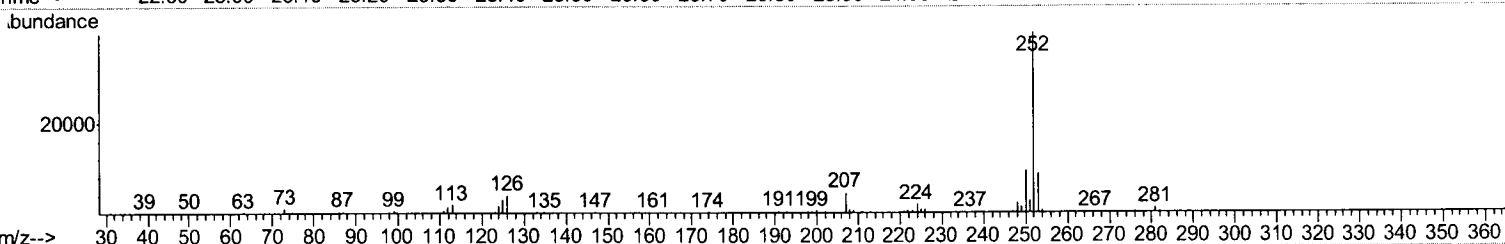
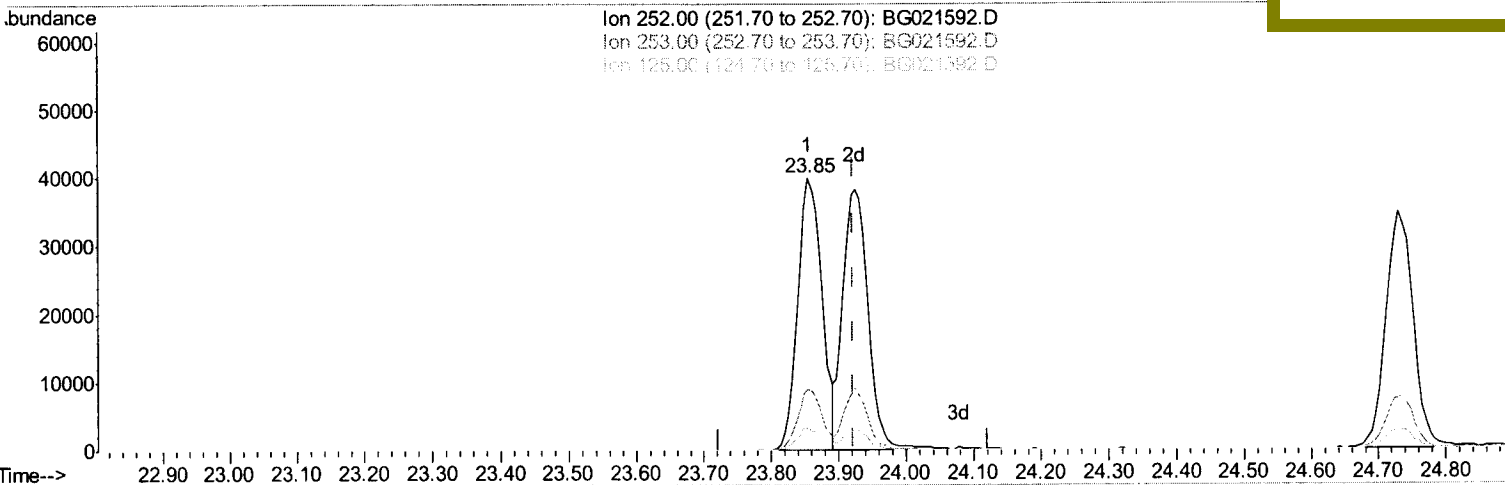
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TIC: BG021592.D

(89) Benzo(k)fluoranthene

23.855min (-0.067) 19.17ng/ul

response 99349

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.49
125.00	9.60	7.83
0.00	0.00	0.00

Quantitation Report (Qedit)

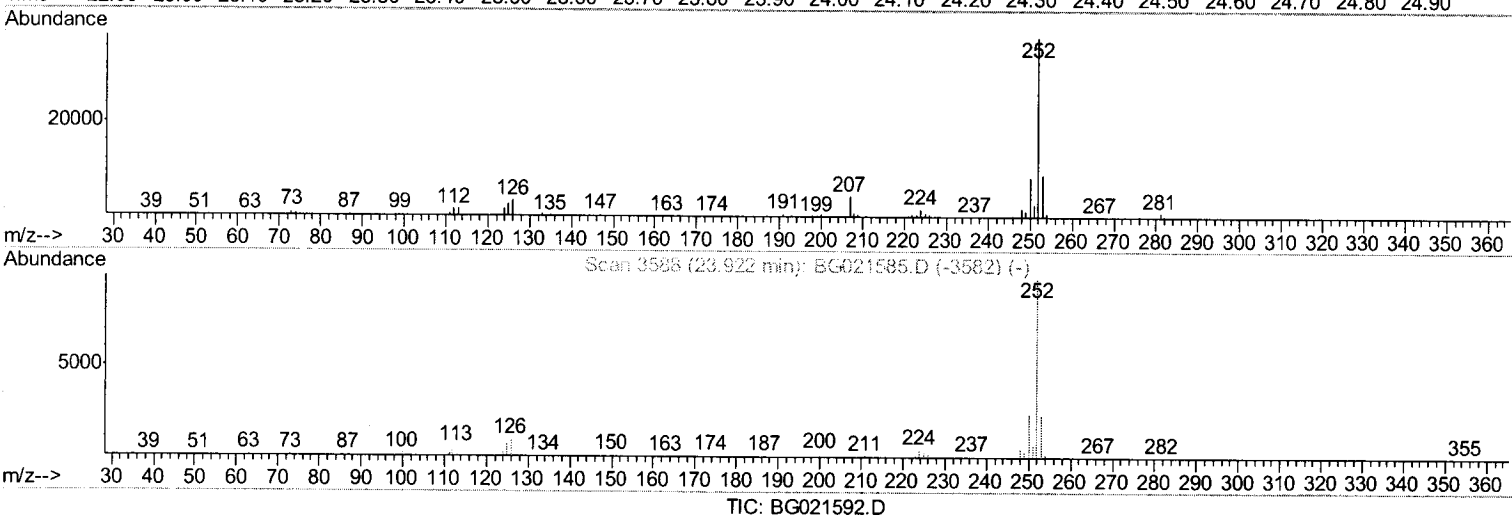
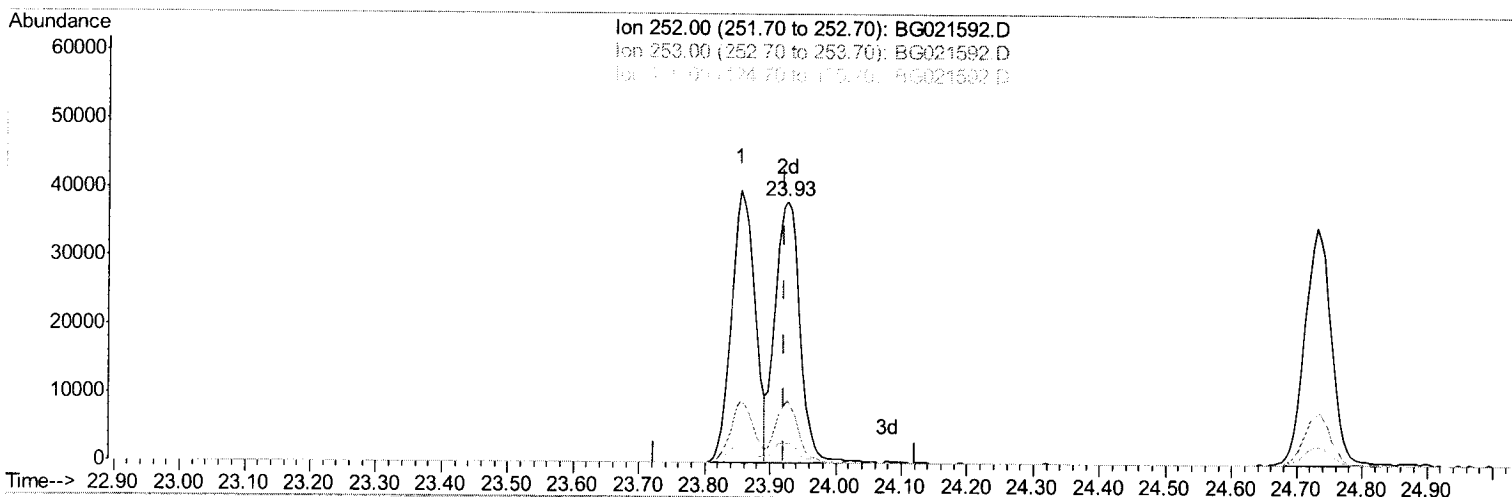
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(89) Benzo(k)fluoranthene

23.925min (+0.003) 19.33ng/ul m

response 100166

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	23.44
125.00	9.60	7.44#
0.00	0.00	0.00

U.M
 04/06/16

Quantitation Report (Qedit)

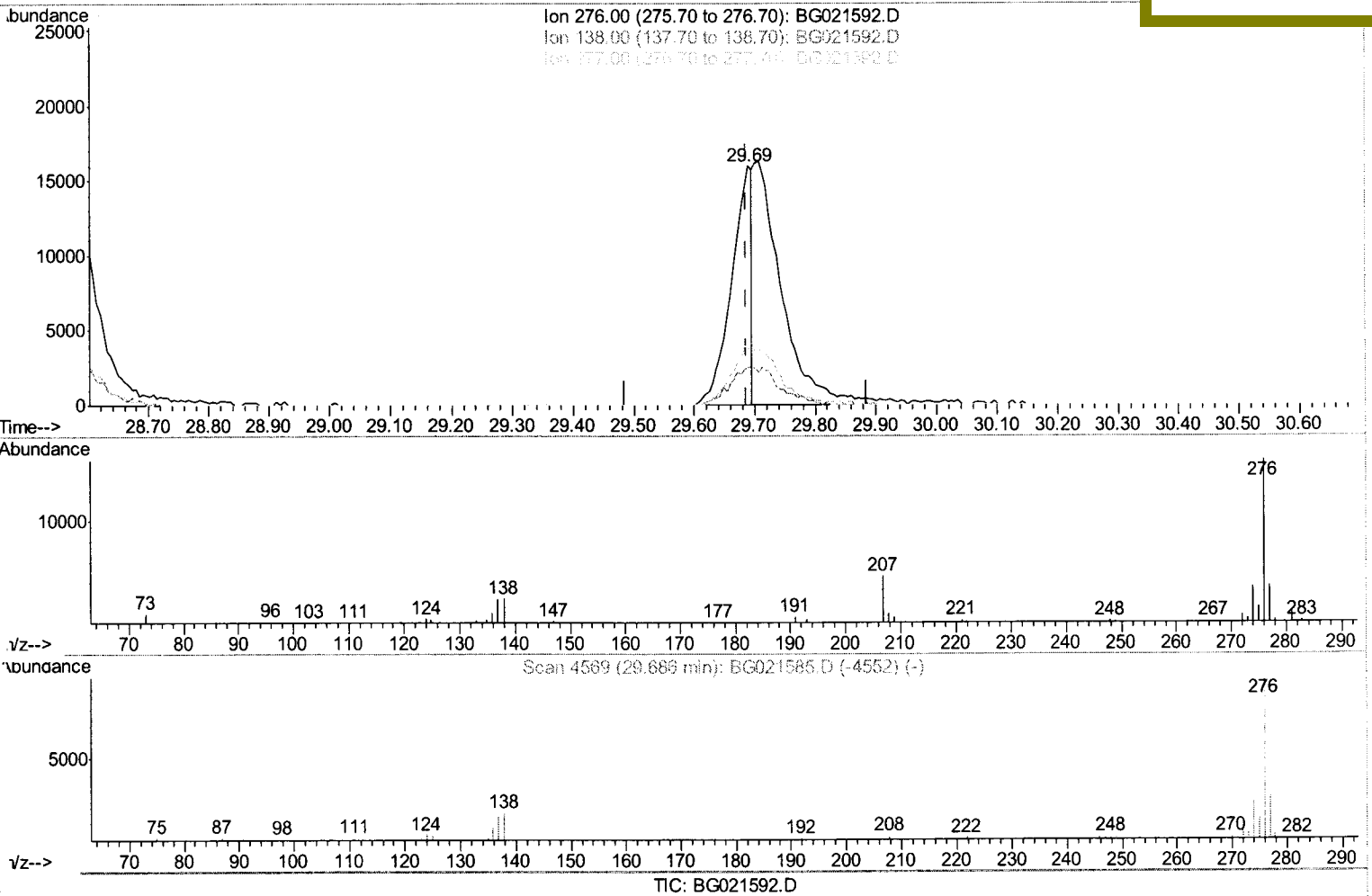
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(94) Benzo(g,h,i)perylene

29.689min (+0.003) 7.85ng/ul

response 37584

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	15.79
277.00	24.70	23.34
0.00	0.00	0.00

Quantitation Report (Qedit)

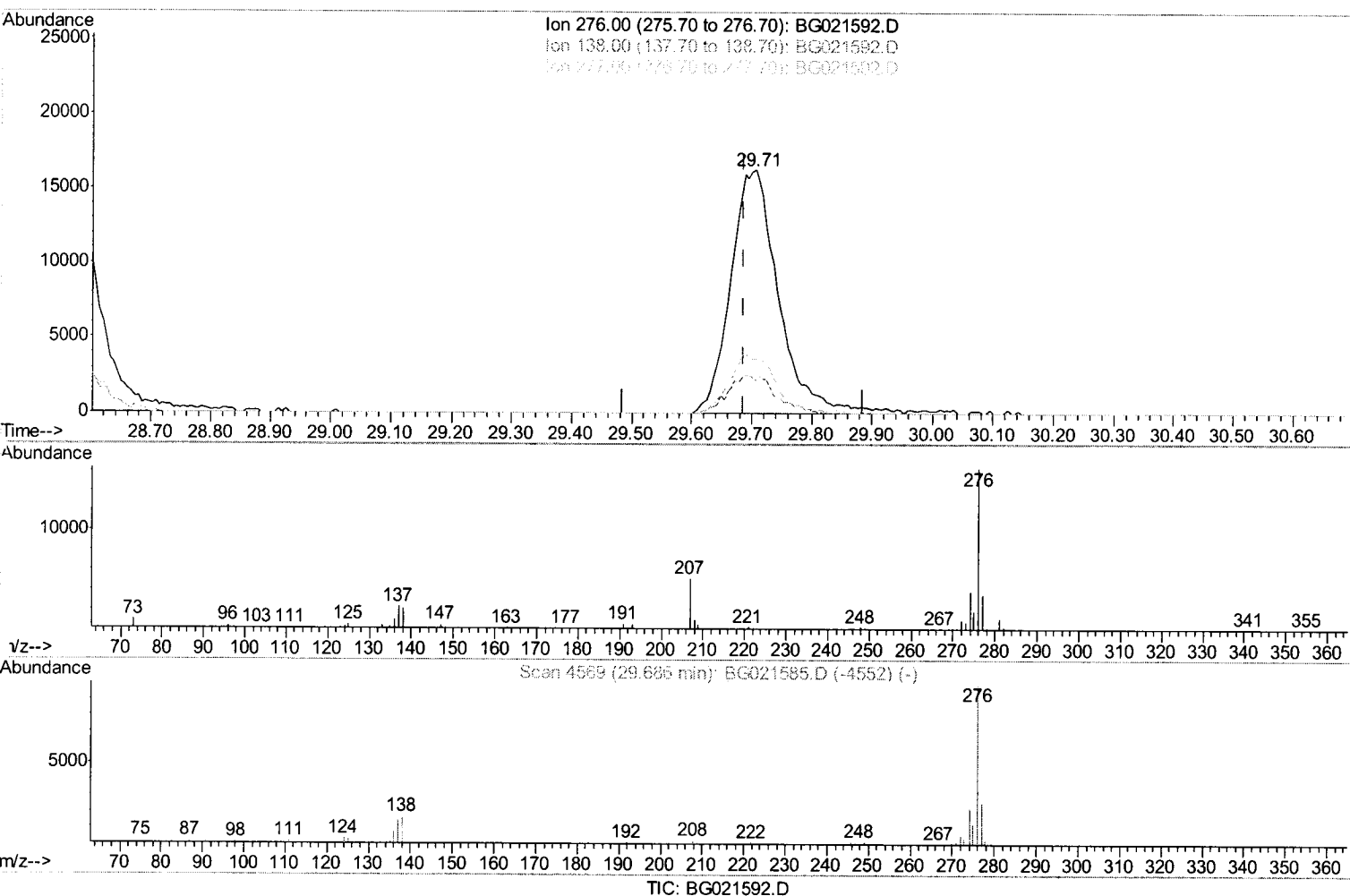
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(94) Benzo(g,h,i)perylene

29.707min (+0.021) 18.67ng/ul m U.M
 response 89360 04/06/16

Ion	Exp%	Act%
276.00	100	100
138.00	17.40	13.35#
277.00	24.70	22.11
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	10026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	46615	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	29381	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	74691	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	86005	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	82123	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.45	96	1895	8.48	ng/uL	0.00
5) Phenol-d5	7.34	99	16148	17.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	10671	19.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	13837	19.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	15988	19.69	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	6873	19.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	7729	19.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	14402	20.15	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	18783	20.11	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	48454	19.81	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	58182	19.29	ng/ul	0.00
52) 4-Nitrophenol-d4	15.10	143	5294	13.54	ng/ul	0.00
58) Fluorene-d10	15.66	176	42664	19.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	8372	16.97	ng/ul	0.00
71) Anthracene-d10	17.51	188	68814	18.80	ng/ul	0.00
79) Pyrene-d10	19.79	212	77770	19.39	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.66	264	71681	18.91	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.48	88	2323	7.70	ng/uL	87
4) Benzaldehyde	7.19	77	11206	19.40	ng/ul	86
6) Phenol	7.37	94	17901	17.86	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.47	93	13048	17.99	ng/ul	91
10) 2-Chlorophenol	7.66	128	13954	18.86	ng/ul	91
11) 2-Methylphenol	8.58	108	13968	18.11	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.58	45	15494	17.71	ng/ul#	1
14) Acetophenone	8.87	105	24057	18.16	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.85	70	13623	18.55	ng/ul#	94
16) 4-Methylphenol	8.91	108	15188	17.36	ng/ul	82
17) Hexachloroethane	9.13	117	5821	18.75	ng/ul#	92
20) Nitrobenzene	9.26	77	19162	19.40	ng/ul	91
21) Isophorone	9.78	82	34917	18.34	ng/ul#	97
23) 2-Nitrophenol	9.97	139	8675	19.66	ng/ul	91
24) 2,4-Dimethylphenol	10.08	107	19032	19.11	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.26	93	18430	18.58	ng/ul	97
27) 2,4-Dichlorophenol	10.59	162	14732	19.85	ng/ul	97
28) Naphthalene	10.91	128	46991	19.01	ng/ul	98
30) 4-Chloroaniline	11.03	127	19860	20.26	ng/ul	96
31) Hexachlorobutadiene	11.18	225	10329	18.90	ng/ul	95
32) Caprolactam	11.79	113	5228m	18.76	ng/ul	95
33) 4-Chloro-3-methylphenol	12.24	107	17880	19.73	ng/ul	95
34) 2-Methylnaphthalene	12.50	142	34716	18.93	ng/ul	94

S. U. M.
 04/06/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.72	142	33558	18.86	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	20106	19.55	ng/ul	89
38) Hexachlorocyclopentadiene	12.84	237	5853	15.54	ng/ul#	87
39) 2,4,6-Trichlorophenol	13.14	196	12058	19.94	ng/ul	93
40) 2,4,5-Trichlorophenol	13.31	196	13187	19.98	ng/ul#	84
41) 1,1'-Biophenyl	13.50	154	46729	19.44	ng/ul	94
42) 2-Chloronaphthalene	13.56	162	36210	19.26	ng/ul	96
43) 2-Nitroaniline	13.77	65	13106	19.99	ng/ul	88
45) Dimethylphthalate	14.12	163	48600	19.12	ng/ul	99
46) 2,6-Dinitrotoluene	14.25	165	10549	20.34	ng/ul	91
48) Acenaphthylene	14.40	152	58769	19.67	ng/ul	96
49) 3-Nitroaniline	14.60	138	10206	21.27	ng/ul#	85
50) Acenaphthene	14.73	153	39547	19.19	ng/ul	89
51) 2,4-Dinitrophenol	14.81	184	3449	13.20	ng/ul#	80
53) 4-Nitrophenol	15.11	109	6284m	15.49	ng/ul	
54) Dibenzofuran	15.07	168	57163	19.80	ng/ul	97
55) 2,4-Dinitrotoluene	15.04	165	15765	20.73	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.32	232	7883	16.34	ng/ul#	97
57) Diethylphthalate	15.48	149	52417	19.30	ng/ul	98
59) Fluorene	15.72	166	48965	19.40	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.70	204	25568	19.29	ng/ul	98
61) 4-Nitroaniline	15.76	138	10045	19.97	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.81	198	8719	16.73	ng/ul#	89
65) N-Nitrosodiphenylamine	15.92	169	44517	19.24	ng/ul	99
66) 4-Bromophenyl-phenylether	16.59	248	16962	19.44	ng/ul	90
67) Hexachlorobenzene	16.72	284	17896	19.45	ng/ul#	83
68) Atrazine	16.86	200	18246	19.55	ng/ul	98
69) Pentachlorophenol	17.09	266	3668	15.07	ng/ul	93
70) Phenanthrene	17.46	178	81795	19.34	ng/ul	99
72) Anthracene	17.54	178	82906	19.26	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	19834	18.97	ng/uL	97
74) Pentachlorobenzene	14.98	250	20275	18.68	ng/uL	92
75) Carbazole	17.83	167	70780	19.01	ng/ul	95
76) Di-n-butylphthalate	18.35	149	93707	19.51	ng/ul	99
77) Fluoranthene	19.45	202	98051	19.21	ng/ul#	94
80) Pvrene	19.82	202	100606	19.63	ng/ul#	94
81) Butylbenzylphthalate	20.68	149	41669	19.25	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.56	252	33851	18.98	ng/ul#	95
83) Benzo(a)anthracene	21.65	228	99904	19.24	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	60298	19.05	ng/ul	99
85) Chrysene	21.72	228	93624	19.04	ng/ul	99
87) Di-n-octyl phthalate	22.72	149	104796	18.80	ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	99349	18.83	ng/ul	98
89) Benzo(k)fluoranthene	23.93	252	100166m	19.33	ng/ul	
91) Benzo(a)pyrene	24.73	252	97159	18.97	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.56	276	108368	18.62	ng/ul	98
93) Dibenzo(a,h)anthracene	28.60	278	91377	18.46	ng/ul#	93
94) Benzo(a,h,i)perylene	29.71	276	89360m	18.67	ng/ul	

U.M
 04/06/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed