

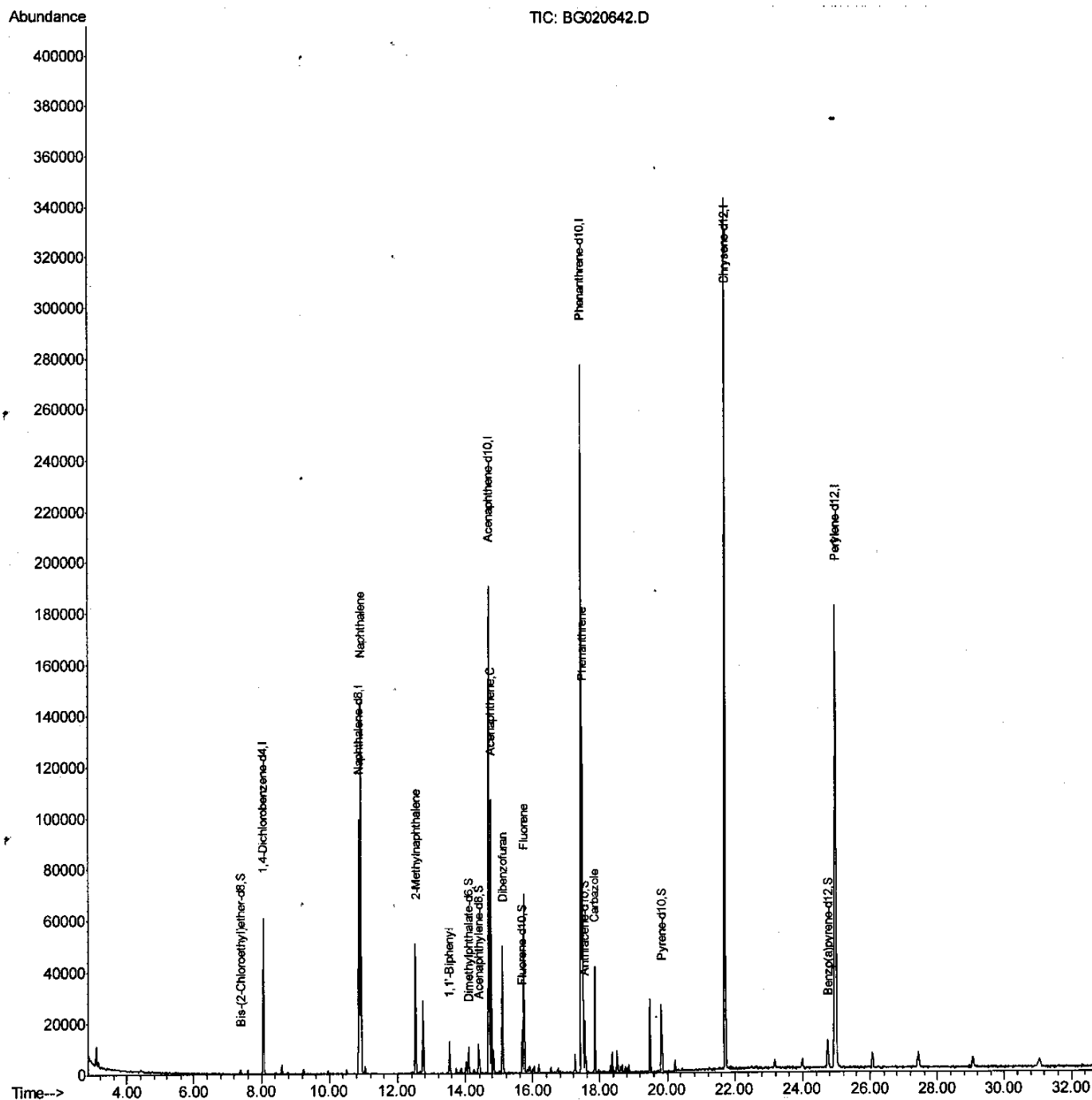
Data Path : Z:\HPCHEM1\BNA G\DATA\BG123115\
Data File : BG020642.D
Acq On : 31 Dec 2015 15:17
Operator : UM/SJ
Sample : G4846-17DL 50X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9N63DL

Manual Integrations
APPROVED

UMANGI
1/4/2016 5:35:21 PM

Quant Time: Jan 02 02:07:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 01 03:15:46 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

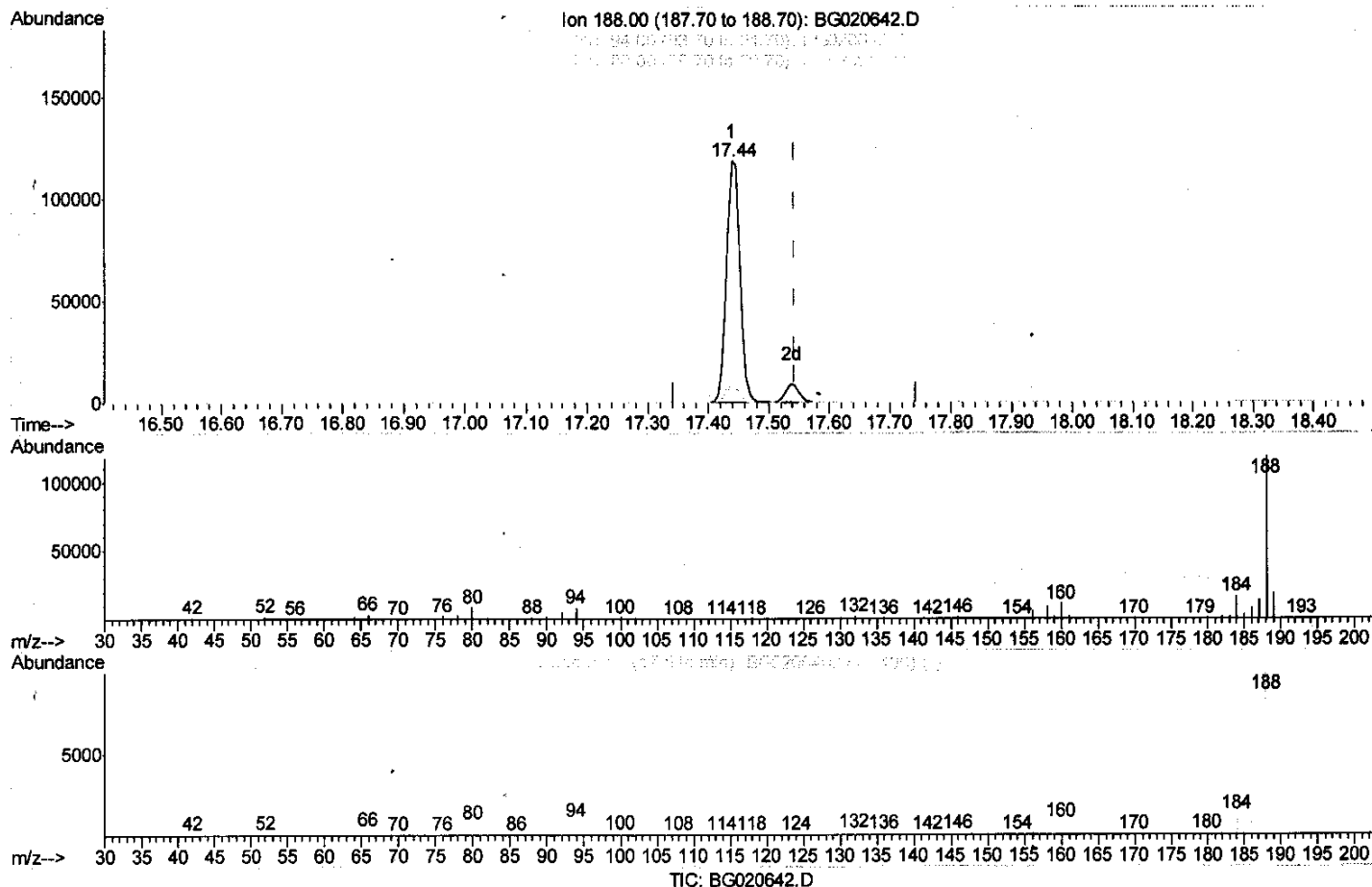
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(71) Anthracene-d10 (S)

17.439min (-0.105) 21.46ng/ul

response 182109

Ion	Exp%	Act%
188.00	100	100
94.00	8.30	7.20
80.00	7.70	7.56
0.00	0.00	0.00

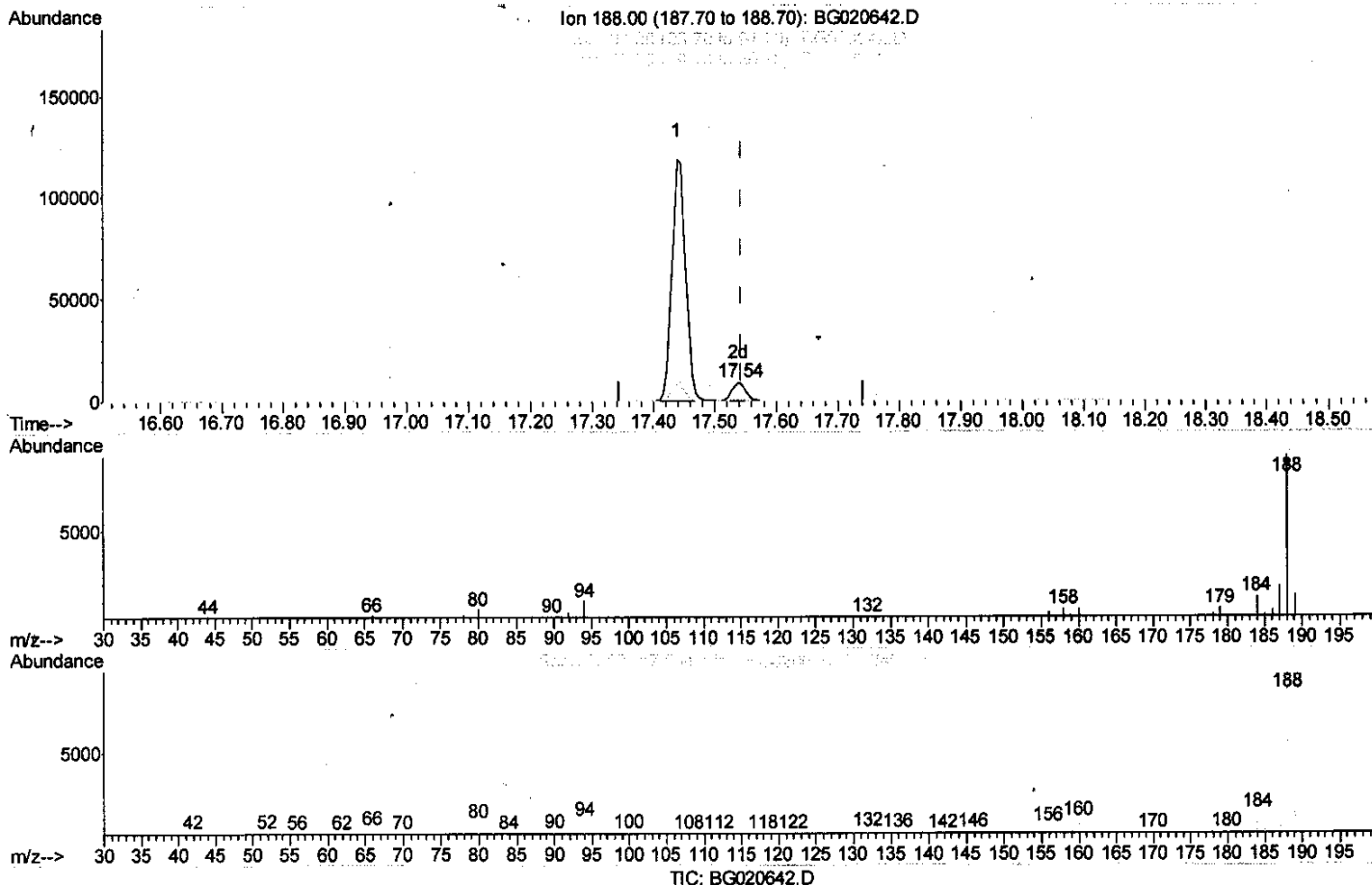
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(71) Anthracene-d10 (S)

17.539min (-0.005) 1.66ng/ul m

response 14081

Ion	Exp%	Act%
188.00	100	100
94.00	8.30	11.68#
80.00	7.70	6.31
0.00	0.00	0.00

U.M
1/2/16

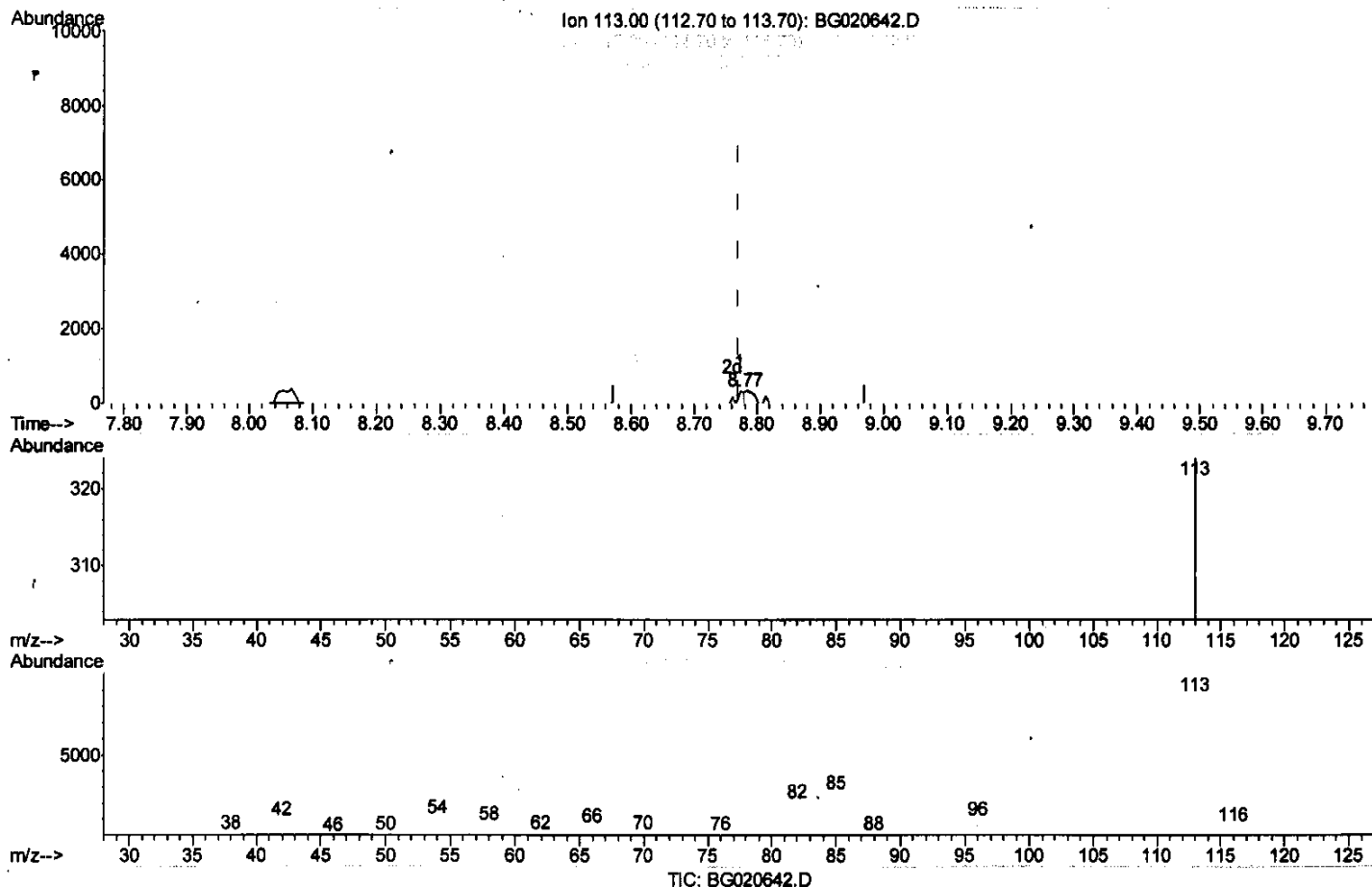
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Manual Integrations
APPROVED

UMANGI
1/4/2016 5:35:21 PM

Quant Time: Jan 01 03:44:24 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



(13) 4-Methylphenol-d8 (S)

8.773min (+0.001) 0.16ng/ul

response 216

Ion	Exp%	Act%
113.00	100	100
115.00	89.70	93.52
54.00	13.30	0.00#
0.00	0.00	0.00

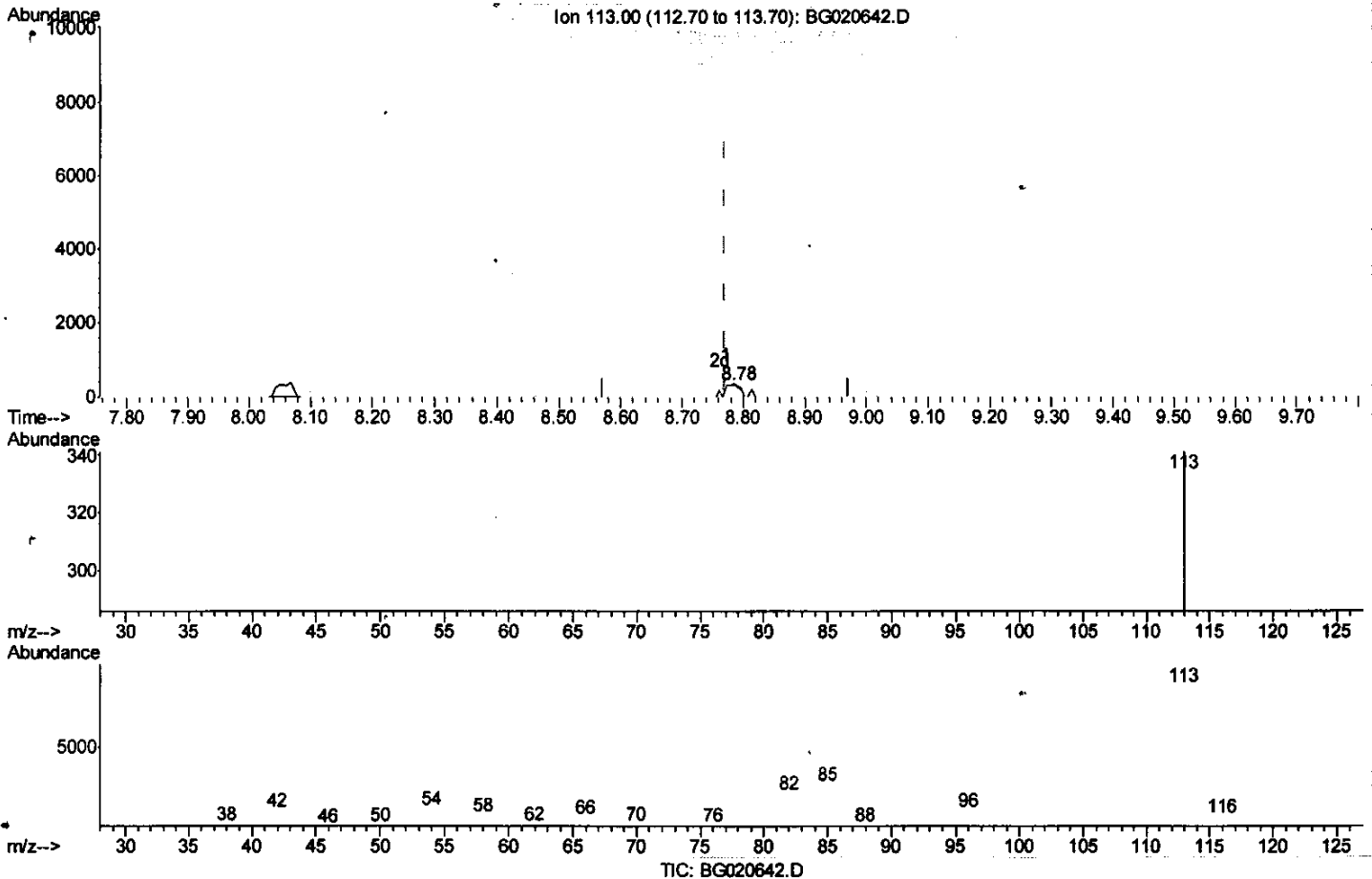
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 Data File : BG020642.D
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 Sample : G4846-17DL 50X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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(13) 4-Methylphenol-d8 (S)

8.785min (+0.013) 0.43ng/ul m

response 585

Ion	Exp%	Act%
113.00	100	100
115.00	89.70	83.87
54.00	13.30	0.00#
0.00	0.00	0.00

U.M
 1/2/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	18693	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	87035	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	67775	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	182109	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	219030	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	209291	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	7.39	67	1050	1.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	1020	0.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	585m	0.43	ng/ul	0.01
19) Nitrobenzene-d5	9.24	128	559	0.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	699	0.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	1278	0.86	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	8000	1.44	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	9487	1.51	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	8438	1.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	317	0.29	ng/ul	0.00
71) Anthracene-d10	17.54	188	14081m	1.66	ng/ul	0.00
79) Pyrene-d10	19.82	212	15582	1.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	15889	1.52	ng/ul	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.93	128	127993	27.77	ng/ul	99
34) 2-Methylnaphthalene	12.53	142	24200	7.02	ng/ul	97
41) 1,1'-Biophenyl	13.53	154	8207	1.61	ng/ul	99
50) Acenaphthene	14.76	153	46550	10.25	ng/ul	97
54) Dibenzofuran	15.09	168	36564	5.33	ng/ul	98
59) Fluorene	15.74	166	33635	6.09	ng/ul	99
70) Phenanthrene	17.49	178	94265	9.52	ng/ul	99
75) Carbazole	17.84	167	31417	3.68	ng/ul	98

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