

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019424.D
 Acq On : 29 Oct 2015 19:23
 Operator : UM/NP
 Sample : G4120-16DL2 20X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS4DL2

Manual Integrations
 APPROVED

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 10/30/2015 6:32:31 PM

Quant Time: Oct 30 12:28:11 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 30 04:25:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	37169	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	155426m	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	116129m	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	288360m	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	347153m	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	311089m	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.52	96	132	0.17	ng/uL	0.00
5) Phenol-d5	7.36	99	1415	0.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	3273	1.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	2435	1.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	2268	0.83	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	1733	1.52	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	1648	1.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	4228	1.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.40	131	568	0.19	ng/ul	0.24
44) Dimethylphthalate-d6	14.23	166	13519m	1.41	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	16949m	1.60	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.82	176	15941m	1.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	2044m	1.10	ng/ul	0.00
71) Anthracene-d10	17.67	188	22255m	1.69	ng/ul	0.00
79) Pyrene-d10	19.95	212	22122m	1.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.00	264	24009m	1.54	ng/ul	-0.02

Target Compounds

					Ovalue	
6) Phenol	7.39	94	9384	2.58	ng/ul#	76
11) 2-Methylphenol	8.66	108	26207	9.75	ng/ul	98
16) 4-Methylphenol	8.98	108	116300	39.62	ng/ul	94
24) 2,4-Dimethylphenol	10.19	107	123131m	30.61	ng/ul	
28) Naphthalene	11.08	128	33205	4.27	ng/ul	98

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

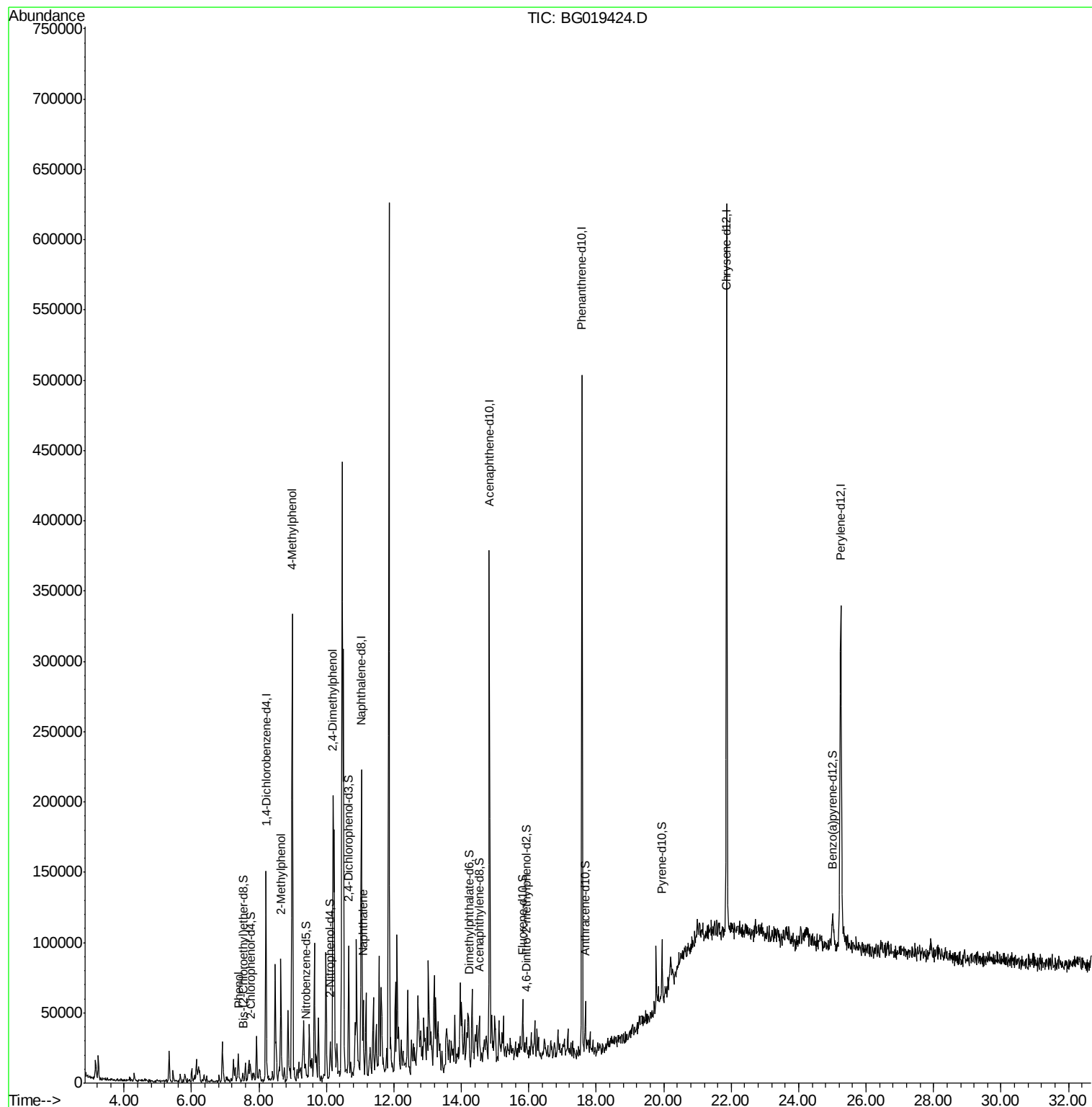
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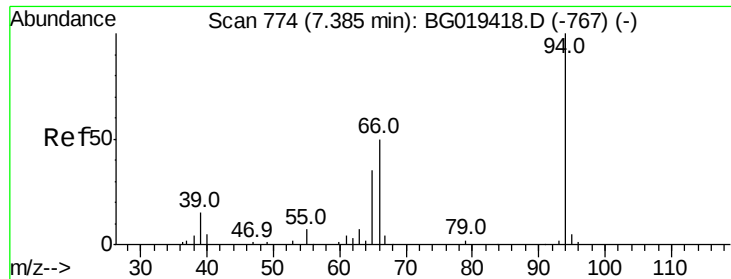
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#6

Phenol

Concen: 2.58 ng/ul

RT: 7.39 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

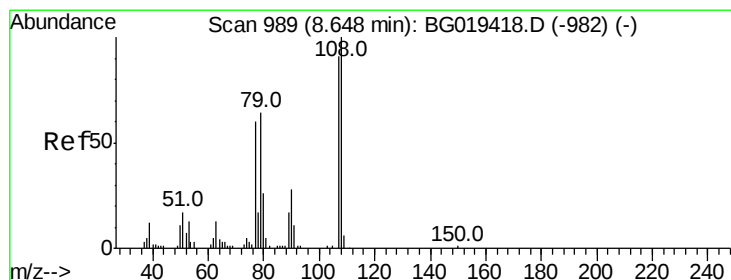
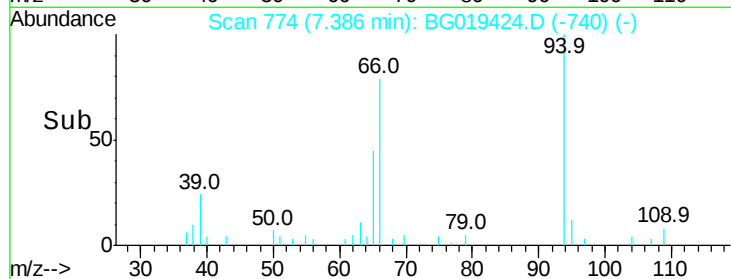
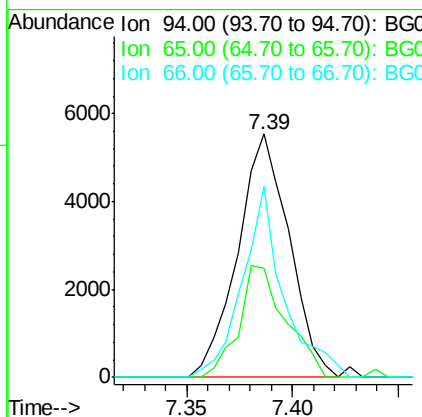
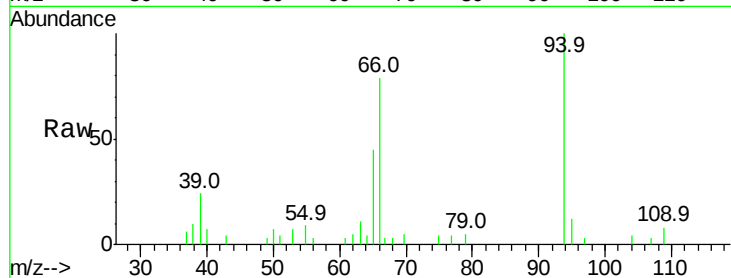
ClientSampleId :

E5LS4DL2

Tot Ion:	94	Resp:	9384
Ion Ratio	Lower	Upper	
94	100		
65	44.7	29.3	43.9#
66	78.6	45.0	67.6#

Manual Integrations
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#11

2-Methylphenol

Concen: 9.75 ng/ul

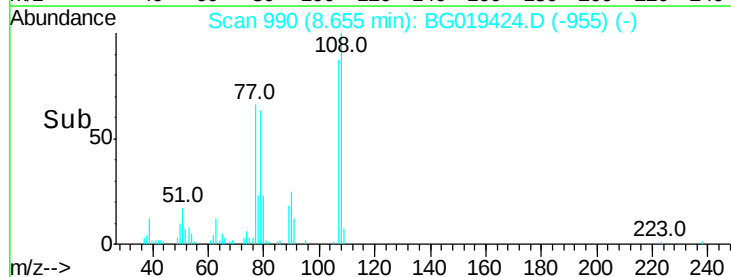
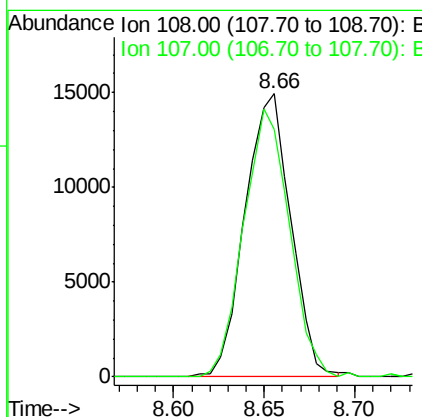
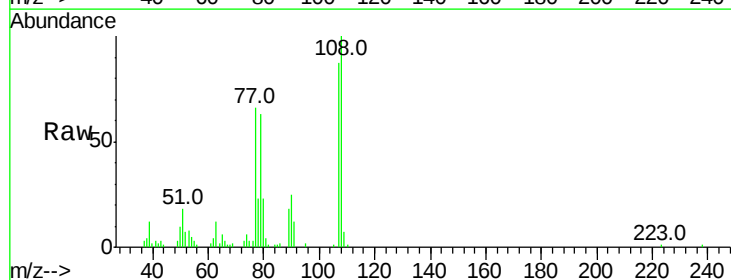
RT: 8.66 min Scan# 990

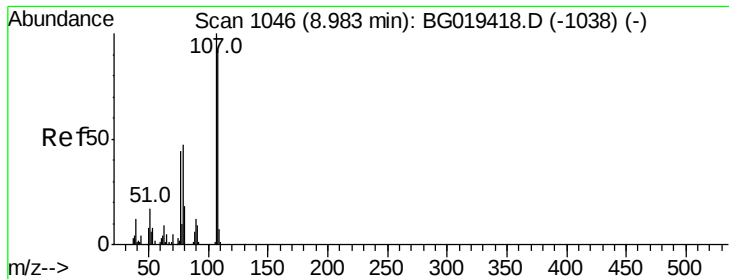
Delta R.T. 0.01 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Tgt Ion:	108	Resp:	26207
Ion Ratio	Lower	Upper	
108	100		
107	87.3	71.2	106.8





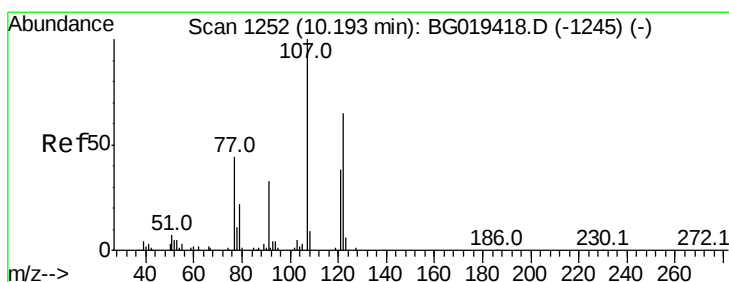
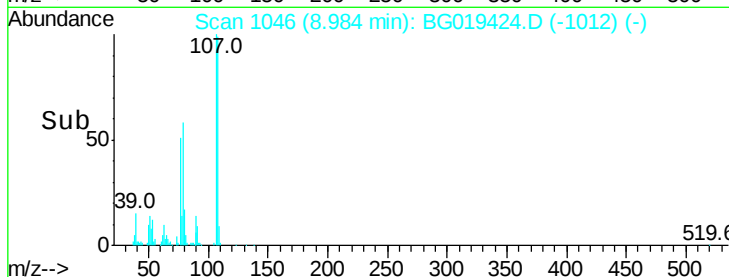
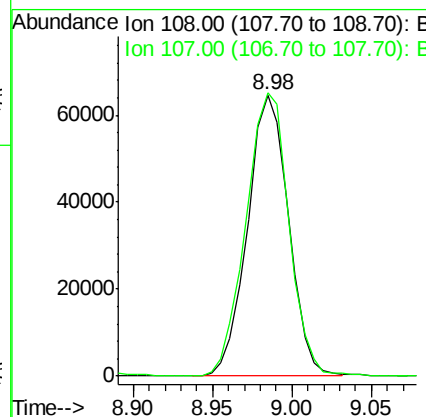
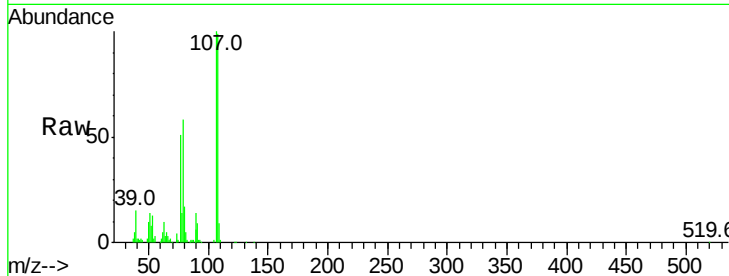
#16
4-Methylphenol
Concen: 39.62 ng/ul
RT: 8.98 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BG019424.D
Acq: 29 Oct 2015 19:23

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
108	100	116300		
107	100.8	85.4	128.2	

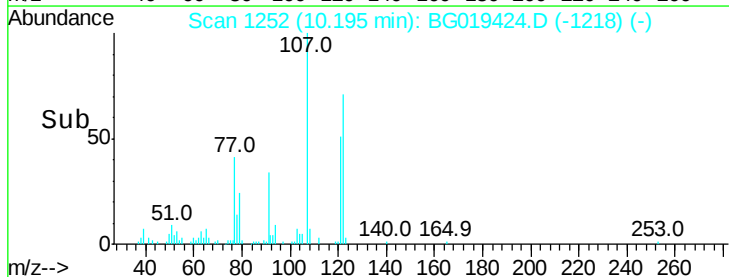
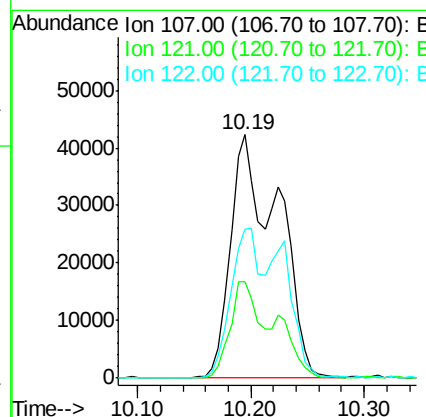
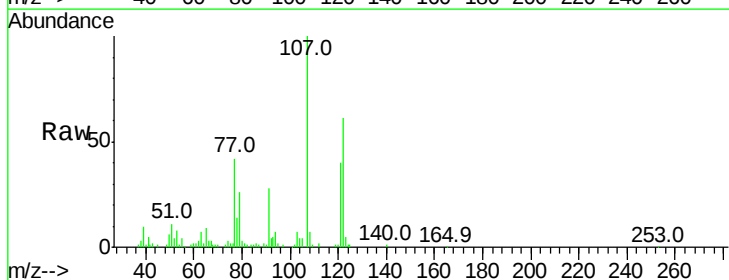
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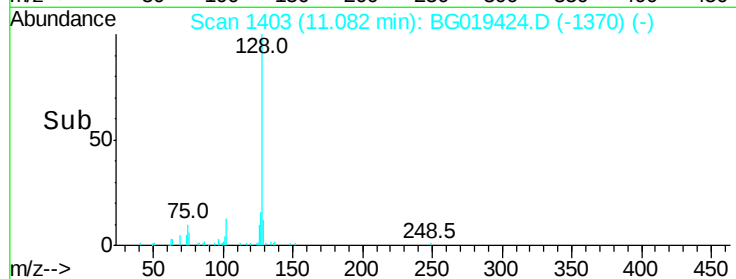
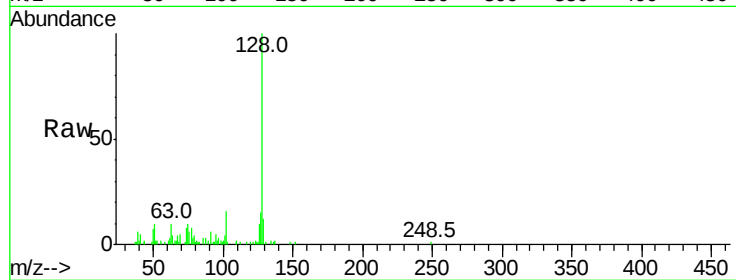
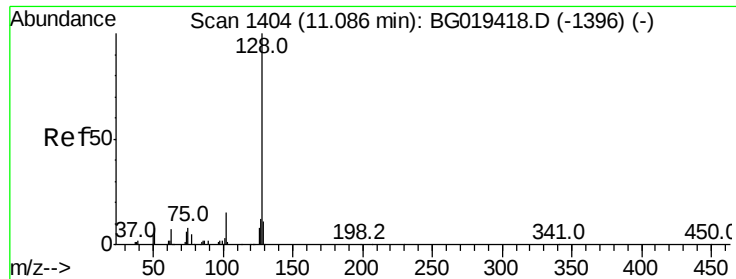
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#24
2,4-Dimethylphenol
Concen: 30.61 ng/ul m
RT: 10.19 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BG019424.D
Acq: 29 Oct 2015 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	123131		
121	39.5	33.0	49.4	
122	61.3	54.2	81.2	





#28

Naphthalene

Concen: 4.27 ng/ul

RT: 11.08 min Scan# 1403

Delta R.T. -0.00 min

Lab File: BG019424.D

Acq: 29 Oct 2015 19:23

Instrument :

BNA_G

ClientSampleId :

E5LS4DL2

Tot Ion:	128	Resp:	33205
Ion Ratio	Lower	Upper	
128	100		
129	11.6	8.9	13.3
127	15.4	13.1	19.7

Manual Integrations
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