

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102815\
 Data File : BG019425.D
 Acq On : 29 Oct 2015 20:01
 Operator : UM/NP
 Sample : G4120-17DL 25X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LS6DL

Manual Integrations
 APPROVED

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 10/30/2015 6:32:32 PM

Quant Time: Oct 30 12:33:47 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	8.20	152	35160	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	142043	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	109632	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	280549	20.00	ng/ul	0.00
78) Chrysene-d12	21.86	240	334915	20.00	ng/ul	0.00
86) Perylene-d12	25.25	264	299642	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	430	0.59	ng/uL	0.00
5) Phenol-d5	7.36	99	1207	0.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	2976	1.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	2214	1.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	1925	0.75	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	1612	1.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	1574	1.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	3702	1.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	1298	0.48	ng/ul	0.02
44) Dimethylphthalate-d6	14.23	166	12896	1.43	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	16802	1.68	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	88	0.06	ng/ul	0.00
58) Fluorene-d10	15.82	176	15503	1.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	2117	1.17	ng/ul	-0.01
71) Anthracene-d10	17.67	188	21020	1.64	ng/ul	0.00
79) Pyrene-d10	19.95	212	22837	1.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.00	264	21143m	1.41	ng/ul	-0.02

Target Compounds

						Ovalue
6) Phenol	7.39	94	16743	4.87	ng/ul	95
11) 2-Methylphenol	8.65	108	57594	22.65	ng/ul	98
16) 4-Methylphenol	8.99	108	230049	82.85	ng/ul	93
24) 2,4-Dimethylphenol	10.19	107	220326m	59.93	ng/ul	
28) Naphthalene	11.09	128	39379	5.54	ng/ul#	91

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

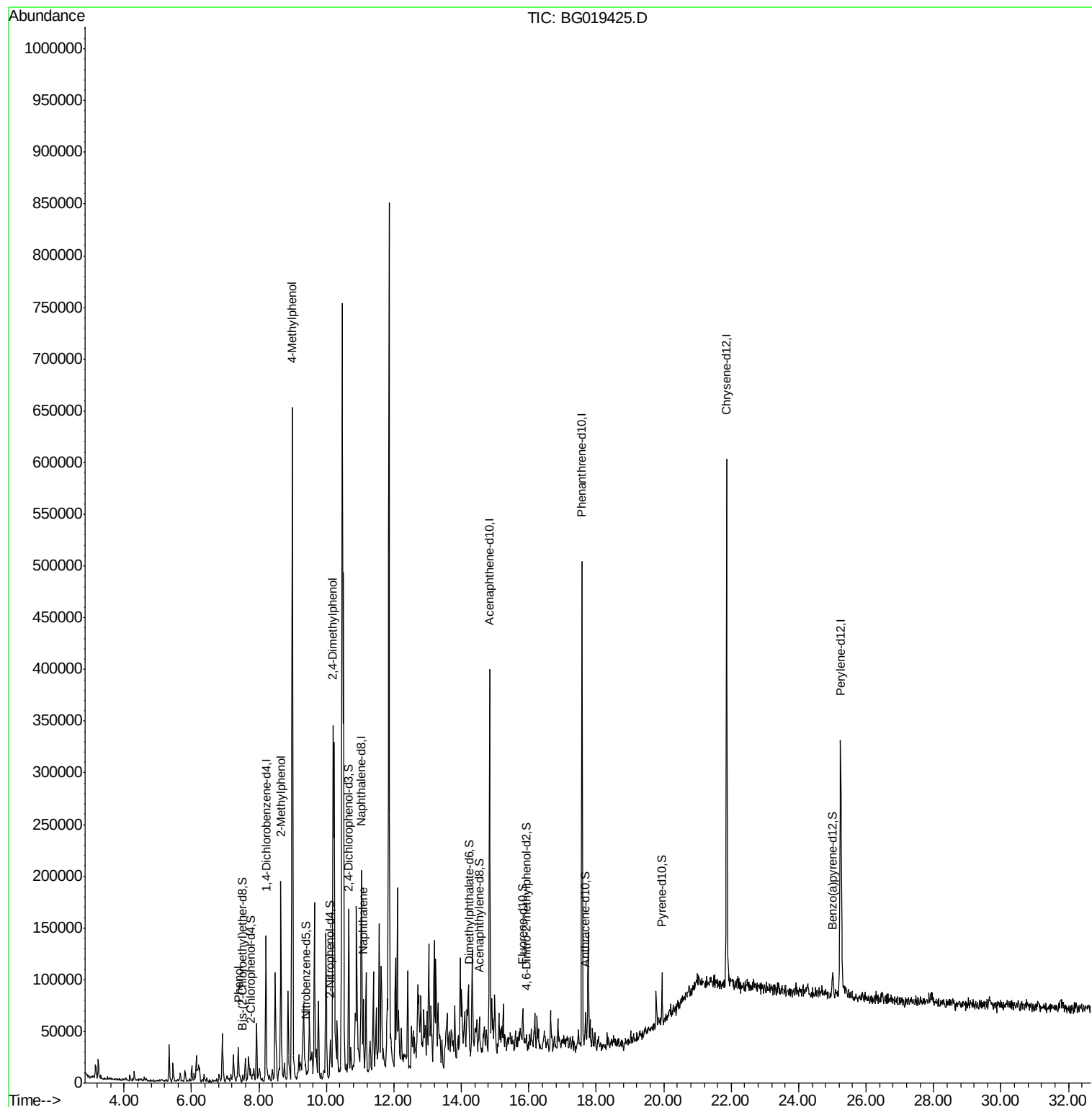
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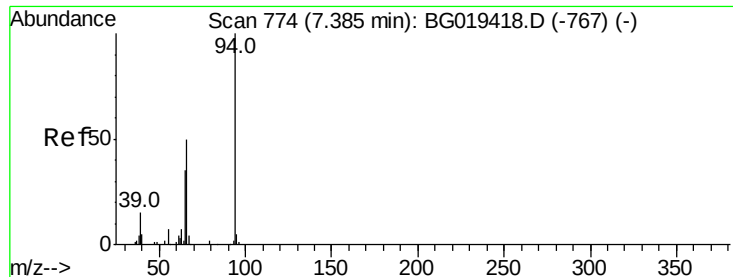
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#6

Phenol

Concen: 4.87 ng/ul

RT: 7.39 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG019425.D

Acq: 29 Oct 2015 20:01

Instrument :

BNA_G

ClientSampleId :

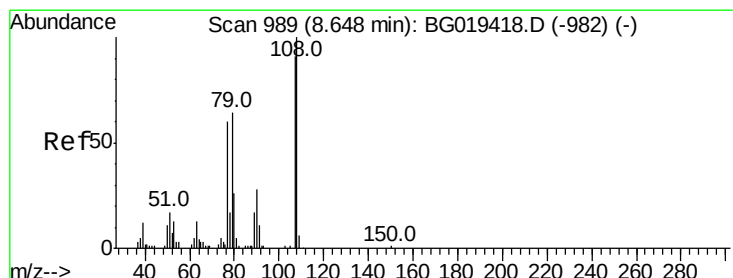
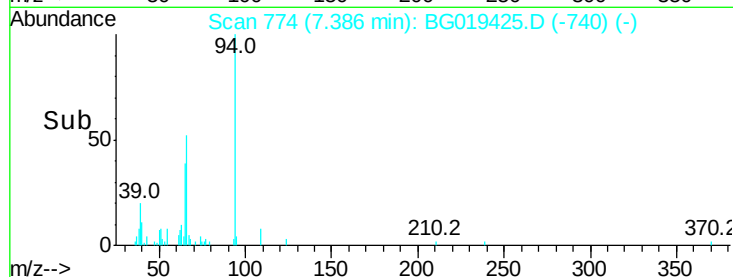
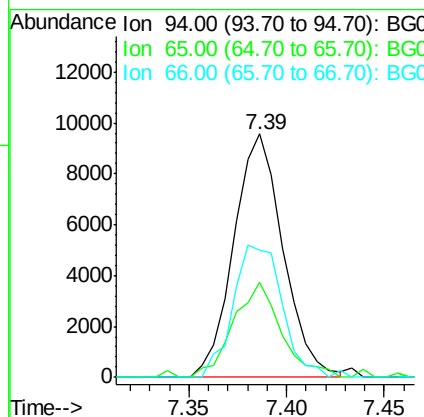
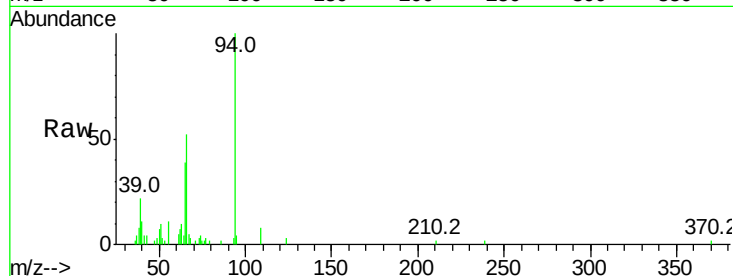
E5LS6DL

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Tot Ion:	94	Resp:	16743
Ion	Ratio	Lower	Upper
94	100		
65	39.1	29.3	43.9
66	52.5	45.0	67.6



#11

2-Methylphenol

Concen: 22.65 ng/ul

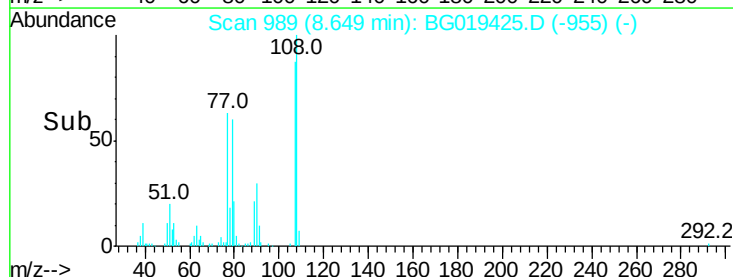
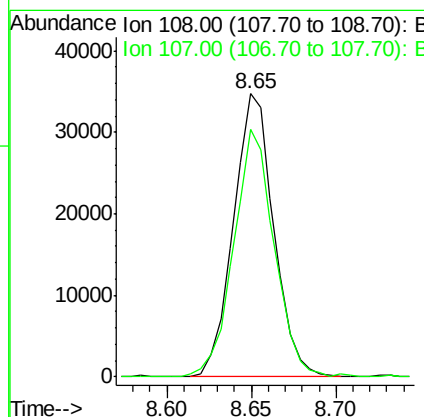
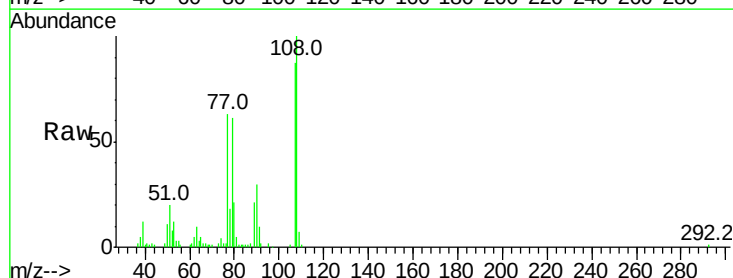
RT: 8.65 min Scan# 989

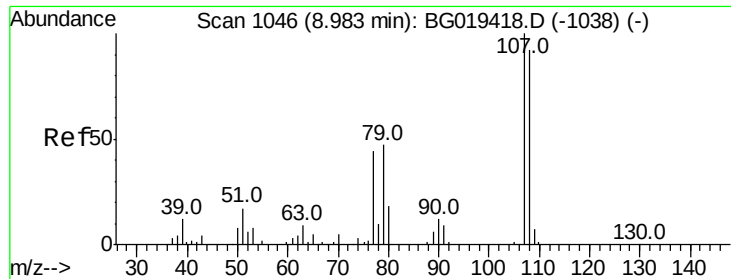
Delta R.T. 0.00 min

Lab File: BG019425.D

Acq: 29 Oct 2015 20:01

Tgt Ion:	108	Resp:	57594
Ion	Ratio	Lower	Upper
108	100		
107	87.4	71.2	106.8





#16

4-Methylphenol

Concen: 82.85 ng/ul

RT: 8.99 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BG019425.D

Acq: 29 Oct 2015 20:01

Instrument :

BNA_G

ClientSampleId :

E5LS6DL

Tot Ion:108 Resp: 230049

Ion Ratio Lower Upper

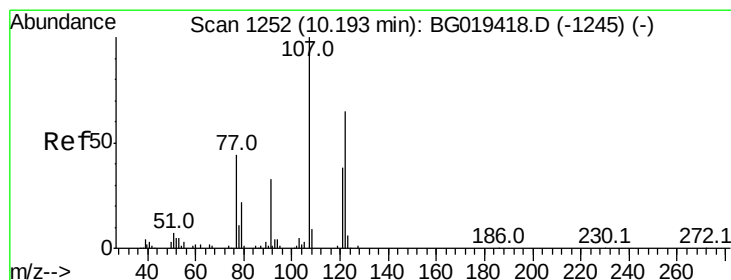
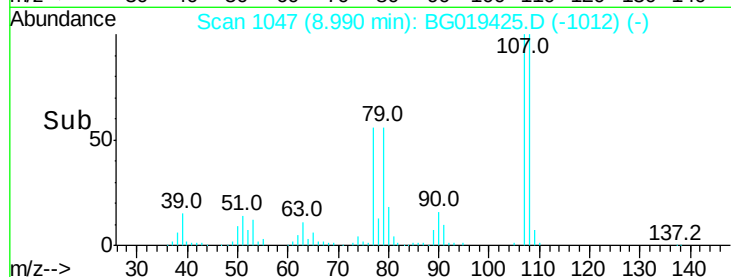
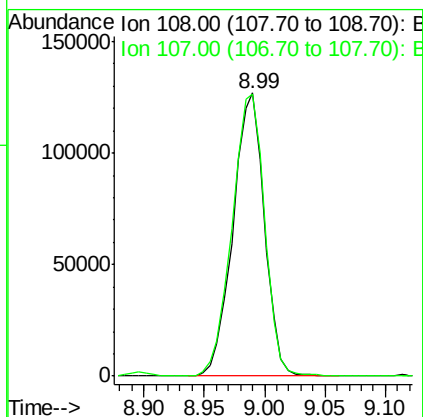
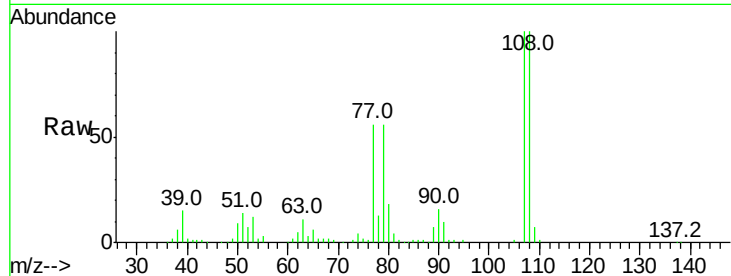
108 100

107 99.7 85.4 128.2

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#24

2,4-Dimethylphenol

Concen: 59.93 ng/ul m

RT: 10.19 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BG019425.D

Acq: 29 Oct 2015 20:01

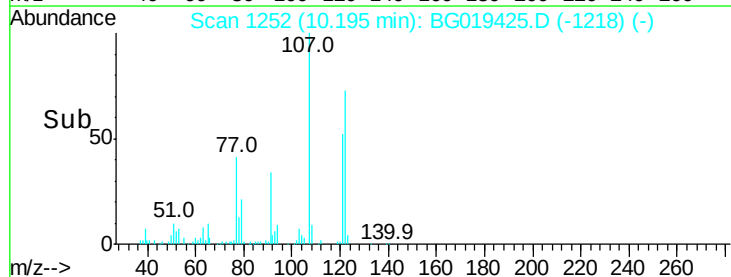
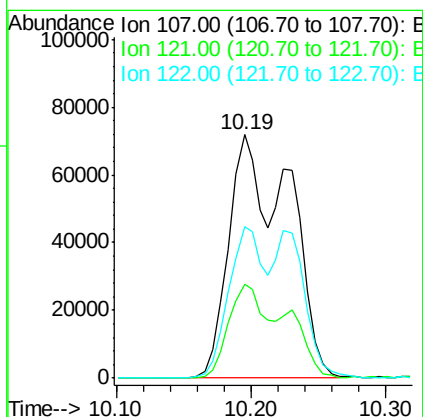
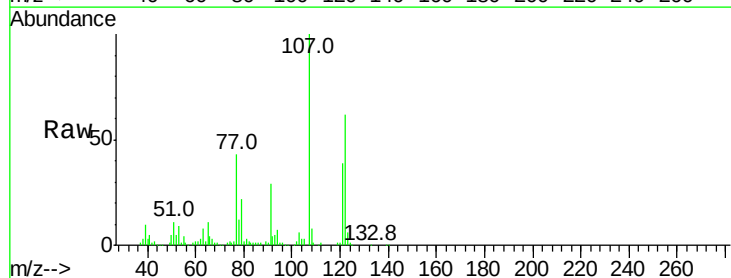
Tgt Ion:107 Resp: 220326

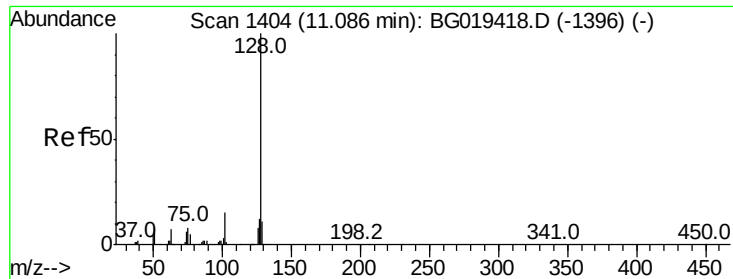
Ion Ratio Lower Upper

107 100

121 38.5 33.0 49.4

122 62.4 54.2 81.2





#28
Naphthalene
Concen: 5.54 ng/ul
RT: 11.09 min Scan# 1404
Delta R.T. 0.00 min
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Instrument :
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Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.9	13.3
127	10.9	13.1	19.7#

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