

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100415\
 Data File : BG019018.D
 Acq On : 4 Oct 2015 23:27
 Operator : UM/NP
 Sample : G3831-02DL 50X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP3DL

Quant Time: Oct 05 02:07:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG100415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 05 02:06:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25534	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	105993	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	68838	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	171443	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	213452	20.00	ng/ul	0.00
86) Perylene-d12	24.89	264	208483	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	7.20	99	82	0.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	868	0.61	ng/ul	0.01
9) 2-Chlorophenol-d4	7.58	132	864	0.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	566	0.33	ng/ul	0.00
19) Nitrobenzene-d5	9.20	128	485	0.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	585	0.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	970	0.59	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.07	166	4159	0.77	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	5273	0.79	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.66	176	4350	0.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	328	0.35	ng/ul	0.00
71) Anthracene-d10	17.41	188	171443	21.24	ng/ul	-0.10
79) Pyrene-d10	19.79	212	7977	0.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.67	264	8146	0.76	ng/ul	0.00

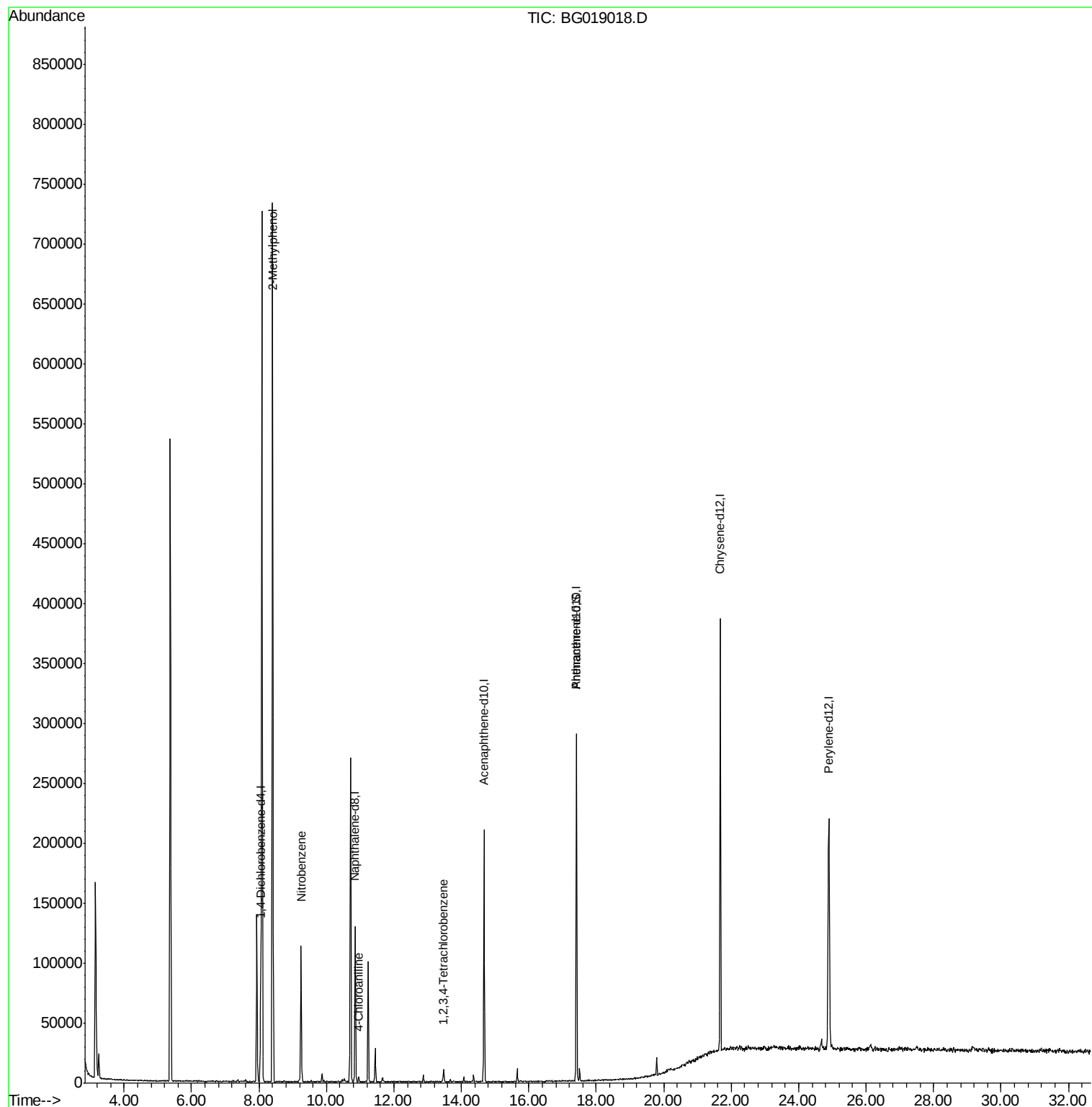
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) 2-Methylphenol	8.40	108	2797	1.62	ng/ul	88
20) Nitrobenzene	9.25	77	65020	32.60	ng/ul	98
30) 4-Chloroaniline	10.95	127	2952	1.42	ng/ul	90
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	3755	1.62	ng/uL	93

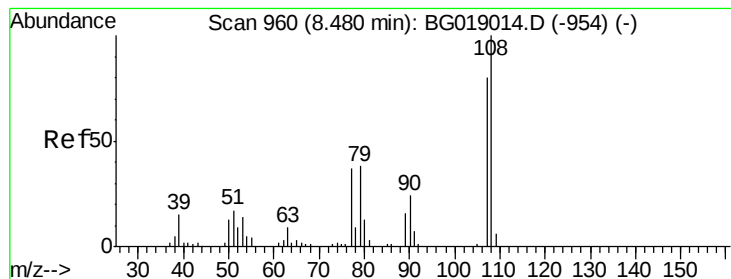
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

2-Methylphenol

Concen: 1.62 ng/ul

RT: 8.40 min Scan# 947

Delta R.T. -0.08 min

Lab File: BG019018.D

Acq: 4 Oct 2015 23:27

Instrument :

BNA_G

ClientSampleId :

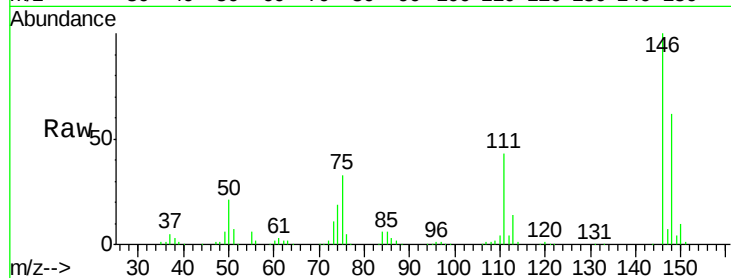
C0AP3DL

Tgt Ion: 108 Resp: 2797

Ion Ratio Lower Upper

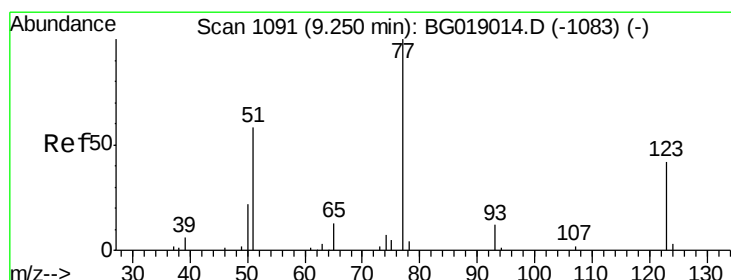
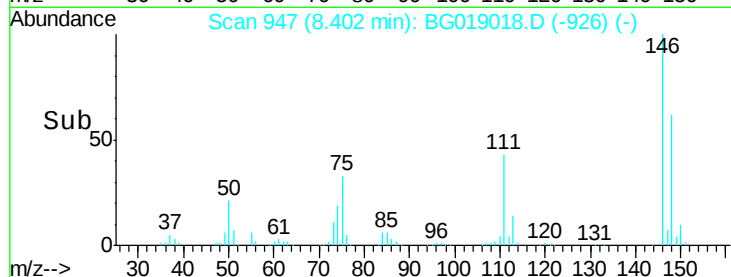
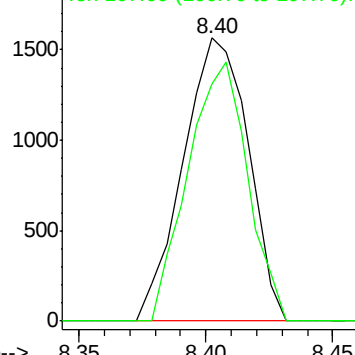
108 100

107 84.0 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



#20

Nitrobenzene

Concen: 32.60 ng/ul

RT: 9.25 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BG019018.D

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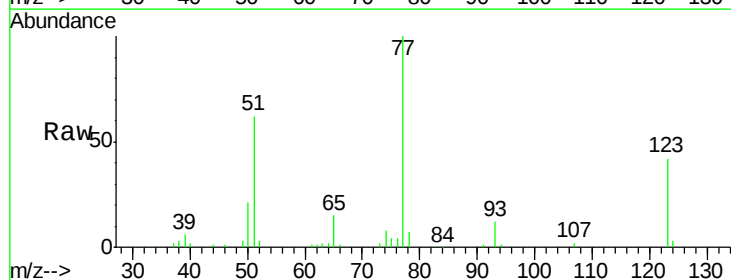
Tgt Ion: 77 Resp: 65020

Ion Ratio Lower Upper

77 100

123 41.7 32.6 48.8

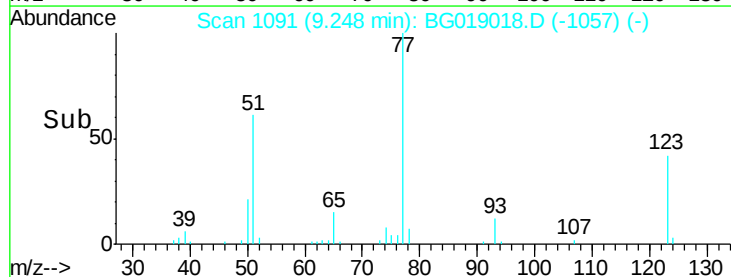
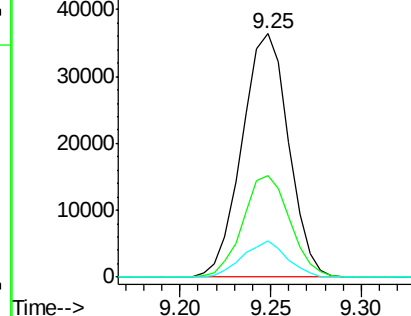
65 14.7 10.6 15.8

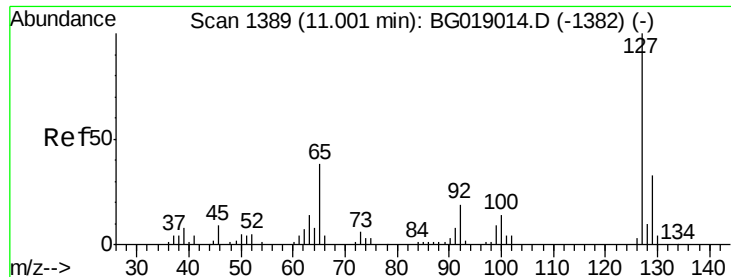


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC

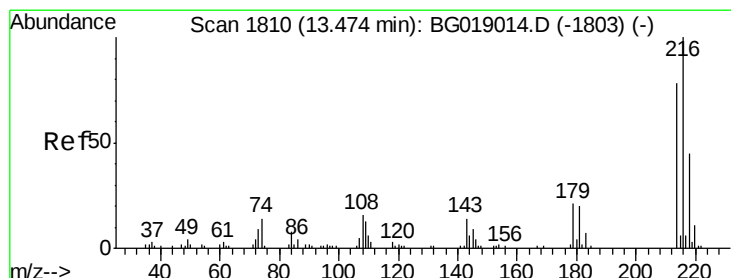
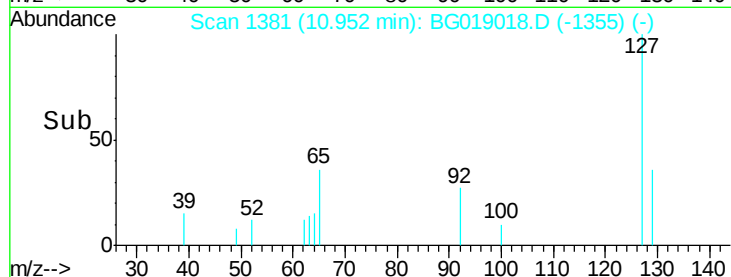
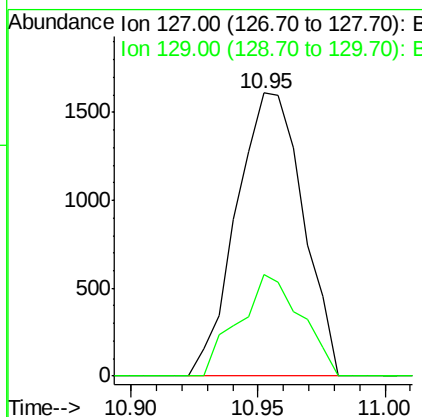
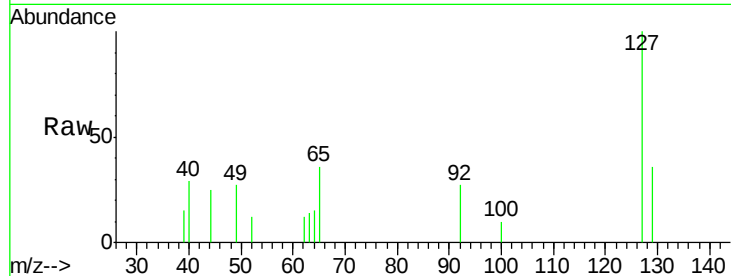




#30
 4-Chloroaniline
 Concen: 1.42 ng/uL
 RT: 10.95 min Scan# 1381
 Delta R.T. -0.05 min
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Tgt Ion:127 Resp: 2952
 Ion Ratio Lower Upper
 127 100
 129 35.8 24.3 36.5



#73
 1,2,3,4-Tetrachlorobenzene
 Concen: 1.62 ng/uL
 RT: 13.47 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: BG019018.D
 Acq: 4 Oct 2015 23:27

Tgt Ion:216 Resp: 3755
 Ion Ratio Lower Upper
 216 100
 214 85.1 64.5 96.7
 218 43.3 40.4 60.6

