

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121715\
 Data File : BG020223.D
 Acq On : 16 Dec 2015 14:51
 Operator : UM/SJ
 Sample : G4786-09DL2 250X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9BQ4DL2

Quant Time: Dec 17 00:43:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 17 00:37:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	16231	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	72297	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	58411	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	149852	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	168421	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	156322	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.12	166	691	0.15	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	1029	0.19	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.71	176	1174	0.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.46	188	149852	21.70	ng/ul	-0.10
79) Pyrene-d10	19.84	212	1265	0.16	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	956	0.12	ng/ul	0.00

Target Compounds

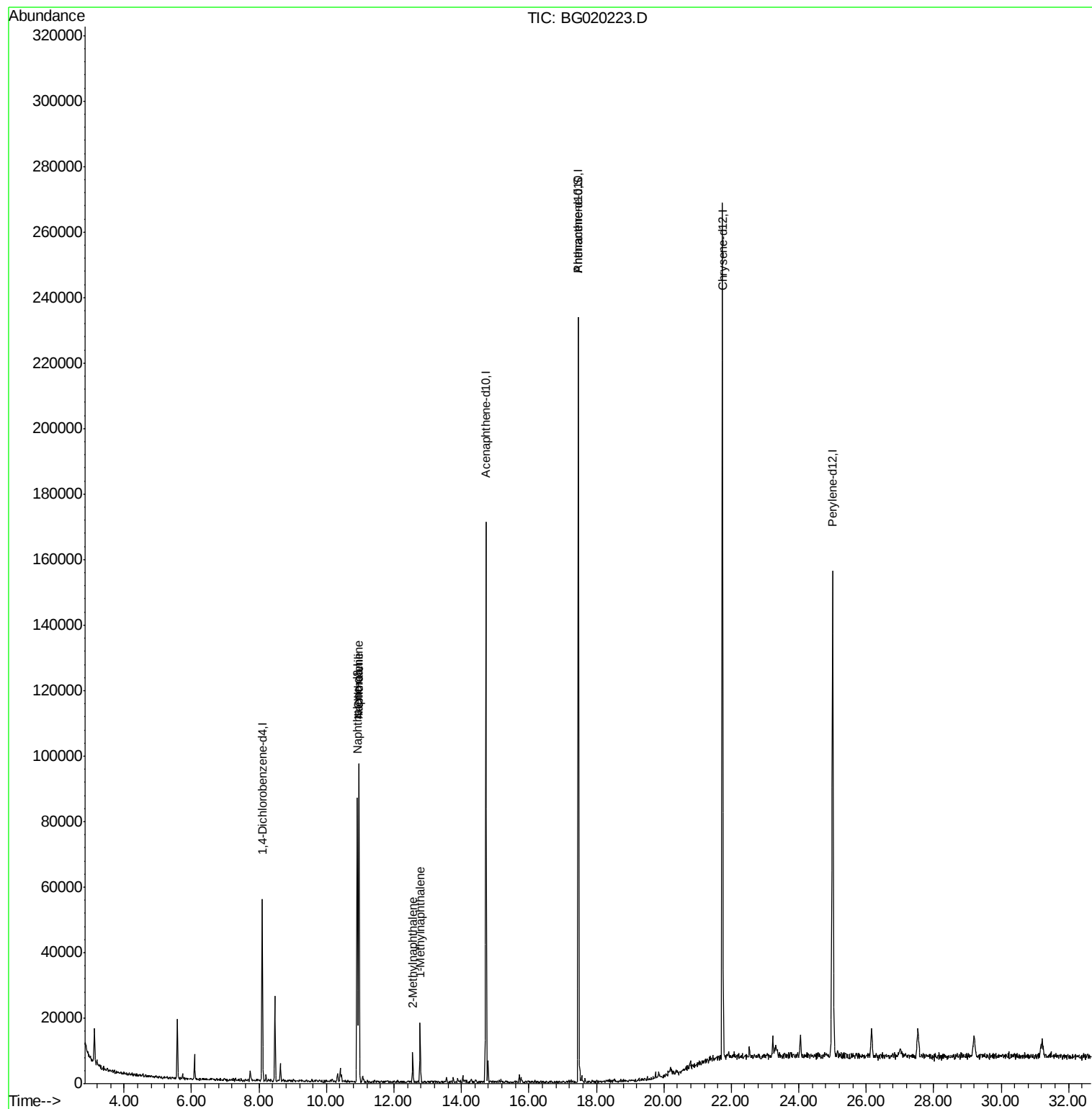
					Qvalue
28) Naphthalene	10.97	128	83817	22.20 ng/ul	99
30) 4-Chloroaniline	10.97	127	11120	7.63 ng/ul#	1
34) 2-Methylnaphthalene	12.56	142	4793	1.66 ng/ul	91
35) 1-Methylnaphthalene	12.78	142	8873	3.20 ng/ul#	92

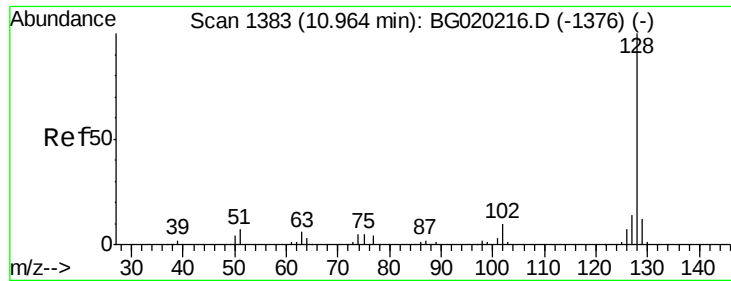
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 22.20 ng/ul

RT: 10.97 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BG020223.D

Acq: 16 Dec 2015 14:51

Instrument :

BNA_G

ClientSampleId :

G9BQ4DL2

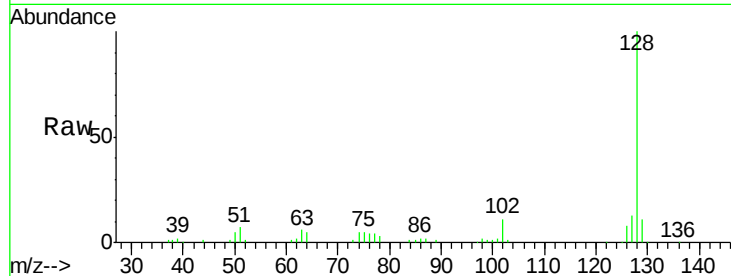
Tgt Ion:128 Resp: 83817

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

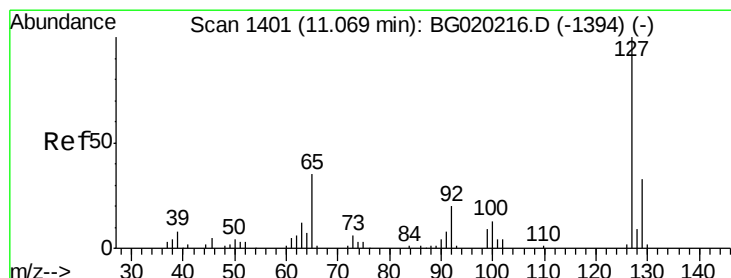
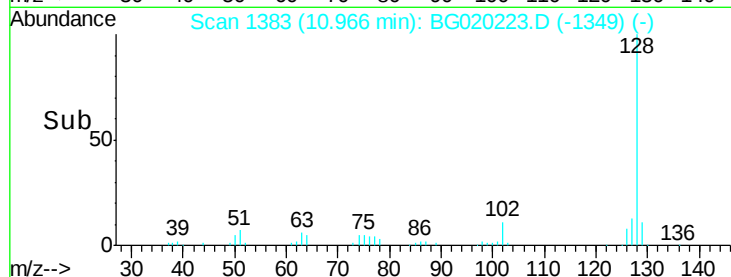
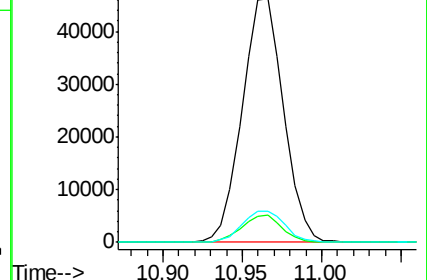
127 12.8 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 7.63 ng/ul

RT: 10.97 min Scan# 1383

Delta R.T. -0.10 min

Lab File: BG020223.D

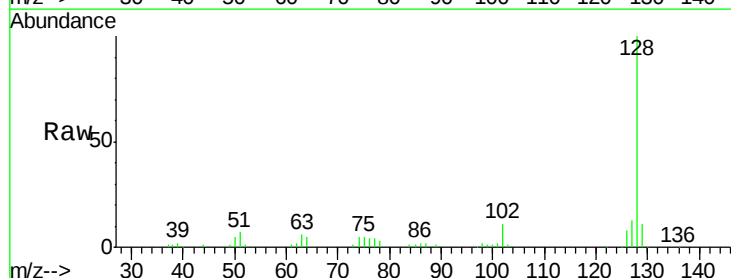
Acq: 16 Dec 2015 14:51

Tgt Ion:127 Resp: 11120

Ion Ratio Lower Upper

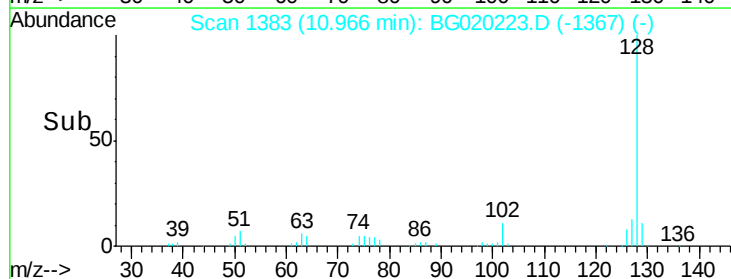
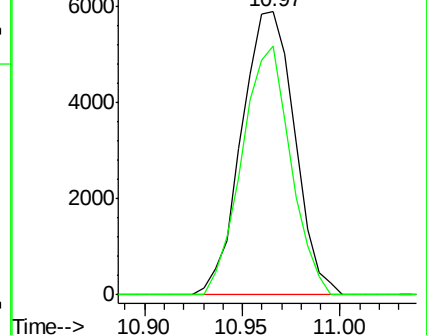
127 100

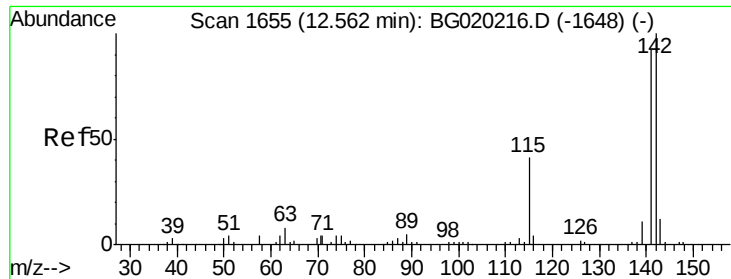
129 87.9 25.7 38.5#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

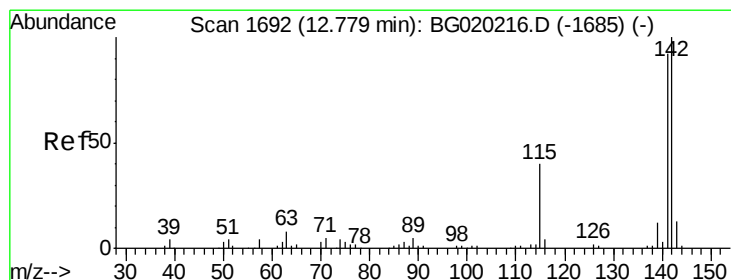
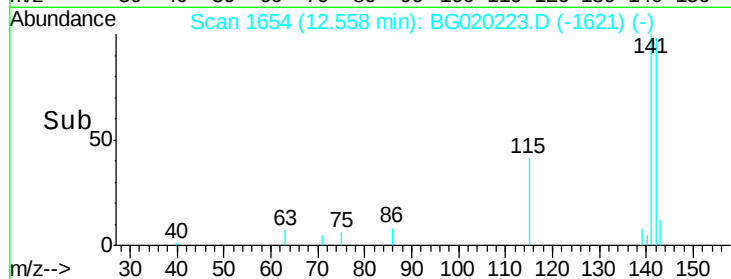
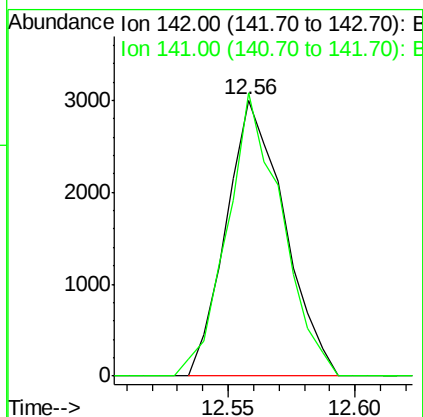
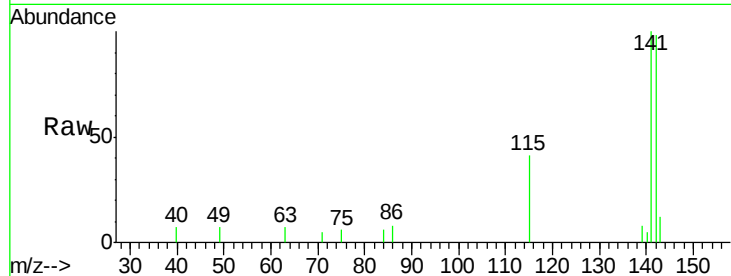




#34
2-Methylnaphthalene
Concen: 1.66 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG020223.D
Acq: 16 Dec 2015 14:51

Instrument :
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Tgt Ion:142 Resp: 4793
Ion Ratio Lower Upper
142 100
141 102.5 74.9 112.3



#35
1-Methylnaphthalene
Concen: 3.20 ng/ul
RT: 12.78 min Scan# 1692
Delta R.T. 0.00 min
Lab File: BG020223.D
Acq: 16 Dec 2015 14:51

Tgt Ion:142 Resp: 8873
Ion Ratio Lower Upper
142 100
141 99.1 73.0 109.6
116 4.8 3.0 4.6#

