

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121615\
 Data File : BG020205.D
 Acq On : 16 Dec 2015 1:17
 Operator : UM/SJ
 Sample : G4786-16
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9C89

Quant Time: Dec 16 03:49:35 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 16 03:45:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	17792	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	85080	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	67845	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	182284	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	199654	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	187758	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.47	96	514	1.60	ng/uL	0.00
5) Phenol-d5	7.25	99	12248	7.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	31049	33.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	33402	29.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	25083	18.69	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	23598	35.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	27480	37.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	49224	32.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	5677	3.38	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	193798	35.31	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	224290	35.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	6751	6.86	ng/ul	0.00
58) Fluorene-d10	15.72	176	179848	36.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	36833	34.09	ng/ul	0.00
71) Anthracene-d10	17.57	188	294990	35.12	ng/ul	0.00
79) Pyrene-d10	19.85	212	326068	35.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	340074	36.31	ng/ul	0.00

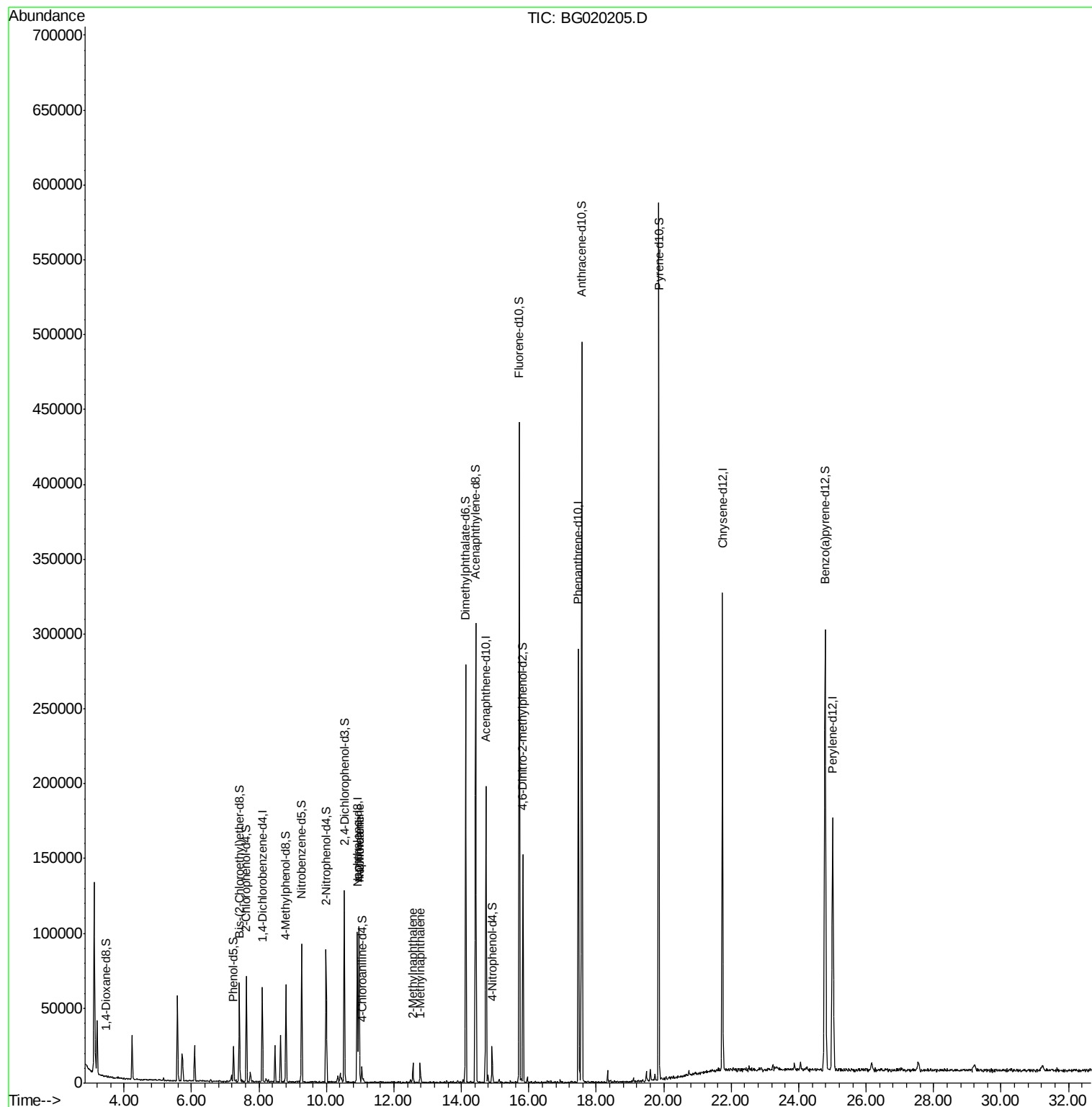
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.96	128	88949	20.02	ng/ul	97
30) 4-Chloroaniline	10.96	127	12197	7.12	ng/ul#	13
34) 2-Methylnaphthalene	12.56	142	6816	2.01	ng/ul	97
35) 1-Methylnaphthalene	12.78	142	6823	2.09	ng/ul#	90

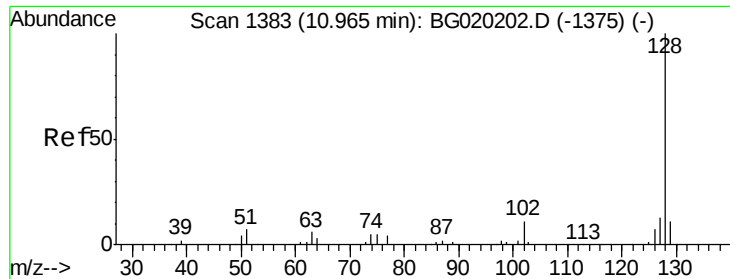
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 20.02 ng/ul

RT: 10.96 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BG020205.D

Acq: 16 Dec 2015 1:17

Instrument :

BNA_G

ClientSampleId :

G9C89

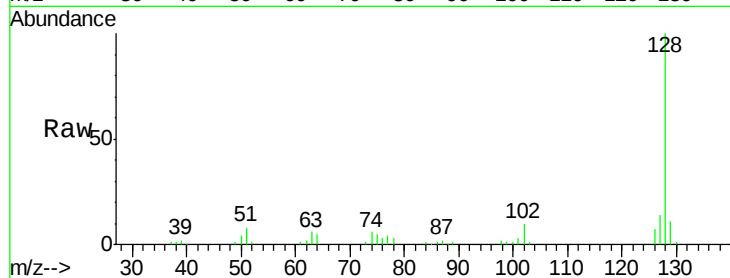
Tgt Ion:128 Resp: 88949

Ion Ratio Lower Upper

128 100

129 11.4 8.6 12.8

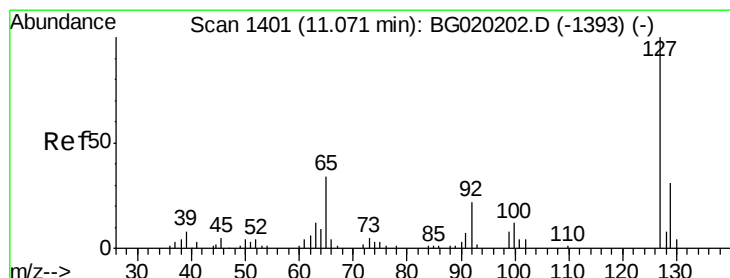
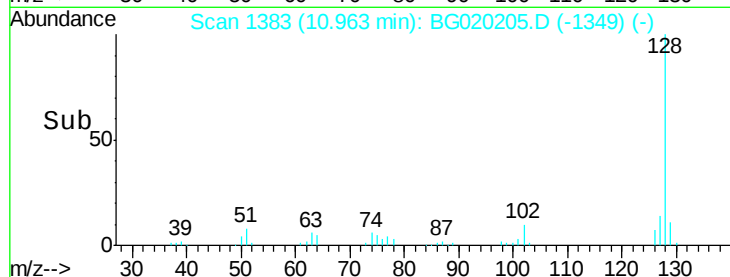
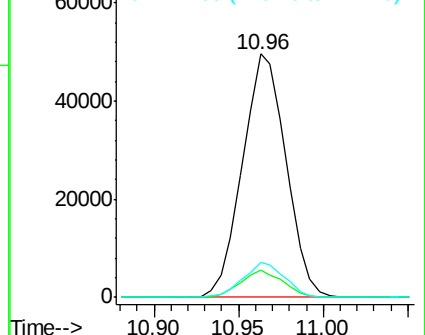
127 14.2 10.1 15.1



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: 7.12 ng/ul

RT: 10.96 min Scan# 1383

Delta R.T. -0.11 min

Lab File: BG020205.D

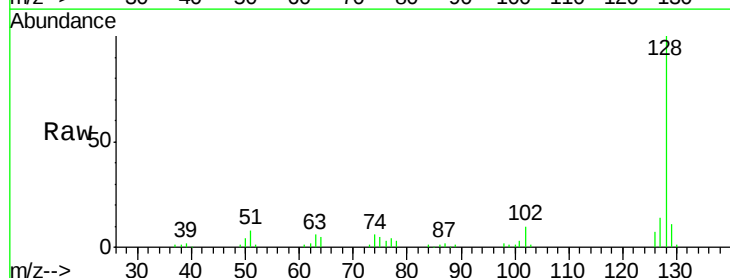
Acq: 16 Dec 2015 1:17

Tgt Ion:127 Resp: 12197

Ion Ratio Lower Upper

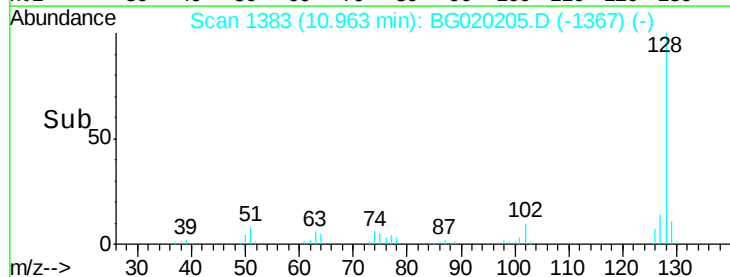
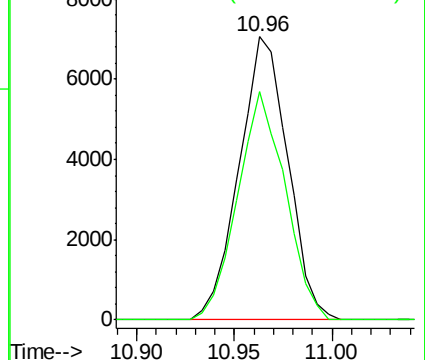
127 100

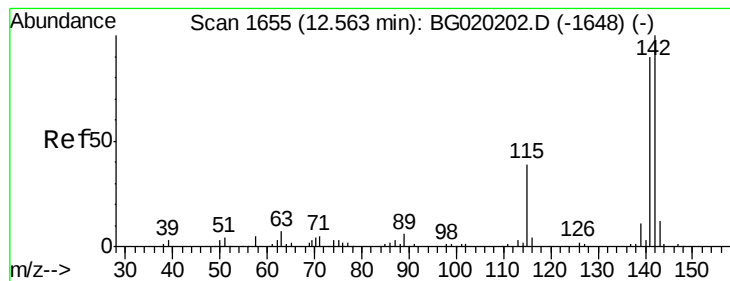
129 80.6 25.7 38.5#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E





#34

2-Methylnaphthalene

Concen: 2.01 ng/ul

RT: 12.56 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BG020205.D

Acq: 16 Dec 2015 1:17

Instrument :

BNA_G

ClientSampleId :

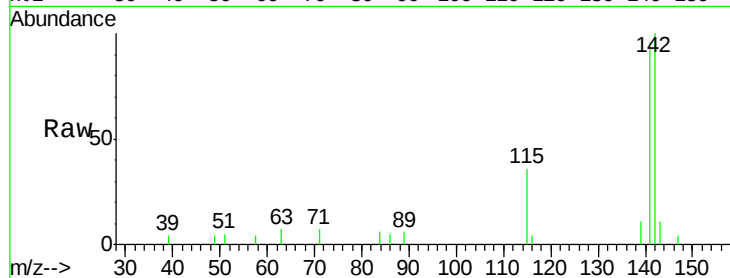
G9C89

Tgt Ion:142 Resp: 6816

Ion Ratio Lower Upper

142 100

141 96.1 74.9 112.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.56

5000

4000

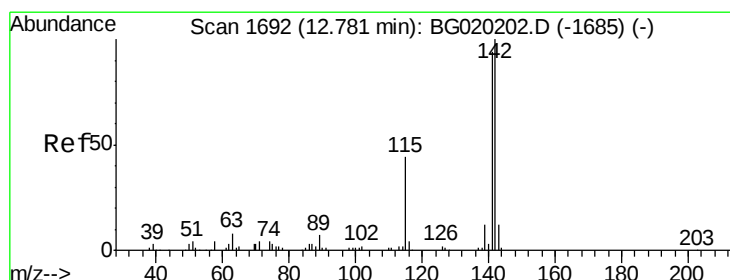
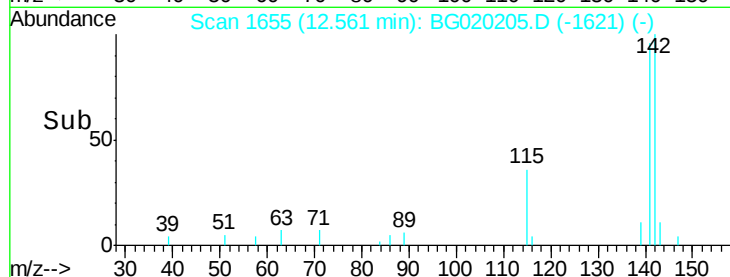
3000

2000

1000

0

Time--> 12.50 12.55 12.60



#35

1-Methylnaphthalene

Concen: 2.09 ng/ul

RT: 12.78 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BG020205.D

Acq: 16 Dec 2015 1:17

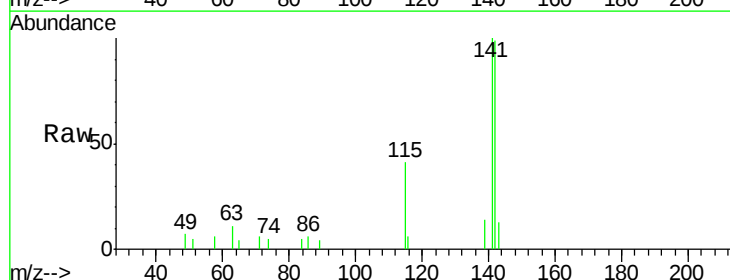
Tgt Ion:142 Resp: 6823

Ion Ratio Lower Upper

142 100

141 100.9 73.0 109.6

116 5.9 3.0 4.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.78

5000

4000

3000

2000

1000

0

Time--> 12.75 12.80

