

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
 Data File : BG025215.D
 Acq On : 15 Dec 2016 17:20
 Operator : UM/SJ
 Sample : H5995-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA869

Manual Integrations
 APPROVED

UMANGI
 12/16/2016 6:21:17 PM

Quant Time: Dec 16 05:54:34 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 16 03:23:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	63737	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	281769	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	234217	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	520870	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	652037	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	626464	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	4290	3.48	ng/uL	0.00
5) Phenol-d5	7.39	99	115807	21.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	73947	21.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	81619	21.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	100367	21.84	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	42603	21.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	53454	21.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	101103	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	22913m	4.87	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	345458	21.44	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	397711	22.54	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	52206	18.85	ng/ul	0.00
57) Fluorene-d10	15.84	176	315261	20.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	60390	18.75	ng/ul	0.00
70) Anthracene-d10	17.70	188	500236	22.75	ng/ul	0.00
76) Pyrene-d10	19.97	212	649479	24.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	607062	23.92	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.41	94	22969	4.07	ng/ul#	94
28) Naphthalene	11.11	128	24608	1.88	ng/ul#	94
34) 2-Methylnaphthalene	12.70	142	21830	2.11	ng/ul	88
40) 1,1'-Biphenyl	13.69	154	19428	1.37	ng/ul#	77
44) Dimethylphthalate	14.29	163	45922	2.90	ng/ul#	95

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

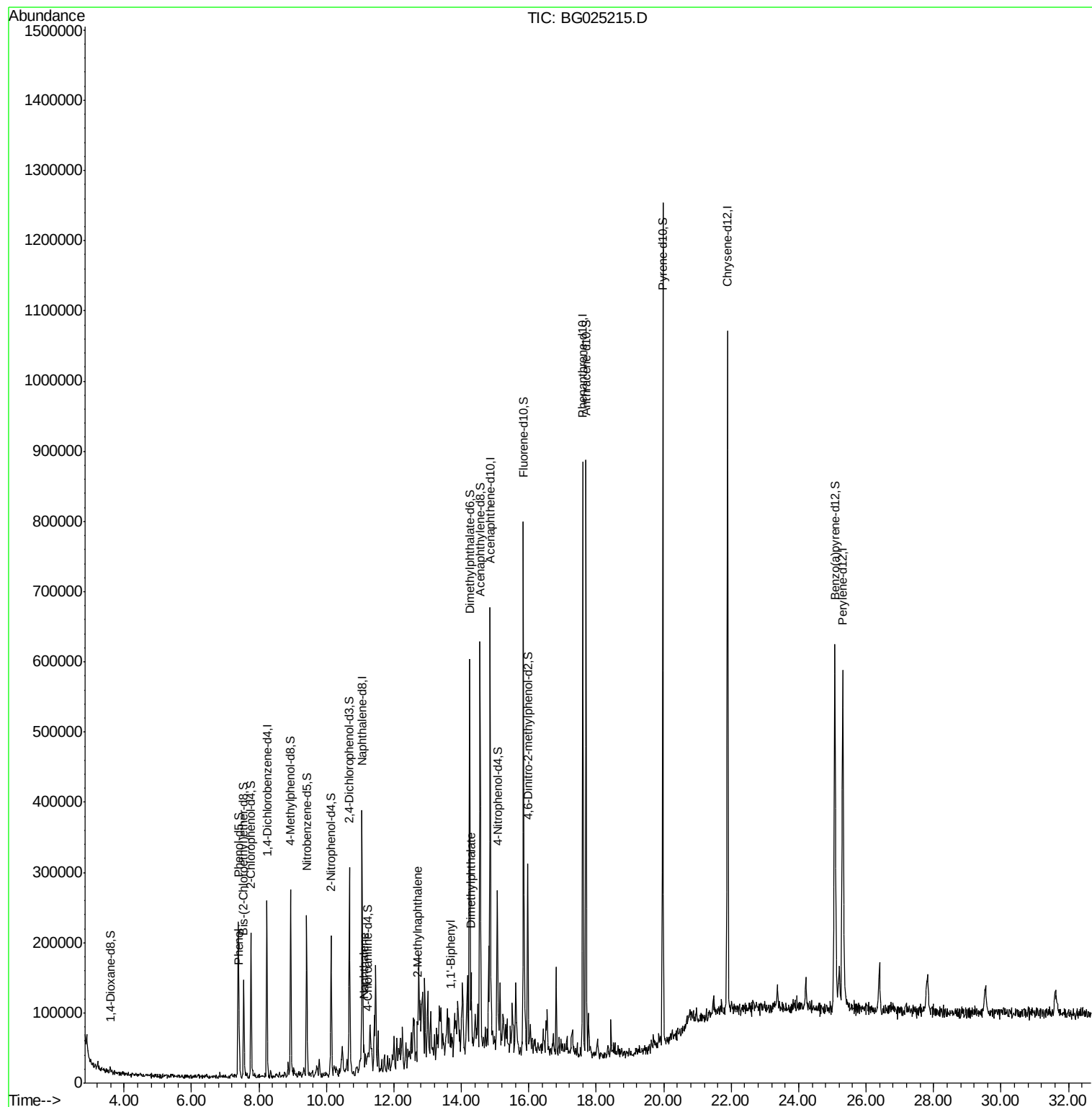
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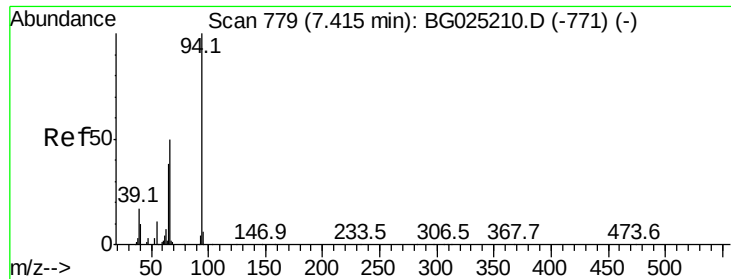
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#6

Phenol

Concen: 4.07 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG025215.D

Acq: 15 Dec 2016 17:20

Instrument :

BNA_G

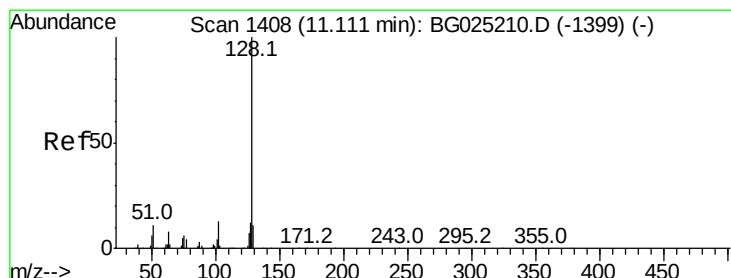
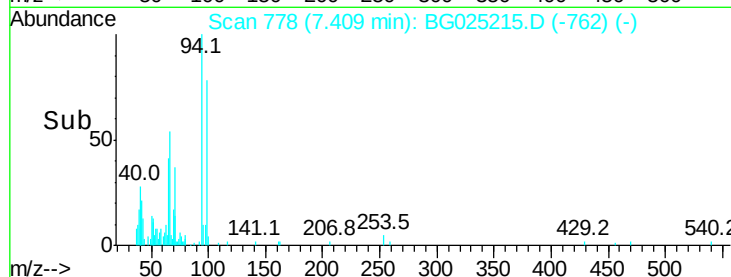
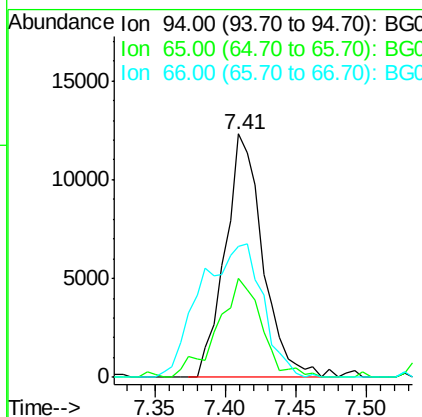
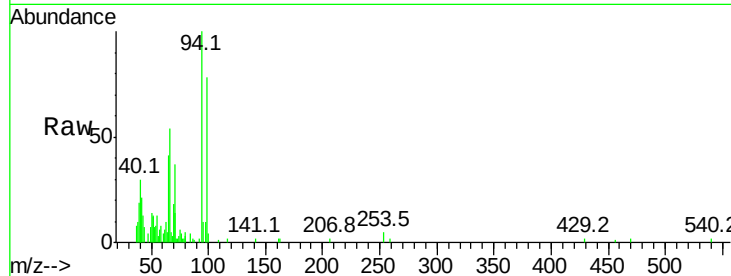
ClientSampleId :

DA869

Tot Ion:	94	Resp:	22969
Ion	Ratio	Lower	Upper
94	100		
65	40.9	26.8	40.2#
66	53.6	44.4	66.6

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#28

Naphthalene

Concen: 1.88 ng/ul

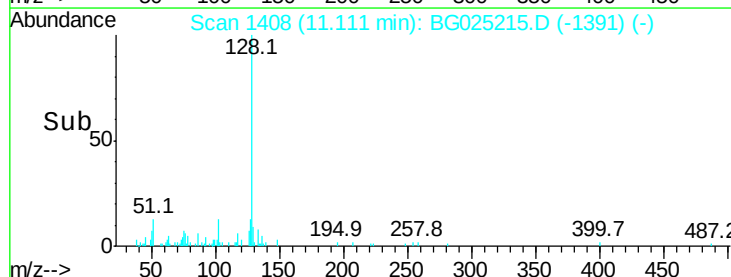
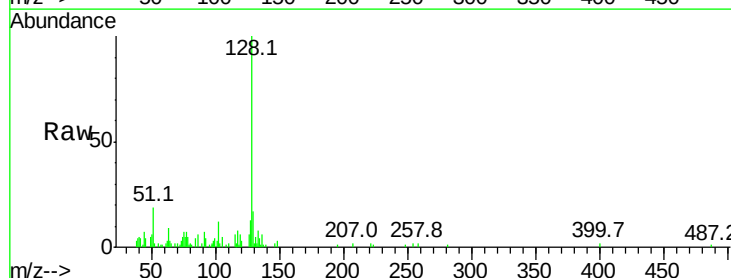
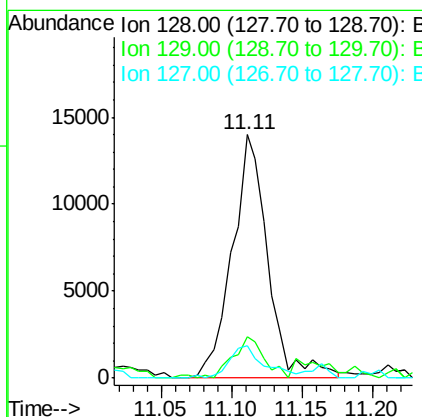
RT: 11.11 min Scan# 1408

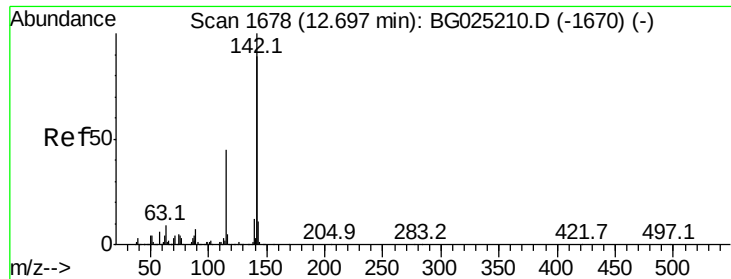
Delta R.T. -0.00 min

Lab File: BG025215.D

Acq: 15 Dec 2016 17:20

Tgt Ion:	128	Resp:	24608
Ion	Ratio	Lower	Upper
128	100		
129	16.8	9.4	14.2#
127	13.1	10.3	15.5





#34

2-Methylnaphthalene

Concen: 2.11 ng/ul

RT: 12.70 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BG025215.D

Acq: 15 Dec 2016 17:20

Instrument :

BNA_G

ClientSampleId :

DA869

Tot Ion:142 Resp: 21830

Ion Ratio Lower Upper

142 100

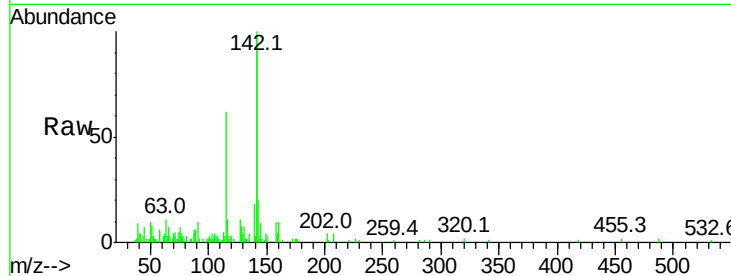
141 96.5 68.6 102.8

Manual Integrations

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Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.70

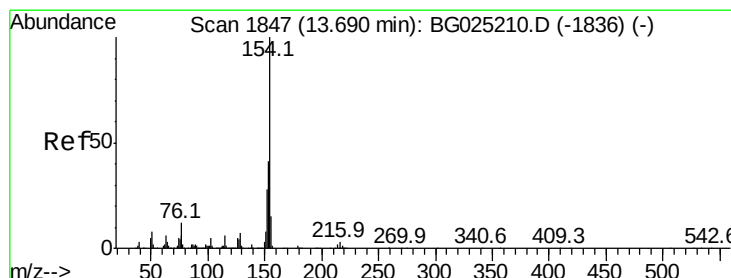
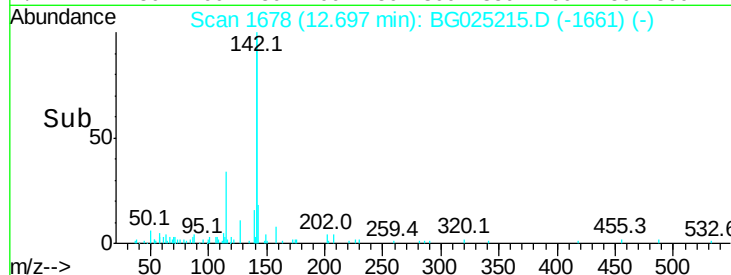
15000

10000

5000

0

Time--> 12.60 12.70



#40

1,1'-Biphenyl

Concen: 1.37 ng/ul

RT: 13.69 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BG025215.D

Acq: 15 Dec 2016 17:20

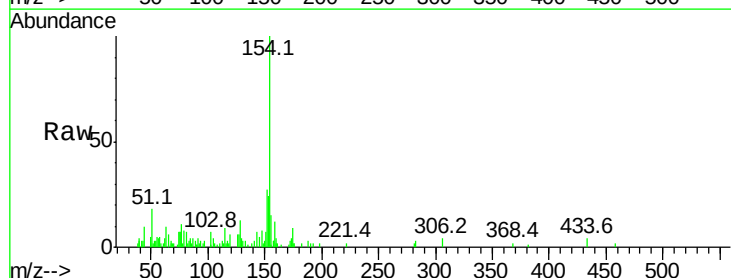
Tgt Ion:154 Resp: 19428

Ion Ratio Lower Upper

154 100

153 23.8 32.2 48.2#

76 7.3 9.6 14.4#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

13.69

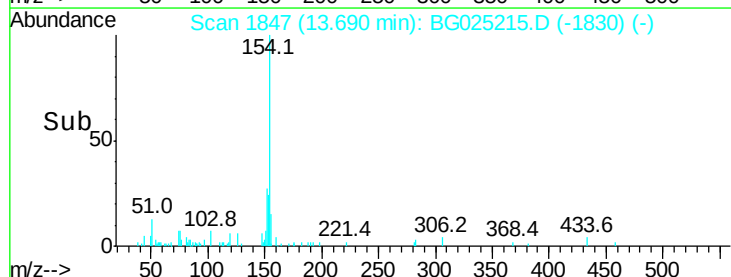
15000

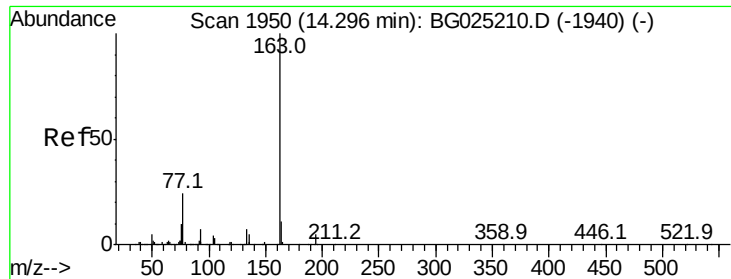
10000

5000

0

Time--> 13.65 13.70 13.75





#44
 Dimethylphthalate
 Concen: 2.90 ng/ul
 RT: 14.29 min Scan# 1949
 Delta R.T. -0.01 min
 Lab File: BG025215.D
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Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	2.4	3.4	5.0#
164	9.6	9.0	13.4

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