

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
 Data File : BG023550.D
 Acq On : 9 Aug 2016 1:32
 Operator : UM/SJ
 Sample : H4338-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4V17

Quant Time: Aug 09 04:45:33 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 09 02:15:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	148936	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	700446	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	472650	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1071173	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1041413	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1035571	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.48	96	1937	0.55	ng/uL	0.00
5) Phenol-d5	7.27	99	113264	7.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	304229	31.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	271416	26.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	209402	17.88	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	689	0.12	ng/ul	0.15
22) 2-Nitrophenol-d4	10.02	143	214681	33.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	373584	31.23	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	14105	1.01	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	1251036	32.33	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	1444684	33.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	1042	0.16	ng/ul	-0.02
57) Fluorene-d10	15.77	176	1104215	30.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	241496	35.14	ng/ul	0.00
70) Anthracene-d10	17.64	188	1627853	33.73	ng/ul	0.00
76) Pyrene-d10	19.93	212	1696069	32.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1596019	34.05	ng/ul	0.00

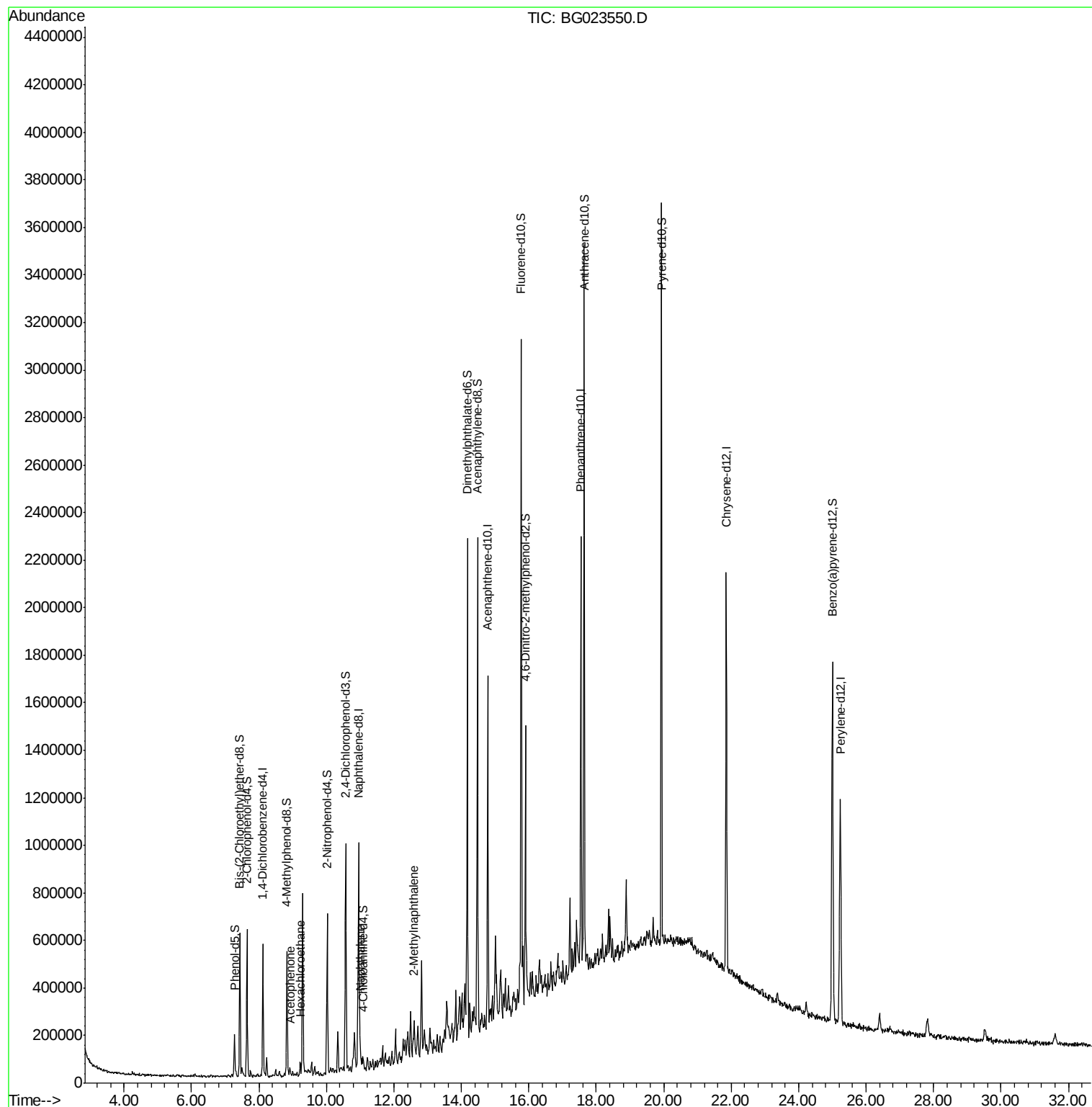
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Acetophenone	8.92	105	22509	1.20	ng/ul#	40
17) Hexachloroethane	9.23	117	7171	1.59	ng/ul#	10
28) Naphthalene	11.00	128	71690	2.02	ng/ul	97
34) 2-Methylnaphthalene	12.60	142	74856	2.60	ng/ul	100

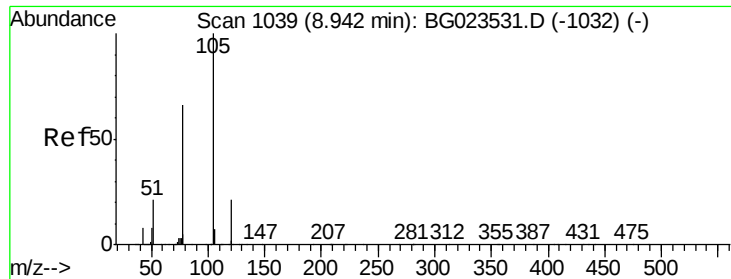
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 1.20 ng/ul

RT: 8.92 min Scan# 1036

Delta R.T. -0.02 min

Lab File: BG023550.D

Acq: 9 Aug 2016 1:32

Instrument :

BNA_G

ClientSampleId :

A4V17

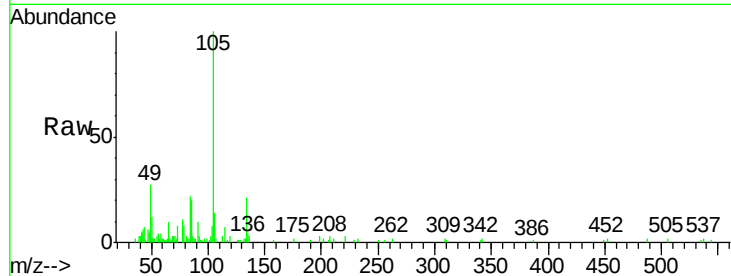
Tgt Ion:105 Resp: 22509

Ion Ratio Lower Upper

105 100

77 10.8 56.1 84.1#

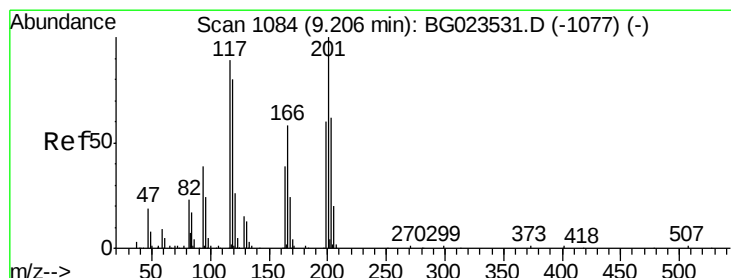
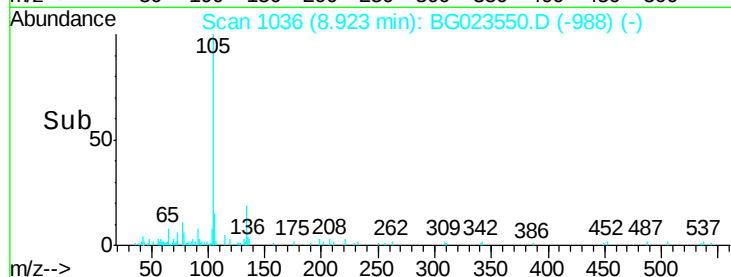
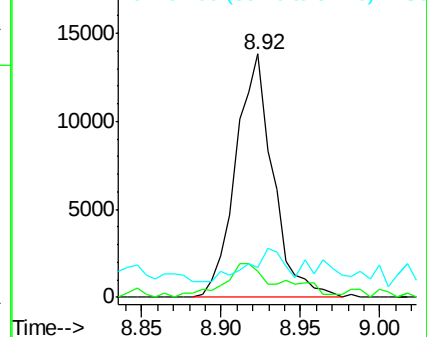
51 12.2 14.6 22.0#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#17

Hexachloroethane

Concen: 1.59 ng/ul

RT: 9.23 min Scan# 1088

Delta R.T. 0.02 min

Lab File: BG023550.D

Acq: 9 Aug 2016 1:32

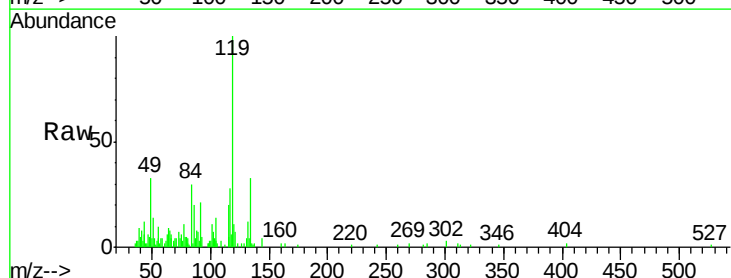
Tgt Ion:117 Resp: 7171

Ion Ratio Lower Upper

117 100

201 0.0 76.8 115.2#

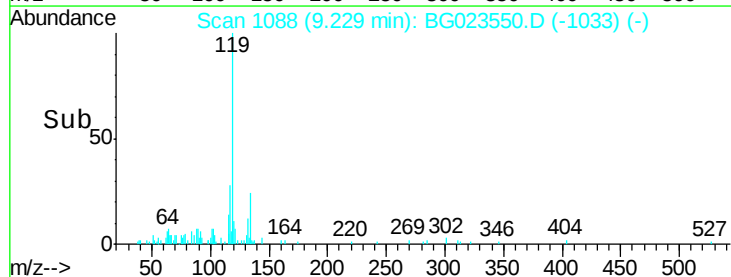
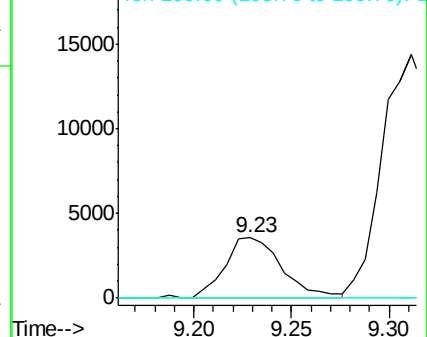
199 0.0 43.5 65.3#

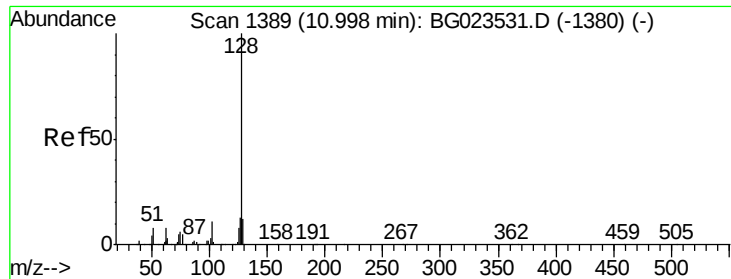


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E





#28

Naphthalene

Concen: 2.02 ng/ul

RT: 11.00 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BG023550.D

Acq: 9 Aug 2016 1:32

Instrument :

BNA_G

ClientSampleId :

A4V17

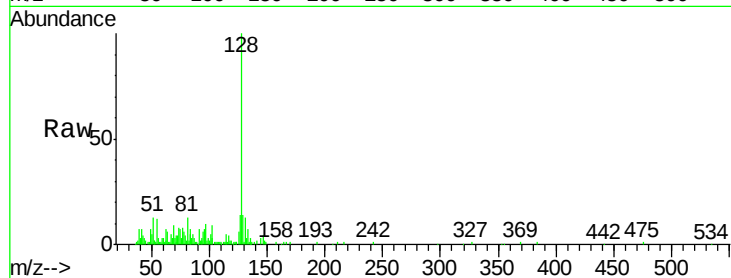
Tgt Ion:128 Resp: 71690

Ion Ratio Lower Upper

128 100

129 14.2 9.4 14.2

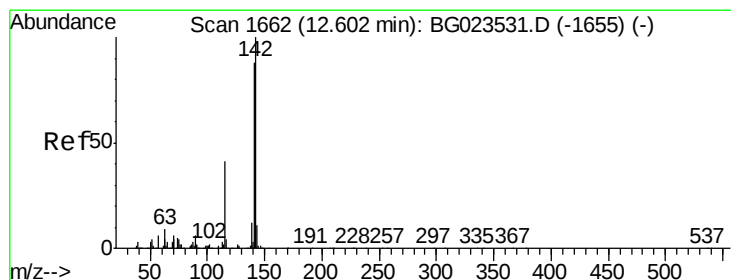
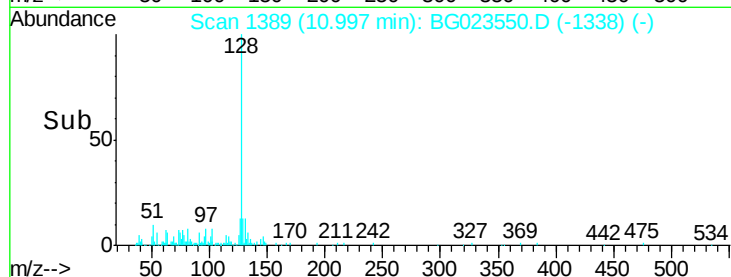
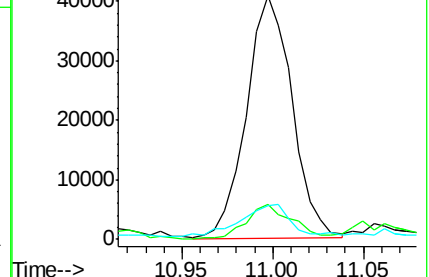
127 13.8 11.2 16.8



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



#34

2-Methylnaphthalene

Concen: 2.60 ng/ul

RT: 12.60 min Scan# 1662

Delta R.T. -0.00 min

Lab File: BG023550.D

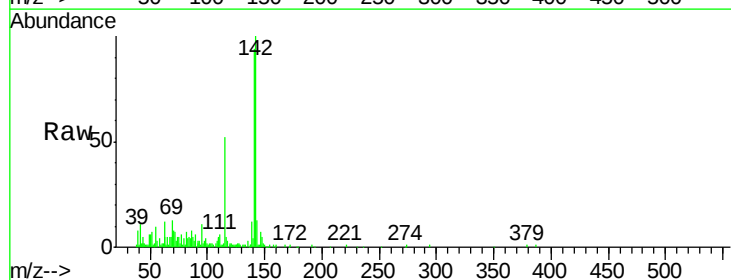
Acq: 9 Aug 2016 1:32

Tgt Ion:142 Resp: 74856

Ion Ratio Lower Upper

142 100

141 94.2 75.2 112.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

