

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120616\
 Data File : BG024999.D
 Acq On : 7 Dec 2016 3:39
 Operator : UM/SJ
 Sample : H5843-10
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ3

Quant Time: Dec 07 05:43:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 07 03:17:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	119615	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	505629	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.87	164	442051	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	869046	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1103909	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1146992	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	4004	1.73	ng/uL	0.01
5) Phenol-d5	7.38	99	95050	9.21	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	160870	25.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	174197	24.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	163512	18.96	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	100921	28.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	121307	27.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	258746	30.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	34437	4.08	ng/ul	-0.04
43) Dimethylphthalate-d6	14.26	166	884930	29.10	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	994291	29.85	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	48183	9.22	ng/ul	0.03
57) Fluorene-d10	15.85	176	829442	28.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	184455	34.33	ng/ul	0.00
70) Anthracene-d10	17.70	188	1240602	33.82	ng/ul	0.00
76) Pyrene-d10	19.98	212	1482386	32.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	1621824	34.90	ng/ul	0.00

Target Compounds

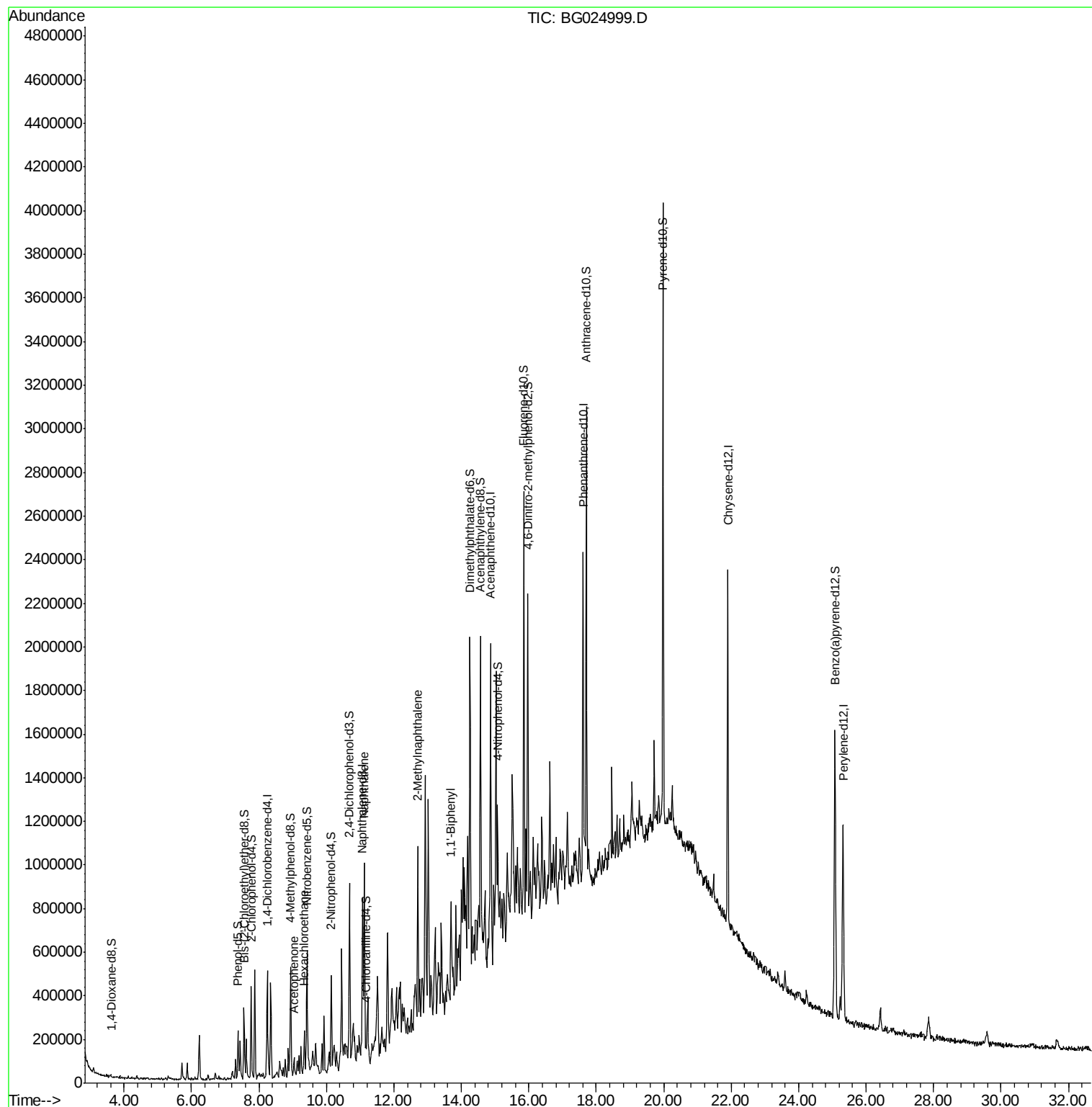
						Qvalue
14) Acetophenone	9.04	105	51286	3.91	ng/ul#	27
17) Hexachloroethane	9.35	117	25445	7.92	ng/ul#	1
28) Naphthalene	11.12	128	706093	30.04	ng/ul	99
34) 2-Methylnaphthalene	12.71	142	314943	16.98	ng/ul	95
40) 1,1'-Biphenyl	13.70	154	66915	2.50	ng/ul#	96

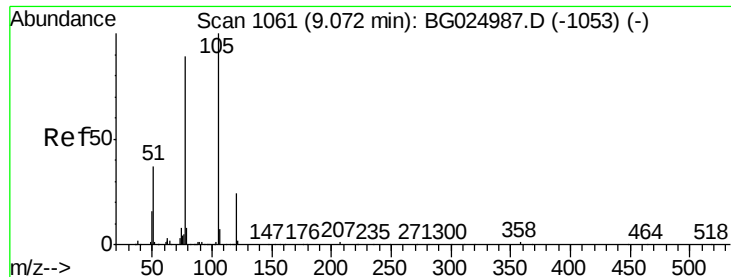
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 3.91 ng/ul

RT: 9.04 min Scan# 1056

Delta R.T. -0.03 min

Lab File: BG024999.D

Acq: 7 Dec 2016 3:39

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BNA_G

ClientSampleId :

C0AJ3

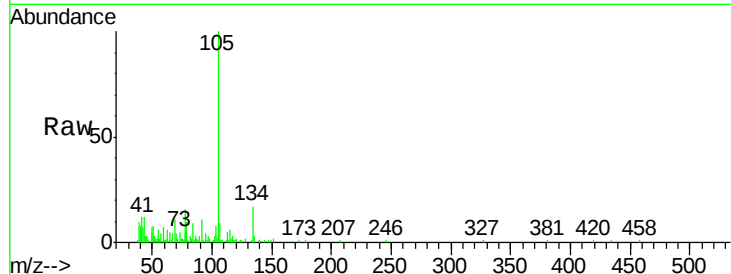
Tgt Ion:105 Resp: 51286

Ion Ratio Lower Upper

105 100

77 16.2 76.0 114.0#

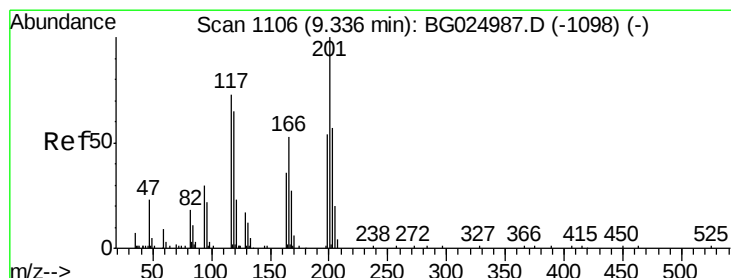
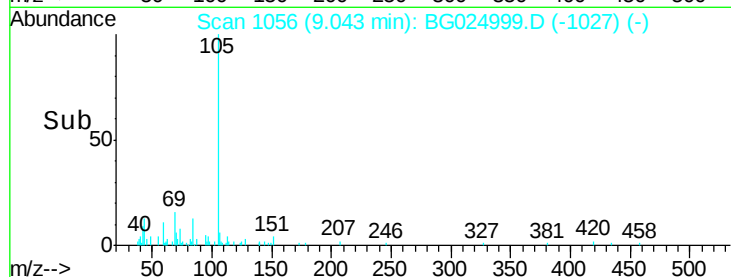
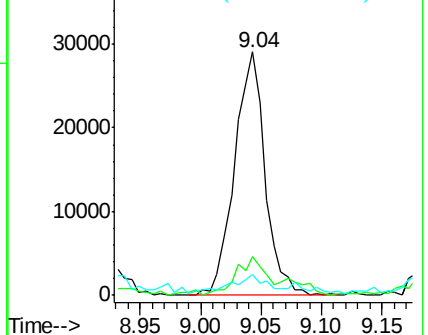
51 8.4 34.8 52.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 51.00 (50.70 to 51.70): BG



#17

Hexachloroethane

Concen: 7.92 ng/ul

RT: 9.35 min Scan# 1108

Delta R.T. 0.01 min

Lab File: BG024999.D

Acq: 7 Dec 2016 3:39

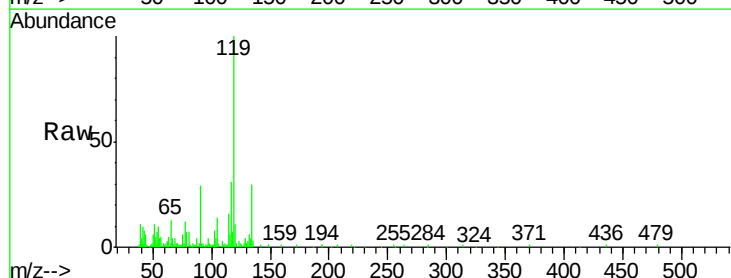
Tgt Ion:117 Resp: 25445

Ion Ratio Lower Upper

117 100

201 0.0 91.9 137.9#

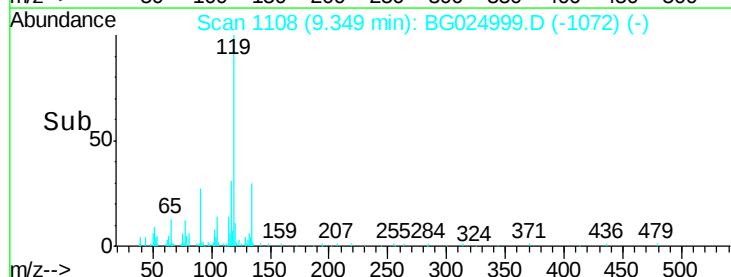
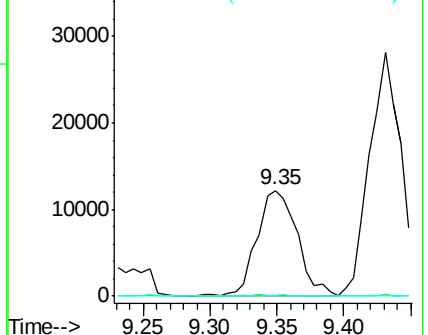
199 0.0 64.3 96.5#

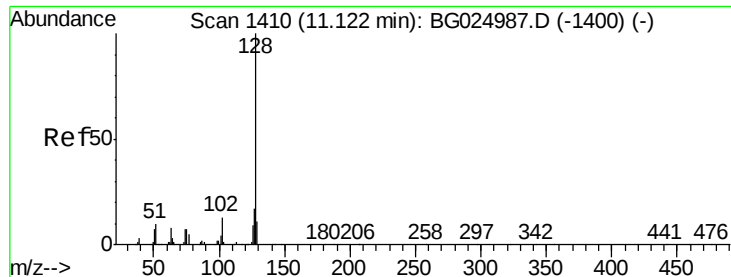


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

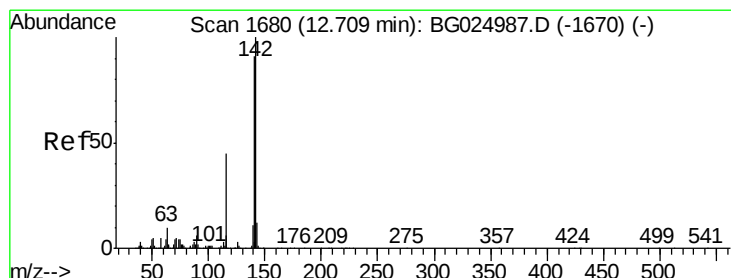
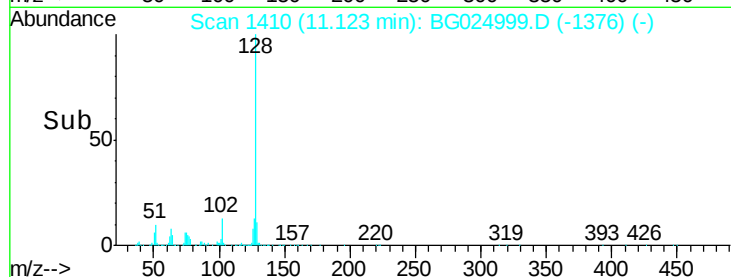
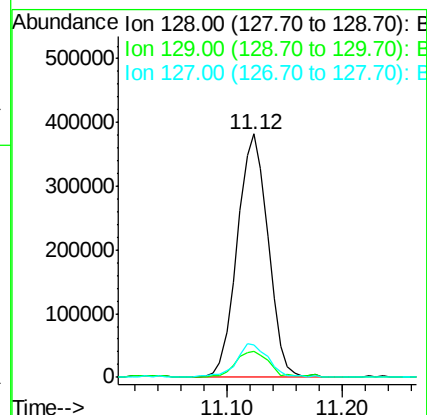
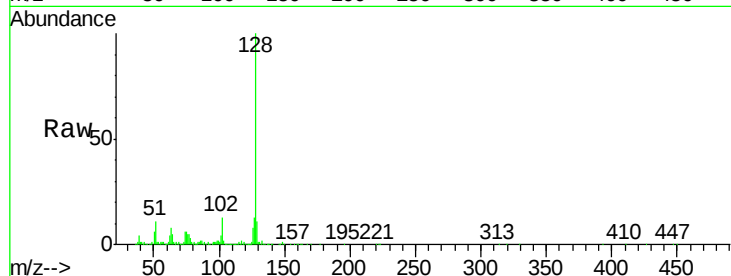




#28
Naphthalene
Concen: 30.04 ng/ul
RT: 11.12 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BG024999.D
Acq: 7 Dec 2016 3:39

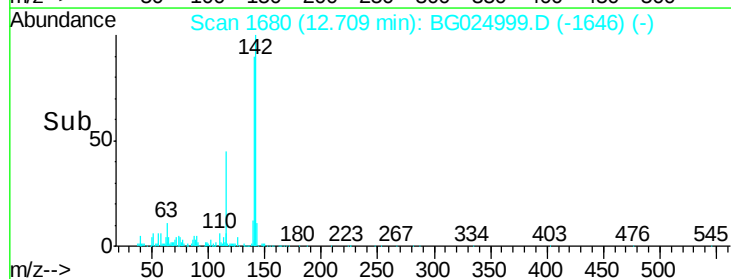
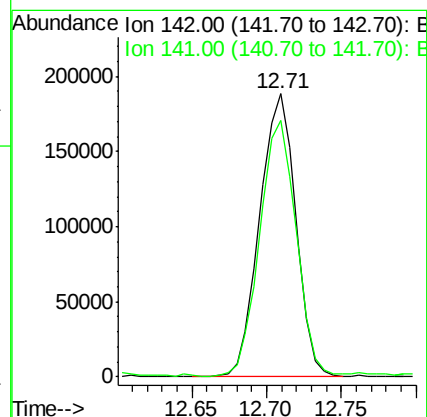
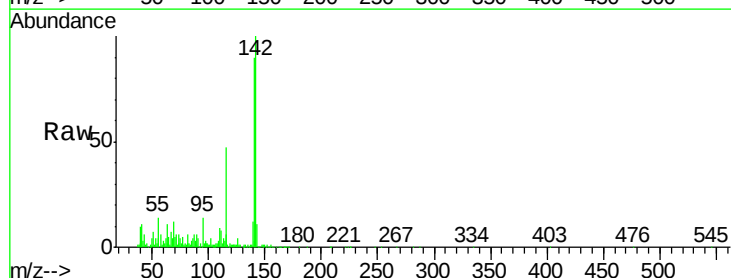
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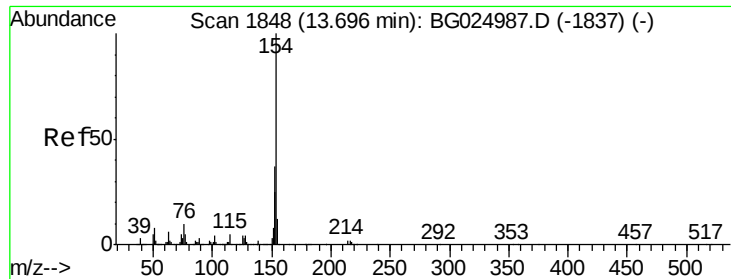
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	13.1	10.3	15.5



#34
2-Methylnaphthalene
Concen: 16.98 ng/ul
RT: 12.71 min Scan# 1680
Delta R.T. 0.00 min
Lab File: BG024999.D
Acq: 7 Dec 2016 3:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	68.6	102.8





#40
 1,1'-Biphenyl
 Concen: 2.50 ng/ul
 RT: 13.70 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG024999.D
 Acq: 7 Dec 2016 3:39

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ3

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	32.2	48.2
76	16.0	9.6	14.4

