

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081517\
 Data File : BG028349.D
 Acq On : 15 Aug 2017 18:40
 Operator : SJ/JU
 Sample : I4672-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ2

Quant Time: Aug 16 01:27:35 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 16 01:22:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	37579	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	184954	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	133082	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	314183	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	339928	20.00	ng/ul	0.00
83) Perylene-d12	25.56	264	287622	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	3161	3.92	ng/uL	0.00
5) Phenol-d5	7.51	99	96264	23.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	60669	23.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	70586	27.11	ng/ul	0.00
13) 4-Methylphenol-d8	9.05	113	86276	25.01	ng/ul	0.00
19) Nitrobenzene-d5	9.52	128	38028	26.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	45392	28.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	80065	24.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	97550	26.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	292252	24.69	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	343875	25.77	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	34288	18.22	ng/ul	0.00
57) Fluorene-d10	15.95	176	259069	24.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	44173	21.64	ng/ul	0.00
70) Anthracene-d10	17.81	188	408384	27.11	ng/ul	0.00
76) Pyrene-d10	20.09	212	470400	26.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.32	264	390722	29.02	ng/ul	0.00

Target Compounds

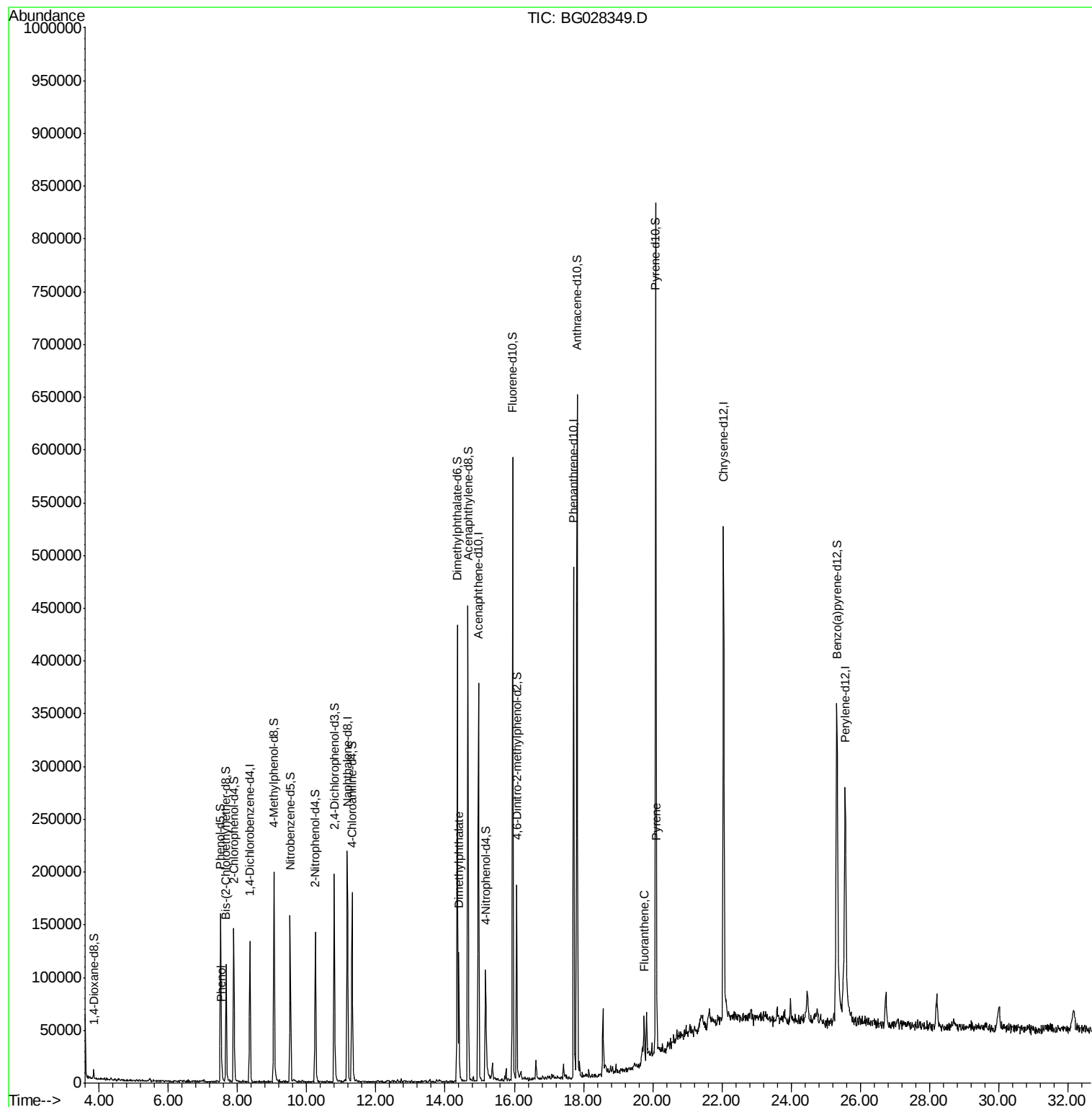
					Qvalue
6) Phenol	7.54	94	5097	1.243 ng/ul	90
44) Dimethylphthalate	14.40	163	73629	6.756 ng/ul#	94
74) Fluoranthene	19.75	202	26714	1.390 ng/ul#	98
77) Pyrene	20.11	202	24579	1.212 ng/ul#	93

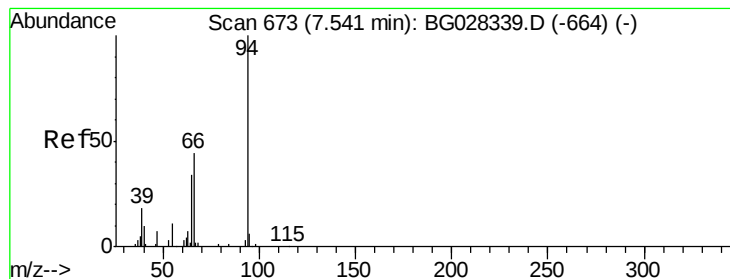
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.243 ng/ul

RT: 7.54 min Scan# 673

Delta R.T. 0.00 min

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ClientSampleId :

C0AJ2

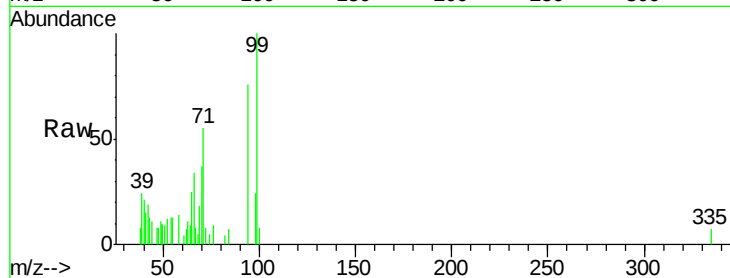
Tgt Ion: 94 Resp: 5097

Ion Ratio Lower Upper

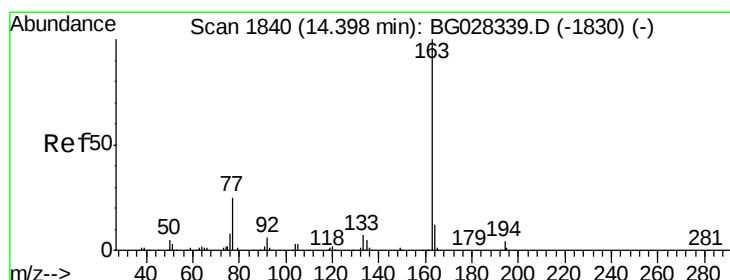
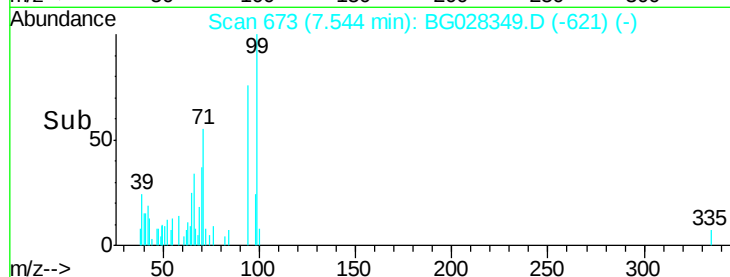
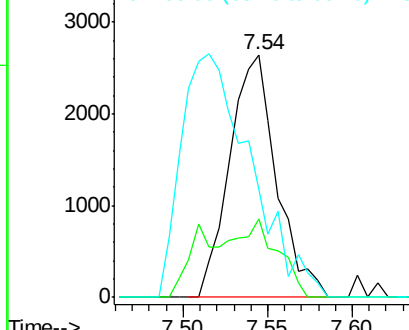
94 100

65 32.2 26.8 40.2

66 44.5 44.4 66.6



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 6.756 ng/ul

RT: 14.40 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BG028349.D

Acq: 15 Aug 2017 18:40

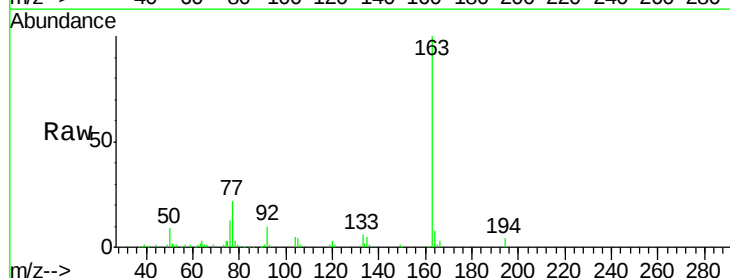
Tgt Ion: 163 Resp: 73629

Ion Ratio Lower Upper

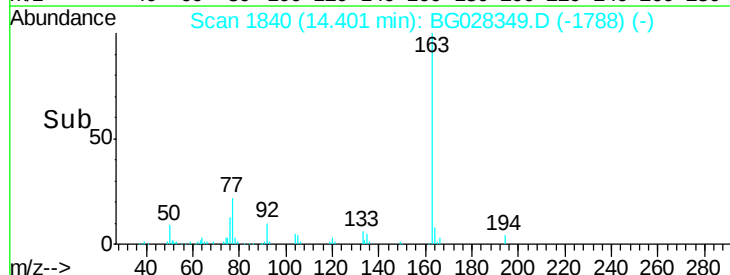
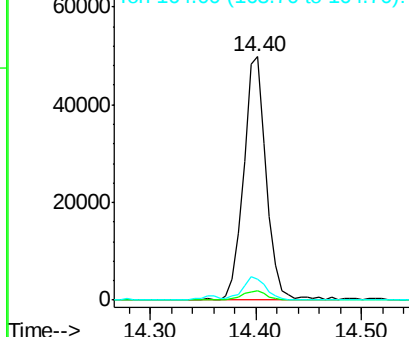
163 100

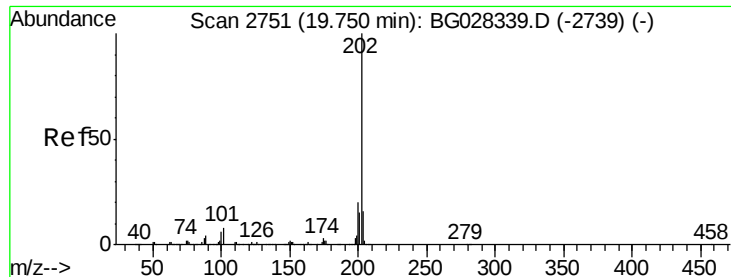
194 3.6 3.4 5.0

164 8.5 9.0 13.4#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

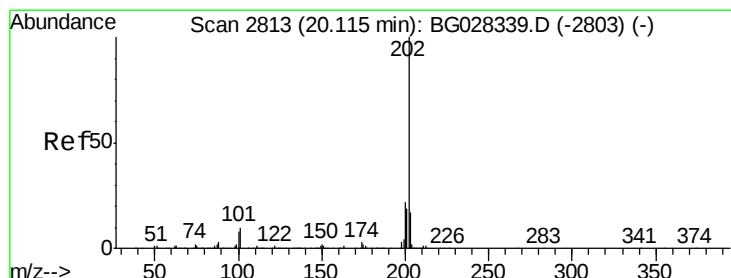
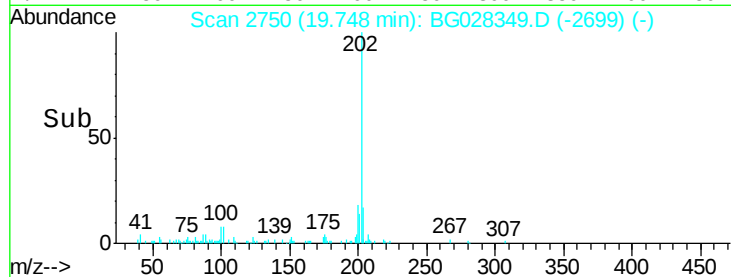
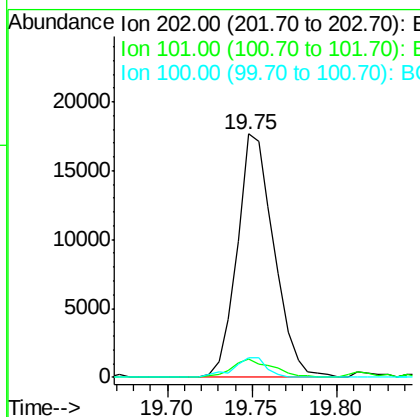
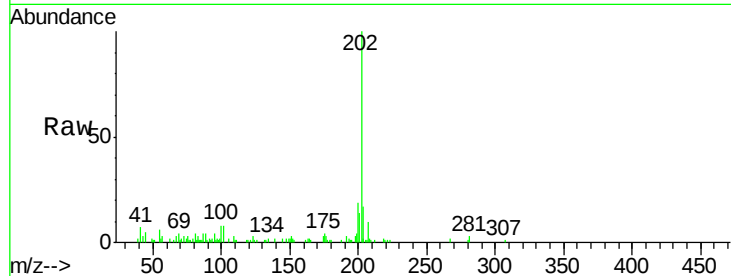




#74
Fluoranthene
Concen: 1.390 ng/ul
RT: 19.75 min Scan# 2750
Delta R.T. -0.00 min
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	26714		
101	7.6		6.2	9.2
100	8.2		5.2	7.8#



#77
Pyrene
Concen: 1.212 ng/ul
RT: 20.11 min Scan# 2812
Delta R.T. -0.00 min
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	24579		
101	6.9		6.9	10.3#
100	11.9		6.6	10.0#

