

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012417\
 Data File : BG025619.D
 Acq On : 24 Jan 2017 22:29
 Operator : UM/SJ
 Sample : I1316-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDP29

Quant Time: Jan 25 02:36:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 25 02:29:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	61976	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	319019	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	275990	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	639966	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	770945	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	784078	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	7601	6.14	ng/uL	0.00
5) Phenol-d5	7.33	99	219639	41.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	156798	45.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	154229	41.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	191752	42.47	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	91049	40.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	108296	40.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	190421	35.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	240839	40.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	795540	40.82	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	881556	41.88	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	111776	41.85	ng/ul	0.00
57) Fluorene-d10	15.79	176	721514	39.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.94	200	152762	38.70	ng/ul	0.00
70) Anthracene-d10	17.66	188	1135441	41.67	ng/ul	0.00
76) Pyrene-d10	19.93	212	1407481	43.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1456126	44.18	ng/ul	0.00

Target Compounds

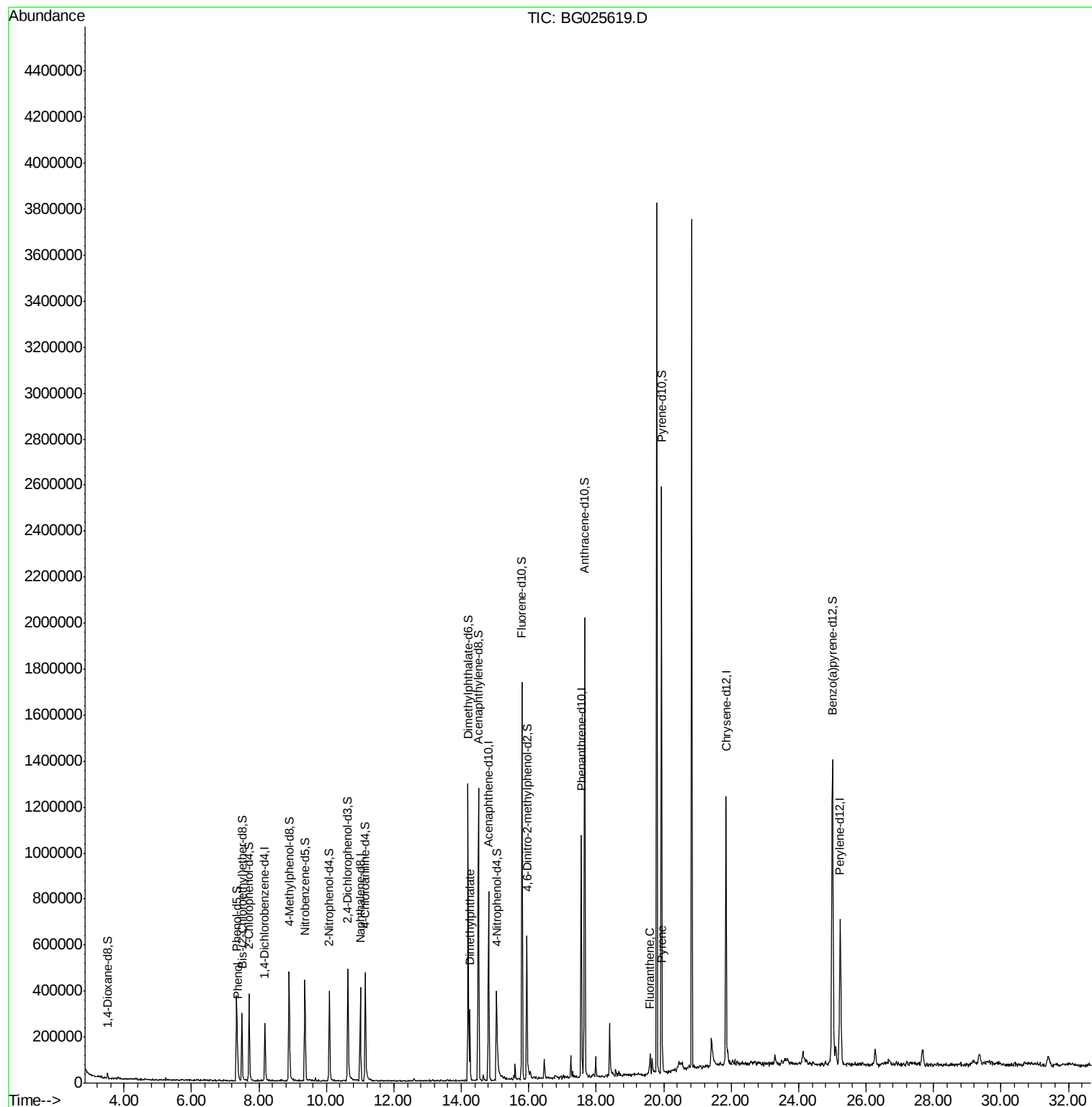
						Qvalue
6) Phenol	7.37	94	40177	7.20	ng/ul	95
44) Dimethylphthalate	14.25	163	186224	9.72	ng/ul	99
74) Fluoranthene	19.60	202	55815	1.52	ng/ul#	93
77) Pyrene	19.96	202	55440	1.46	ng/ul#	91

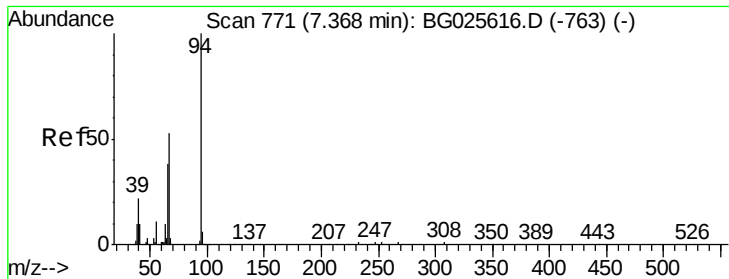
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 7.20 ng/ul

RT: 7.37 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG025619.D

Acq: 24 Jan 2017 22:29

Instrument :

BNA_G

ClientSampled :

BDP29

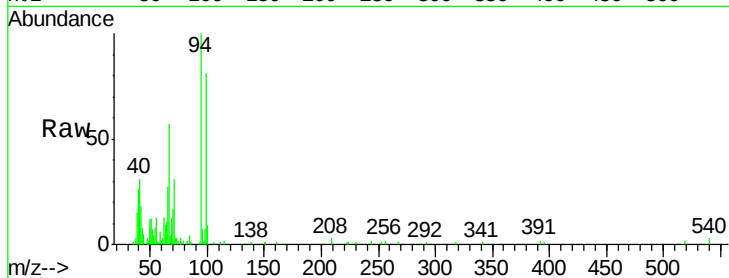
Tgt Ion: 94 Resp: 40177

Ion Ratio Lower Upper

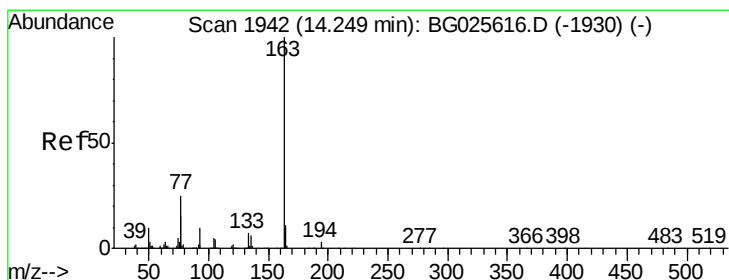
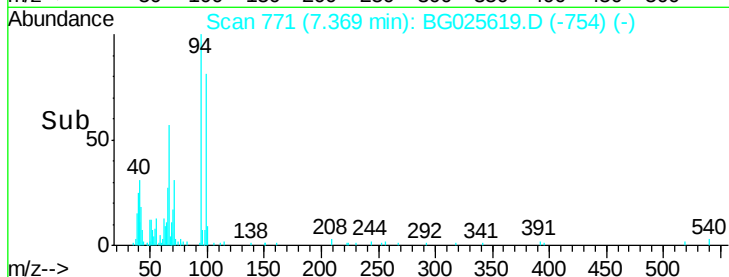
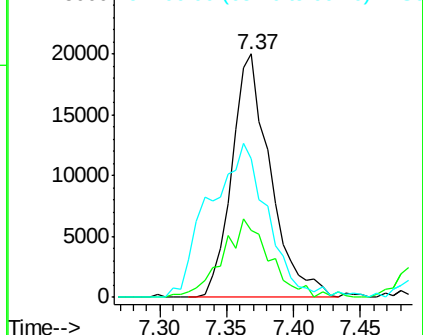
94 100

65 27.4 26.8 40.2

66 56.7 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: 9.72 ng/ul

RT: 14.25 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BG025619.D

Acq: 24 Jan 2017 22:29

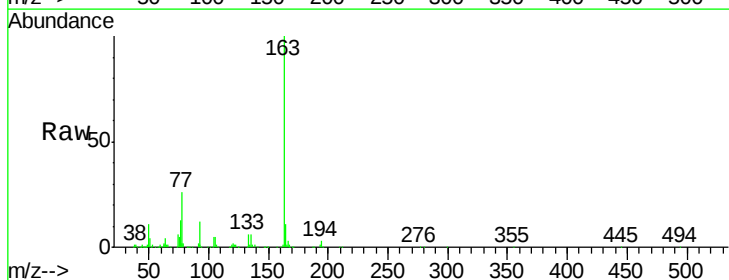
Tgt Ion:163 Resp: 186224

Ion Ratio Lower Upper

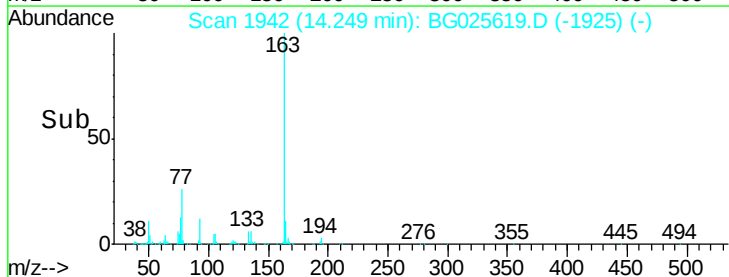
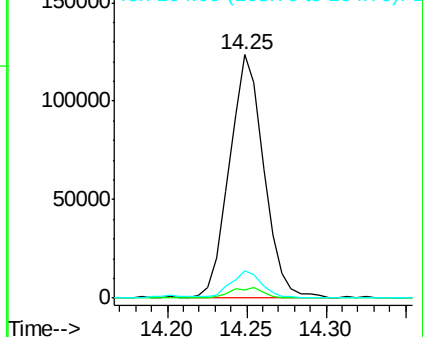
163 100

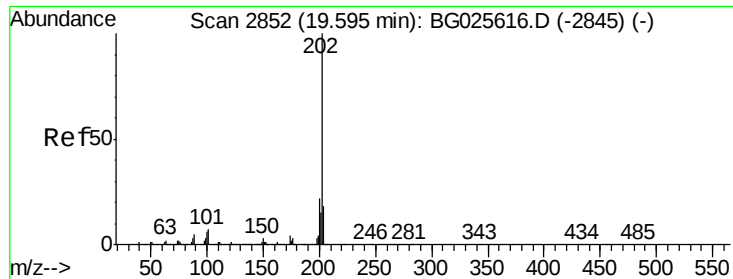
194 3.4 3.4 5.0

164 11.1 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: 1.52 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. 0.01 min

Lab File: BG025619.D

Acq: 24 Jan 2017 22:29

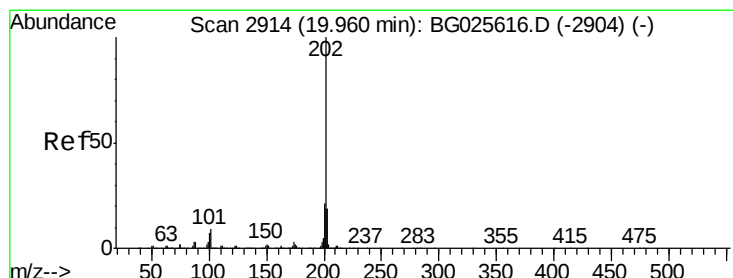
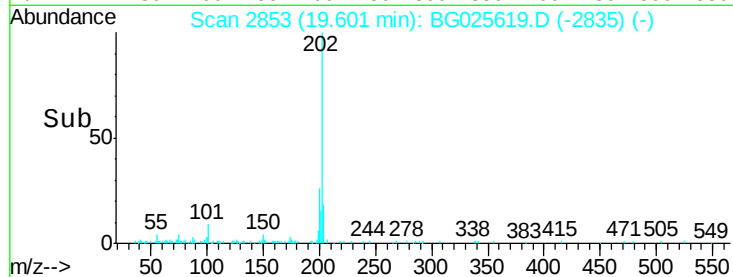
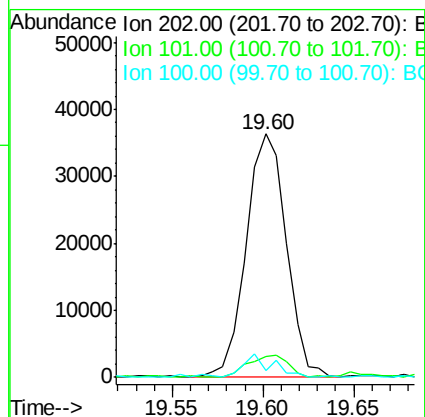
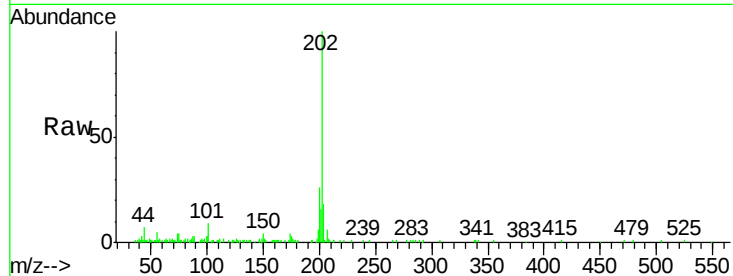
Instrument :

BNA_G

ClientSampleId :

BDP29

Tgt Ion:	202	Resp:	55815
Ion Ratio	Lower	Upper	
202	100		
101	8.7	6.2	9.2
100	2.6	5.2	7.8#



#77

Pyrene

Concen: 1.46 ng/ul

RT: 19.96 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BG025619.D

Acq: 24 Jan 2017 22:29

Tgt Ion:	202	Resp:	55440
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.9	10.3
100	14.4	6.6	10.0#

