

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
 Data File : BG023462.D
 Acq On : 4 Aug 2016 21:47
 Operator : UM/SJ
 Sample : H4208-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDJJ6

Quant Time: Aug 05 03:29:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 05 02:31:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	92315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	465432	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	376153	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1037654	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1046485	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1028025	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	2528	1.16	ng/uL	0.00
5) Phenol-d5	7.27	99	170491	18.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	120411	20.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	122354	19.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	141361	19.47	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	68275	18.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	80413	19.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	145461	18.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	190682	20.45	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	638492	20.73	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	701262	20.23	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	95255	18.12	ng/ul	0.00
57) Fluorene-d10	15.77	176	597669	21.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	107171	16.10	ng/ul	0.00
70) Anthracene-d10	17.64	188	984725	21.06	ng/ul	0.00
76) Pyrene-d10	19.93	212	1142858	21.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1005907	21.62	ng/ul	0.00

Target Compounds

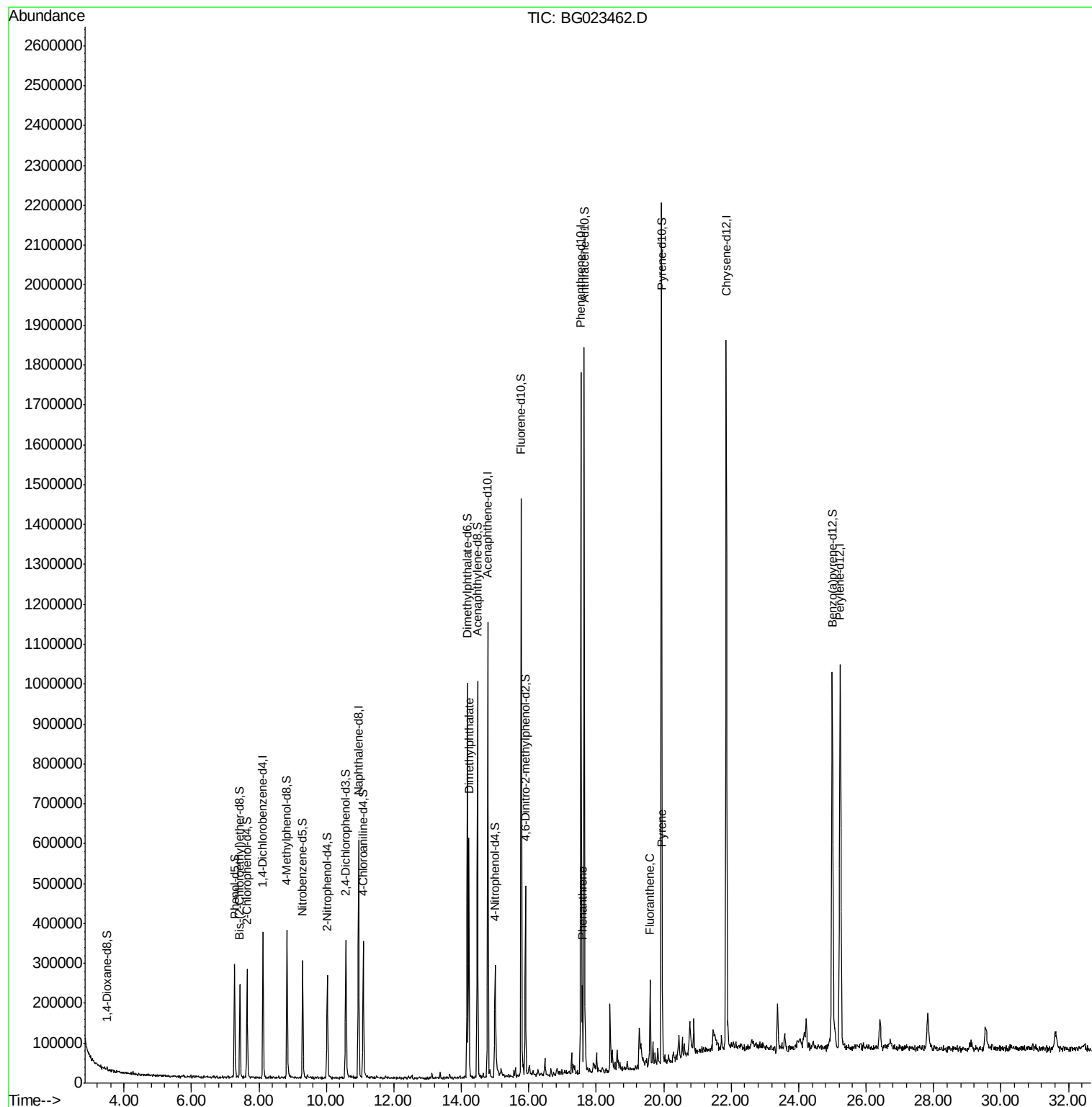
						Ovalue
44) Dimethylphthalate	14.22	163	367402	12.05	ng/ul	98
69) Phenanthrene	17.58	178	132541	2.47	ng/ul	98
74) Fluoranthene	19.60	202	132905	2.42	ng/ul#	91
77) Pyrene	19.96	202	108436	1.68	ng/ul#	93

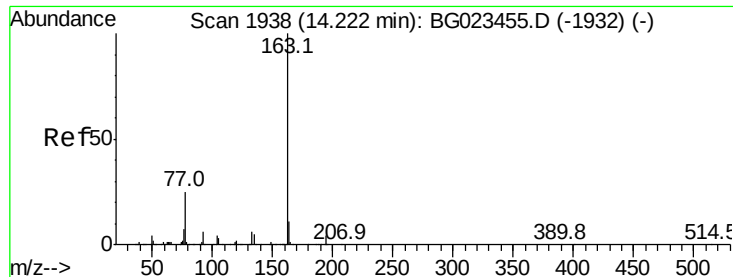
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 12.05 ng/ul

RT: 14.22 min Scan# 1938

Delta R.T. -0.00 min

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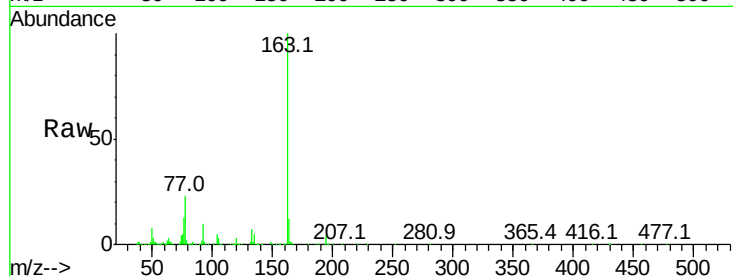
Tot Ion:163 Resp: 367402

Ion Ratio Lower Upper

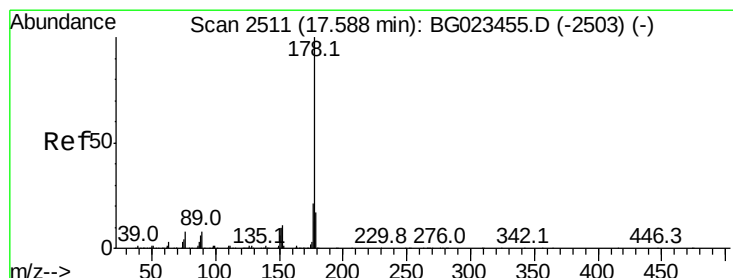
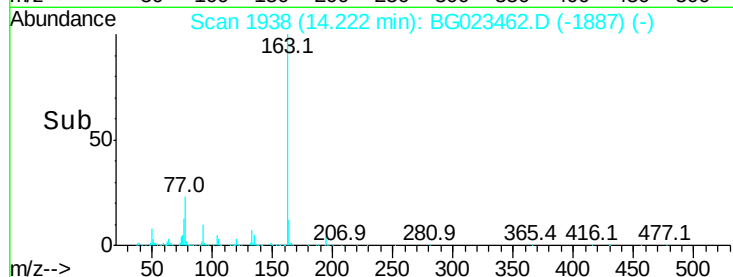
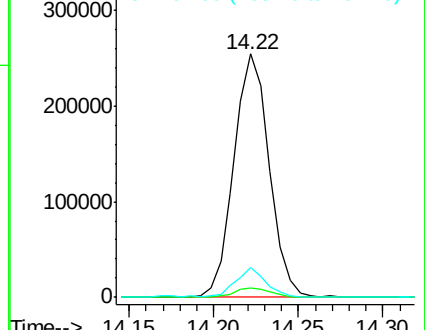
163 100

194 3.9 3.4 5.2

164 12.1 8.8 13.2



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



#69

Phenanthrene

Concen: 2.47 ng/ul

RT: 17.58 min Scan# 2510

Delta R.T. -0.01 min

Lab File: BG023462.D

Acq: 4 Aug 2016 21:47

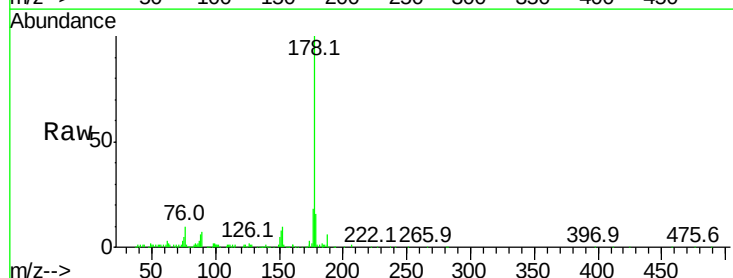
Tgt Ion:178 Resp: 132541

Ion Ratio Lower Upper

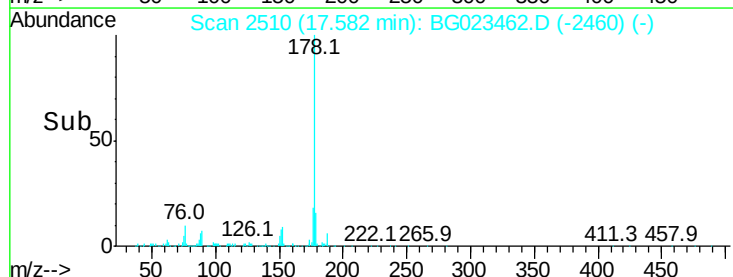
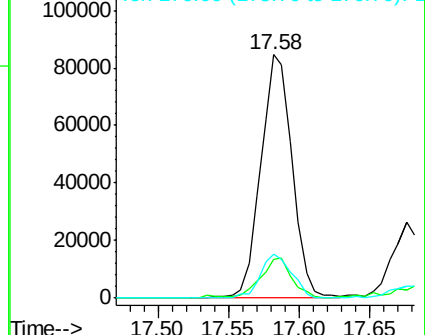
178 100

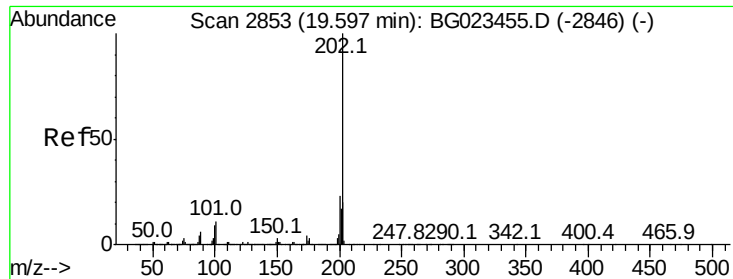
179 15.9 12.9 19.3

176 18.2 15.8 23.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.42 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023462.D

Acq: 4 Aug 2016 21:47

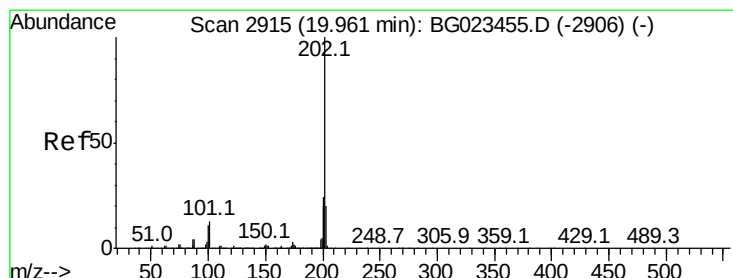
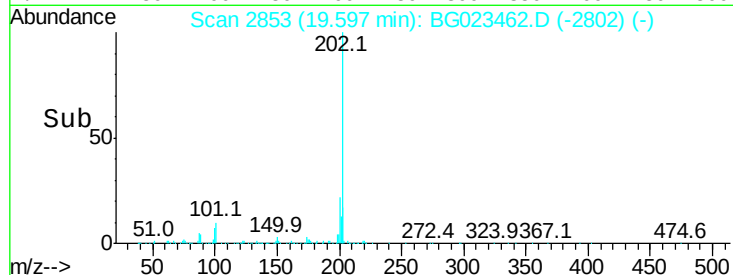
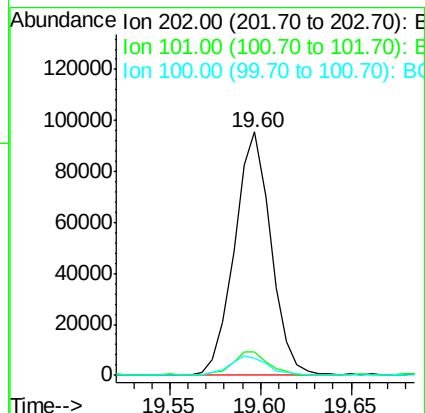
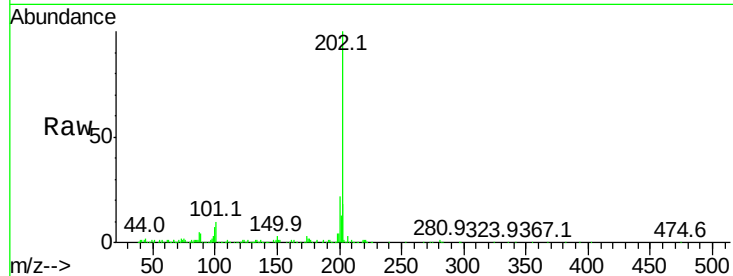
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Tot Ion:	202	Resp:	132905
Ion	Ratio	Lower	Upper
202	100		
101	9.9	10.6	16.0#
100	7.2	8.7	13.1#



#77

Pyrene

Concen: 1.68 ng/ul

RT: 19.96 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG023462.D

Acq: 4 Aug 2016 21:47

Tgt Ion:	202	Resp:	108436
Ion	Ratio	Lower	Upper
202	100		
101	12.1	12.5	18.7#
100	10.8	10.2	15.4

