

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050817\
 Data File : BG026895.D
 Acq On : 8 May 2017 19:53
 Operator : SJ/MA
 Sample : I2975-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHAA0

Quant Time: May 09 01:14:04 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 09 01:04:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	182636	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	901376	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	479939	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	886807	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	814208	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	855430	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	22147	5.46	ng/uL	0.00
5) Phenol-d5	7.18	99	137518	8.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	297785	31.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	361448	26.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	256152	18.93	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	224978	29.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	248645	30.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	380189	29.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	544668	31.25	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	1192209	30.86	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1539146	31.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.86	143	36215	5.20	ng/ul	0.03
57) Fluorene-d10	15.60	176	998549	29.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	106531	19.78	ng/ul	0.00
70) Anthracene-d10	17.45	188	1384446	32.17	ng/ul	0.00
76) Pyrene-d10	19.73	212	1343386	31.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	1316442	32.55	ng/ul	0.00

Target Compounds

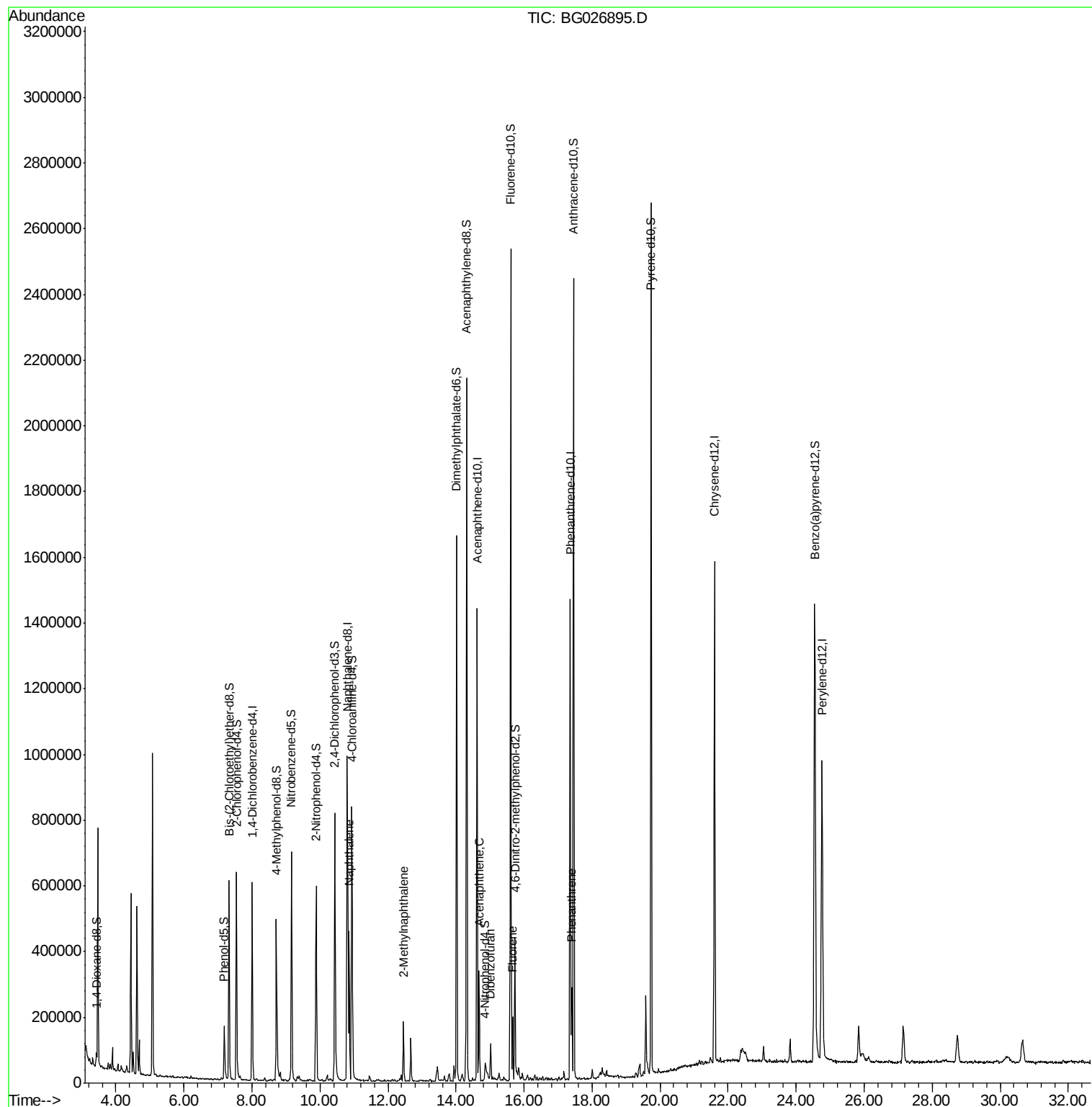
						Qvalue
28) Naphthalene	10.85	128	416253	8.87	ng/ul	99
34) 2-Methylnaphthalene	12.45	142	93858	2.70	ng/ul	93
49) Acenaphthene	14.68	153	147873	4.30	ng/ul	95
53) Dibenzofuran	15.02	168	73829	1.61	ng/ul	91
58) Fluorene	15.66	166	91541	2.45	ng/ul	97
69) Phenanthrene	17.40	178	170211	3.41	ng/ul	99

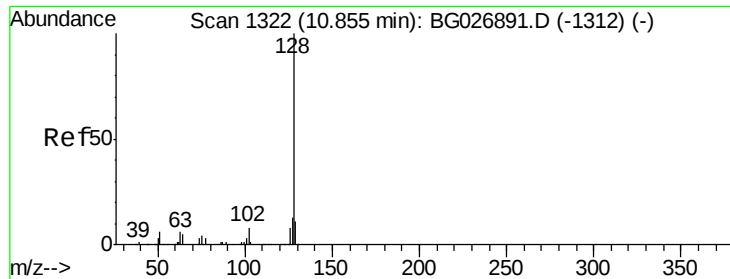
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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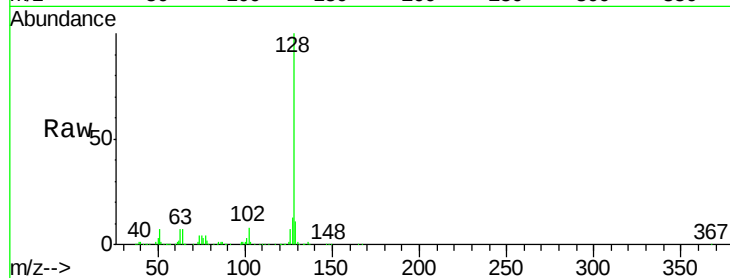




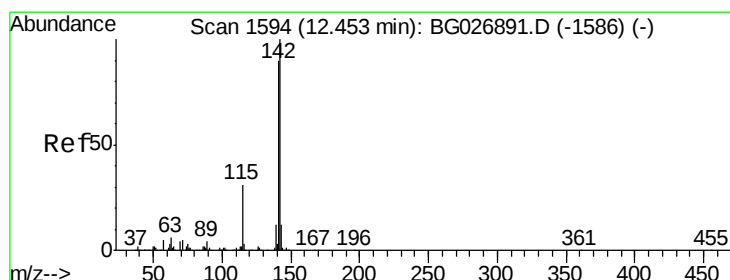
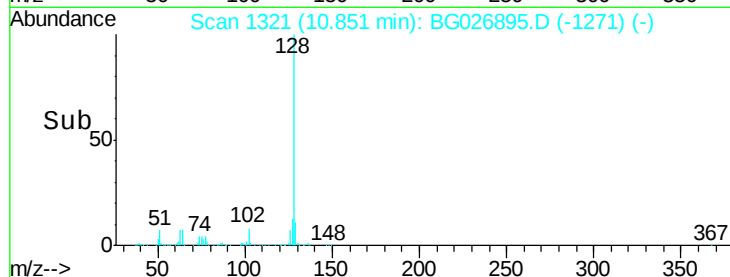
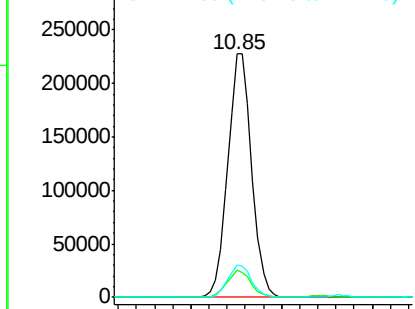
#28
Naphthalene
Concen: 8.87 ng/ul
RT: 10.85 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BG026895.D
Acq: 8 May 2017 19:53

Instrument :
BNA_G
ClientSampleId :
JHAA0

Tgt Ion:128 Resp: 416253
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.2 10.3 15.5

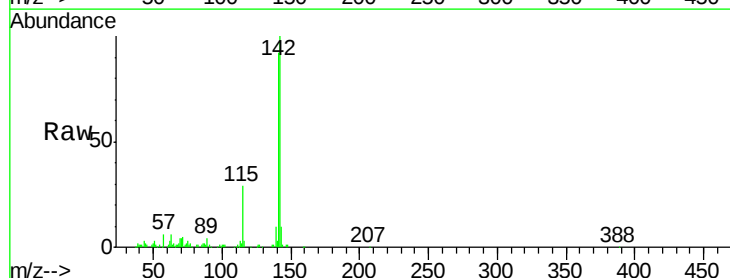


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

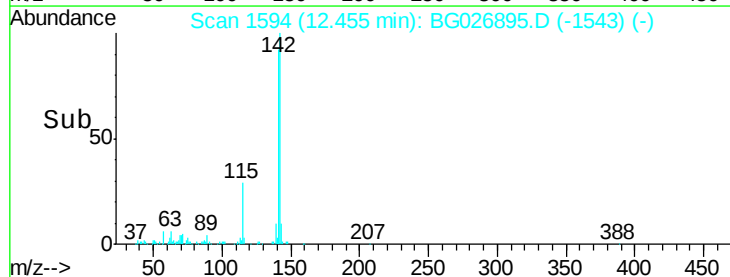
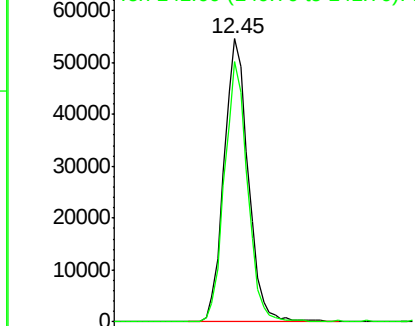


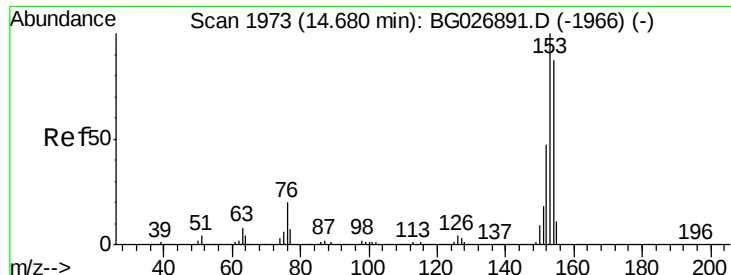
#34
2-Methylnaphthalene
Concen: 2.70 ng/ul
RT: 12.45 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BG026895.D
Acq: 8 May 2017 19:53

Tgt Ion:142 Resp: 93858
Ion Ratio Lower Upper
142 100
141 91.9 68.6 102.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#49

Acenaphthene

Concen: 4.30 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG026895.D

Acq: 8 May 2017 19:53

Instrument :

BNA_G

ClientSampleId :

JHAA0

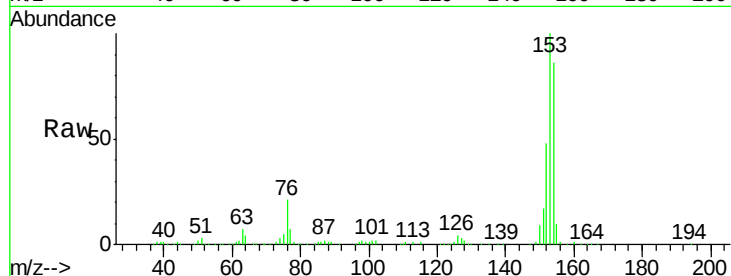
Tgt Ion:153 Resp: 147873

Ion Ratio Lower Upper

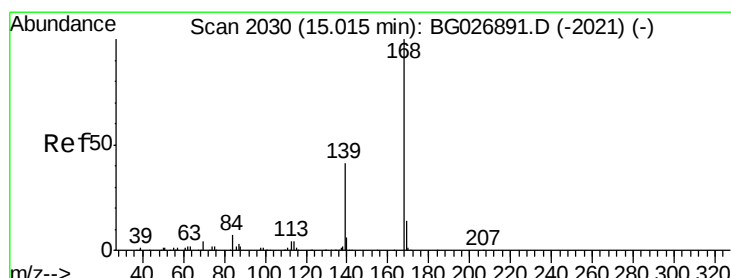
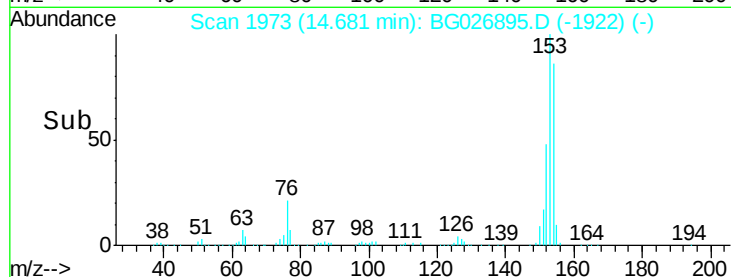
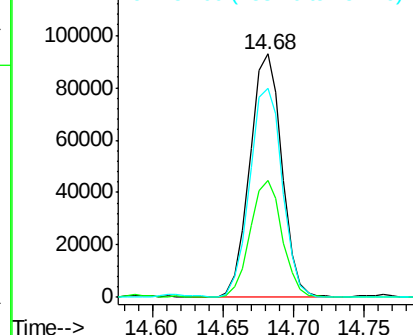
153 100

152 48.0 36.5 54.7

154 85.7 72.3 108.5



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.61 ng/ul

RT: 15.02 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG026895.D

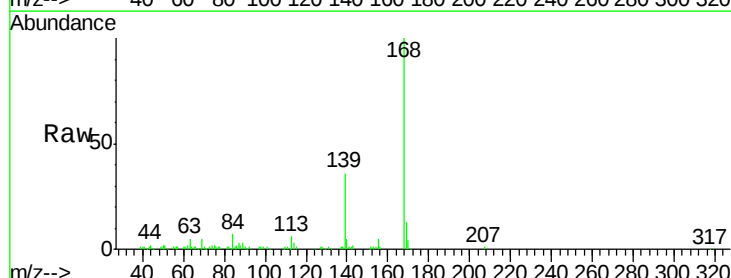
Acq: 8 May 2017 19:53

Tgt Ion:168 Resp: 73829

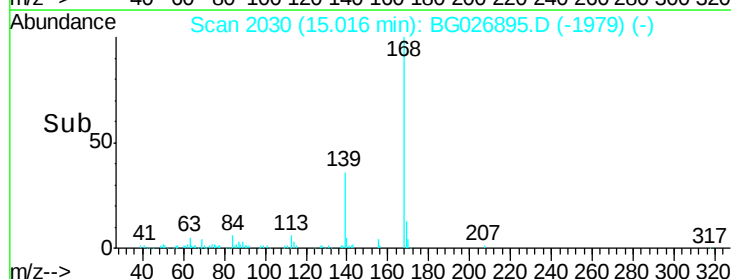
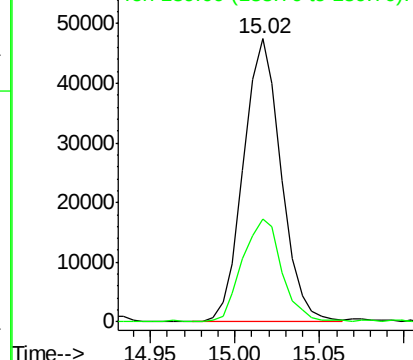
Ion Ratio Lower Upper

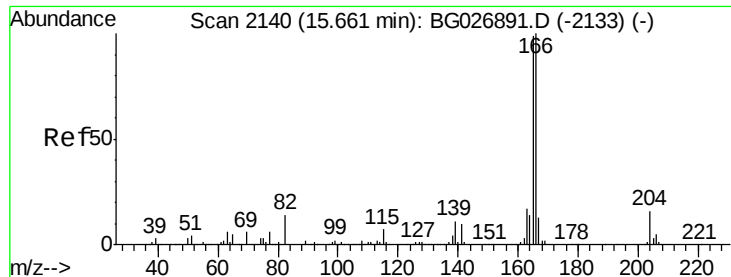
168 100

139 36.5 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.45 ng/ul

RT: 15.66 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG026895.D

Acq: 8 May 2017 19:53

Instrument :

BNA_G

ClientSampleId :

JHAA0

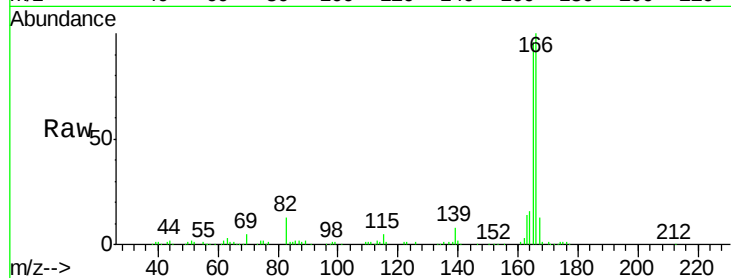
Tgt Ion:166 Resp: 91541

Ion Ratio Lower Upper

166 100

165 96.4 79.7 119.5

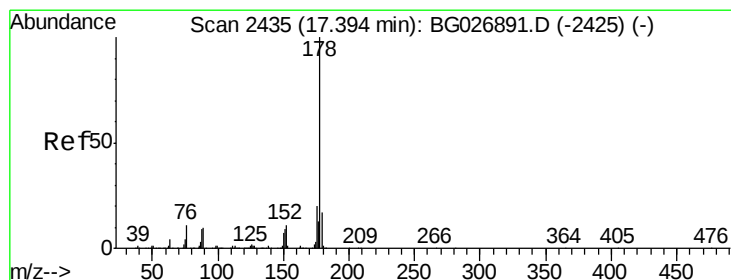
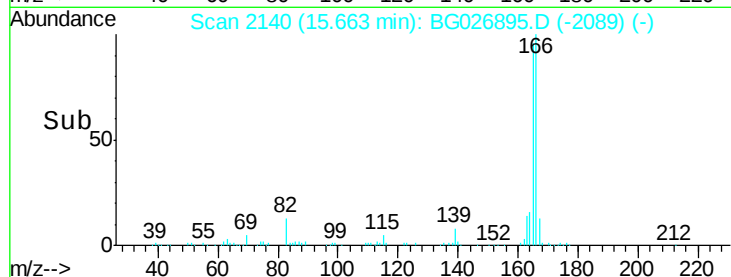
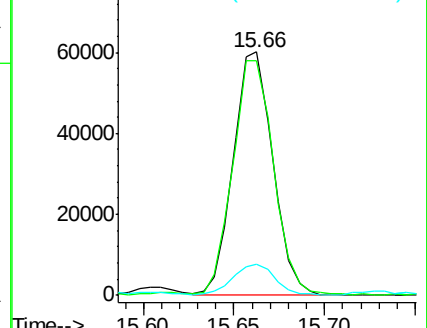
167 13.0 11.4 17.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 3.41 ng/ul

RT: 17.40 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG026895.D

Acq: 8 May 2017 19:53

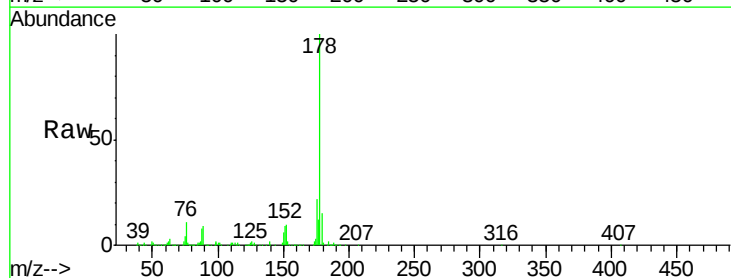
Tgt Ion:178 Resp: 170211

Ion Ratio Lower Upper

178 100

179 15.4 12.4 18.6

176 21.6 16.5 24.7



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

