

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029257.D
 Acq On : 15 Oct 2017 13:32
 Operator : SJ/JU
 Sample : I5593-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 08:39:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 07:39:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	119324	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	535905	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	311644	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	639807	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	571179	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	558914	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	19923	6.79	ng/uL	0.00
5) Phenol-d5	7.32	99	407650	35.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	267596	37.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	315338	39.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	320131	34.61	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	164800	42.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	179069	45.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	322456	35.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	401687	38.49	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	989056	37.12	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1242345	38.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	146995	29.88	ng/ul	0.00
57) Fluorene-d10	15.78	176	838420	38.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	91198	29.20	ng/ul	0.00
70) Anthracene-d10	17.63	188	1210225	40.00	ng/ul	0.00
76) Pyrene-d10	19.90	212	1205121	40.76	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	1081760	40.86	ng/ul	0.01

Target Compounds

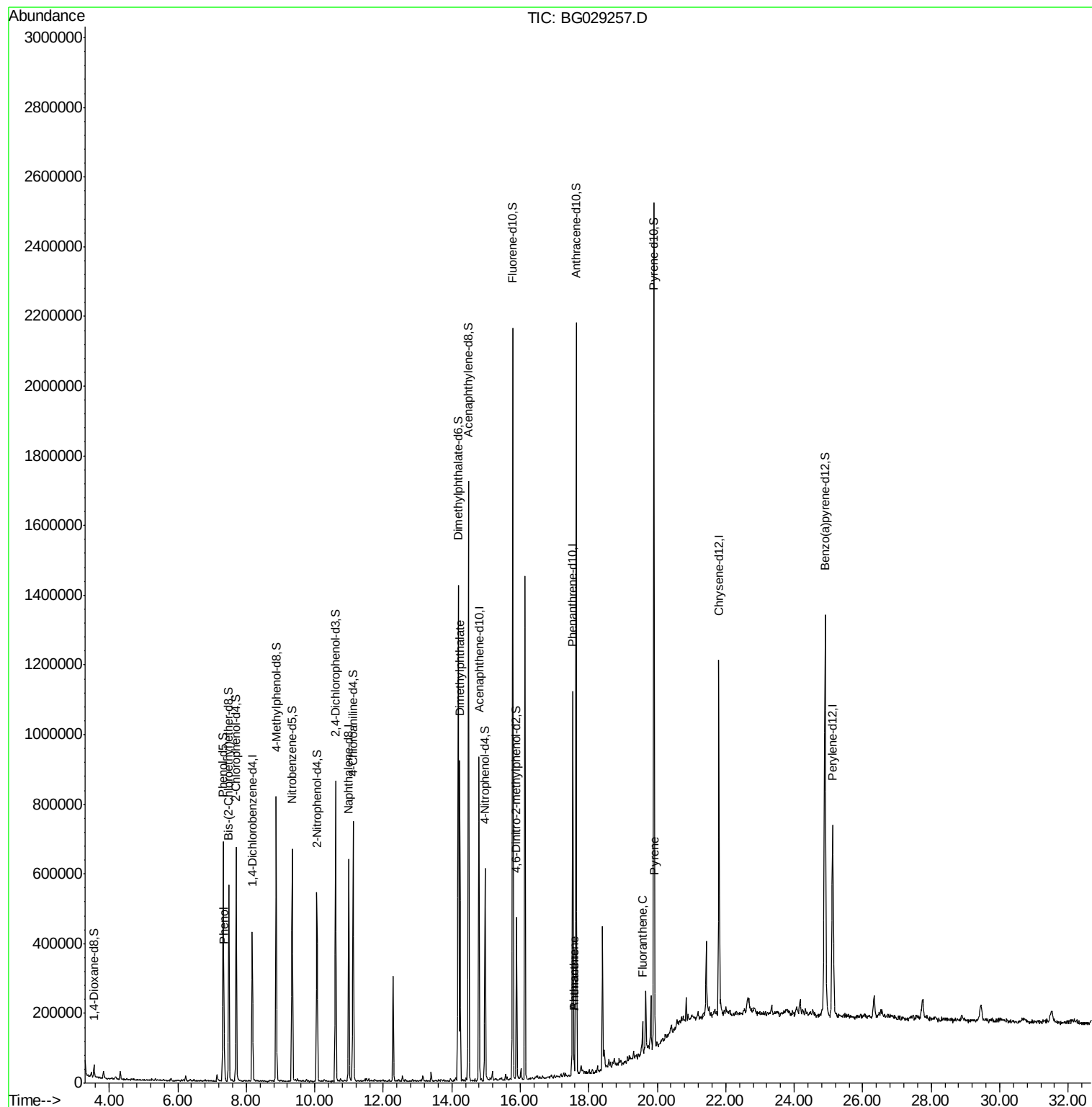
					Ovalue
6) Phenol	7.35	94	70830	5.977	ng/ul 94
44) Dimethylphthalate	14.23	163	571737	22.000	ng/ul 97
69) Phenanthrene	17.57	178	36288	1.049	ng/ul 97
71) Anthracene	17.57	178	36288	1.017	ng/ul 98
74) Fluoranthene	19.57	202	49763	1.287	ng/ul# 93
77) Pyrene	19.93	202	49147	1.284	ng/ul# 82

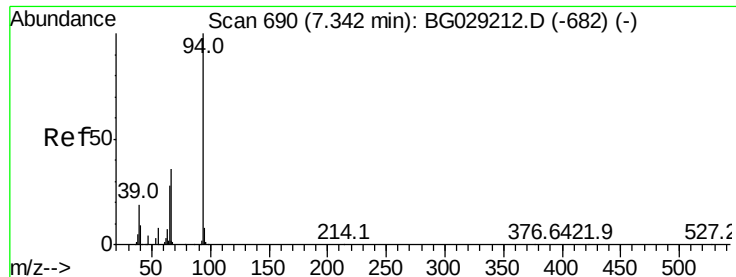
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.977 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG029257.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_G

ClientSampleId :

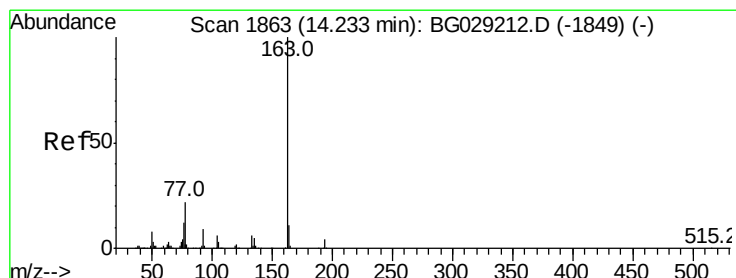
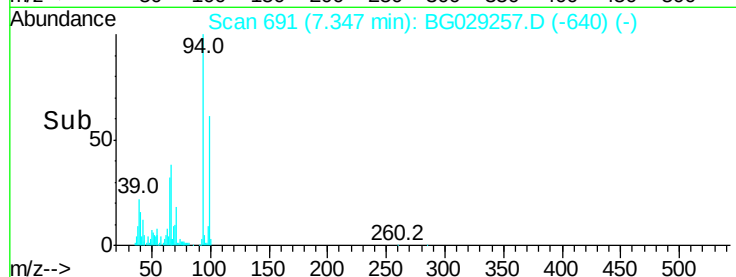
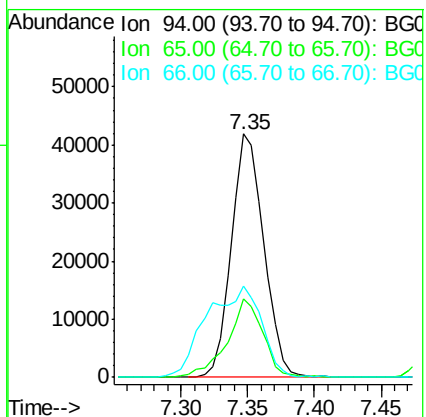
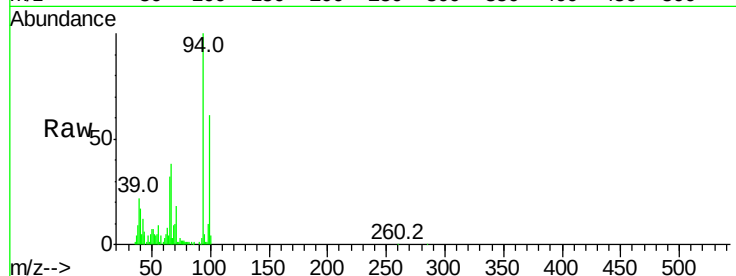
Tot Ion: 94 Resp: 70830

Ion Ratio Lower Upper

94 100

65 32.2 27.1 40.7

66 37.5 34.6 52.0



#44

Dimethylphthalate

Concen: 22.000 ng/ul

RT: 14.23 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BG029257.D

Acq: 15 Oct 2017 13:32

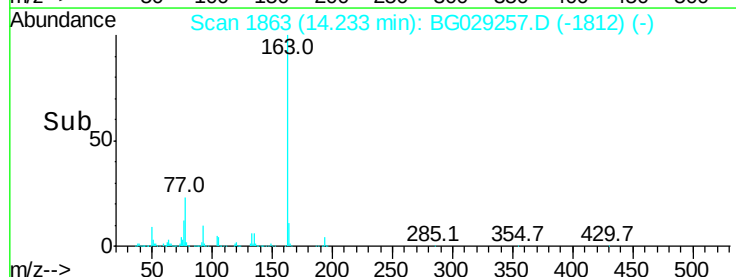
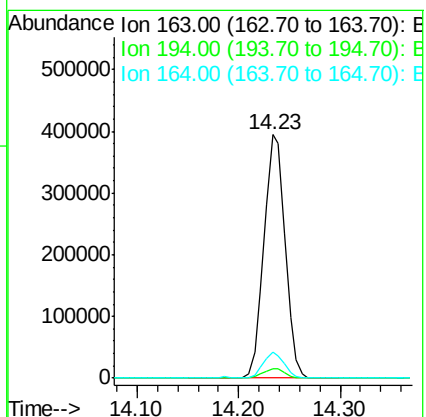
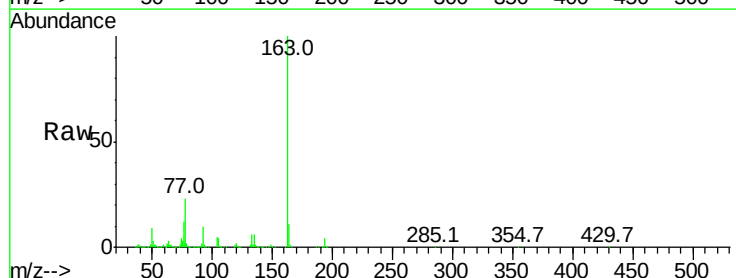
Tgt Ion:163 Resp: 571737

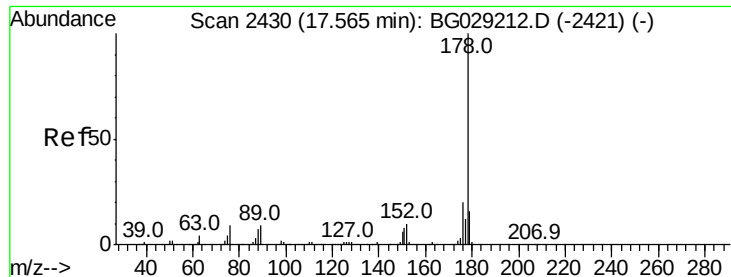
Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

164 10.7 7.6 11.4





#69

Phenanthrene

Concen: 1.049 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG029257.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_G

ClientSampleId :

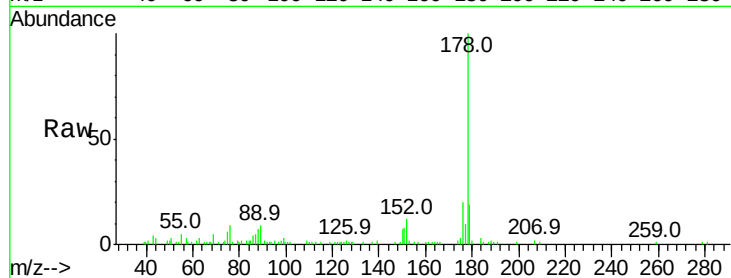
Tot Ion:178 Resp: 36288

Ion Ratio Lower Upper

178 100

179 18.6 13.0 19.6

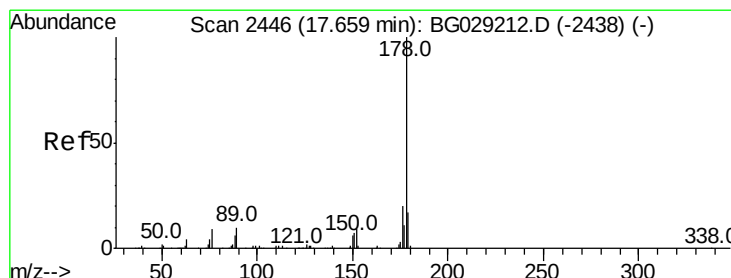
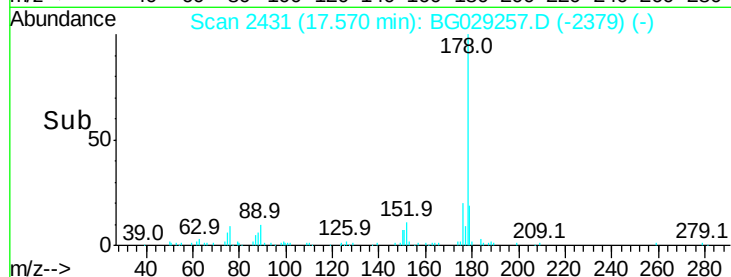
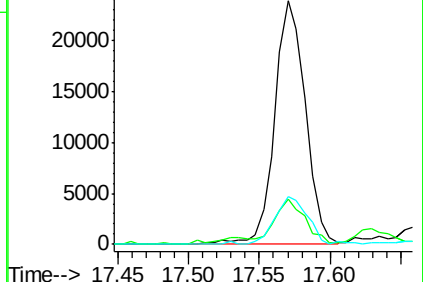
176 19.8 15.3 22.9



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



#71

Anthracene

Concen: 1.017 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. -0.09 min

Lab File: BG029257.D

Acq: 15 Oct 2017 13:32

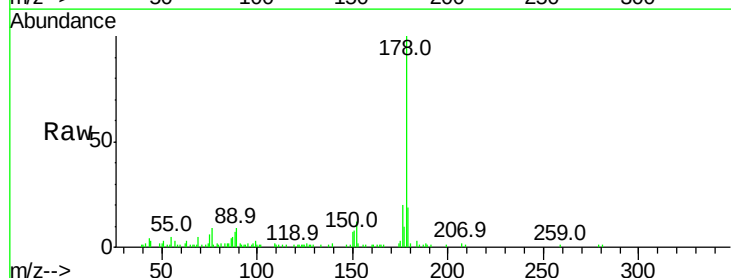
Tgt Ion:178 Resp: 36288

Ion Ratio Lower Upper

178 100

179 18.6 13.2 19.8

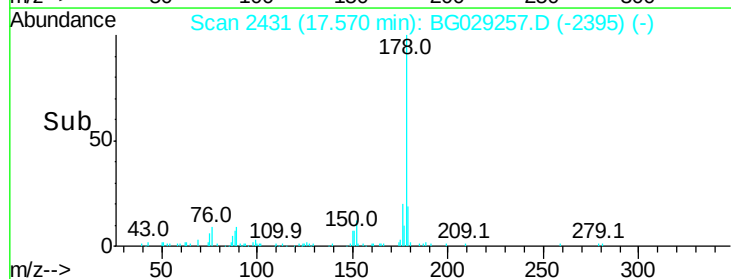
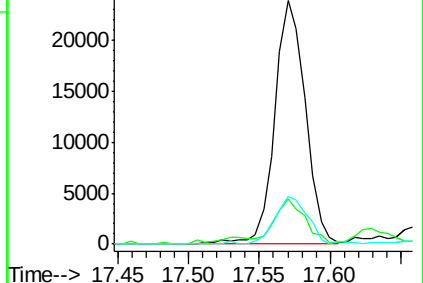
176 19.8 16.0 24.0

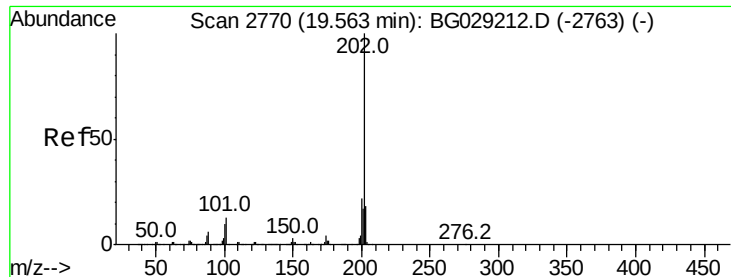


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.287 ng/ul

RT: 19.57 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BG029257.D

Acq: 15 Oct 2017 13:32

Instrument :

BNA_G

ClientSampleId :

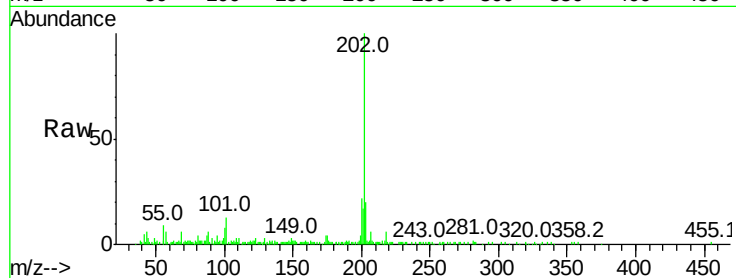
Tot Ion:202 Resp: 49763

Ion Ratio Lower Upper

202 100

101 12.9 7.4 11.2#

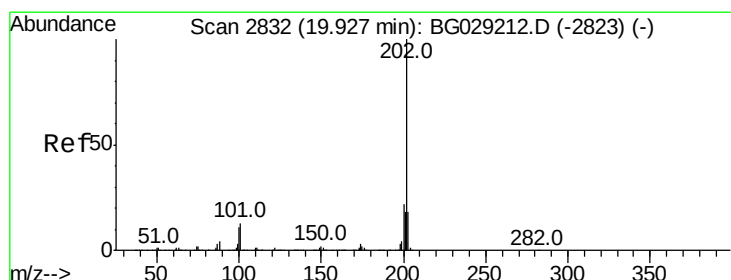
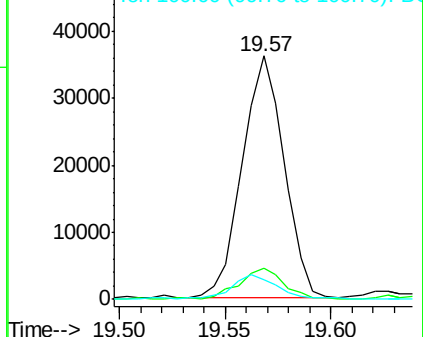
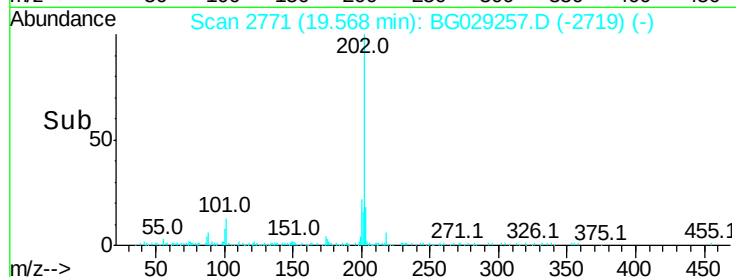
100 8.3 5.6 8.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 1.284 ng/ul

RT: 19.93 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG029257.D

Acq: 15 Oct 2017 13:32

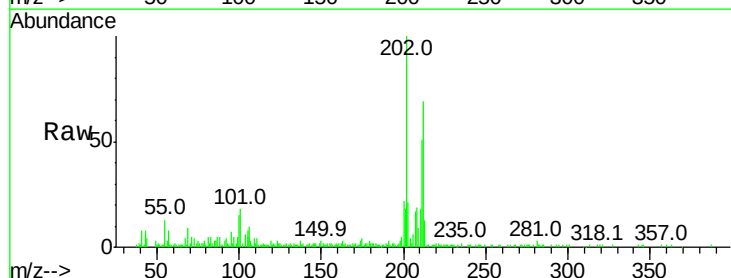
Tgt Ion:202 Resp: 49147

Ion Ratio Lower Upper

202 100

101 17.7 8.4 12.6#

100 15.1 7.0 10.6#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

