

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029256.D
 Acq On : 15 Oct 2017 12:52
 Operator : SJ/JU
 Sample : I5593-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 08:38:44 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	8.17	152	123486	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	545678	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	314470	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	651274	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	575960	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	573256	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	6102	2.01	ng/uL	0.00
5) Phenol-d5	7.32	99	138743	11.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	89316	12.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	103767	12.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	105465	11.02	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	54231	13.84	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	56894	14.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	110664	12.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	104797	9.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	347791	12.94	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	436282	13.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	43409	8.75	ng/ul	0.00
57) Fluorene-d10	15.78	176	292949	13.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	23325	7.34	ng/ul	0.00
70) Anthracene-d10	17.63	188	419137	13.61	ng/ul	0.00
76) Pyrene-d10	19.90	212	418162	14.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	350855	12.92	ng/ul	0.00

Target Compounds

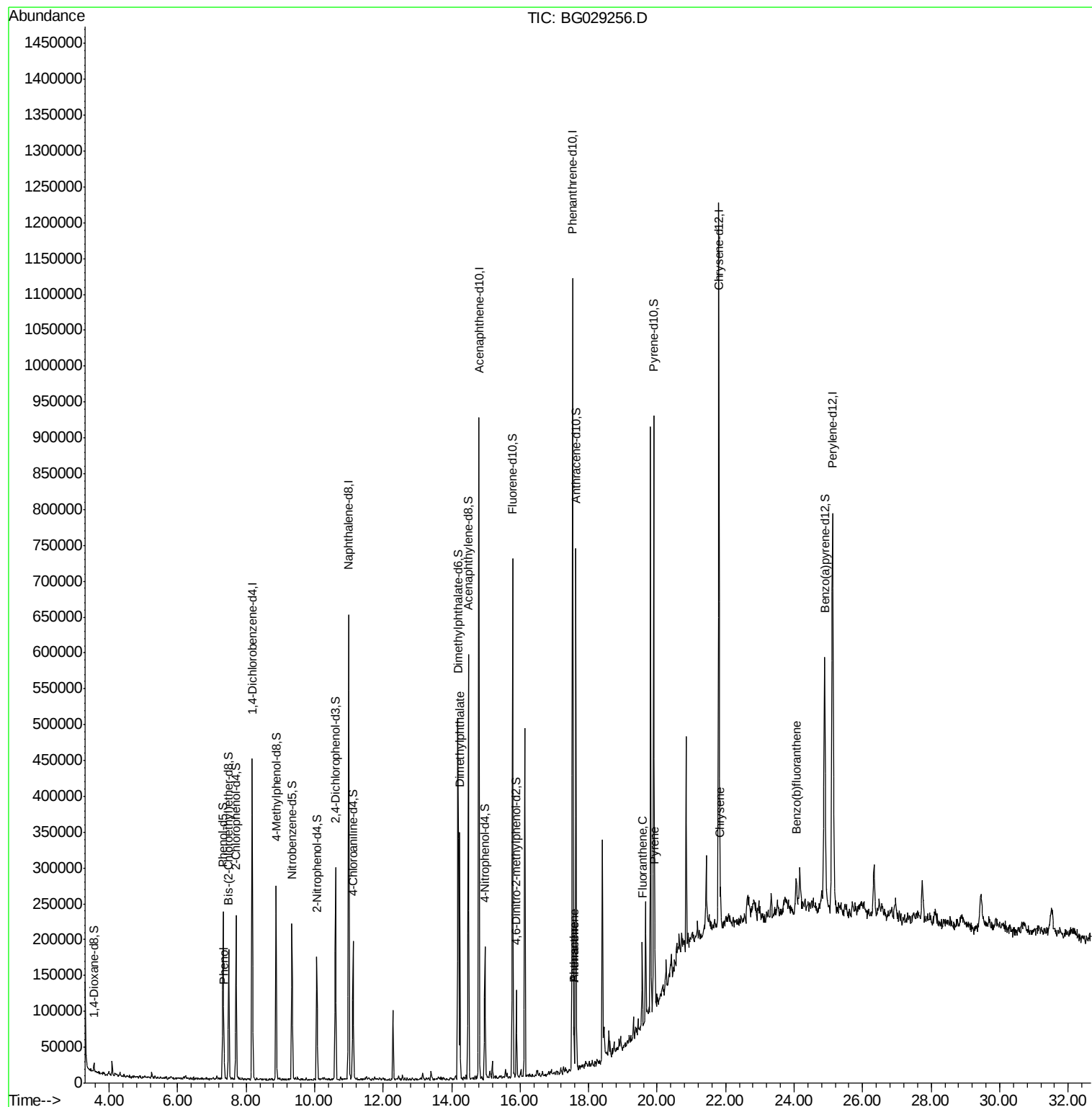
					Ovalue	
6) Phenol	7.35	94	21780	1.776	ng/ul	93
44) Dimethylphthalate	14.23	163	216620	8.261	ng/ul	97
69) Phenanthrene	17.57	178	37281	1.059	ng/ul	97
71) Anthracene	17.57	178	37281	1.026	ng/ul	95
74) Fluoranthene	19.57	202	70490	1.791	ng/ul#	92
77) Pyrene	19.93	202	70239	1.820	ng/ul#	88
82) Chrysene	21.85	228	43759	1.334	ng/ul	95
85) Benzo(b)fluoranthene	24.05	252	47338	1.376	ng/ul#	85

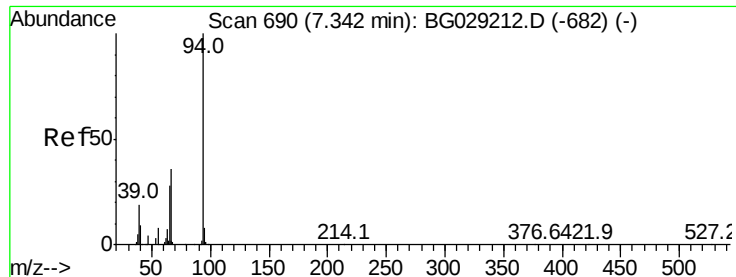
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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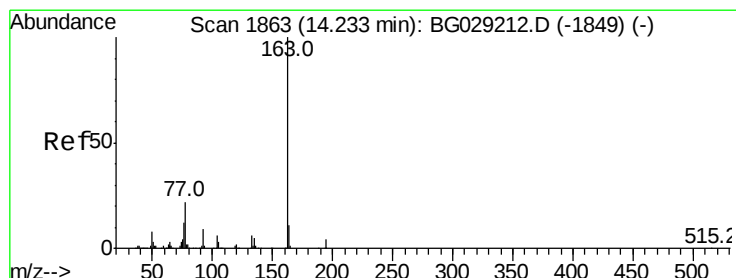
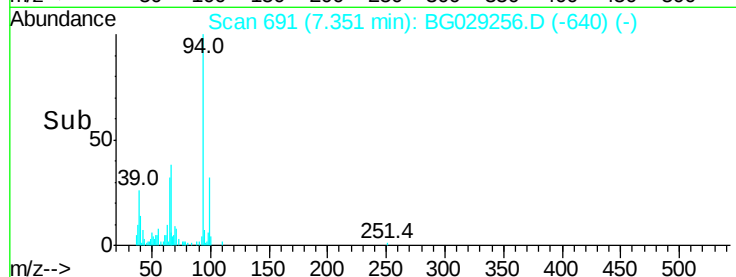
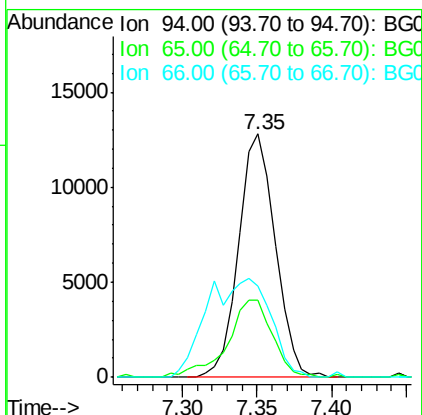
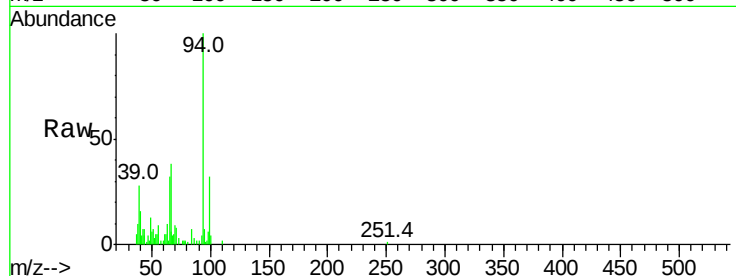
#6

Phenol

Concen: 1.776 ng/ul
 RT: 7.35 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BG029256.D
 Acq: 15 Oct 2017 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 94 Resp: 21780
 Ion Ratio Lower Upper
 94 100
 65 31.7 27.1 40.7
 66 37.7 34.6 52.0

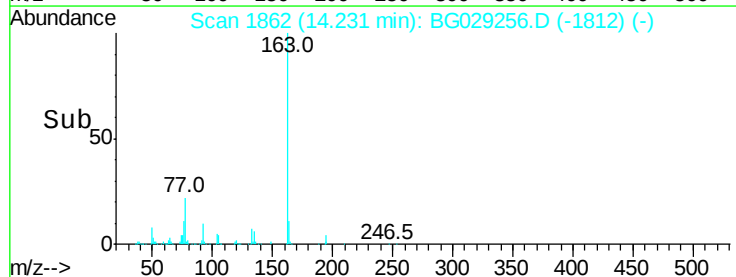
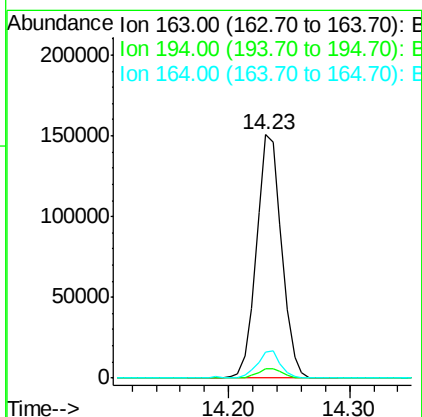
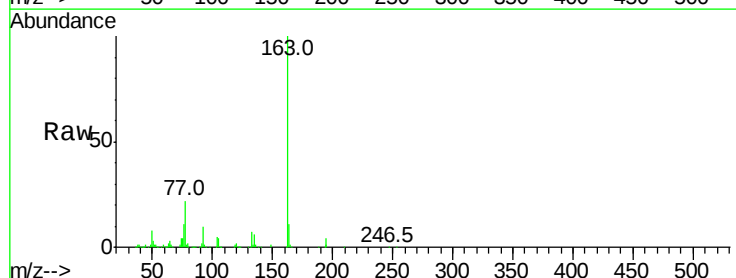


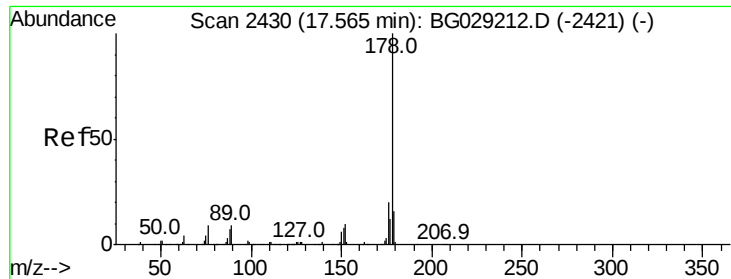
#44

Dimethylphthalate

Concen: 8.261 ng/ul
 RT: 14.23 min Scan# 1862
 Delta R.T. -0.01 min
 Lab File: BG029256.D
 Acq: 15 Oct 2017 12:52

Tgt Ion:163 Resp: 216620
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.5 5.3
 164 10.7 7.6 11.4





#69

Phenanthrene

Concen: 1.059 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BG029256.D

Acq: 15 Oct 2017 12:52

Instrument :

BNA_G

ClientSampleId :

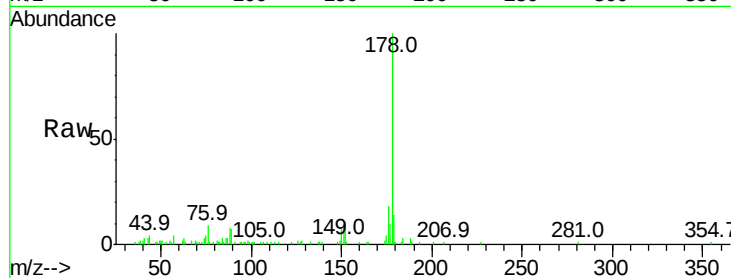
Tot Ion:178 Resp: 37281

Ion Ratio Lower Upper

178 100

179 14.6 13.0 19.6

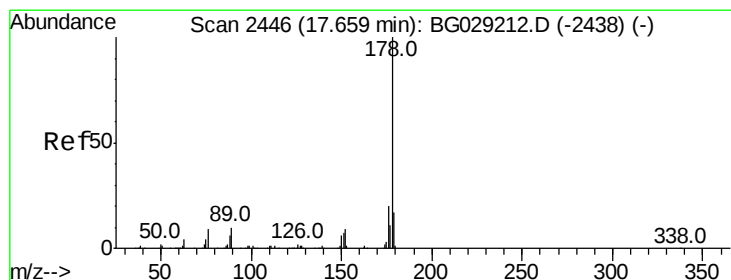
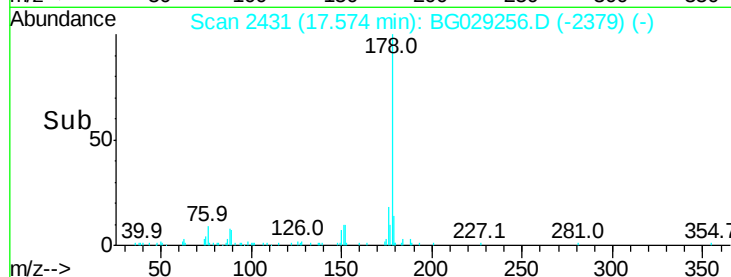
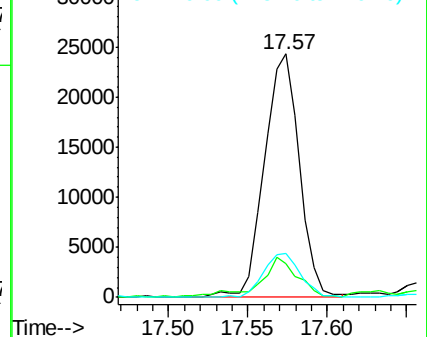
176 17.8 15.3 22.9



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: 1.026 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. -0.09 min

Lab File: BG029256.D

Acq: 15 Oct 2017 12:52

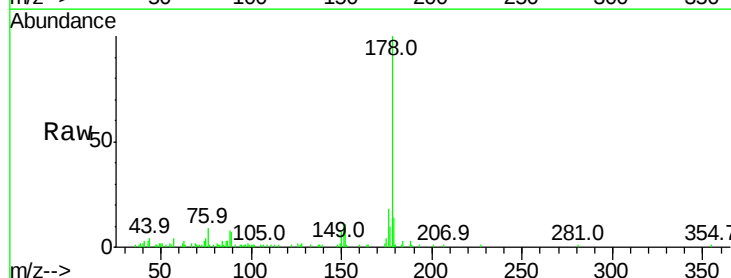
Tgt Ion:178 Resp: 37281

Ion Ratio Lower Upper

178 100

179 14.6 13.2 19.8

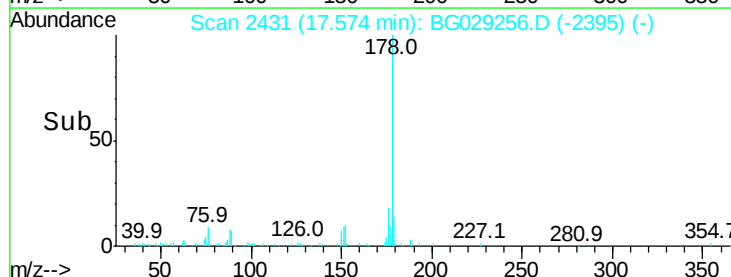
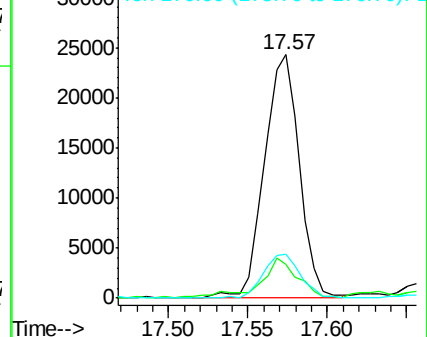
176 17.8 16.0 24.0

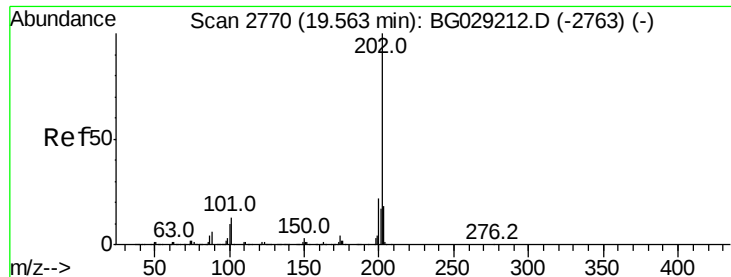


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.791 ng/ul

RT: 19.57 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG029256.D

Acq: 15 Oct 2017 12:52

Instrument :

BNA_G

ClientSampleId :

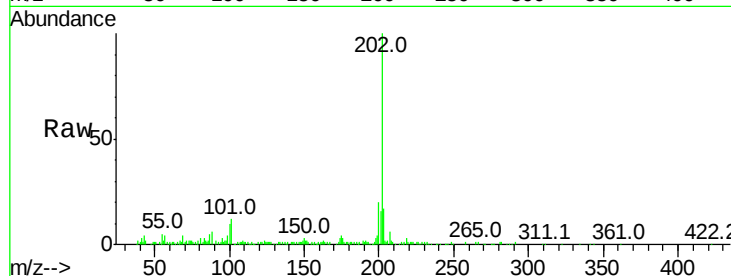
Tot Ion:202 Resp: 70490

Ion Ratio Lower Upper

202 100

101 12.1 7.4 11.2#

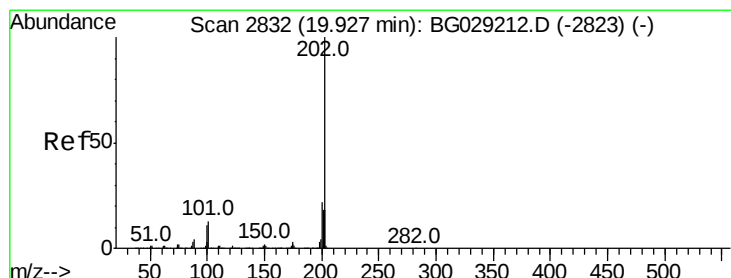
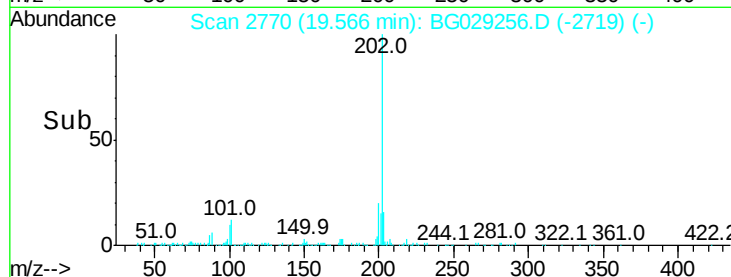
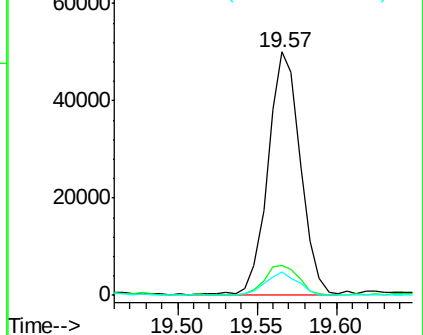
100 9.9 5.6 8.4#



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: 1.820 ng/ul

RT: 19.93 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BG029256.D

Acq: 15 Oct 2017 12:52

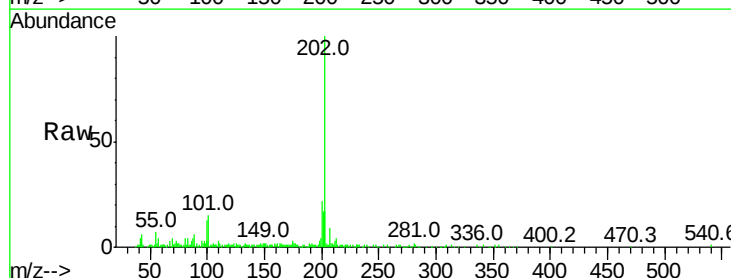
Tgt Ion:202 Resp: 70239

Ion Ratio Lower Upper

202 100

101 14.8 8.4 12.6#

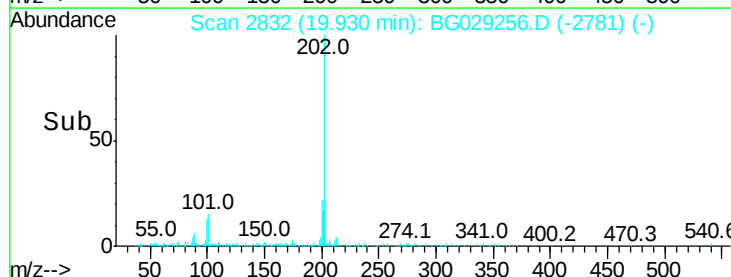
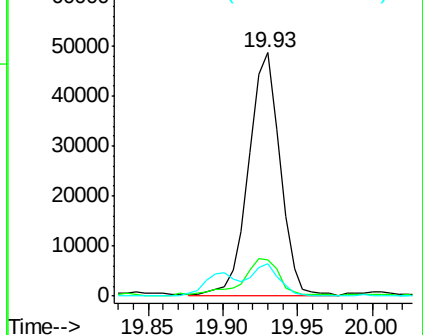
100 13.4 7.0 10.6#

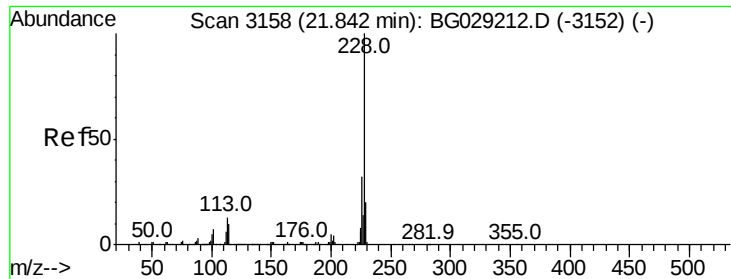


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 1.334 ng/ul

RT: 21.85 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG029256.D

Acq: 15 Oct 2017 12:52

Instrument :

BNA_G

ClientSampleId :

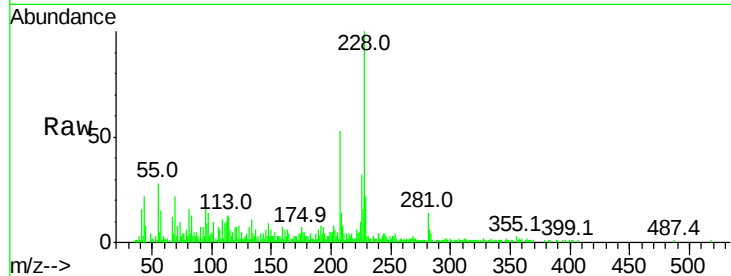
Tot Ion:228 Resp: 43759

Ion Ratio Lower Upper

228 100

226 32.2 24.2 36.2

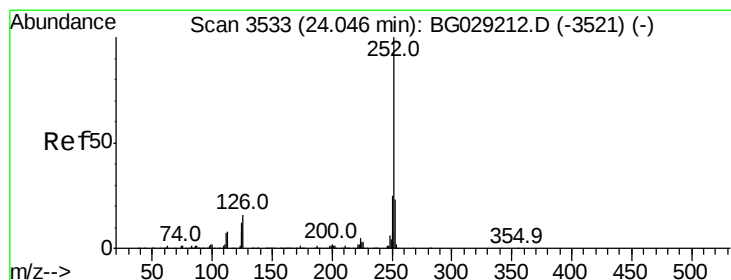
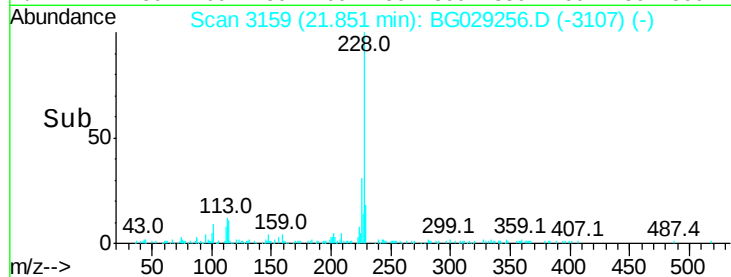
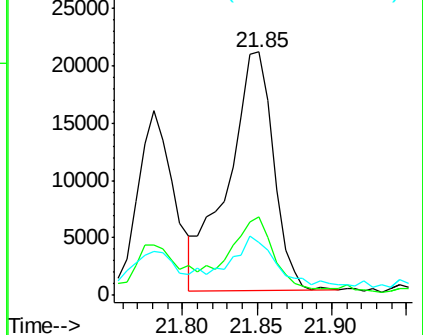
229 21.8 15.2 22.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 1.376 ng/ul

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG029256.D

Acq: 15 Oct 2017 12:52

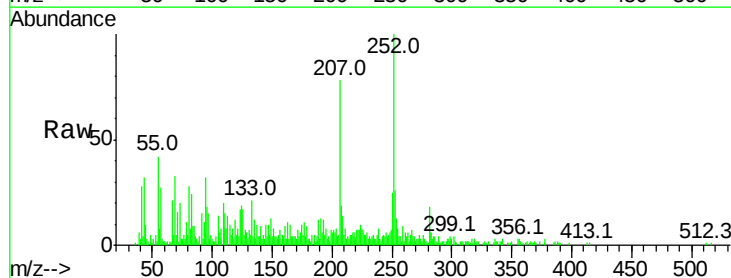
Tgt Ion:252 Resp: 47338

Ion Ratio Lower Upper

252 100

253 26.2 17.0 25.4#

125 18.8 7.5 11.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

