

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029258.D
 Acq On : 15 Oct 2017 14:12
 Operator : SJ/JU
 Sample : I5593-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 08:39:17 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	133560	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	590182	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	337975	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	687732	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	612985	20.00	ng/ul	0.00
83) Perylene-d12	25.13	264	601928	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	17382	5.29	ng/uL	0.00
5) Phenol-d5	7.32	99	334026	26.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	249474	31.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	262981	29.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	230650	22.28	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	155952	36.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	166523	38.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	272640	27.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	318476	27.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	916989	31.74	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1165013	33.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	102391	19.19	ng/ul	0.00
57) Fluorene-d10	15.78	176	775543	32.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	58441	17.41	ng/ul	0.00
70) Anthracene-d10	17.63	188	1103382	33.92	ng/ul	0.00
76) Pyrene-d10	19.90	212	1105956	34.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	990247	34.73	ng/ul	0.02

Target Compounds

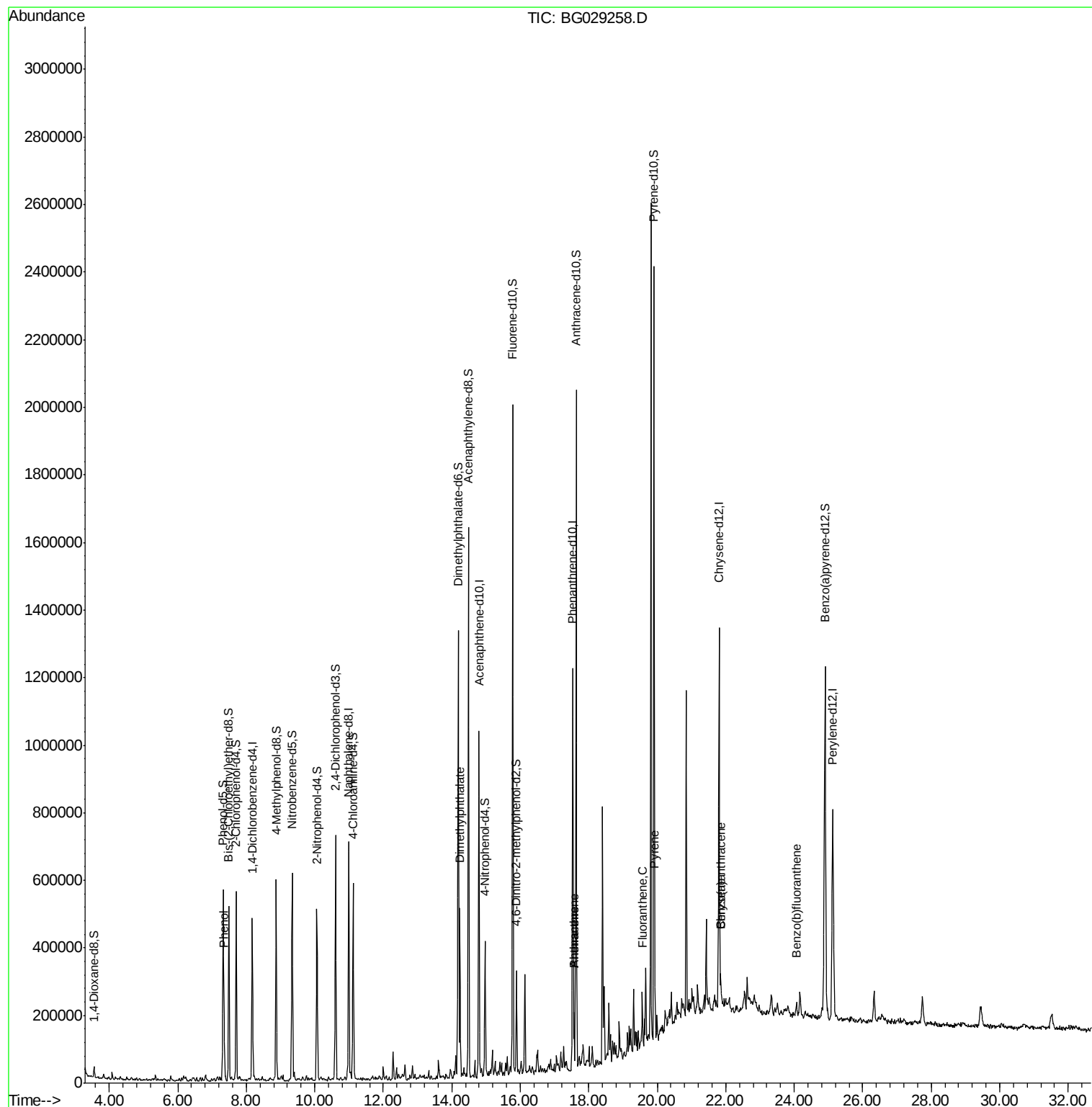
					Ovalue	
6) Phenol	7.35	94	90198	6.800	ng/ul	93
44) Dimethylphthalate	14.23	163	306540	10.877	ng/ul	98
69) Phenanthrene	17.57	178	99311	2.671	ng/ul	97
71) Anthracene	17.57	178	99311	2.589	ng/ul	98
74) Fluoranthene	19.57	202	63061	1.518	ng/ul#	91
77) Pyrene	19.93	202	74316	1.809	ng/ul#	87
80) Benzo(a)anthracene	21.85	228	83576	2.176	ng/ul	95
82) Chrysene	21.85	228	85931	2.462	ng/ul#	95
85) Benzo(b)fluoranthene	24.06	252	43235	1.196	ng/ul#	86

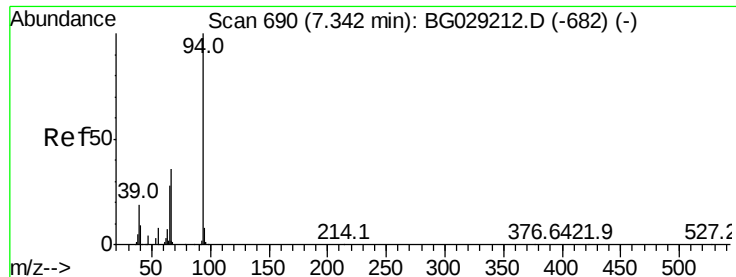
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 6.800 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG029258.D

Acq: 15 Oct 2017 14:12

Instrument :

BNA_G

ClientSampleId :

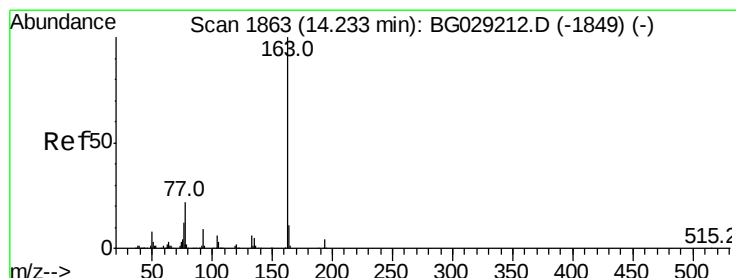
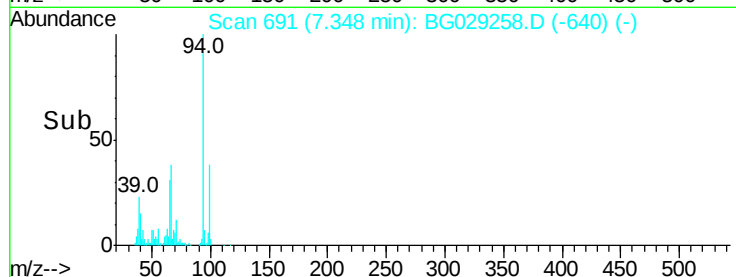
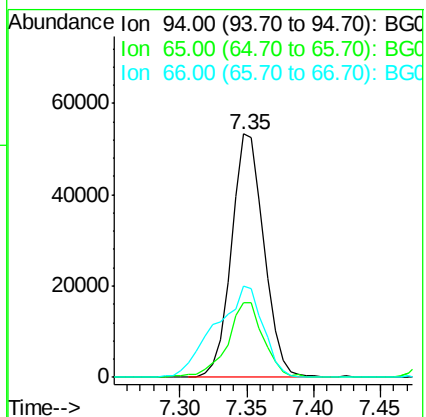
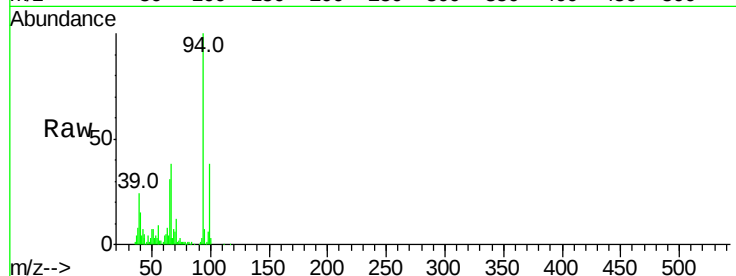
Tot Ion: 94 Resp: 90198

Ion Ratio Lower Upper

94 100

65 30.7 27.1 40.7

66 37.5 34.6 52.0



#44

Dimethylphthalate

Concen: 10.877 ng/ul

RT: 14.23 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BG029258.D

Acq: 15 Oct 2017 14:12

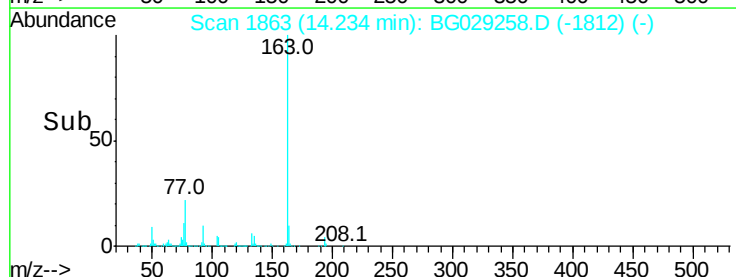
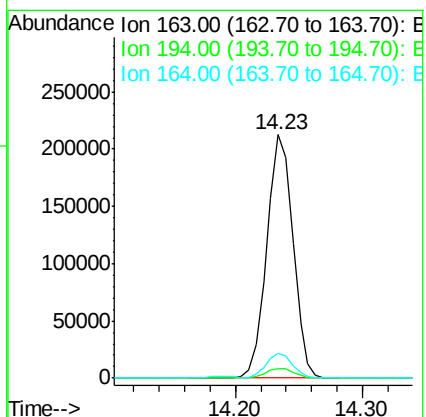
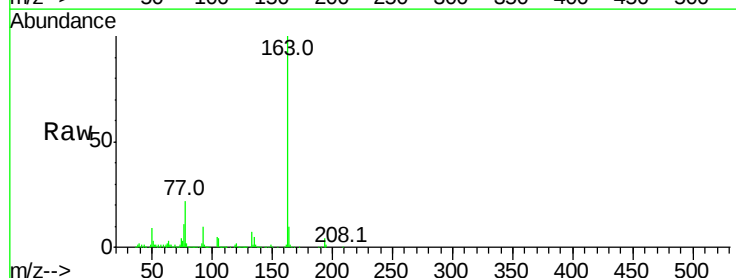
Tgt Ion:163 Resp: 306540

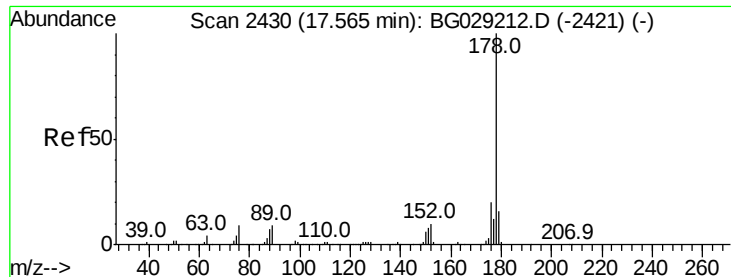
Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

164 10.3 7.6 11.4





#69

Phenanthrene

Concen: 2.671 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG029258.D

Acq: 15 Oct 2017 14:12

Instrument :

BNA_G

ClientSampleId :

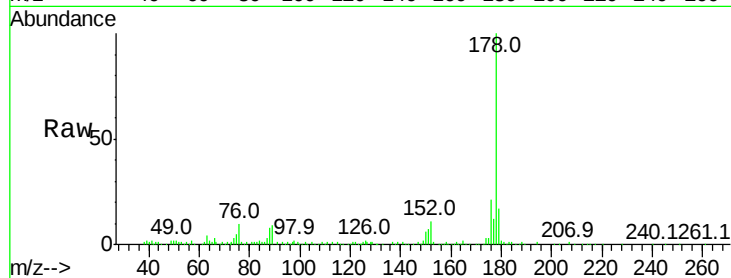
Tot Ion:178 Resp: 99311

Ion Ratio Lower Upper

178 100

179 17.5 13.0 19.6

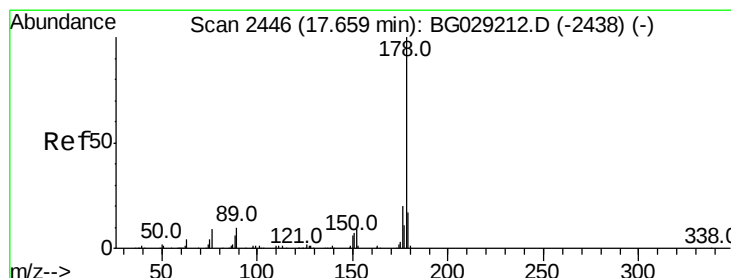
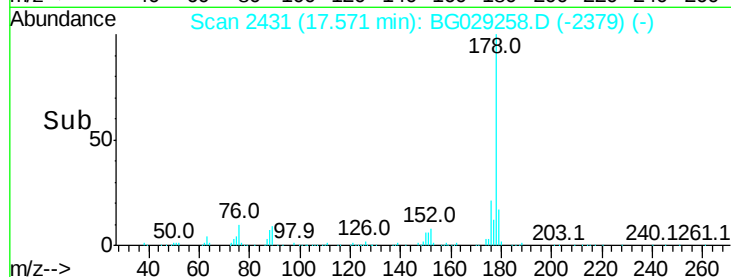
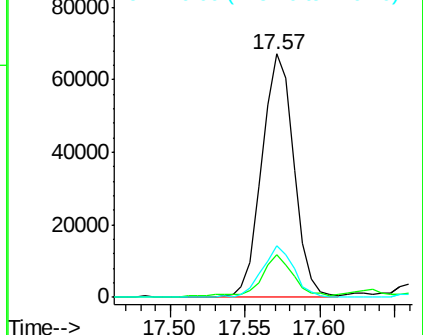
176 21.0 15.3 22.9



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: 2.589 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. -0.09 min

Lab File: BG029258.D

Acq: 15 Oct 2017 14:12

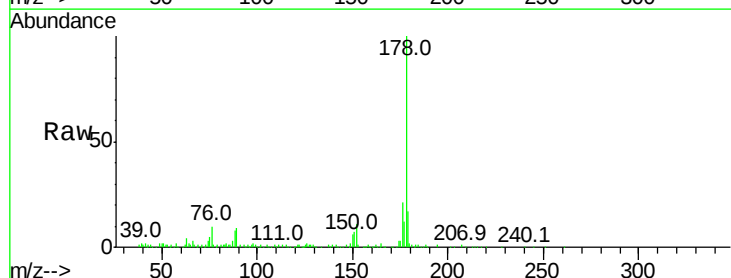
Tgt Ion:178 Resp: 99311

Ion Ratio Lower Upper

178 100

179 17.5 13.2 19.8

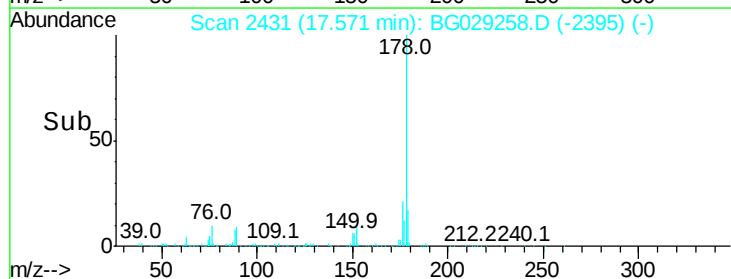
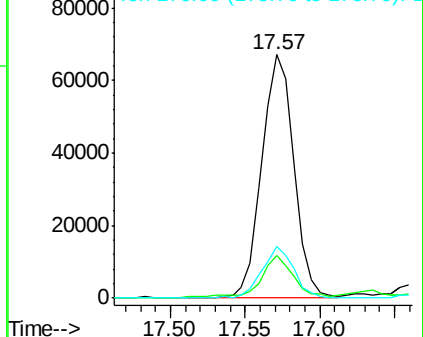
176 21.0 16.0 24.0

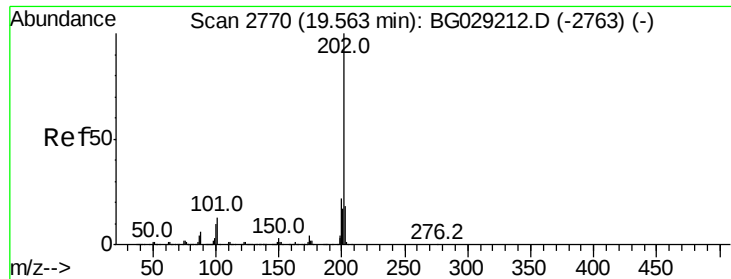


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.518 ng/ul

RT: 19.57 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BG029258.D

Acq: 15 Oct 2017 14:12

Instrument :

BNA_G

ClientSampleId :

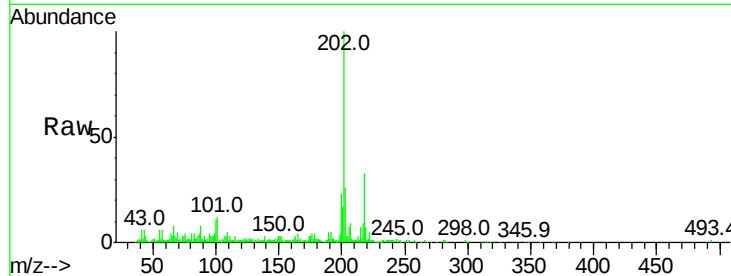
Tot Ion:202 Resp: 63061

Ion Ratio Lower Upper

202 100

101 11.5 7.4 11.2#

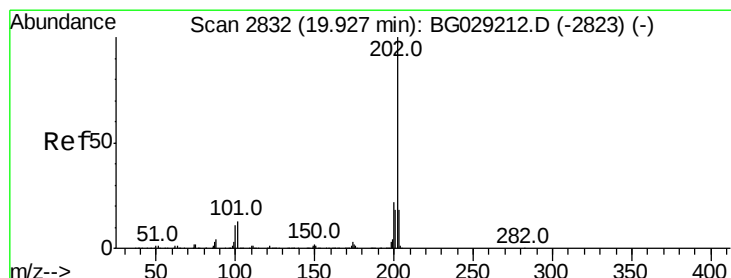
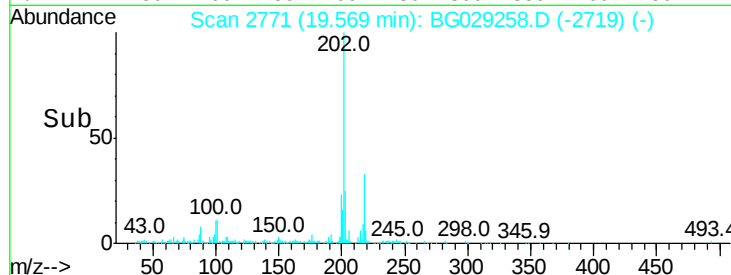
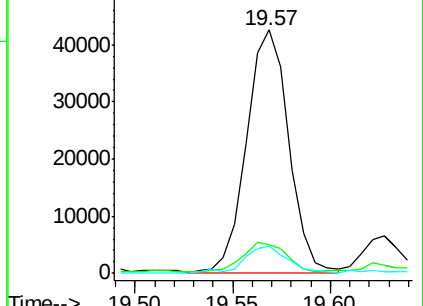
100 11.2 5.6 8.4#



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: 1.809 ng/ul

RT: 19.93 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG029258.D

Acq: 15 Oct 2017 14:12

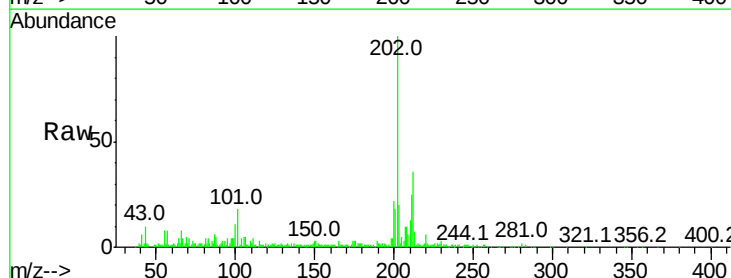
Tgt Ion:202 Resp: 74316

Ion Ratio Lower Upper

202 100

101 17.7 8.4 12.6#

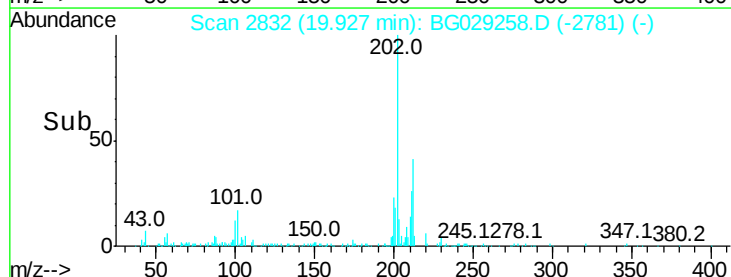
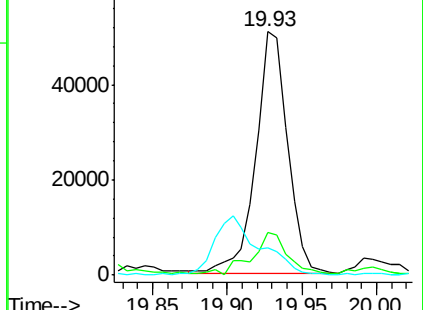
100 11.0 7.0 10.6#

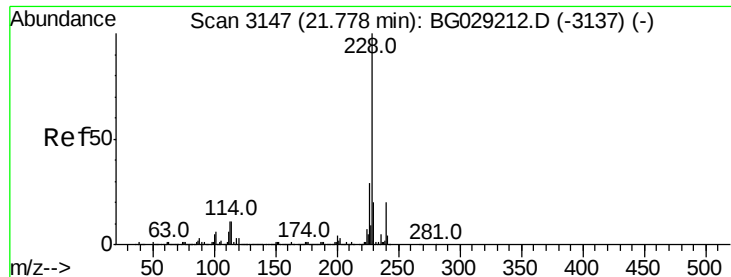


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.176 ng/ul

RT: 21.85 min Scan# 3159

Delta R.T. 0.07 min

Lab File: BG029258.D

Acq: 15 Oct 2017 14:12

Instrument :

BNA_G

ClientSampleId :

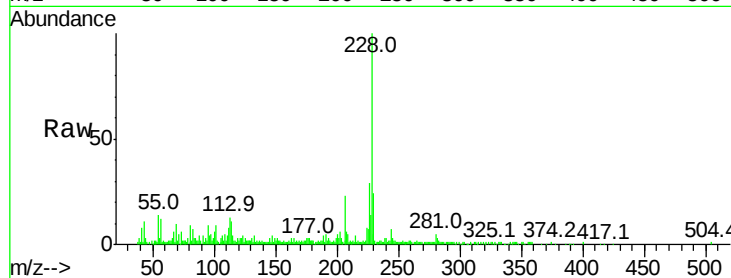
Tot Ion:228 Resp: 83576

Ion Ratio Lower Upper

228 100

229 24.1 16.2 24.4

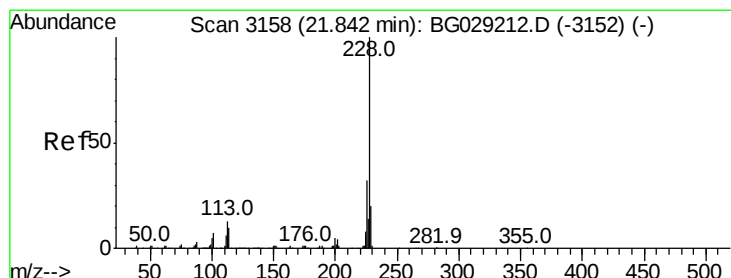
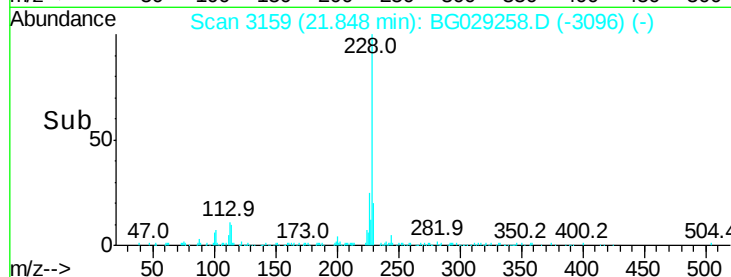
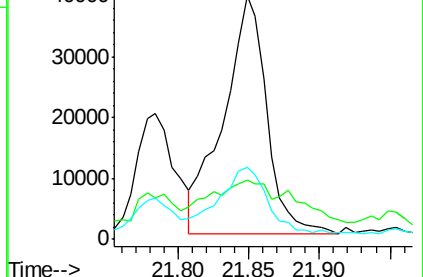
226 29.4 22.2 33.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82

Chrysene

Concen: 2.462 ng/ul

RT: 21.85 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG029258.D

Acq: 15 Oct 2017 14:12

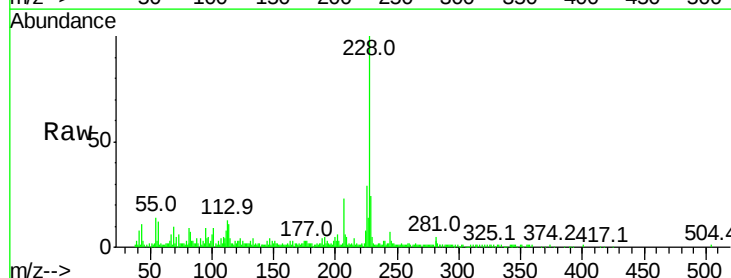
Tgt Ion:228 Resp: 85931

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.2

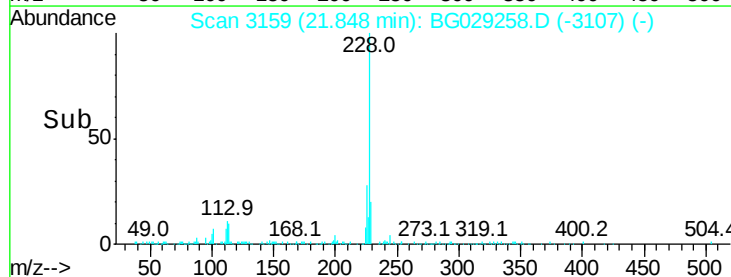
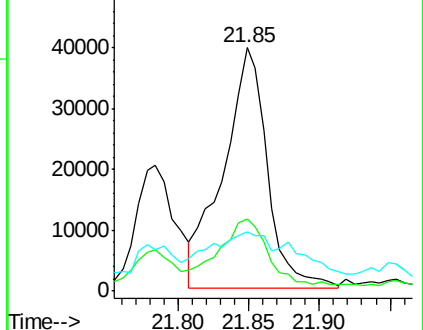
229 24.1 15.2 22.8#

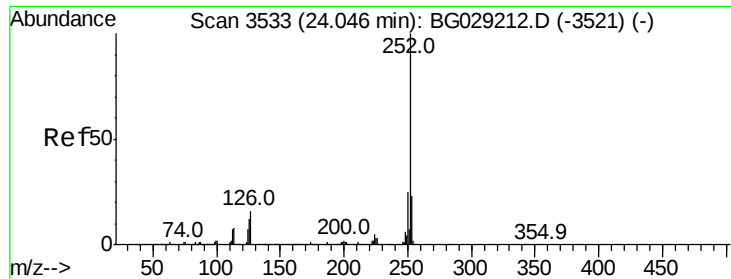


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.196 ng/ul

RT: 24.06 min Scan# 3536

Delta R.T. 0.00 min

Lab File: BG029258.D

Acq: 15 Oct 2017 14:12

Instrument :

BNA_G

ClientSampleId :

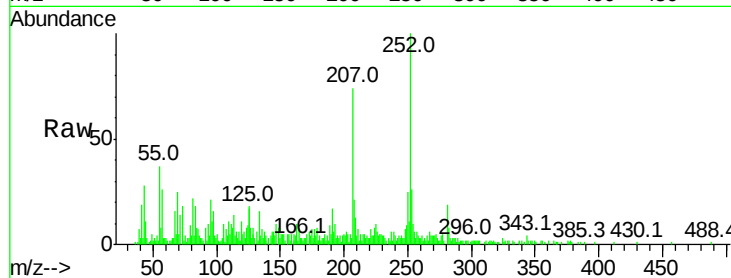
Tot Ion:252 Resp: 43235

Ion Ratio Lower Upper

252 100

253 25.8 17.0 25.4#

125 17.8 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

