

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029255.D
 Acq On : 15 Oct 2017 12:12
 Operator : SJ/JU
 Sample : I5593-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 08:38:30 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	133175	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	596070	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	341646	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	701632	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	620117	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	612000	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	23376	7.13	ng/uL	0.00
5) Phenol-d5	7.32	99	512607	40.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	322397	40.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	376941	41.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	413120	40.02	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	198984	46.50	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	216764	49.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	398725	39.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	521448	44.92	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	1174122	40.20	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1479929	41.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	208562	38.68	ng/ul	0.00
57) Fluorene-d10	15.78	176	997371	41.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	117669	34.36	ng/ul	0.00
70) Anthracene-d10	17.63	188	1417220	42.71	ng/ul	0.00
76) Pyrene-d10	19.90	212	1416559	44.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	1296979	44.74	ng/ul	0.02

Target Compounds

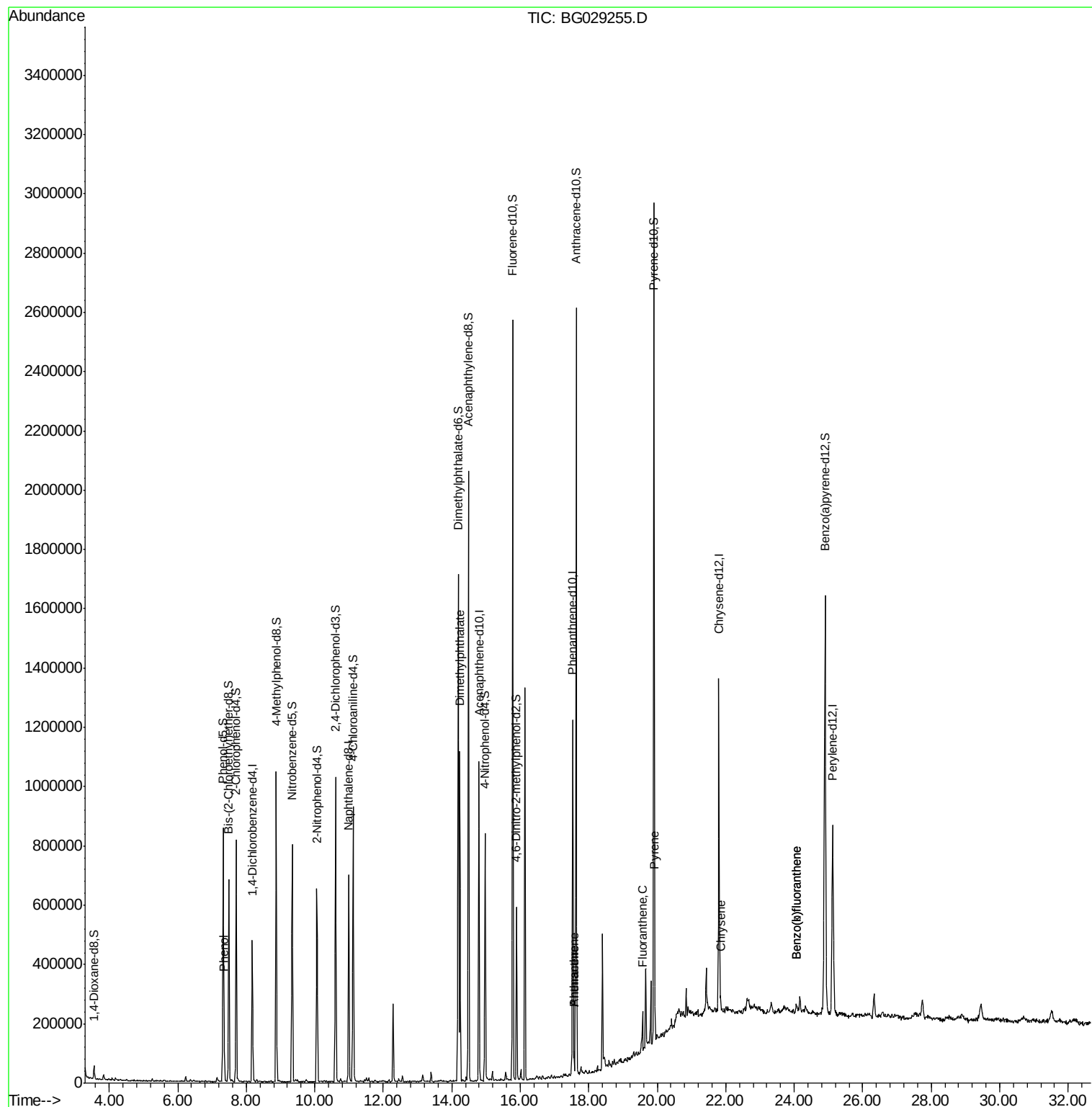
					Ovalue	
6) Phenol	7.35	94	74906	5.664	ng/ul#	87
44) Dimethylphthalate	14.23	163	693252	24.334	ng/ul	98
69) Phenanthrene	17.57	178	48093	1.268	ng/ul	99
71) Anthracene	17.57	178	48093	1.229	ng/ul	98
74) Fluoranthene	19.57	202	77478	1.828	ng/ul#	95
77) Pyrene	19.93	202	66267	1.594	ng/ul#	87
82) Chrysene	21.85	228	35988	1.019	ng/ul#	93
85) Benzo(b)fluoranthene	24.06	252	42099	1.146	ng/ul#	86
86) Benzo(k)fluoranthene	24.06	252	42099	1.185	ng/ul#	87

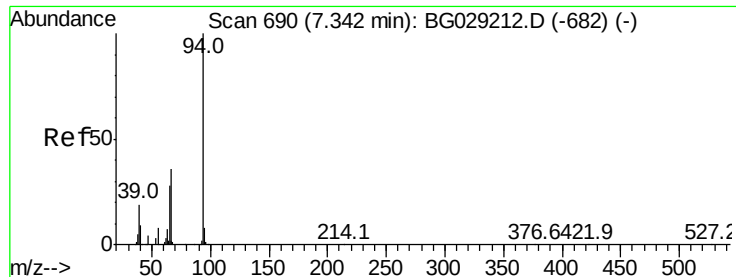
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.664 ng/ul

RT: 7.35 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG029255.D

Acq: 15 Oct 2017 12:12

Instrument :

BNA_G

ClientSampleId :

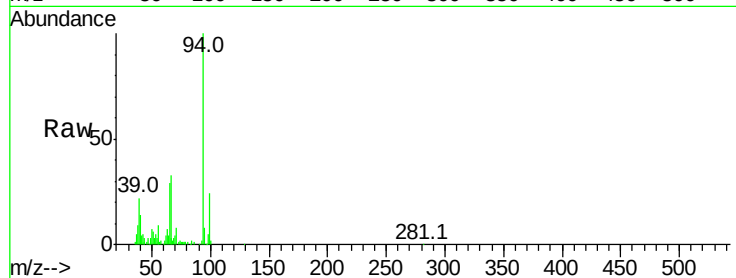
Tot Ion: 94 Resp: 74906

Ion Ratio Lower Upper

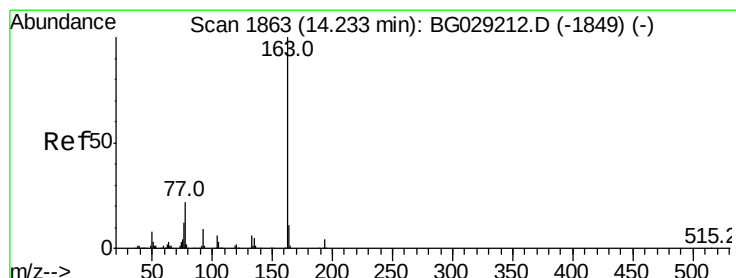
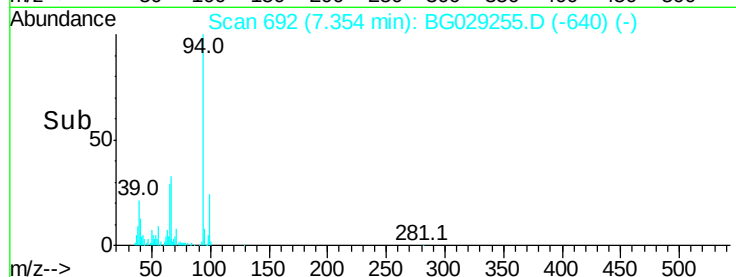
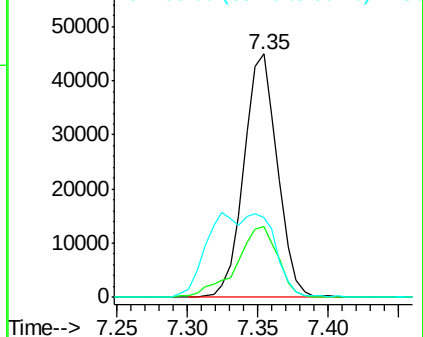
94 100

65 29.2 27.1 40.7

66 32.9 34.6 52.0#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 24.334 ng/ul

RT: 14.23 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BG029255.D

Acq: 15 Oct 2017 12:12

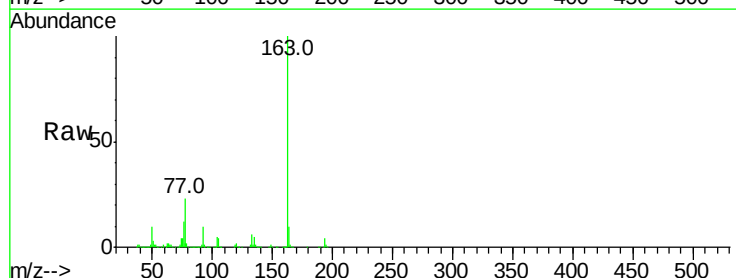
Tgt Ion:163 Resp: 693252

Ion Ratio Lower Upper

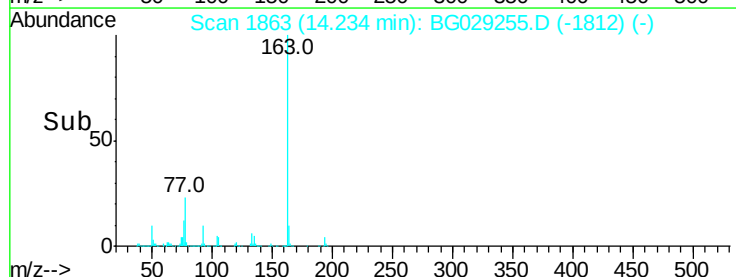
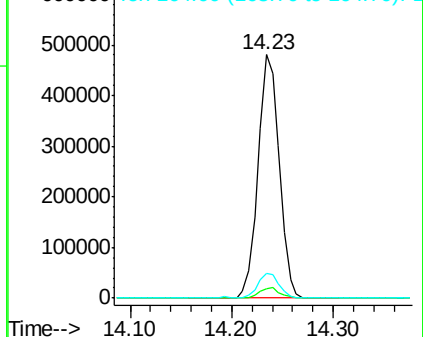
163 100

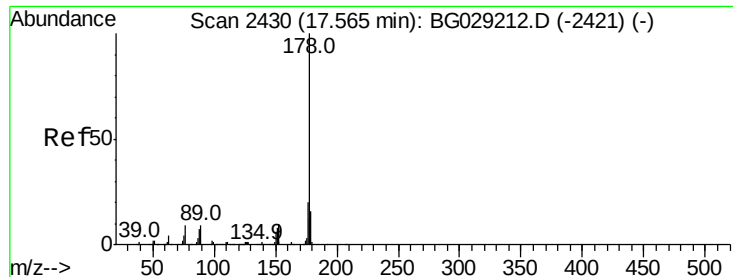
194 4.0 3.5 5.3

164 10.4 7.6 11.4



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: 1.268 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG029255.D

Acq: 15 Oct 2017 12:12

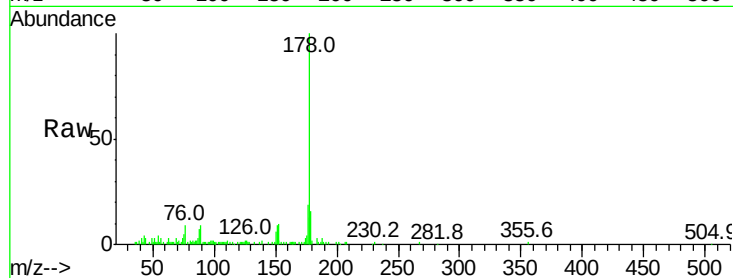
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 48093

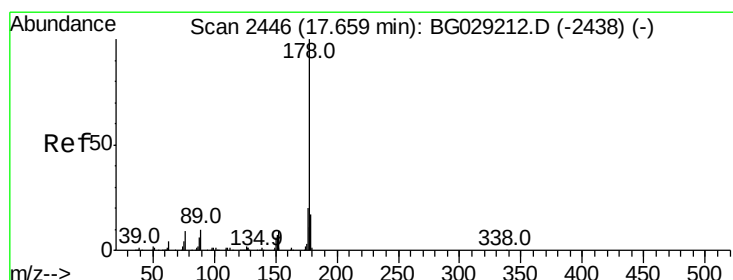
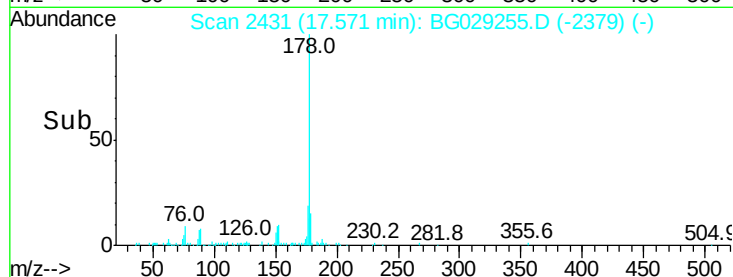
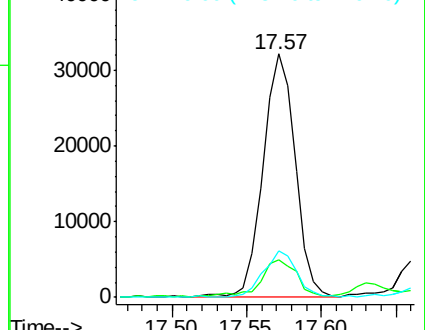
Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.0	19.6
176	18.9	15.3	22.9



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: 1.229 ng/ul

RT: 17.57 min Scan# 2431

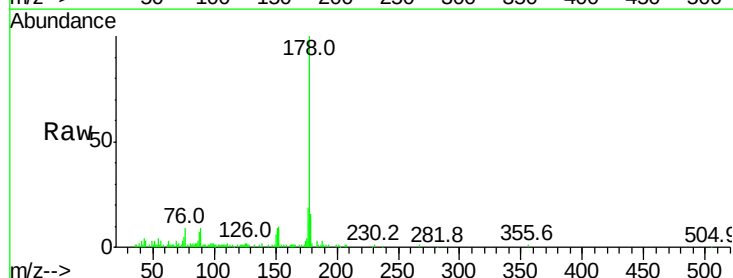
Delta R.T. -0.09 min

Lab File: BG029255.D

Acq: 15 Oct 2017 12:12

Tgt Ion:178 Resp: 48093

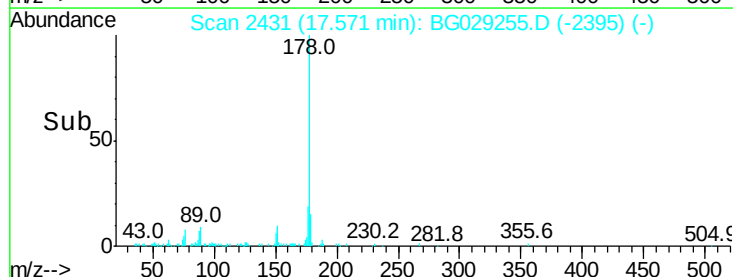
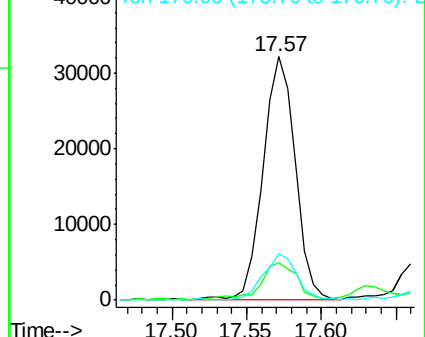
Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.2	19.8
176	18.9	16.0	24.0

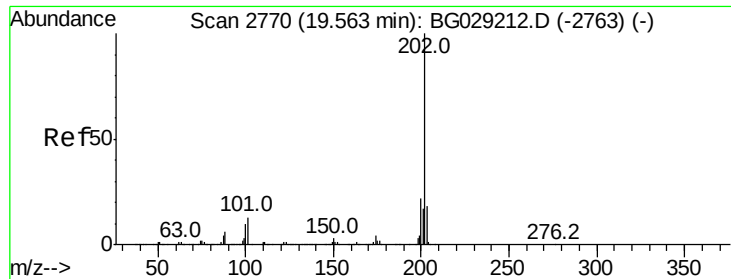


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.828 ng/ul

RT: 19.57 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BG029255.D

Acq: 15 Oct 2017 12:12

Instrument :

BNA_G

ClientSampleId :

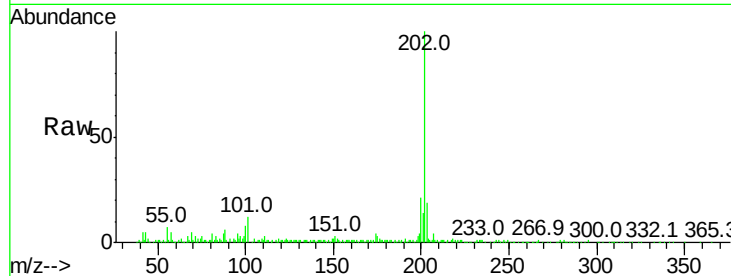
Tot Ion:202 Resp: 77478

Ion Ratio Lower Upper

202 100

101 11.7 7.4 11.2#

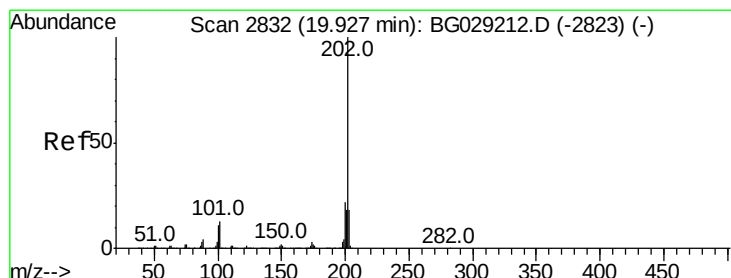
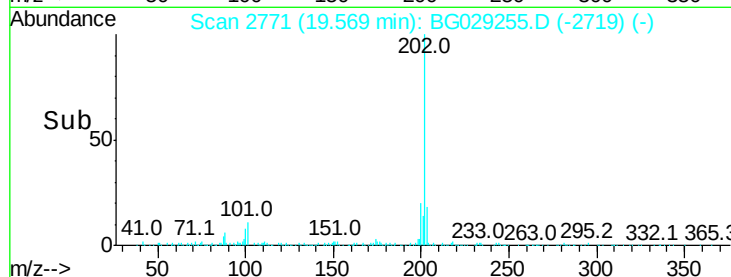
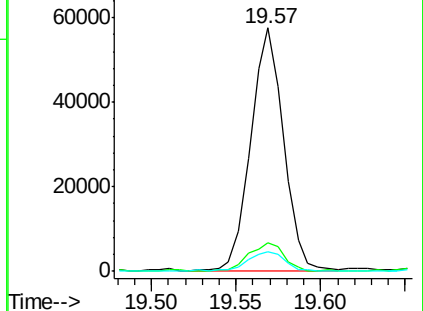
100 8.3 5.6 8.4



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: 1.594 ng/ul

RT: 19.93 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG029255.D

Acq: 15 Oct 2017 12:12

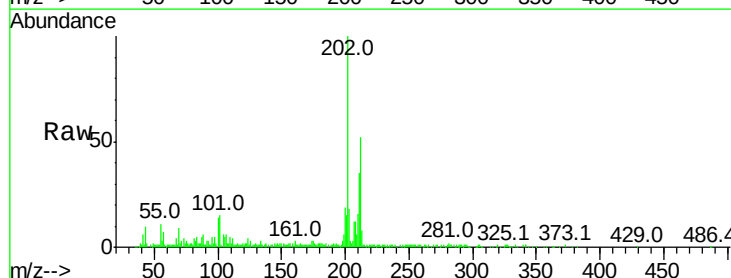
Tgt Ion:202 Resp: 66267

Ion Ratio Lower Upper

202 100

101 15.1 8.4 12.6#

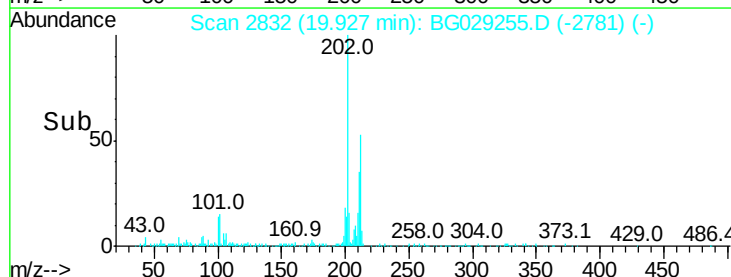
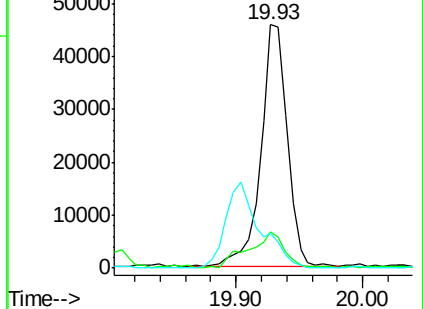
100 14.1 7.0 10.6#

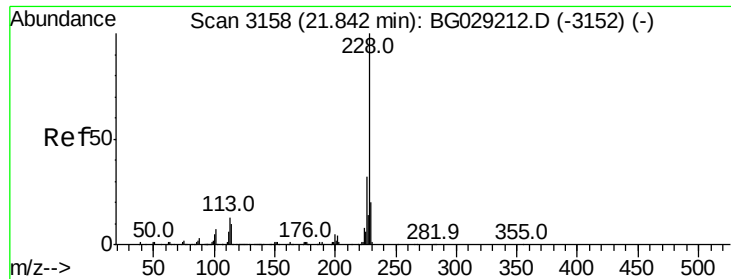


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 1.019 ng/ul

RT: 21.85 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG029255.D

Acq: 15 Oct 2017 12:12

Instrument :

BNA_G

ClientSampled :

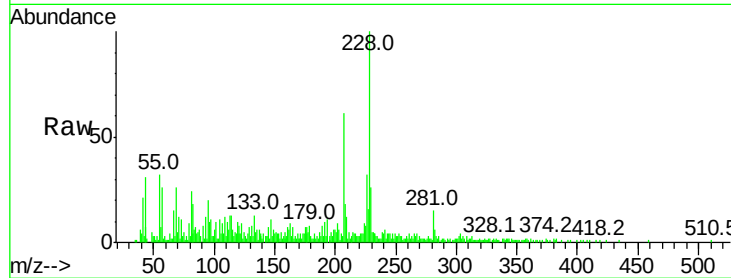
Tot Ion:228 Resp: 35988

Ion Ratio Lower Upper

228 100

226 31.6 24.2 36.2

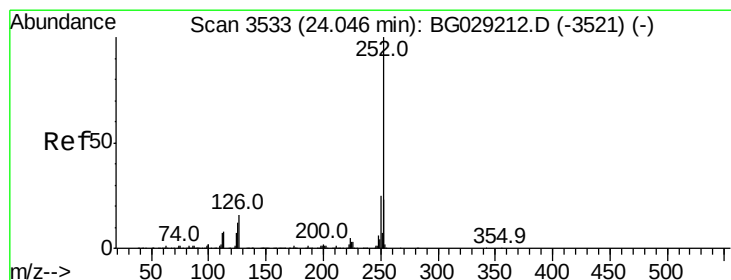
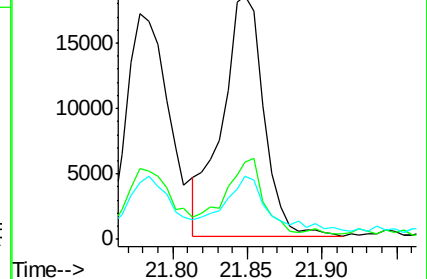
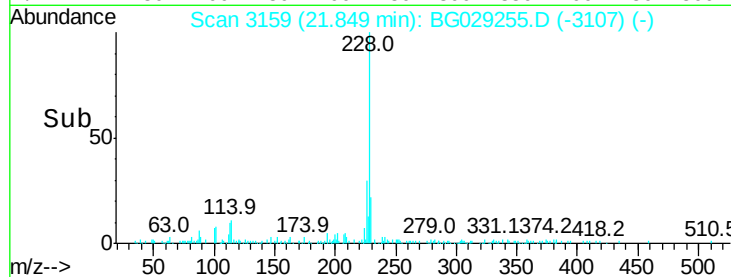
229 25.8 15.2 22.8#



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: 1.146 ng/ul

RT: 24.06 min Scan# 3536

Delta R.T. 0.00 min

Lab File: BG029255.D

Acq: 15 Oct 2017 12:12

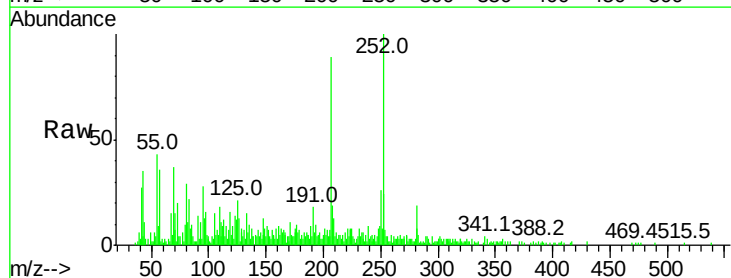
Tgt Ion:252 Resp: 42099

Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.4

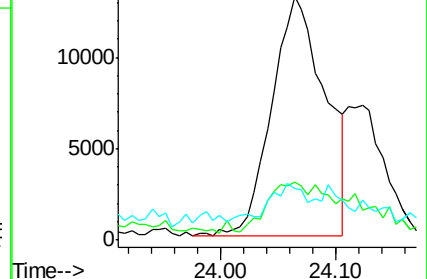
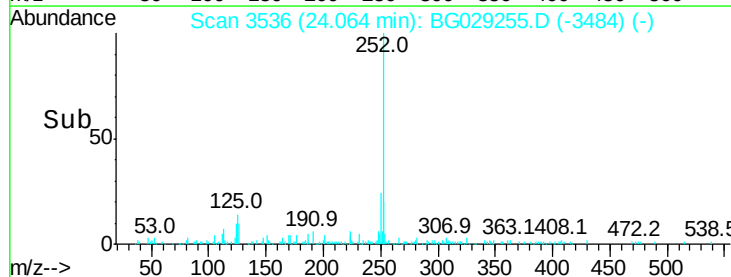
125 21.4 7.5 11.3#

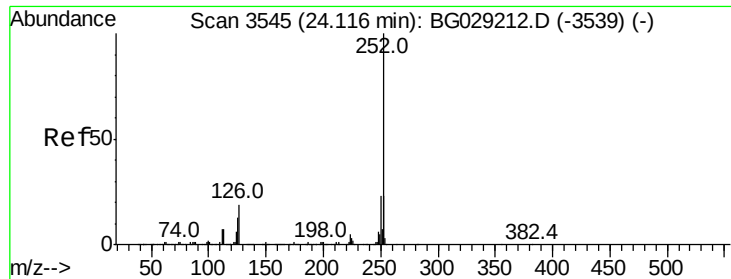


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.185 ng/ul

RT: 24.06 min Scan# 3536

Delta R.T. -0.06 min

Lab File: BG029255.D

Acq: 15 Oct 2017 12:12

Instrument :

BNA_G

ClientSampleId :

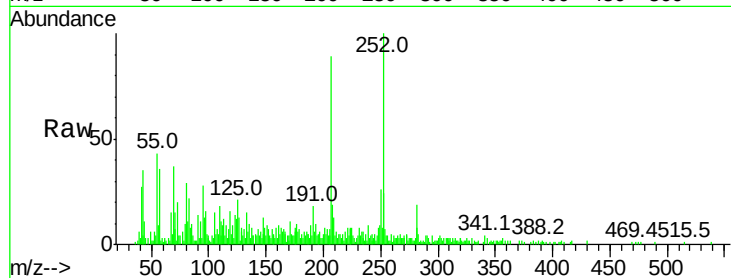
Tot Ion:252 Resp: 42099

Ion Ratio Lower Upper

252 100

253 23.8 17.2 25.8

125 21.4 7.8 11.8#



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

