

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029253.D
 Acq On : 15 Oct 2017 10:53
 Operator : SJ/JU
 Sample : I5593-19
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 08:37:59 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	145834	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	632780	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	359355	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	748215	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	663707	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	655731	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	15943	4.44	ng/uL	0.00
5) Phenol-d5	7.32	99	287960	20.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	223940	25.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	240080	24.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	170621	15.09	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	136752	30.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	146586	31.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	255566	24.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	232509	18.87	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	810542	26.38	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1027024	27.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	86236	15.20	ng/ul	0.00
57) Fluorene-d10	15.78	176	697419	27.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	59865	16.39	ng/ul	0.00
70) Anthracene-d10	17.63	188	980790	27.72	ng/ul	0.00
76) Pyrene-d10	19.90	212	945534	27.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	838939	27.01	ng/ul	0.00

Target Compounds

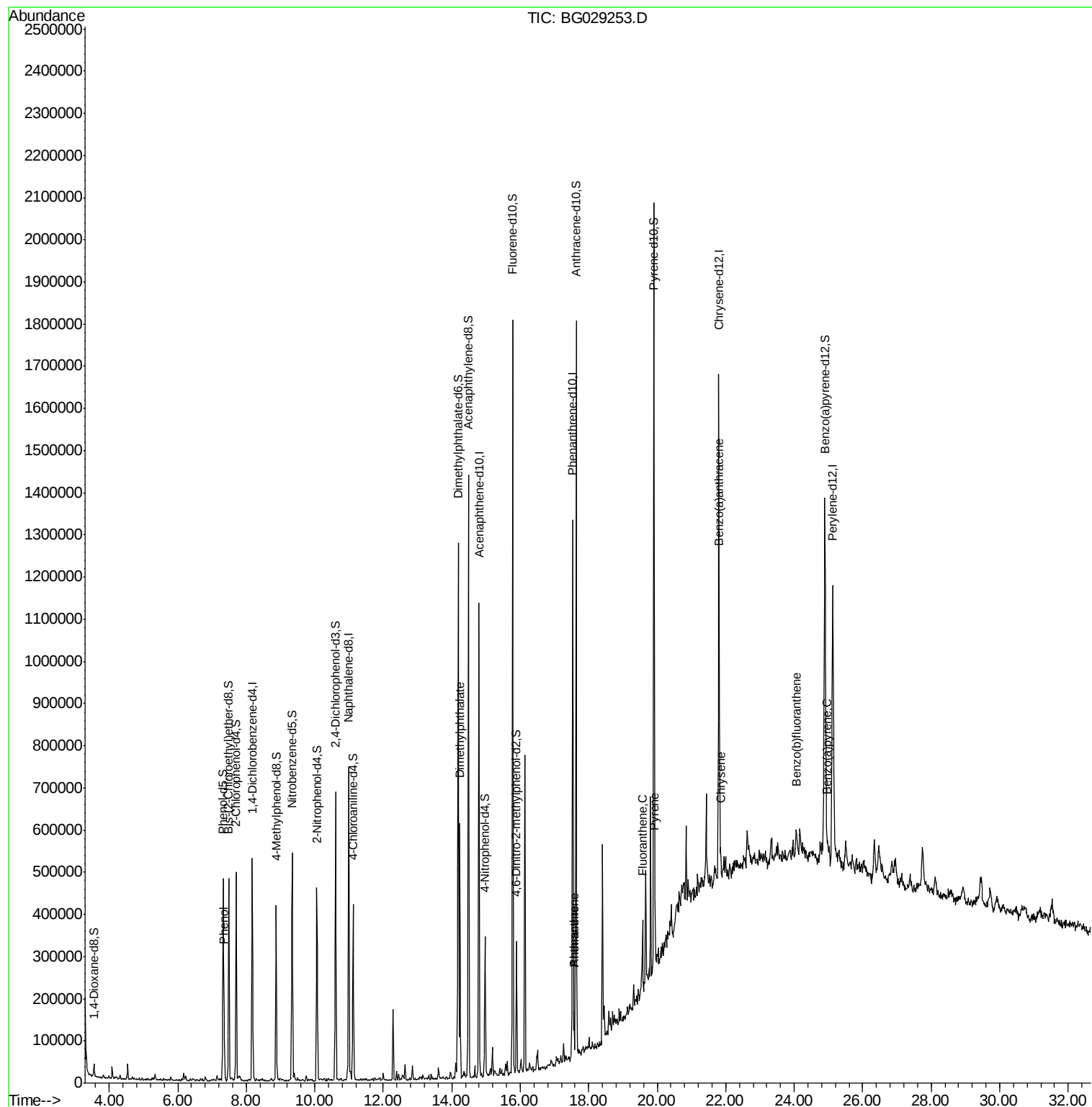
					Ovalue
6) Phenol	7.35	94	79308	5.476	ng/ul 90
44) Dimethylphthalate	14.23	163	367045	12.249	ng/ul 98
69) Phenanthrene	17.57	178	66249	1.638	ng/ul 97
71) Anthracene	17.57	178	66249	1.587	ng/ul 97
74) Fluoranthene	19.57	202	94685	2.095	ng/ul# 94
77) Pyrene	19.93	202	91460	2.056	ng/ul# 85
80) Benzo(a)anthracene	21.78	228	50595	1.216	ng/ul# 86
82) Chrysene	21.85	228	61442	1.626	ng/ul# 90
85) Benzo(b)fluoranthene	24.06	252	67208	1.707	ng/ul# 77
88) Benzo(a)pyrene	24.96	252	43750	1.142	ng/ul# 77

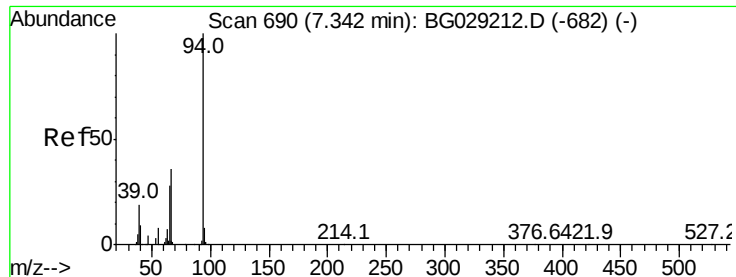
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 07:39:50 2017
Response via : Initial Calibration





#6

Phenol

Concen: 5.476 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG029253.D

Acq: 15 Oct 2017 10:53

Instrument :

BNA_G

ClientSampleId :

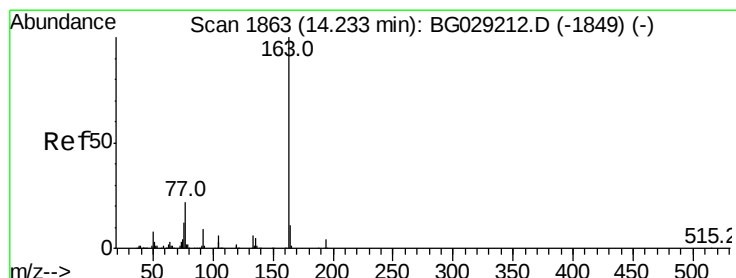
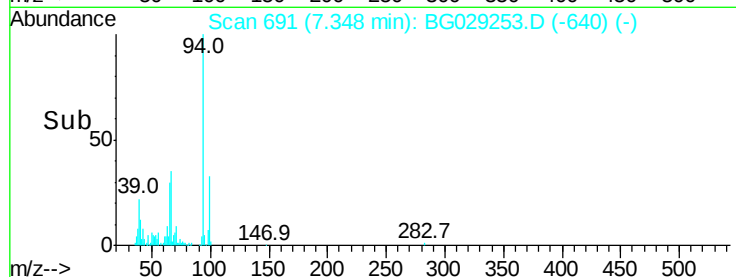
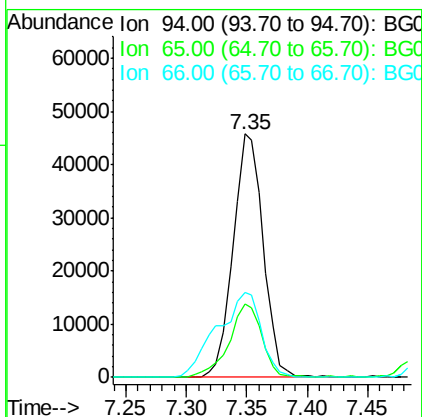
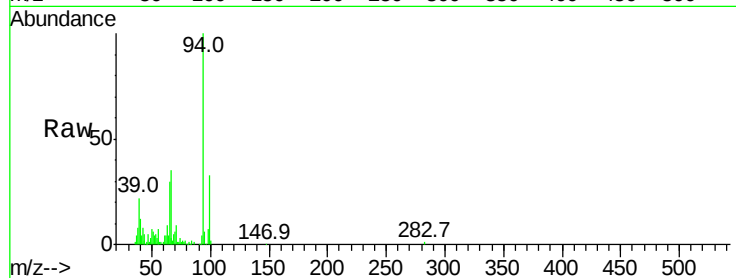
Tot Ion: 94 Resp: 79308

Ion Ratio Lower Upper

94 100

65 30.1 27.1 40.7

66 35.0 34.6 52.0



#44

Dimethylphthalate

Concen: 12.249 ng/ul

RT: 14.23 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BG029253.D

Acq: 15 Oct 2017 10:53

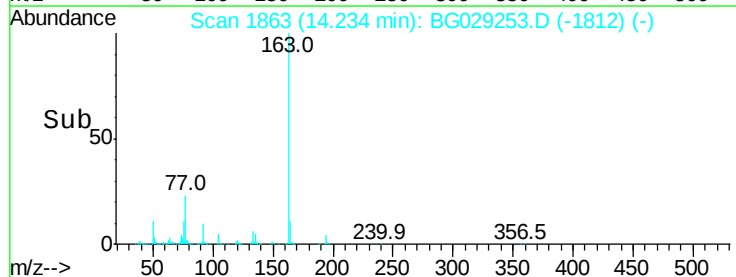
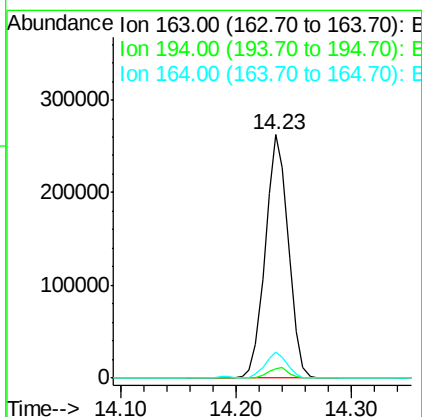
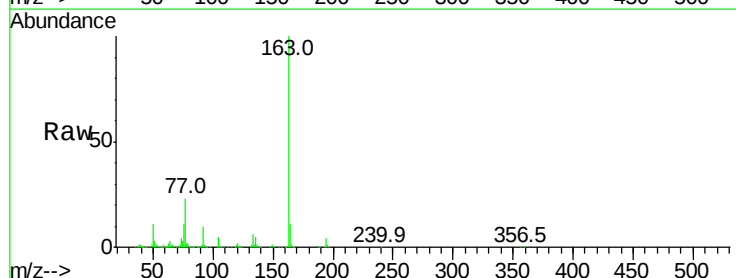
Tgt Ion: 163 Resp: 367045

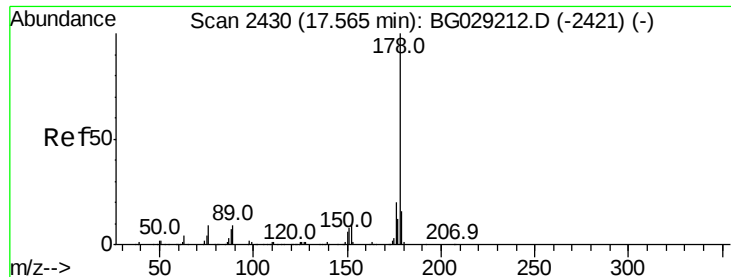
Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

164 10.5 7.6 11.4





#69

Phenanthrene

Concen: 1.638 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG029253.D

Acq: 15 Oct 2017 10:53

Instrument :

BNA_G

ClientSampleId :

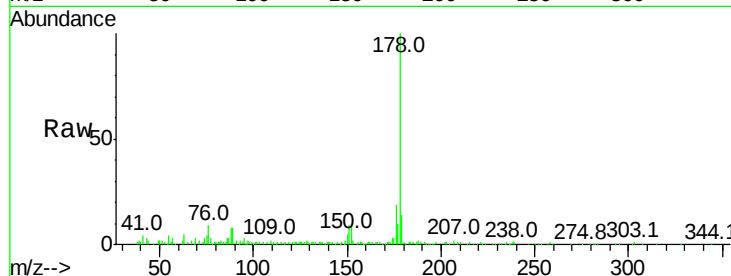
Tot Ion:178 Resp: 66249

Ion Ratio Lower Upper

178 100

179 14.3 13.0 19.6

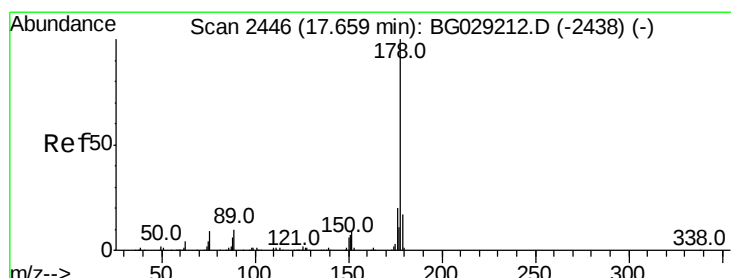
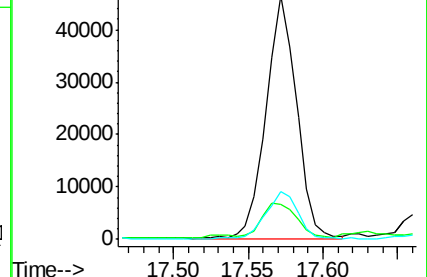
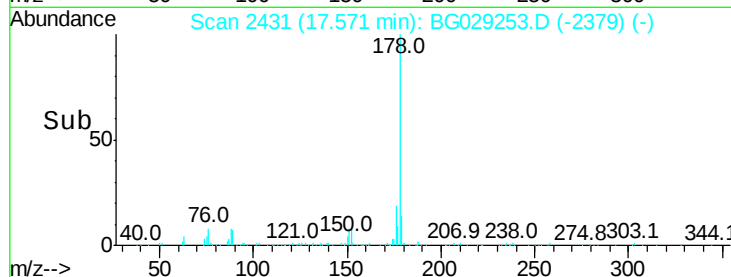
176 19.5 15.3 22.9



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: 1.587 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. -0.09 min

Lab File: BG029253.D

Acq: 15 Oct 2017 10:53

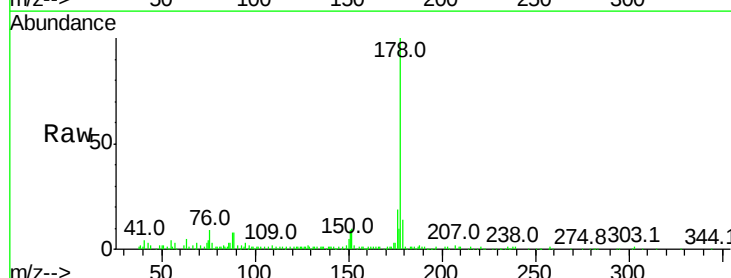
Tgt Ion:178 Resp: 66249

Ion Ratio Lower Upper

178 100

179 14.3 13.2 19.8

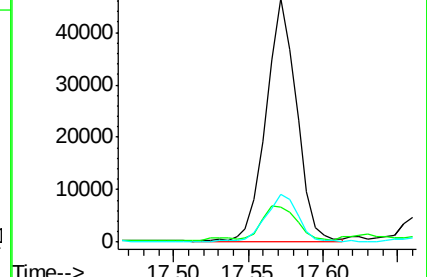
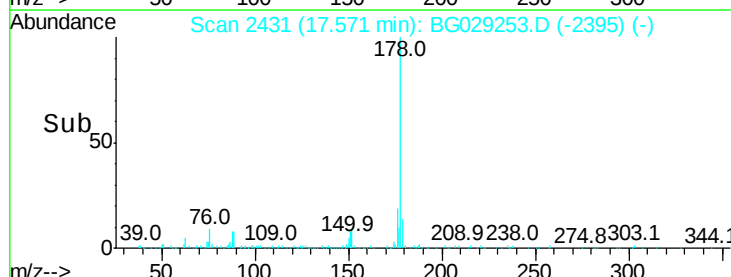
176 19.5 16.0 24.0

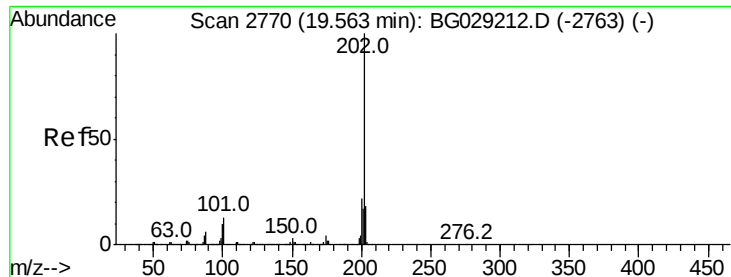


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.095 ng/ul

RT: 19.57 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BG029253.D

Acq: 15 Oct 2017 10:53

Instrument :

BNA_G

ClientSampleId :

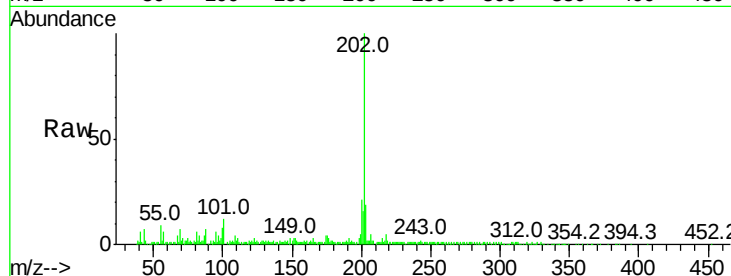
Tot Ion:202 Resp: 94685

Ion Ratio Lower Upper

202 100

101 12.2 7.4 11.2#

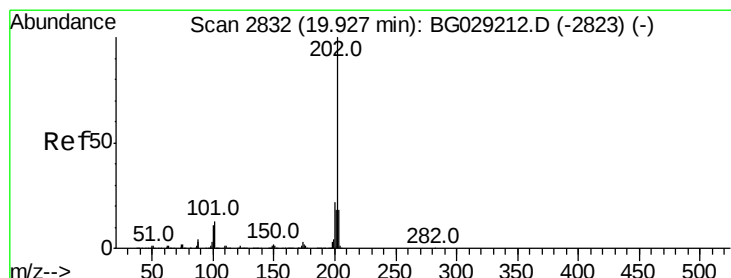
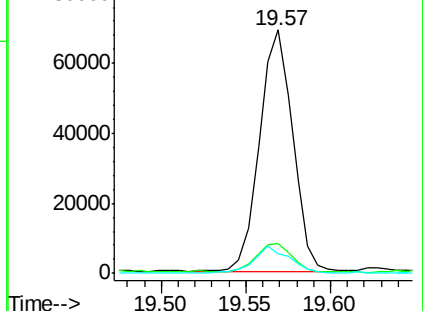
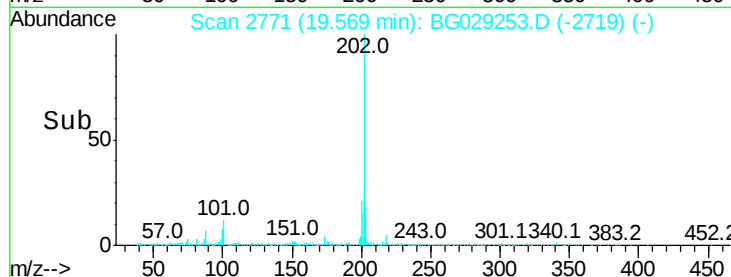
100 8.0 5.6 8.4



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: 2.056 ng/ul

RT: 19.93 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BG029253.D

Acq: 15 Oct 2017 10:53

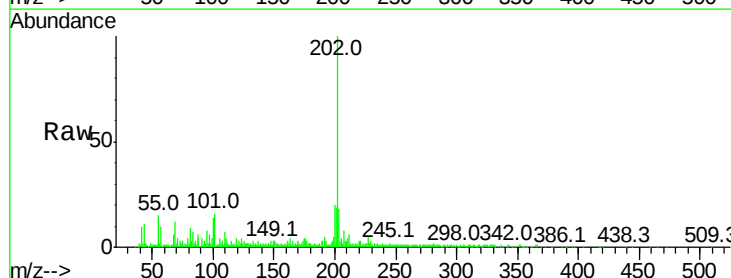
Tgt Ion:202 Resp: 91460

Ion Ratio Lower Upper

202 100

101 16.1 8.4 12.6#

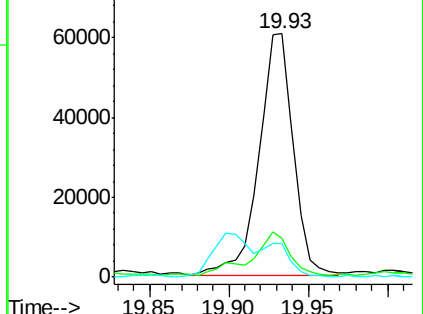
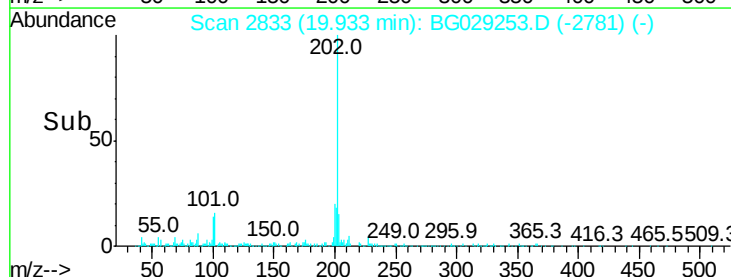
100 14.1 7.0 10.6#

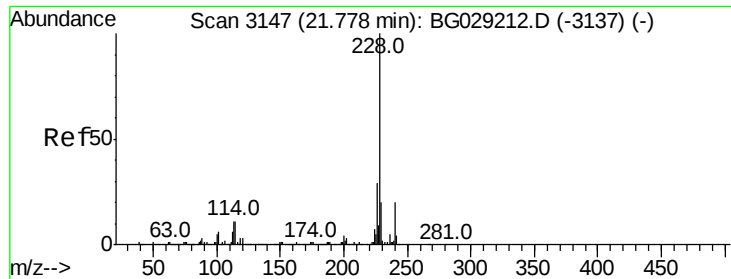


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.216 ng/ul

RT: 21.78 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG029253.D

Acq: 15 Oct 2017 10:53

Instrument :

BNA_G

ClientSampleId :

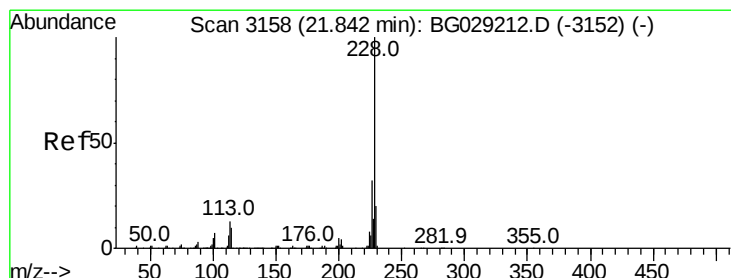
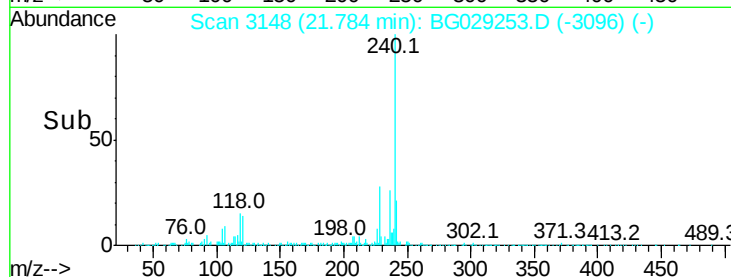
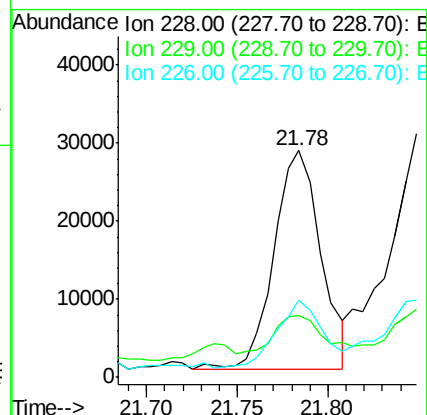
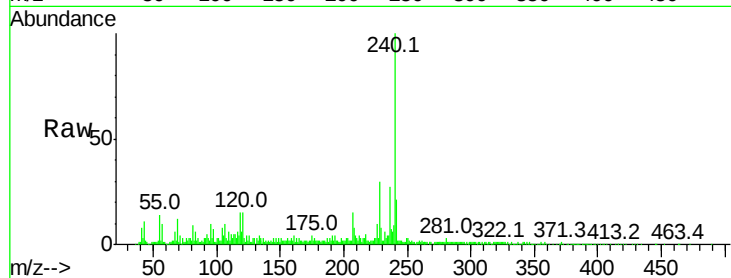
Tot Ion:228 Resp: 50595

Ion Ratio Lower Upper

228 100

229 27.2 16.2 24.4#

226 34.2 22.2 33.2#



#82

Chrysene

Concen: 1.626 ng/ul

RT: 21.85 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG029253.D

Acq: 15 Oct 2017 10:53

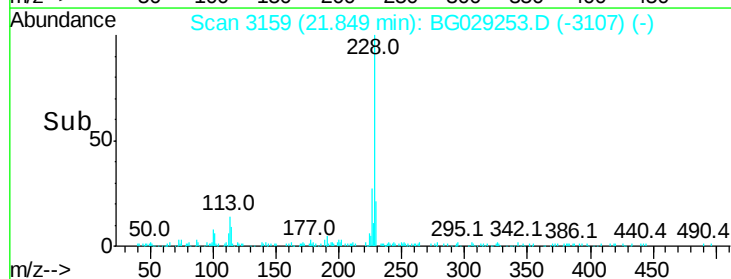
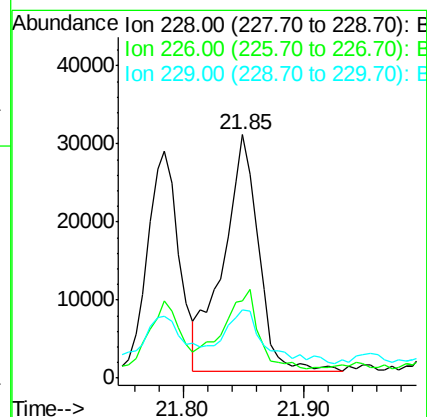
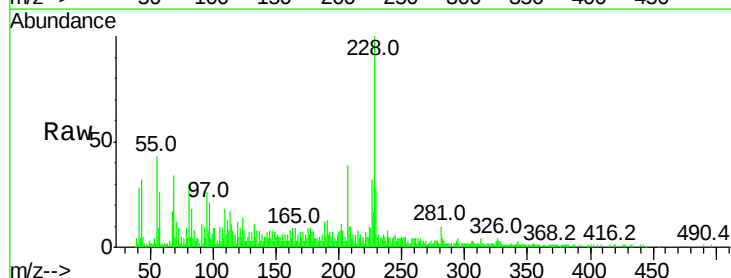
Tgt Ion:228 Resp: 61442

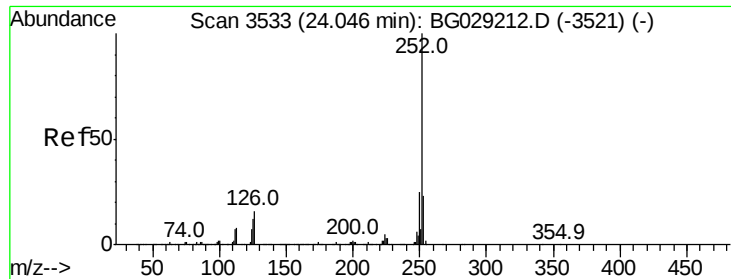
Ion Ratio Lower Upper

228 100

226 31.9 24.2 36.2

229 27.8 15.2 22.8#

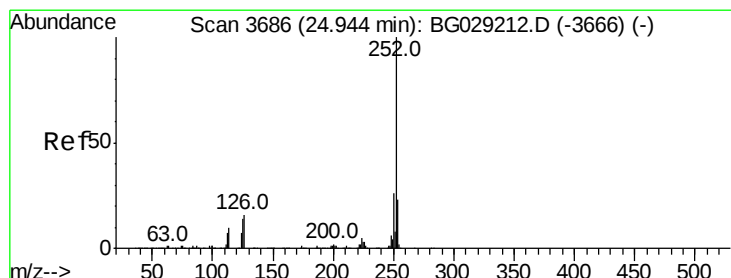
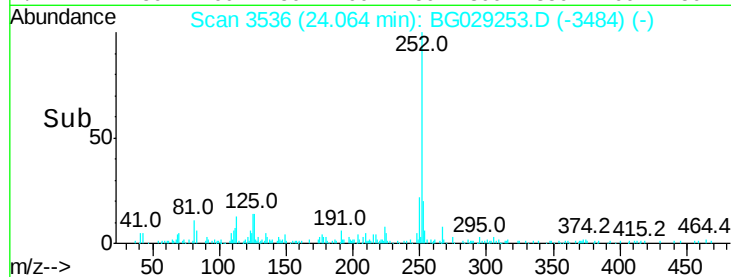
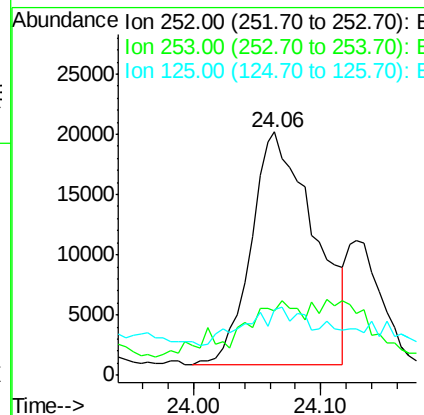
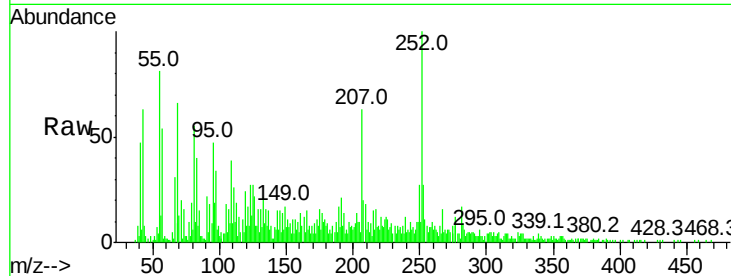




#85
Benzo(b)fluoranthene
Concen: 1.707 ng/ul
RT: 24.06 min Scan# 3536
Delta R.T. 0.00 min
Lab File: BG029253.D
Acq: 15 Oct 2017 10:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 67208
Ion Ratio Lower Upper
252 100
253 26.6 17.0 25.4#
125 27.1 7.5 11.3#



#88
Benzo(a)pyrene
Concen: 1.142 ng/ul
RT: 24.96 min Scan# 3689
Delta R.T. 0.01 min
Lab File: BG029253.D
Acq: 15 Oct 2017 10:53

Tgt Ion:252 Resp: 43750
Ion Ratio Lower Upper
252 100
253 28.7 17.1 25.7#
125 23.8 7.8 11.8#

