

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 :
 B0C85

Quant Time: Oct 16 17:52:45 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

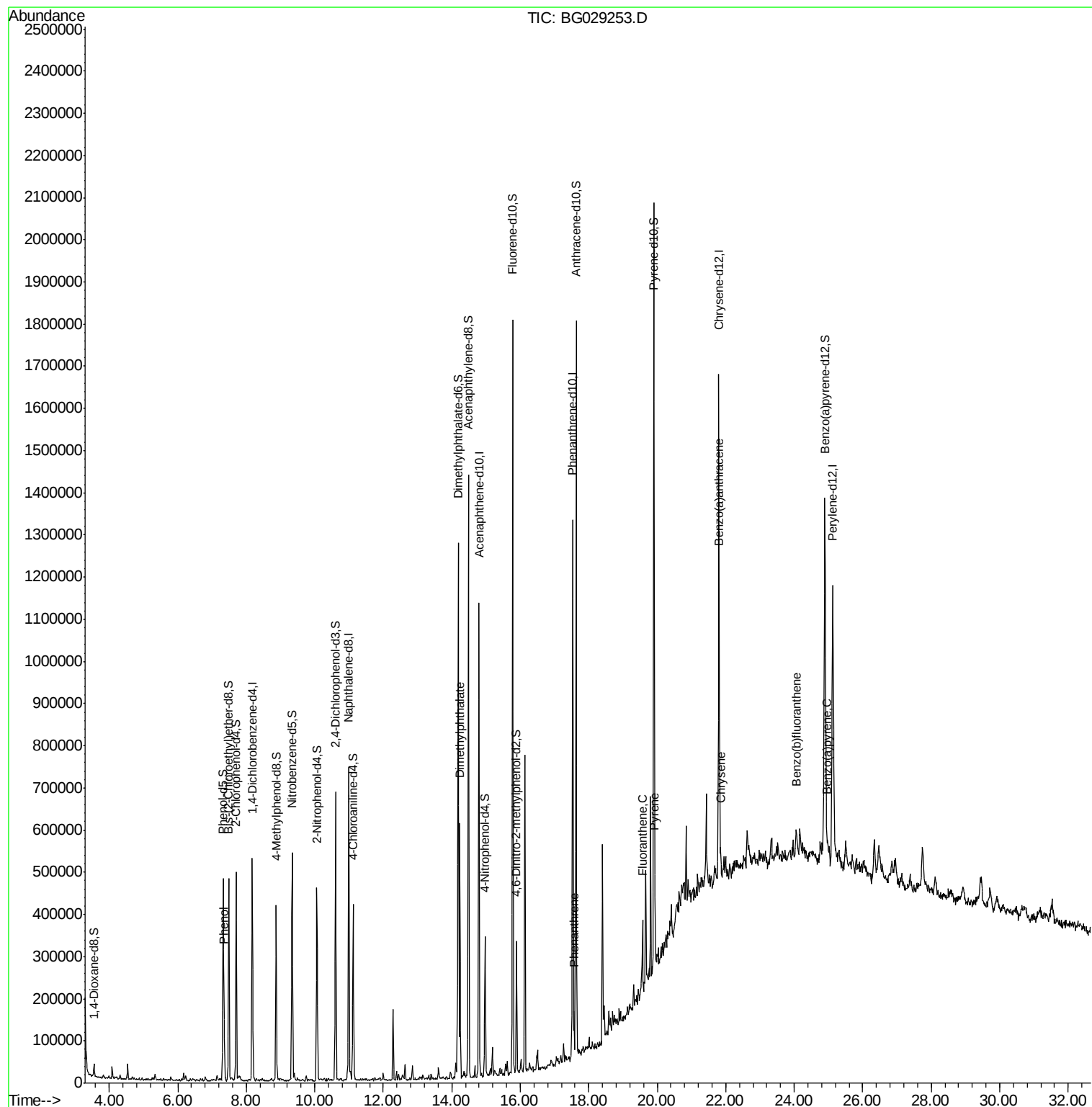
					Ovalue	
6) Phenol	7.35	94	79308	5.476	ng/ul	90
44) Dimethylphthalate	14.23	163	367045	12.249	ng/ul	98
69) Phenanthrene	17.57	178	66249	1.638	ng/ul	97
74) Fluoranthene	19.57	202	94685	2.095	ng/ul#	94
77) Pyrene	19.93	202	91460	2.056	ng/ul#	85
80) Benzo(a)anthracene	21.78	228	50595	1.216	ng/ul#	86
82) 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

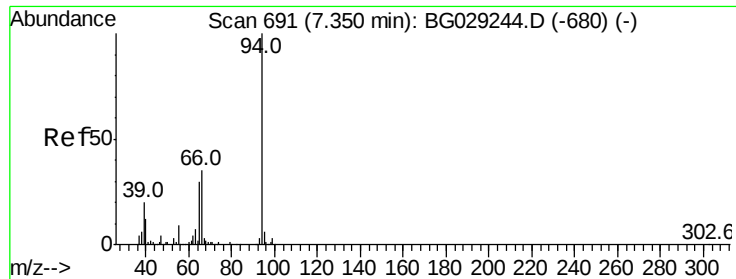
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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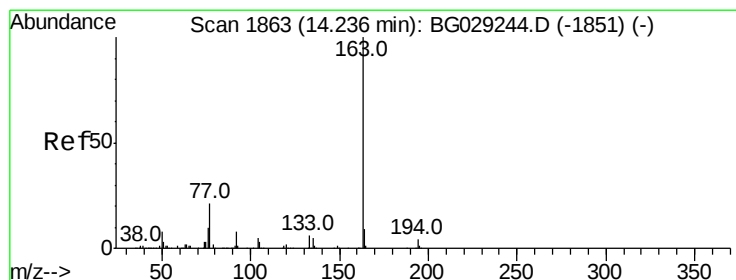
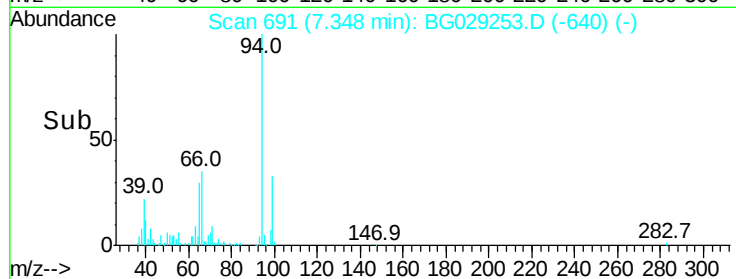
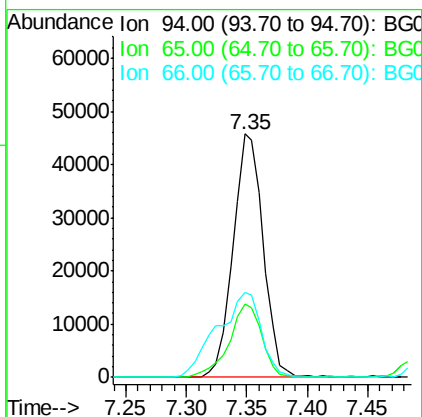
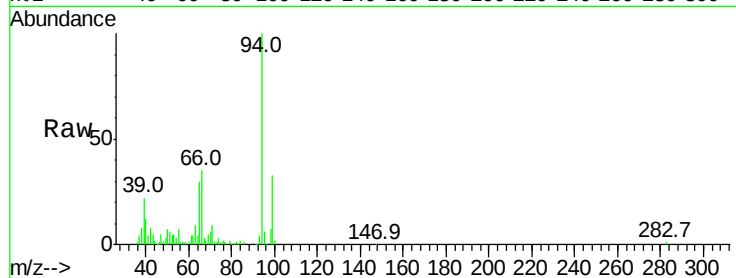
#6

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 :
 B0C85

Tot Ion	Ratio	Lower	Upper
94	100		
65	30.1	27.1	40.7
66	35.0	34.6	52.0

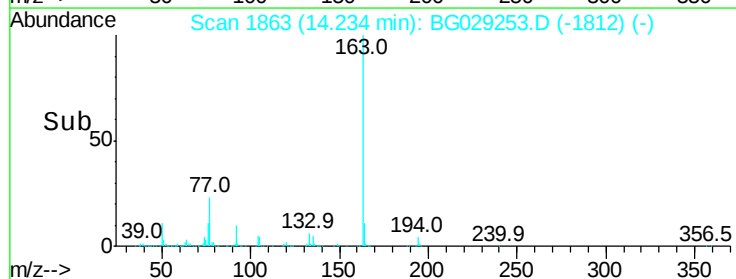
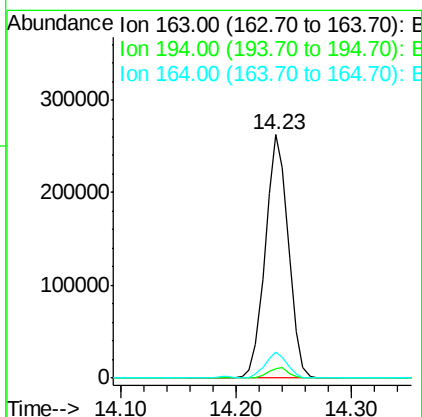
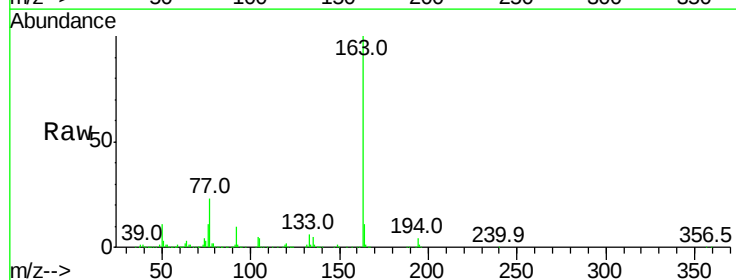


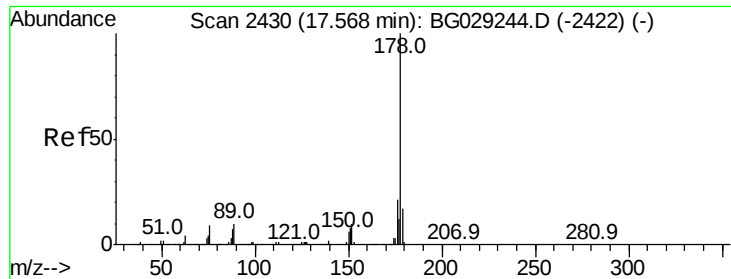
#44

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	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 :

B0C85

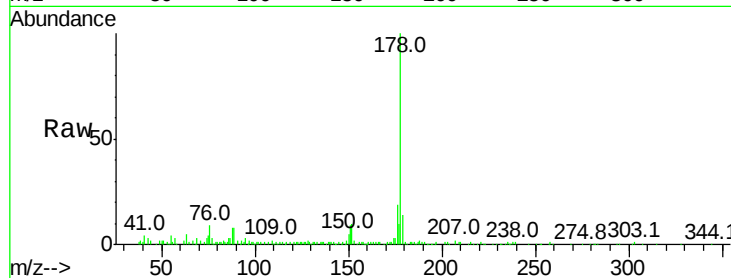
Tot Ion:178 Resp: 66249

Ion	Ratio	Lower	Upper
178	100		
179	14.3	13.0	19.6
176	19.5	15.3	22.9

178 100

179 14.3 13.0 19.6

176 19.5 15.3 22.9

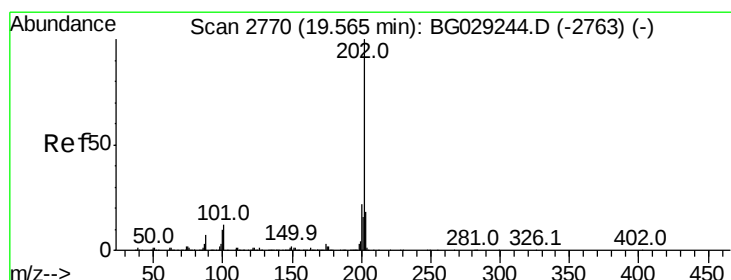
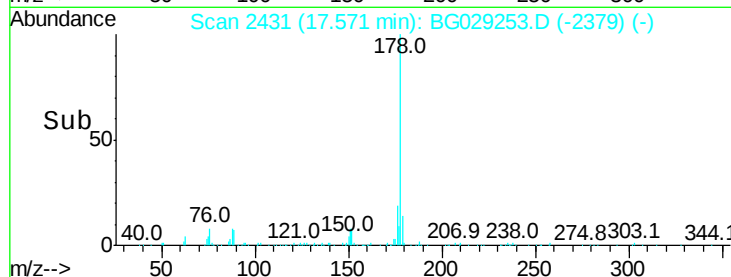
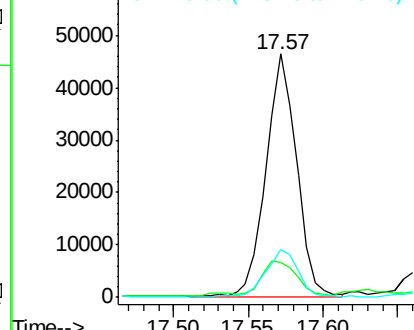


Abundance

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



#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

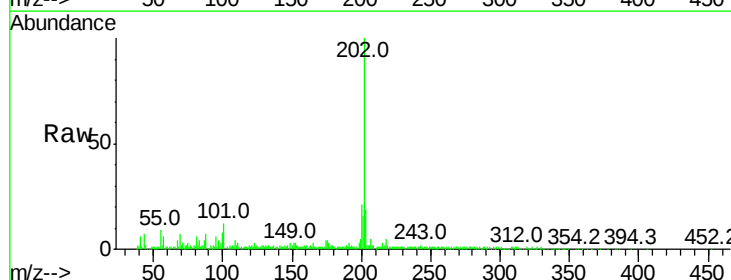
Tgt Ion:202 Resp: 94685

Ion	Ratio	Lower	Upper
202	100		
101	12.2	7.4	11.2#
100	8.0	5.6	8.4

202 100

101 12.2 7.4 11.2#

100 8.0 5.6 8.4

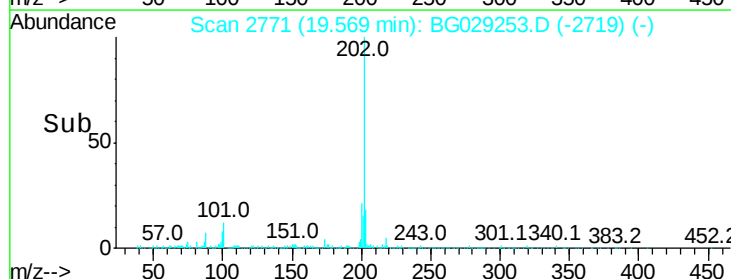
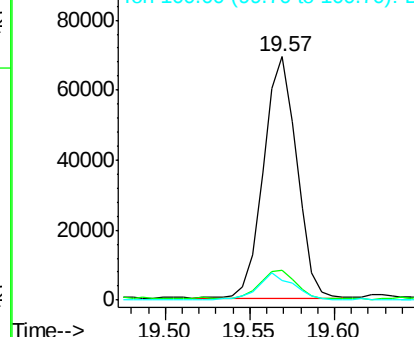


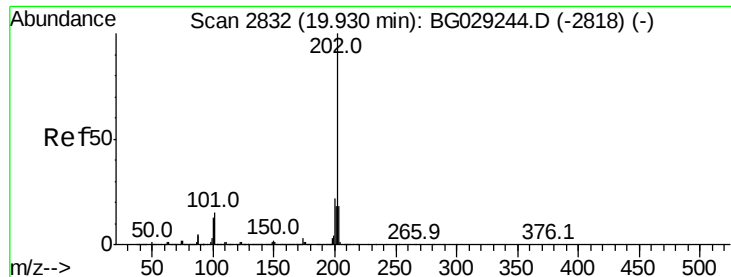
Abundance

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

Pvrene

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

Instrument :

BNA_G

ClientSampleId :

B0C85

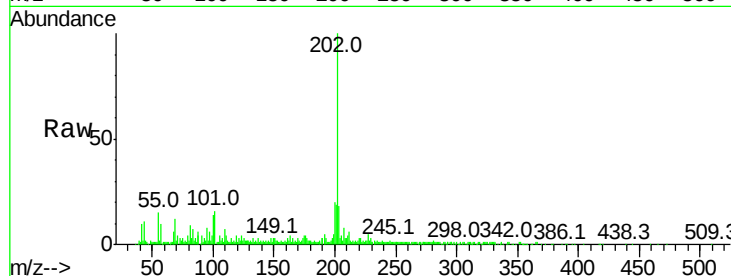
Tot Ion:202 Resp: 91460

Ion Ratio Lower Upper

202 100

101 16.1 8.4 12.6#

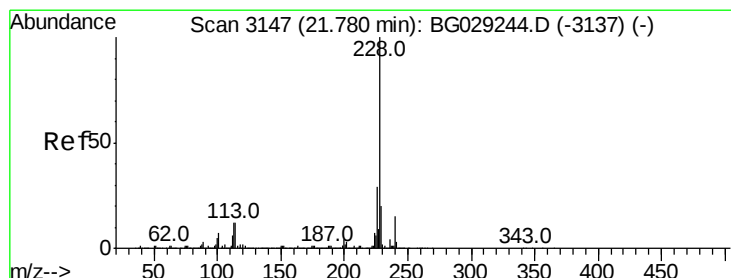
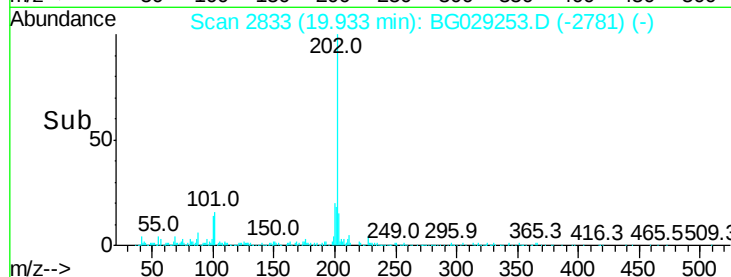
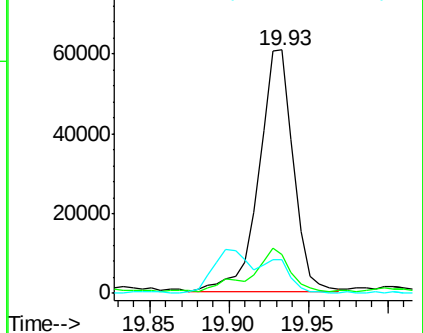
100 14.1 7.0 10.6#



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

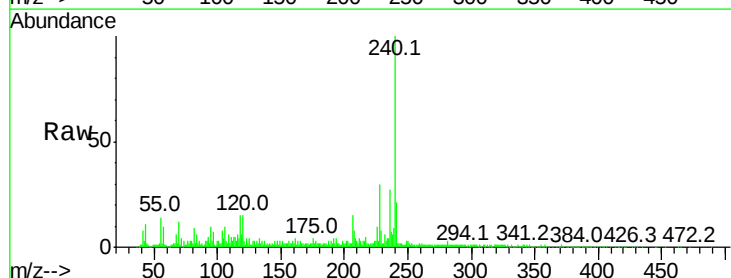
Tgt Ion:228 Resp: 50595

Ion Ratio Lower Upper

228 100

229 27.2 16.2 24.4#

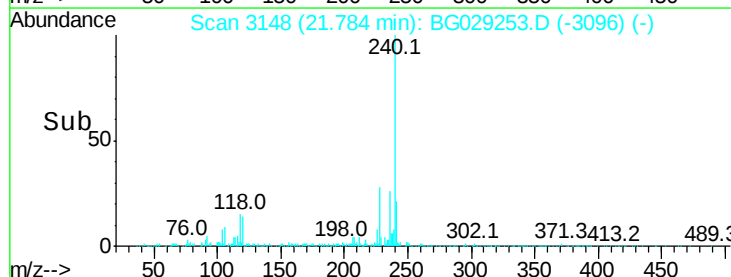
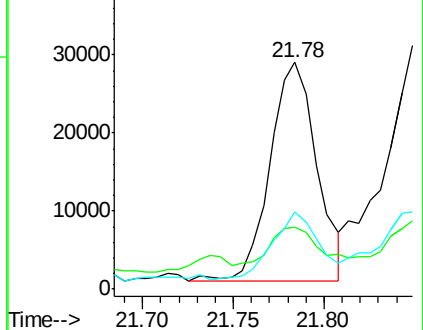
226 34.2 22.2 33.2#

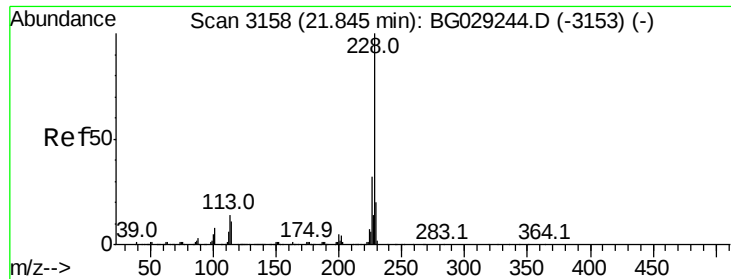


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 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

Instrument :

BNA_G

ClientSampleId :

B0C85

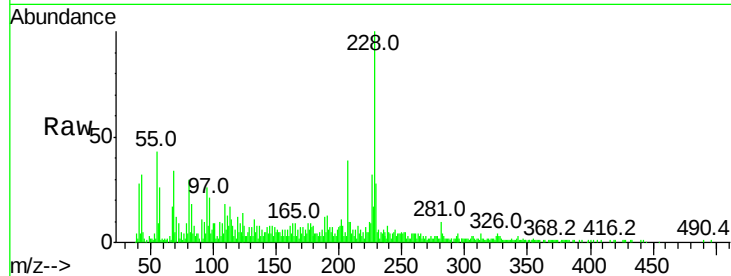
Tot Ion:228 Resp: 61442

Ion Ratio Lower Upper

228 100

226 31.9 24.2 36.2

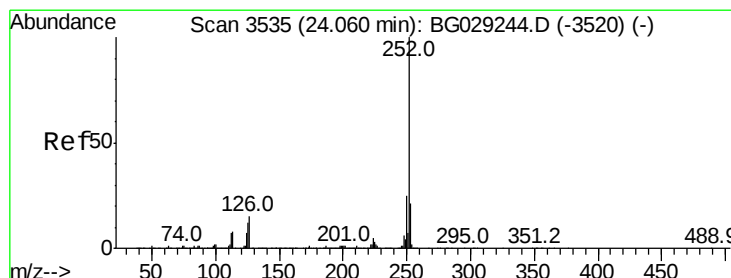
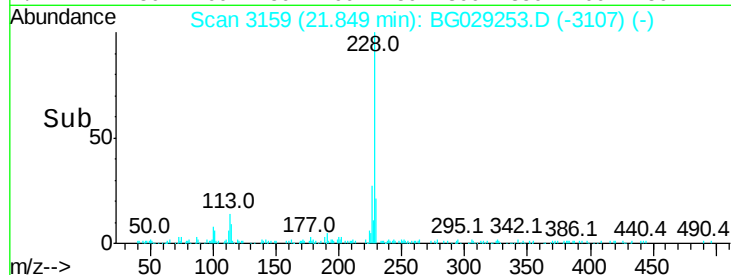
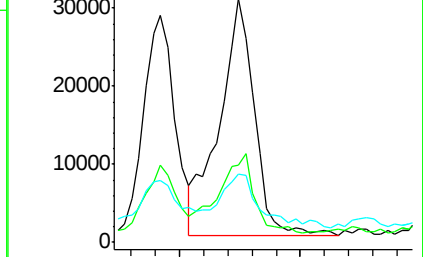
229 27.8 15.2 22.8#



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: 1.707 ng/ul

RT: 24.06 min Scan# 3536

Delta R.T. 0.00 min

Lab File: BG029253.D

Acq: 15 Oct 2017 10:53

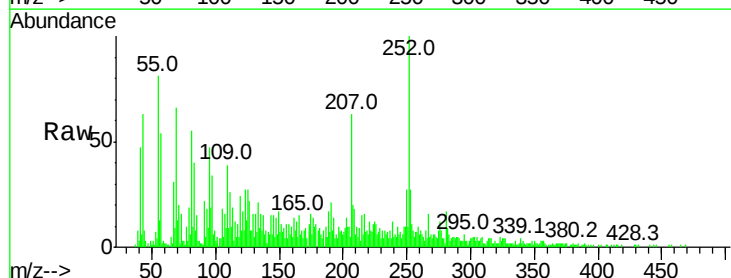
Tgt Ion:252 Resp: 67208

Ion Ratio Lower Upper

252 100

253 26.6 17.0 25.4#

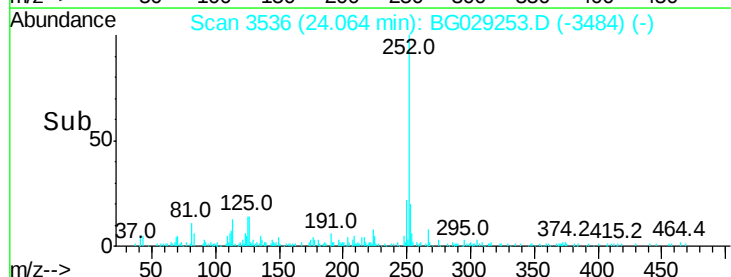
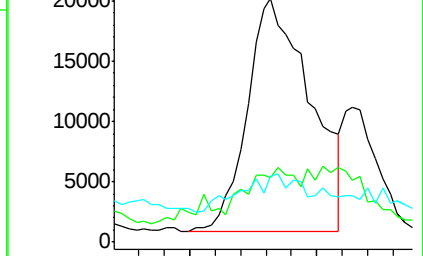
125 27.1 7.5 11.3#

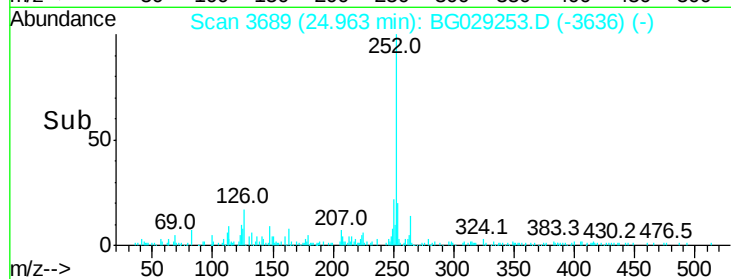
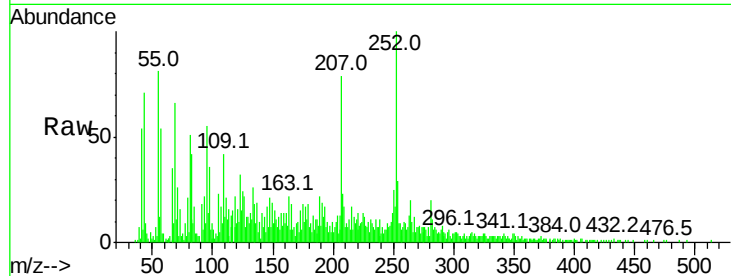
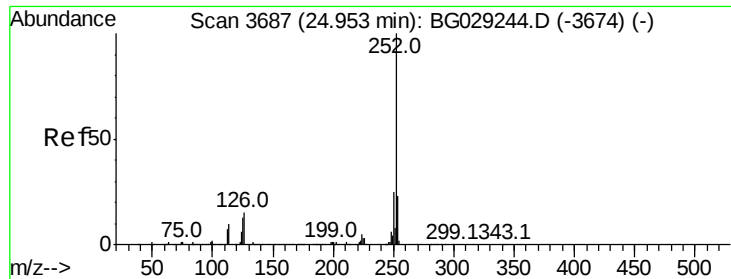


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#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

Instrument :

BNA_G

ClientSampleId :

B0C85

Tot Ion:252 Resp: 43750

Ion Ratio Lower Upper

252 100

253 28.7 17.1 25.7#

125 23.8 7.8 11.8#

