

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029234.D
 Acq On : 14 Oct 2017 22:13
 Operator : SJ/JU
 Sample : I5548-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB2

Quant Time: Oct 15 02:50:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 01:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	119393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	539011	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	328421	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	692248	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	613344	20.00	ng/ul	0.00
83) Perylene-d12	25.11	264	607810	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	8752	2.98	ng/uL	0.00
5) Phenol-d5	7.32	99	168163	14.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	109993	15.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	124536	15.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	106696	11.53	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	63623	16.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	67796	17.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	131110	14.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	100713	9.59	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	430430	15.33	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	543127	15.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	59734	11.52	ng/ul	0.00
57) Fluorene-d10	15.78	176	369701	16.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	41296	12.22	ng/ul	0.00
70) Anthracene-d10	17.62	188	522162	15.95	ng/ul	0.00
76) Pyrene-d10	19.90	212	517328	16.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	451733	15.69	ng/ul	0.00

Target Compounds

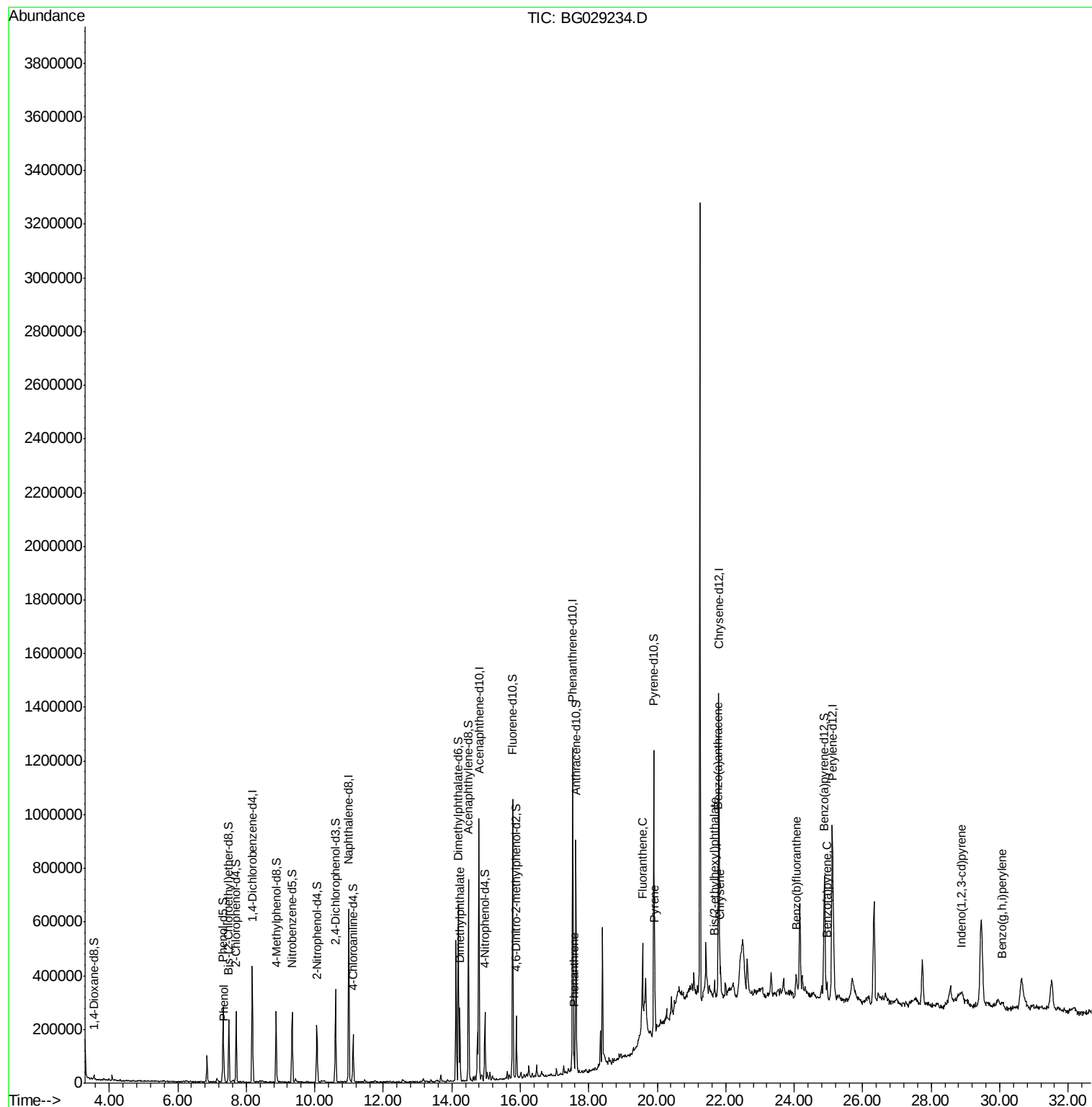
					Ovalue	
6) Phenol	7.35	94	21349	1.800	ng/ul#	86
44) Dimethylphthalate	14.23	163	169188	6.178	ng/ul	98
69) Phenanthrene	17.57	178	45603	1.219	ng/ul	98
74) Fluoranthene	19.57	202	149988	3.586	ng/ul#	93
77) Pyrene	19.93	202	126376	3.074	ng/ul#	89
80) Benzo(a)anthracene	21.78	228	74175	1.930	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.68	149	25843	1.070	ng/ul#	98
82) Chrysene	21.85	228	78541	2.249	ng/ul#	91
85) Benzo(b)fluoranthene	24.06	252	105854	2.901	ng/ul#	92
88) Benzo(a)pyrene	24.96	252	65953	1.857	ng/ul#	83
89) Indeno(1,2,3-cd)pyrene	28.89	276	45002	1.120	ng/ul#	85
91) Benzo(g,h,i)perylene	30.08	276	36694	1.102	ng/ul#	91

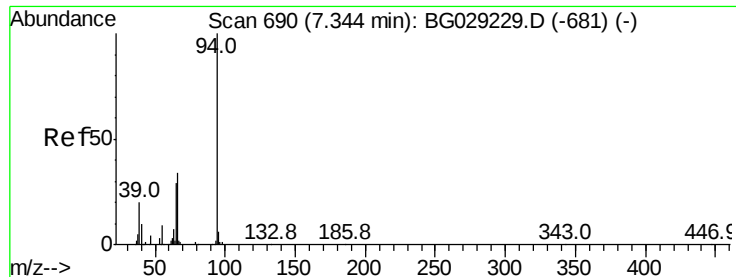
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 01:38:25 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.800 ng/ul

RT: 7.35 min Scan# 692

Delta R.T. 0.01 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

Instrument :

BNA_G

ClientSampleId :

C0AB2

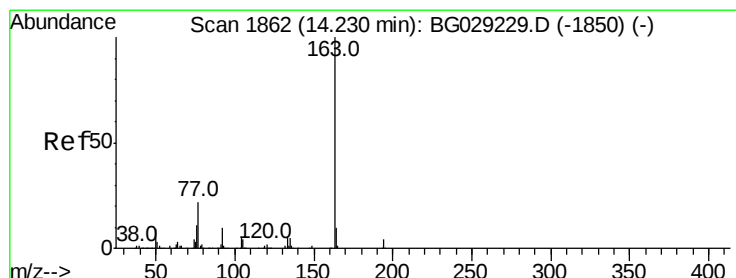
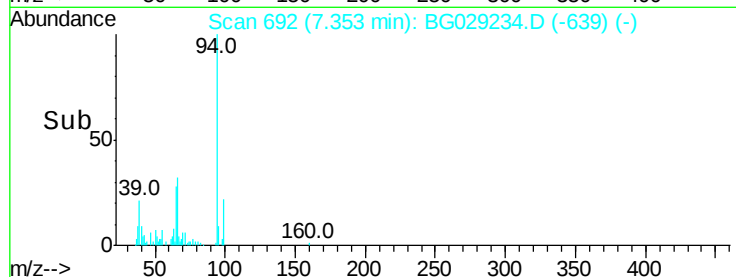
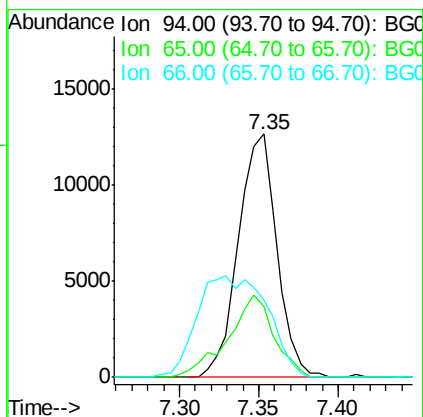
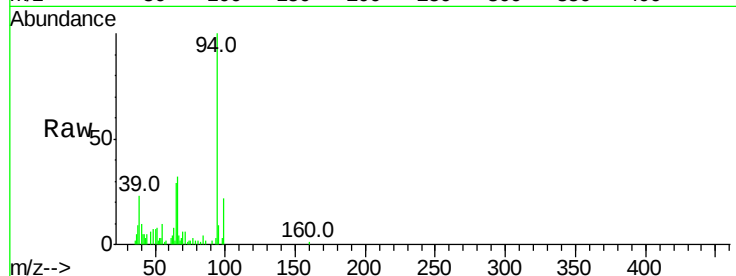
Tot Ion: 94 Resp: 21349

Ion Ratio Lower Upper

94 100

65 29.3 27.1 40.7

66 31.7 34.6 52.0#



#44

Dimethylphthalate

Concen: 6.178 ng/ul

RT: 14.23 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

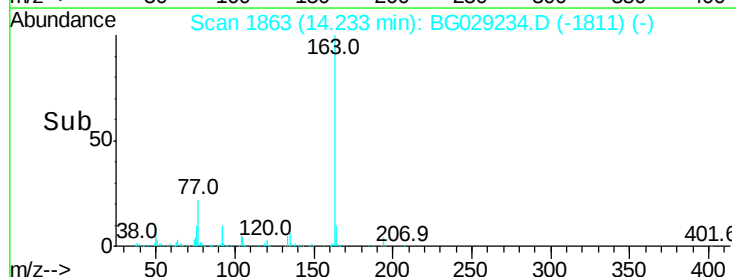
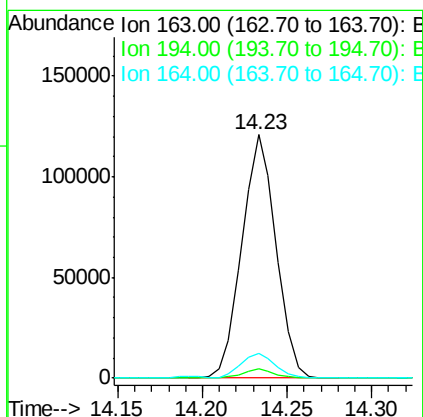
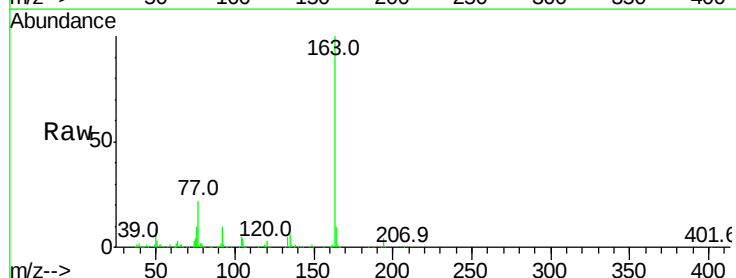
Tgt Ion:163 Resp: 169188

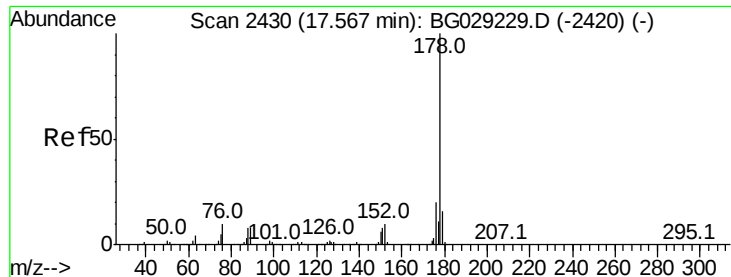
Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

164 10.2 7.6 11.4





#69

Phenanthrene

Concen: 1.219 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

Instrument :

BNA_G

ClientSampleId :

C0AB2

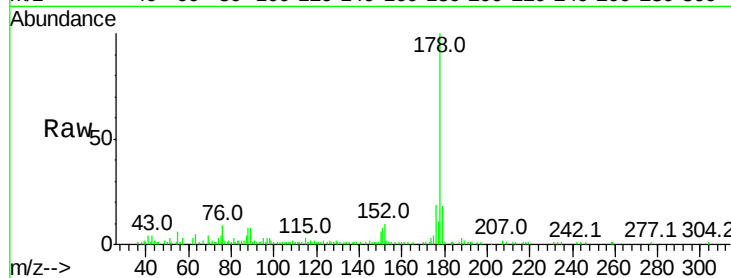
Tot Ion:178 Resp: 45603

Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.0	19.6
176	19.1	15.3	22.9

178 100

179 17.7 13.0 19.6

176 19.1 15.3 22.9

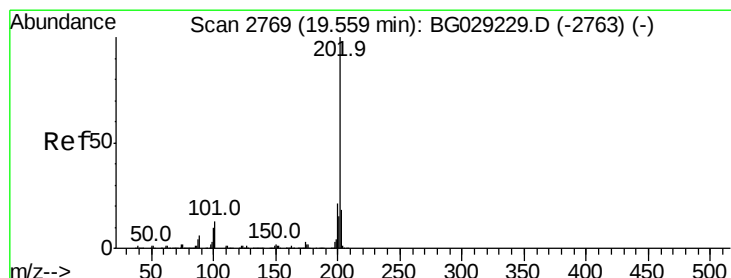
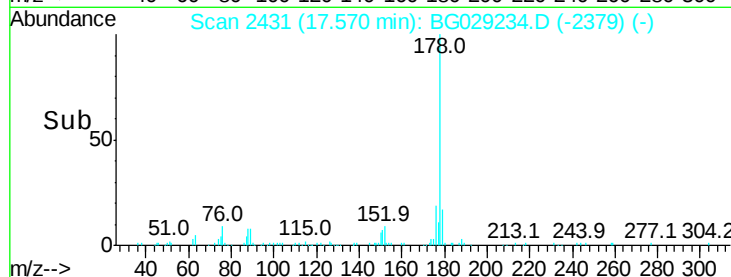
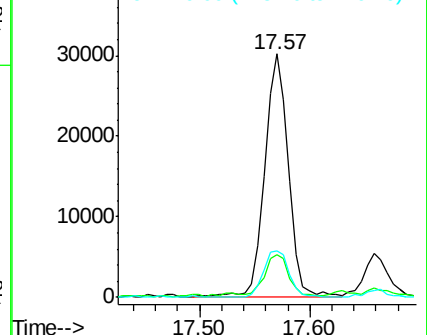


Abundance

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: 3.586 ng/ul

RT: 19.57 min Scan# 2771

Delta R.T. 0.01 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

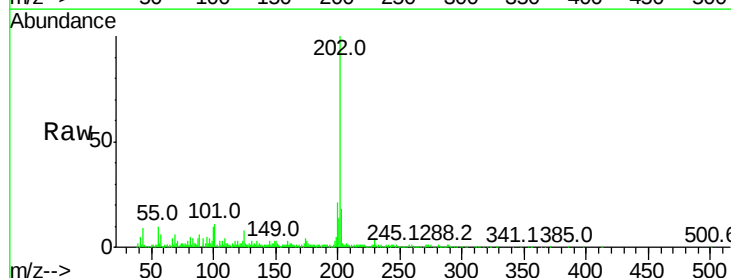
Tgt Ion:202 Resp: 149988

Ion	Ratio	Lower	Upper
202	100		
101	11.4	7.4	11.2#
100	9.8	5.6	8.4#

202 100

101 11.4 7.4 11.2#

100 9.8 5.6 8.4#

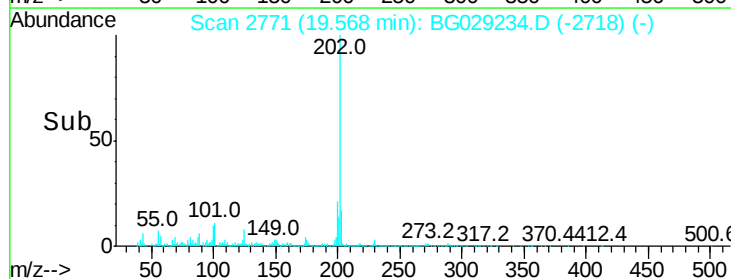
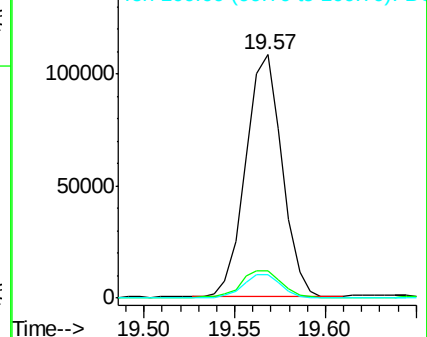


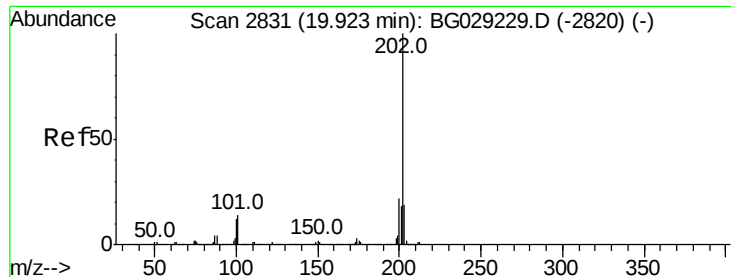
Abundance

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: 3.074 ng/ul

RT: 19.93 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

Instrument :

BNA_G

ClientSampleId :

C0AB2

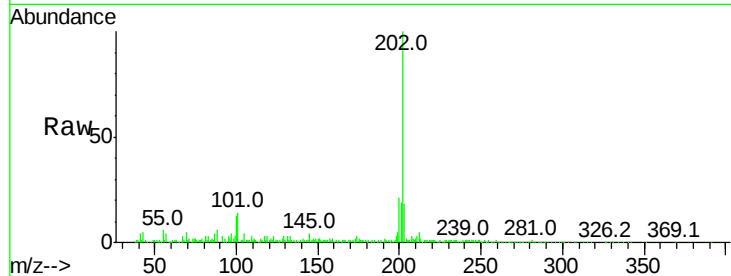
Tot Ion:202 Resp: 126376

Ion Ratio Lower Upper

202 100

101 14.5 8.4 12.6#

100 13.3 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): E

120000

100000

80000

60000

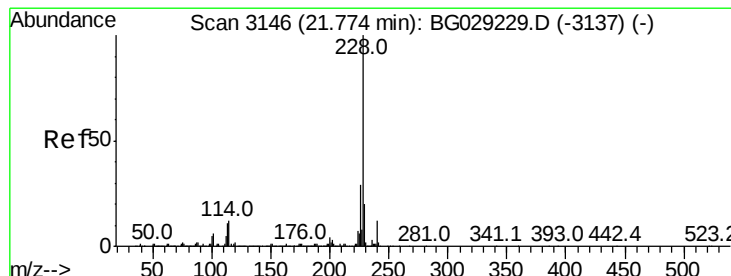
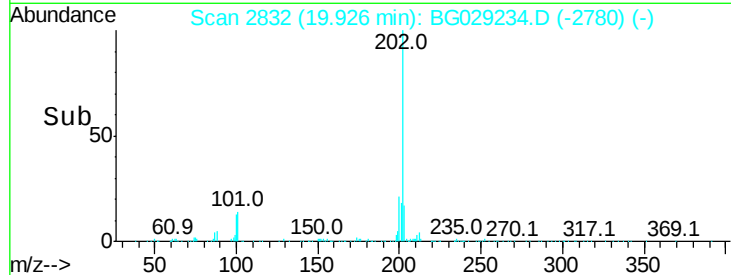
40000

20000

0

19.93

Time--> 19.80 19.90 20.00



#80

Benzo(a)anthracene

Concen: 1.930 ng/ul

RT: 21.78 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

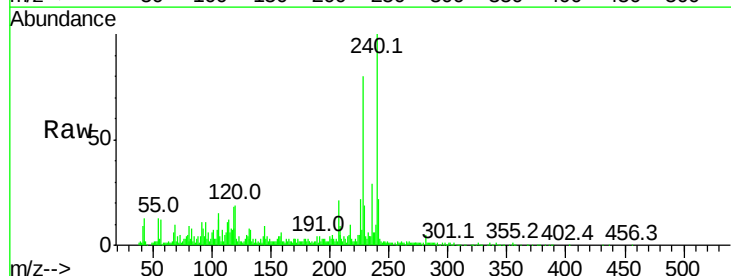
Tgt Ion:228 Resp: 74175

Ion Ratio Lower Upper

228 100

229 23.2 16.2 24.4

226 27.7 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

60000

50000

40000

30000

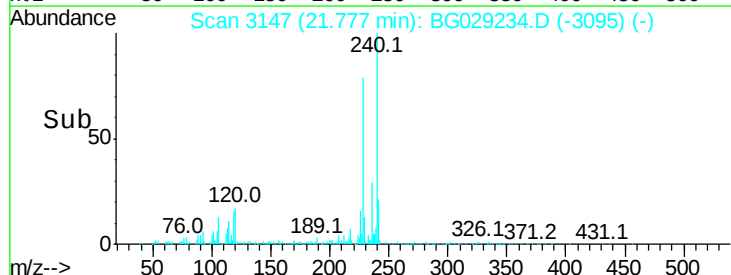
20000

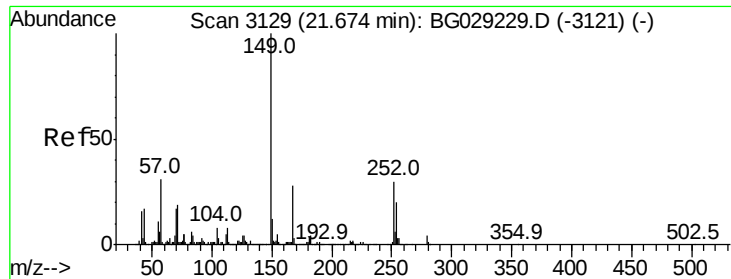
10000

0

21.78

Time--> 21.75 21.80





#81

Bis(2-ethylhexyl)phthalate

Concen: 1.070 ng/ul

RT: 21.68 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

Instrument :

BNA_G

ClientSampleId :

C0AB2

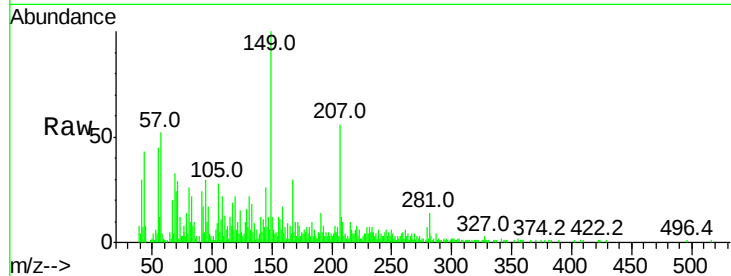
Tot Ion:149 Resp: 25843

Ion Ratio Lower Upper

149 100

167 29.5 23.2 34.8

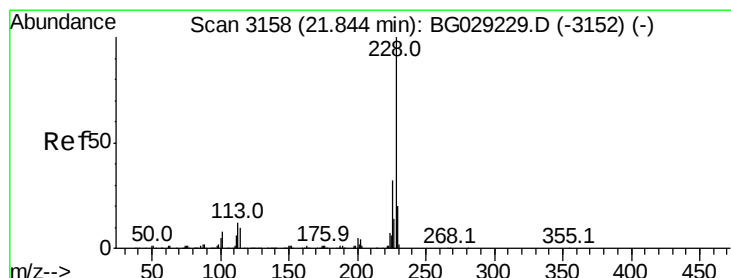
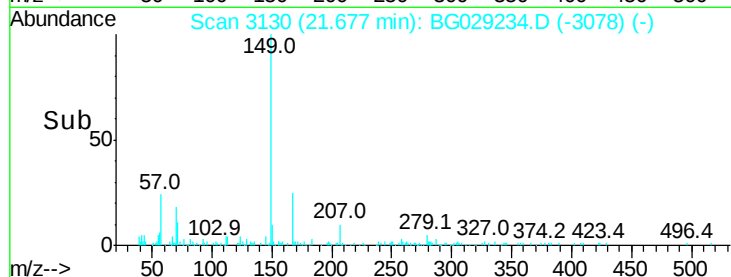
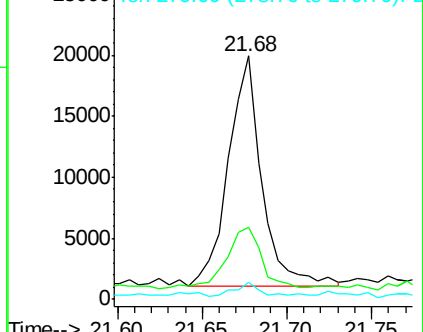
279 6.8 3.1 4.7#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 2.249 ng/ul

RT: 21.85 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

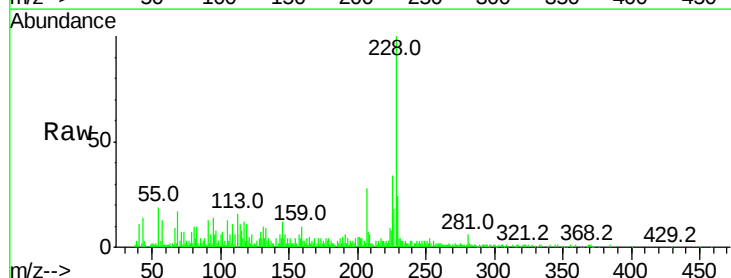
Tgt Ion:228 Resp: 78541

Ion Ratio Lower Upper

228 100

226 34.3 24.2 36.2

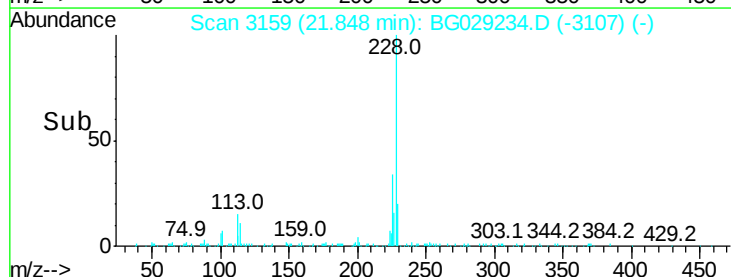
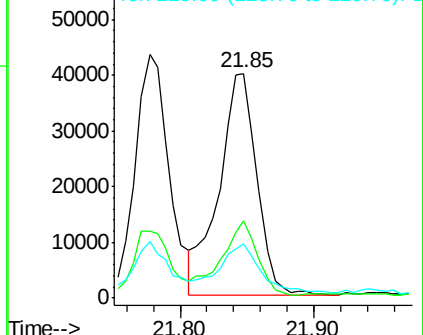
229 24.2 15.2 22.8#

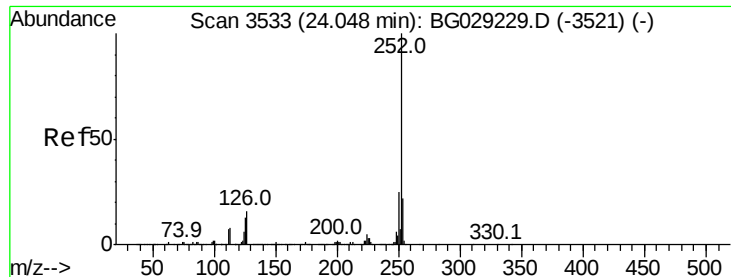


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 2.901 ng/ul

RT: 24.06 min Scan# 3535

Delta R.T. 0.01 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

Instrument :

BNA_G

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C0AB2

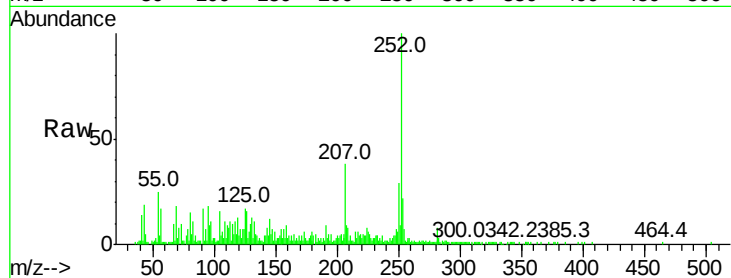
Tot Ion:252 Resp: 105854

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

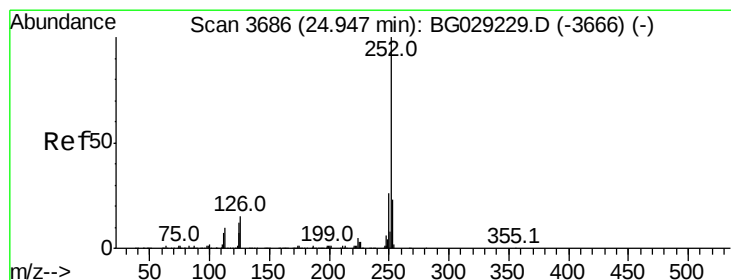
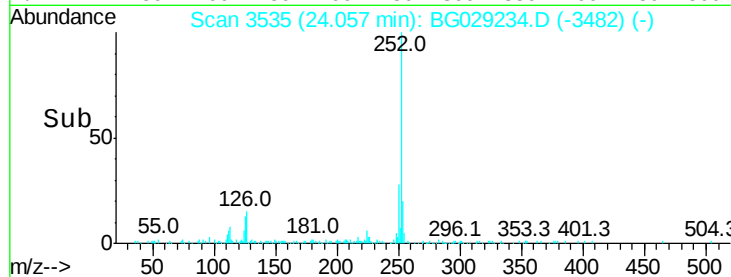
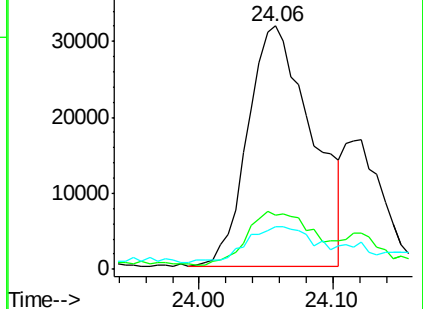
125 17.5 7.5 11.3#



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: 1.857 ng/ul

RT: 24.96 min Scan# 3688

Delta R.T. 0.01 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

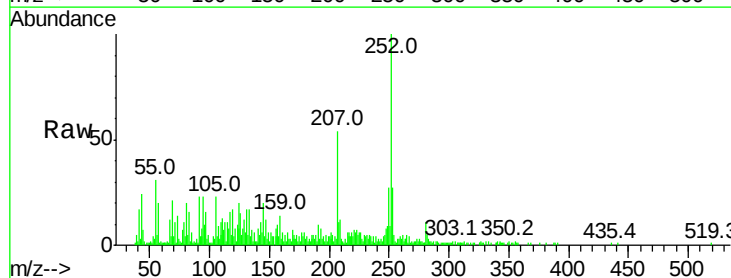
Tgt Ion:252 Resp: 65953

Ion Ratio Lower Upper

252 100

253 27.3 17.1 25.7#

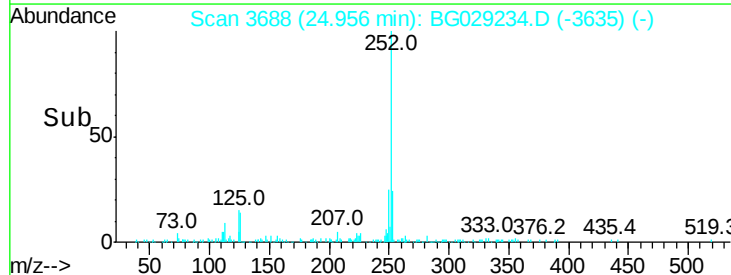
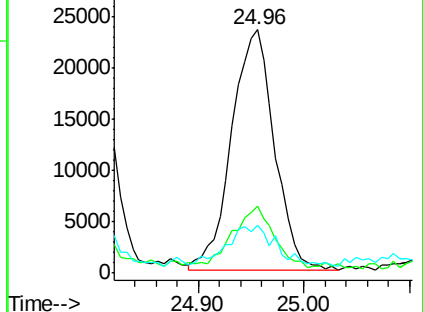
125 19.6 7.8 11.8#

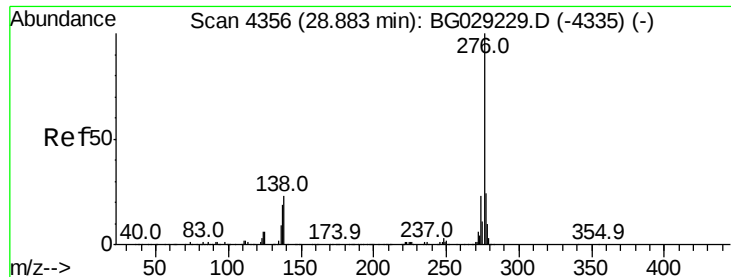


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.120 ng/ul

RT: 28.89 min Scan# 4358

Delta R.T. 0.01 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

Instrument :

BNA_G

ClientSampleId :

C0AB2

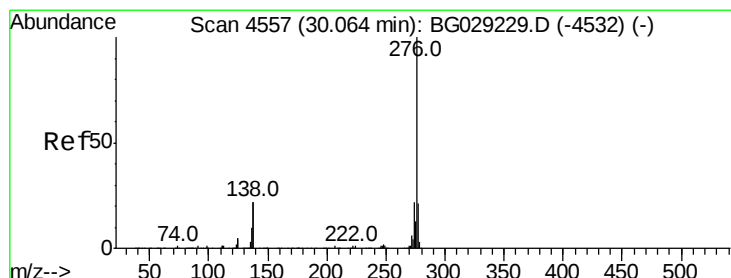
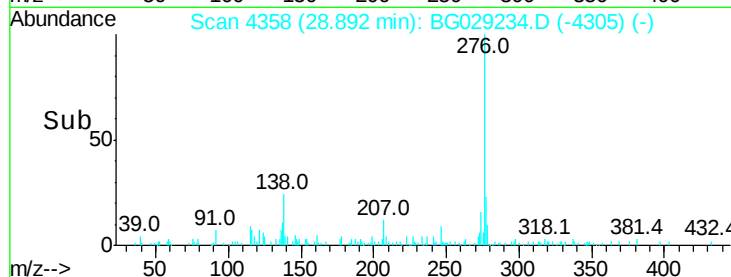
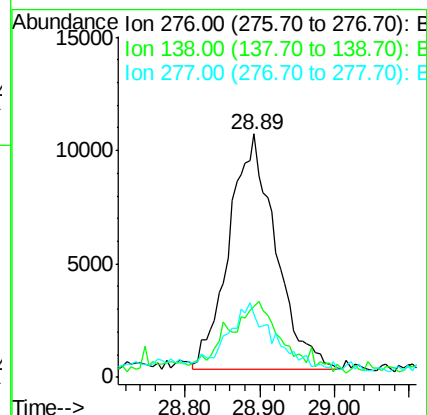
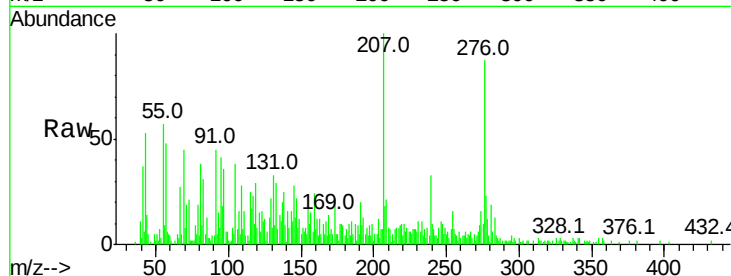
Tot Ion:276 Resp: 45002

Ion Ratio Lower Upper

276 100

138 28.9 13.4 20.0#

277 26.2 18.6 28.0



#91

Benzo(g,h,i)perylene

Concen: 1.102 ng/ul

RT: 30.08 min Scan# 4560

Delta R.T. 0.01 min

Lab File: BG029234.D

Acq: 14 Oct 2017 22:13

Tgt Ion:276 Resp: 36694

Ion Ratio Lower Upper

276 100

138 24.3 12.1 18.1#

277 22.3 17.7 26.5

