

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029468.D
 Acq On : 26 Oct 2017 8:20
 Operator : SJ/JU
 Sample : I5792-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 26 14:24:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:08:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	105372	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	470134	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	274538	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	596577	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	639408	20.00	ng/ul	0.00
83) Perylene-d12	25.13	264	642340	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	12686	4.89	ng/uL	0.00
5) Phenol-d5	7.32	99	298605	29.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	174928	27.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	243124	34.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	228599	27.99	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	120762	35.78	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	146777	42.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	263858	33.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	148342	16.20	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	741792	31.60	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	960424	33.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	111238	25.67	ng/ul	0.00
57) Fluorene-d10	15.78	176	667965	34.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	104285	35.81	ng/ul	0.00
70) Anthracene-d10	17.63	188	976148	34.60	ng/ul	0.00
76) Pyrene-d10	19.89	212	1105623	33.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	1081352	35.54	ng/ul	0.02

Target Compounds

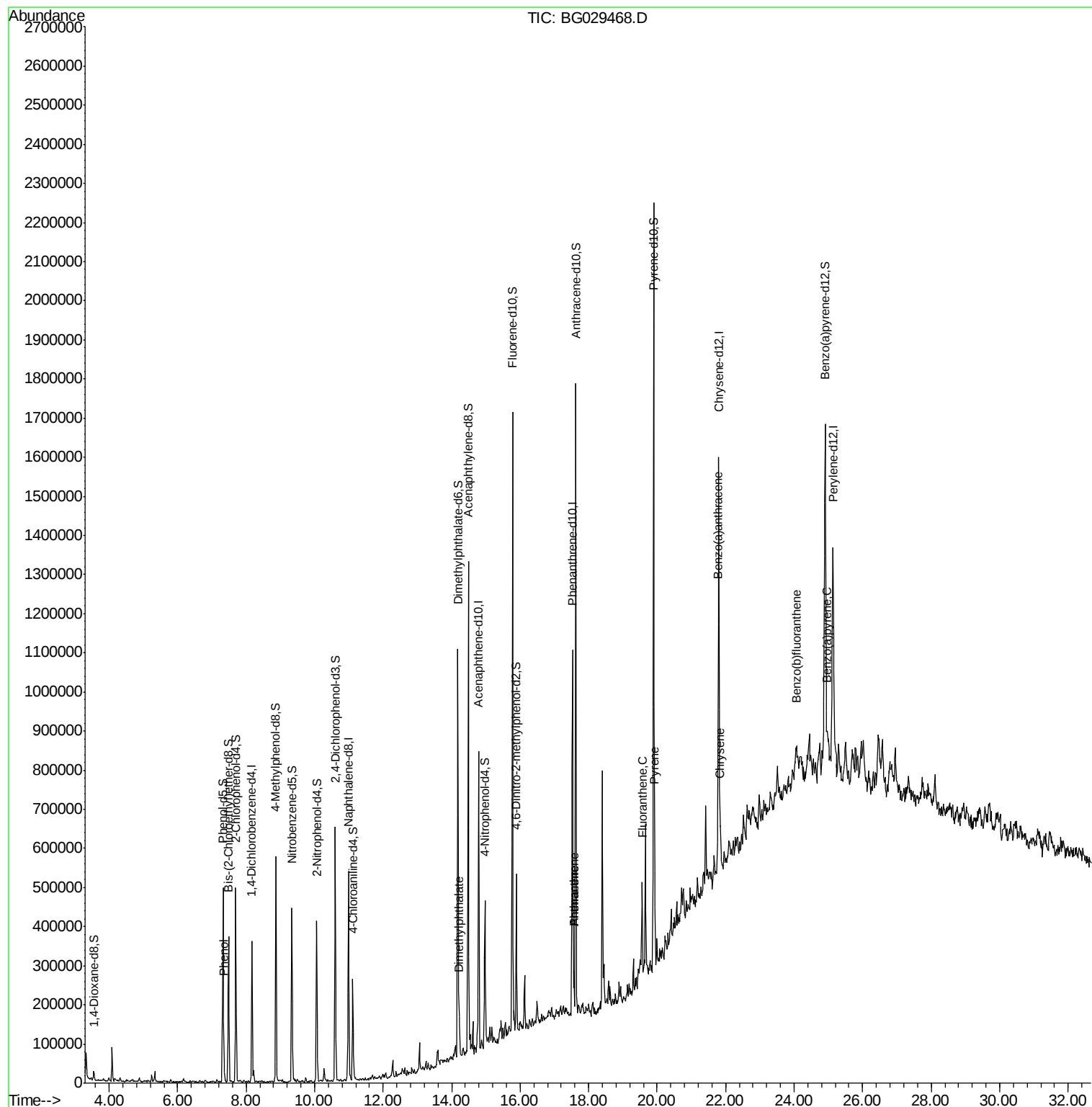
					Ovalue	
6) Phenol	7.34	94	34685	3.314	ng/ul	95
44) Dimethylphthalate	14.23	163	48425	2.115	ng/ul	99
69) Phenanthrene	17.57	178	78238	2.426	ng/ul	98
71) Anthracene	17.57	178	78238	2.351	ng/ul	98
74) Fluoranthene	19.57	202	137185	3.806	ng/ul	98
77) Pyrene	19.92	202	160977	3.756	ng/ul	98
80) Benzo(a)anthracene	21.78	228	63263	1.579	ng/ul#	85
82) Chrysene	21.84	228	119880	3.293	ng/ul#	92
85) Benzo(b)fluoranthene	24.06	252	102808	2.666	ng/ul#	68
88) Benzo(a)pyrene	24.96	252	64889	1.729	ng/ul#	77

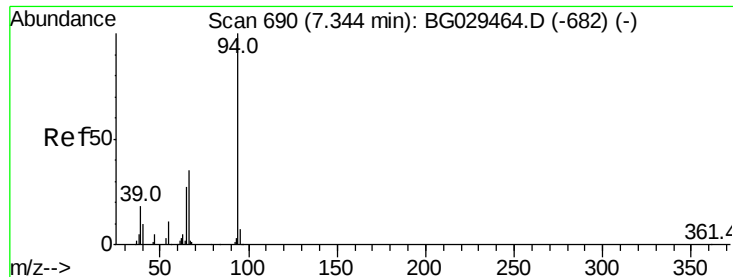
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 3.314 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG029468.D

Acq: 26 Oct 2017 8:20

Instrument :

BNA_G

ClientSampleId :

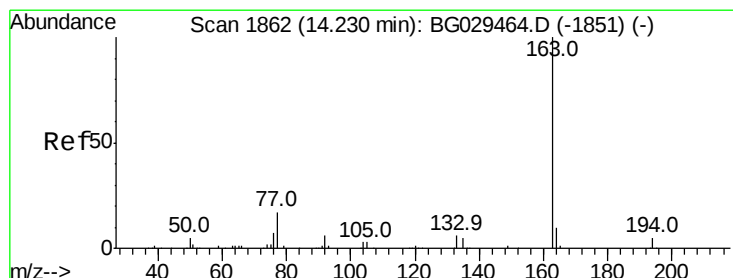
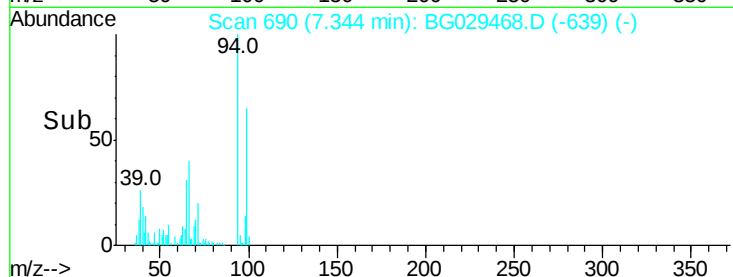
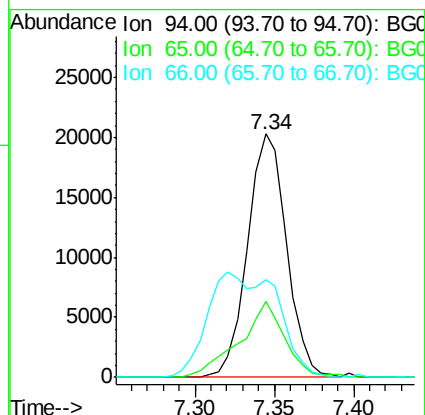
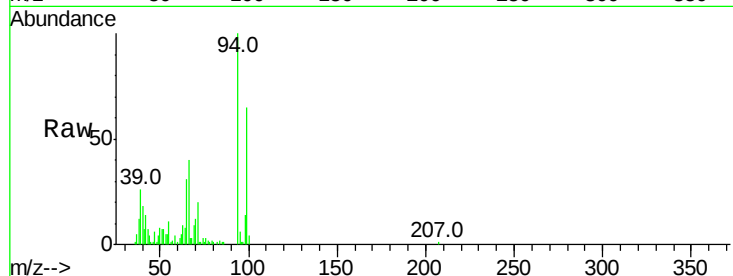
Tot Ion: 94 Resp: 34685

Ion Ratio Lower Upper

94 100

65 31.1 27.1 40.7

66 40.3 34.6 52.0



#44

Dimethylphthalate

Concen: 2.115 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BG029468.D

Acq: 26 Oct 2017 8:20

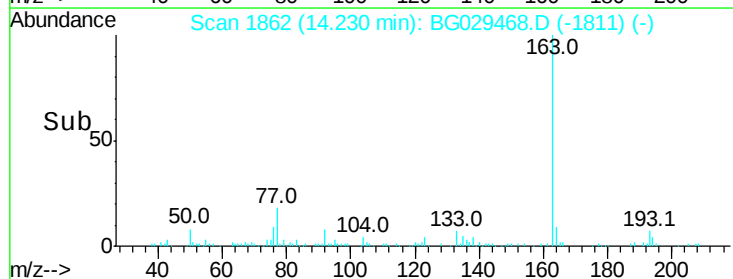
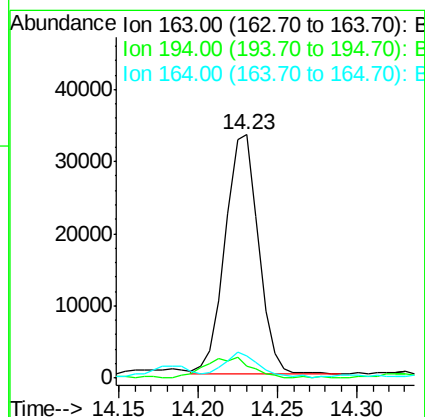
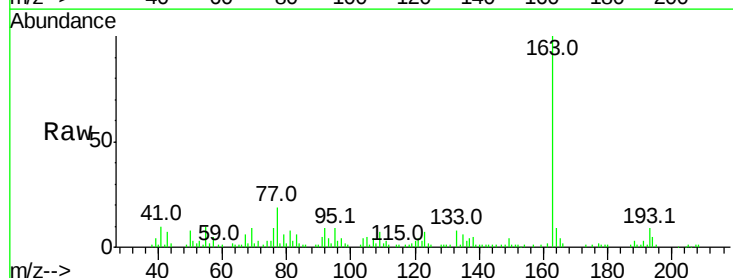
Tgt Ion:163 Resp: 48425

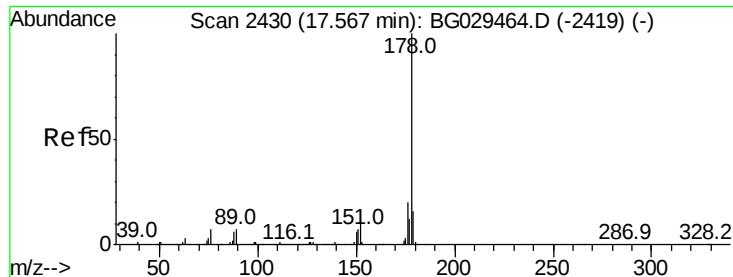
Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

164 9.1 7.6 11.4





#69

Phenanthrene

Concen: 2.426 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG029468.D

Acq: 26 Oct 2017 8:20

Instrument :

BNA_G

ClientSampleId :

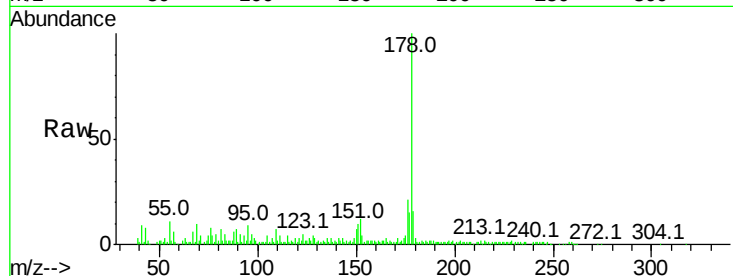
Tot Ion:178 Resp: 78238

Ion Ratio Lower Upper

178 100

179 15.9 13.0 19.6

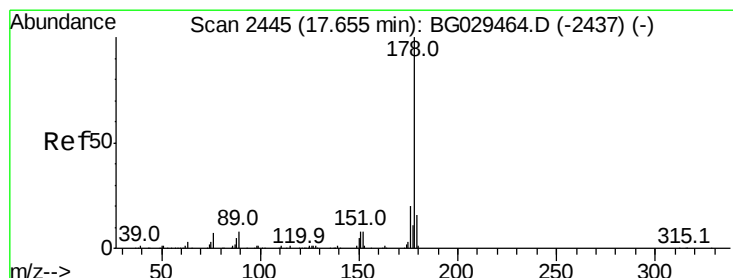
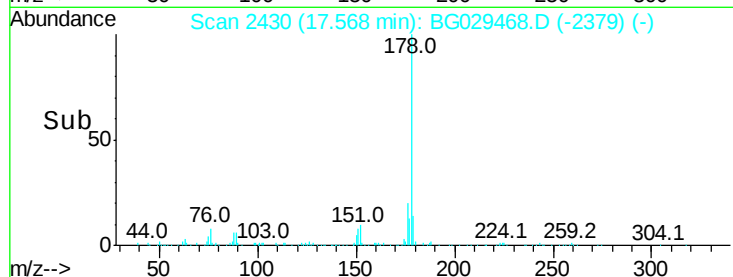
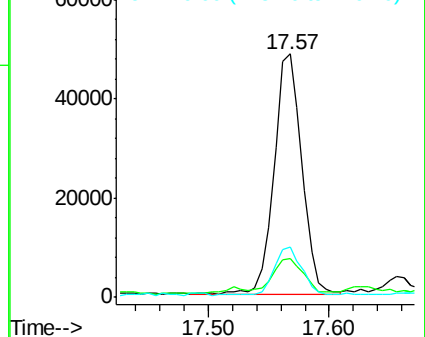
176 20.8 15.3 22.9



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: 2.351 ng/ul

RT: 17.57 min Scan# 2430

Delta R.T. -0.09 min

Lab File: BG029468.D

Acq: 26 Oct 2017 8:20

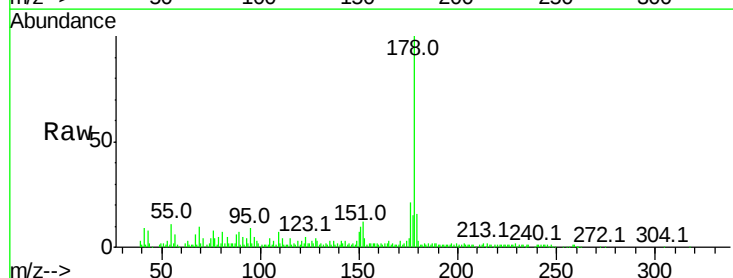
Tgt Ion:178 Resp: 78238

Ion Ratio Lower Upper

178 100

179 15.9 13.2 19.8

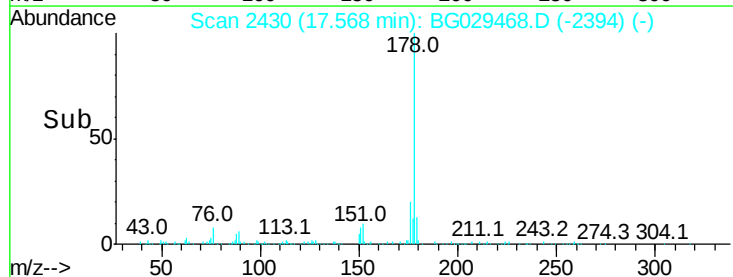
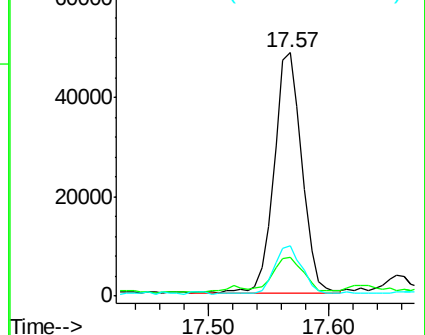
176 20.8 16.0 24.0

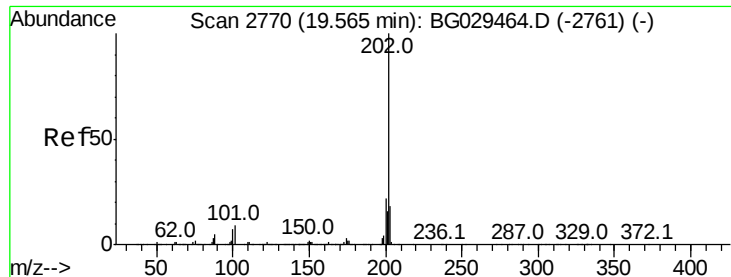


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 3.806 ng/ul

RT: 19.57 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BG029468.D

Acq: 26 Oct 2017 8:20

Instrument :

BNA_G

ClientSampleId :

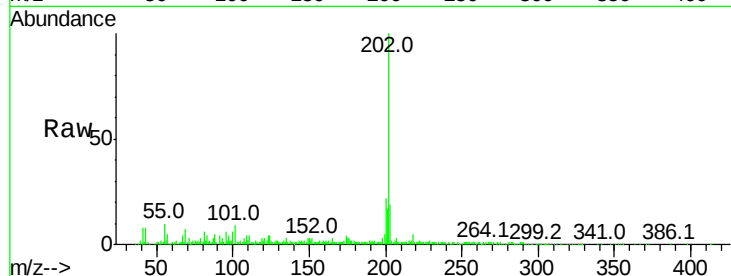
Tot Ion:202 Resp: 137185

Ion Ratio Lower Upper

202 100

101 8.6 7.4 11.2

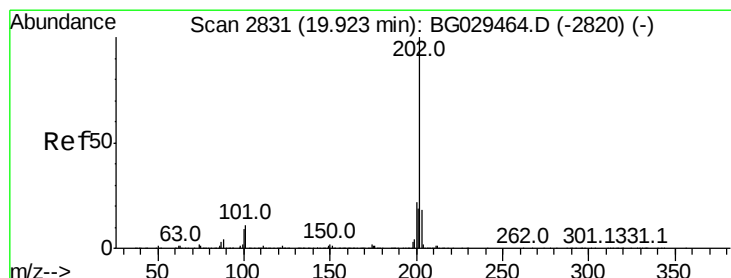
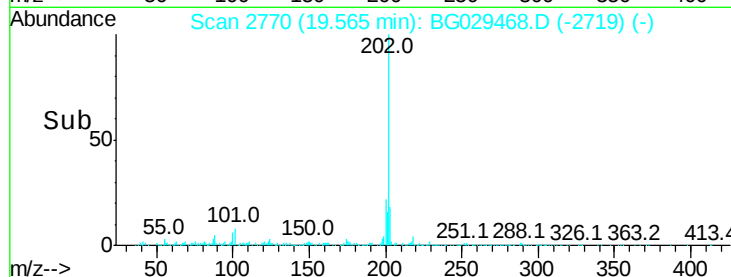
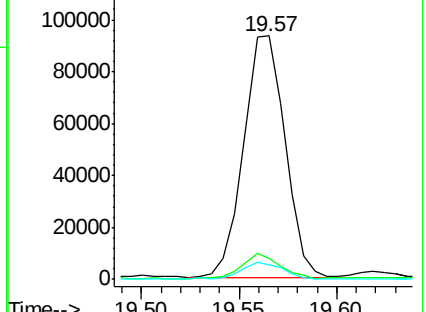
100 6.0 5.6 8.4



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: 3.756 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BG029468.D

Acq: 26 Oct 2017 8:20

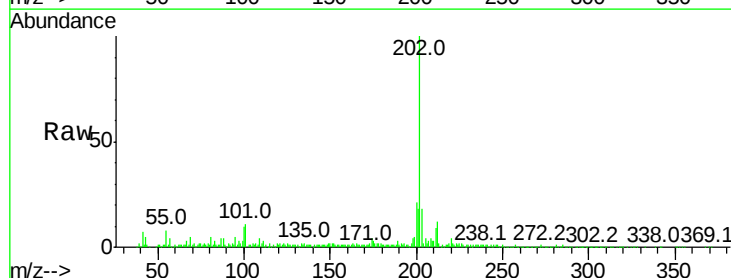
Tgt Ion:202 Resp: 160977

Ion Ratio Lower Upper

202 100

101 10.7 8.4 12.6

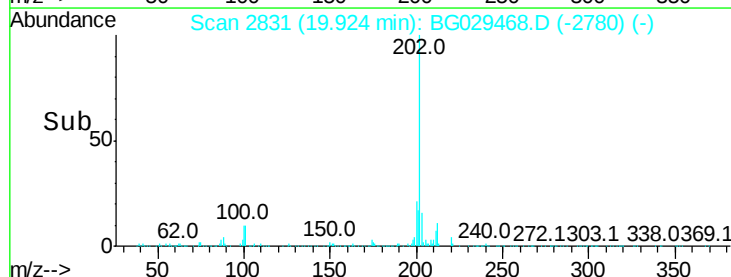
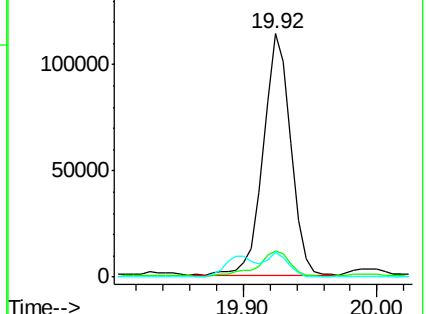
100 9.9 7.0 10.6

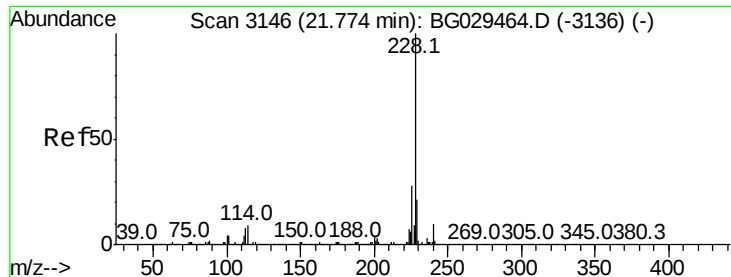


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

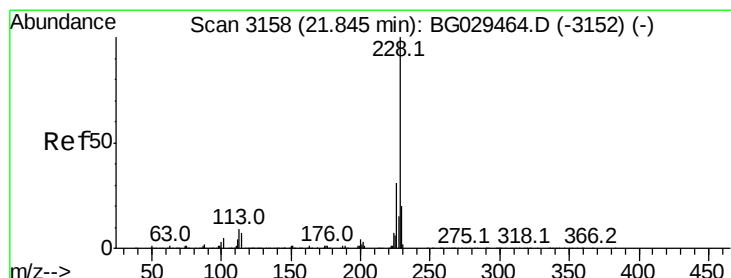
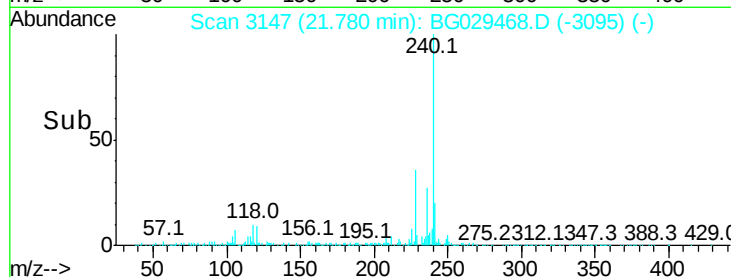
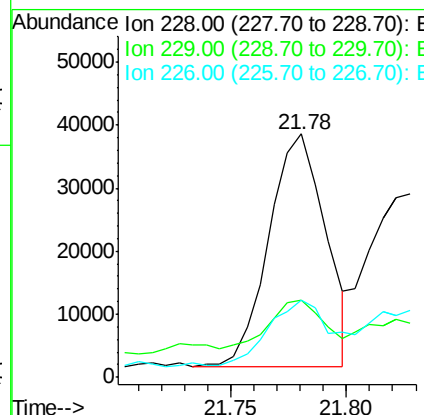
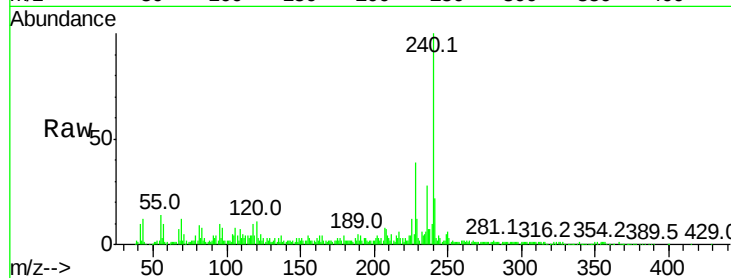




#80
Benzo(a)anthracene
Concen: 1.579 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. 0.01 min
Lab File: BG029468.D
Acq: 26 Oct 2017 8:20

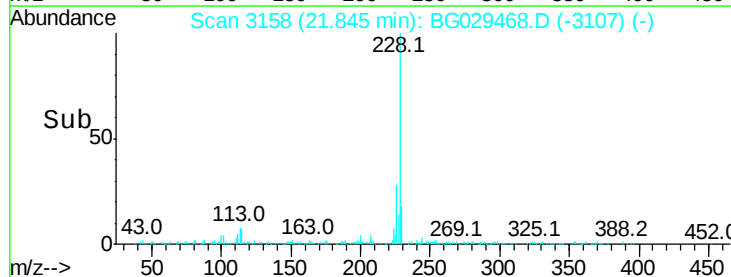
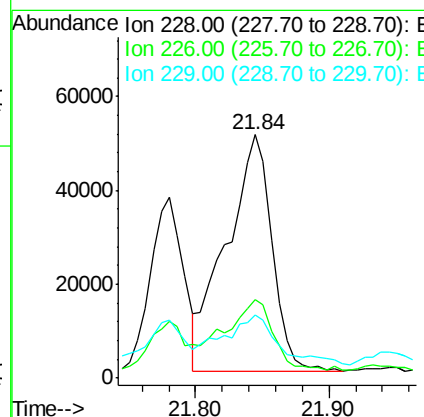
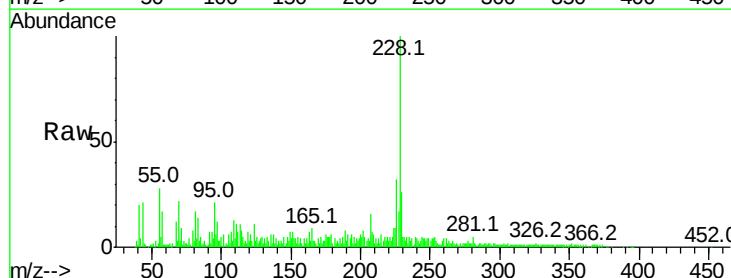
Instrument :
BNA_G
ClientSampled :

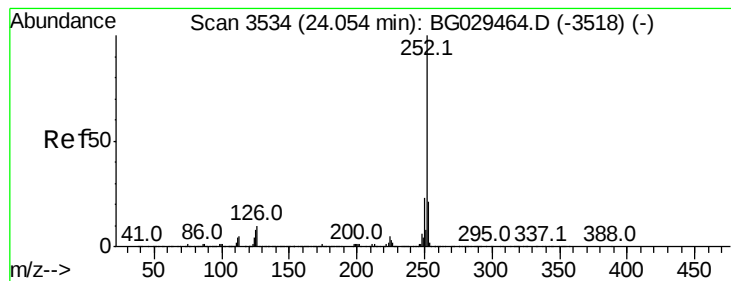
Tot Ion:228 Resp: 63263
Ion Ratio Lower Upper
228 100
229 32.0 16.2 24.4#
226 31.7 22.2 33.2



#82
Chrysene
Concen: 3.293 ng/ul
RT: 21.84 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BG029468.D
Acq: 26 Oct 2017 8:20

Tgt Ion:228 Resp: 119880
Ion Ratio Lower Upper
228 100
226 32.4 24.2 36.2
229 25.8 15.2 22.8#





#85

Benzo(b)fluoranthene

Concen: 2.666 ng/ul

RT: 24.06 min Scan# 3535

Delta R.T. 0.01 min

Lab File: BG029468.D

Acq: 26 Oct 2017 8:20

Instrument :

BNA_G

ClientSampleId :

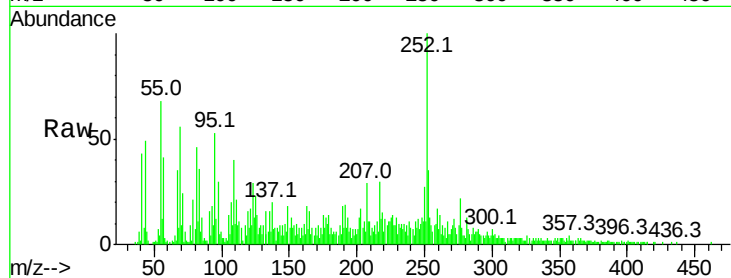
Tot Ion:252 Resp: 102808

Ion Ratio Lower Upper

252 100

253 35.1 17.0 25.4#

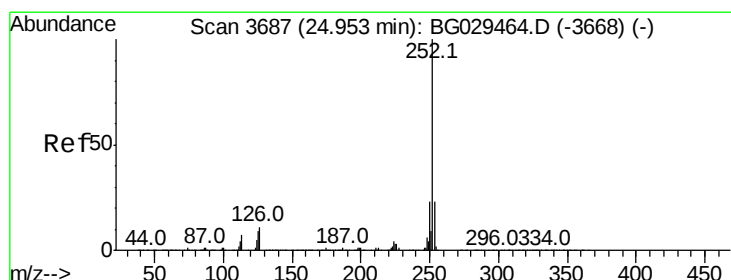
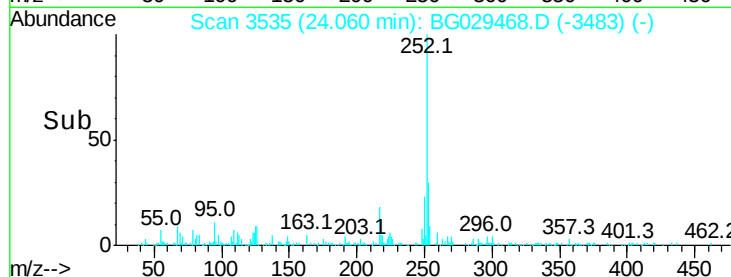
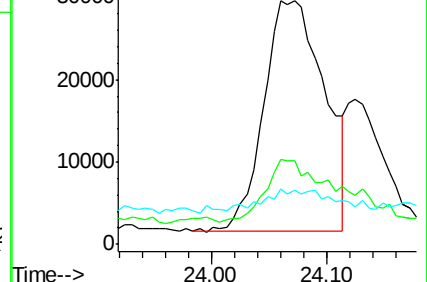
125 22.8 7.5 11.3#



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



#88

Benzo(a)pyrene

Concen: 1.729 ng/ul

RT: 24.96 min Scan# 3689

Delta R.T. 0.01 min

Lab File: BG029468.D

Acq: 26 Oct 2017 8:20

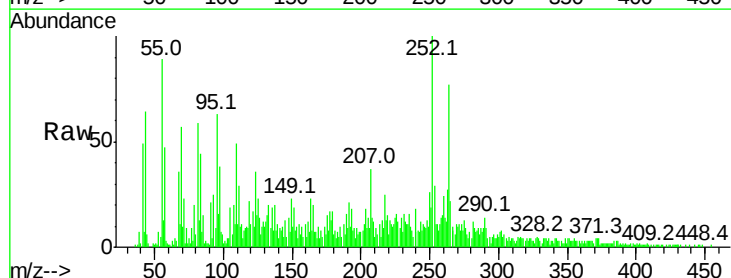
Tgt Ion:252 Resp: 64889

Ion Ratio Lower Upper

252 100

253 29.4 17.1 25.7#

125 23.0 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

