

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
 Data File : BG029422.D
 Acq On : 24 Oct 2017 13:22
 Operator : SJ/JU
 Sample : I5925-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB3L1

Quant Time: Oct 24 15:04:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 17 07:42:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	77024	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	363568	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	248319	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	608501	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	664906	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	668539	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	9045	4.77	ng/uL	0.00
5) Phenol-d5	7.32	99	188175	25.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	108628	23.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	143573	27.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	169414	28.37	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	77076	29.53	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	90550	33.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	173283	28.44	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.11	131	211887	29.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	588196	27.71	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	720221	27.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	83558	21.32	ng/ul	0.00
57) Fluorene-d10	15.77	176	534862	30.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	69798	23.50	ng/ul	-0.02
70) Anthracene-d10	17.62	188	839881	29.18	ng/ul	0.00
76) Pyrene-d10	19.89	212	974171	28.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	946986	29.91	ng/ul	-0.02

Target Compounds

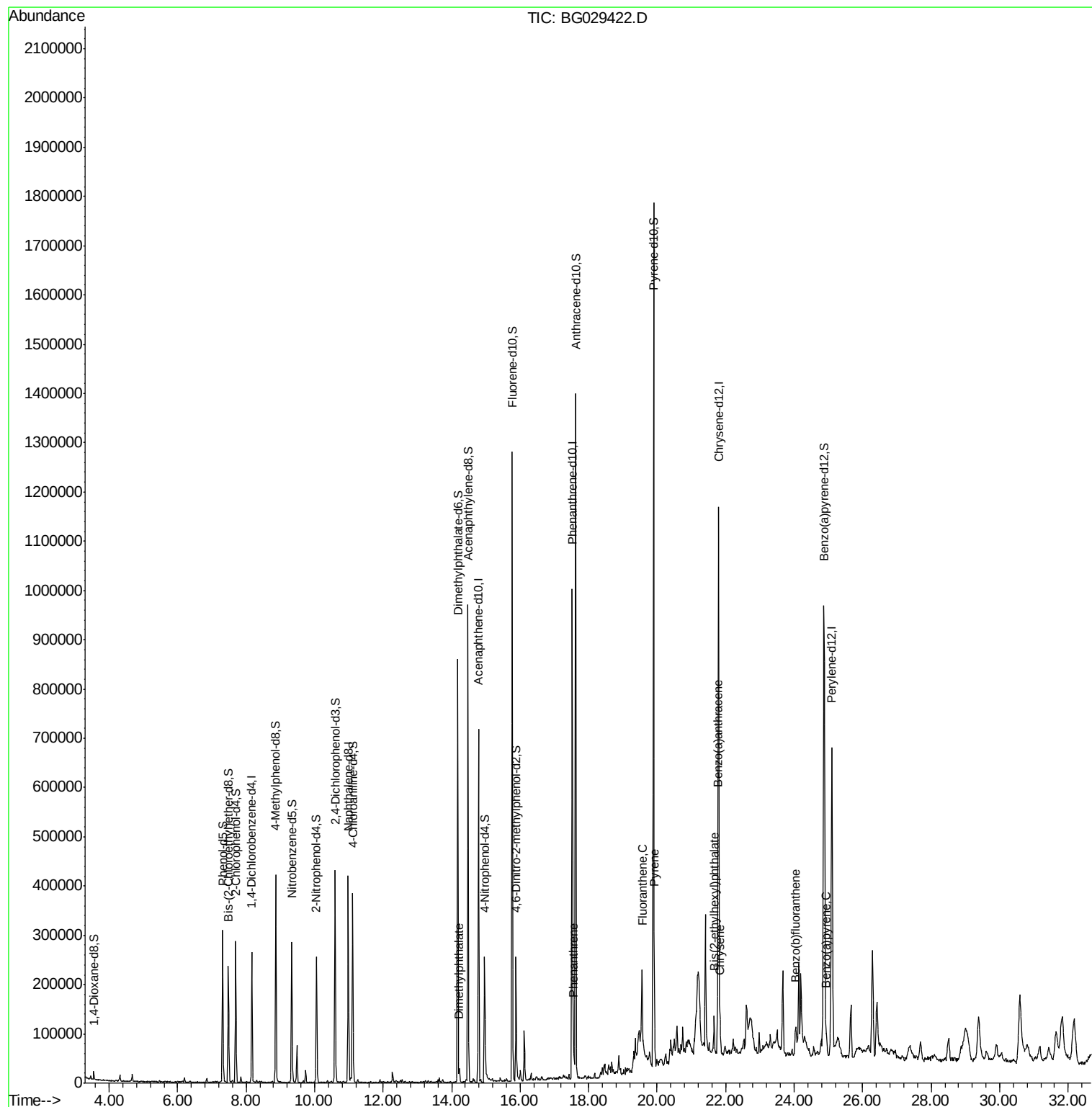
					Ovalue
44) Dimethylphthalate	14.23	163	22644	1.094 ng/ul	98
69) Phenanthrene	17.56	178	43662	1.327 ng/ul	96
74) Fluoranthene	19.56	202	95315	2.593 ng/ul	97
77) Pyrene	19.92	202	89704	2.013 ng/ul	98
80) Benzo(a)anthracene	21.77	228	55052	1.321 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.66	149	30854	1.178 ng/ul#	98
82) Chrysene	21.84	228	54373	1.436 ng/ul	96
85) Benzo(b)fluoranthene	24.05	252	70373	1.753 ng/ul	99
88) Benzo(a)pyrene	24.94	252	47417	1.214 ng/ul	99

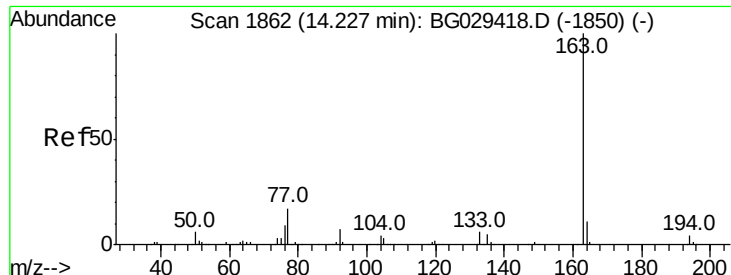
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 1.094 ng/ul

RT: 14.23 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG029422.D

Acq: 24 Oct 2017 13:22

Instrument :

BNA_G

ClientSampleId :

CB3L1

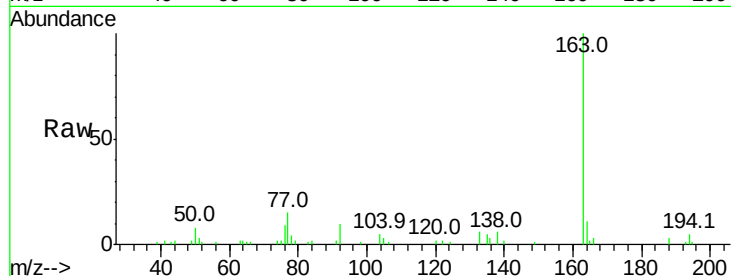
Tot Ion:163 Resp: 22644

Ion Ratio Lower Upper

163 100

194 4.7 3.5 5.3

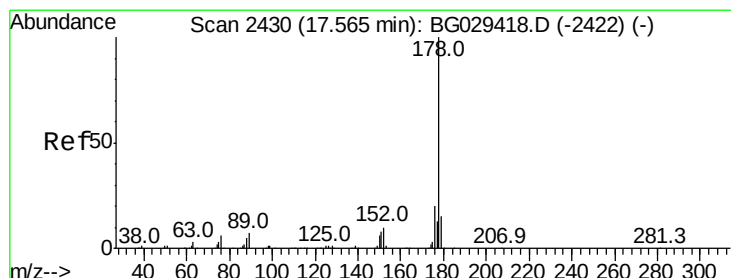
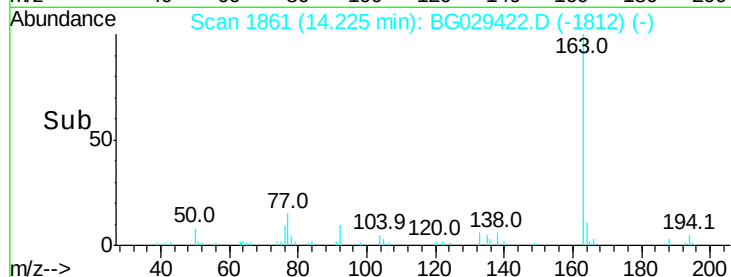
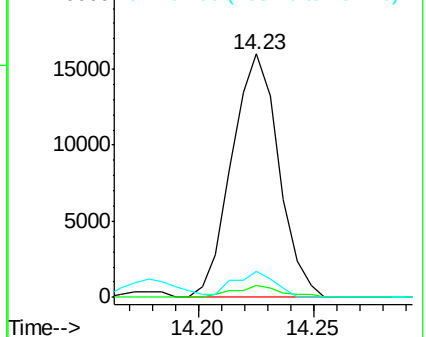
164 10.6 7.6 11.4



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: 1.327 ng/ul

RT: 17.56 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG029422.D

Acq: 24 Oct 2017 13:22

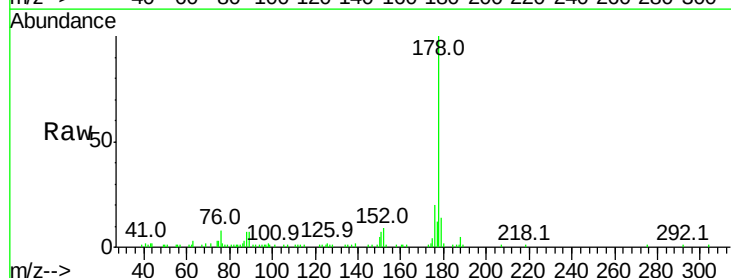
Tgt Ion:178 Resp: 43662

Ion Ratio Lower Upper

178 100

179 14.0 13.0 19.6

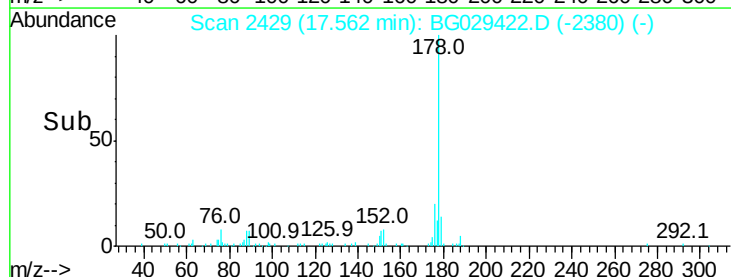
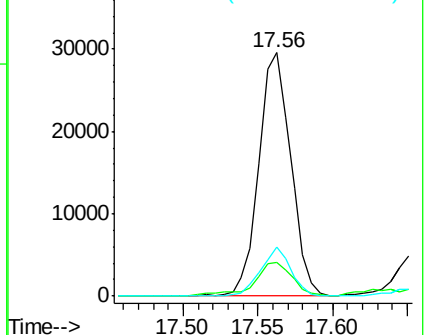
176 20.2 15.3 22.9

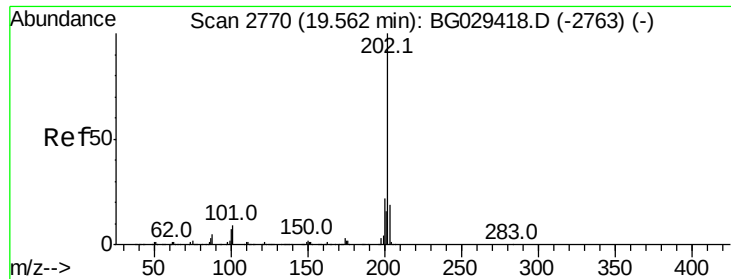


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.593 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BG029422.D

Acq: 24 Oct 2017 13:22

Instrument :

BNA_G

ClientSampleId :

CB3L1

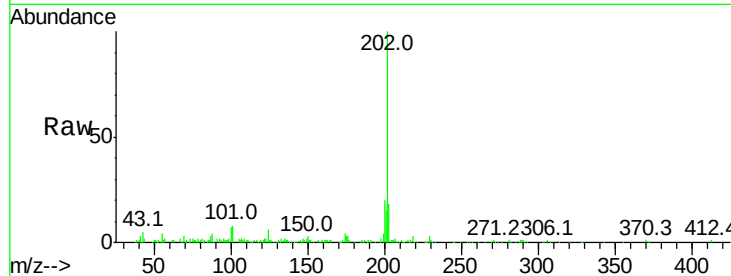
Tot Ion:202 Resp: 95315

Ion Ratio Lower Upper

202 100

101 7.5 7.4 11.2

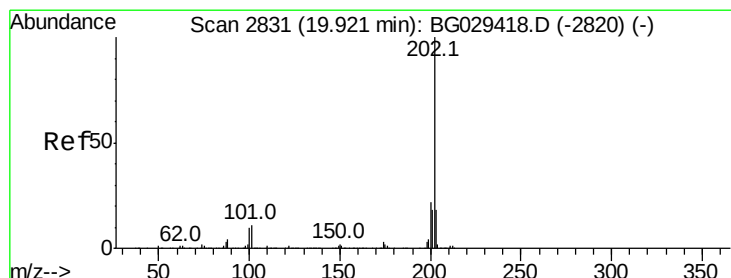
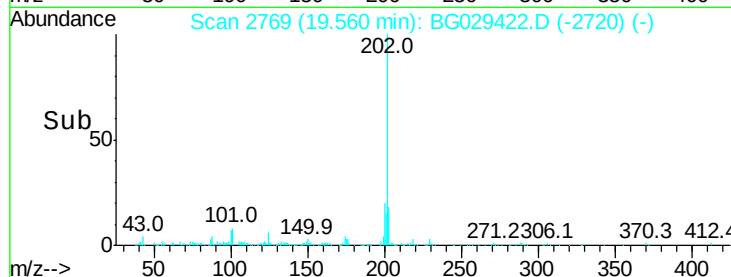
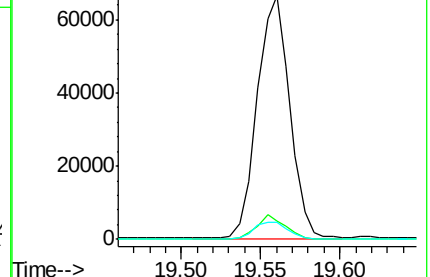
100 7.1 5.6 8.4



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: 2.013 ng/ul

RT: 19.92 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG029422.D

Acq: 24 Oct 2017 13:22

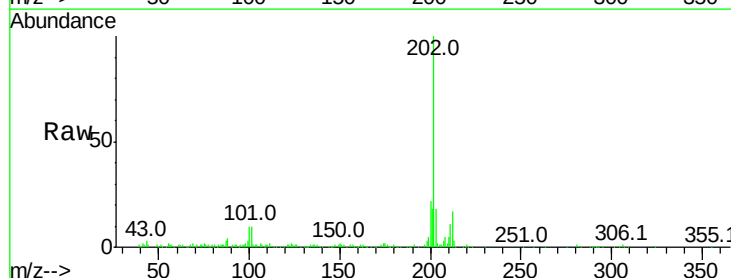
Tgt Ion:202 Resp: 89704

Ion Ratio Lower Upper

202 100

101 10.1 8.4 12.6

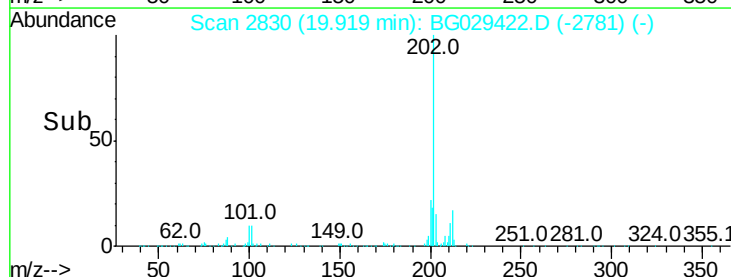
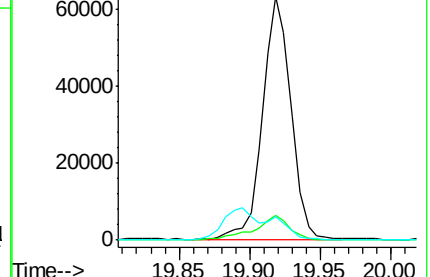
100 9.6 7.0 10.6

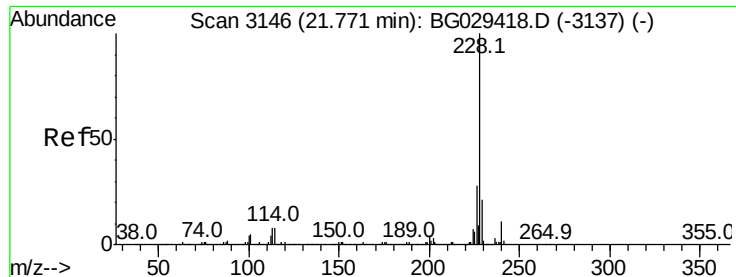


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.321 ng/ul

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG029422.D

Acq: 24 Oct 2017 13:22

Instrument :

BNA_G

ClientSampleId :

CB3L1

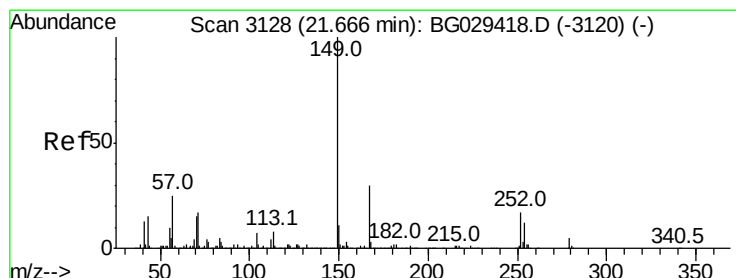
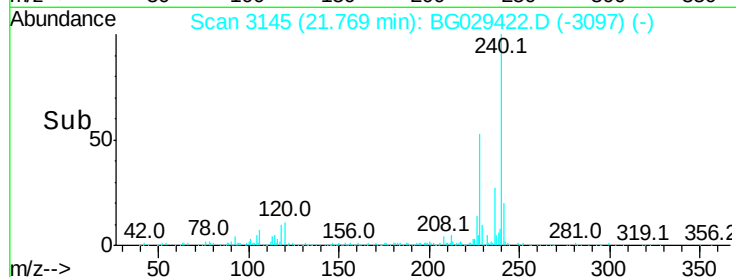
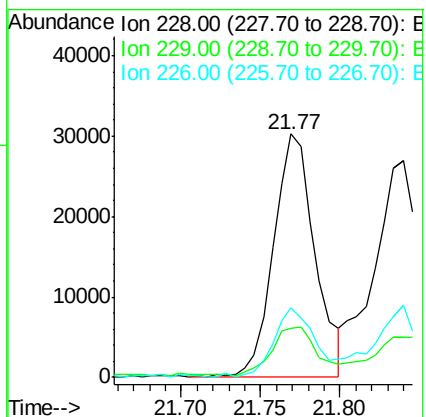
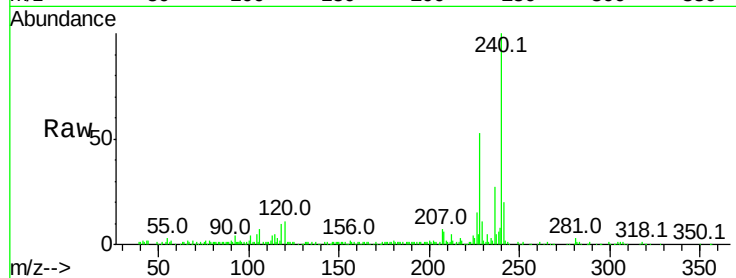
Tot Ion:228 Resp: 55052

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.4
226	28.4	22.2	33.2

228 100

229 20.3 16.2 24.4

226 28.4 22.2 33.2



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.178 ng/ul

RT: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG029422.D

Acq: 24 Oct 2017 13:22

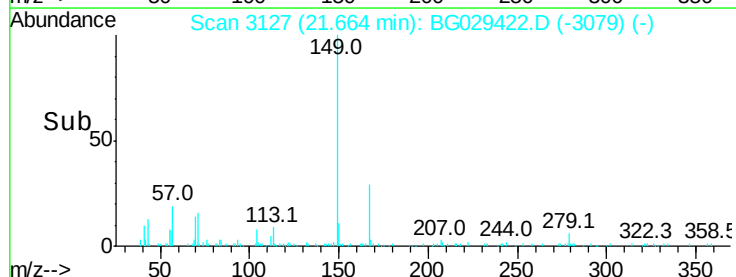
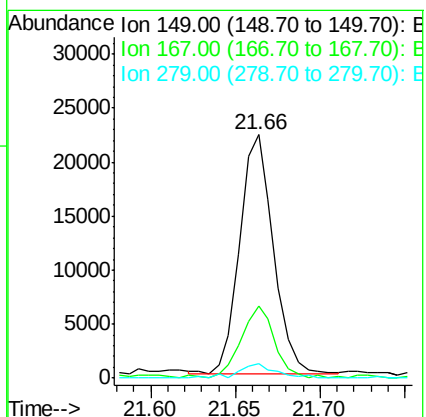
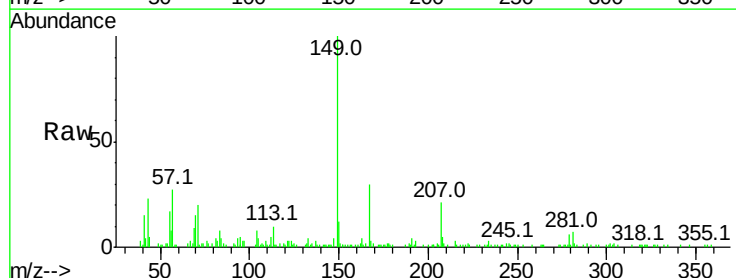
Tgt Ion:149 Resp: 30854

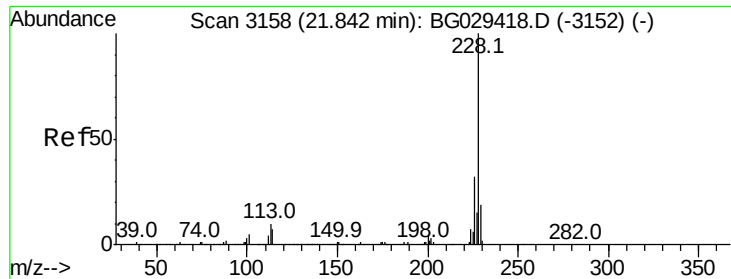
Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.2	34.8
279	6.2	3.1	4.7#

149 100

167 29.8 23.2 34.8

279 6.2 3.1 4.7#





#82

Chrysene

Concen: 1.436 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG029422.D

Acq: 24 Oct 2017 13:22

Instrument :

BNA_G

ClientSampleId :

CB3L1

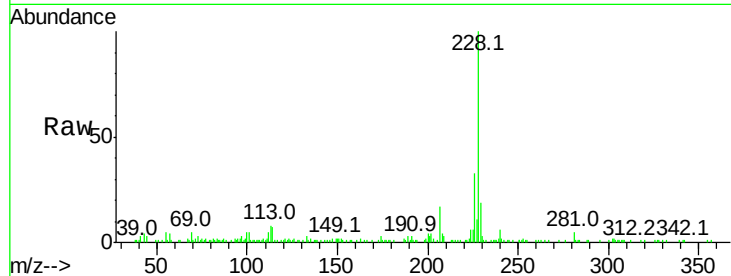
Tot Ion:228 Resp: 54373

Ion Ratio Lower Upper

228 100

226 33.1 24.2 36.2

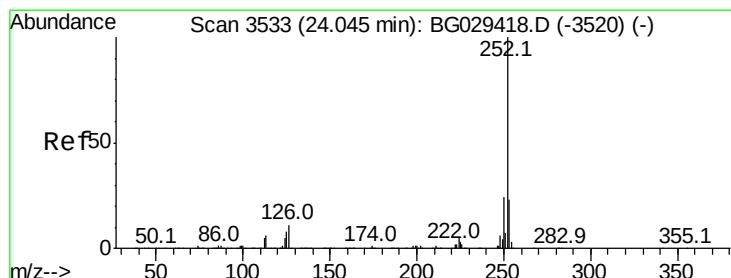
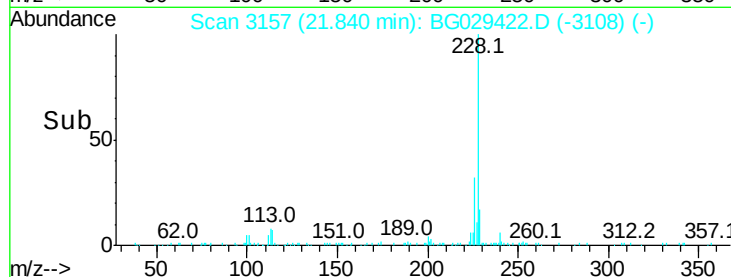
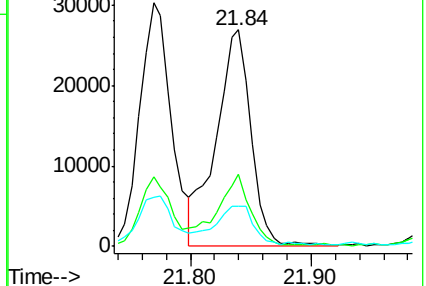
229 18.6 15.2 22.8



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: 1.753 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG029422.D

Acq: 24 Oct 2017 13:22

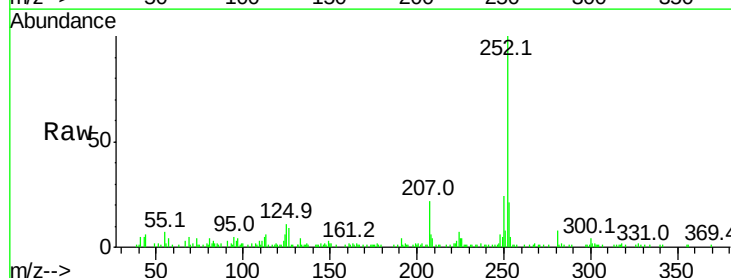
Tgt Ion:252 Resp: 70373

Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.4

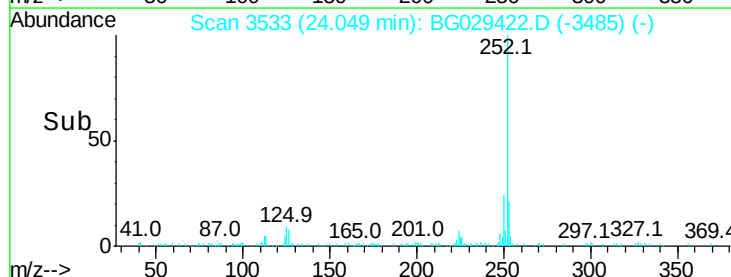
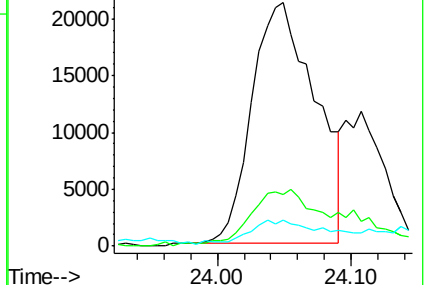
125 10.7 7.5 11.3

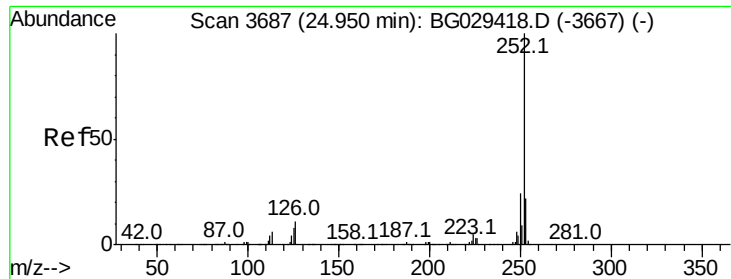


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.214 ng/ul

RT: 24.94 min Scan# 3684

Delta R.T. -0.03 min

Lab File: BG029422.D

Acq: 24 Oct 2017 13:22

Instrument :

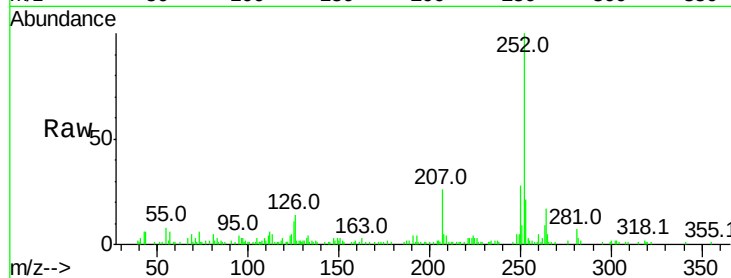
BNA_G

ClientSampleId :

CB3L1

Tot Ion:252 Resp: 47417

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	10.8	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

