

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101417\
 Data File : BG029217.D
 Acq On : 14 Oct 2017 8:09
 Operator : SJ/JU
 Sample : I5574-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0BZ7

Quant Time: Oct 14 23:48:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 06:44:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	96770	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	420590	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	253421	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	609032	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	588133	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	578607	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	12839	5.39	ng/uL	0.00
5) Phenol-d5	7.32	99	259270	27.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	170688	29.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	193527	29.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	213899	28.51	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	101097	33.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	104524	33.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	199545	28.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	249978	30.52	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	677026	31.25	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	811444	30.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	107556	26.89	ng/ul	0.00
57) Fluorene-d10	15.78	176	577814	32.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	79281	26.67	ng/ul	0.00
70) Anthracene-d10	17.62	188	879164	30.52	ng/ul	0.00
76) Pyrene-d10	19.89	212	917988	30.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	811980	29.63	ng/ul	0.00

Target Compounds

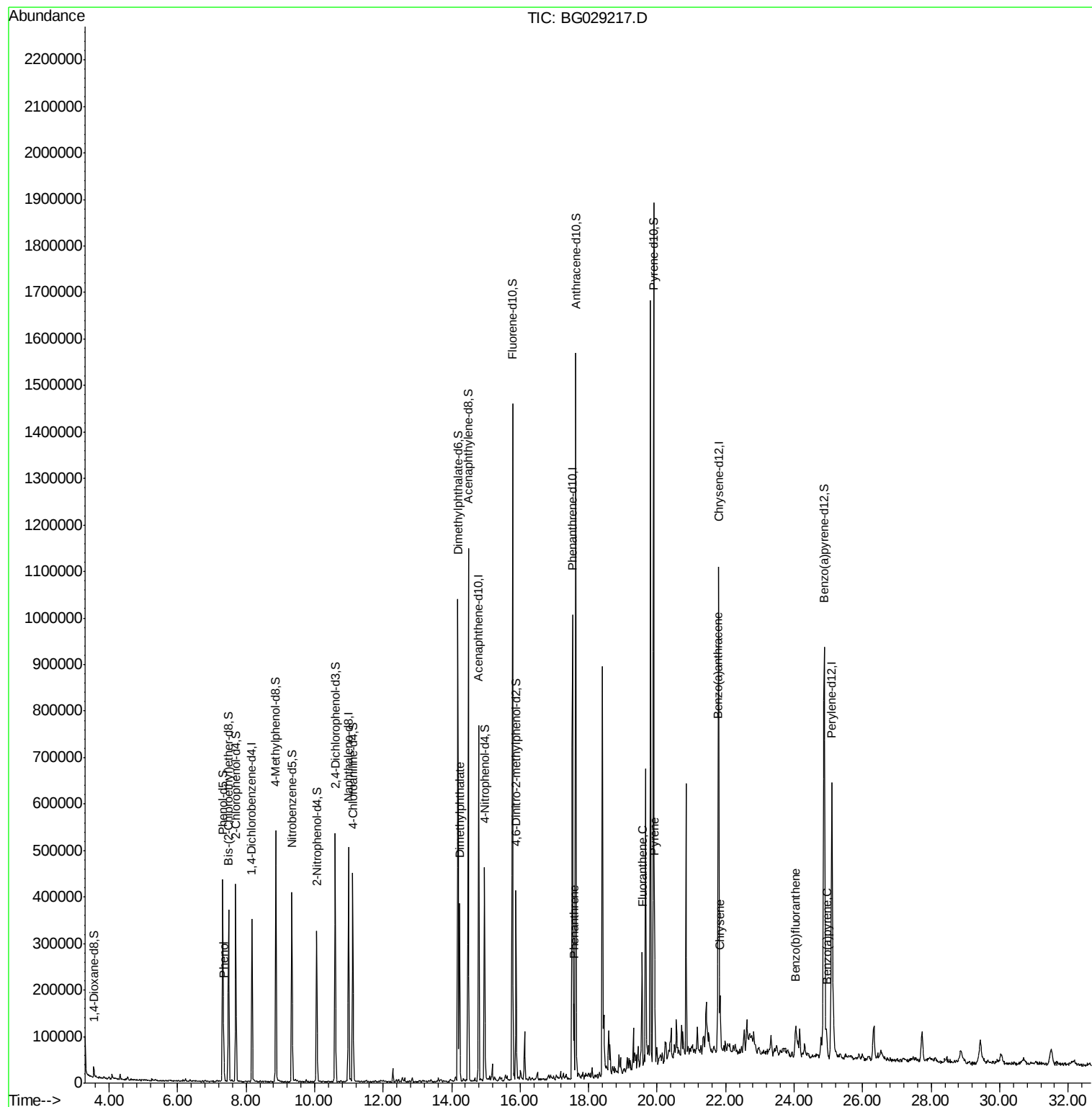
					Ovalue	
6) Phenol	7.34	94	51330	5.341	ng/ul#	86
44) Dimethylphthalate	14.23	163	237033	11.217	ng/ul	98
69) Phenanthrene	17.56	178	102156	3.103	ng/ul	95
74) Fluoranthene	19.56	202	134043	3.643	ng/ul#	92
77) Pyrene	19.92	202	166857	4.233	ng/ul#	89
80) Benzo(a)anthracene	21.77	228	64022	1.737	ng/ul	94
82) Chrysene	21.84	228	88428	2.640	ng/ul	96
85) Benzo(b)fluoranthene	24.05	252	77160	2.221	ng/ul#	92
88) Benzo(a)pyrene	24.95	252	58591	1.733	ng/ul#	85

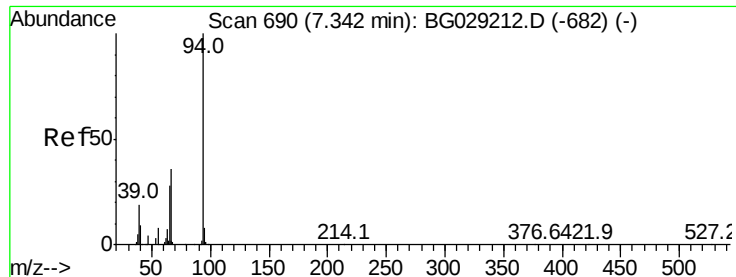
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.341 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG029217.D

Acq: 14 Oct 2017 8:09

Instrument :

BNA_G

ClientSampleId :

B0BZ7

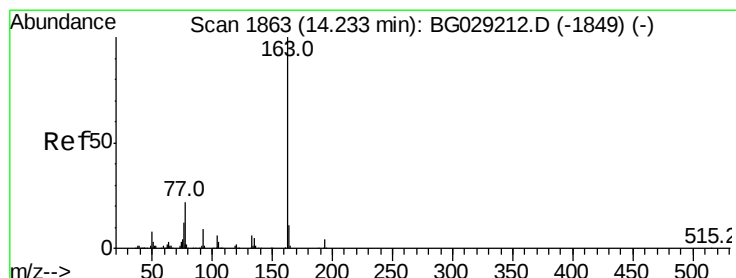
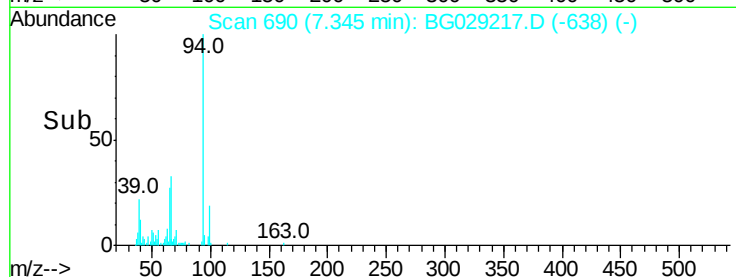
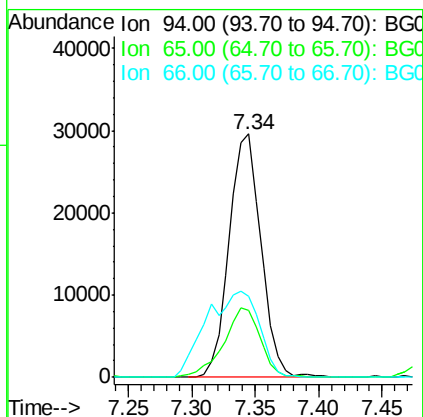
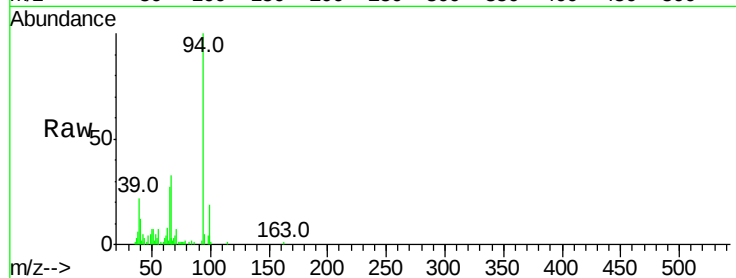
Tot Ion: 94 Resp: 51330

Ion Ratio Lower Upper

94 100

65 27.3 27.1 40.7

66 33.5 34.6 52.0#



#44

Dimethylphthalate

Concen: 11.217 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG029217.D

Acq: 14 Oct 2017 8:09

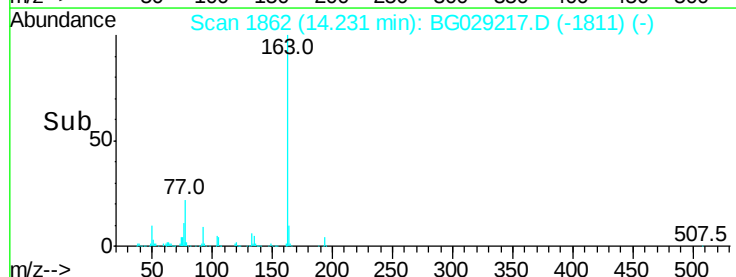
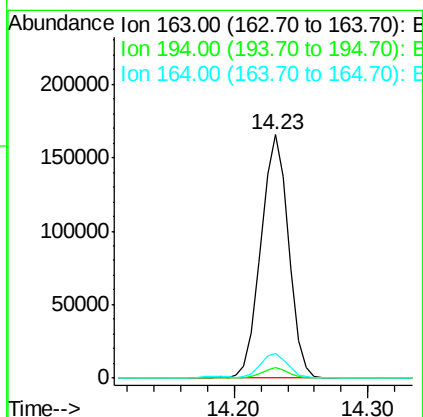
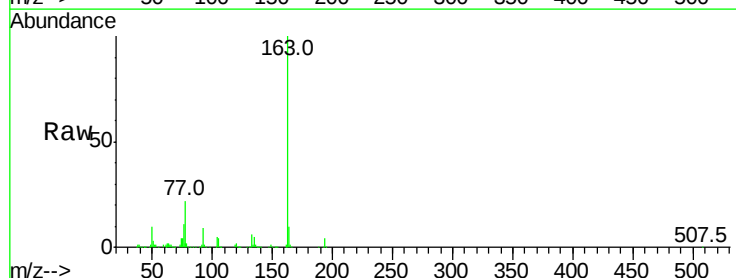
Tgt Ion:163 Resp: 237033

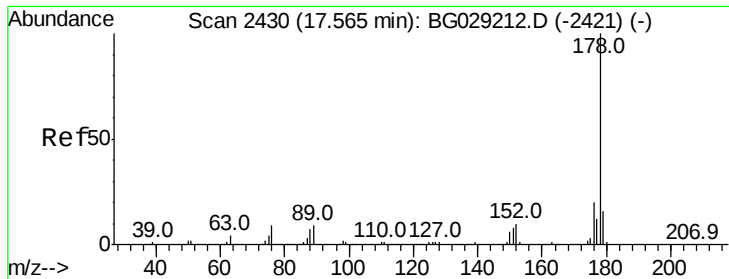
Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 10.2 7.6 11.4





#69

Phenanthrene

Concen: 3.103 ng/ul

RT: 17.56 min Scan# 2429

Delta R.T. -0.00 min

Lab File: BG029217.D

Acq: 14 Oct 2017 8:09

Instrument :

BNA_G

ClientSampleId :

B0BZ7

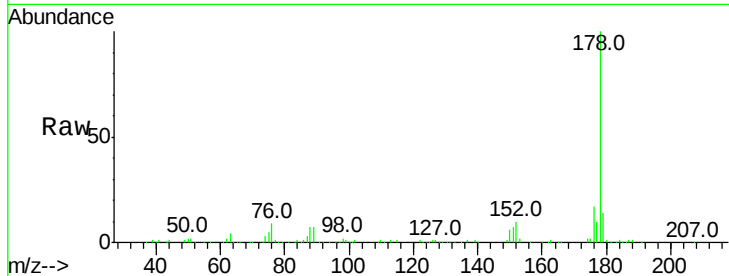
Tot Ion:178 Resp: 102156

Ion Ratio Lower Upper

178 100

179 14.4 13.0 19.6

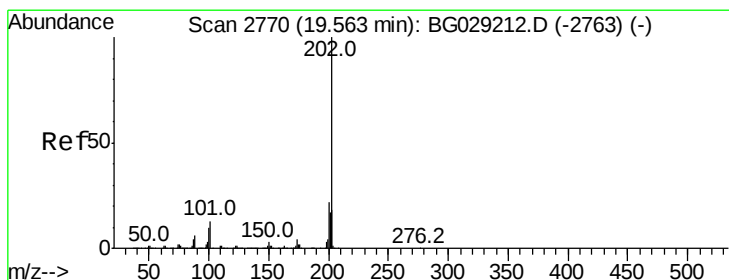
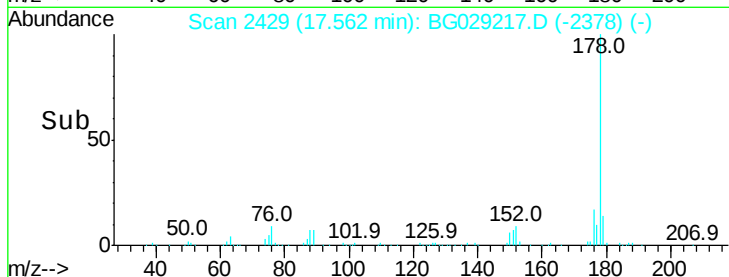
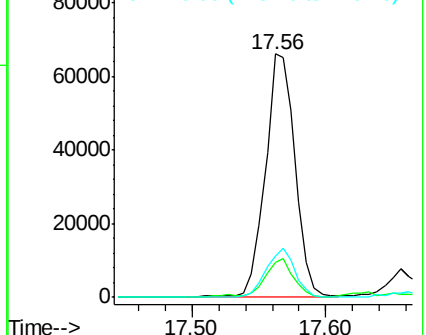
176 17.0 15.3 22.9



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: 3.643 ng/ul

RT: 19.56 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG029217.D

Acq: 14 Oct 2017 8:09

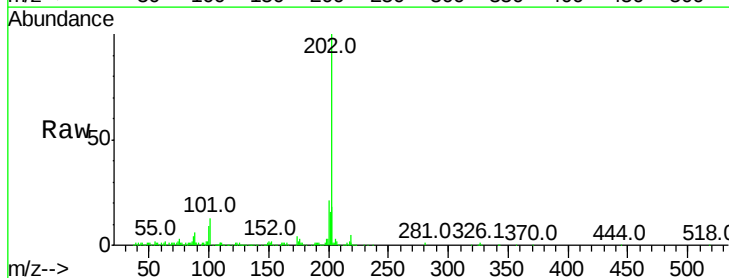
Tgt Ion:202 Resp: 134043

Ion Ratio Lower Upper

202 100

101 12.9 7.4 11.2#

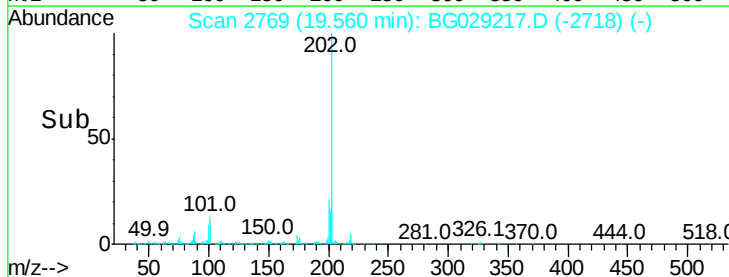
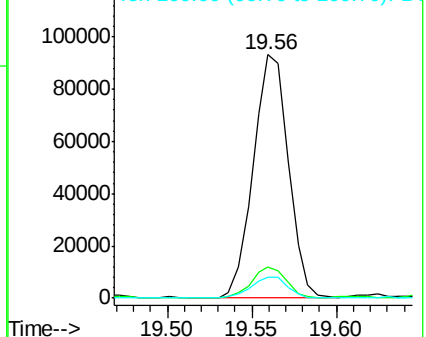
100 8.6 5.6 8.4#

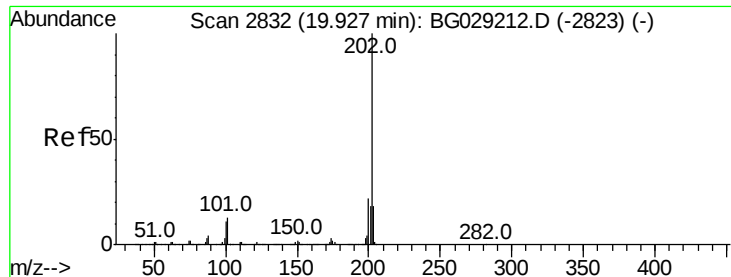


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 4.233 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG029217.D

Acq: 14 Oct 2017 8:09

Instrument :

BNA_G

ClientSampleId :

B0BZ7

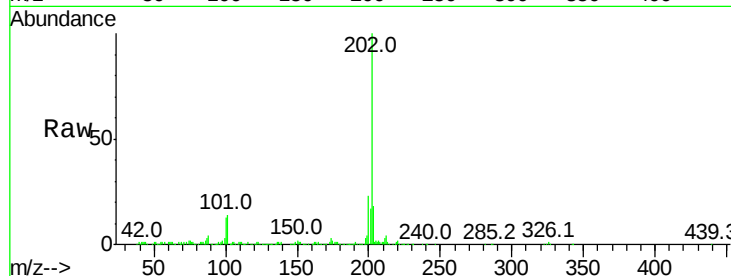
Tot Ion:202 Resp: 166857

Ion Ratio Lower Upper

202 100

101 14.2 8.4 12.6#

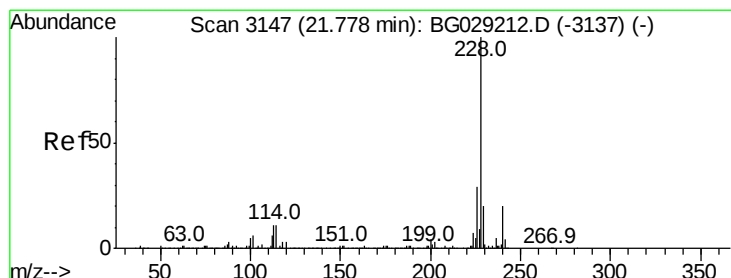
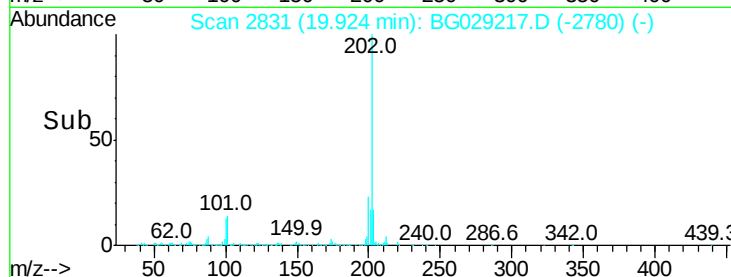
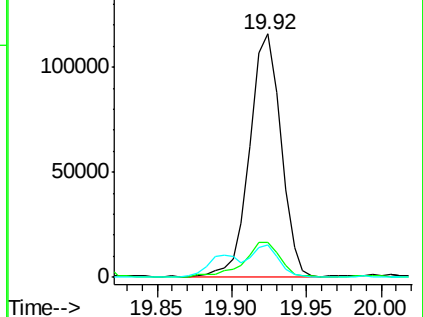
100 13.1 7.0 10.6#



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): E



#80

Benzo(a)anthracene

Concen: 1.737 ng/ul

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG029217.D

Acq: 14 Oct 2017 8:09

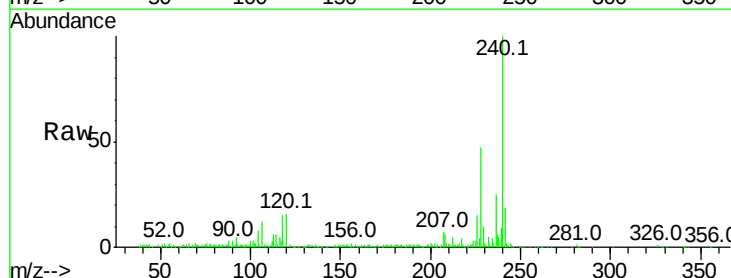
Tgt Ion:228 Resp: 64022

Ion Ratio Lower Upper

228 100

229 21.7 16.2 24.4

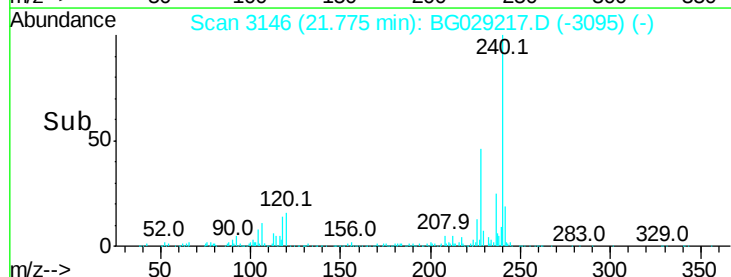
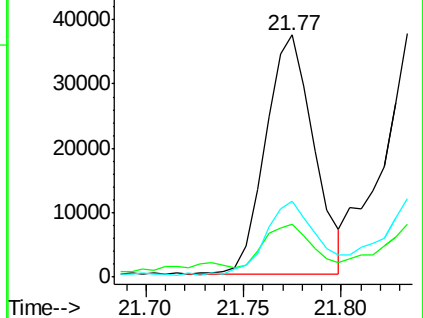
226 31.6 22.2 33.2

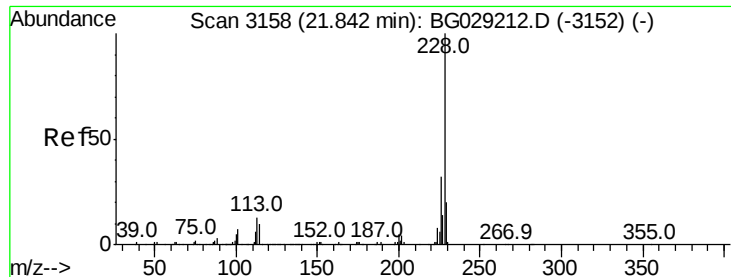


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.640 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG029217.D

Acq: 14 Oct 2017 8:09

Instrument :

BNA_G

ClientSampleId :

B0BZ7

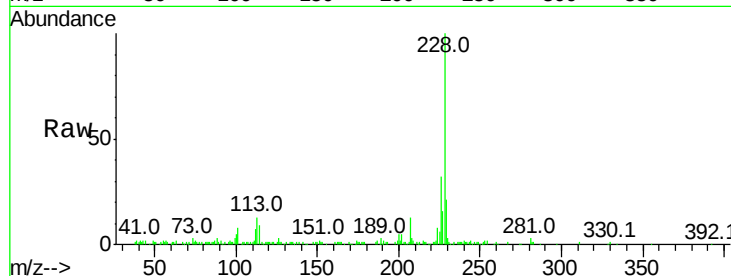
Tot Ion:228 Resp: 88428

Ion Ratio Lower Upper

228 100

226 31.8 24.2 36.2

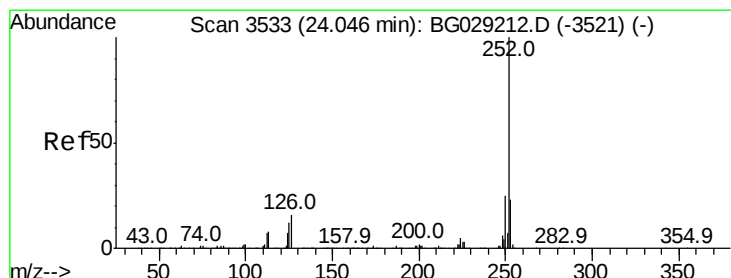
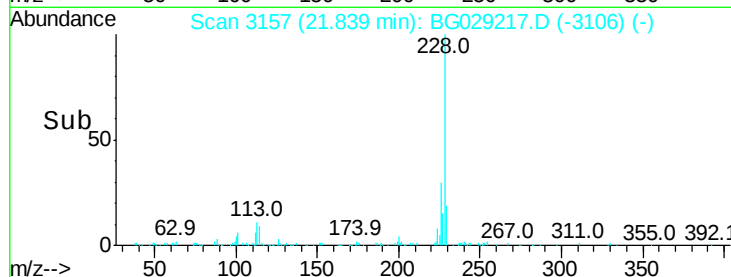
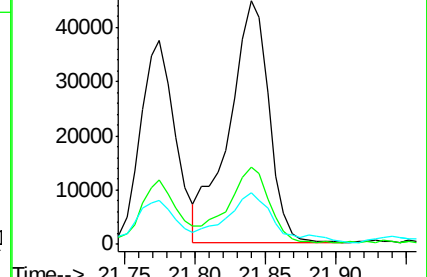
229 21.3 15.2 22.8



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: 2.221 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. 0.00 min

Lab File: BG029217.D

Acq: 14 Oct 2017 8:09

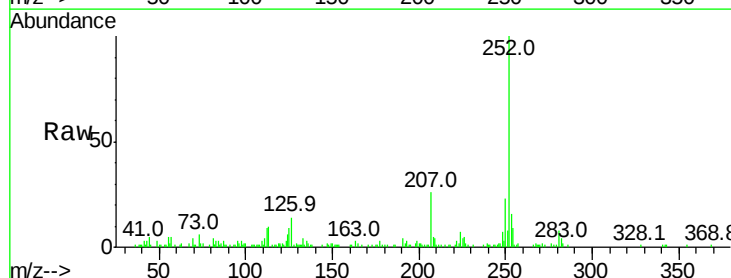
Tgt Ion:252 Resp: 77160

Ion Ratio Lower Upper

252 100

253 16.5 17.0 25.4#

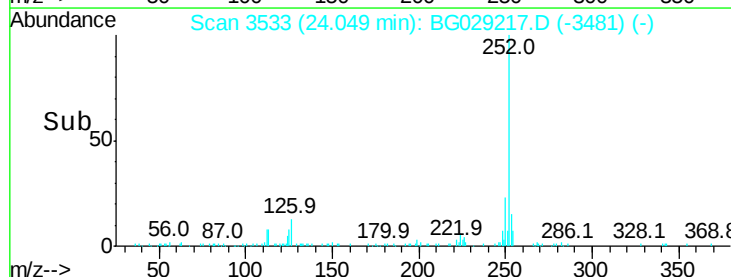
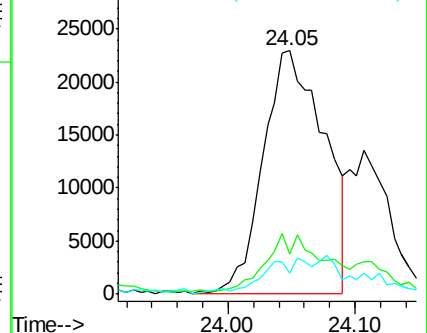
125 8.7 7.5 11.3

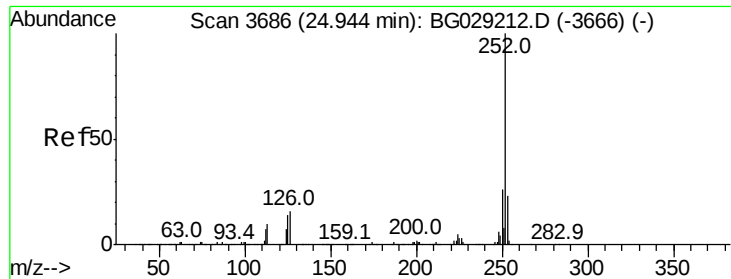


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.733 ng/ul

RT: 24.95 min Scan# 3686

Delta R.T. 0.00 min

Lab File: BG029217.D

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B0BZ7

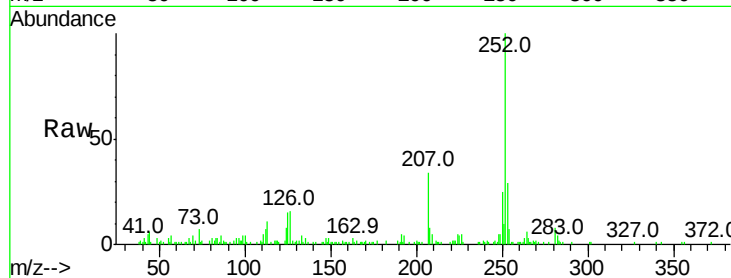
Tot Ion:252 Resp: 58591

Ion Ratio Lower Upper

252 100

253 28.7 17.1 25.7#

125 15.0 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

