

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
 Data File : BG029423.D
 Acq On : 24 Oct 2017 14:02
 Operator : SJ/JU
 Sample : I5925-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 19:15:40 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	8.16	152	62764	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	302197	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	208228	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	518976	20.00	ng/ul	-0.01
75) Chrysene-d12	21.79	240	573865	20.00	ng/ul	-0.01
83) Perylene-d12	25.10	264	568956	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	7294	4.72	ng/uL	0.00
5) Phenol-d5	7.31	99	146225	24.27	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	84687	22.47	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.69	132	114464	26.94	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	126366	25.97	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	58530	26.98	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	68239	30.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	131392	25.94	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	166377	28.27	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	447128	25.12	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	550012	25.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	60038	18.27	ng/ul	0.00
57) Fluorene-d10	15.77	176	408487	28.02	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.88	200	47952	18.93	ng/ul	-0.01
70) Anthracene-d10	17.62	188	640071	26.08	ng/ul	-0.01
76) Pyrene-d10	19.89	212	738605	24.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	721134	26.76	ng/ul	-0.02

Target Compounds

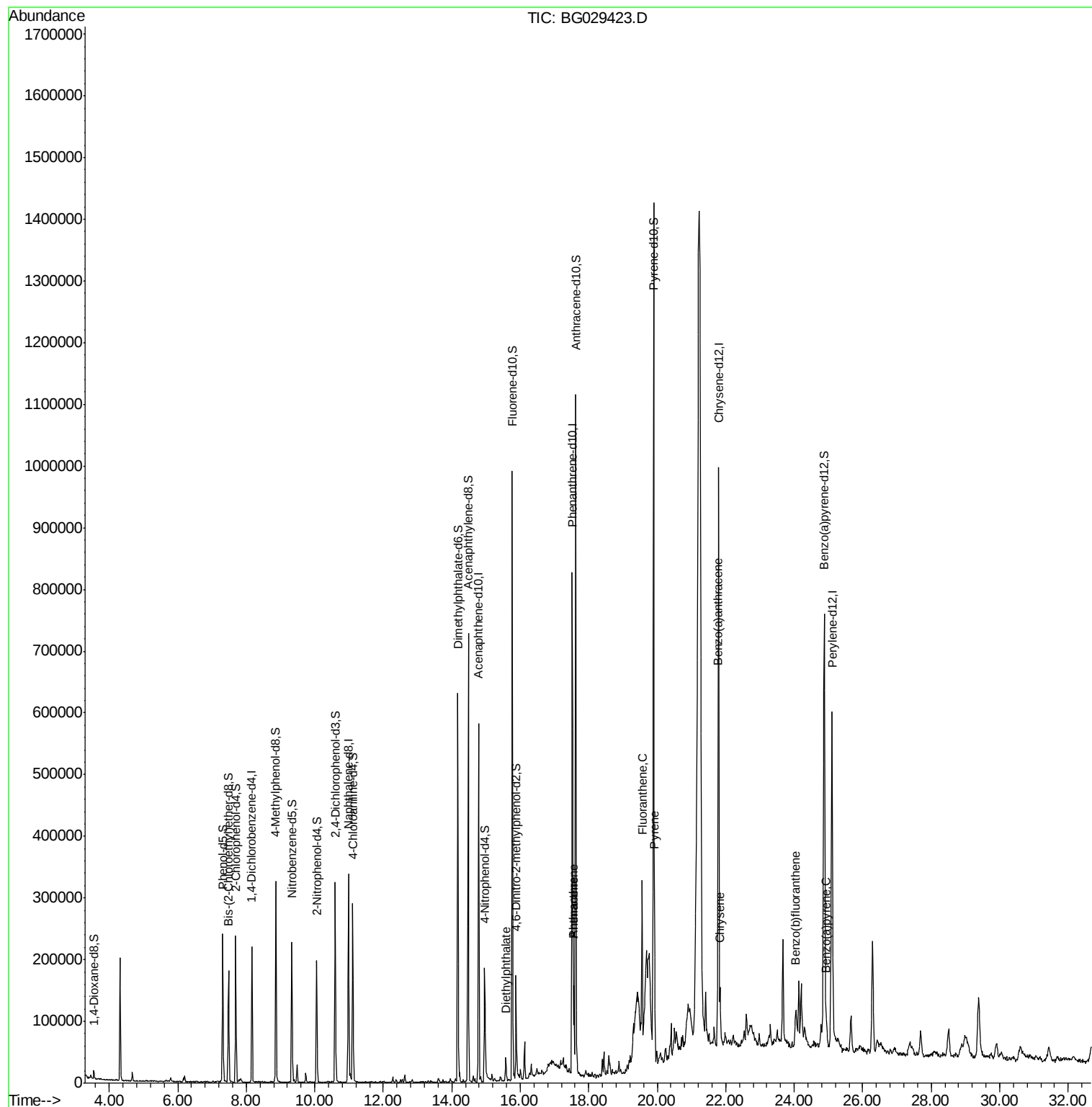
					Ovalue
56) Diethylphthalate	15.58	149	21621	1.208 ng/ul	98
69) Phenanthrene	17.56	178	95211	3.394 ng/ul	96
71) Anthracene	17.56	178	95211	3.289 ng/ul	97
74) Fluoranthene	19.56	202	159992	5.103 ng/ul	99
77) Pyrene	19.92	202	140827	3.662 ng/ul	97
80) Benzo(a)anthracene	21.77	228	69468	1.932 ng/ul	98
82) Chrysene	21.84	228	69342	2.122 ng/ul	99
85) Benzo(b)fluoranthene	24.05	252	80671	2.362 ng/ul	97
88) Benzo(a)pyrene	24.94	252	45936	1.382 ng/ul#	96

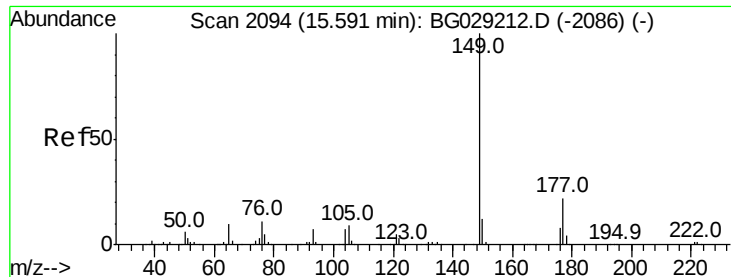
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#56

Diethylphthalate

Concen: 1.208 ng/ul

RT: 15.58 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BG029423.D

Acq: 24 Oct 2017 14:02

Instrument :

BNA_G

ClientSampleId :

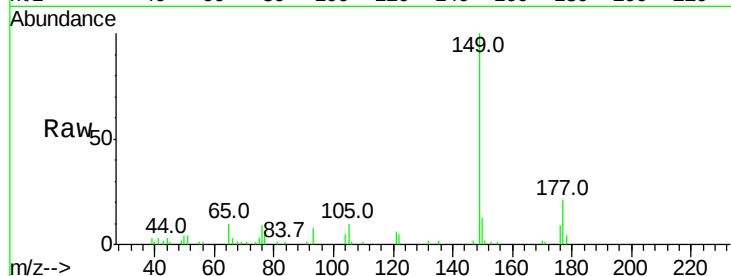
Tot Ion:149 Resp: 21621

Ion Ratio Lower Upper

149 100

177 21.1 17.8 26.6

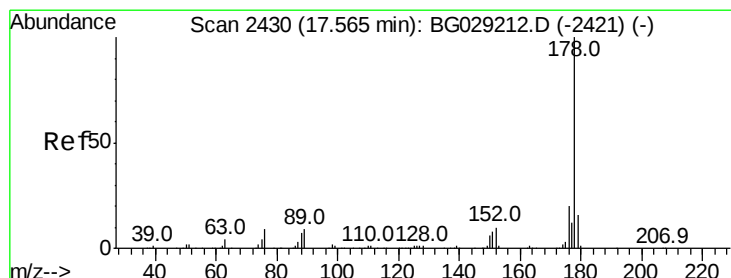
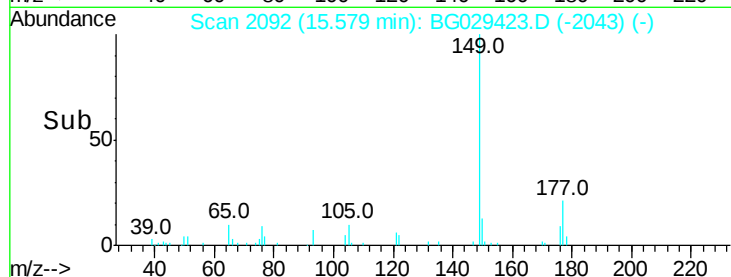
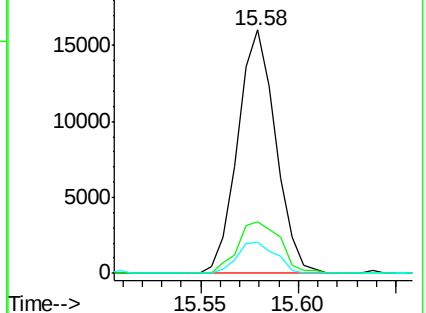
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#69

Phenanthrene

Concen: 3.394 ng/ul

RT: 17.56 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG029423.D

Acq: 24 Oct 2017 14:02

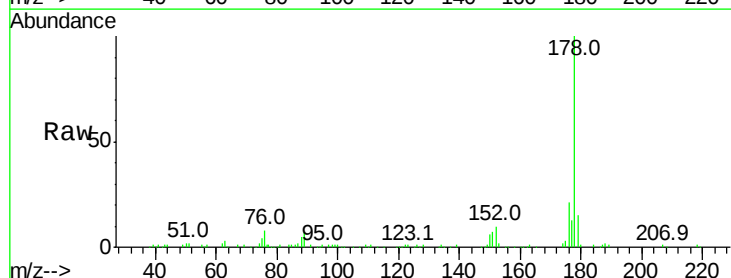
Tgt Ion:178 Resp: 95211

Ion Ratio Lower Upper

178 100

179 15.2 13.0 19.6

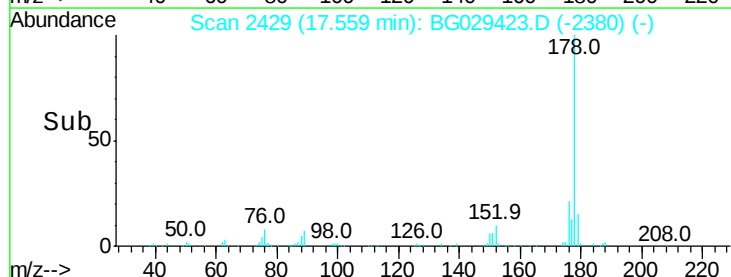
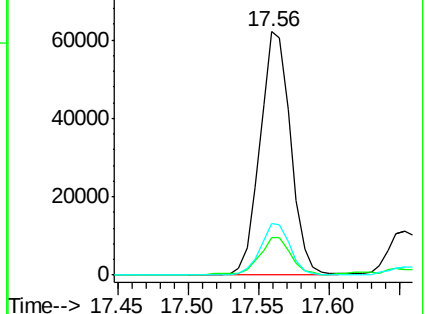
176 21.3 15.3 22.9

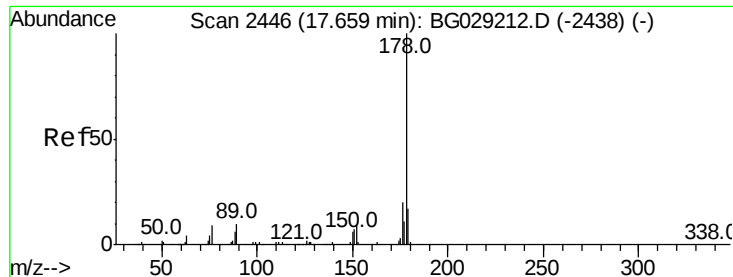


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

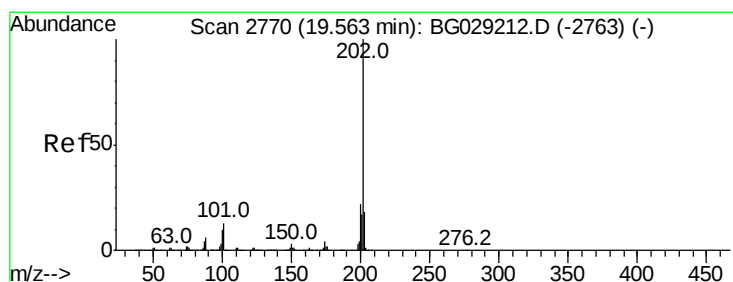
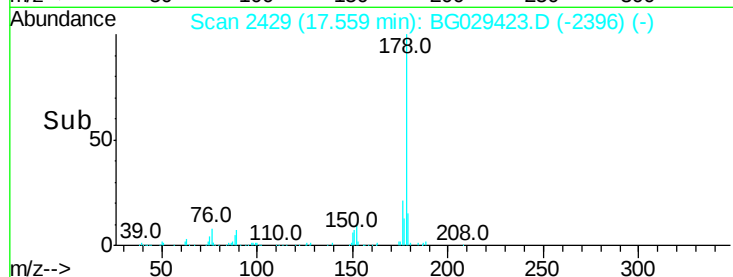
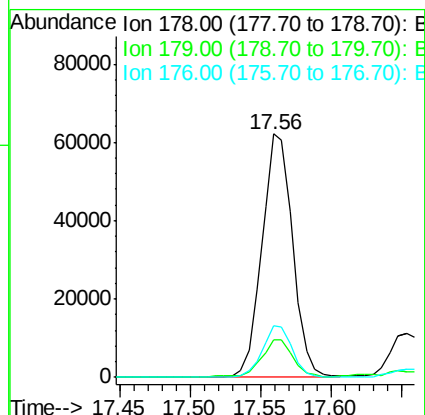
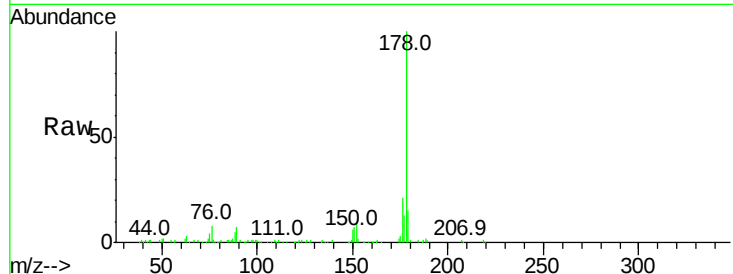




#71
 Anthracene
 Concen: 3.289 ng/ul
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.11 min
 Lab File: BG029423.D
 Acq: 24 Oct 2017 14:02

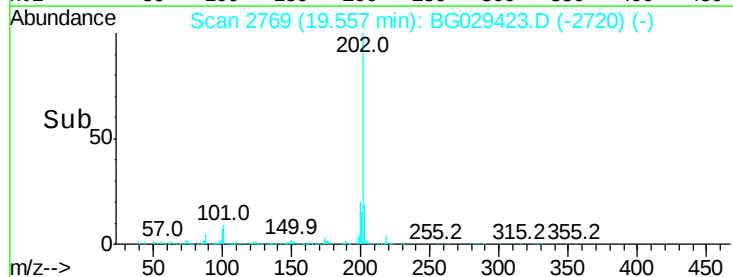
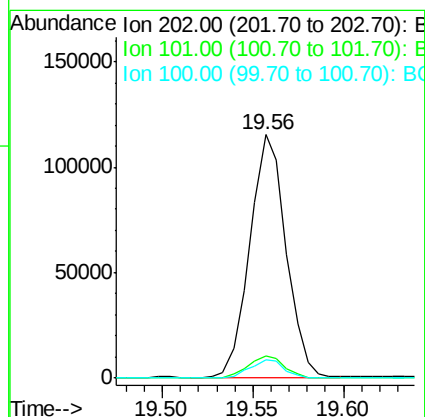
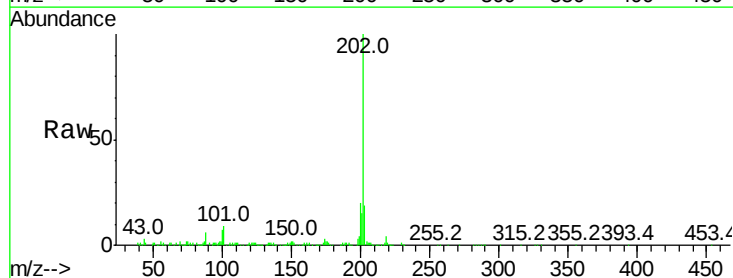
Instrument :
 BNA_G
 ClientSampleId :

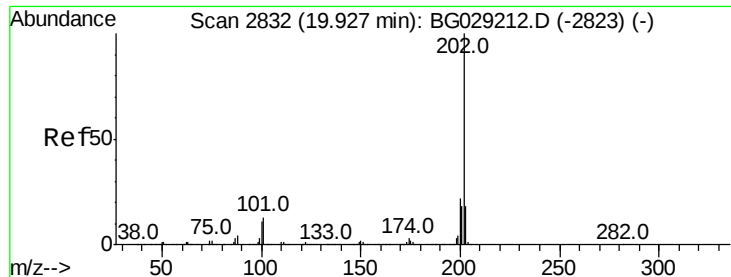
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.2	19.8
176	21.3	16.0	24.0



#74
 Fluoranthene
 Concen: 5.103 ng/ul
 RT: 19.56 min Scan# 2769
 Delta R.T. -0.01 min
 Lab File: BG029423.D
 Acq: 24 Oct 2017 14:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.4	11.2
100	7.4	5.6	8.4





#77

Pvrene

Concen: 3.662 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029423.D

Acq: 24 Oct 2017 14:02

Instrument :

BNA_G

ClientSampleId :

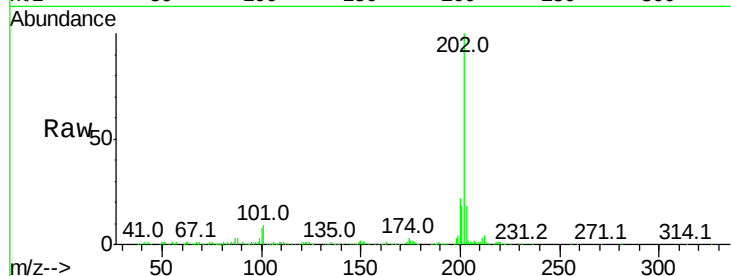
Tot Ion:202 Resp: 140827

Ion Ratio Lower Upper

202 100

101 9.3 8.4 12.6

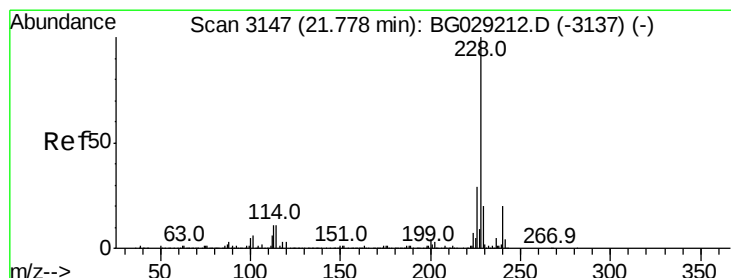
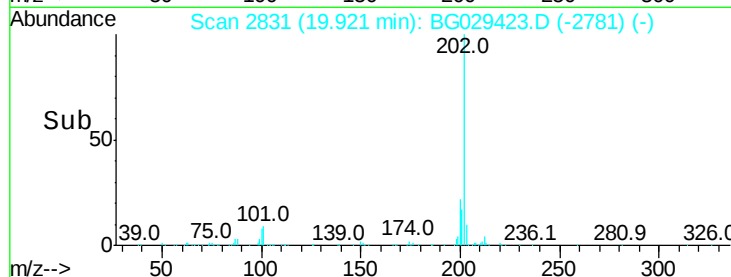
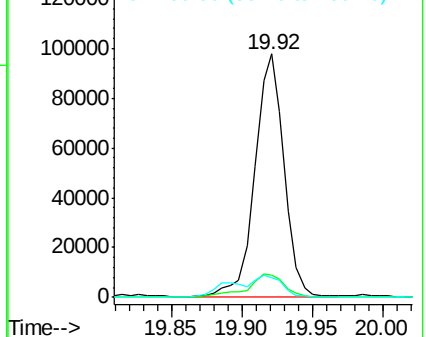
100 8.1 7.0 10.6



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: 1.932 ng/ul

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG029423.D

Acq: 24 Oct 2017 14:02

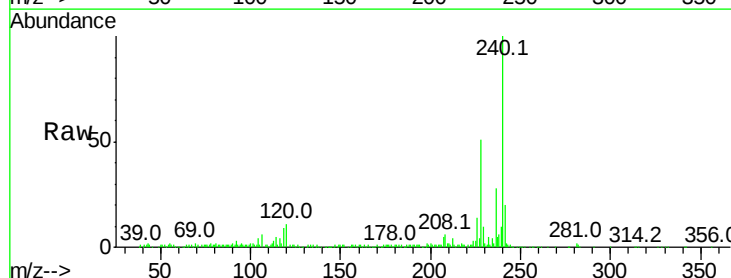
Tgt Ion:228 Resp: 69468

Ion Ratio Lower Upper

228 100

229 19.1 16.2 24.4

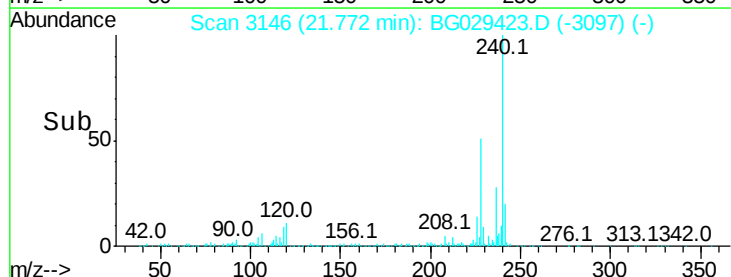
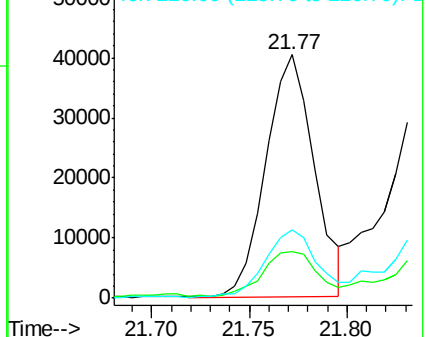
226 28.2 22.2 33.2

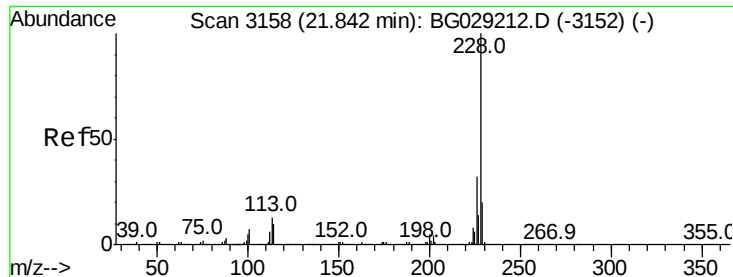


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.122 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG029423.D

Acq: 24 Oct 2017 14:02

Instrument :

BNA_G

ClientSampleId :

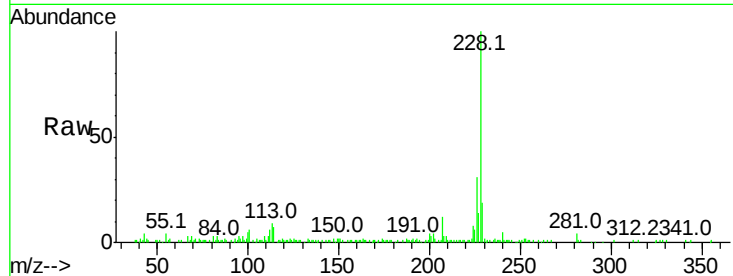
Tot Ion:228 Resp: 69342

Ion Ratio Lower Upper

228 100

226 31.0 24.2 36.2

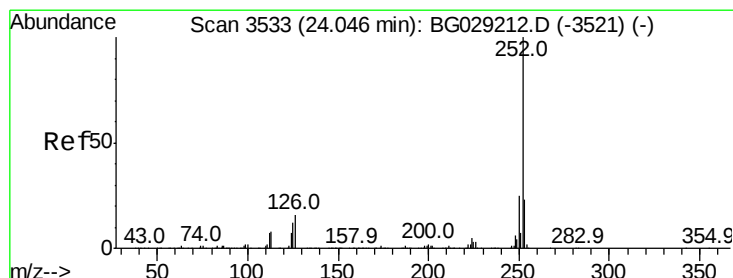
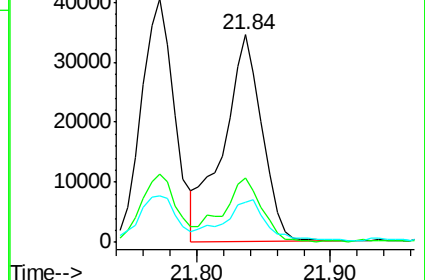
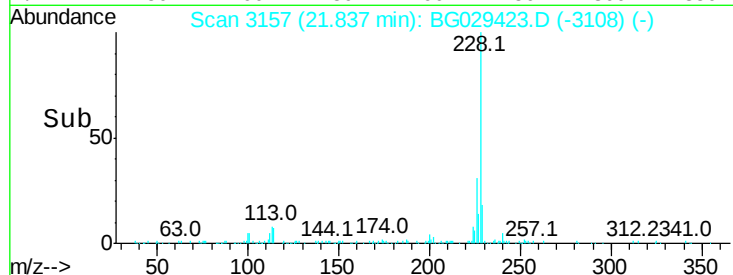
229 19.2 15.2 22.8



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: 2.362 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG029423.D

Acq: 24 Oct 2017 14:02

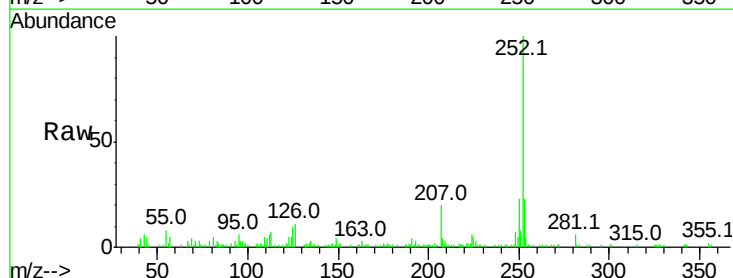
Tgt Ion:252 Resp: 80671

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

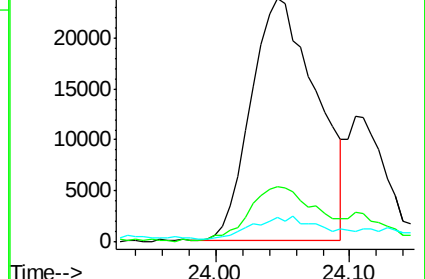
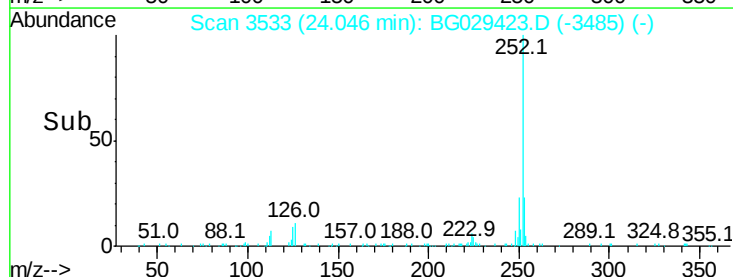
125 10.2 7.5 11.3

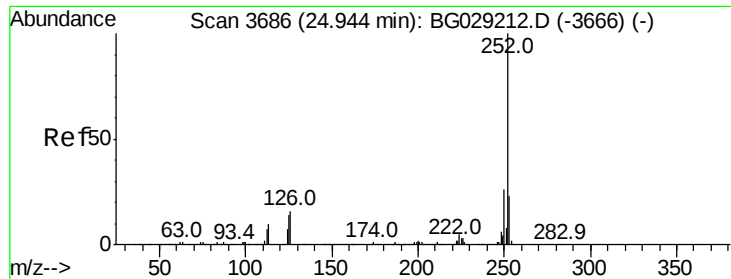


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.382 ng/ul

RT: 24.94 min Scan# 3685

Delta R.T. -0.02 min

Lab File: BG029423.D

Acq: 24 Oct 2017 14:02

Instrument :

BNA_G

ClientSampleId :

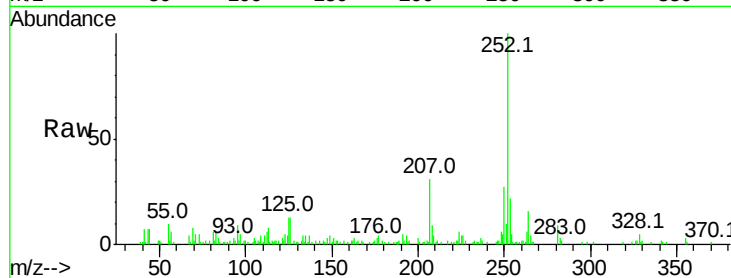
Tot Ion:252 Resp: 45936

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

125 12.7 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

