

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102517\
 Data File : BG029473.D
 Acq On : 26 Oct 2017 11:39
 Operator : SJ/JU
 Sample : I5792-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0D30

Quant Time: Oct 26 17:26:39 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	92859	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	423975	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	262882	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	567787	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	586070	20.00	ng/ul	0.00
83) Perylene-d12	25.13	264	616158	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	14865	6.51	ng/uL	0.00
5) Phenol-d5	7.32	99	301100	33.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	191935	34.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	257394	40.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	213685	29.69	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	135751	44.60	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	161179	51.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	283768	39.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	295969	35.85	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	872954	38.84	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1121509	41.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	98735	23.80	ng/ul	0.00
57) Fluorene-d10	15.78	176	790139	42.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	97972	35.35	ng/ul	0.00
70) Anthracene-d10	17.63	188	1116670	41.58	ng/ul	0.00
76) Pyrene-d10	19.90	212	1262310	41.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.90	264	1254770	43.00	ng/ul	0.02

Target Compounds

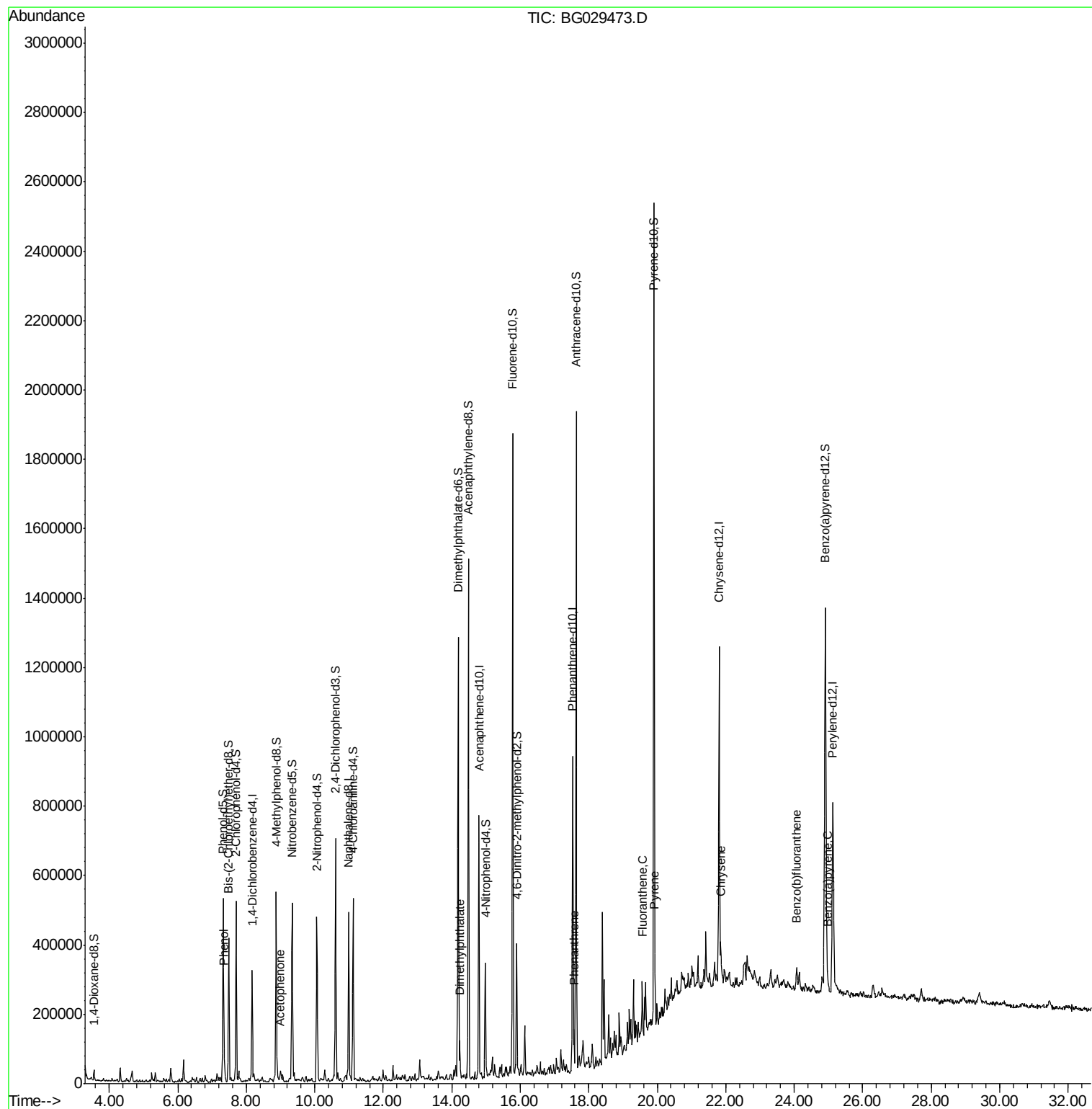
					Ovalue
6) Phenol	7.35	94	41089	4.455 ng/ul	95
14) Acetophenone	8.99	105	16855	1.533 ng/ul	86
44) Dimethylphthalate	14.23	163	63183	2.882 ng/ul	98
69) Phenanthrene	17.57	178	75934	2.474 ng/ul	99
74) Fluoranthene	19.57	202	66224	1.931 ng/ul	99
77) Pyrene	19.93	202	65610	1.670 ng/ul#	95
82) Chrysene	21.85	228	107050	3.208 ng/ul#	94
85) Benzo(b)fluoranthene	24.06	252	80911	2.187 ng/ul#	94
88) Benzo(a)pyrene	24.97	252	36221	1.006 ng/ul#	78

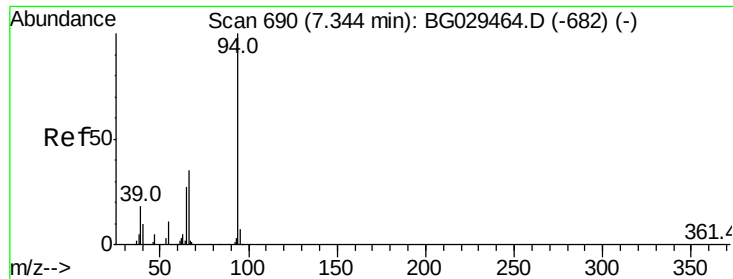
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.455 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG029473.D

Acq: 26 Oct 2017 11:39

Instrument :

BNA_G

ClientSampleId :

B0D30

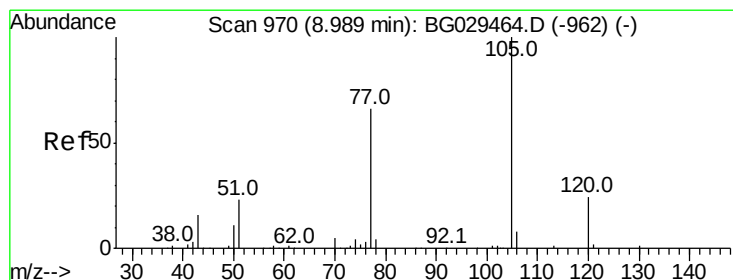
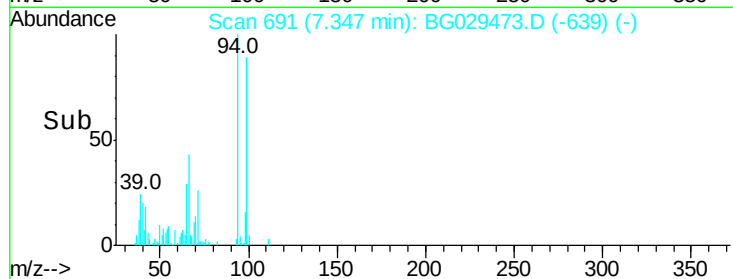
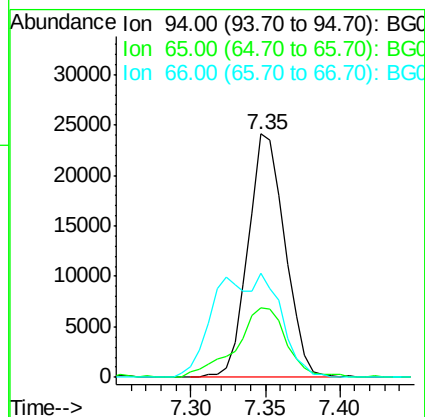
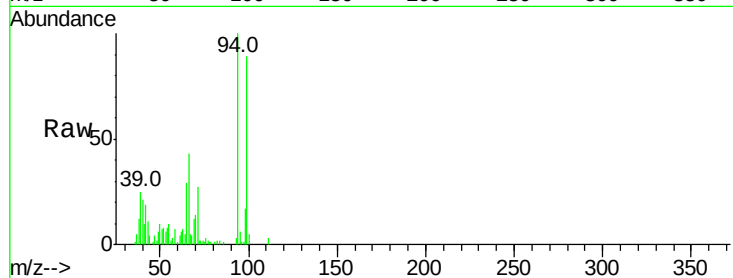
Tot Ion: 94 Resp: 41089

Ion Ratio Lower Upper

94 100

65 28.7 27.1 40.7

66 42.6 34.6 52.0



#14

Acetophenone

Concen: 1.533 ng/ul

RT: 8.99 min Scan# 971

Delta R.T. 0.00 min

Lab File: BG029473.D

Acq: 26 Oct 2017 11:39

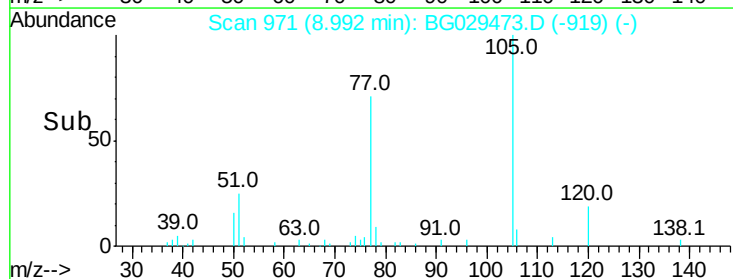
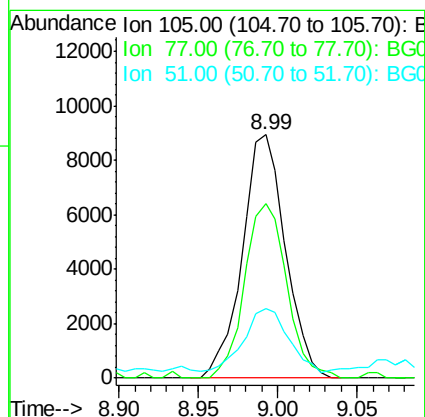
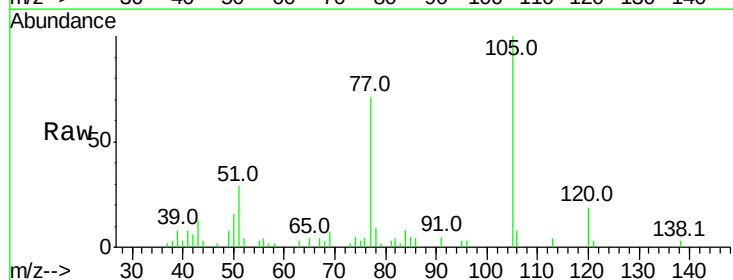
Tgt Ion: 105 Resp: 16855

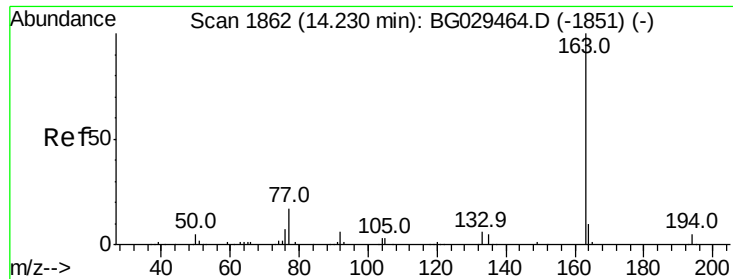
Ion Ratio Lower Upper

105 100

77 71.5 70.2 105.2

51 28.8 24.6 36.8





#44

Dimethylphthalate

Concen: 2.882 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG029473.D

Acq: 26 Oct 2017 11:39

Instrument :

BNA_G

ClientSampleId :

B0D30

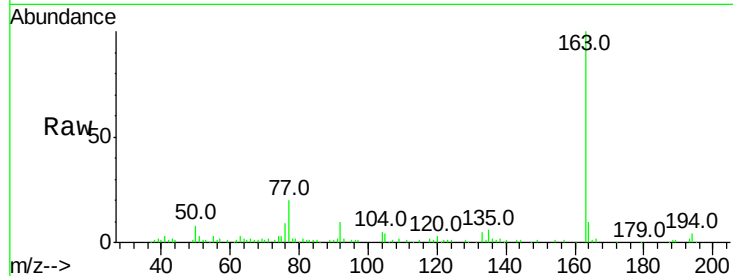
Tot Ion:163 Resp: 63183

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

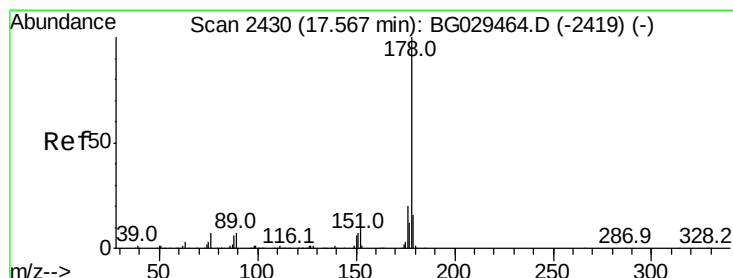
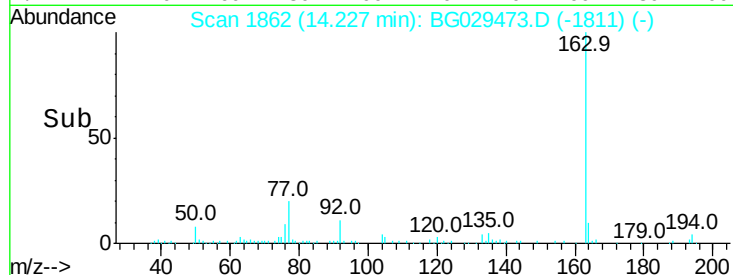
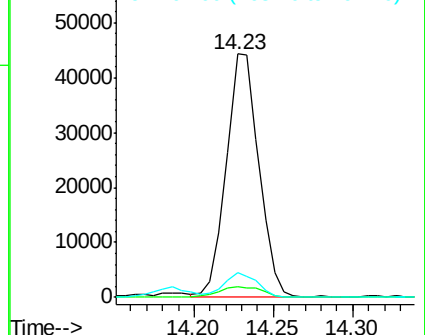
164 10.3 7.6 11.4



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: 2.474 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG029473.D

Acq: 26 Oct 2017 11:39

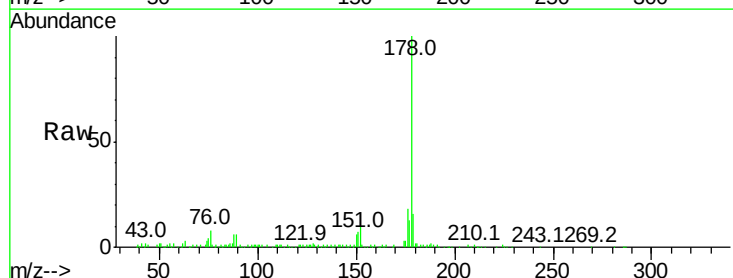
Tgt Ion:178 Resp: 75934

Ion Ratio Lower Upper

178 100

179 16.1 13.0 19.6

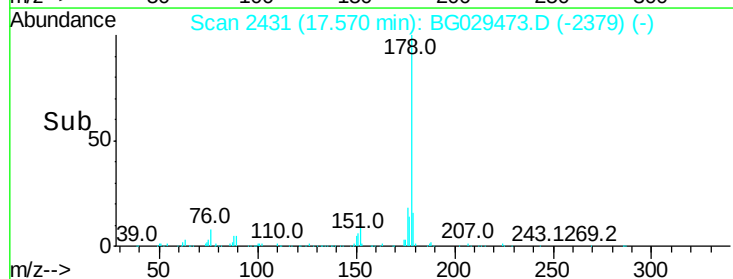
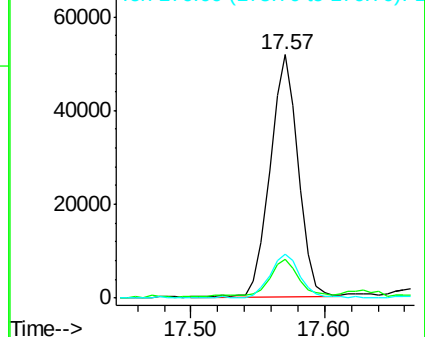
176 18.2 15.3 22.9

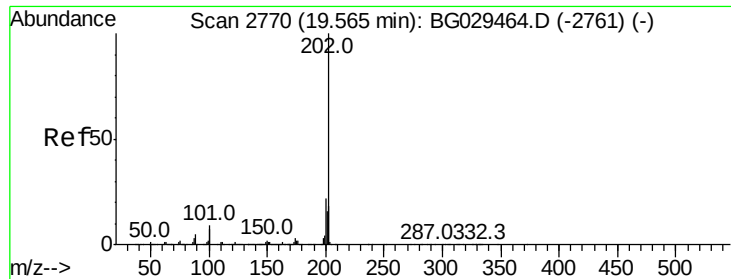


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 1.931 ng/ul

RT: 19.57 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BG029473.D

Acq: 26 Oct 2017 11:39

Instrument :

BNA_G

ClientSampleId :

B0D30

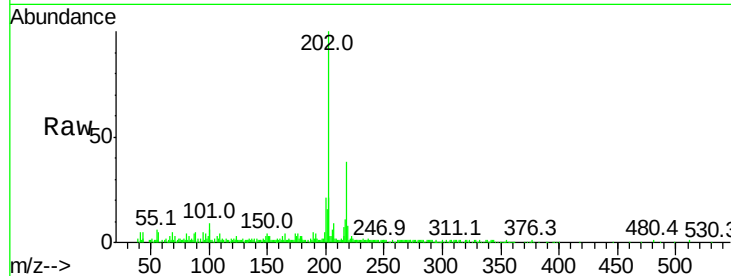
Tot Ion:202 Resp: 66224

Ion Ratio Lower Upper

202 100

101 8.8 7.4 11.2

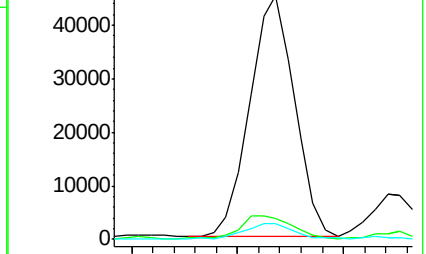
100 6.5 5.6 8.4



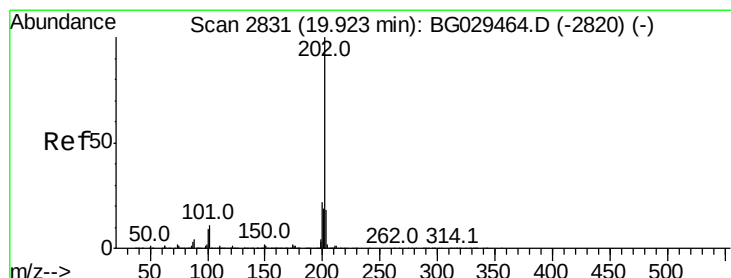
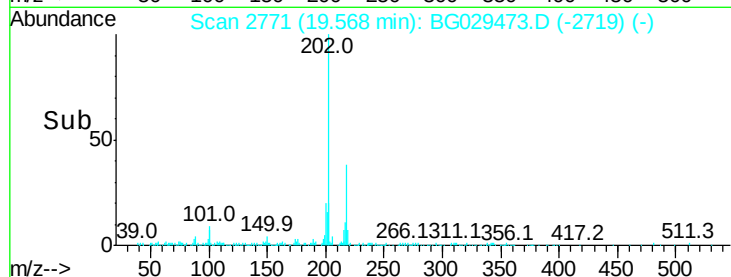
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#77

Pyrene

Concen: 1.670 ng/ul

RT: 19.93 min Scan# 2833

Delta R.T. 0.01 min

Lab File: BG029473.D

Acq: 26 Oct 2017 11:39

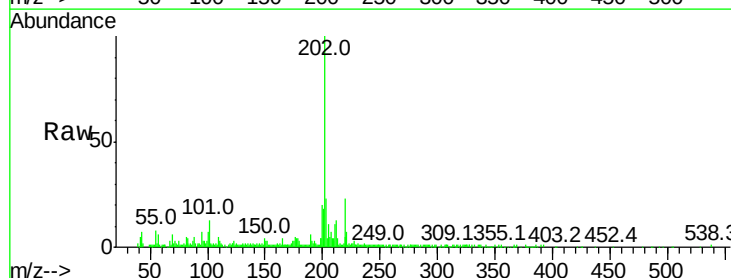
Tgt Ion:202 Resp: 65610

Ion Ratio Lower Upper

202 100

101 12.7 8.4 12.6#

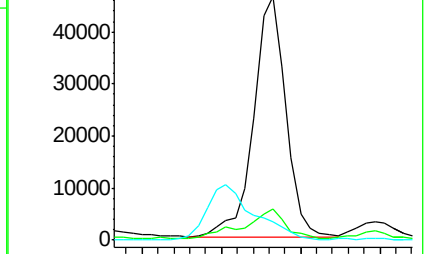
100 7.3 7.0 10.6



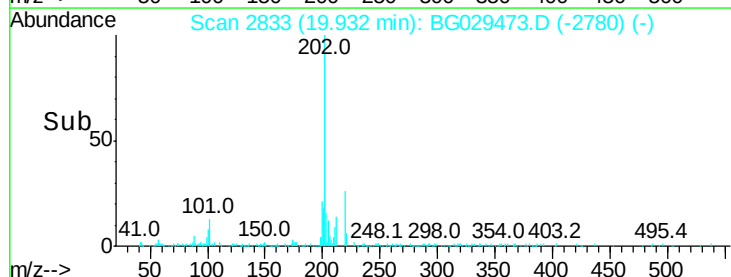
Abundance Ion 202.00 (201.70 to 202.70): E

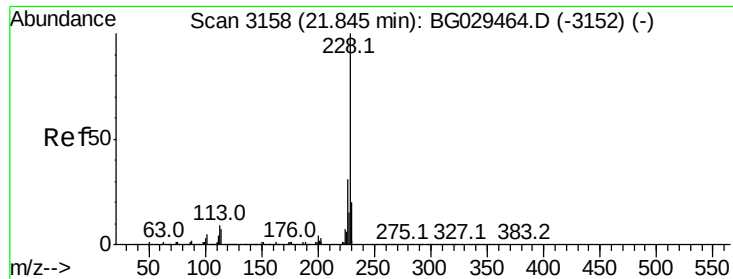
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->





#82

Chrysene

Concen: 3.208 ng/ul

RT: 21.85 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG029473.D

Acq: 26 Oct 2017 11:39

Instrument :

BNA_G

ClientSampleId :

B0D30

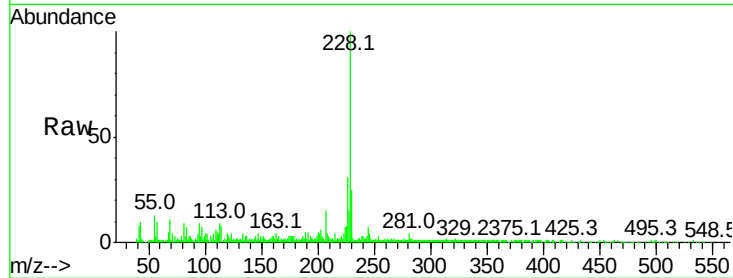
Tot Ion:228 Resp: 107050

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.2

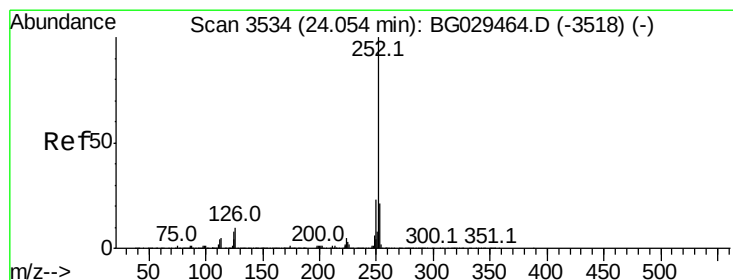
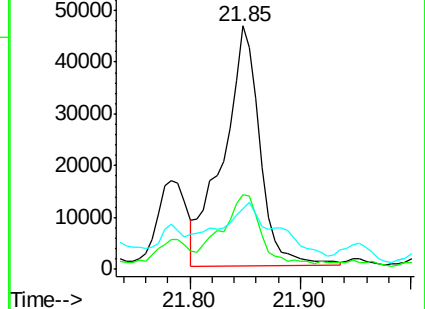
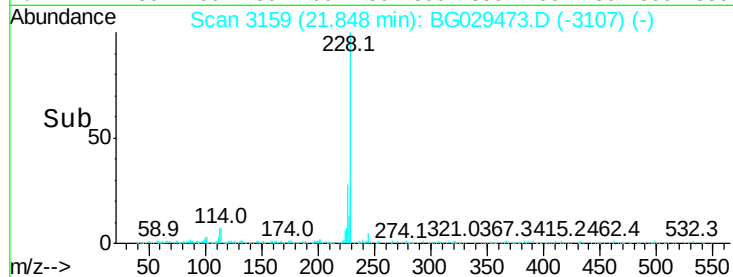
229 25.0 15.2 22.8#



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: 2.187 ng/ul

RT: 24.06 min Scan# 3536

Delta R.T. 0.01 min

Lab File: BG029473.D

Acq: 26 Oct 2017 11:39

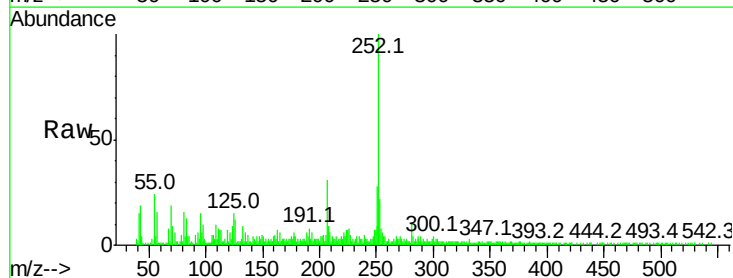
Tgt Ion:252 Resp: 80911

Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

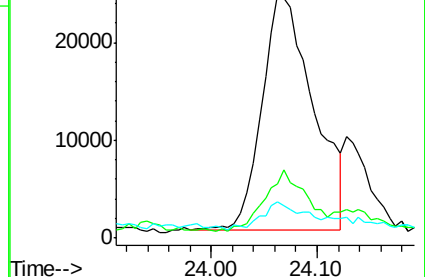
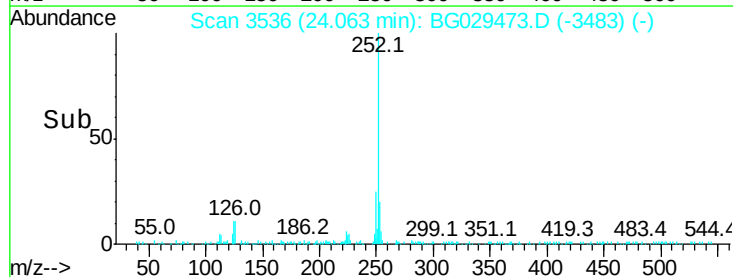
125 14.9 7.5 11.3#

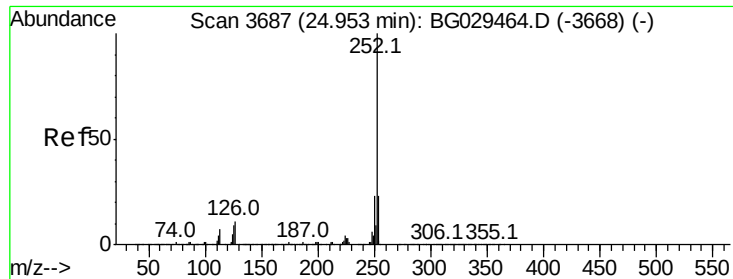


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.006 ng/ul

RT: 24.97 min Scan# 3690

Delta R.T. 0.01 min

Lab File: BG029473.D

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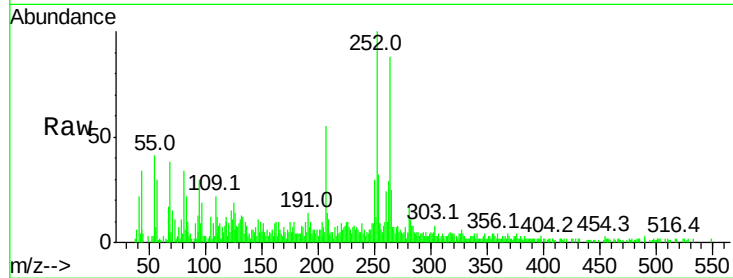
Tot Ion:252 Resp: 36221

Ion Ratio Lower Upper

252 100

253 31.5 17.1 25.7#

125 18.9 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

