

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025205.D
 Acq On : 15 Dec 2016 10:03
 Operator : UM/SJ
 Sample : H5938-01
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA823

Quant Time: Dec 15 10:55:32 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 04:58:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	81606	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	396260	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	325610	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	660878	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	777577	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	798036	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	4647	2.94	ng/uL	0.00
5) Phenol-d5	7.38	99	150613	21.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	93693	21.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	106284	21.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	137355	23.35	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	54275	19.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	66136	18.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	132868	19.75	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	32566	4.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	450407	20.11	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	522296	21.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	70185	18.23	ng/ul	0.01
57) Fluorene-d10	15.85	176	411701	19.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	86837	21.25	ng/ul	0.00
70) Anthracene-d10	17.70	188	595672	21.35	ng/ul	0.00
76) Pyrene-d10	19.98	212	700905	21.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	709407	21.94	ng/ul	0.00

Target Compounds

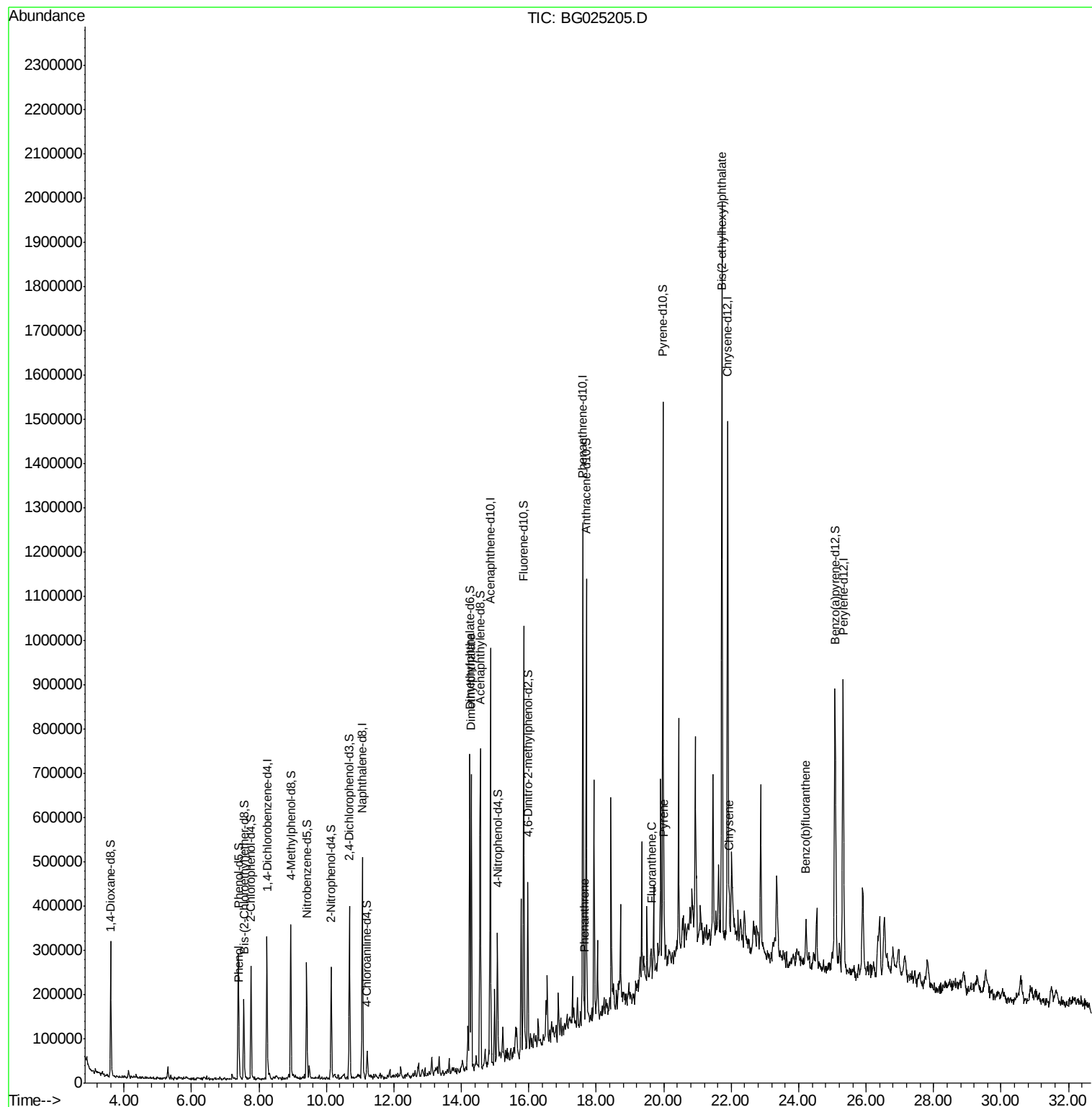
						Ovalue
6) Phenol	7.41	94	9790	1.35	ng/ul#	74
44) Dimethylphthalate	14.29	163	395764	17.98	ng/ul	100
69) Phenanthrene	17.64	178	40147	1.27	ng/ul	97
74) Fluoranthene	19.64	202	43471	1.16	ng/ul#	95
77) Pyrene	20.01	202	49916	1.34	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	622456	30.90	ng/ul	100
82) Chrysene	21.94	228	57643	1.53	ng/ul#	94
85) Benzo(b)fluoranthene	24.22	252	48369	1.22	ng/ul#	92

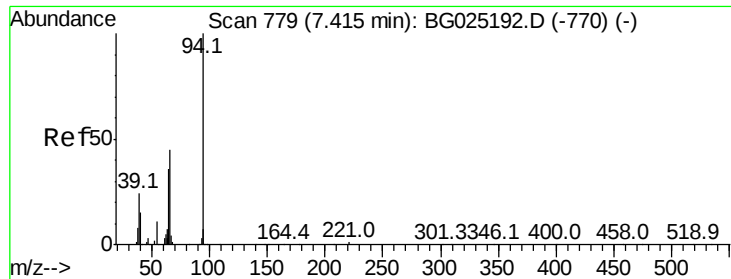
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.35 ng/ul

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG025205.D

Acq: 15 Dec 2016 10:03

Instrument :

BNA_G

ClientSampleId :

DA823

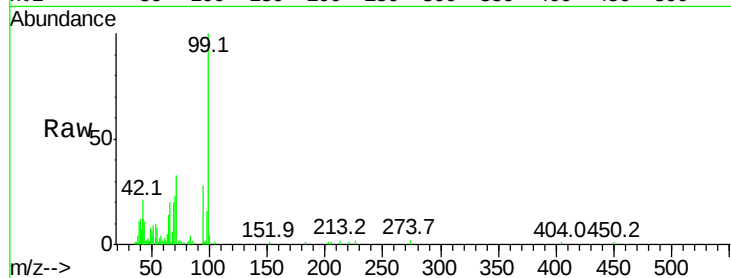
Tot Ion: 94 Resp: 9790

Ion Ratio Lower Upper

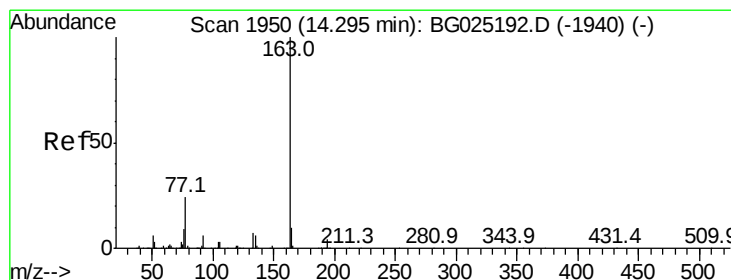
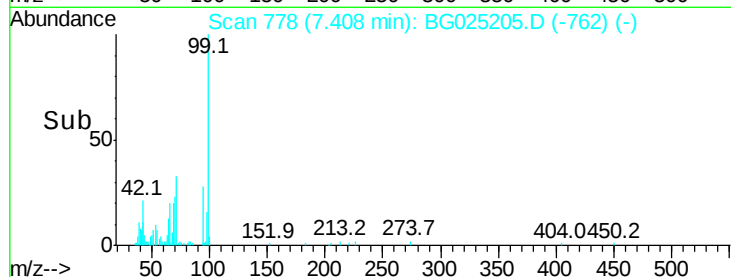
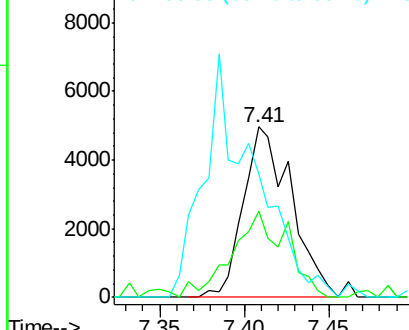
94 100

65 50.4 26.8 40.2#

66 72.4 44.4 66.6#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 17.98 ng/ul

RT: 14.29 min Scan# 1950

Delta R.T. -0.00 min

Lab File: BG025205.D

Acq: 15 Dec 2016 10:03

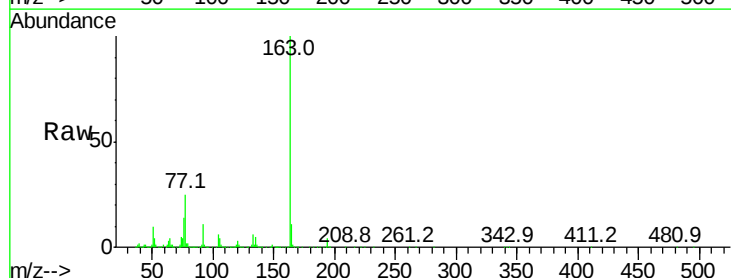
Tgt Ion:163 Resp: 395764

Ion Ratio Lower Upper

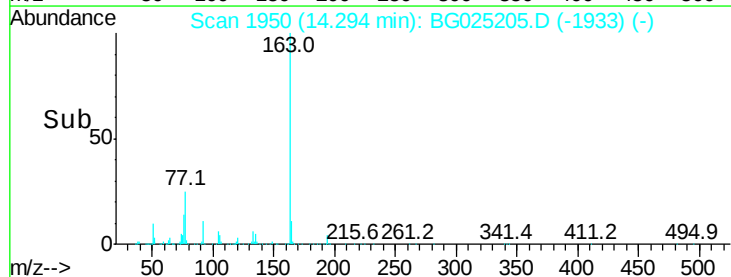
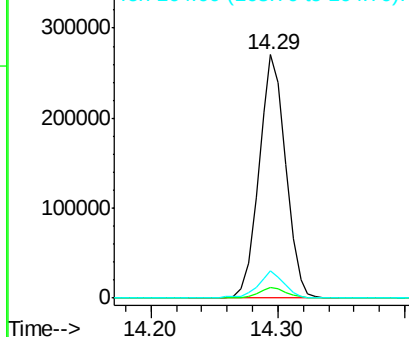
163 100

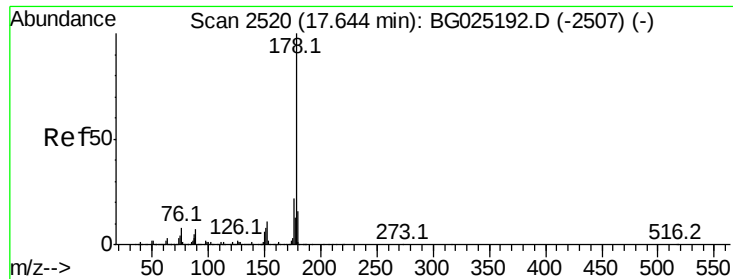
194 4.3 3.4 5.0

164 11.0 9.0 13.4



Abundance Ion 163.00 (162.70 to 163.70): BGC
Ion 194.00 (193.70 to 194.70): BGC
Ion 164.00 (163.70 to 164.70): BGC





#69

Phenanthrene

Concen: 1.27 ng/ul

RT: 17.64 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BG025205.D

Acq: 15 Dec 2016 10:03

Instrument :

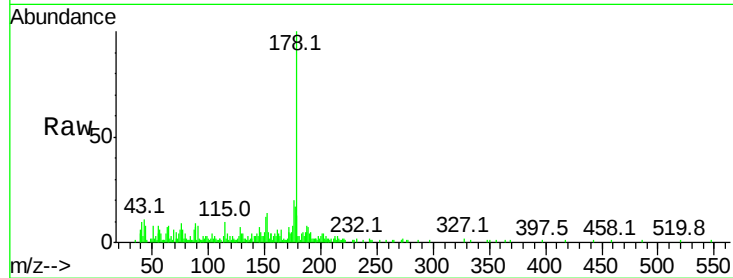
BNA_G

ClientSampleId :

DA823

Tot Ion:178 Resp: 40147

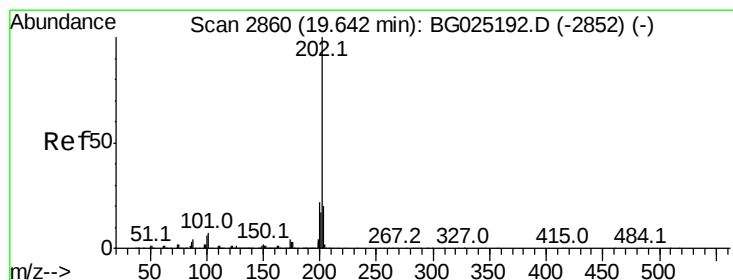
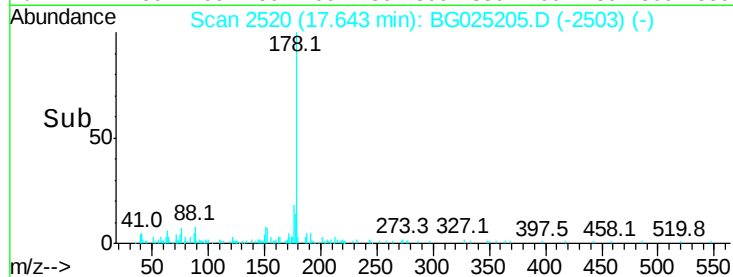
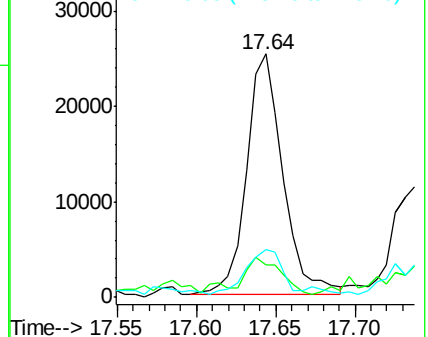
Ion	Ratio	Lower	Upper
178	100		
179	13.5	12.4	18.6
176	19.5	16.5	24.7



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: 1.16 ng/ul

RT: 19.64 min Scan# 2860

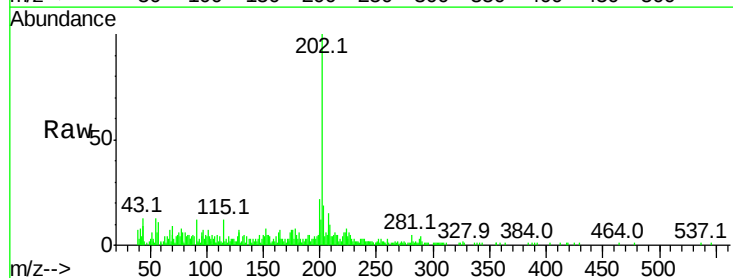
Delta R.T. -0.00 min

Lab File: BG025205.D

Acq: 15 Dec 2016 10:03

Tgt Ion:202 Resp: 43471

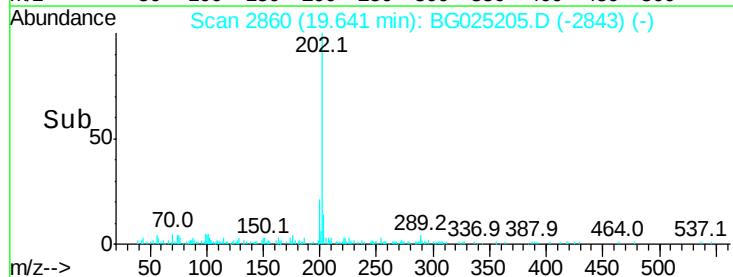
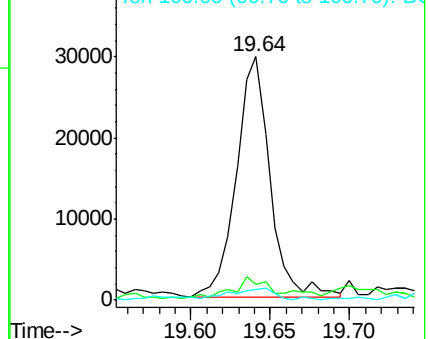
Ion	Ratio	Lower	Upper
202	100		
101	6.7	6.2	9.2
100	4.1	5.2	7.8

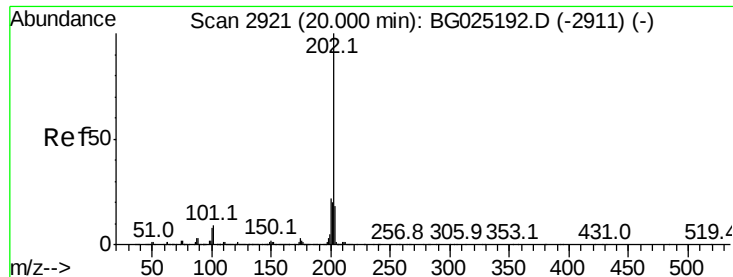


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 1.34 ng/ul

RT: 20.01 min Scan# 2922

Delta R.T. 0.01 min

Lab File: BG025205.D

Acq: 15 Dec 2016 10:03

Instrument :

BNA_G

ClientSampleId :

DA823

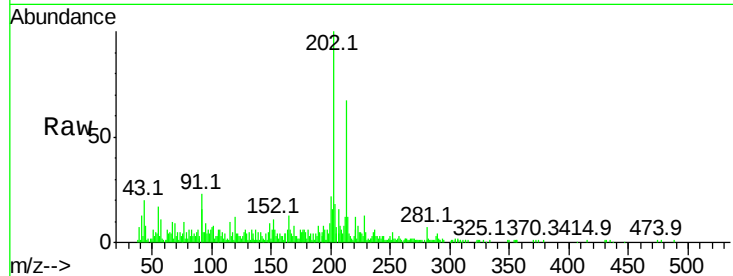
Tot Ion:202 Resp: 49916

Ion Ratio Lower Upper

202 100

101 7.7 6.9 10.3

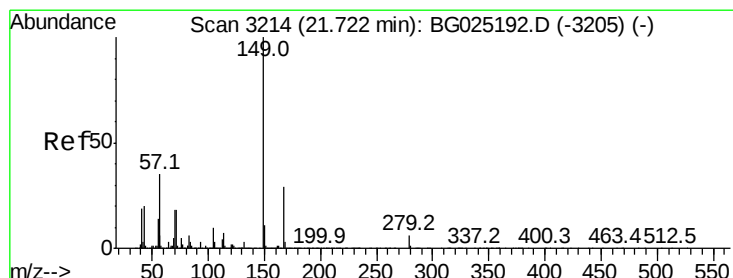
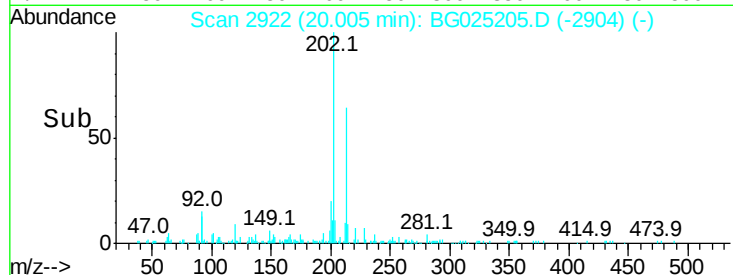
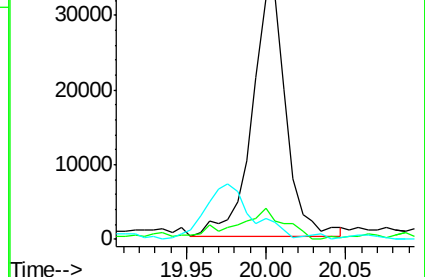
100 6.8 6.6 10.0



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 30.90 ng/ul

RT: 21.72 min Scan# 3214

Delta R.T. -0.00 min

Lab File: BG025205.D

Acq: 15 Dec 2016 10:03

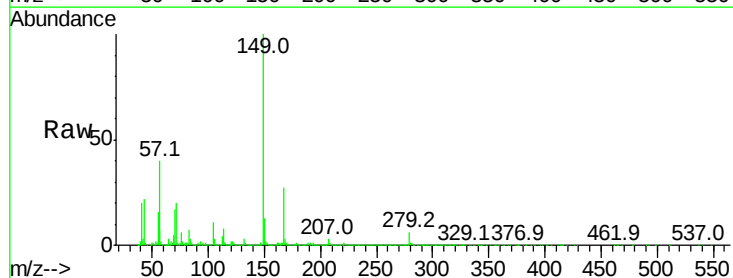
Tgt Ion:149 Resp: 622456

Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

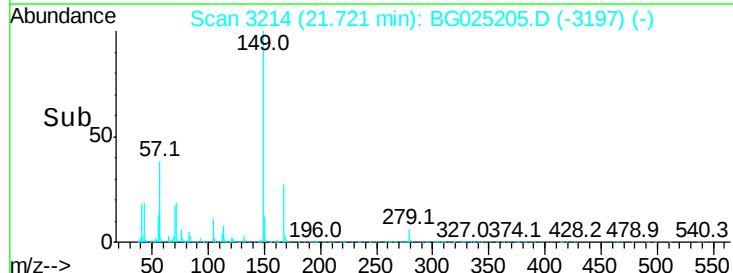
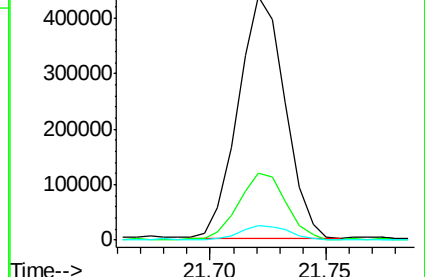
279 5.9 4.5 6.7

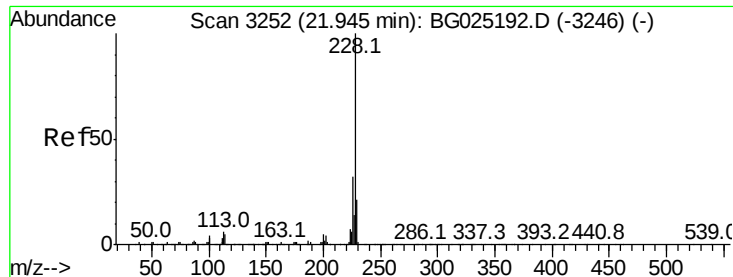


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 1.53 ng/ul

RT: 21.94 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BG025205.D

Acq: 15 Dec 2016 10:03

Instrument :

BNA_G

ClientSampleId :

DA823

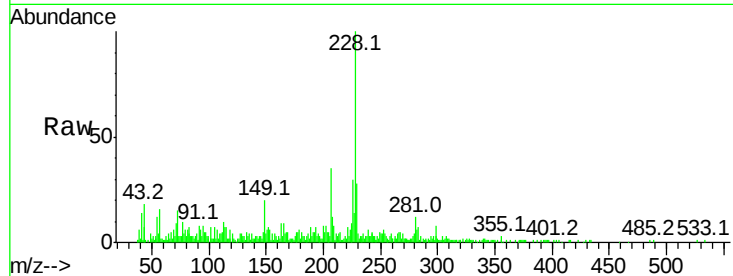
Tot Ion:228 Resp: 57643

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

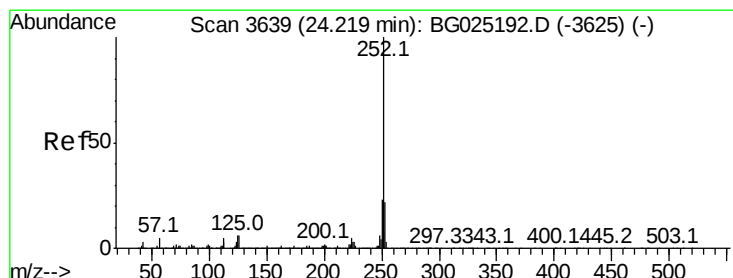
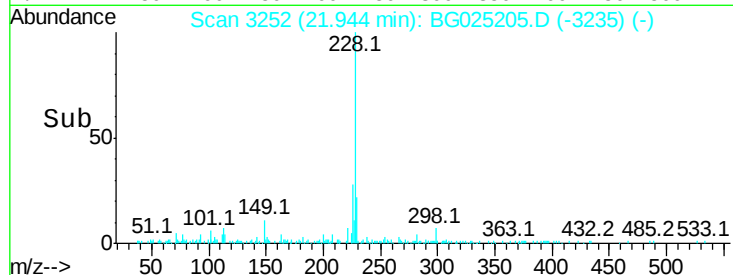
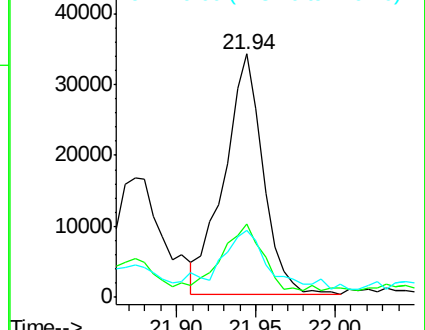
229 27.5 16.9 25.3#



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: 1.22 ng/ul

RT: 24.22 min Scan# 3640

Delta R.T. 0.01 min

Lab File: BG025205.D

Acq: 15 Dec 2016 10:03

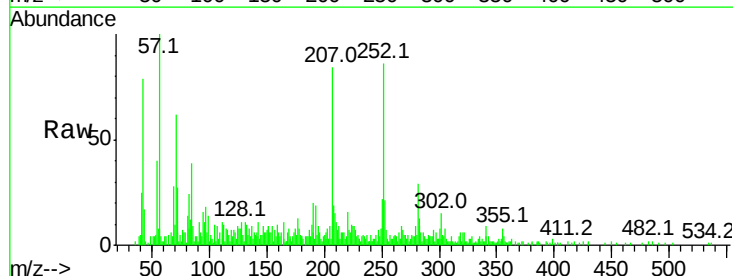
Tgt Ion:252 Resp: 48369

Ion Ratio Lower Upper

252 100

253 24.9 17.7 26.5

125 10.5 4.0 6.0#



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

