

Data File : BG026927.D
Acq On : 10 May 2017 00:55
Operator : SJ/MA
Sample : I3016-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PTS-01

Quant Time: May 10 01:49:40 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 10 01:49:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	196891	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	976179	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.61	164	515009	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	936851	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	853615	20.00	ng/ul	0.00
83) Perylene-d12	24.75	264	924660	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	15002	3.43	ng/uL	0.00
5) Phenol-d5	7.18	99	416047	23.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	251485	24.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	343938	23.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	341330	23.40	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	183347	22.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.88	143	194701	21.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	308980	21.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.93	131	649177	34.39	ng/ul	0.00
43) Dimethylphthalate-d6	14.01	166	941007	22.70	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	1237029	23.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	118351	15.84	ng/ul	0.00
57) Fluorene-d10	15.61	176	789998	21.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	84444	14.84	ng/ul	0.00
70) Anthracene-d10	17.45	188	1080046	23.75	ng/ul	0.00
76) Pyrene-d10	19.73	212	1061254	23.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	1032957	23.63	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.21	94	18506	1.04	ng/ul#	84
44) Dimethylphthalate	14.06	163	215020	5.30	ng/ul	98
74) Fluoranthene	19.40	202	243574	4.97	ng/ul#	84
77) Pyrene	19.76	202	197116	3.44	ng/ul#	78
80) Benzo(a)anthracene	21.58	228	127690	2.56	ng/ul	97
82) Chrysene	21.64	228	149228	3.22	ng/ul	98
85) Benzo(b)fluoranthene	23.76	252	157771	2.99	ng/ul#	91
88) Benzo(a)pyrene	24.61	252	89219	1.72	ng/ul#	84

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

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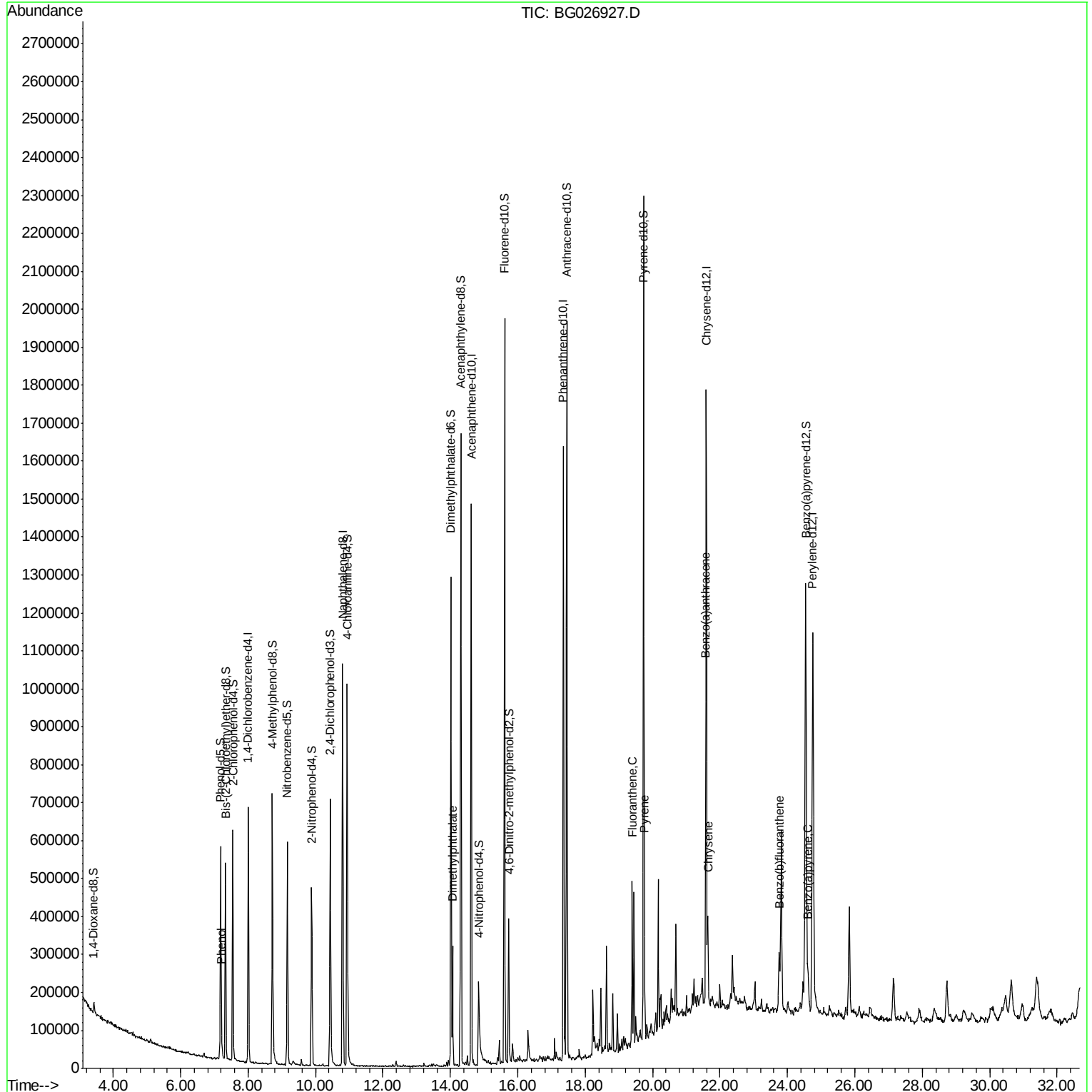
Quant Time: May 10 01:49:40 2017

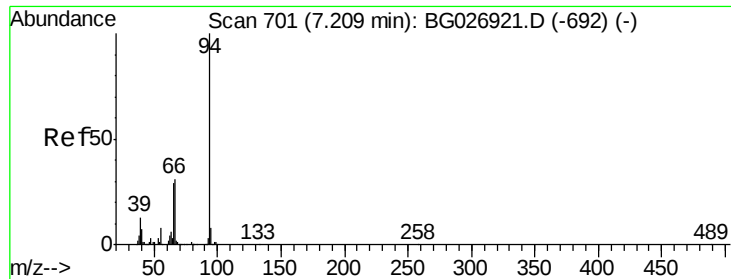
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 10 01:49:01 2017

Response via : Initial Calibration





#6

Phenol

Concen: 1.04 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026927.D

Acq: 10 May 2017 00:55

Instrument :

BNA_G

ClientSampleId :

PTS-01

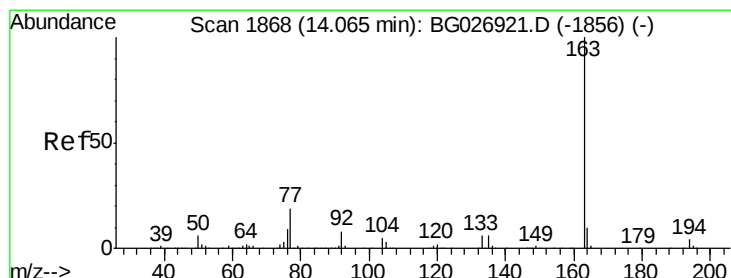
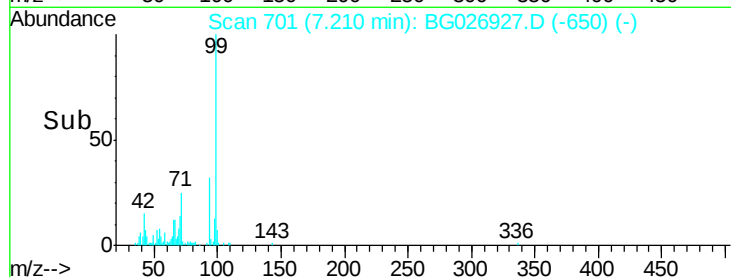
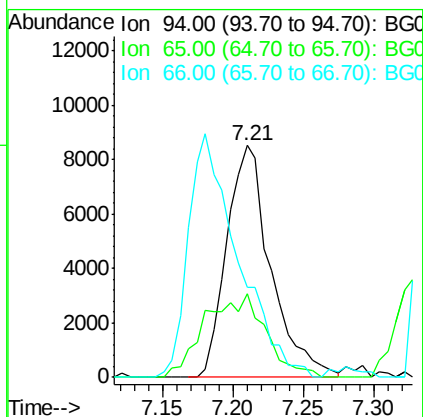
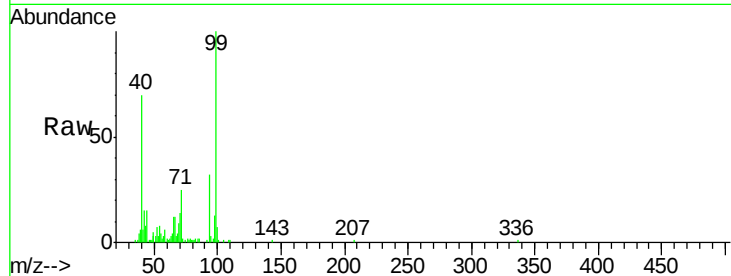
Tgt Ion: 94 Resp: 18506

Ion Ratio Lower Upper

94 100

65 36.3 26.8 40.2

66 38.6 44.4 66.6#



#44

Dimethylphthalate

Concen: 5.30 ng/ul

RT: 14.06 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BG026927.D

Acq: 10 May 2017 00:55

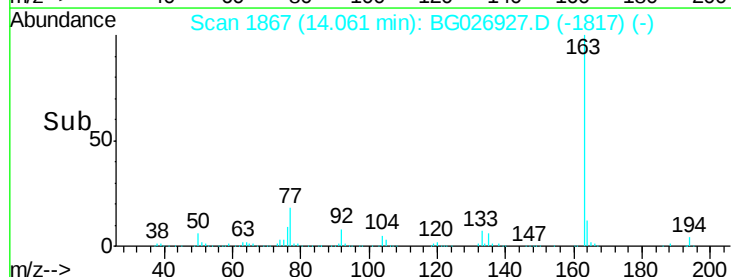
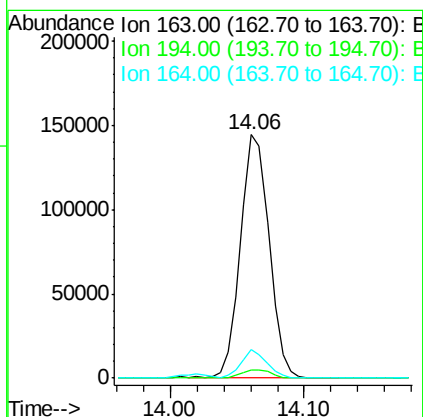
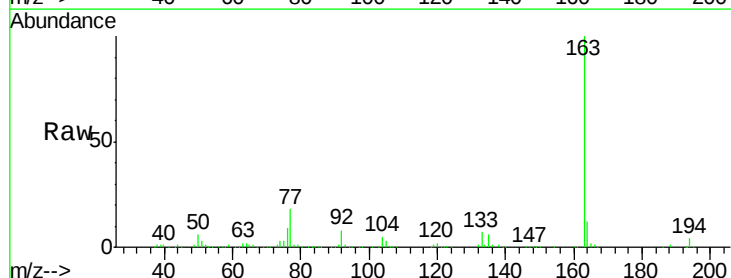
Tgt Ion: 163 Resp: 215020

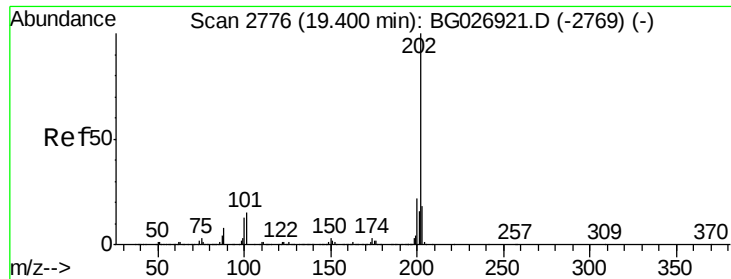
Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.0

164 11.8 9.0 13.4





#74

Fluoranthene

Concen: 4.97 ng/ul

RT: 19.40 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BG026927.D

Acq: 10 May 2017 00:55

Instrument :

BNA_G

ClientSampleId :

PTS-01

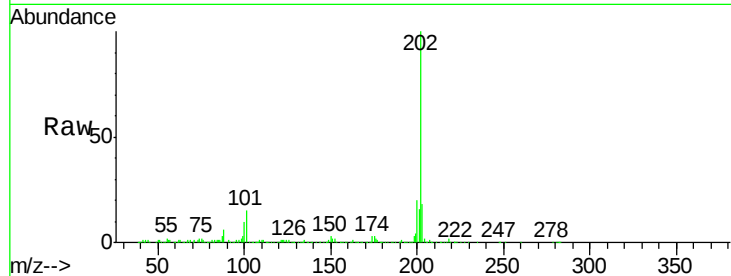
Tgt Ion:202 Resp: 243574

Ion Ratio Lower Upper

202 100

101 14.5 6.2 9.2#

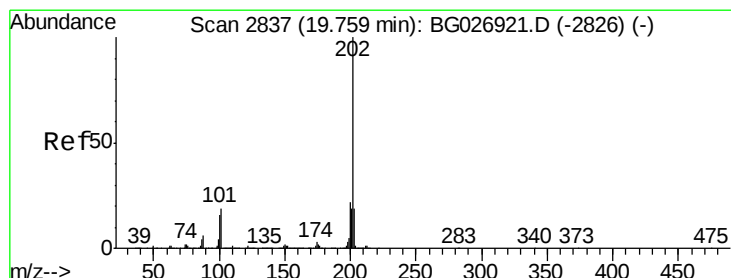
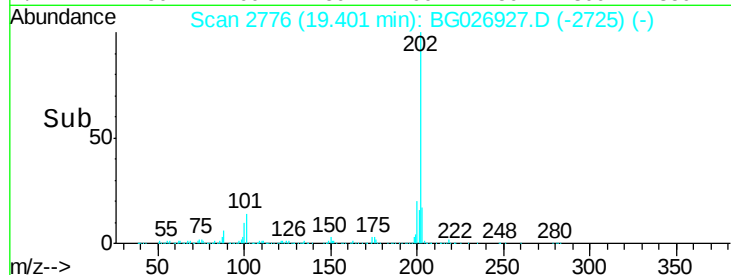
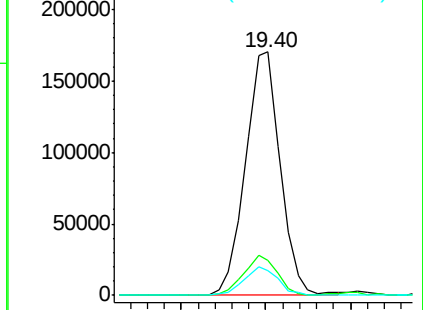
100 10.2 5.2 7.8#



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

Pyrene

Concen: 3.44 ng/ul

RT: 19.76 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG026927.D

Acq: 10 May 2017 00:55

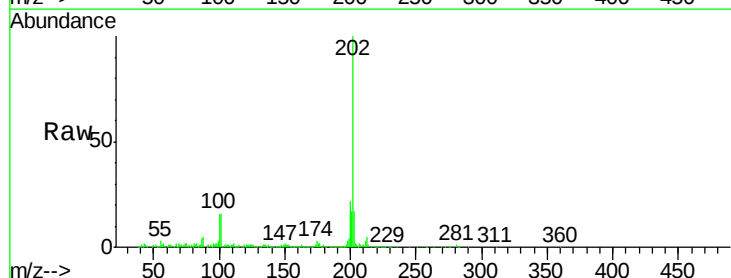
Tgt Ion:202 Resp: 197116

Ion Ratio Lower Upper

202 100

101 16.3 6.9 10.3#

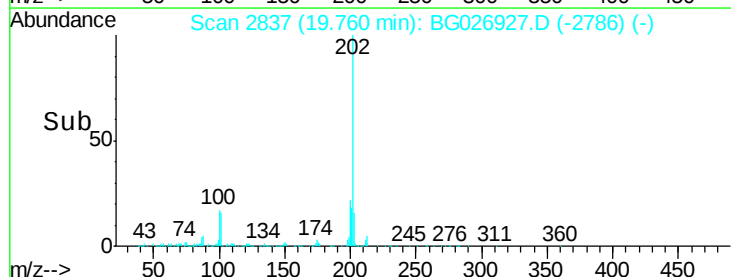
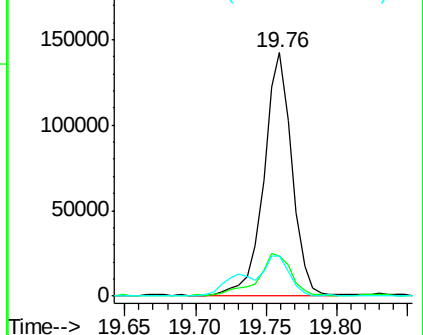
100 16.5 6.6 10.0#

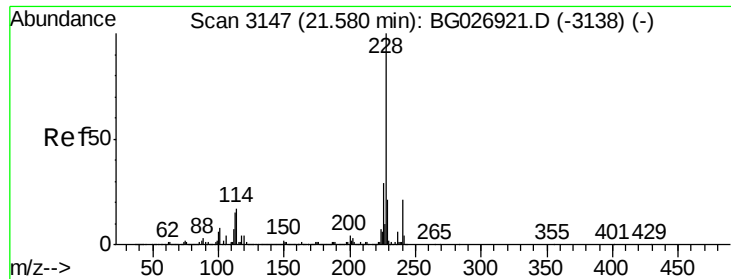


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.56 ng/ul

RT: 21.58 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG026927.D

Acq: 10 May 2017 00:55

Instrument :

BNA_G

ClientSampled :

PTS-01

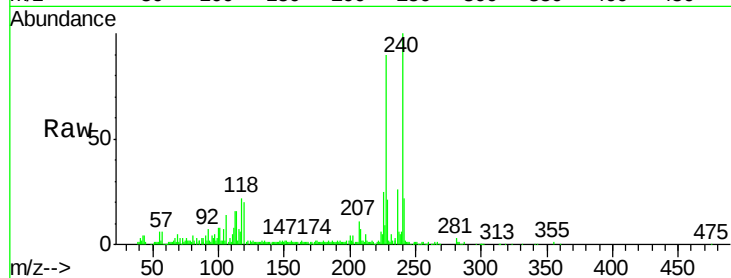
Tgt Ion:228 Resp: 127690

Ion Ratio Lower Upper

228 100

229 23.6 16.3 24.5

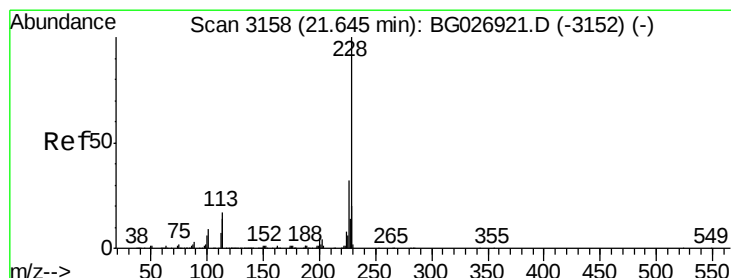
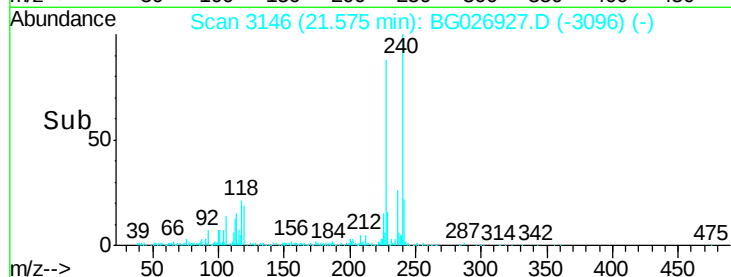
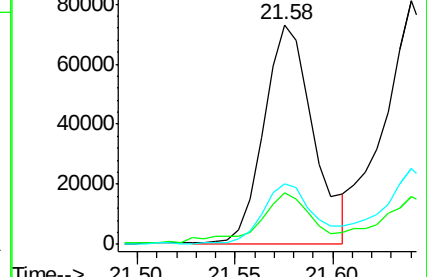
226 27.7 21.9 32.9



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: 3.22 ng/ul

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG026927.D

Acq: 10 May 2017 00:55

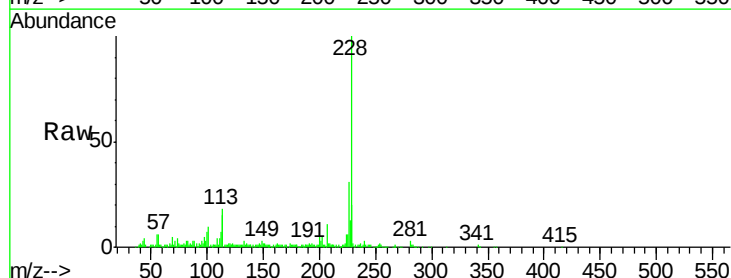
Tgt Ion:228 Resp: 149228

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

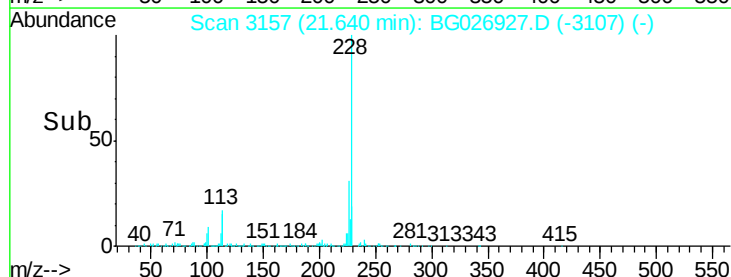
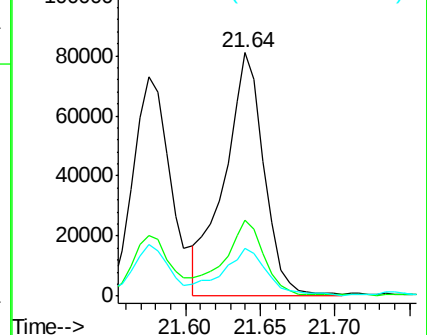
229 19.8 16.9 25.3

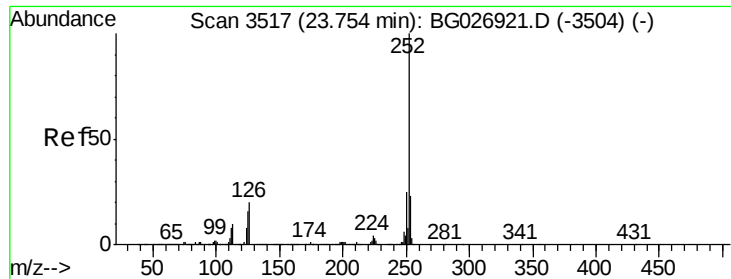


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 2.99 ng/ul

RT: 23.76 min Scan# 3517

Delta R.T. 0.00 min

Lab File: BG026927.D

Acq: 10 May 2017 00:55

Instrument :

BNA_G

ClientSampleId :

PTS-01

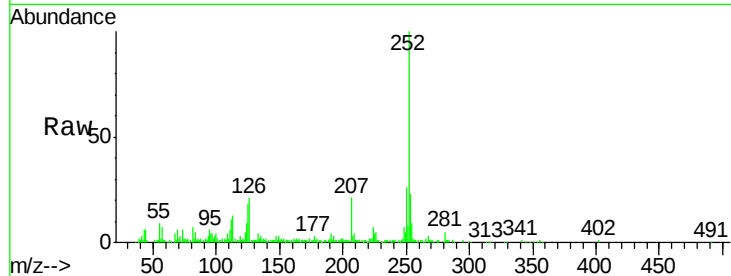
Tgt Ion:252 Resp: 157771

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

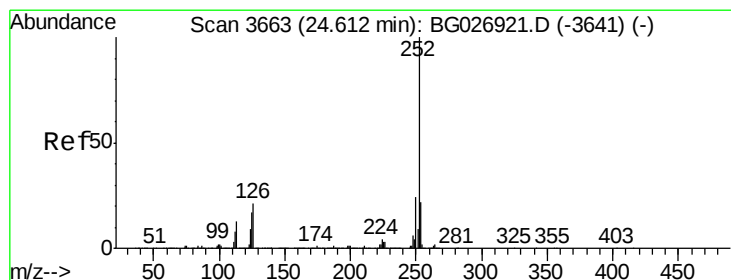
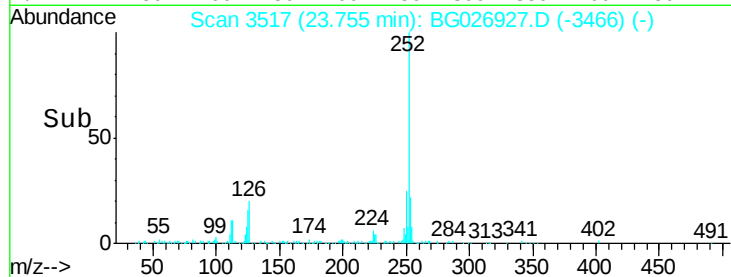
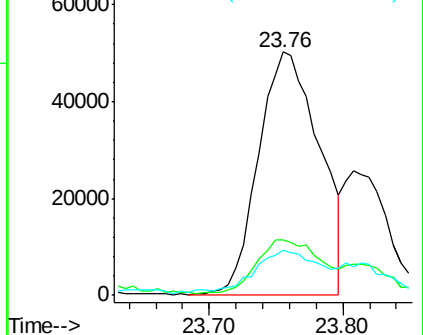
125 18.4 4.0 6.0#



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



#88

Benzo(a)pyrene

Concen: 1.72 ng/ul

RT: 24.61 min Scan# 3662

Delta R.T. -0.00 min

Lab File: BG026927.D

Acq: 10 May 2017 00:55

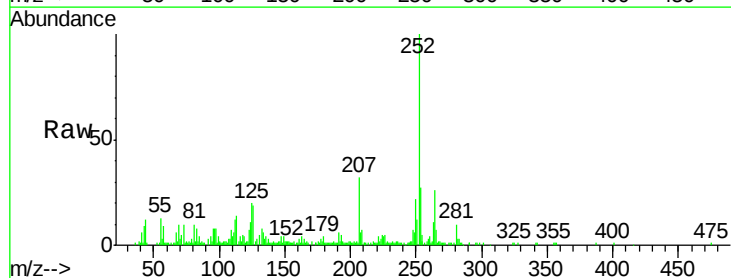
Tgt Ion:252 Resp: 89219

Ion Ratio Lower Upper

252 100

253 26.7 17.8 26.6#

125 20.1 5.4 8.0#



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

