

Data File : BG027548.D
Acq On : 20 Jun 2017 3:35
Operator : SJ/MA
Sample : I3625-01
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5A82

Quant Time: Jun 20 07:04:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:50:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	38182	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	201422	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	134820	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	313536	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	346489	20.00	ng/ul	0.00
83) Perylene-d12	25.88	264	329234	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	4.08	96	2012	2.11	ng/uL	0.00
5) Phenol-d5	7.65	99	52366	12.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	39762	14.09	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	39266	14.35	ng/ul	0.00
13) 4-Methylphenol-d8	9.19	113	42787	13.22	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	20479	14.00	ng/ul	0.00
22) 2-Nitrophenol-d4	10.41	143	23344	15.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	42311	14.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	51672	13.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	164800	14.60	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	188904	14.53	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	17842	8.08	ng/ul	0.00
57) Fluorene-d10	16.09	176	149923	14.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.19	200	20544	10.55	ng/ul	0.00
70) Anthracene-d10	17.95	188	225080	15.40	ng/ul	0.00
76) Pyrene-d10	20.22	212	259705	15.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.62	264	230959	15.58	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	7.68	94	4464	1.03	ng/ul	95
44) Dimethylphthalate	14.54	163	75147	6.71	ng/ul	97
74) Fluoranthene	19.88	202	41709	2.20	ng/ul#	89
77) Pyrene	20.25	202	68140	3.33	ng/ul#	88
80) Benzo(a)anthracene	22.21	228	50353	2.61	ng/ul	96
82) Chrysene	22.28	228	67303	3.86	ng/ul	94
85) Benzo(b)fluoranthene	24.71	252	193876	9.89	ng/ul#	95
86) Benzo(k)fluoranthene	24.71	252	193876	10.29	ng/ul#	96
88) Benzo(a)pyrene	25.71	252	85832	4.56	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	30.07	276	80661	3.75	ng/ul#	91
91) Benzo(g,h,i)perylene	31.39	276	56044	3.18	ng/ul#	92

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

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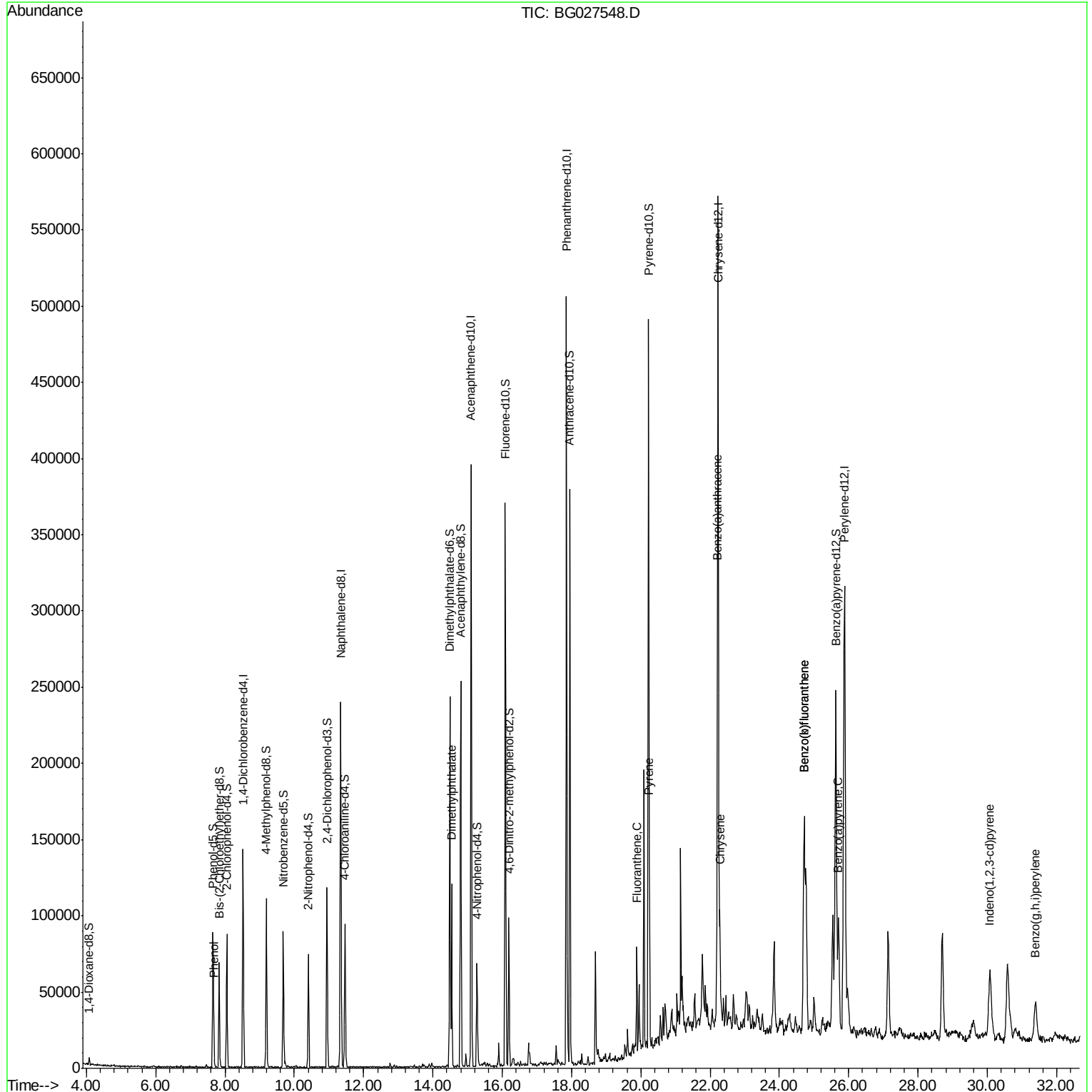
Quant Time: Jun 20 07:04:27 2017

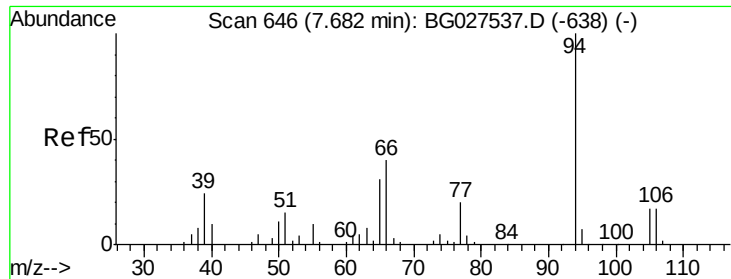
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 20 01:50:01 2017

Response via : Initial Calibration





#6

Phenol

Concen: 1.03 ng/ul

RT: 7.68 min Scan# 645

Delta R.T. -0.00 min

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Acq: 20 Jun 2017 3:35

Instrument :

BNA_G

ClientSampleId :

F5A82

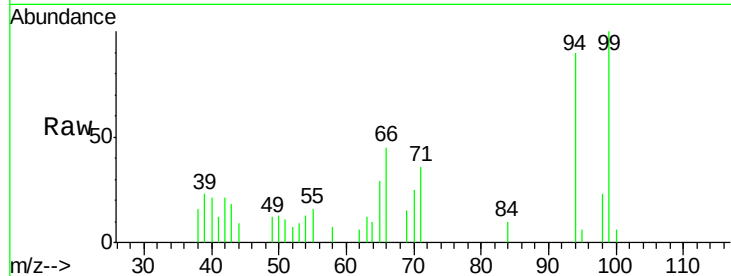
Tgt Ion: 94 Resp: 4464

Ion Ratio Lower Upper

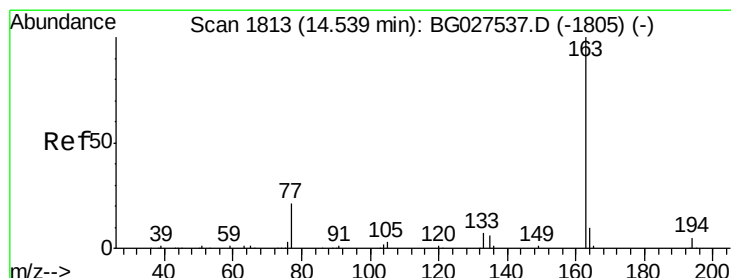
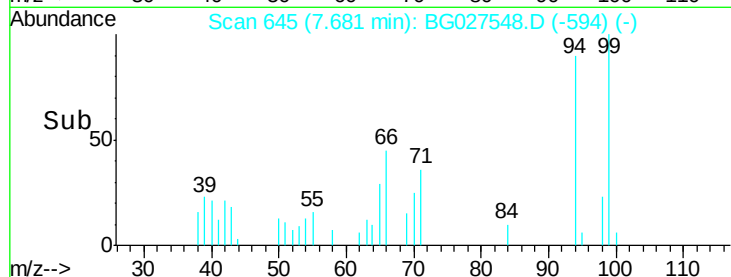
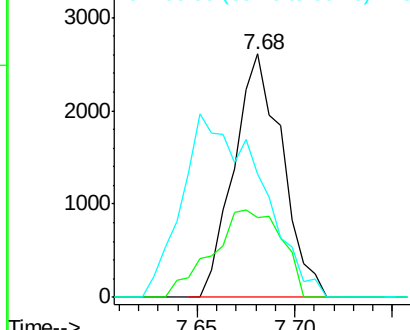
94 100

65 32.7 26.8 40.2

66 50.4 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: 6.71 ng/ul

RT: 14.54 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

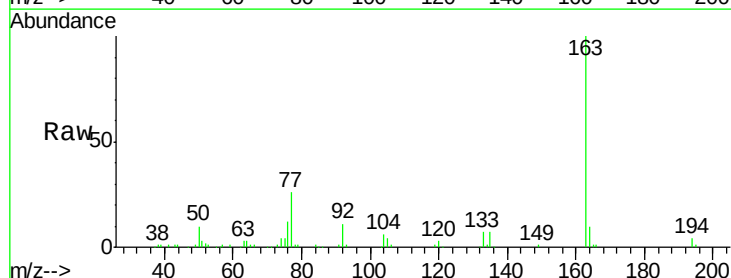
Tgt Ion: 163 Resp: 75147

Ion Ratio Lower Upper

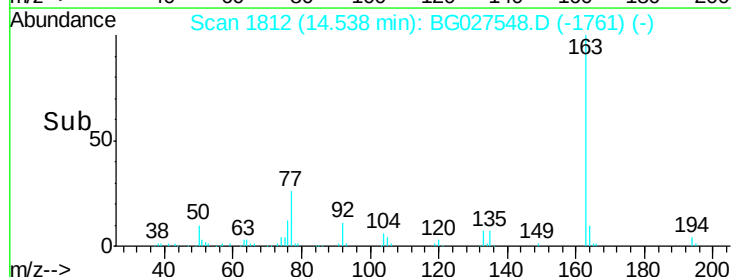
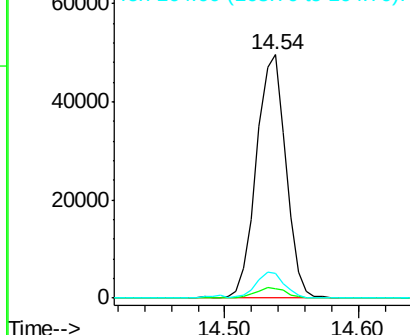
163 100

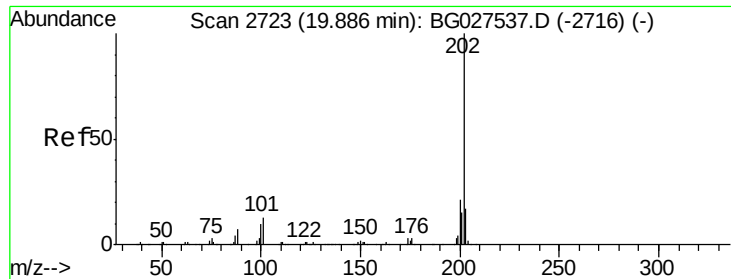
194 3.7 3.4 5.0

164 10.0 9.0 13.4



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





#74

Fluoranthene

Concen: 2.20 ng/ul

RT: 19.88 min Scan# 2722

Delta R.T. -0.00 min

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Acq: 20 Jun 2017 3:35

Instrument :

BNA_G

ClientSampleId :

F5A82

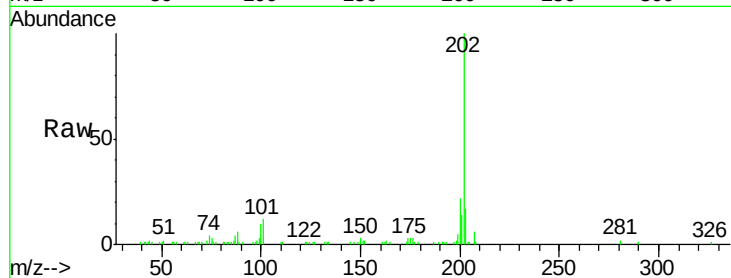
Tgt Ion:202 Resp: 41709

Ion Ratio Lower Upper

202 100

101 11.9 6.2 9.2#

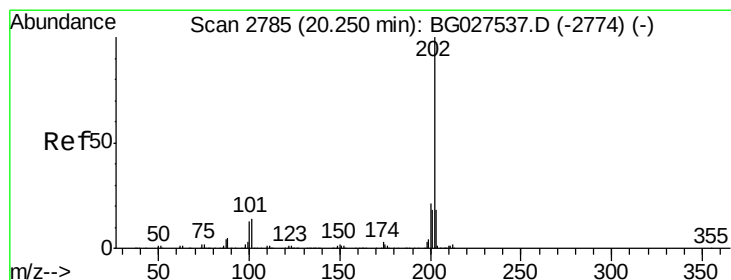
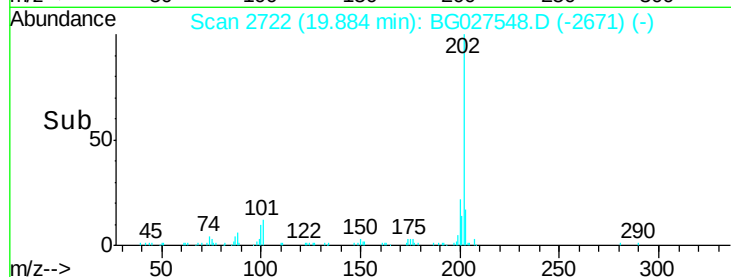
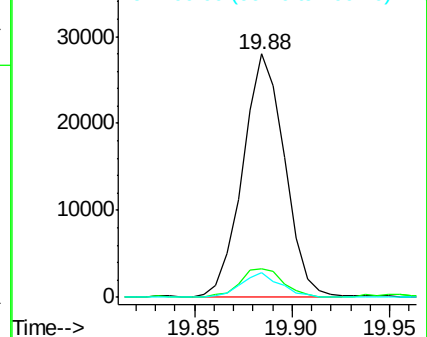
100 10.0 5.2 7.8#



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: 3.33 ng/ul

RT: 20.25 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

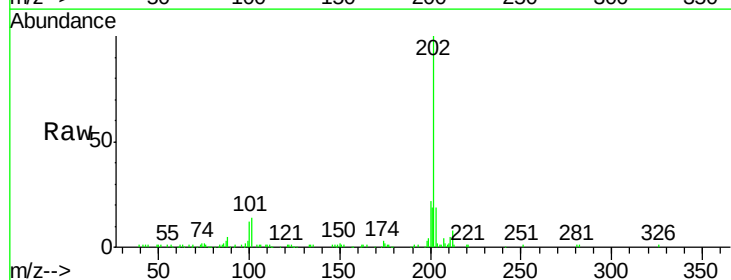
Tgt Ion:202 Resp: 68140

Ion Ratio Lower Upper

202 100

101 13.6 6.9 10.3#

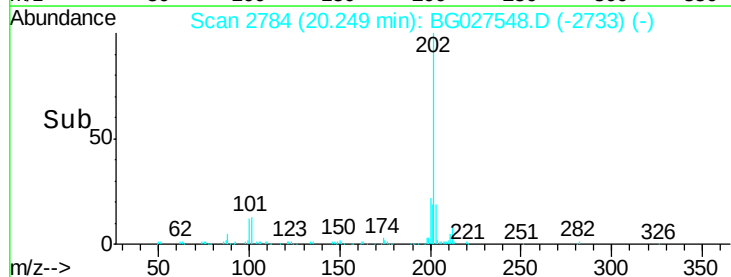
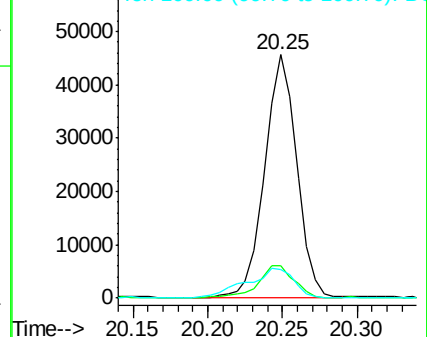
100 11.7 6.6 10.0#

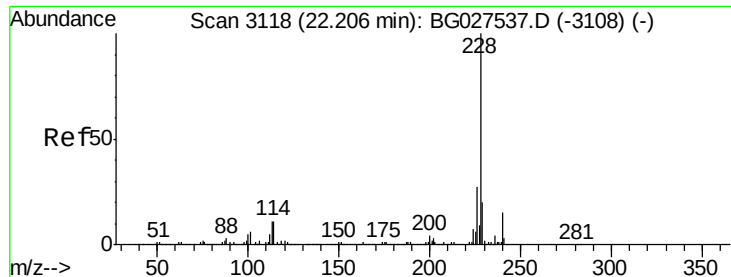


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.61 ng/ul

RT: 22.21 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_G

ClientSampleId :

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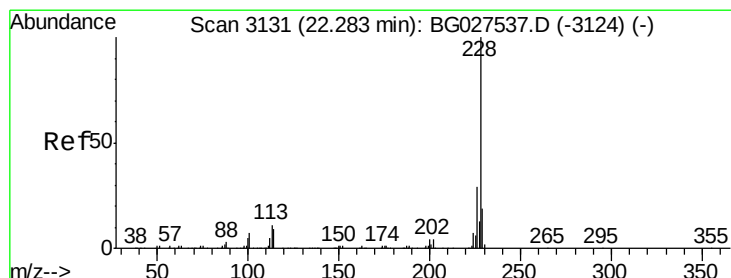
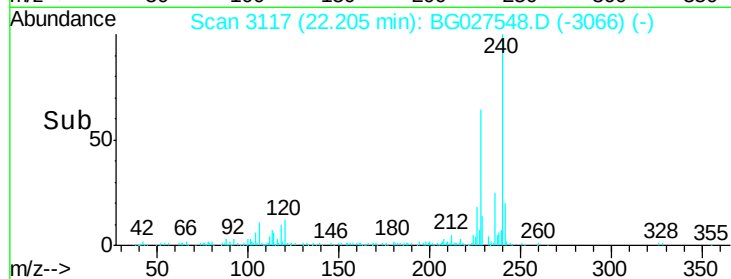
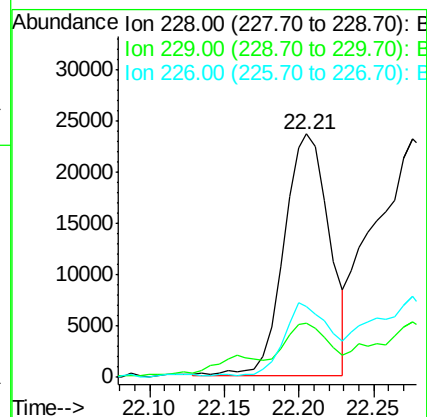
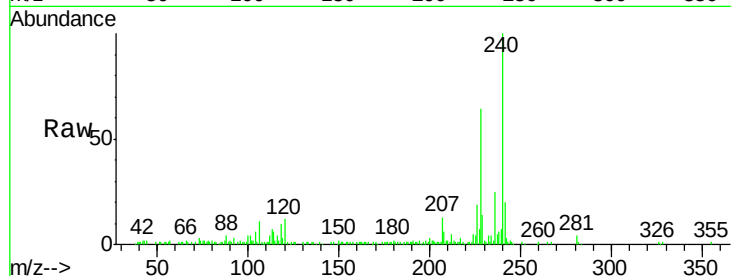
Tgt Ion:228 Resp: 50353

Ion Ratio Lower Upper

228 100

229 22.3 16.3 24.5

226 29.3 21.9 32.9



#82

Chrysene

Concen: 3.86 ng/ul

RT: 22.28 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

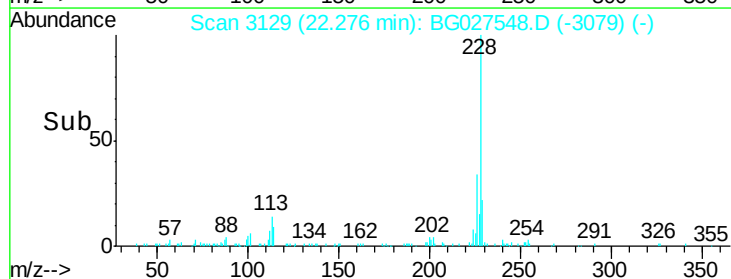
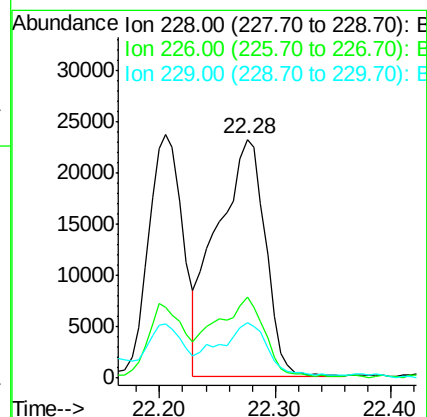
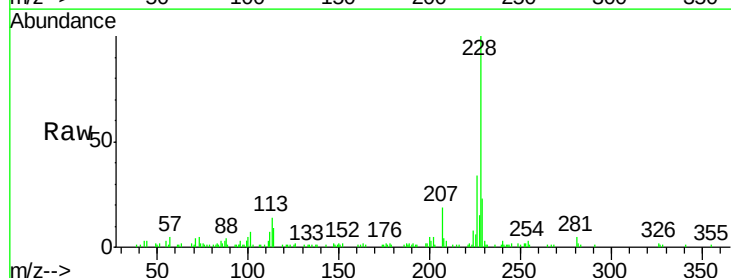
Tgt Ion:228 Resp: 67303

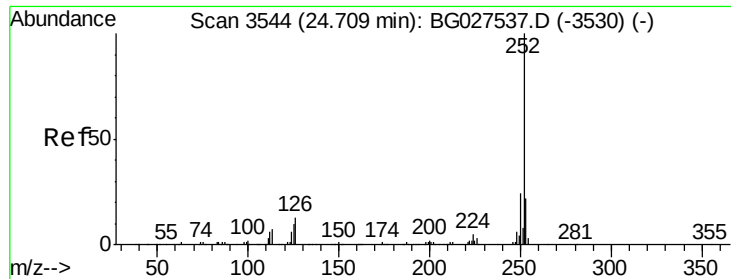
Ion Ratio Lower Upper

228 100

226 33.7 24.0 36.0

229 23.2 16.9 25.3





#85

Benzo(b)fluoranthene

Concen: 9.89 ng/ul

RT: 24.71 min Scan# 3544

Delta R.T. 0.00 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_G

ClientSampleId :

F5A82

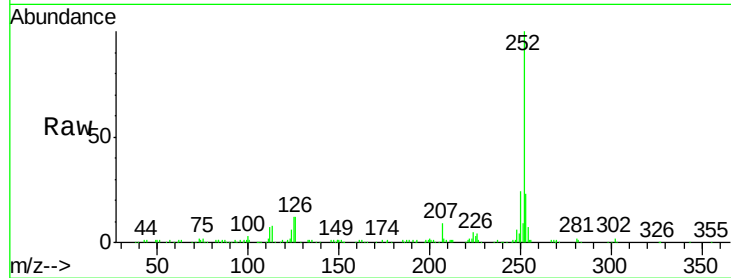
Tgt Ion:252 Resp: 193876

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

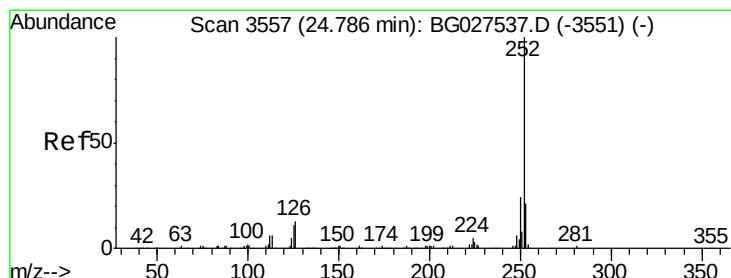
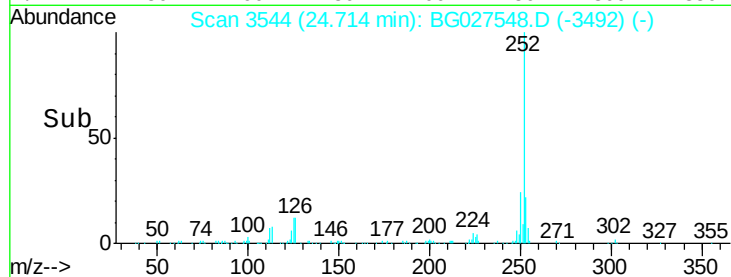
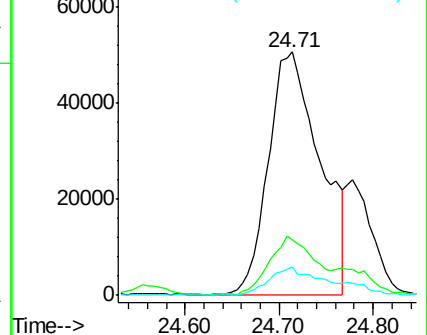
125 11.9 4.0 6.0#



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



#86

Benzo(k)fluoranthene

Concen: 10.29 ng/ul

RT: 24.71 min Scan# 3544

Delta R.T. -0.07 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

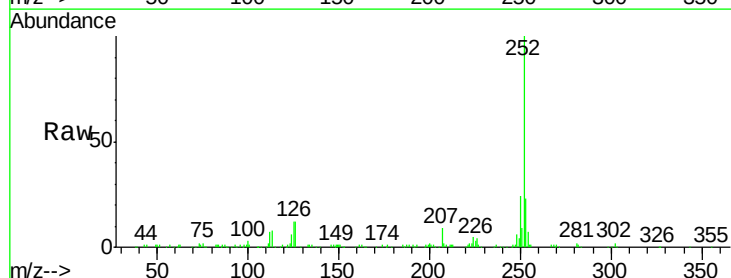
Tgt Ion:252 Resp: 193876

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

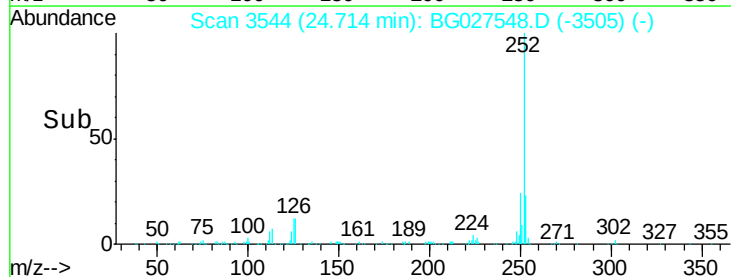
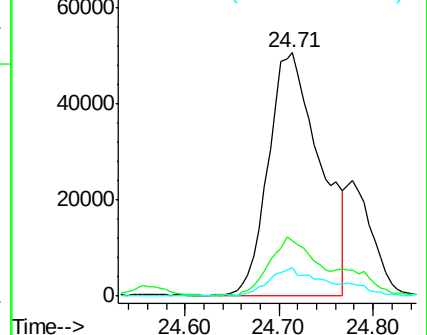
125 11.9 4.1 6.1#

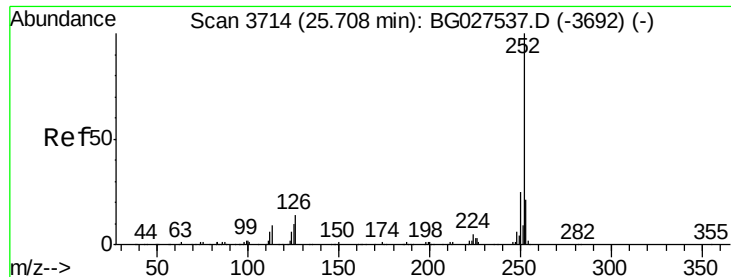


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 4.56 ng/ul

RT: 25.71 min Scan# 3713

Delta R.T. -0.00 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_G

ClientSampleId :

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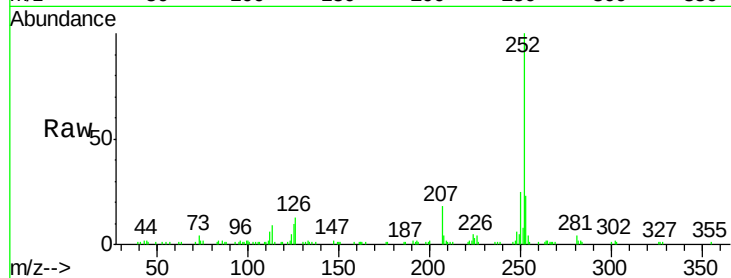
Tgt Ion:252 Resp: 85832

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

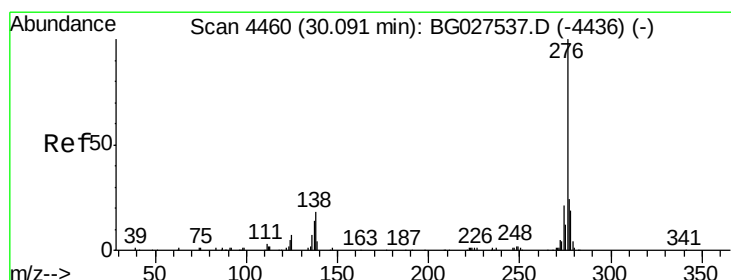
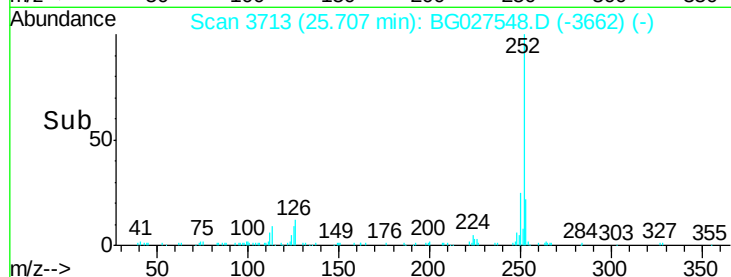
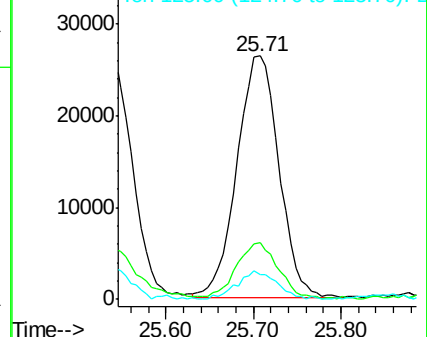
125 10.0 5.4 8.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 3.75 ng/ul

RT: 30.07 min Scan# 4456

Delta R.T. -0.02 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

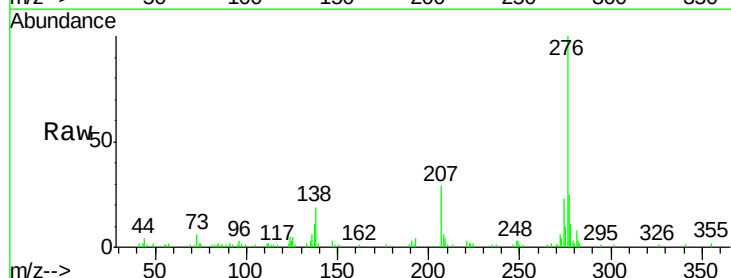
Tgt Ion:276 Resp: 80661

Ion Ratio Lower Upper

276 100

138 18.6 8.2 12.4#

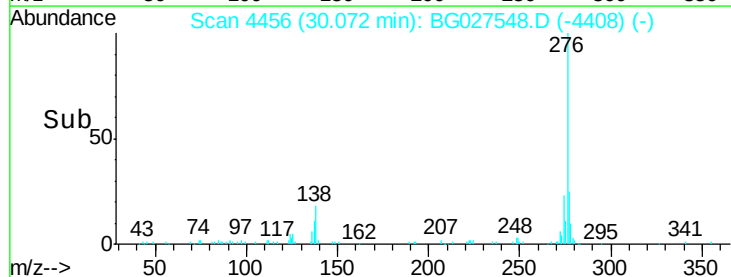
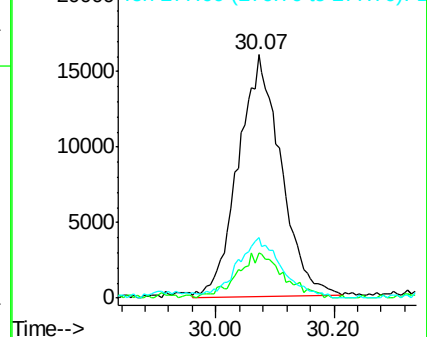
277 24.7 18.6 28.0

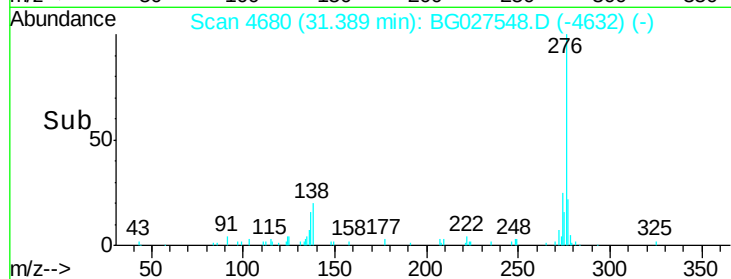
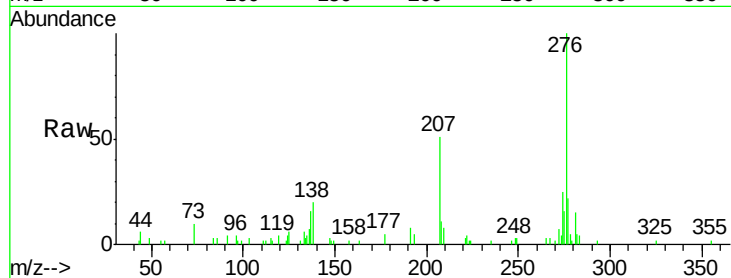
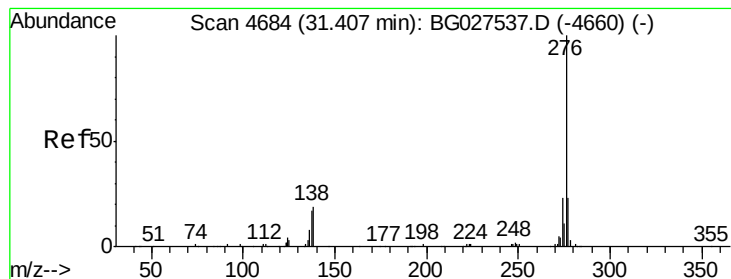


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(g,h,i)perylene

Concen: 3.18 ng/ul

RT: 31.39 min Scan# 4680

Delta R.T. -0.02 min

Lab File: BG027548.D

Acq: 20 Jun 2017 3:35

Instrument :

BNA_G

ClientSampleId :

F5A82

Tgt Ion: 276 Resp: 56044

Ion Ratio Lower Upper

276 100

138 19.5 8.6 12.8#

277 22.3 17.6 26.4

