

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
 Data File : BG025026.D
 Acq On : 9 Dec 2016 3:50
 Operator : UM/SJ
 Sample : H5863-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z7

Quant Time: Dec 09 06:35:05 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 09 01:31:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	95372	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	396288	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	334026	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	709386	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	911290	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	942286	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	6167	3.34	ng/uL	0.00
5) Phenol-d5	7.38	99	145925	17.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	91771	18.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	100936	17.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	121337	17.65	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	52475	18.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	66723	19.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	124514	18.51	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	66037	9.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	453589	19.74	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	482973	19.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	65372	16.56	ng/ul	0.00
57) Fluorene-d10	15.85	176	424170	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	94820	21.62	ng/ul	0.00
70) Anthracene-d10	17.70	188	648339	21.65	ng/ul	0.00
76) Pyrene-d10	19.97	212	785339	20.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	834210	21.85	ng/ul	0.00

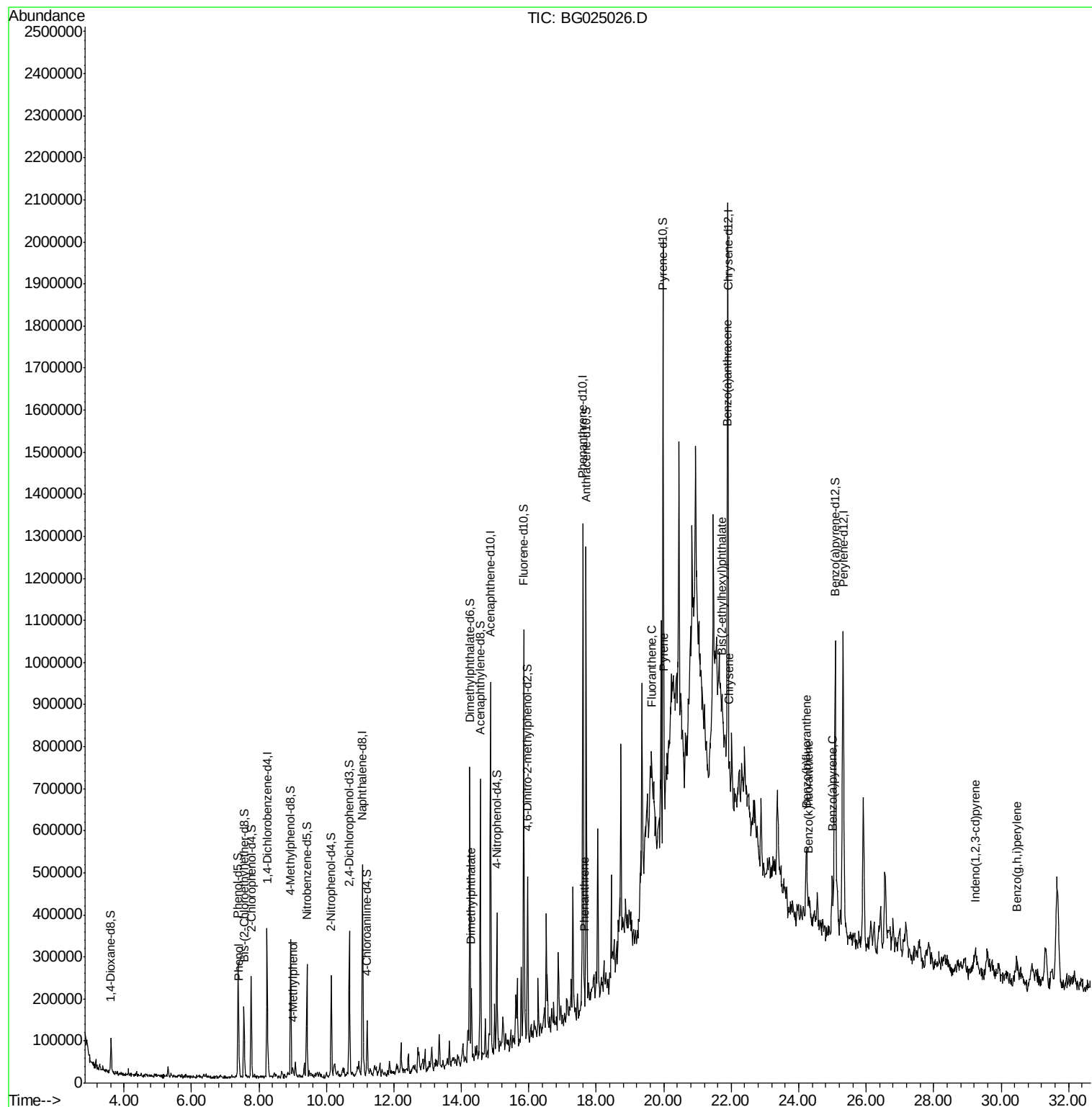
Target Compounds				Qvalue		
6) Phenol	7.41	94	21154	2.50	ng/ul#	84
16) 4-Methylphenol	9.00	108	7363	1.06	ng/ul#	73
44) Dimethylphthalate	14.30	163	103939	4.60	ng/ul	98
69) Phenanthrene	17.64	178	52730	1.56	ng/ul#	92
74) Fluoranthene	19.64	202	95991	2.39	ng/ul#	93
77) Pyrene	20.00	202	117043	2.67	ng/ul#	97
80) Benzo(a)anthracene	21.88	228	71345	1.51	ng/ul#	85
81) Bis(2-ethylhexyl)phthalate	21.74	149	26536	1.12	ng/ul#	81
82) Chrysene	21.94	228	98070	2.21	ng/ul#	94
85) Benzo(b)fluoranthene	24.22	252	169636	3.63	ng/ul#	97
86) Benzo(k)fluoranthene	24.28	252	44901	1.01	ng/ul#	91
88) Benzo(a)pyrene	24.99	252	154081	3.43	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.24	276	78481	1.41	ng/ul#	90
91) Benzo(g,h,i)perylene	30.45	276	49819	1.07	ng/ul	99

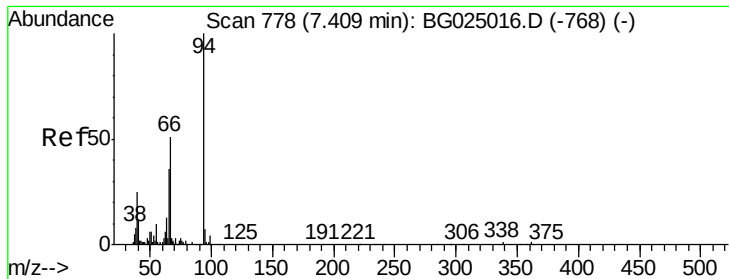
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration





#6

Phenol

Concen: 2.50 ng/ul

RT: 7.41 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Instrument :

BNA_G

ClientSampleId :

DA7Z7

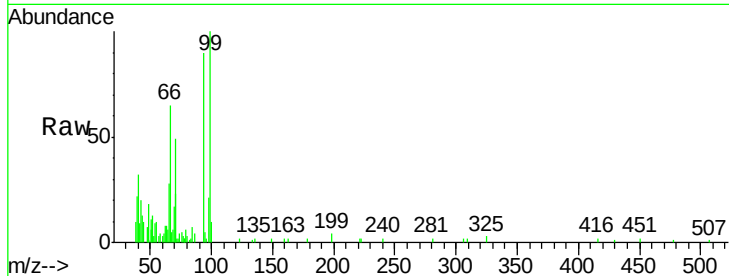
Tgt Ion: 94 Resp: 21154

Ion Ratio Lower Upper

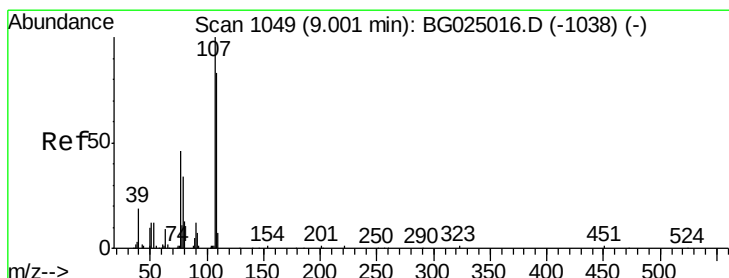
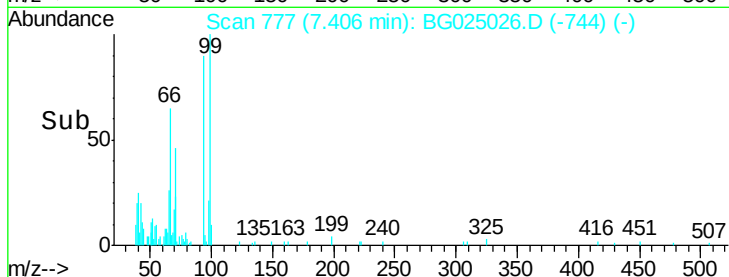
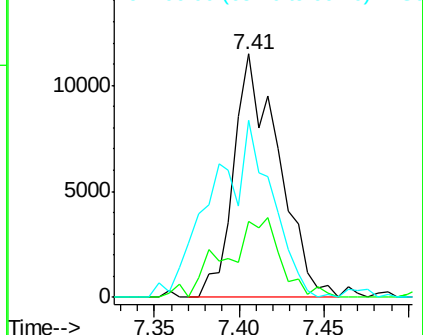
94 100

65 31.4 26.8 40.2

66 72.8 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



#16

4-Methylphenol

Concen: 1.06 ng/ul

RT: 9.00 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BG025026.D

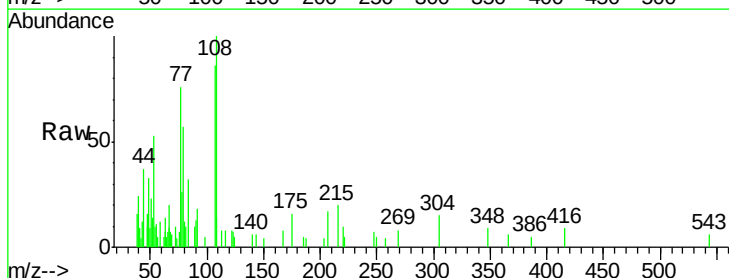
Acq: 9 Dec 2016 3:50

Tgt Ion: 108 Resp: 7363

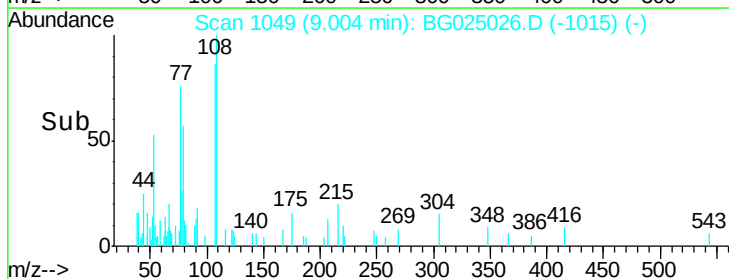
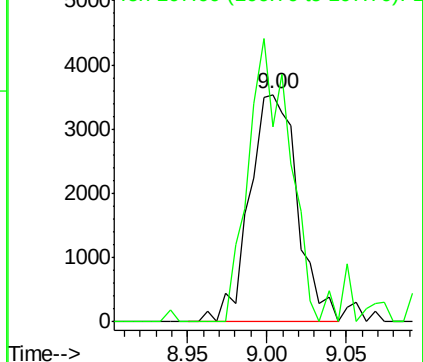
Ion Ratio Lower Upper

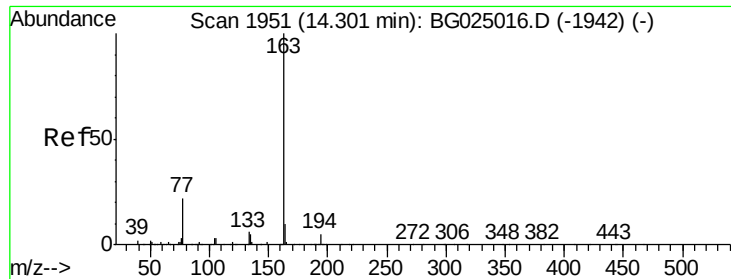
108 100

107 85.6 91.7 137.5#



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





#44

Dimethylphthalate

Concen: 4.60 ng/ul

RT: 14.30 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

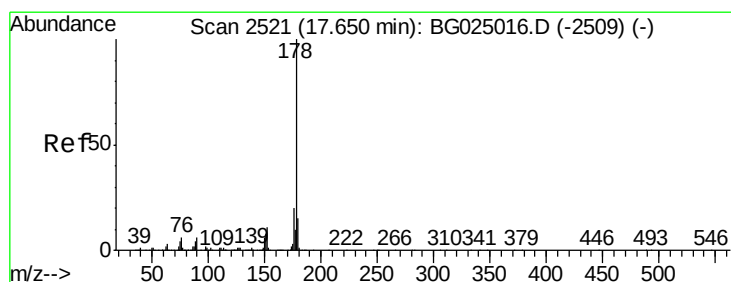
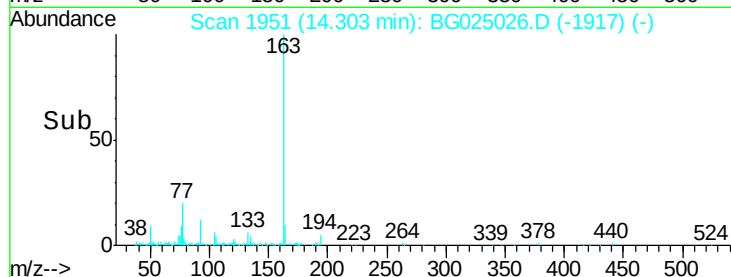
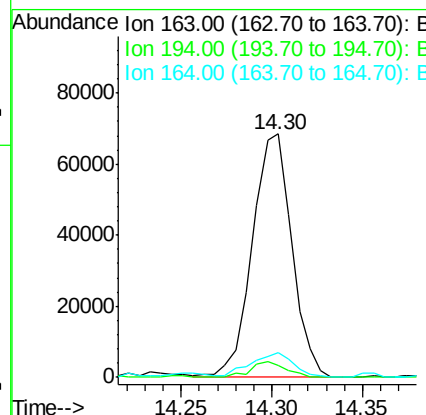
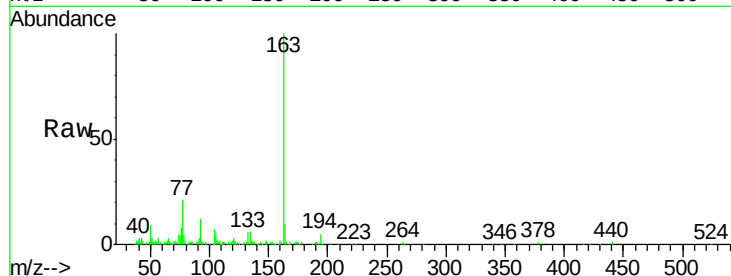
Instrument :

BNA_G

ClientSampleId :

DA7Z7

Tgt Ion:	163	Resp:	103939
Ion Ratio		Lower	Upper
163	100		
194	4.8	3.4	5.0
164	10.2	9.0	13.4



#69

Phenanthrene

Concen: 1.56 ng/ul

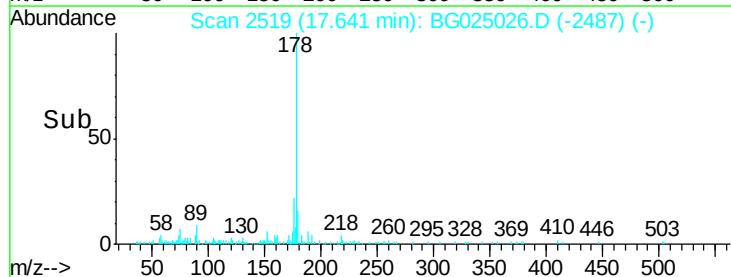
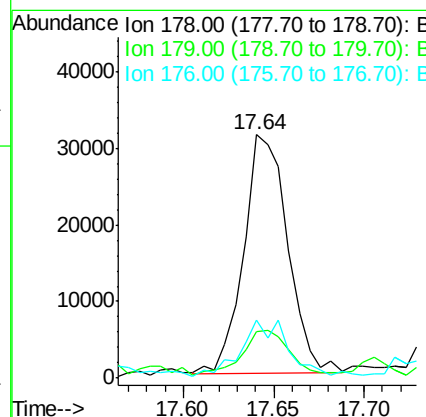
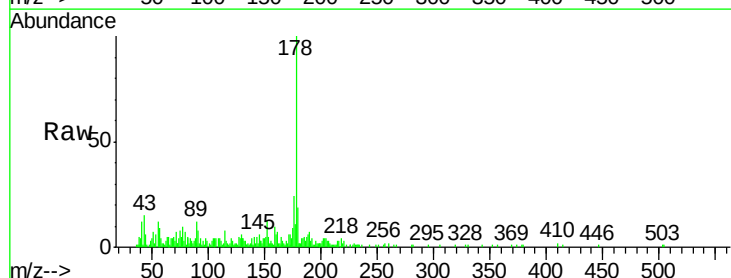
RT: 17.64 min Scan# 2519

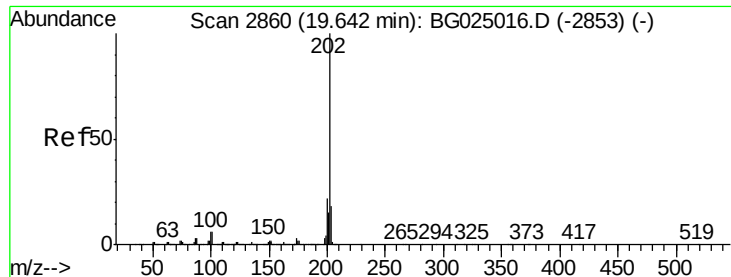
Delta R.T. -0.01 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Tgt Ion:	178	Resp:	52730
Ion Ratio		Lower	Upper
178	100		
179	19.3	12.4	18.6#
176	23.9	16.5	24.7





#74

Fluoranthene

Concen: 2.39 ng/ul

RT: 19.64 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Instrument :

BNA_G

ClientSampleId :

DA7Z7

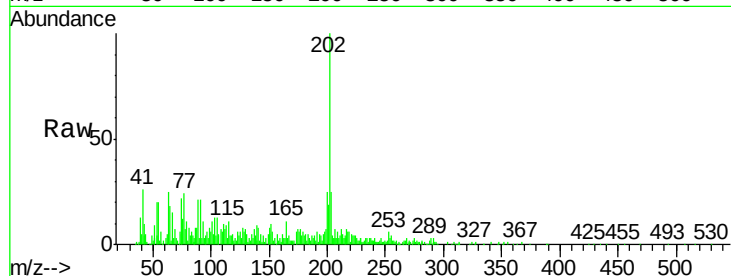
Tgt Ion:202 Resp: 95991

Ion Ratio Lower Upper

202 100

101 11.2 6.2 9.2#

100 5.7 5.2 7.8

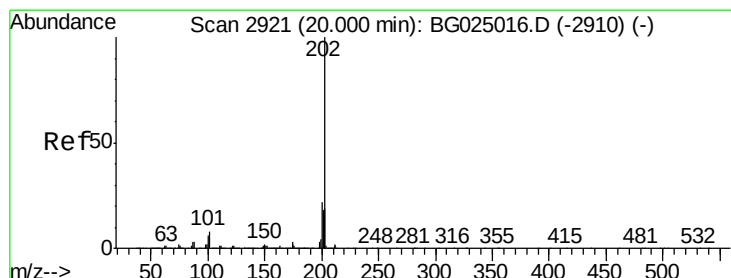
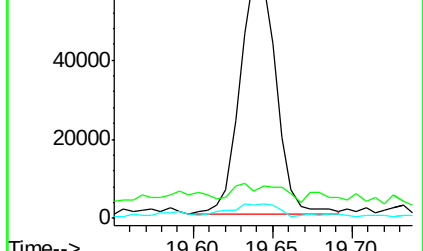
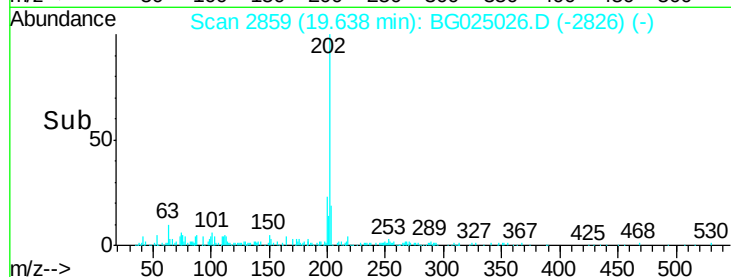


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->



#77

Pyrene

Concen: 2.67 ng/ul

RT: 20.00 min Scan# 2921

Delta R.T. 0.00 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

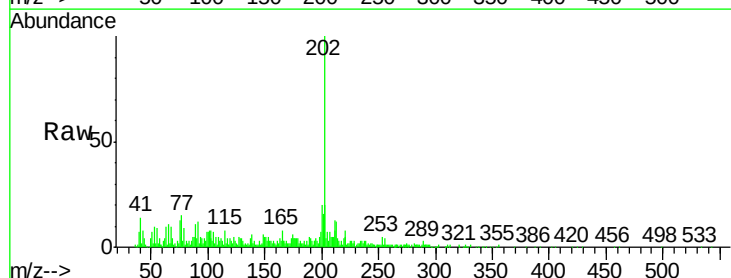
Tgt Ion:202 Resp: 117043

Ion Ratio Lower Upper

202 100

101 8.3 6.9 10.3

100 6.6 6.6 10.0#

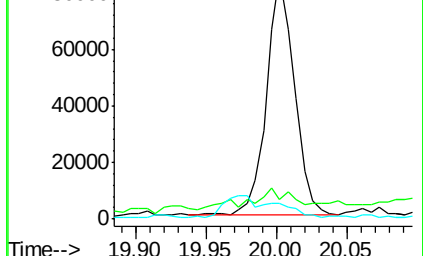
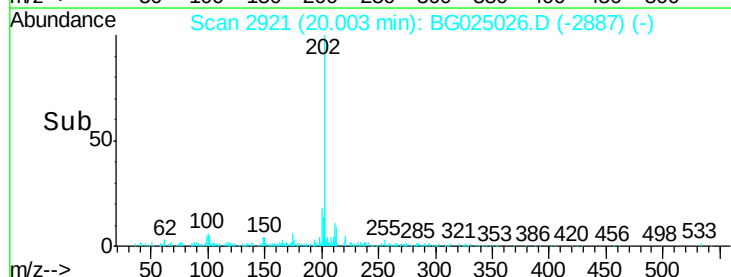


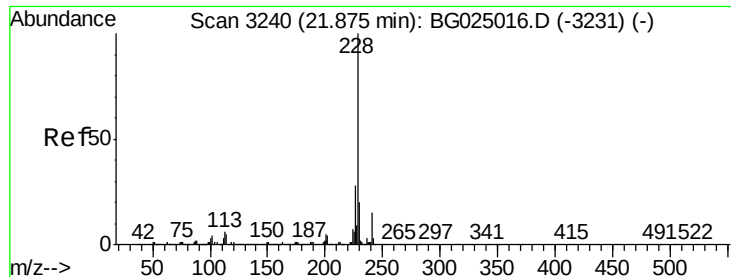
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

Time-->





#80

Benzo(a)anthracene

Concen: 1.51 ng/ul

RT: 21.88 min Scan# 3240

Delta R.T. 0.00 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Instrument :

BNA_G

ClientSampleId :

DA7Z7

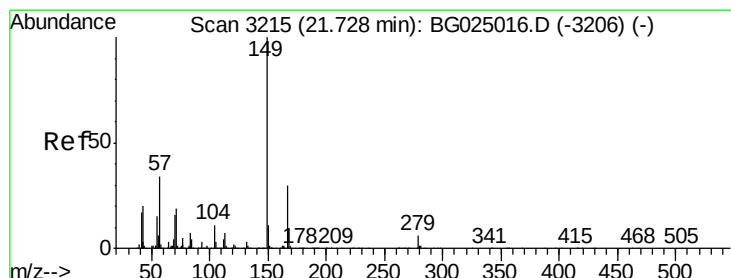
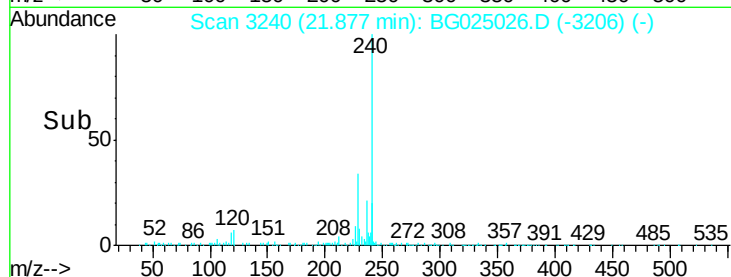
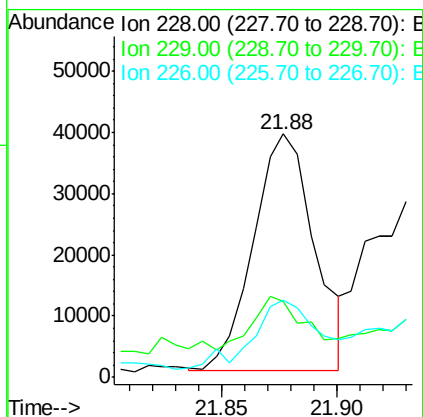
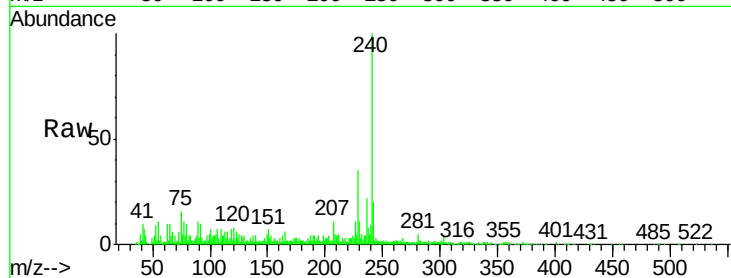
Tgt Ion: 228 Resp: 71345

Ion Ratio Lower Upper

228 100

229 31.4 16.3 24.5#

226 31.7 21.9 32.9



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.12 ng/ul

RT: 21.74 min Scan# 3216

Delta R.T. 0.01 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

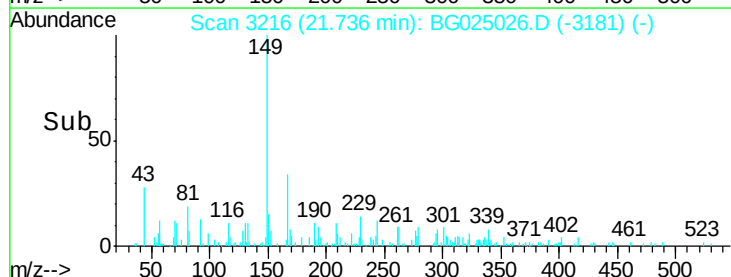
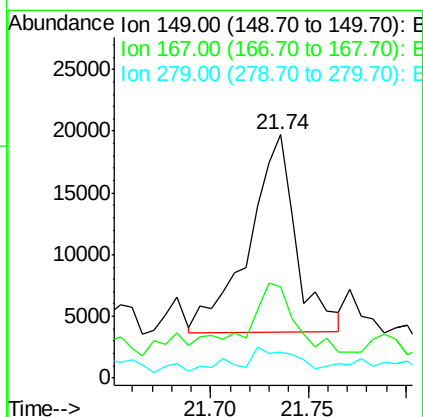
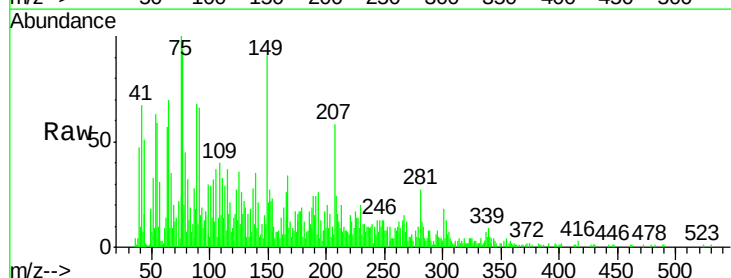
Tgt Ion: 149 Resp: 26536

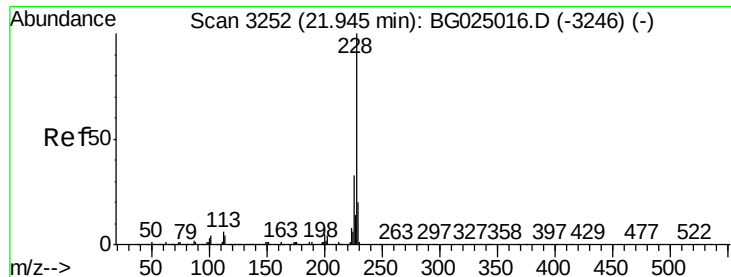
Ion Ratio Lower Upper

149 100

167 37.5 21.8 32.8#

279 10.6 4.5 6.7#





#82

Chrysene

Concen: 2.21 ng/ul

RT: 21.94 min Scan# 3251

Delta R.T. -0.00 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Instrument :

BNA_G

ClientSampleId :

DA7Z7

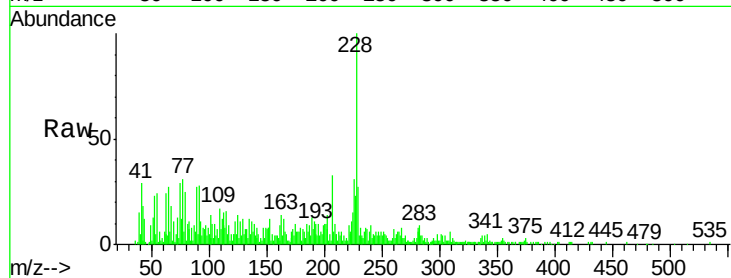
Tgt Ion:228 Resp: 98070

Ion Ratio Lower Upper

228 100

226 30.7 24.0 36.0

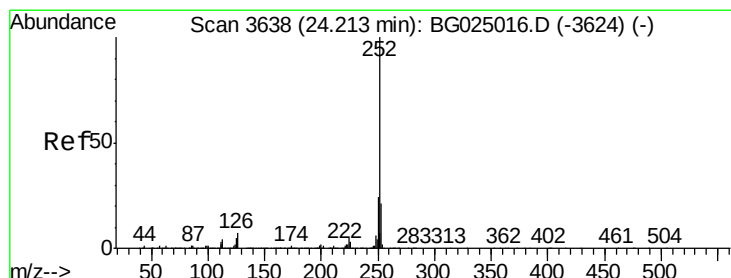
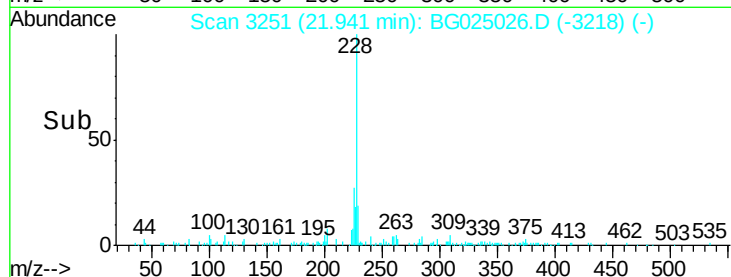
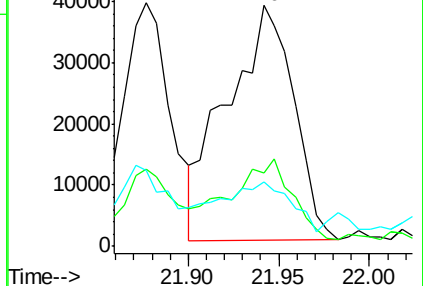
229 26.7 16.9 25.3#



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: 3.63 ng/ul

RT: 24.22 min Scan# 3639

Delta R.T. 0.01 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

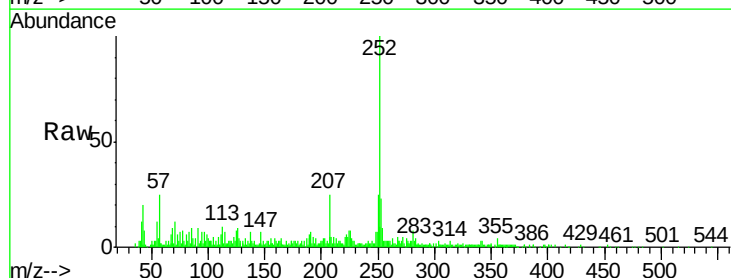
Tgt Ion:252 Resp: 169636

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

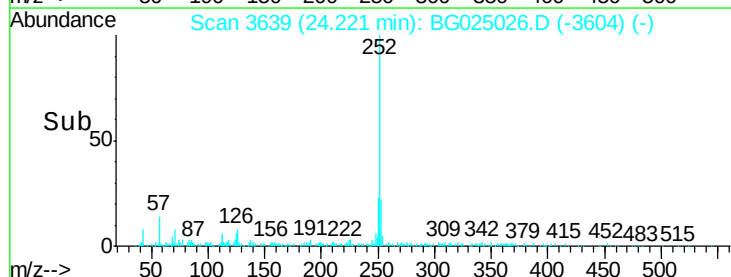
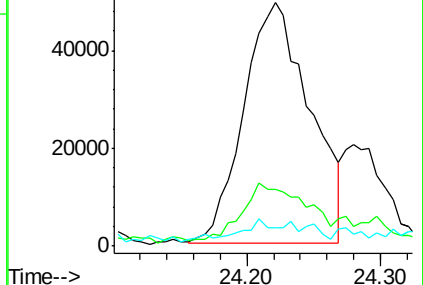
125 7.6 4.0 6.0#

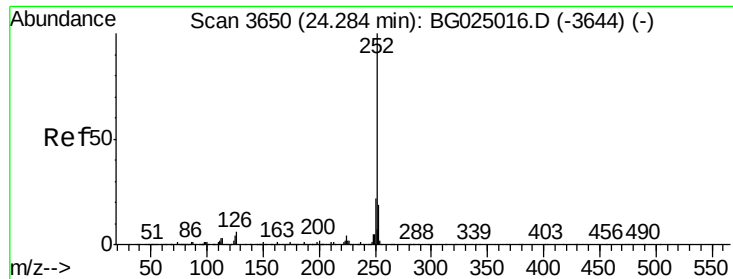


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.01 ng/ul

RT: 24.28 min Scan# 3649

Delta R.T. -0.00 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Instrument :

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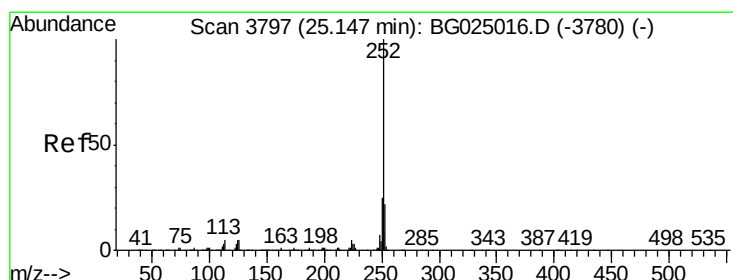
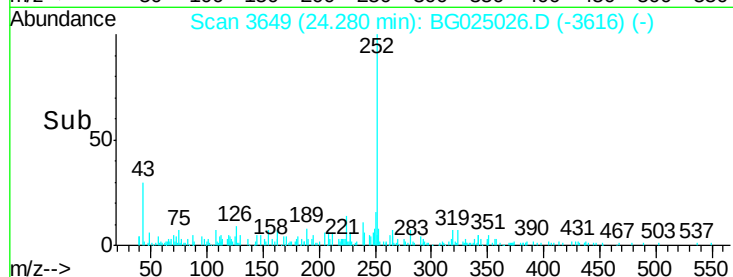
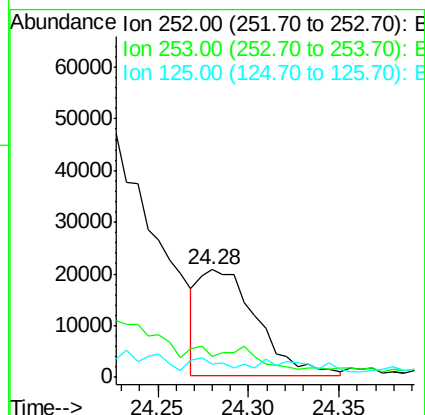
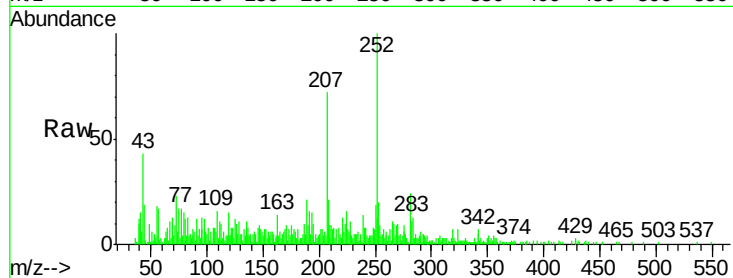
Tgt Ion:252 Resp: 44901

Ion Ratio Lower Upper

252 100

253 19.8 18.5 27.7

125 11.7 4.1 6.1#



#88

Benzo(a)pyrene

Concen: 3.43 ng/ul

RT: 24.99 min Scan# 3770

Delta R.T. -0.16 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

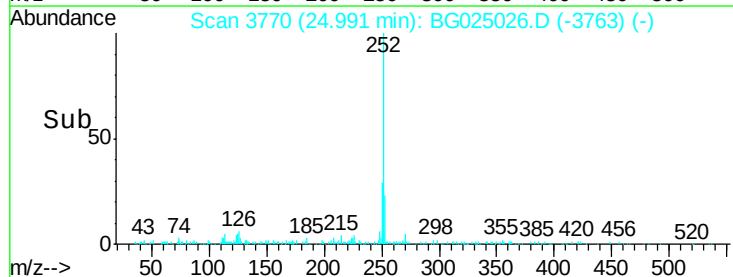
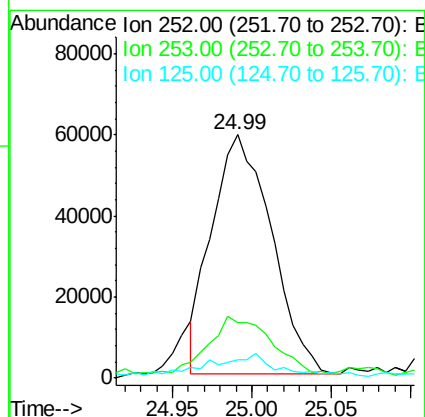
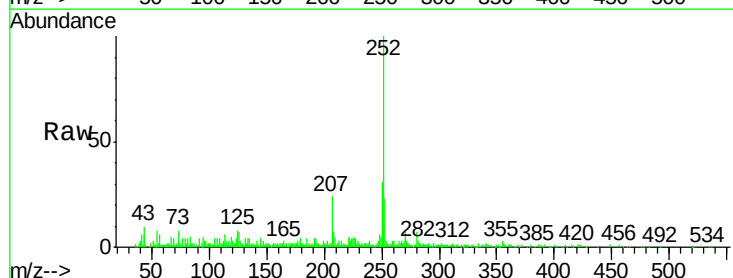
Tgt Ion:252 Resp: 154081

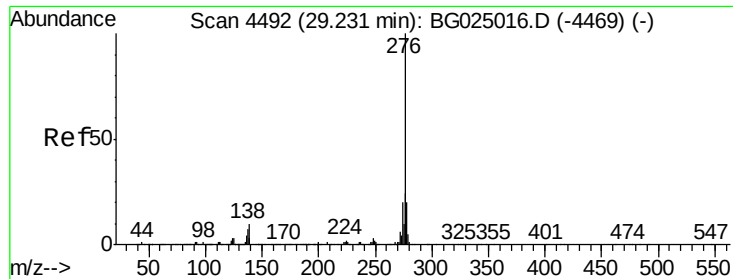
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 7.6 5.4 8.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.41 ng/ul

RT: 29.24 min Scan# 4493

Delta R.T. 0.01 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Instrument :

BNA_G

ClientSampleId :

DA7Z7

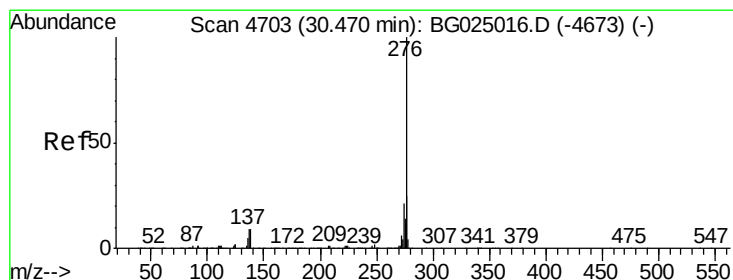
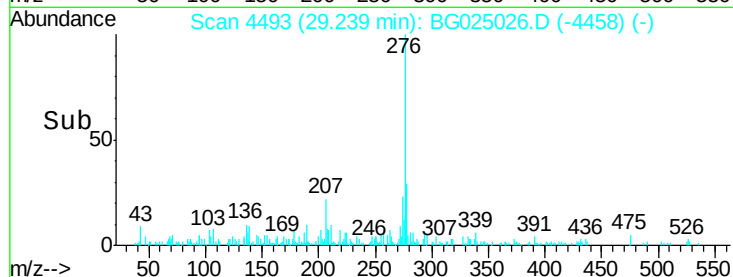
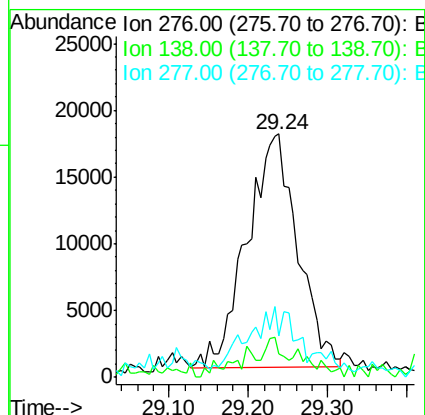
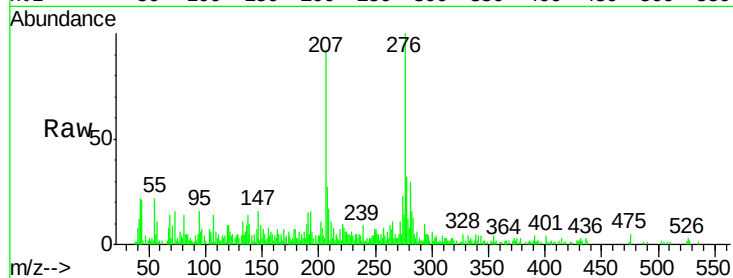
Tgt Ion:276 Resp: 78481

Ion Ratio Lower Upper

276 100

138 9.6 8.2 12.4

277 16.8 18.6 28.0#



#91

Benzo(g,h,i)perylene

Concen: 1.07 ng/ul

RT: 30.45 min Scan# 4699

Delta R.T. -0.02 min

Lab File: BG025026.D

Acq: 9 Dec 2016 3:50

Tgt Ion:276 Resp: 49819

Ion Ratio Lower Upper

276 100

138 11.0 8.6 12.8

277 22.5 17.6 26.4

