

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG112116\
 Data File : BG024882.D
 Acq On : 22 Nov 2016 6:13
 Operator : UM/SJ
 Sample : H5694-13
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSS0

Quant Time: Nov 22 06:49:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 22 01:29:33 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	161539	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	697083	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	518934	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.63	188	958559	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1181271	20.00	ng/ul	0.01
83) Perylene-d12	25.39	264	1155347	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	6695	2.15	ng/uL	0.00
5) Phenol-d5	7.41	99	172576	12.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	98282	11.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	122229	12.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	146486	12.61	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	65664	12.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	74823	11.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	147521	11.76	ng/ul	0.01
29) 4-Chloroaniline-d4	11.22	131	92736	6.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	481899	12.74	ng/ul	0.00
46) Acenaphthylene-d8	14.59	160	564705	13.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	63519	9.43	ng/ul	0.01
57) Fluorene-d10	15.87	176	443044	12.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	27722	4.21	ng/ul	0.01
70) Anthracene-d10	17.73	188	641484	15.15	ng/ul	0.00
76) Pyrene-d10	20.00	212	747639	14.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.15	264	791596	15.65	ng/ul	0.03

Target Compounds

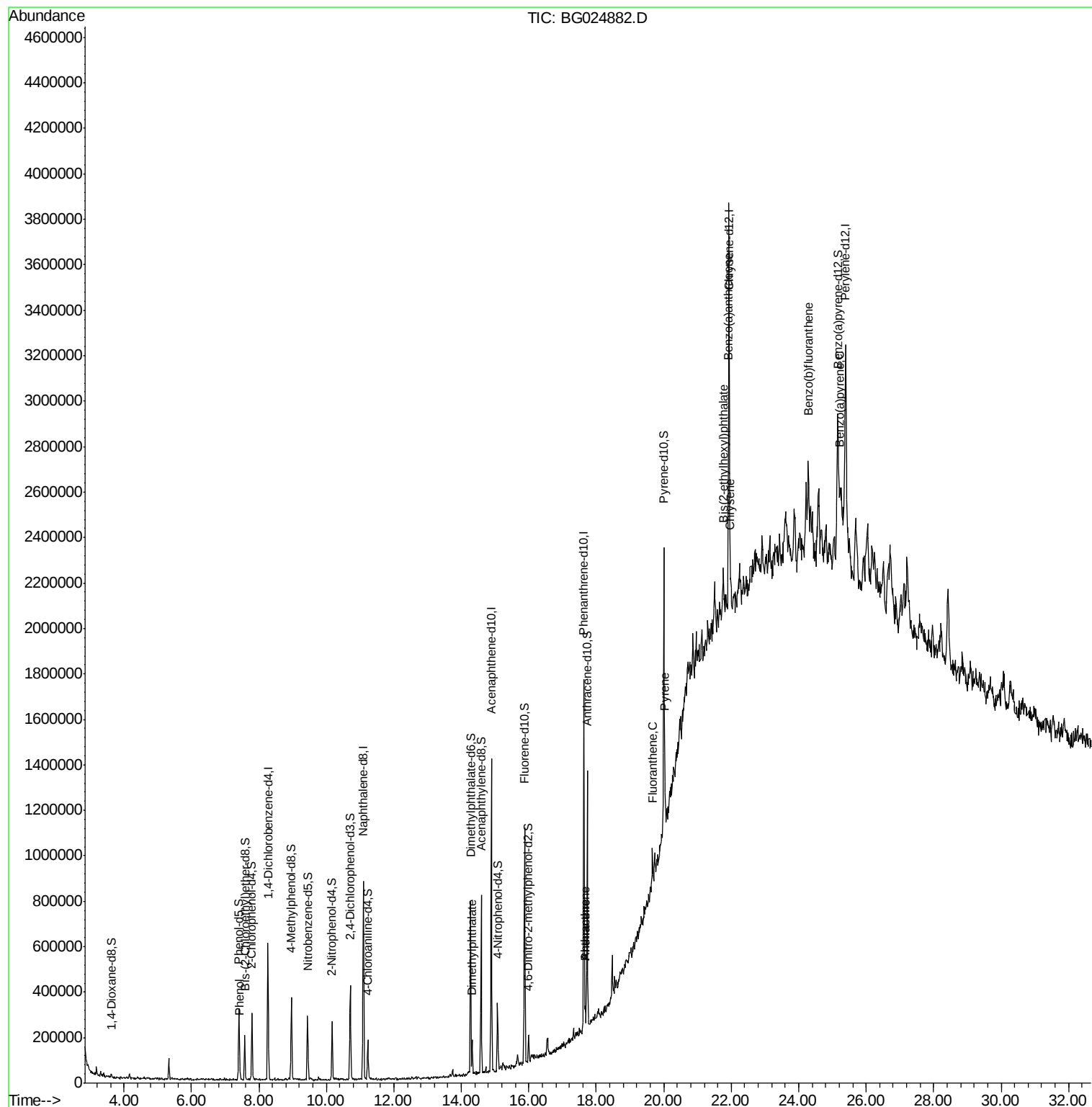
						Qvalue
6) Phenol	7.43	94	24407	1.69	ng/ul#	78
44) Dimethylphthalate	14.32	163	79019	2.18	ng/ul#	94
69) Phenanthrene	17.68	178	59117	1.24	ng/ul	98
71) Anthracene	17.68	178	59117	1.20	ng/ul	99
74) Fluoranthene	19.67	202	124411	2.24	ng/ul#	95
77) Pyrene	20.03	202	139752	2.41	ng/ul	96
80) Benzo(a)anthracene	21.91	228	96901	1.51	ng/ul#	81
81) Bis(2-ethylhexyl)phthalate	21.77	149	36691	1.13	ng/ul#	85
82) Chrysene	21.98	228	113958	1.89	ng/ul#	85
85) Benzo(b)fluoranthene	24.28	252	149935	2.46	ng/ul#	37
88) Benzo(a)pyrene	25.22	252	108331	1.84	ng/ul#	66

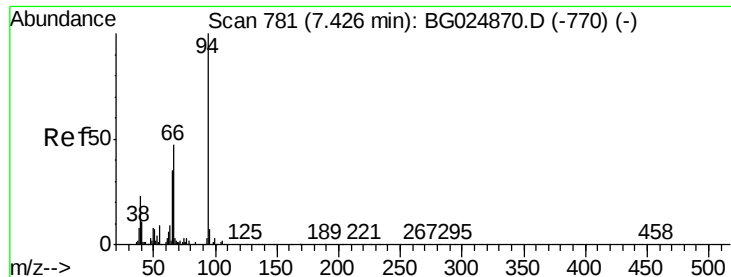
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.69 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. 0.01 min

Lab File: BG024882.D

Acq: 22 Nov 2016 6:13

Instrument :

BNA_G

ClientSampleId :

JHSS0

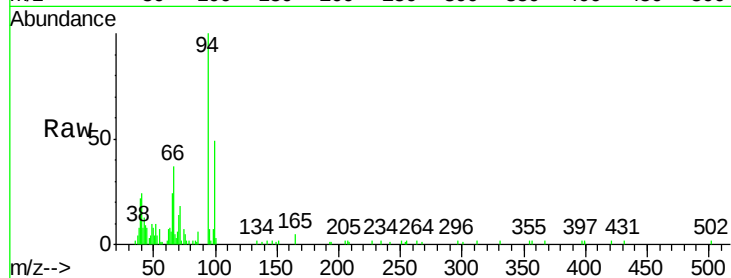
Tgt Ion: 94 Resp: 24407

Ion Ratio Lower Upper

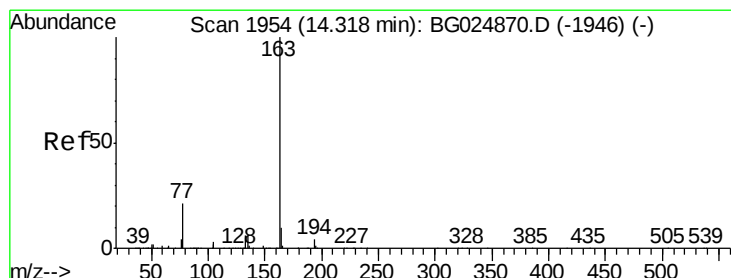
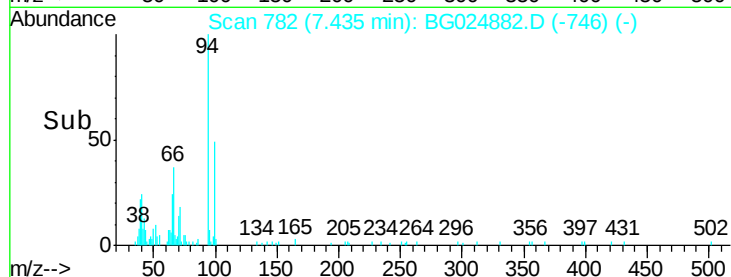
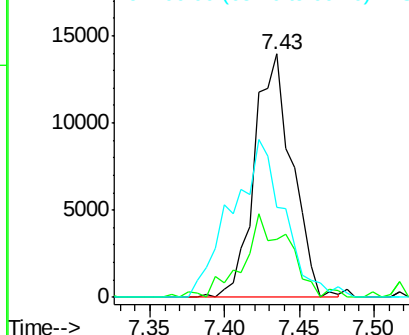
94 100

65 23.6 26.8 40.2#

66 37.2 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: 2.18 ng/ul

RT: 14.32 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG024882.D

Acq: 22 Nov 2016 6:13

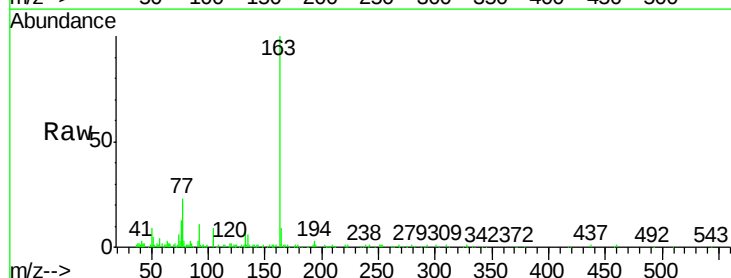
Tgt Ion:163 Resp: 79019

Ion Ratio Lower Upper

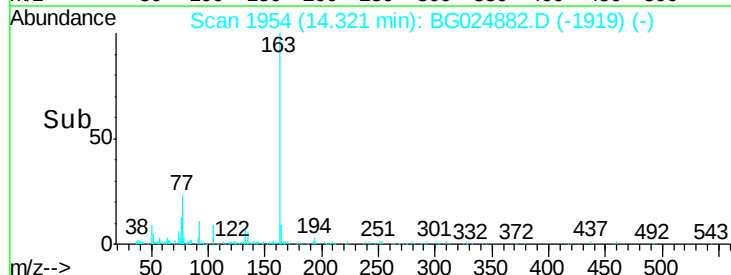
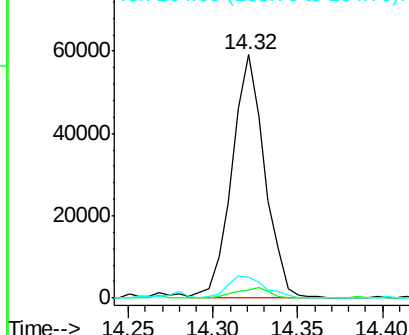
163 100

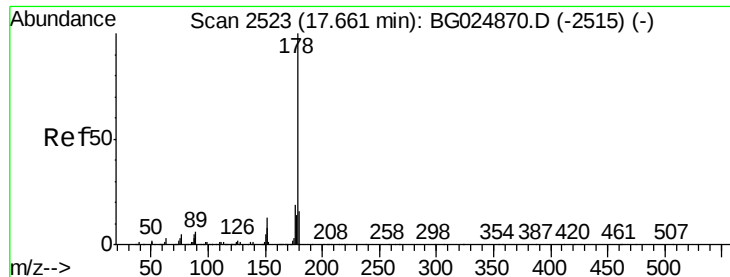
194 3.2 3.4 5.0#

164 8.5 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





#69

Phenanthrene

Concen: 1.24 ng/ul

RT: 17.68 min Scan# 2525

Delta R.T. 0.01 min

Lab File: BG024882.D

Acq: 22 Nov 2016 6:13

Instrument :

BNA_G

ClientSampleId :

JHSS0

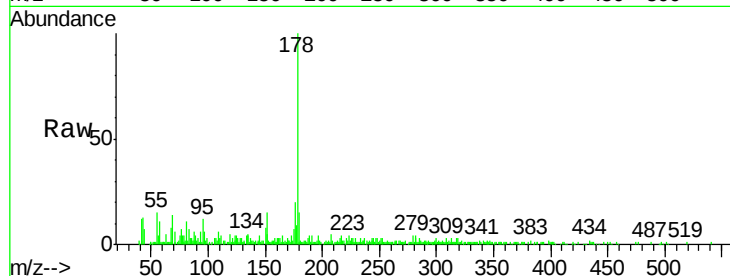
Tgt Ion:178 Resp: 59117

Ion Ratio Lower Upper

178 100

179 14.7 12.4 18.6

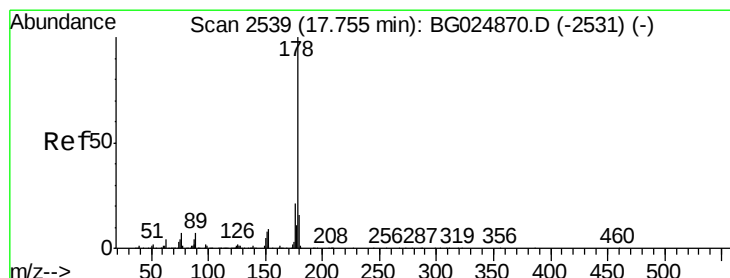
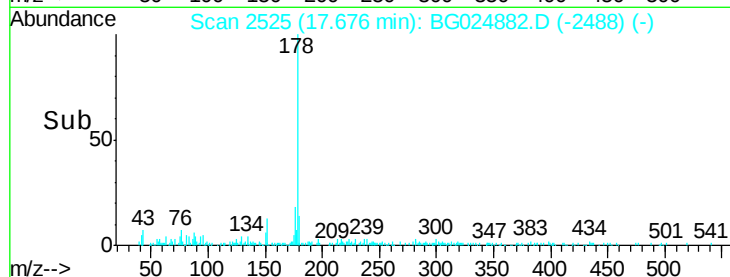
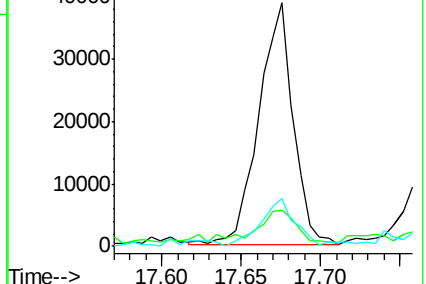
176 19.7 16.5 24.7



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



#71

Anthracene

Concen: 1.20 ng/ul

RT: 17.68 min Scan# 2525

Delta R.T. -0.08 min

Lab File: BG024882.D

Acq: 22 Nov 2016 6:13

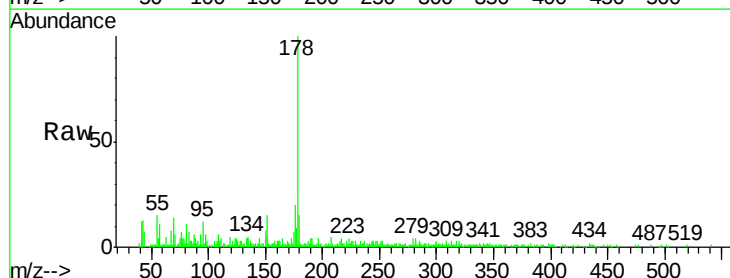
Tgt Ion:178 Resp: 59117

Ion Ratio Lower Upper

178 100

179 14.7 12.6 19.0

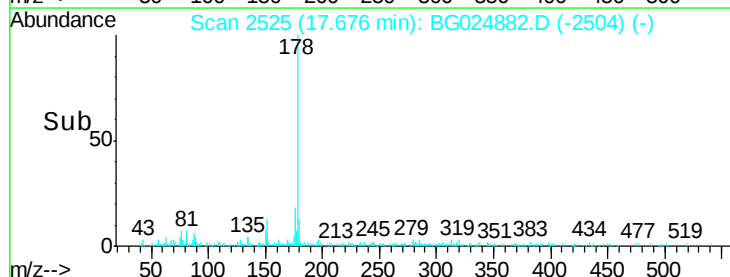
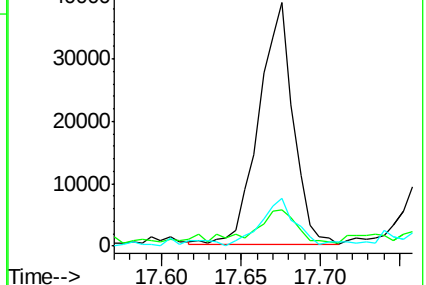
176 19.7 15.9 23.9

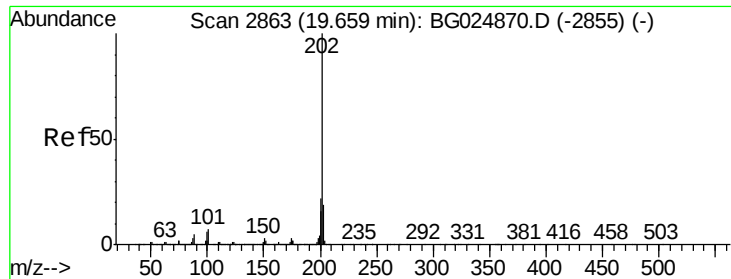


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.24 ng/ul

RT: 19.67 min Scan# 2864

Delta R.T. 0.01 min

Lab File: BG024882.D

Acq: 22 Nov 2016 6:13

Instrument :

BNA_G

ClientSampleId :

JHSS0

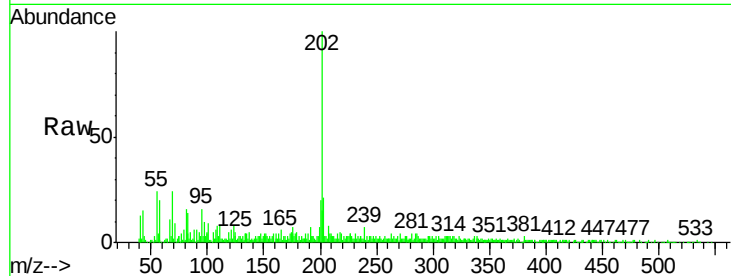
Tgt Ion:202 Resp: 124411

Ion Ratio Lower Upper

202 100

101 9.0 6.2 9.2

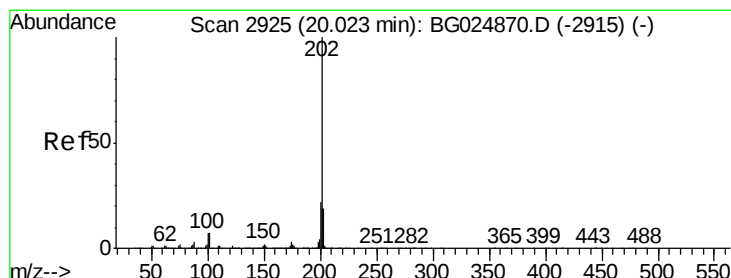
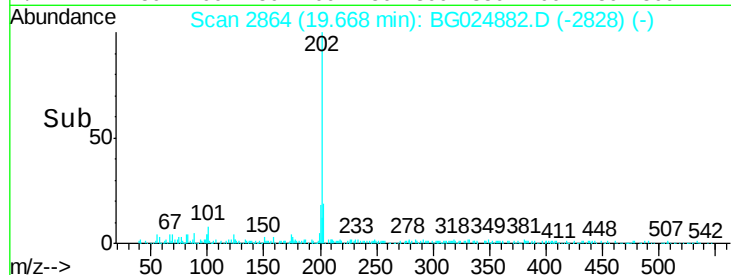
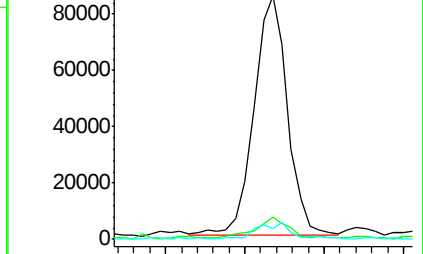
100 4.4 5.2 7.8#



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: 2.41 ng/ul

RT: 20.03 min Scan# 2925

Delta R.T. 0.00 min

Lab File: BG024882.D

Acq: 22 Nov 2016 6:13

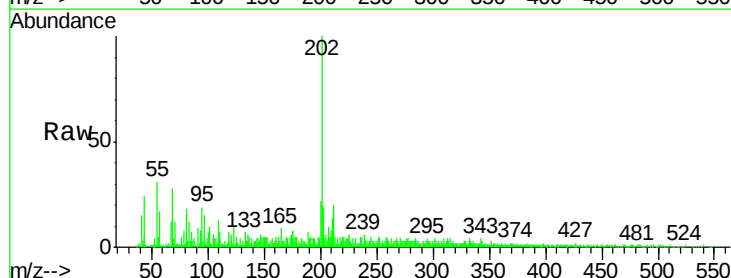
Tgt Ion:202 Resp: 139752

Ion Ratio Lower Upper

202 100

101 9.6 6.9 10.3

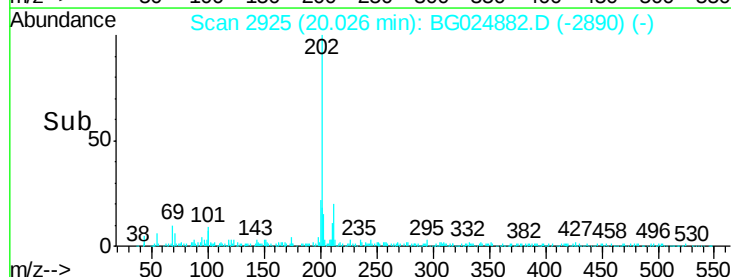
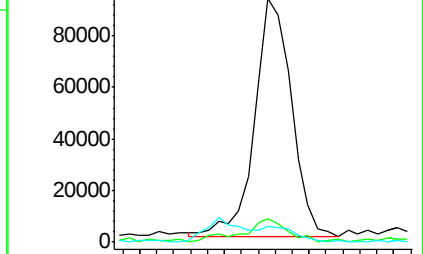
100 6.7 6.6 10.0

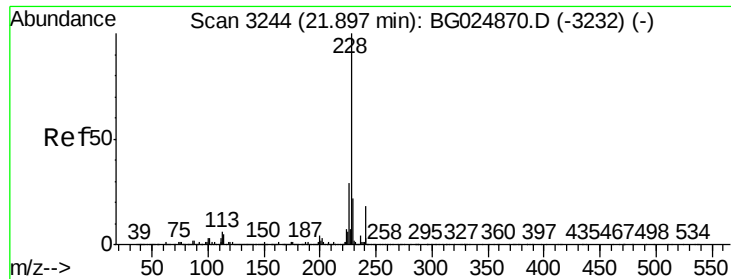


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.51 ng/ul

RT: 21.91 min Scan# 3246

Delta R.T. 0.01 min

Lab File: BG024882.D

Acq: 22 Nov 2016 6:13

Instrument :

BNA_G

ClientSampleId :

JHSS0

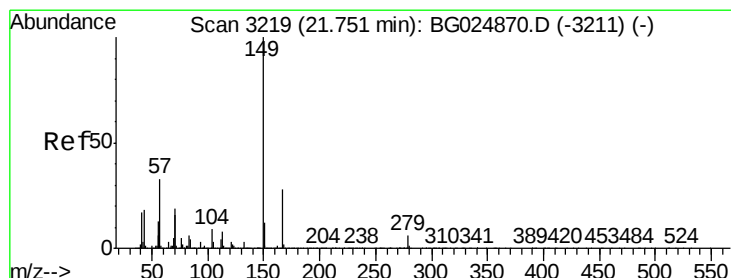
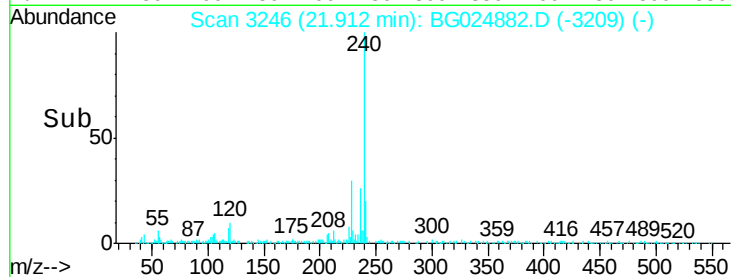
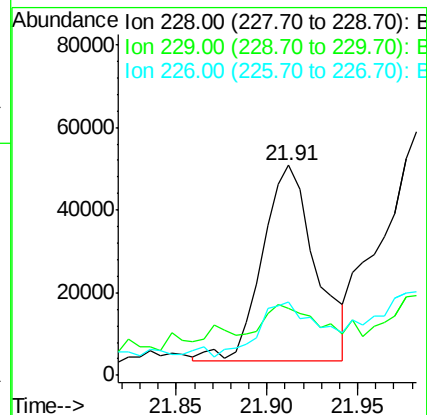
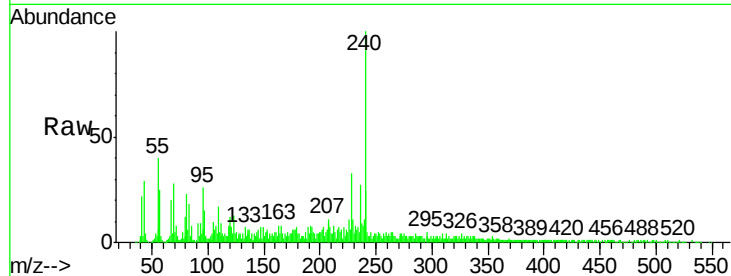
Tgt Ion:228 Resp: 96901

Ion Ratio Lower Upper

228 100

229 32.2 16.3 24.5#

226 35.0 21.9 32.9#



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.13 ng/ul

RT: 21.77 min Scan# 3221

Delta R.T. 0.01 min

Lab File: BG024882.D

Acq: 22 Nov 2016 6:13

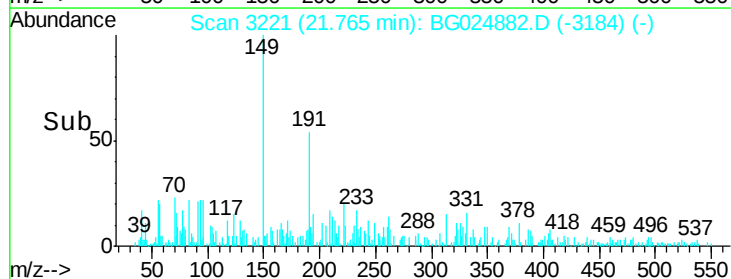
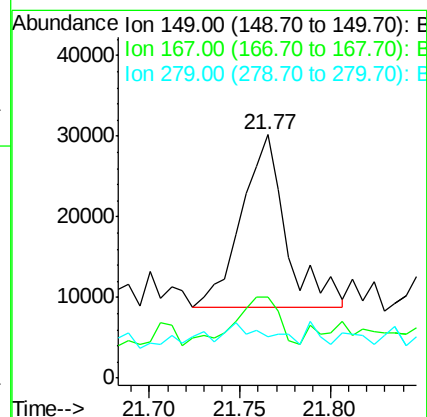
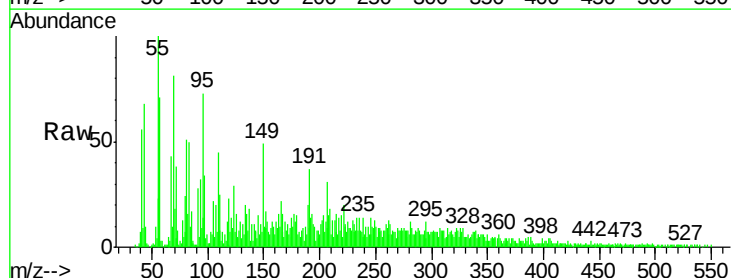
Tgt Ion:149 Resp: 36691

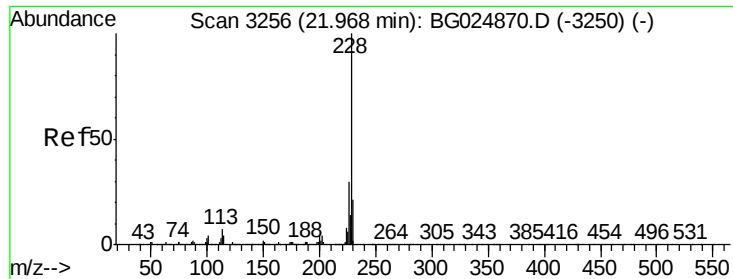
Ion Ratio Lower Upper

149 100

167 33.1 21.8 32.8#

279 16.8 4.5 6.7#





#82

Chrysene

Concen: 1.89 ng/ul

RT: 21.98 min Scan# 3258

Delta R.T. 0.01 min

Lab File: BG024882.D

Acq: 22 Nov 2016 6:13

Instrument :

BNA_G

ClientSampleId :

JHSS0

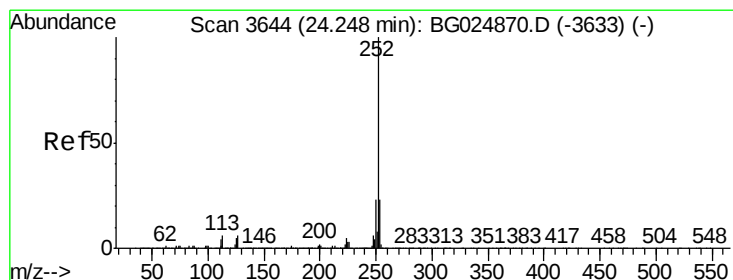
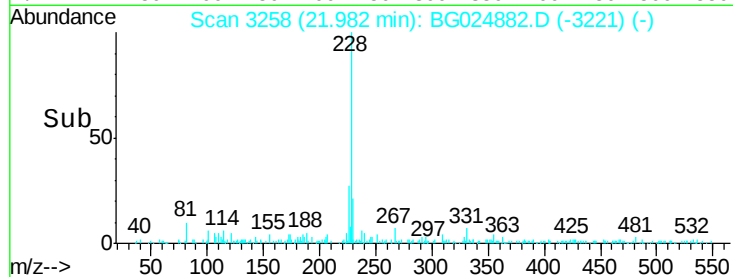
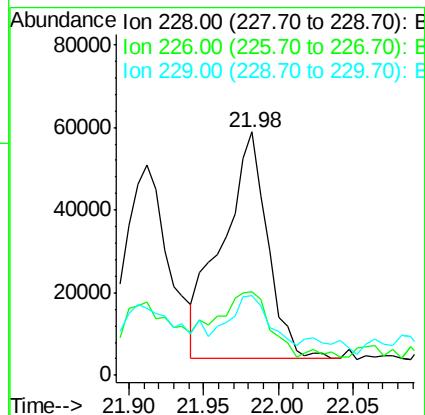
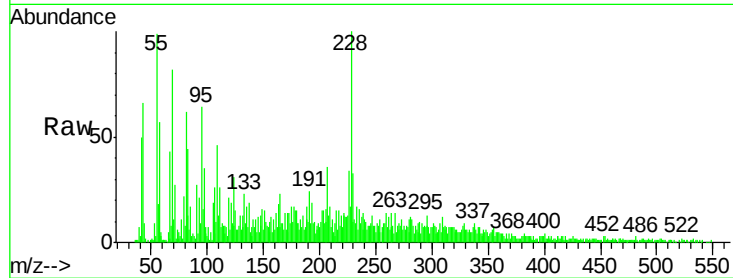
Tgt Ion:228 Resp: 113958

Ion Ratio Lower Upper

228 100

226 34.3 24.0 36.0

229 32.5 16.9 25.3#



#85

Benzo(b)fluoranthene

Concen: 2.46 ng/ul

RT: 24.28 min Scan# 3649

Delta R.T. 0.03 min

Lab File: BG024882.D

Acq: 22 Nov 2016 6:13

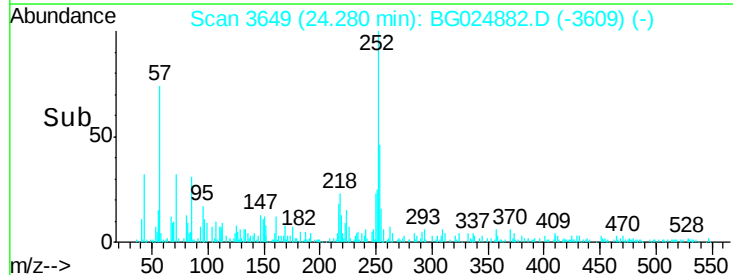
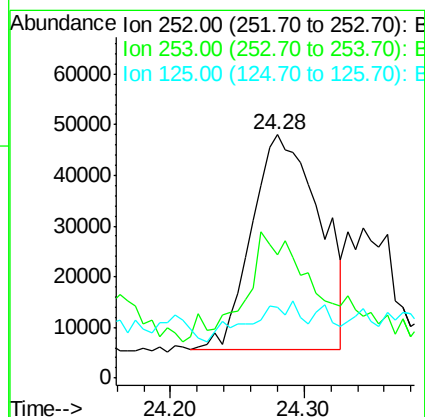
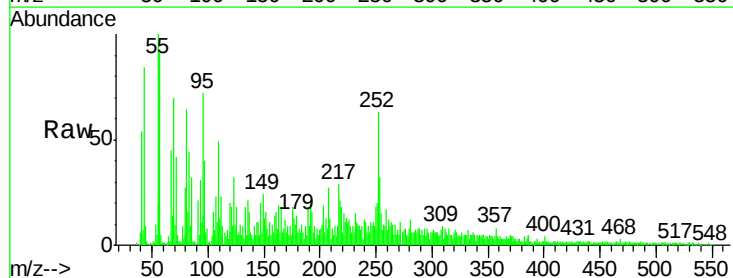
Tgt Ion:252 Resp: 149935

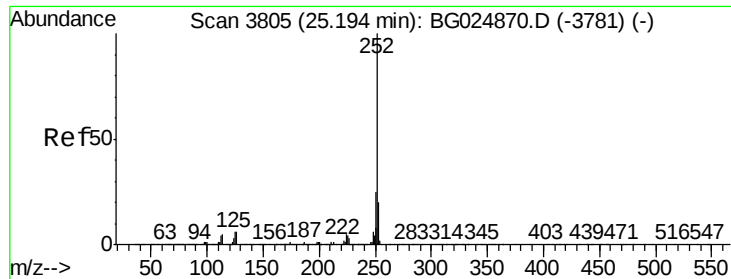
Ion Ratio Lower Upper

252 100

253 50.8 17.7 26.5#

125 29.3 4.0 6.0#





#88

Benzo(a)pyrene

Concen: 1.84 ng/ul

RT: 25.22 min Scan# 3809

Delta R.T. 0.03 min

Lab File: BG024882.D

Acq: 22 Nov 2016 6:13

Instrument :

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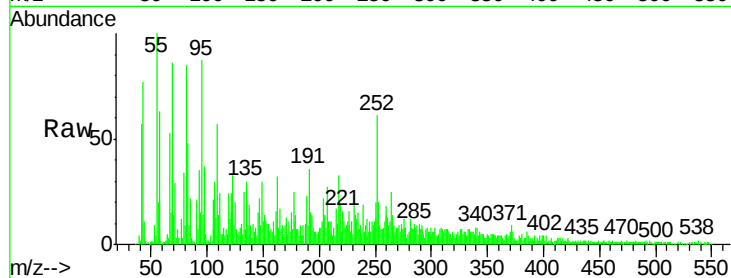
Tgt Ion: 252 Resp: 108331

Ion Ratio Lower Upper

252 100

253 32.6 17.8 26.6#

125 32.2 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

