

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021861.D
 Acq On : 12 May 2016 2:21
 Operator : UM/SJ
 Sample : H2936-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WF5

Quant Time: May 12 07:35:07 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	70280	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	337874	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	198489	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	428501	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	433635	20.00	ng/ul	0.00
84) Perylene-d12	25.19	264	424178	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	4331	2.97	ng/uL	0.00
5) Phenol-d5	7.33	99	86118	16.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	48086	18.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	86473	21.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	51463	11.75	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	44184	19.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	46544	33.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.77	165	195	0.05	ng/ul	0.16
29) 4-Chloroaniline-d4	11.31	131	66	0.02	ng/ul	0.18
44) Dimethylphthalate-d6	14.20	166	271652	19.48	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	375782	18.98	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	21702	9.08	ng/ul	0.00
58) Fluorene-d10	15.79	176	259986	17.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	27421	23.10	ng/ul	0.00
71) Anthracene-d10	17.65	188	366398	17.57	ng/ul	0.00
77) Pyrene-d10	19.92	212	393083	19.37	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.96	264	359251	17.83	ng/ul	0.02

Target Compounds

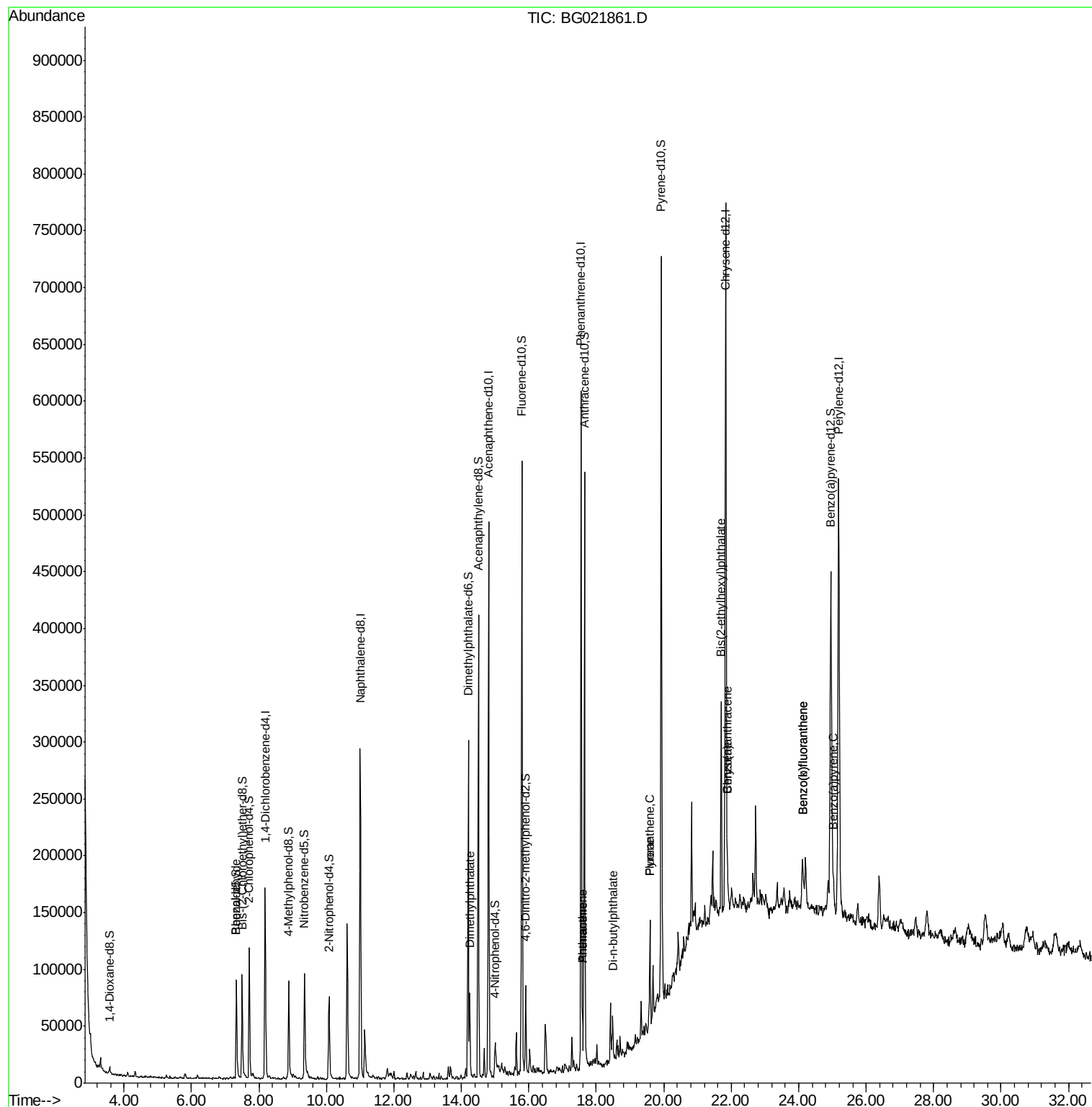
						Ovalue
4) Benzaldehyde	7.33	77	744	1.31	ng/ul#	42
45) Dimethylphthalate	14.25	163	59330	4.18	ng/ul	98
70) Phenanthrene	17.59	178	33264	1.42	ng/ul	98
72) Anthracene	17.59	178	33264	1.40	ng/ul	95
74) Di-n-butylphthalate	18.49	149	33601	1.79	ng/ul#	96
75) Fluoranthene	19.59	202	63838	2.40	ng/ul#	96
78) Pyrene	19.59	202	63984	2.55	ng/ul	98
81) Benzo(a)anthracene	21.88	228	41044	1.70	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.70	149	107409	11.86	ng/ul	96
83) Chrysene	21.88	228	41092	1.72	ng/ul	95
86) Benzo(b)fluoranthene	24.12	252	56904	2.34	ng/ul#	87
87) Benzo(k)fluoranthene	24.12	252	56904	2.19	ng/ul#	86
89) Benzo(a)pyrene	25.03	252	36515	1.51	ng/ul#	91

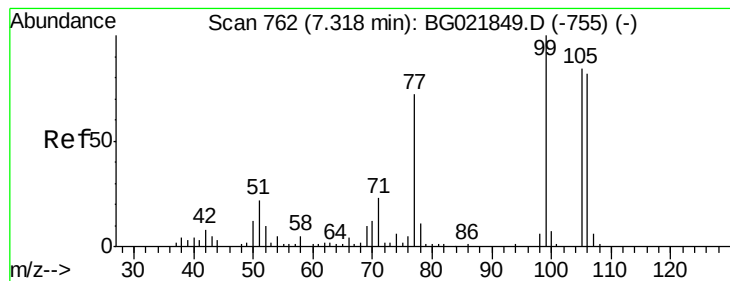
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.31 ng/ul

RT: 7.33 min Scan# 764

Delta R.T. 0.01 min

Lab File: BG021861.D

Acq: 12 May 2016 2:21

Instrument :

BNA_G

ClientSampled :

D9WF5

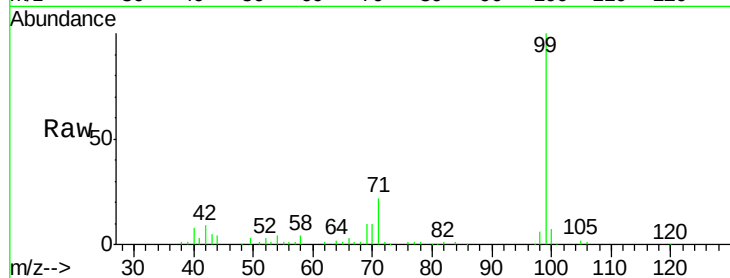
Tot Ion: 77 Resp: 744

Ion Ratio Lower Upper

77 100

105 167.7 68.5 102.7#

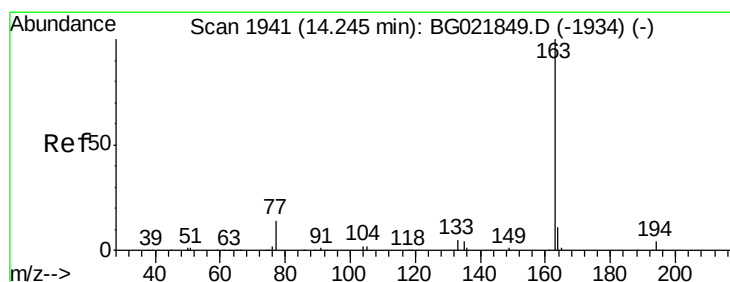
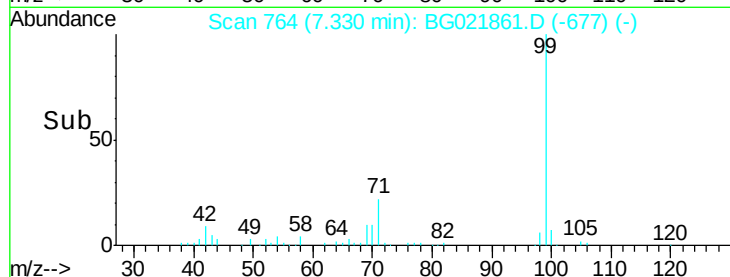
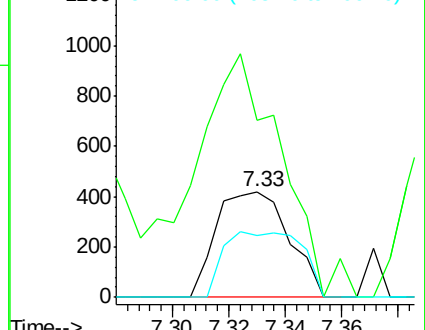
106 58.9 65.0 97.4#



Abundance Ion 77.00 (76.70 to 77.70): BG021849.D (-755) (-)

Ion 105.00 (104.70 to 105.70): BG021849.D (-755) (-)

Ion 106.00 (105.70 to 106.70): BG021849.D (-755) (-)



#45

Dimethylphthalate

Concen: 4.18 ng/ul

RT: 14.25 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BG021861.D

Acq: 12 May 2016 2:21

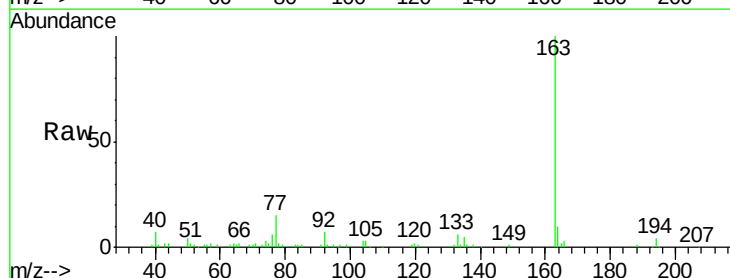
Tgt Ion: 163 Resp: 59330

Ion Ratio Lower Upper

163 100

194 4.0 3.9 5.9

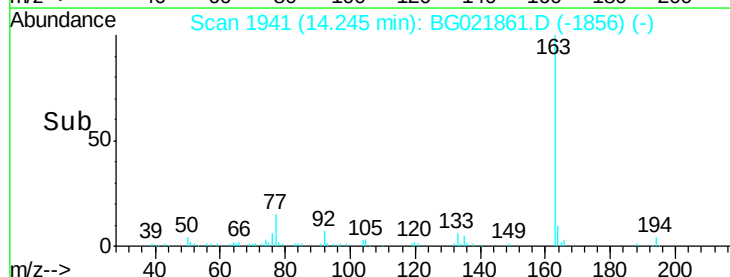
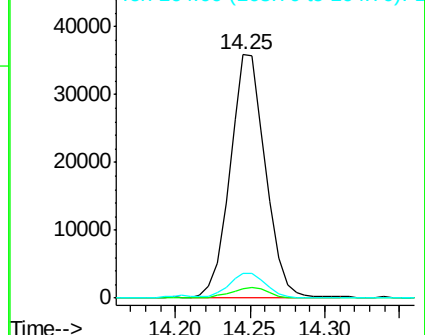
164 10.0 8.7 13.1

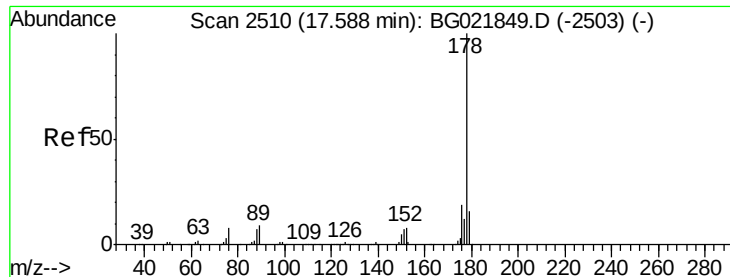


Abundance Ion 163.00 (162.70 to 163.70): BG021849.D (-1934) (-)

Ion 194.00 (193.70 to 194.70): BG021849.D (-1934) (-)

Ion 164.00 (163.70 to 164.70): BG021849.D (-1934) (-)





#70

Phenanthrene

Concen: 1.42 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG021861.D

Acq: 12 May 2016 2:21

Instrument :

BNA_G

ClientSampled :

D9WF5

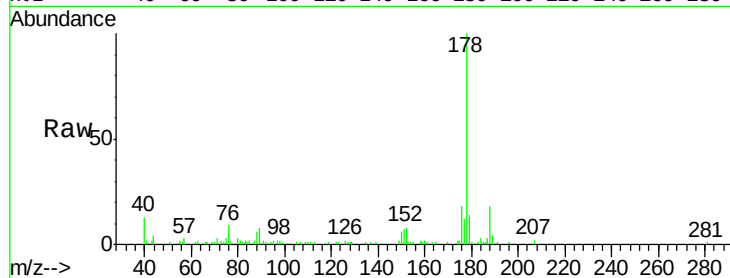
Tot Ion:178 Resp: 33264

Ion Ratio Lower Upper

178 100

179 13.8 11.8 17.8

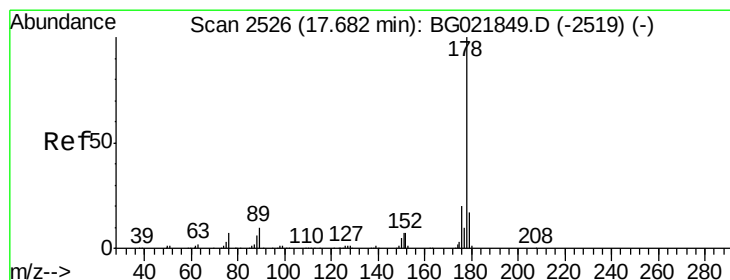
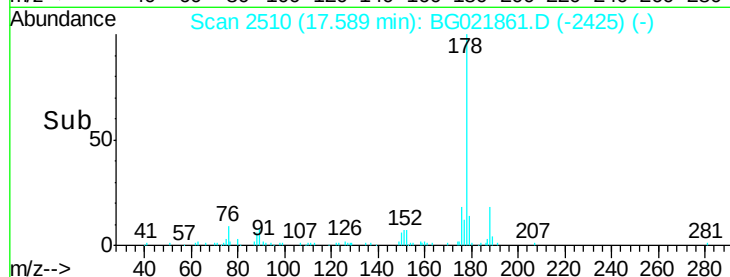
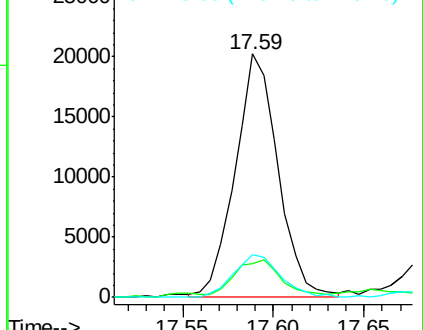
176 17.7 14.8 22.2



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



#72

Anthracene

Concen: 1.40 ng/ul

RT: 17.59 min Scan# 2510

Delta R.T. -0.09 min

Lab File: BG021861.D

Acq: 12 May 2016 2:21

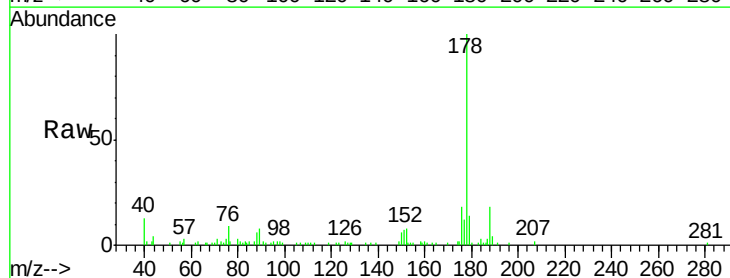
Tgt Ion:178 Resp: 33264

Ion Ratio Lower Upper

178 100

179 13.8 12.9 19.3

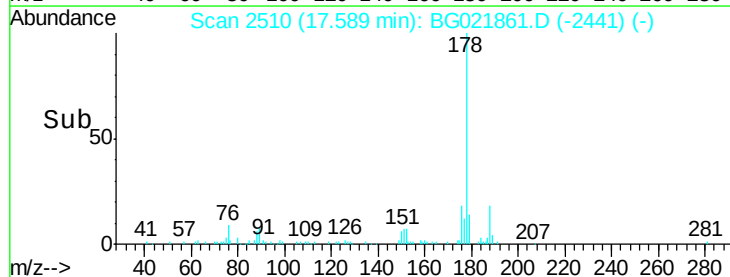
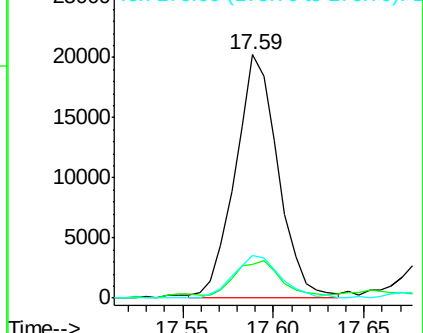
176 17.7 15.6 23.4

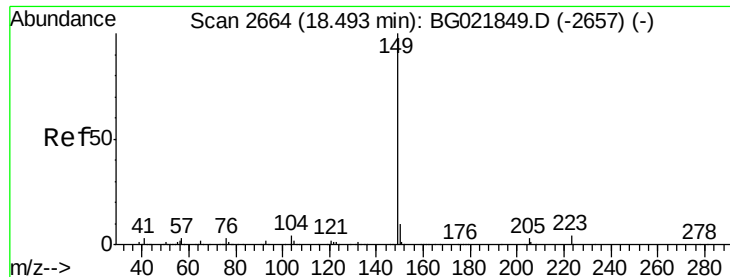


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Di-n-butylphthalate

Concen: 1.79 ng/ul

RT: 18.49 min Scan# 2664

Delta R.T. 0.00 min

Lab File: BG021861.D

Acq: 12 May 2016 2:21

Instrument :

BNA_G

ClientSampleId :

D9WF5

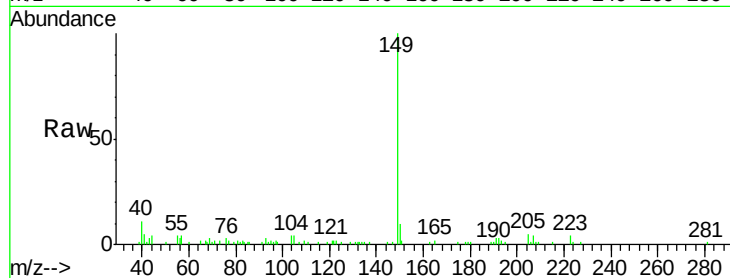
Tot Ion:149 Resp: 33601

Ion Ratio Lower Upper

149 100

150 9.8 7.5 11.3

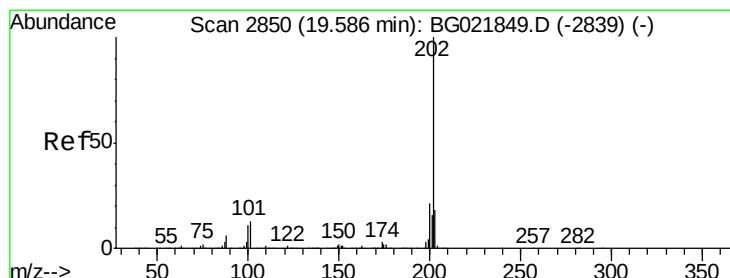
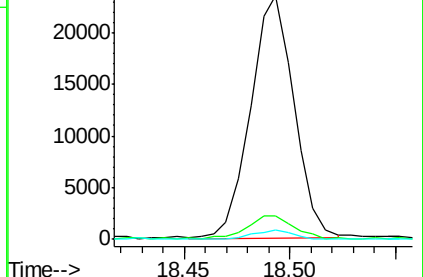
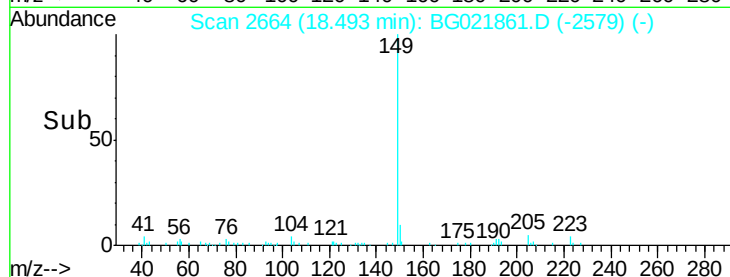
104 3.7 5.4 8.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 2.40 ng/ul

RT: 19.59 min Scan# 2851

Delta R.T. 0.01 min

Lab File: BG021861.D

Acq: 12 May 2016 2:21

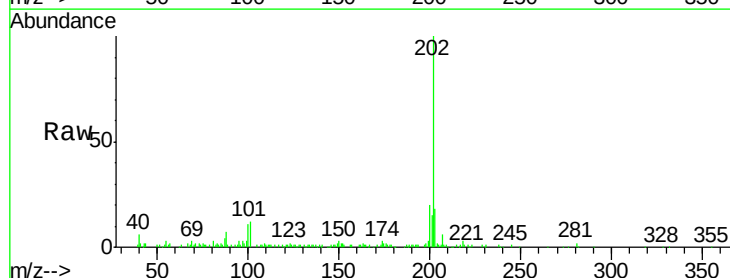
Tgt Ion:202 Resp: 63838

Ion Ratio Lower Upper

202 100

101 11.9 8.9 13.3

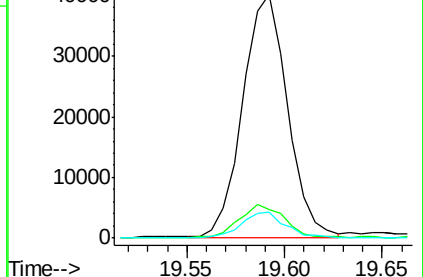
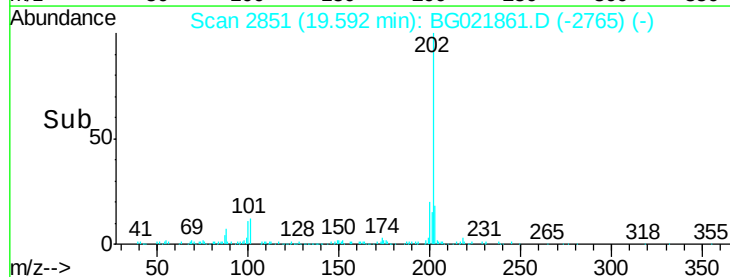
100 10.8 7.0 10.4#

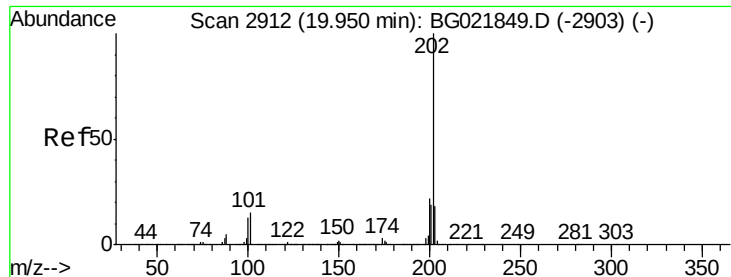


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

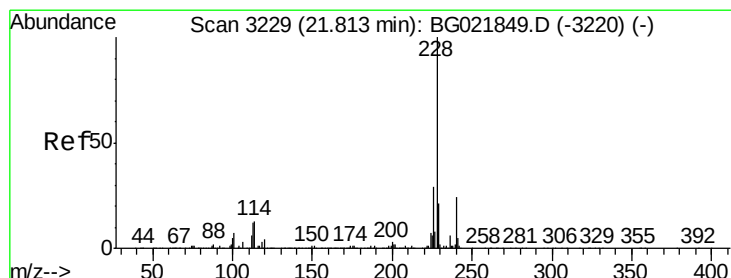
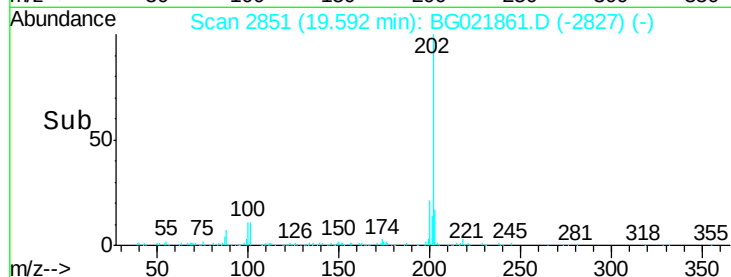
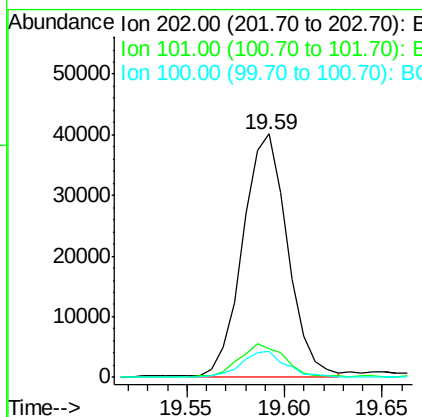
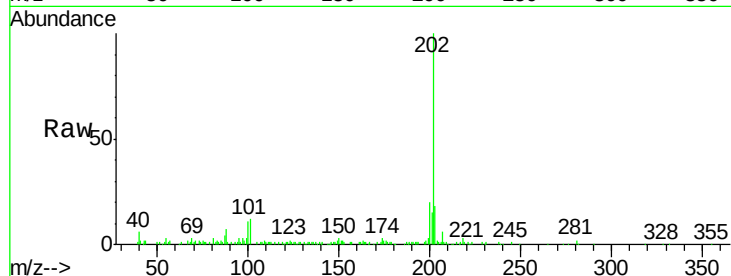




#78
Pvrene
Concen: 2.55 ng/ul
RT: 19.59 min Scan# 2851
Delta R.T. -0.36 min
Lab File: BG021861.D
Acq: 12 May 2016 2:21

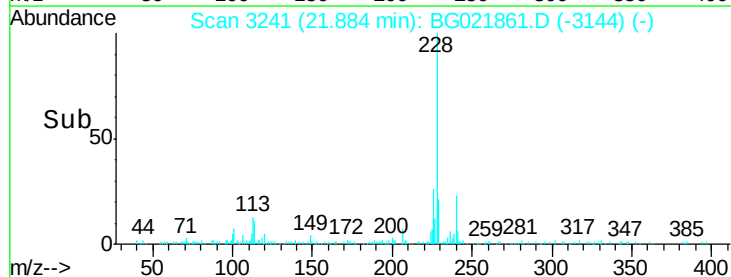
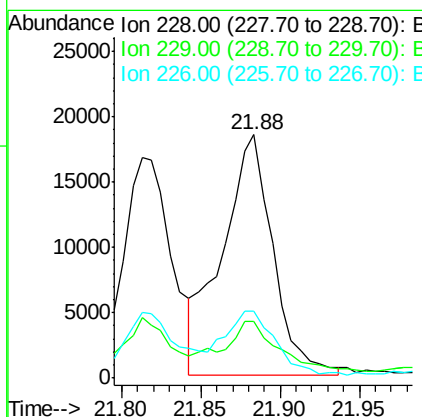
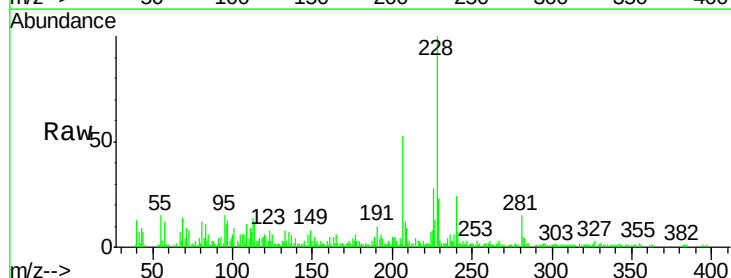
Instrument :
BNA_G
ClientSampleId :
D9WF5

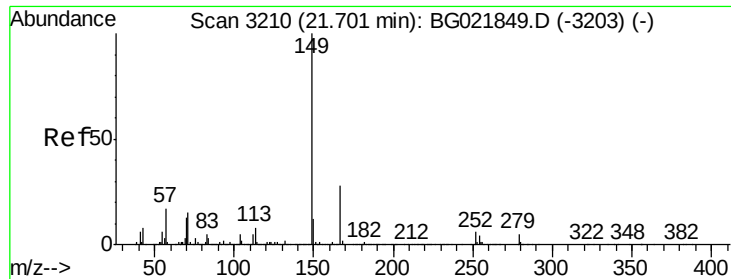
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.8	14.8
100	10.8	9.3	13.9



#81
Benzo(a)anthracene
Concen: 1.70 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. 0.07 min
Lab File: BG021861.D
Acq: 12 May 2016 2:21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.4	16.6	25.0
226	27.7	21.0	31.4





#82

Bis(2-ethylhexyl)phthalate

Concen: 11.86 ng/ul

RT: 21.70 min Scan# 3210

Delta R.T. 0.00 min

Lab File: BG021861.D

Acq: 12 May 2016 2:21

Instrument :

BNA_G

ClientSampleId :

D9WF5

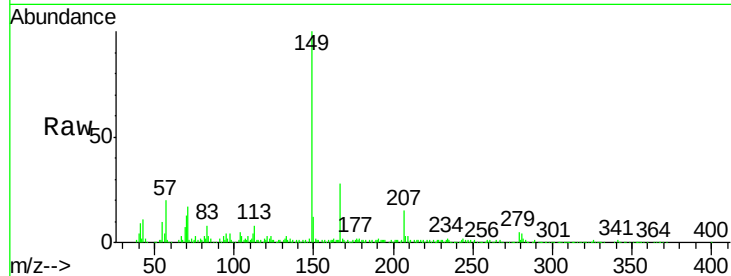
Tot Ion:149 Resp: 107409

Ion Ratio Lower Upper

149 100

167 27.6 20.5 30.7

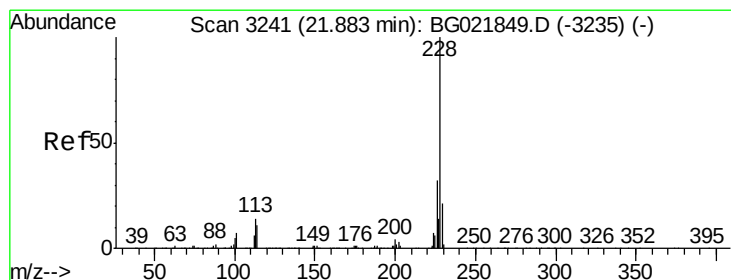
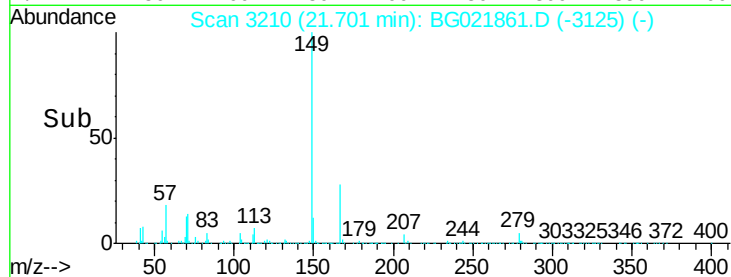
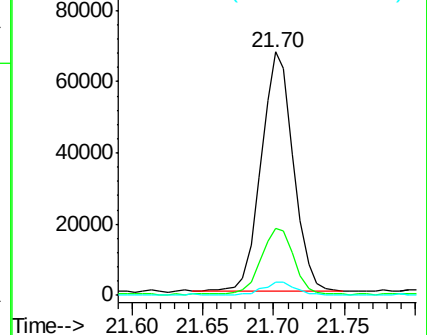
279 5.3 3.7 5.5



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



#83

Chrysene

Concen: 1.72 ng/ul

RT: 21.88 min Scan# 3241

Delta R.T. 0.00 min

Lab File: BG021861.D

Acq: 12 May 2016 2:21

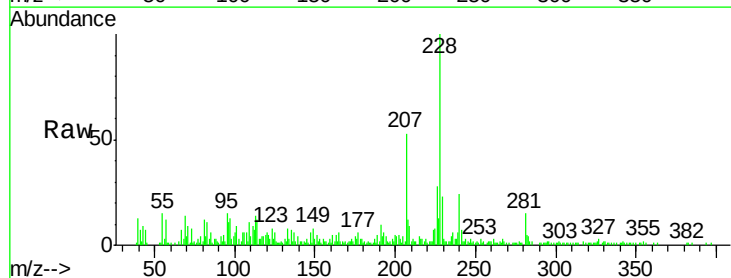
Tgt Ion:228 Resp: 41092

Ion Ratio Lower Upper

228 100

226 27.7 23.4 35.2

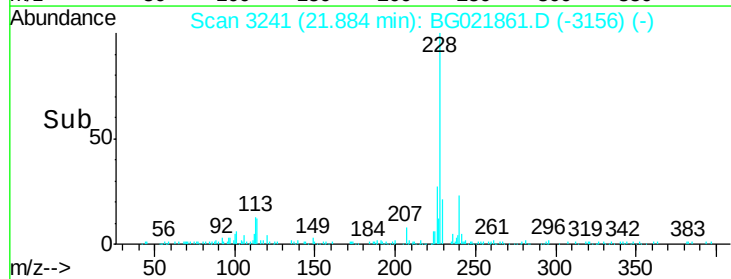
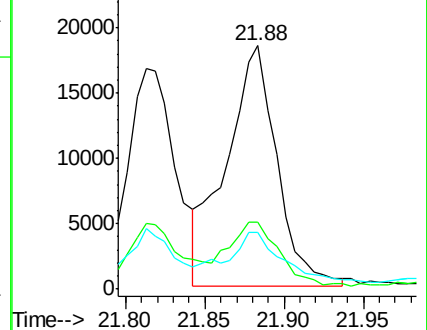
229 23.4 16.2 24.2

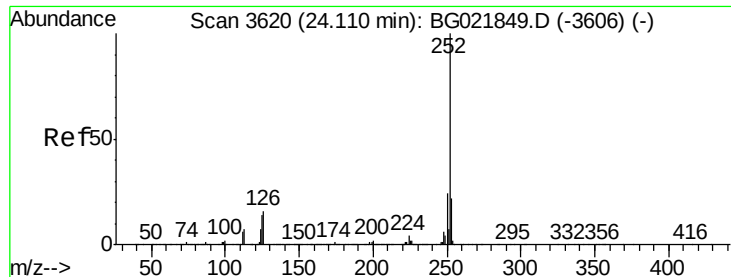


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Benzo(b)fluoranthene

Concen: 2.34 ng/ul

RT: 24.12 min Scan# 3621

Delta R.T. 0.01 min

Lab File: BG021861.D

Acq: 12 May 2016 2:21

Instrument :

BNA_G

ClientSampleId :

D9WF5

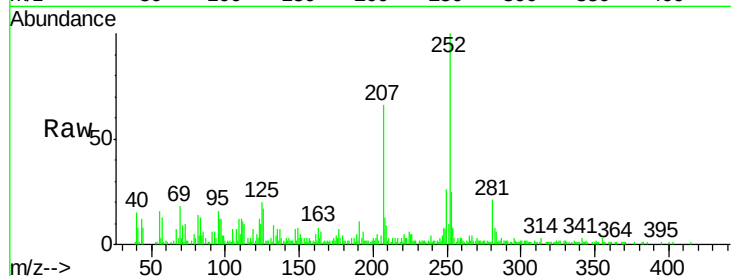
Tot Ion:252 Resp: 56904

Ion Ratio Lower Upper

252 100

253 25.5 18.1 27.1

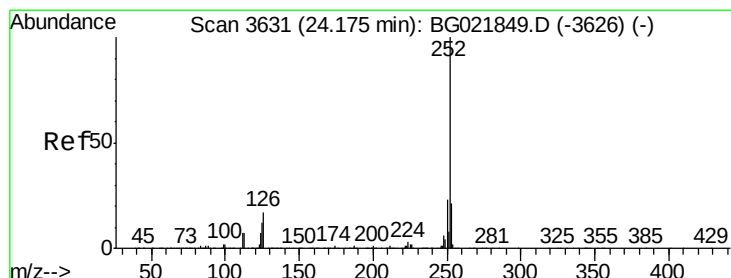
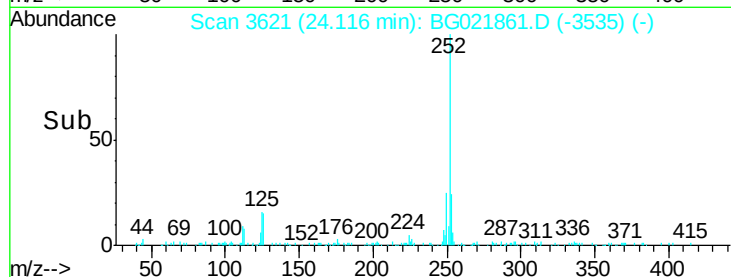
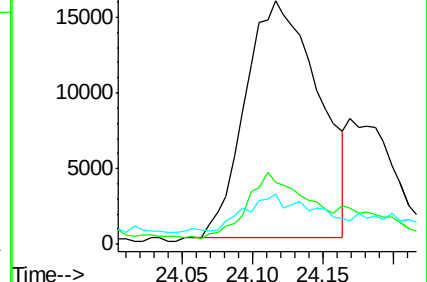
125 20.5 7.6 11.4#



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



#87

Benzo(k)fluoranthene

Concen: 2.19 ng/ul

RT: 24.12 min Scan# 3621

Delta R.T. -0.06 min

Lab File: BG021861.D

Acq: 12 May 2016 2:21

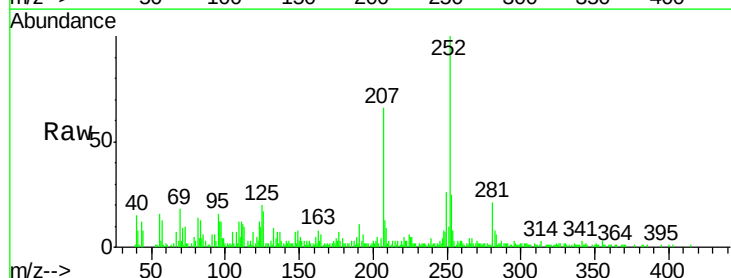
Tgt Ion:252 Resp: 56904

Ion Ratio Lower Upper

252 100

253 25.5 17.8 26.8

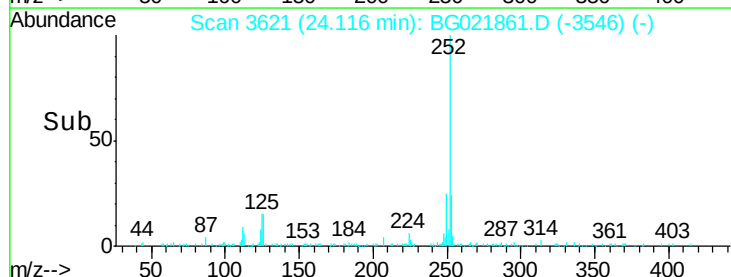
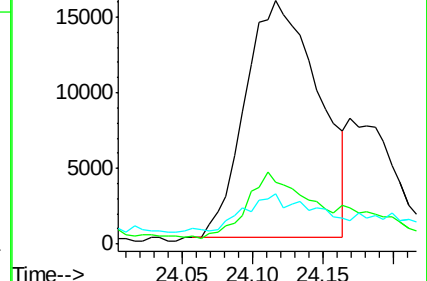
125 20.5 7.7 11.5#

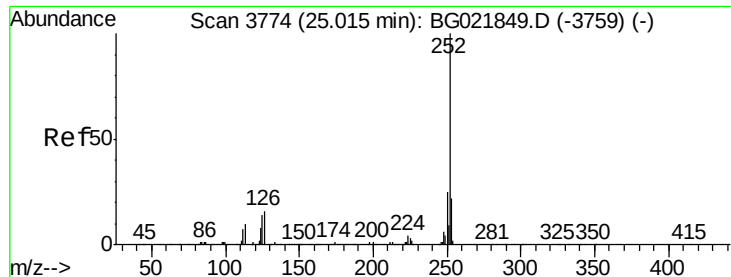


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 1.51 ng/ul

RT: 25.03 min Scan# 3776

Delta R.T. 0.01 min

Lab File: BG021861.D

Acq: 12 May 2016 2:21

Instrument :

BNA_G

ClientSampleId :

D9WF5

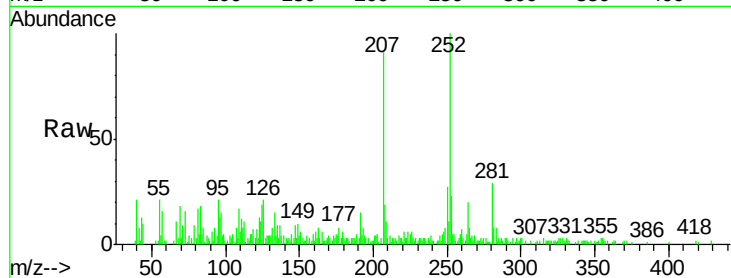
Tot Ion:252 Resp: 36515

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.0

125 19.1 8.2 12.2#



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

