

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
 Data File : BG029428.D
 Acq On : 24 Oct 2017 17:21
 Operator : SJ/JU
 Sample : I5925-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 19:17:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 17 07:42:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	63780	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	305826	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.78	164	207552	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.52	188	491141	20.00	ng/ul	-0.01
75) Chrysene-d12	21.79	240	531250	20.00	ng/ul	-0.01
83) Perylene-d12	25.10	264	531907	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	8534	5.44	ng/uL	0.00
5) Phenol-d5	7.32	99	170458	27.85	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	98267	25.65	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.70	132	134848	31.23	ng/ul	-0.01
13) 4-Methylphenol-d8	8.87	113	153919	31.13	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	68765	31.32	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	81606	36.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	158736	30.97	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	194515	32.66	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	523199	29.49	ng/ul	-0.01
46) Acenaphthylene-d8	14.48	160	647287	30.00	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.97	143	69717	21.28	ng/ul	-0.01
57) Fluorene-d10	15.77	176	479121	32.97	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.88	200	67590	28.19	ng/ul	-0.01
70) Anthracene-d10	17.62	188	717362	30.88	ng/ul	-0.01
76) Pyrene-d10	19.89	212	828429	30.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.88	264	802286	31.85	ng/ul	-0.02

Target Compounds

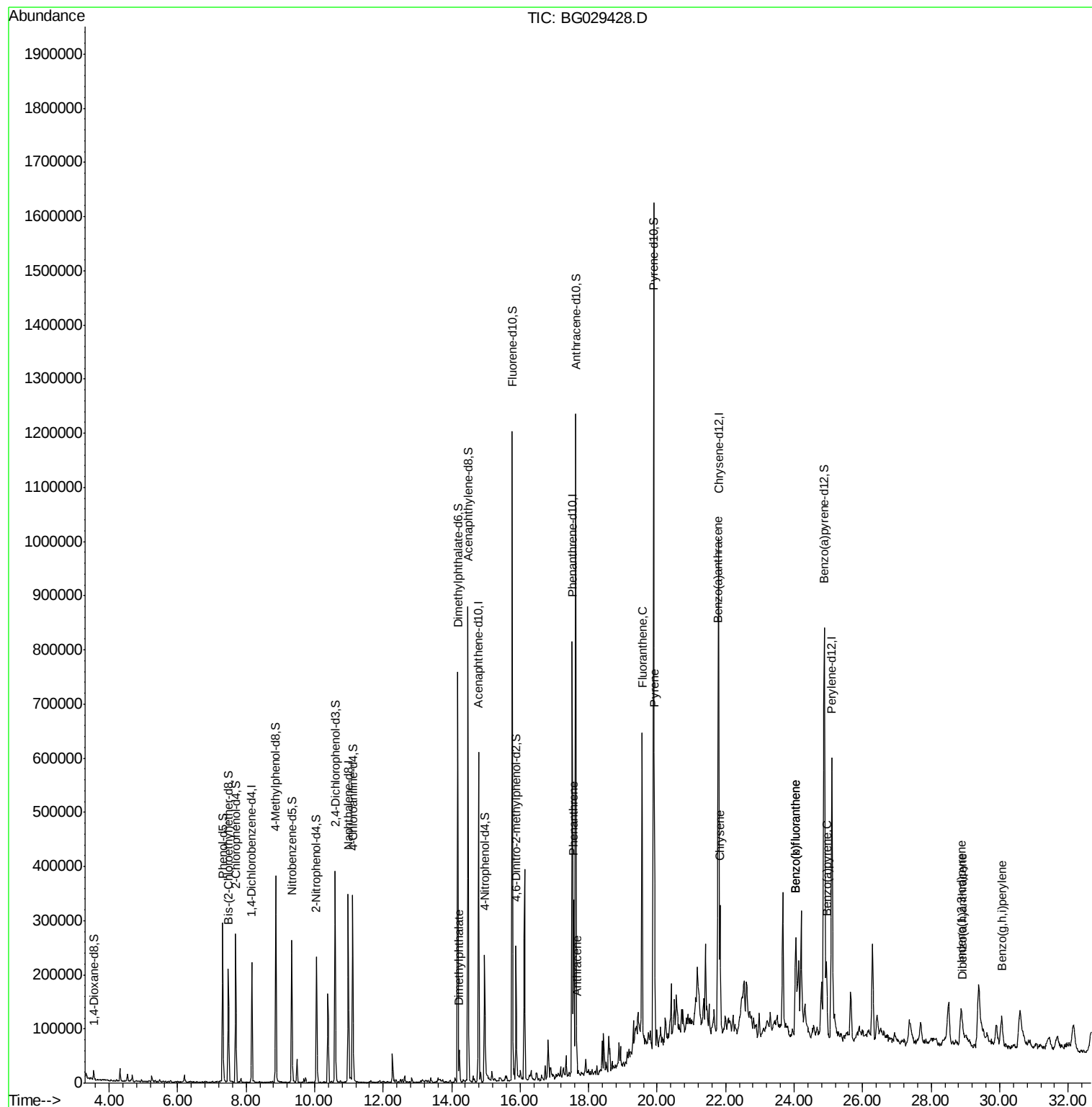
					Ovalue
44) Dimethylphthalate	14.22	163	37972	2.194 ng/ul#	97
69) Phenanthrene	17.56	178	203334	7.658 ng/ul	98
71) Anthracene	17.66	178	34735	1.268 ng/ul	96
74) Fluoranthene	19.56	202	348776	11.754 ng/ul	99
77) Pyrene	19.92	202	310090	8.709 ng/ul	98
80) Benzo(a)anthracene	21.77	228	174586	5.244 ng/ul	99
82) Chrysene	21.84	228	177906	5.881 ng/ul	98
85) Benzo(b)fluoranthene	24.05	252	230980	7.233 ng/ul	99
86) Benzo(k)fluoranthene	24.05	252	230980	7.481 ng/ul	100
88) Benzo(a)pyrene	24.94	252	155985	5.018 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.87	276	119234	3.391 ng/ul	98
90) Dibenzo(a,h)anthracene	28.93	278	34330	1.175 ng/ul#	93
91) Benzo(g,h,i)perylene	30.06	276	111195	3.815 ng/ul	96

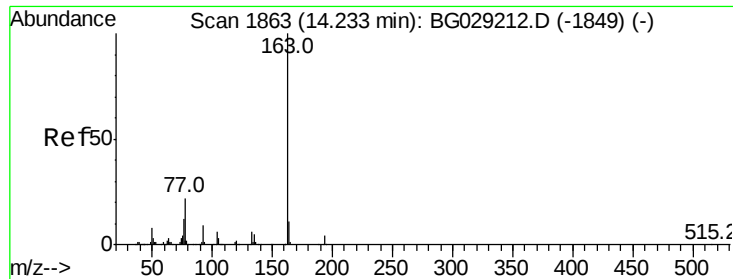
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 2.194 ng/ul

RT: 14.22 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BG029428.D

Acq: 24 Oct 2017 17:21

Instrument :

BNA_G

ClientSampleId :

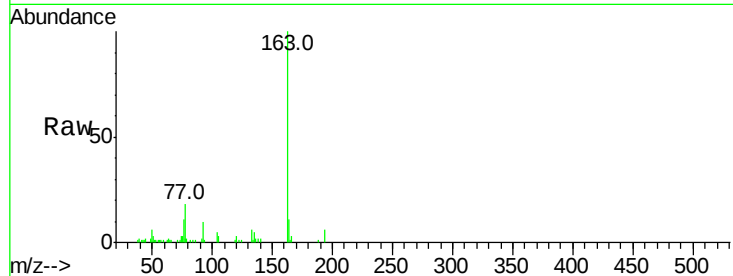
Tot Ion:163 Resp: 37972

Ion Ratio Lower Upper

163 100

194 5.9 3.5 5.3#

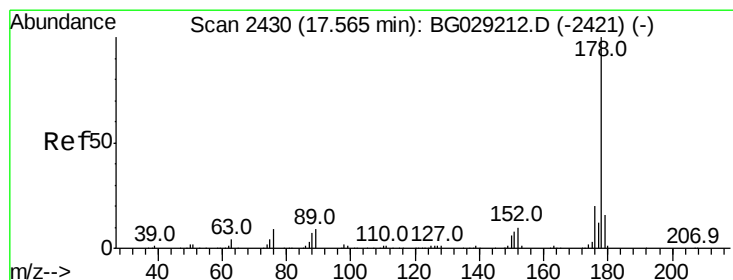
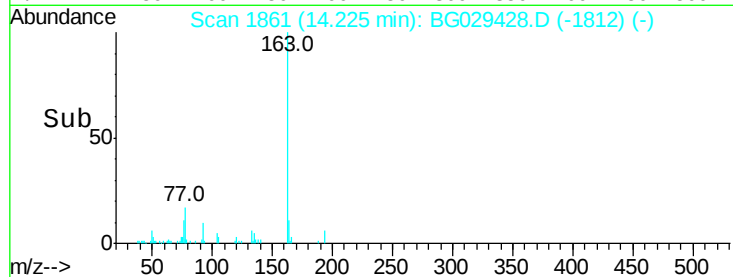
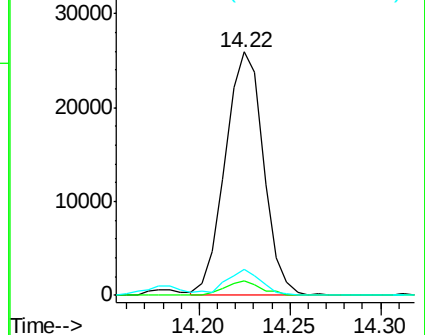
164 10.6 7.6 11.4



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: 7.658 ng/ul

RT: 17.56 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG029428.D

Acq: 24 Oct 2017 17:21

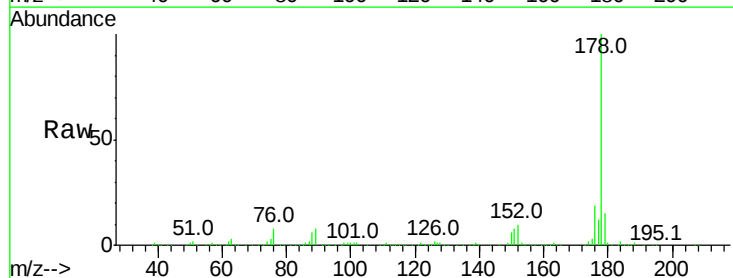
Tgt Ion:178 Resp: 203334

Ion Ratio Lower Upper

178 100

179 15.2 13.0 19.6

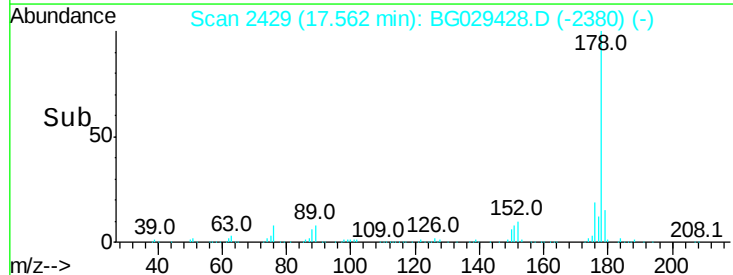
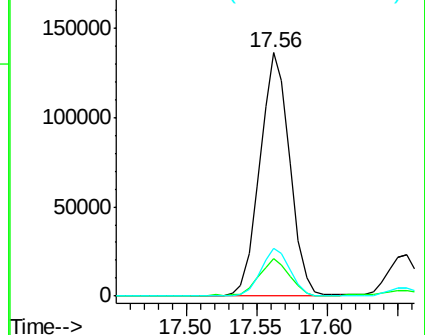
176 19.5 15.3 22.9

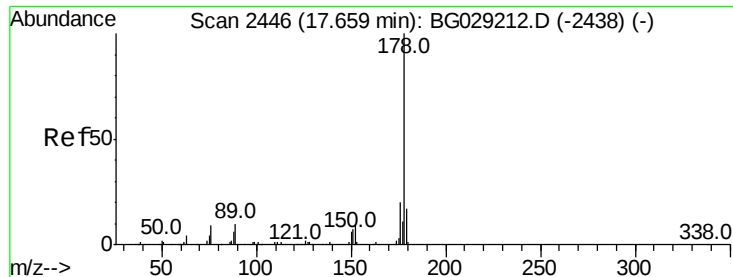


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

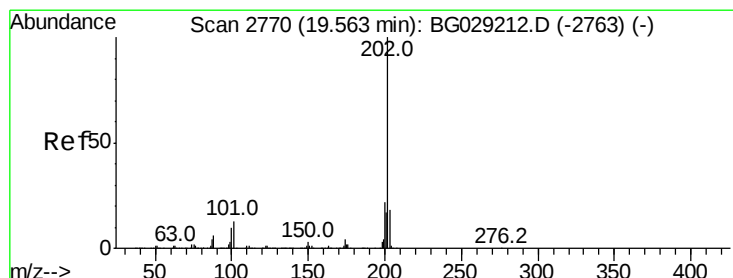
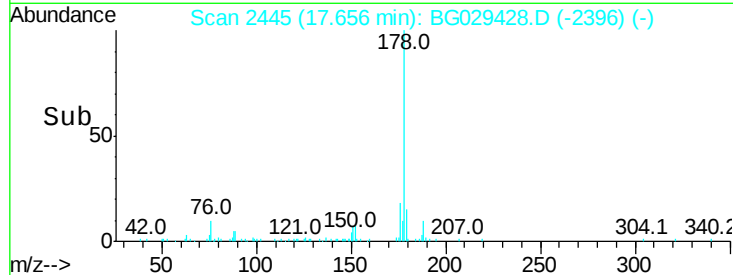
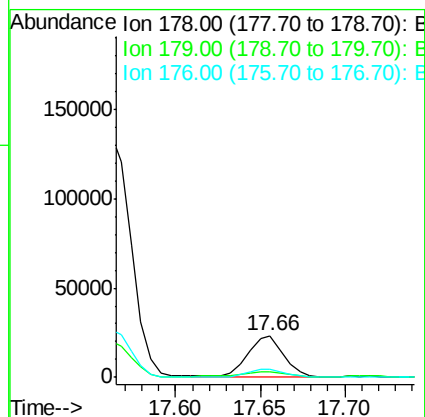
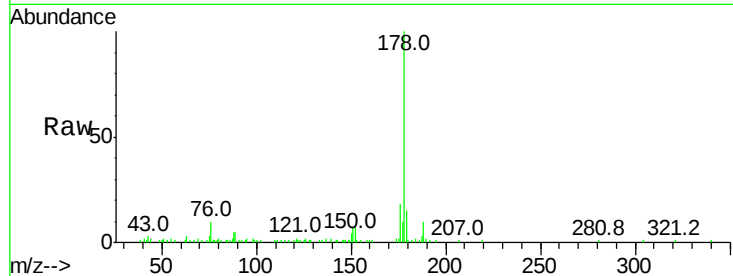




#71
 Anthracene
 Concen: 1.268 ng/ul
 RT: 17.66 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG029428.D
 Acq: 24 Oct 2017 17:21

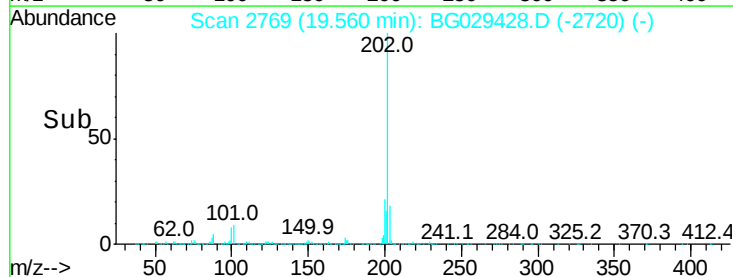
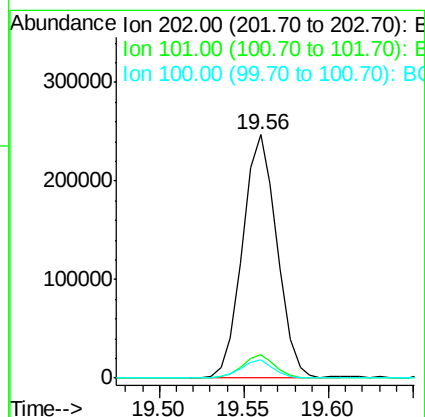
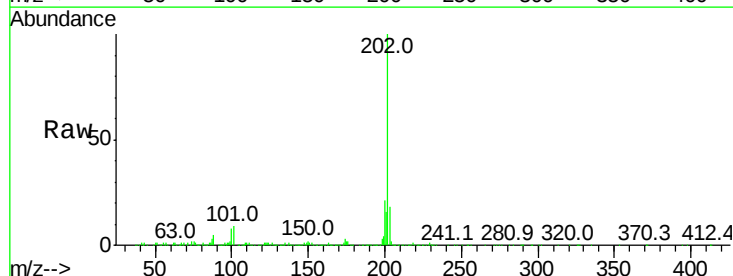
Instrument :
 BNA_G
 ClientSampleId :

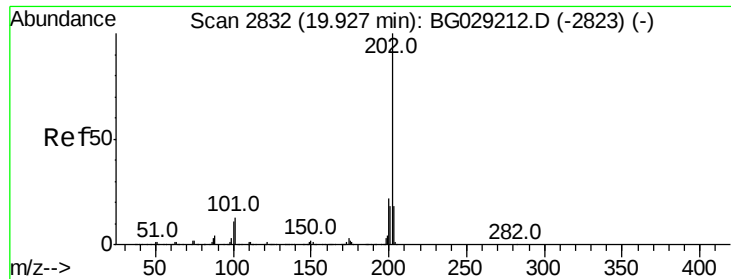
Tot Ion:178 Resp: 34735
 Ion Ratio Lower Upper
 178 100
 179 14.7 13.2 19.8
 176 18.4 16.0 24.0



#74
 Fluoranthene
 Concen: 11.754 ng/ul
 RT: 19.56 min Scan# 2769
 Delta R.T. -0.01 min
 Lab File: BG029428.D
 Acq: 24 Oct 2017 17:21

Tgt Ion:202 Resp: 348776
 Ion Ratio Lower Upper
 202 100
 101 9.4 7.4 11.2
 100 7.6 5.6 8.4

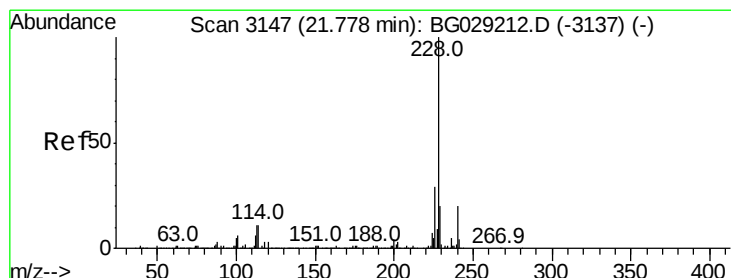
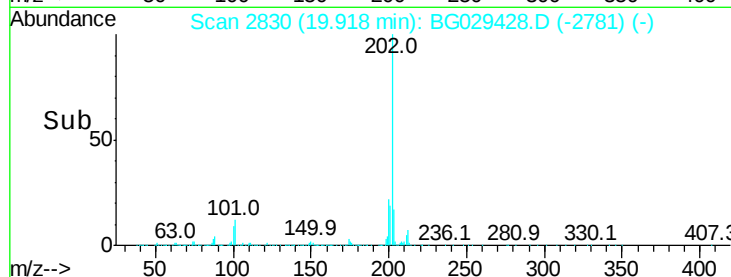
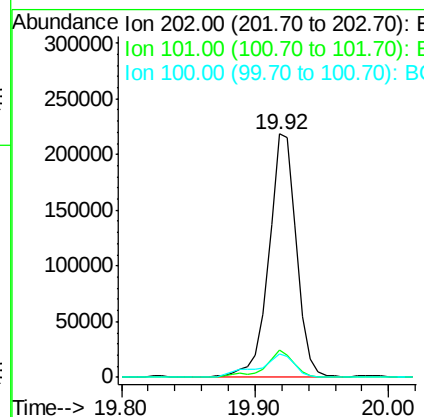
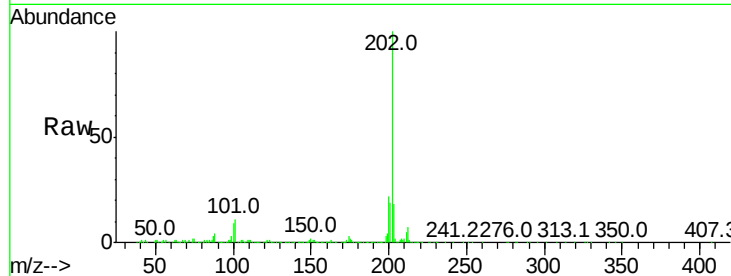




#77
 Pvrene
 Concen: 8.709 ng/ul
 RT: 19.92 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BG029428.D
 Acq: 24 Oct 2017 17:21

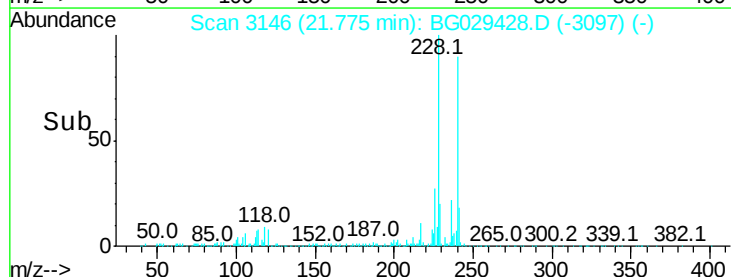
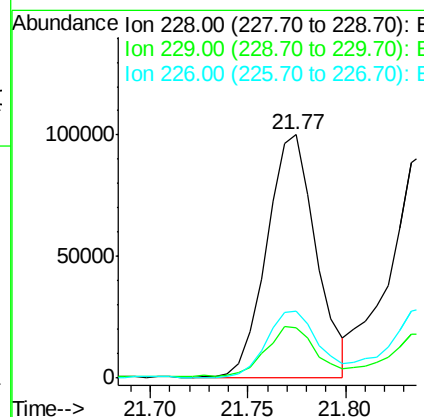
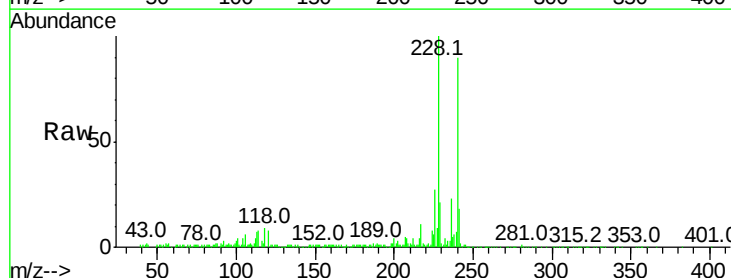
Instrument :
 BNA_G
 ClientSampleId :

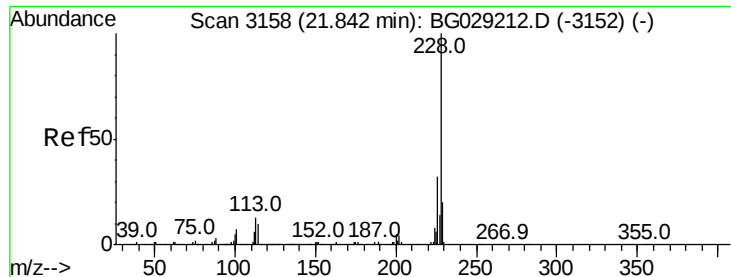
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.4	12.6
100	9.5	7.0	10.6



#80
 Benzo(a)anthracene
 Concen: 5.244 ng/ul
 RT: 21.77 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG029428.D
 Acq: 24 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.2	24.4
226	27.4	22.2	33.2





#82

Chrysene

Concen: 5.881 ng/ul

RT: 21.84 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG029428.D

Acq: 24 Oct 2017 17:21

Instrument :

BNA_G

ClientSampled :

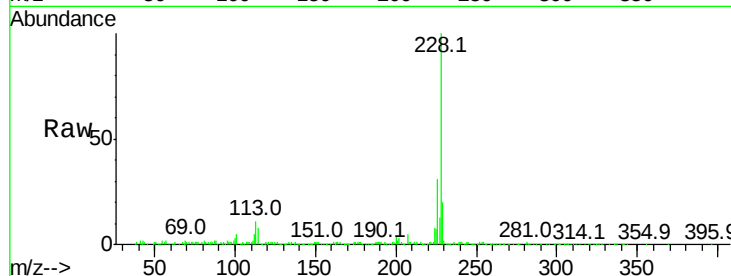
Tot Ion:228 Resp: 177906

Ion Ratio Lower Upper

228 100

226 31.3 24.2 36.2

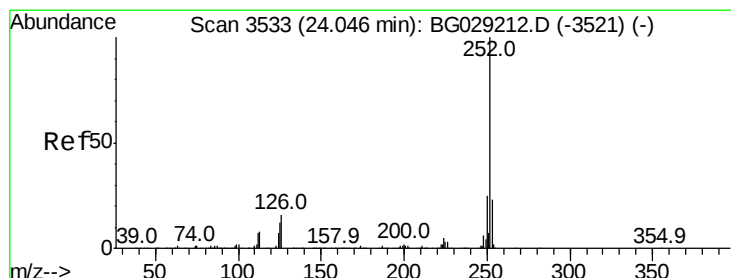
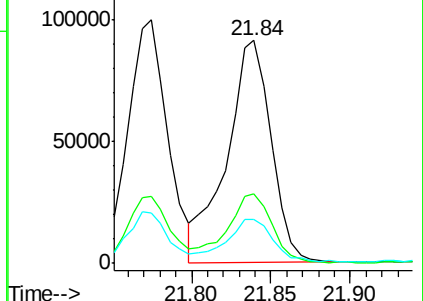
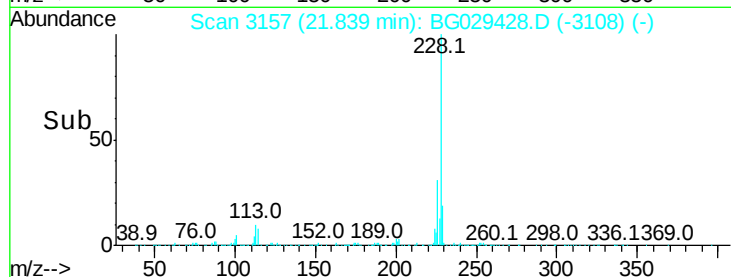
229 19.8 15.2 22.8



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: 7.233 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG029428.D

Acq: 24 Oct 2017 17:21

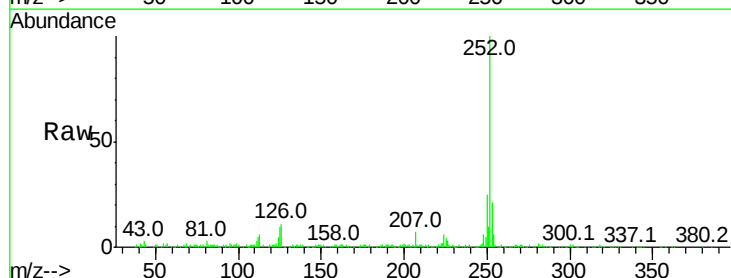
Tgt Ion:252 Resp: 230980

Ion Ratio Lower Upper

252 100

253 21.5 17.0 25.4

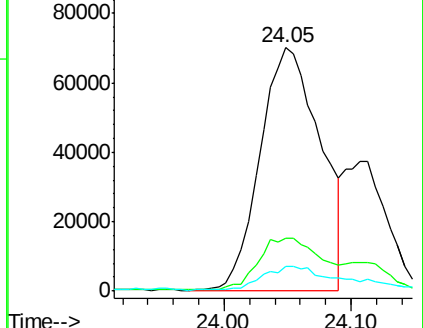
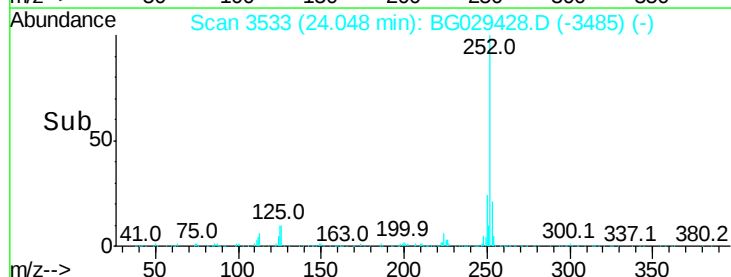
125 10.1 7.5 11.3

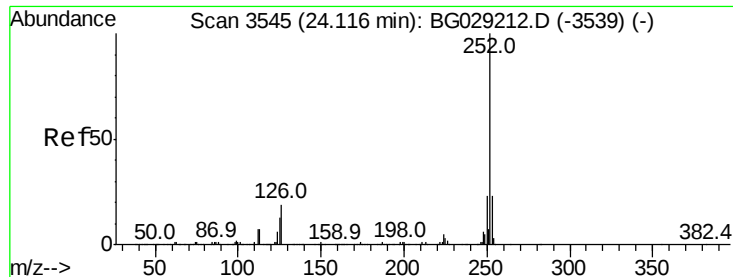


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

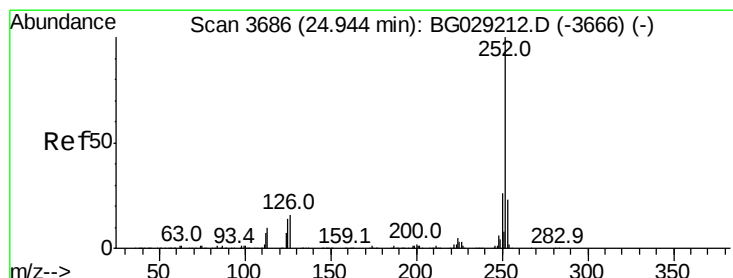
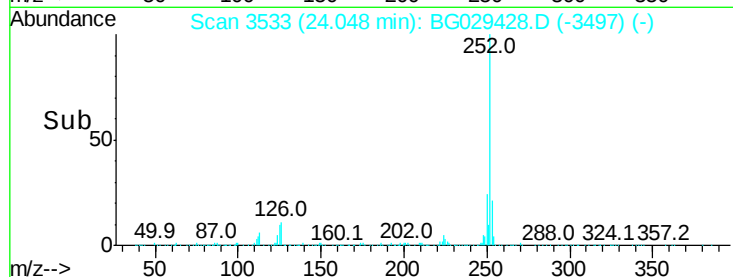
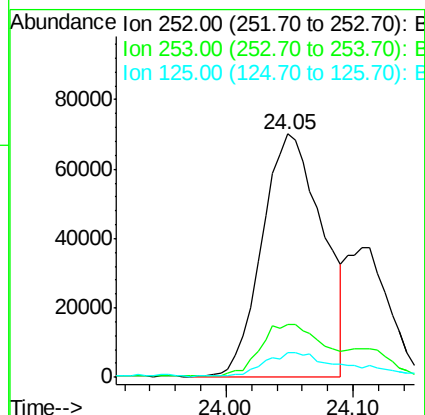
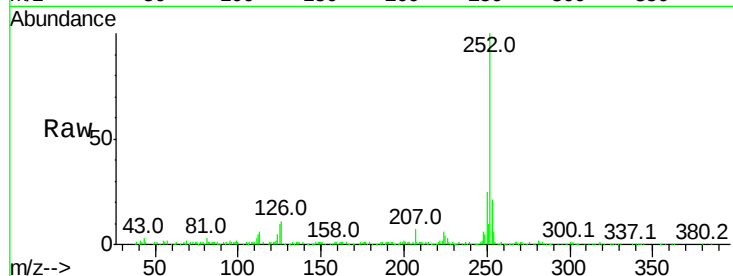




#86
Benzo(k)fluoranthene
Concen: 7.481 ng/ul
RT: 24.05 min Scan# 3533
Delta R.T. -0.09 min
Lab File: BG029428.D
Acq: 24 Oct 2017 17:21

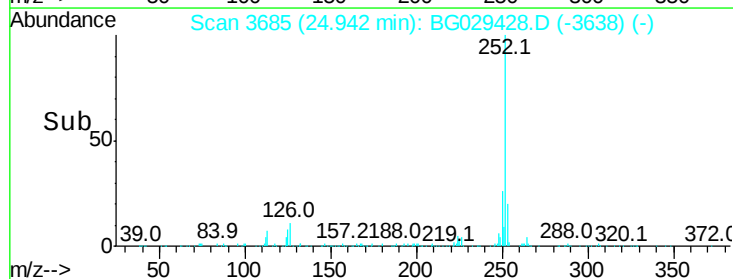
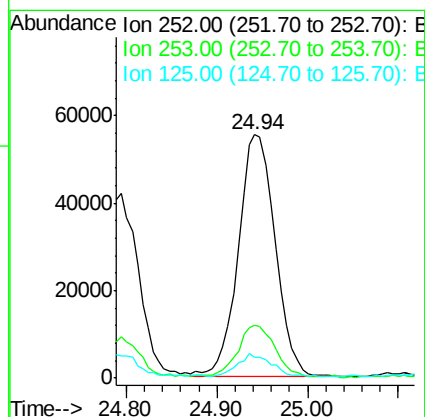
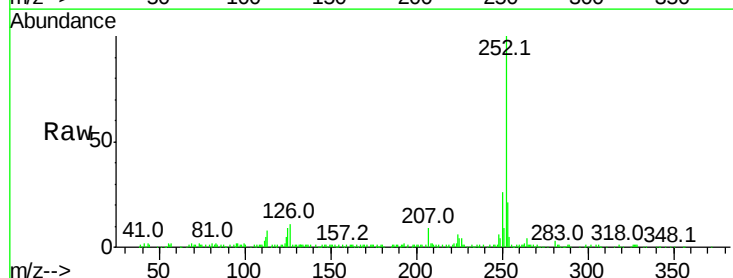
Instrument :
BNA_G
ClientSampled :

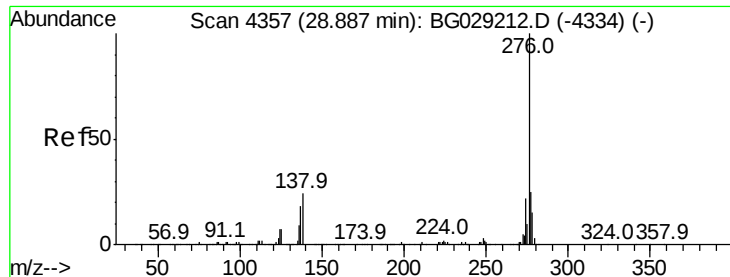
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.2	25.8
125	10.1	7.8	11.8



#88
Benzo(a)pyrene
Concen: 5.018 ng/ul
RT: 24.94 min Scan# 3685
Delta R.T. -0.02 min
Lab File: BG029428.D
Acq: 24 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	8.7	7.8	11.8



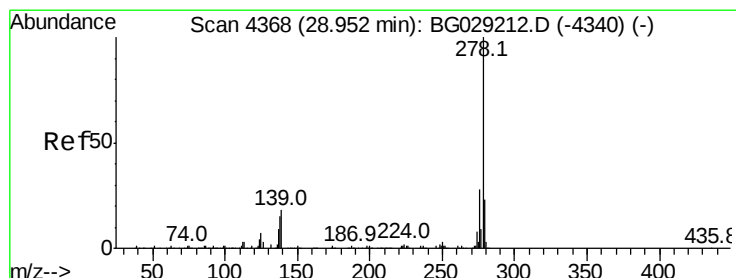
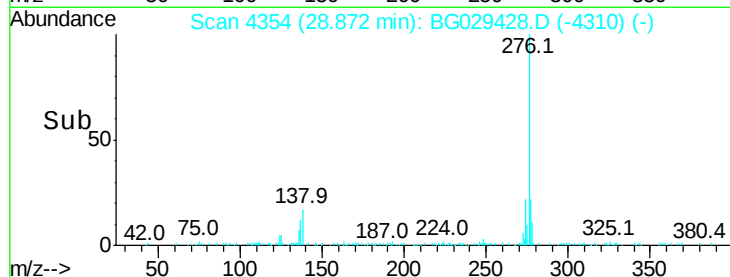
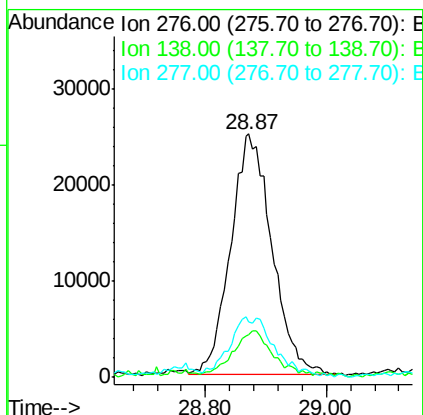
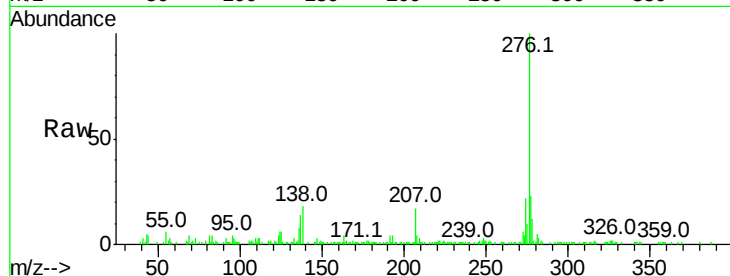


#89

Indeno(1,2,3-cd)pyrene
Concen: 3.391 ng/ul
RT: 28.87 min Scan# 4354
Delta R.T. -0.04 min
Lab File: BG029428.D
Acq: 24 Oct 2017 17:21

Instrument :
BNA_G
ClientSampleId :

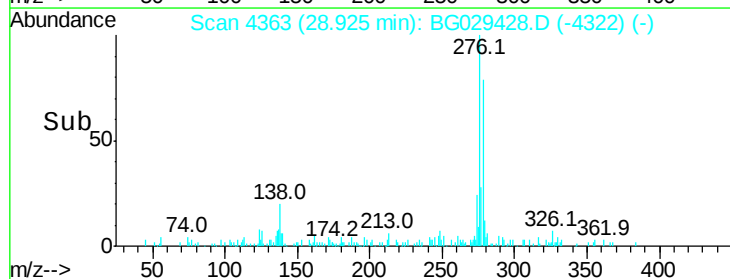
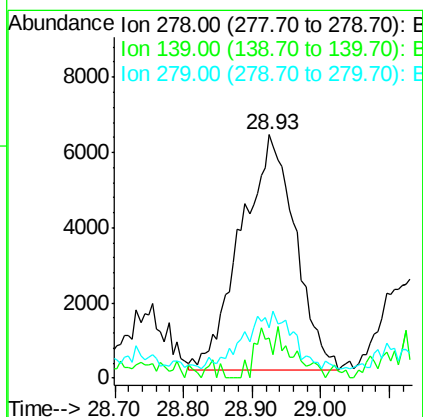
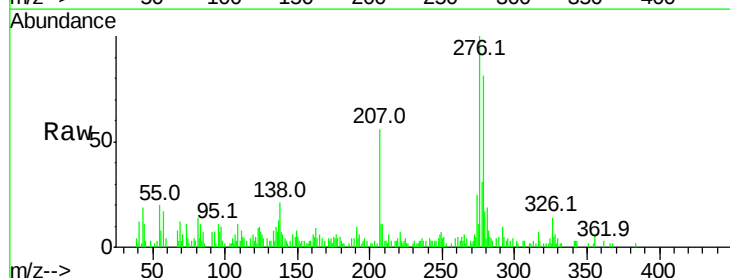
Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	13.4	20.0
277	22.9	18.6	28.0

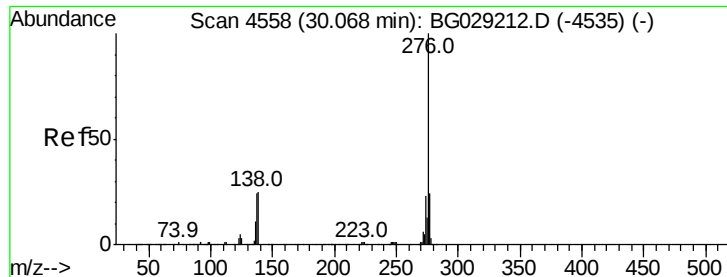


#90

Dibenzo(a,h)anthracene
Concen: 1.175 ng/ul
RT: 28.93 min Scan# 4363
Delta R.T. -0.06 min
Lab File: BG029428.D
Acq: 24 Oct 2017 17:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.3	9.4	14.2#
279	20.6	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 3.815 ng/ul

RT: 30.06 min Scan# 4556

Delta R.T. -0.04 min

Lab File: BG029428.D

Acq: 24 Oct 2017 17:21

Instrument :

BNA_G

ClientSampleId :

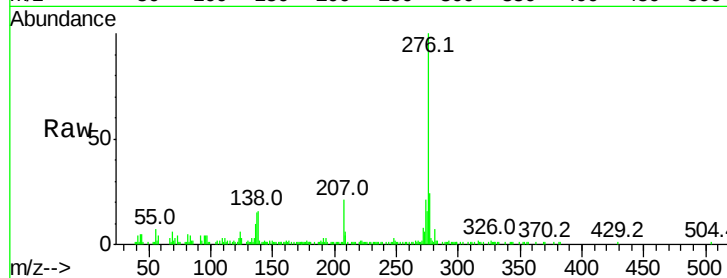
Tot Ion:276 Resp: 111195

Ion Ratio Lower Upper

276 100

138 16.3 12.1 18.1

277 24.4 17.7 26.5



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

