

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110717\
 Data File : BG030834.D
 Acq On : 8 Nov 2017 7:38
 Operator : SJ/JU
 Sample : I6222-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 08 08:11:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 04:22:00 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	65597	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	310472	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	199322	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	454743	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	470100	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	480477	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	6121	3.79	ng/uL	0.00
5) Phenol-d5	7.31	99	131425	20.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	79687	20.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	111014	25.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	99820	19.63	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	56717	25.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	68981	30.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	120041	23.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	120507	19.93	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	405253	23.78	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	497925	24.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	50755	16.13	ng/ul	0.00
57) Fluorene-d10	15.76	176	375931	26.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.87	200	42155	18.99	ng/ul	0.00
70) Anthracene-d10	17.61	188	560352	26.05	ng/ul	0.00
76) Pyrene-d10	19.88	212	613497	25.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	584154	25.67	ng/ul	0.00

Target Compounds

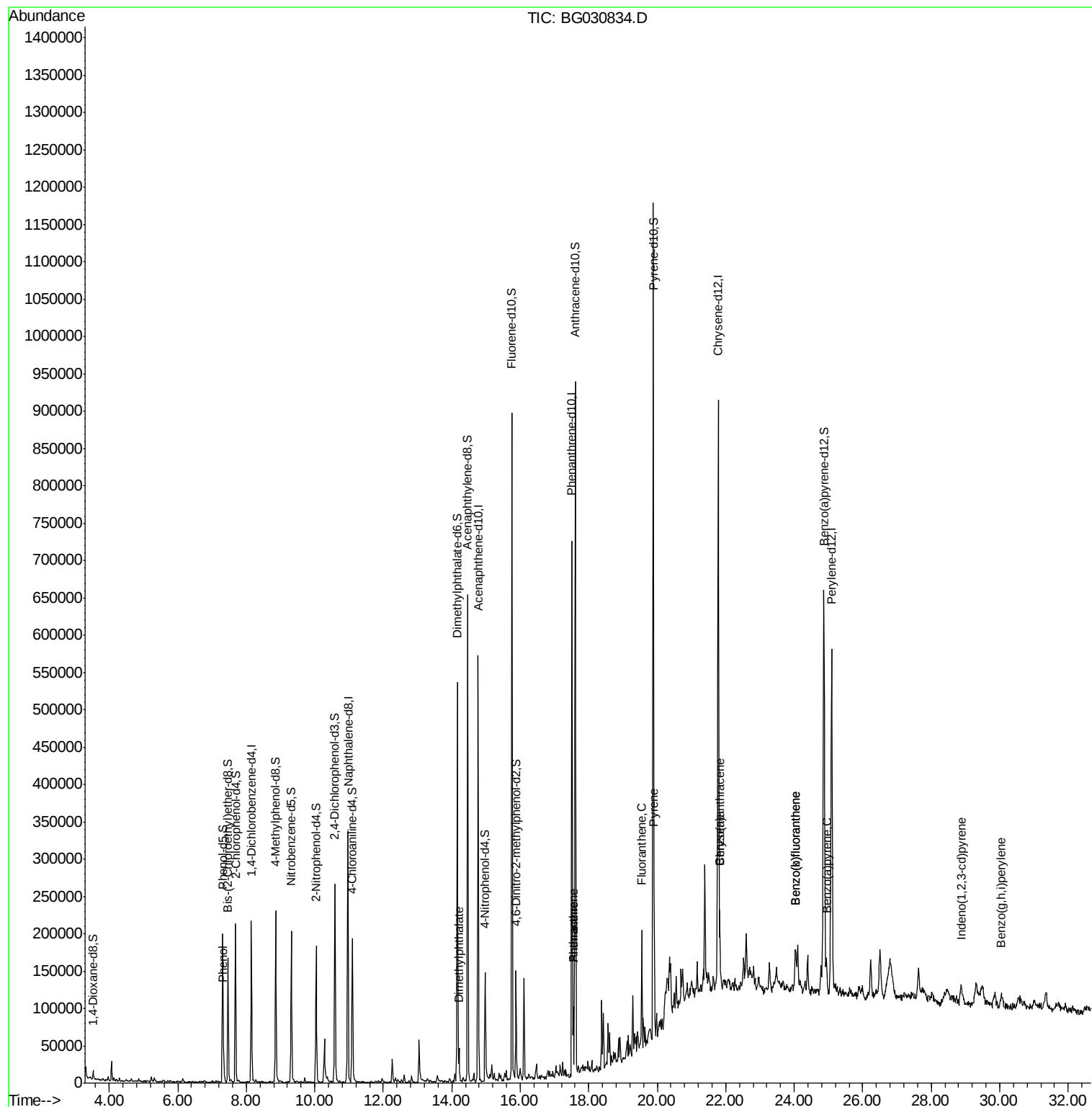
					Ovalue	
6) Phenol	7.34	94	12655	1.943	ng/ul	94
44) Dimethylphthalate	14.21	163	31506	1.896	ng/ul	99
69) Phenanthrene	17.55	178	57351	2.333	ng/ul	98
71) Anthracene	17.55	178	57351	2.261	ng/ul	99
74) Fluoranthene	19.55	202	94820	3.451	ng/ul	99
77) Pyrene	19.91	202	114961	3.649	ng/ul	98
80) Benzo(a)anthracene	21.83	228	80829	2.744	ng/ul	95
82) Chrysene	21.83	228	80953	3.024	ng/ul#	95
85) Benzo(b)fluoranthene	24.03	252	73463	2.547	ng/ul	96
86) Benzo(k)fluoranthene	24.03	252	73463	2.634	ng/ul	97
88) Benzo(a)pyrene	24.93	252	49806	1.774	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	28.87	276	35227	1.109	ng/ul	99
91) Benzo(g,h,i)perylene	30.05	276	31382	1.192	ng/ul#	93

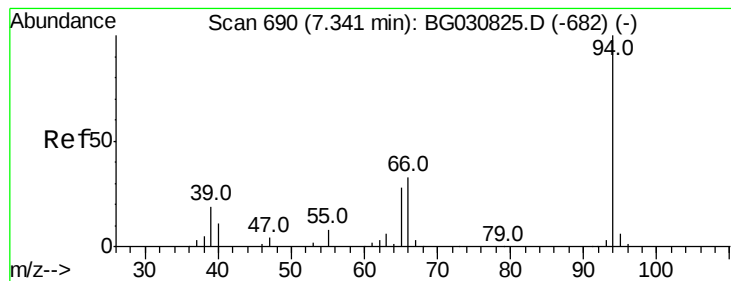
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_G
ClientSampled :

Quant Time: Nov 08 08:11:37 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 04:22:00 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.943 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG030834.D

Acq: 8 Nov 2017 7:38

Instrument :

BNA_G

ClientSampleId :

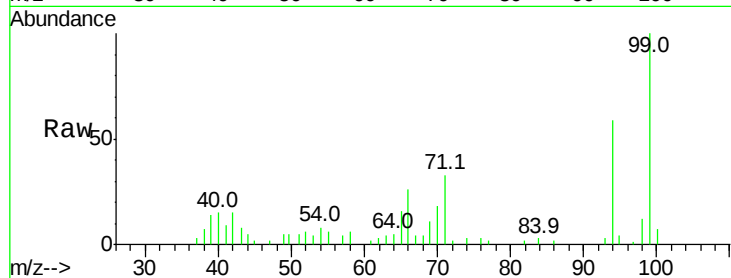
Tot Ion: 94 Resp: 12655

Ion Ratio Lower Upper

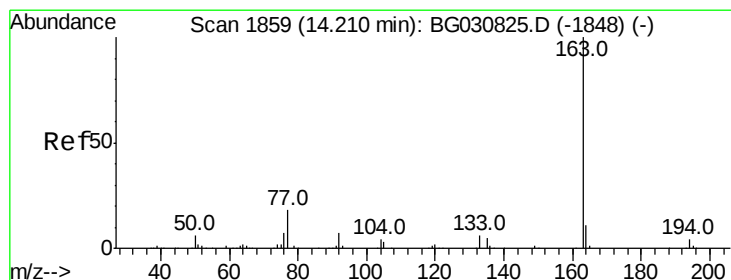
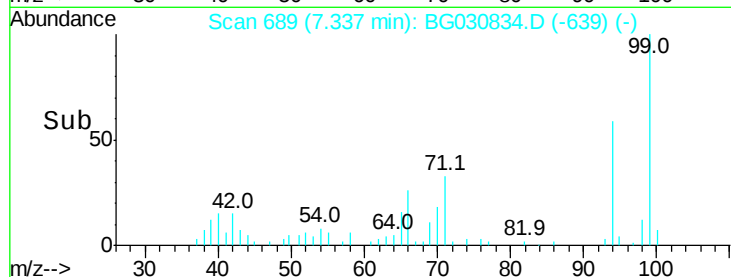
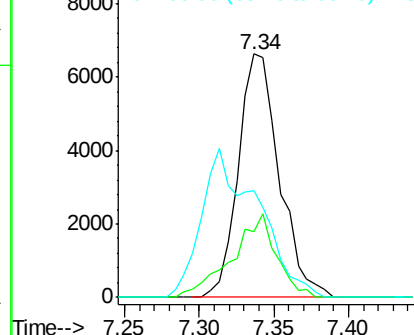
94 100

65 27.2 27.1 40.7

66 43.8 34.6 52.0



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: 1.896 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BG030834.D

Acq: 8 Nov 2017 7:38

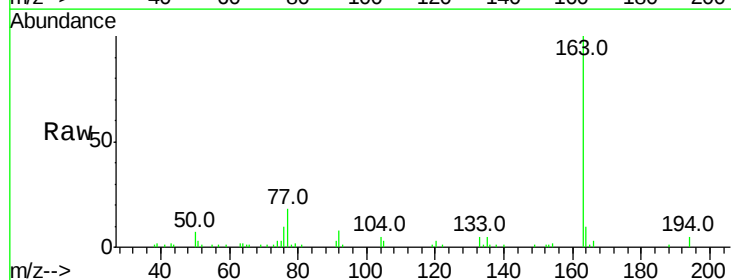
Tgt Ion:163 Resp: 31506

Ion Ratio Lower Upper

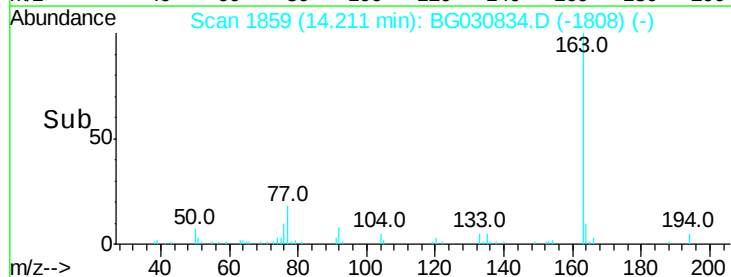
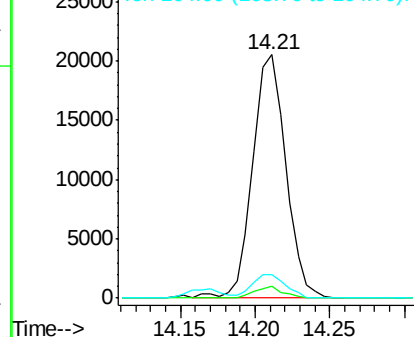
163 100

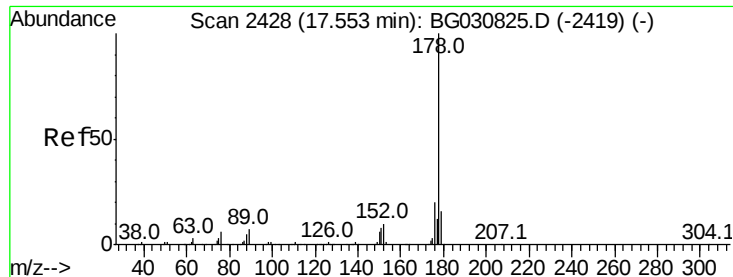
194 4.7 3.5 5.3

164 9.7 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: 2.333 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG030834.D

Acq: 8 Nov 2017 7:38

Instrument :

BNA_G

ClientSampleId :

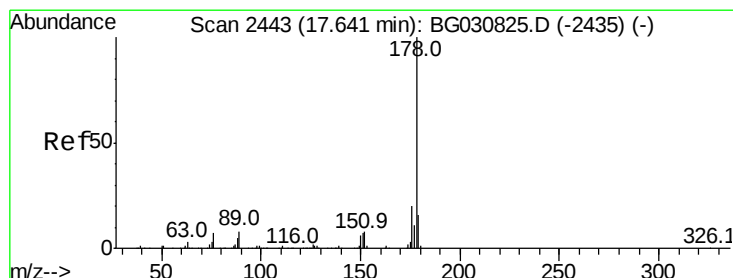
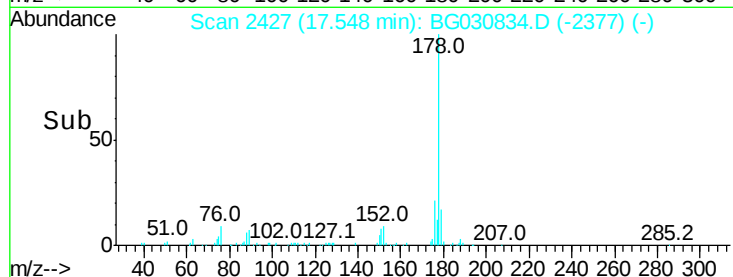
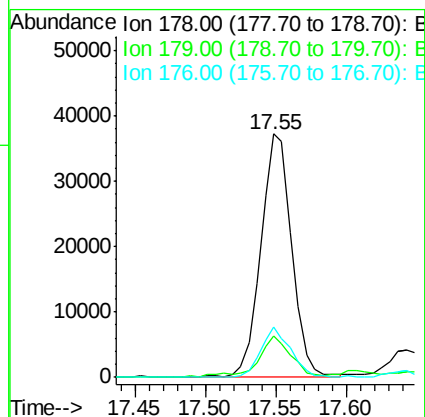
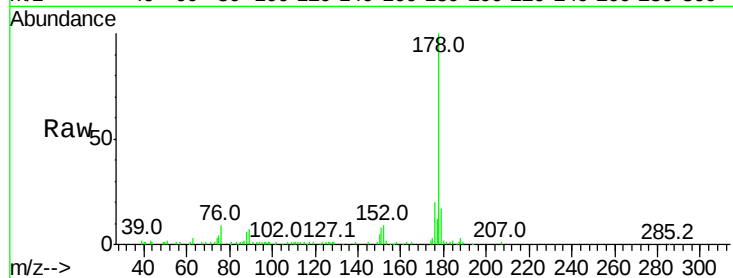
Tot Ion:178 Resp: 57351

Ion Ratio Lower Upper

178 100

179 17.0 13.0 19.6

176 20.5 15.3 22.9



#71

Anthracene

Concen: 2.261 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. -0.09 min

Lab File: BG030834.D

Acq: 8 Nov 2017 7:38

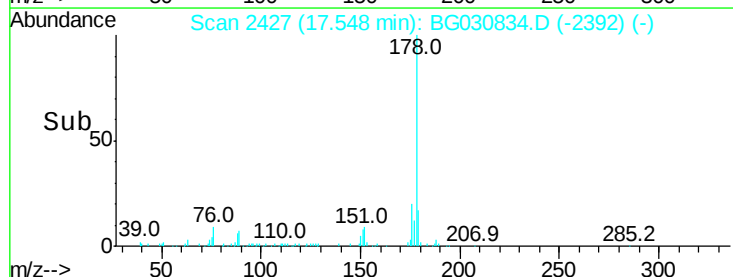
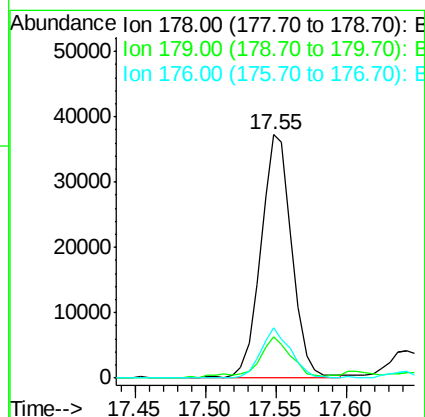
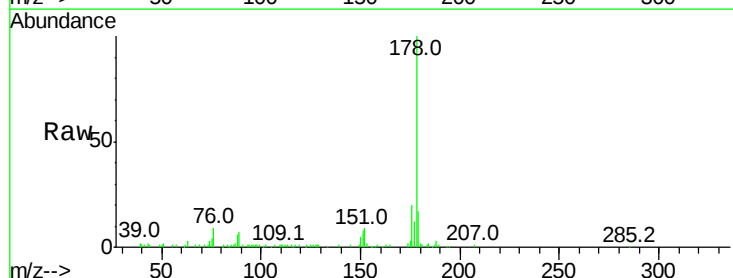
Tgt Ion:178 Resp: 57351

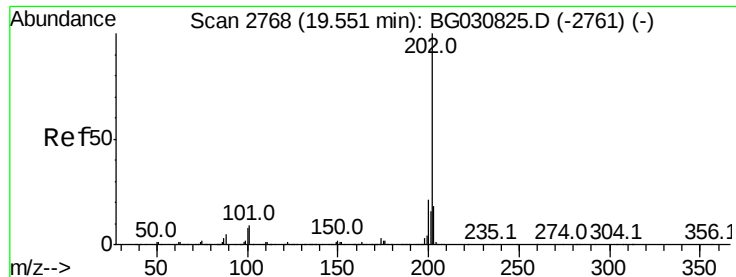
Ion Ratio Lower Upper

178 100

179 17.0 13.2 19.8

176 20.5 16.0 24.0





#74

Fluoranthene

Concen: 3.451 ng/ul

RT: 19.55 min Scan# 2768

Delta R.T. 0.00 min

Lab File: BG030834.D

Acq: 8 Nov 2017 7:38

Instrument :

BNA_G

ClientSampleId :

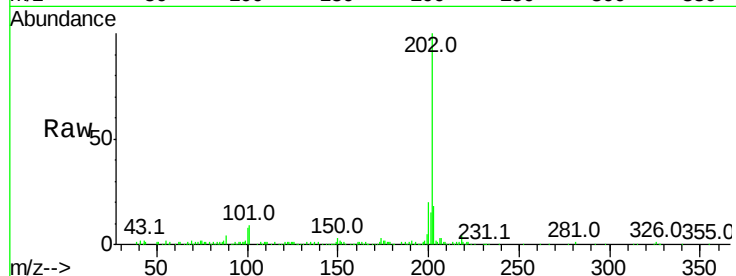
Tot Ion:202 Resp: 94820

Ion Ratio Lower Upper

202 100

101 9.3 7.4 11.2

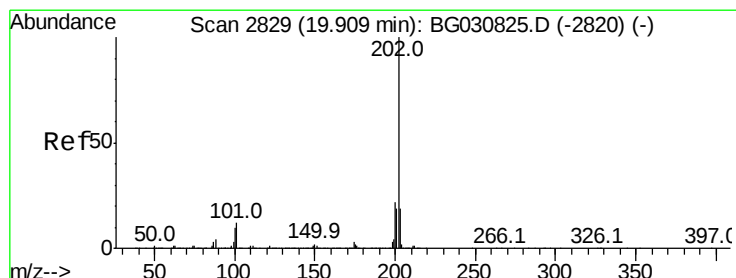
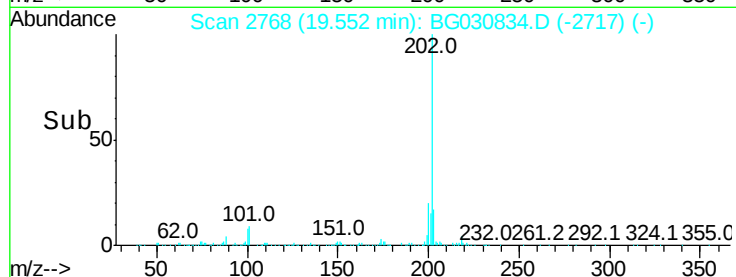
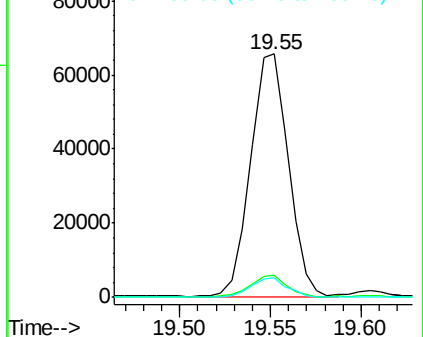
100 7.8 5.6 8.4



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): B



#77

Pyrene

Concen: 3.649 ng/ul

RT: 19.91 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG030834.D

Acq: 8 Nov 2017 7:38

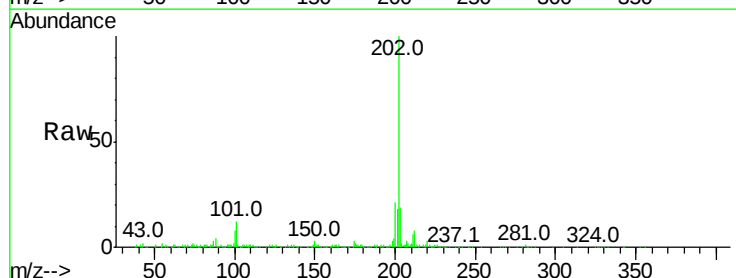
Tgt Ion:202 Resp: 114961

Ion Ratio Lower Upper

202 100

101 11.7 8.4 12.6

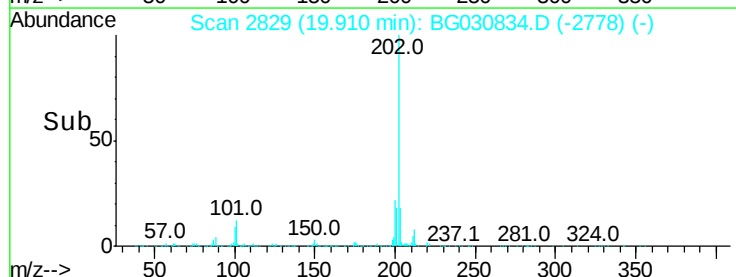
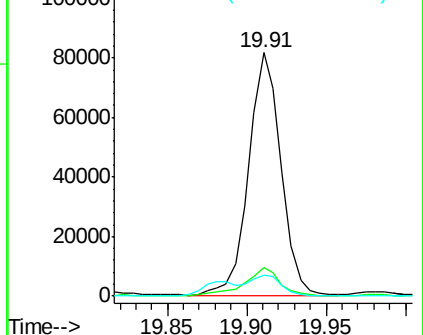
100 8.4 7.0 10.6

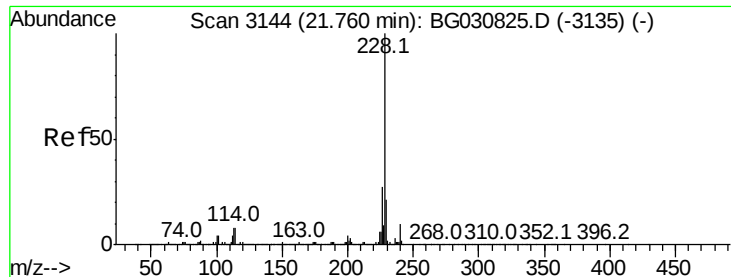


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 2.744 ng/ul

RT: 21.83 min Scan# 3155

Delta R.T. 0.07 min

Lab File: BG030834.D

Acq: 8 Nov 2017 7:38

Instrument :

BNA_G

ClientSampleId :

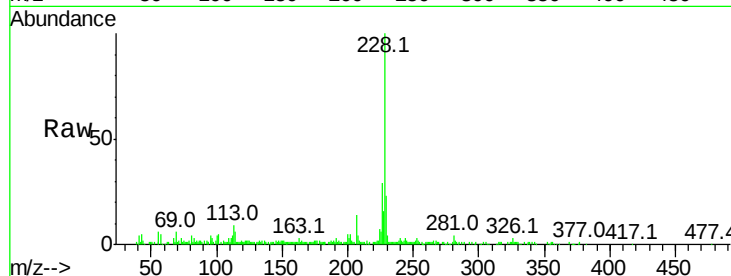
Tot Ion:228 Resp: 80829

Ion Ratio Lower Upper

228 100

229 23.4 16.2 24.4

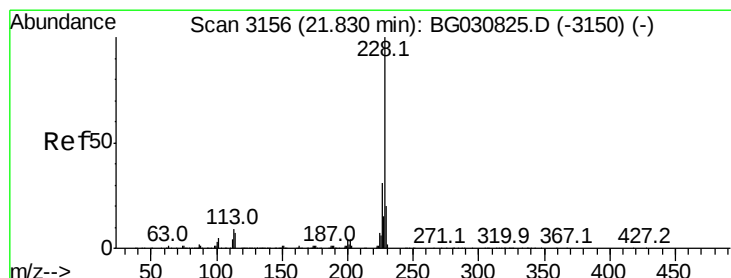
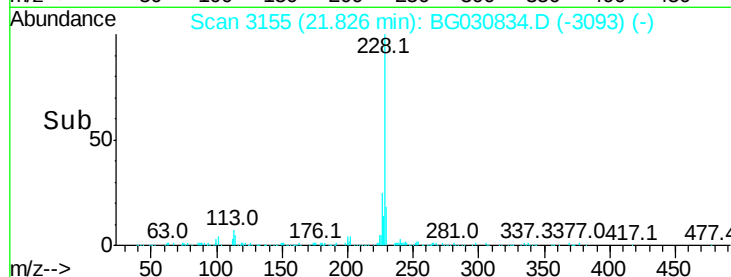
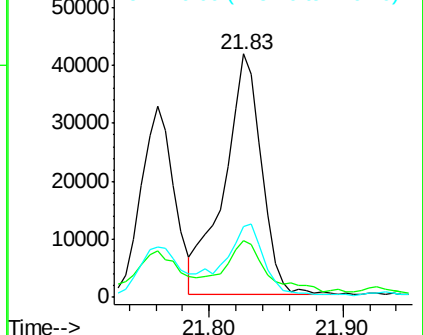
226 29.2 22.2 33.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82

Chrysene

Concen: 3.024 ng/ul

RT: 21.83 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG030834.D

Acq: 8 Nov 2017 7:38

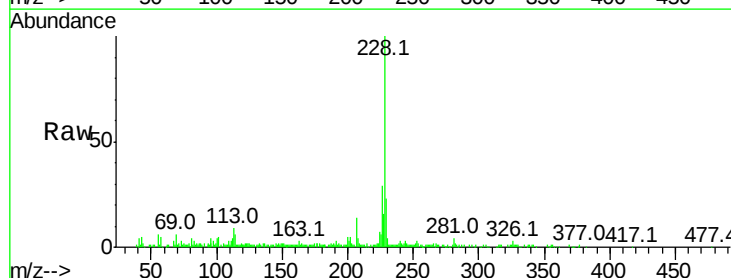
Tgt Ion:228 Resp: 80953

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.2

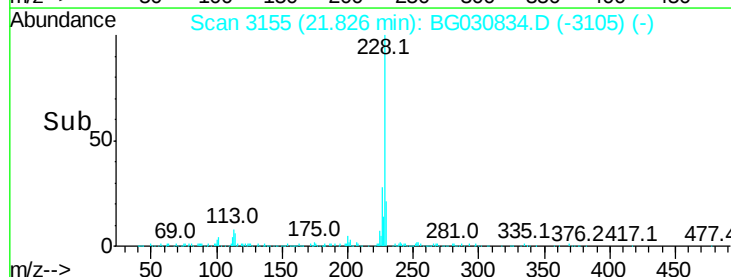
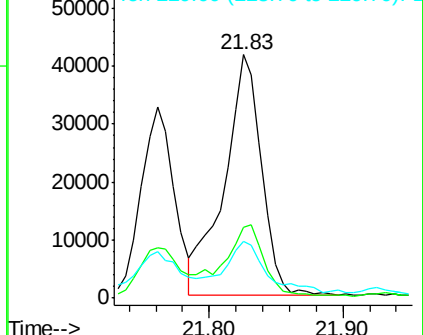
229 23.4 15.2 22.8#

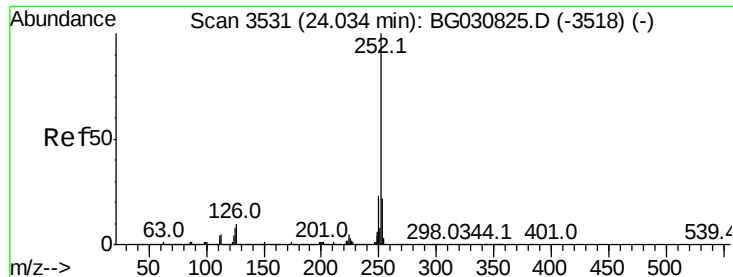


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 2.547 ng/ul

RT: 24.03 min Scan# 3531

Delta R.T. 0.00 min

Lab File: BG030834.D

Acq: 8 Nov 2017 7:38

Instrument :

BNA_G

ClientSampleId :

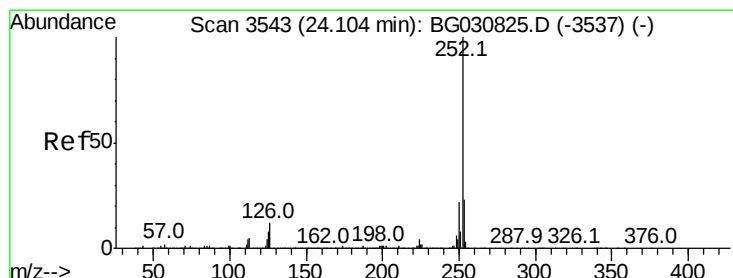
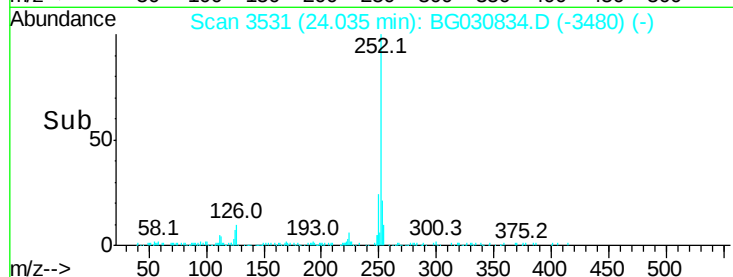
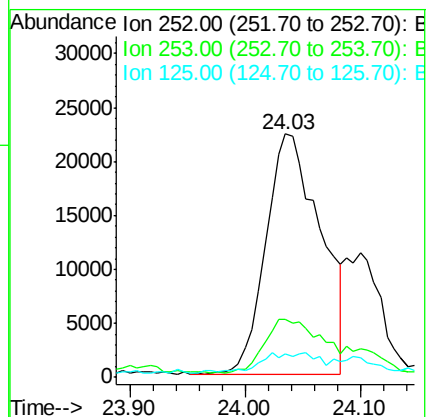
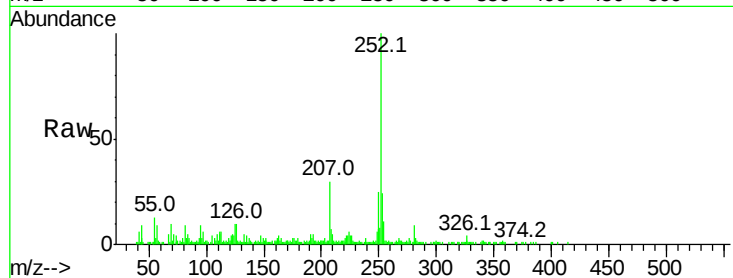
Tot Ion:252 Resp: 73463

Ion Ratio Lower Upper

252 100

253 23.6 17.0 25.4

125 9.7 7.5 11.3



#86

Benzo(k)fluoranthene

Concen: 2.634 ng/ul

RT: 24.03 min Scan# 3531

Delta R.T. -0.07 min

Lab File: BG030834.D

Acq: 8 Nov 2017 7:38

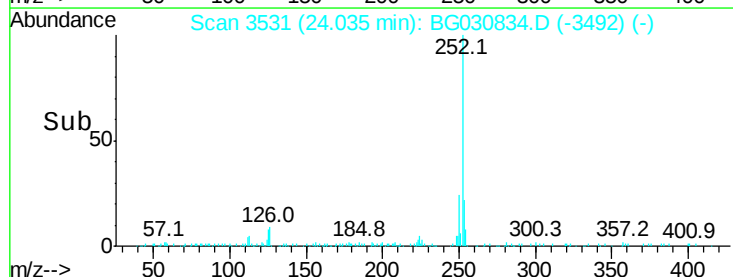
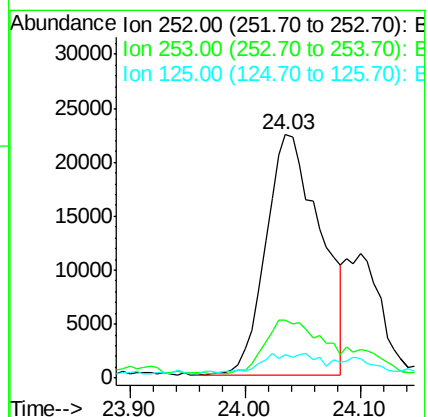
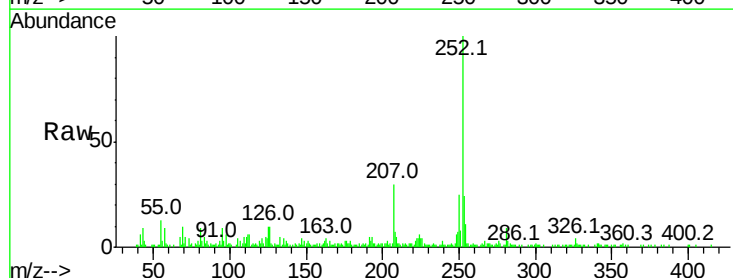
Tgt Ion:252 Resp: 73463

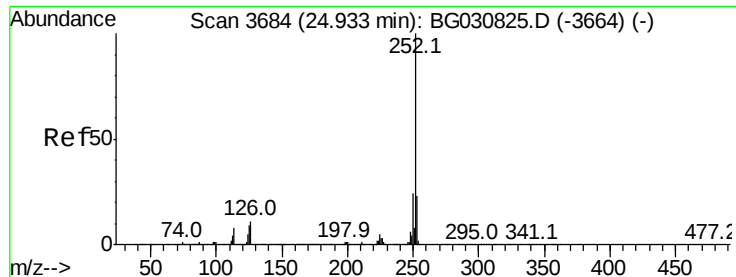
Ion Ratio Lower Upper

252 100

253 23.6 17.2 25.8

125 9.7 7.8 11.8





#88

Benzo(a)pyrene

Concen: 1.774 ng/u1

RT: 24.93 min Scan# 3684

Delta R.T. 0.00 min

Lab File: BG030834.D

Acq: 8 Nov 2017 7:38

Instrument :

BNA_G

ClientSampleId :

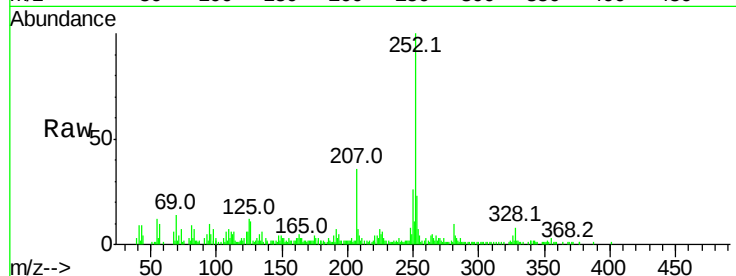
Tot Ion:252 Resp: 49806

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

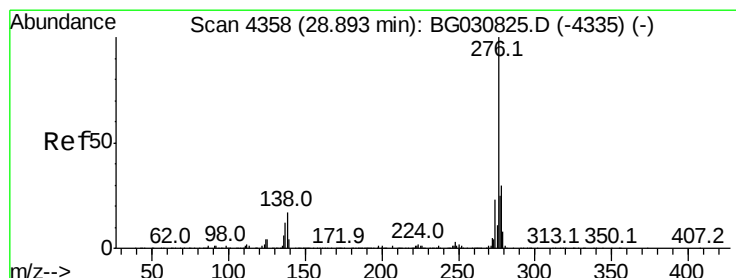
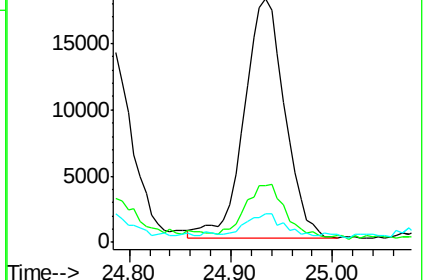
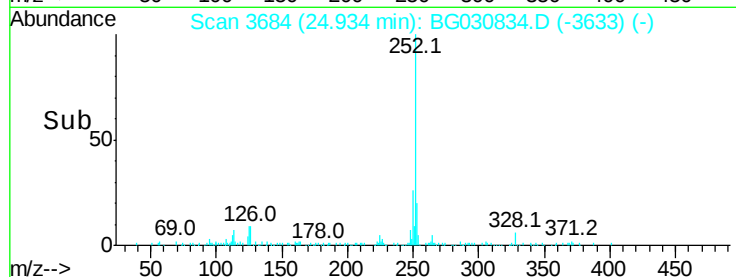
125 11.5 7.8 11.8



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: 1.109 ng/u1

RT: 28.87 min Scan# 4354

Delta R.T. -0.02 min

Lab File: BG030834.D

Acq: 8 Nov 2017 7:38

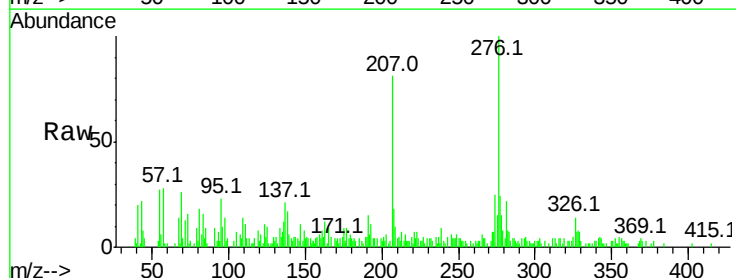
Tgt Ion:276 Resp: 35227

Ion Ratio Lower Upper

276 100

138 16.7 13.4 20.0

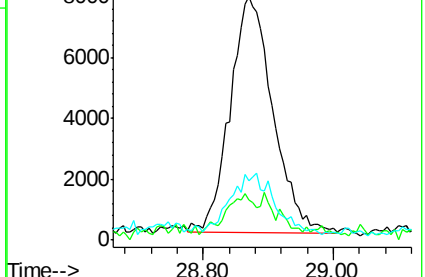
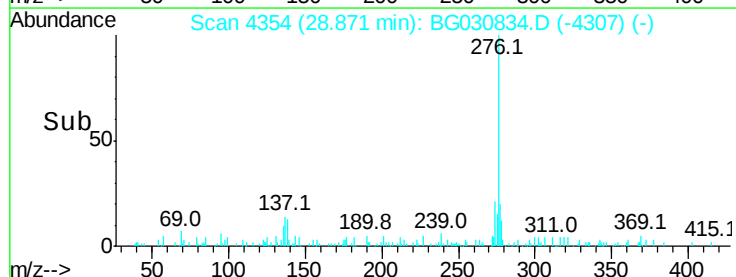
277 24.5 18.6 28.0

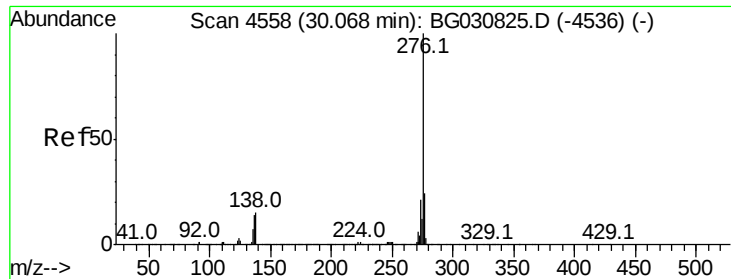


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.192 ng/ul

RT: 30.05 min Scan# 4555

Delta R.T. -0.02 min

Lab File: BG030834.D

Acq: 8 Nov 2017 7:38

Instrument :

BNA_G

ClientSampleId :

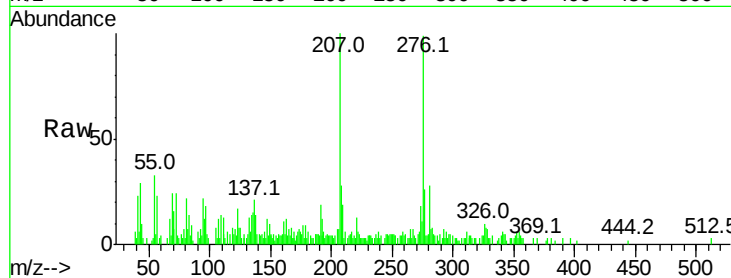
Tot Ion:276 Resp: 31382

Ion Ratio Lower Upper

276 100

138 13.9 12.1 18.1

277 26.6 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

