

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081517\
 Data File : BG028363.D
 Acq On : 16 Aug 2017 3:57
 Operator : SJ/JU
 Sample : I4672-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ0

Quant Time: Aug 16 09:08:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 16 04:06:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	52118	20.00	ng/ul	0.00
18) Naphthalene-d8	11.18	136	224598	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	147151	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.71	188	332619	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	362031	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	355041	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.85	96	3950	3.53	ng/uL	0.00
5) Phenol-d5	7.51	99	122107	21.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.67	67	76075	20.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	89270	24.72	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	99768	20.85	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	47432	27.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.25	143	55038	28.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	107776	27.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.31	131	73853	16.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.35	166	360790	27.57	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	412353	27.94	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	44476	21.37	ng/ul	0.00
57) Fluorene-d10	15.96	176	309008	26.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	57891	26.79	ng/ul	0.00
70) Anthracene-d10	17.81	188	482482	30.25	ng/ul	0.00
76) Pyrene-d10	20.09	212	558483	30.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	516770	31.09	ng/ul	0.01

Target Compounds

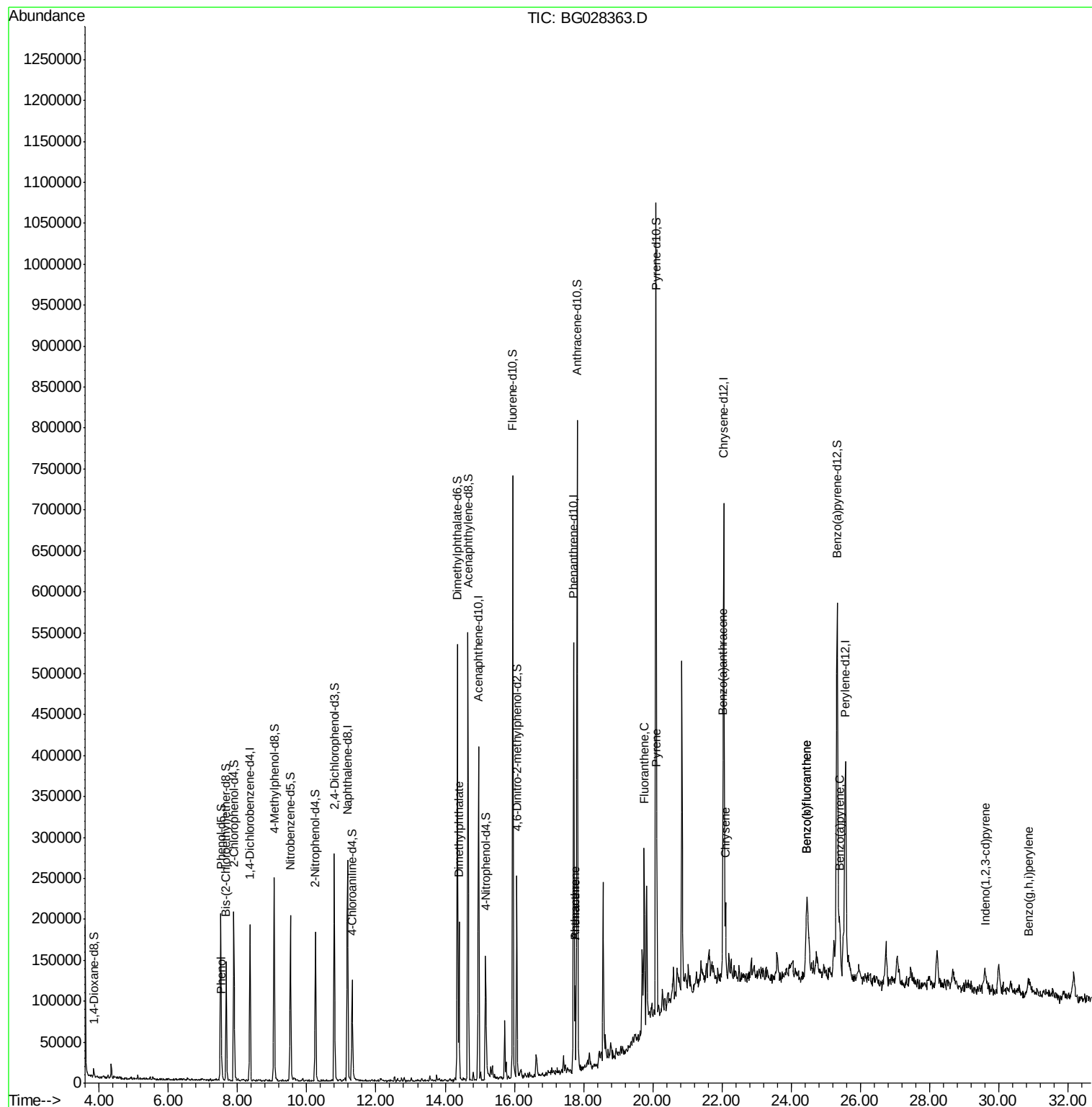
					Ovalue	
6) Phenol	7.54	94	6607	1.161	ng/ul#	84
44) Dimethylphthalate	14.40	163	113541	9.422	ng/ul	99
69) Phenanthrene	17.75	178	64772	3.869	ng/ul	95
71) Anthracene	17.75	178	64772	3.786	ng/ul	95
74) Fluoranthene	19.75	202	144546	7.105	ng/ul	99
77) Pyrene	20.12	202	127672	5.911	ng/ul	98
80) Benzo(a)anthracene	22.03	228	85009	4.064	ng/ul	99
82) Chrysene	22.10	228	79375	4.213	ng/ul	95
85) Benzo(b)fluoranthene	24.44	252	123426	5.809	ng/ul#	96
86) Benzo(k)fluoranthene	24.44	252	123426	5.947	ng/ul#	94
88) Benzo(a)pyrene	25.40	252	87065	4.232	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	29.60	276	56255	2.335	ng/ul#	90
91) Benzo(g,h,i)perylene	30.88	276	45359	2.289	ng/ul#	85

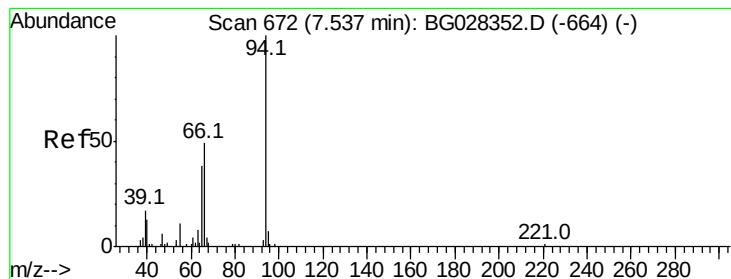
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.161 ng/ul

RT: 7.54 min Scan# 673

Delta R.T. 0.01 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

Instrument :

BNA_G

ClientSampleId :

C0AJ0

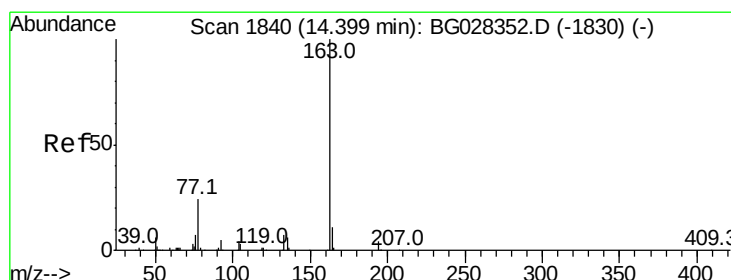
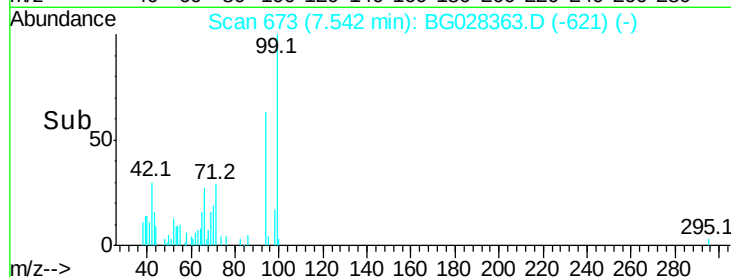
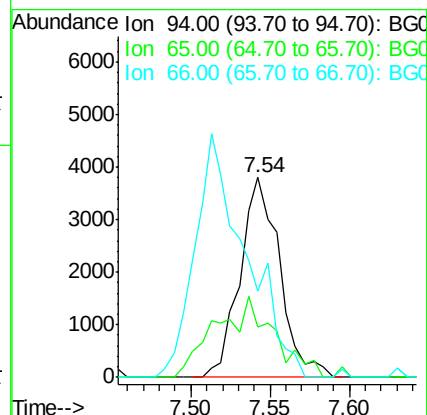
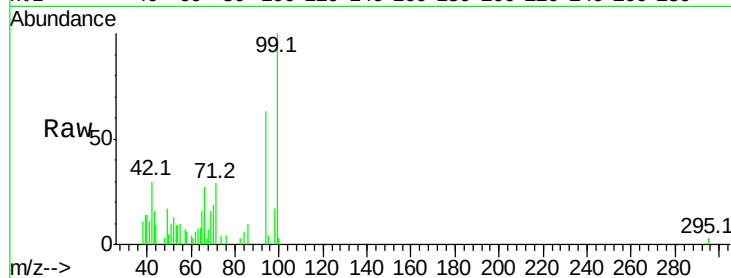
Tot Ion: 94 Resp: 6607

Ion Ratio Lower Upper

94 100

65 25.4 26.8 40.2#

66 43.3 44.4 66.6#



#44

Dimethylphthalate

Concen: 9.422 ng/ul

RT: 14.40 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

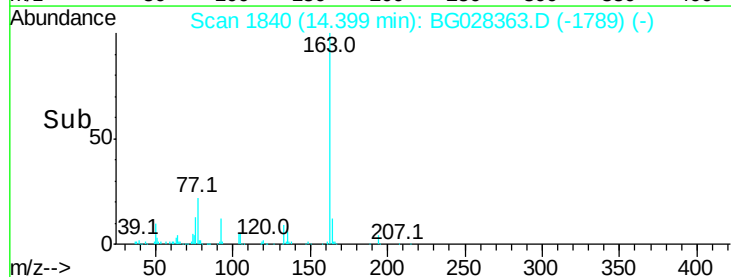
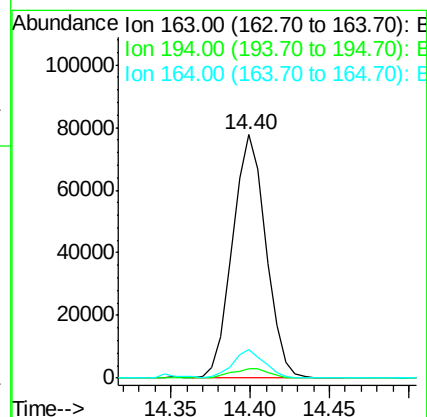
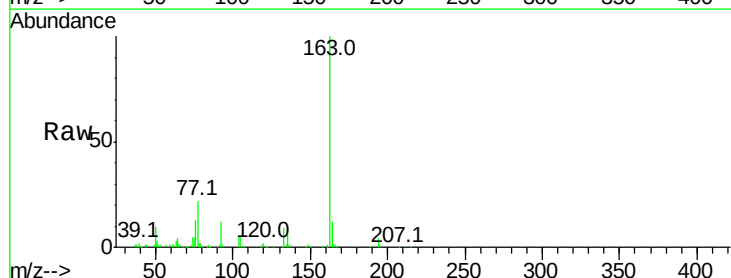
Tgt Ion:163 Resp: 113541

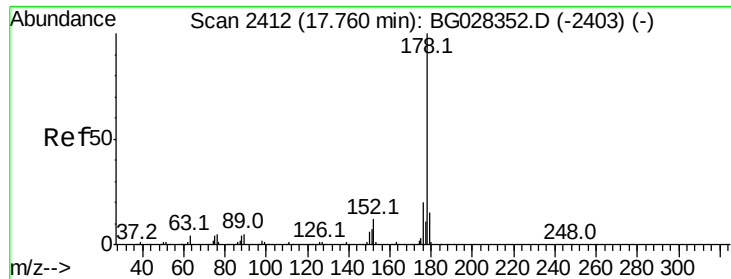
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 11.7 9.0 13.4





#69

Phenanthrene

Concen: 3.869 ng/ul

RT: 17.75 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

Instrument :

BNA_G

ClientSampleId :

C0AJ0

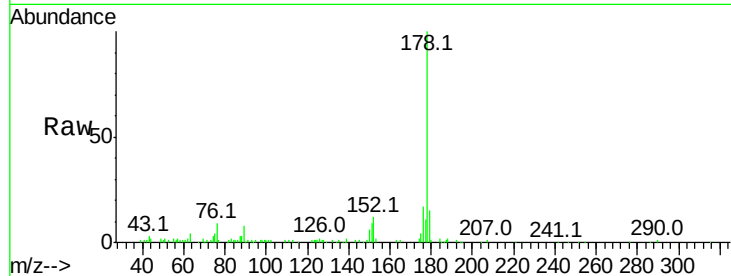
Tot Ion:178 Resp: 64772

Ion Ratio Lower Upper

178 100

179 14.9 12.4 18.6

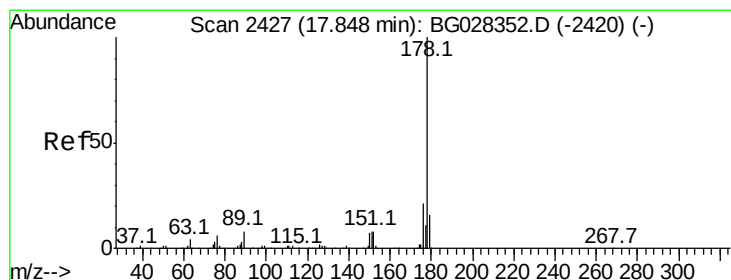
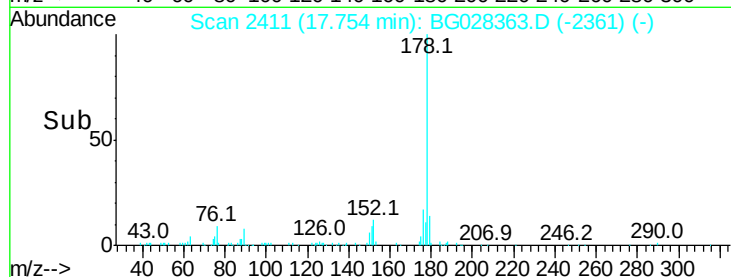
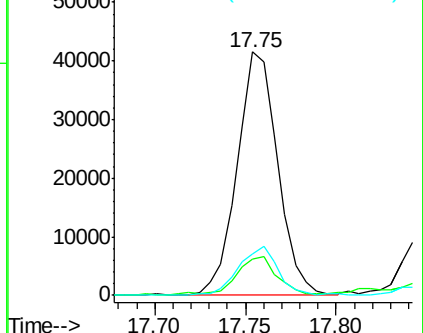
176 17.0 16.5 24.7



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: 3.786 ng/ul

RT: 17.75 min Scan# 2411

Delta R.T. -0.09 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

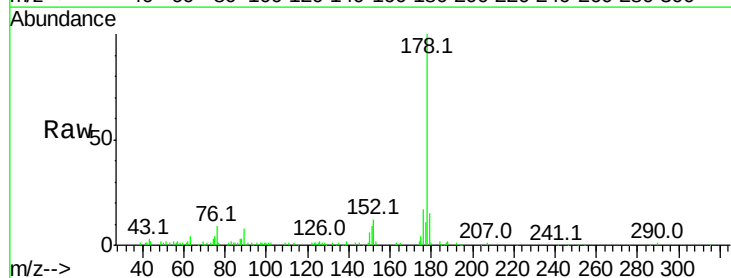
Tgt Ion:178 Resp: 64772

Ion Ratio Lower Upper

178 100

179 14.9 12.6 19.0

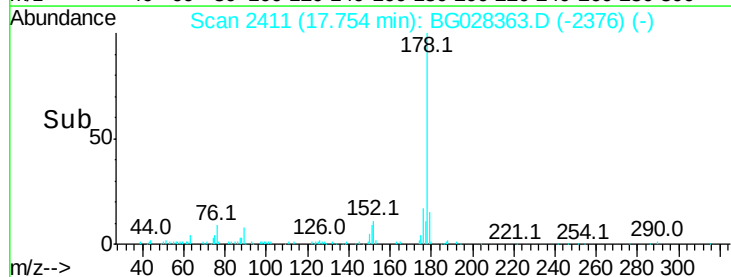
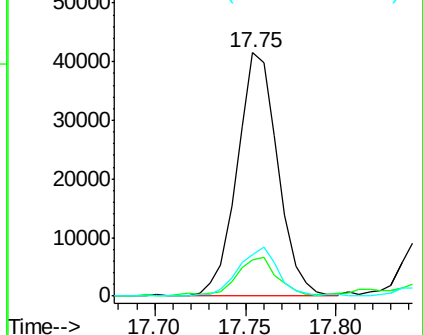
176 17.0 15.9 23.9

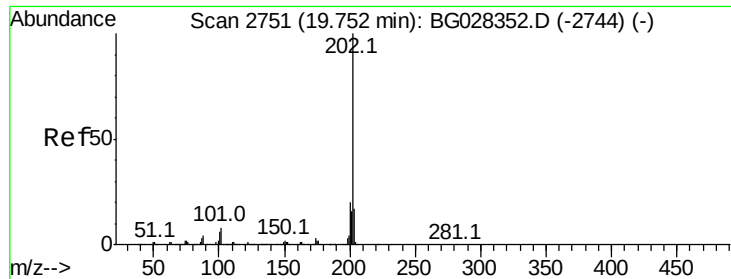


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

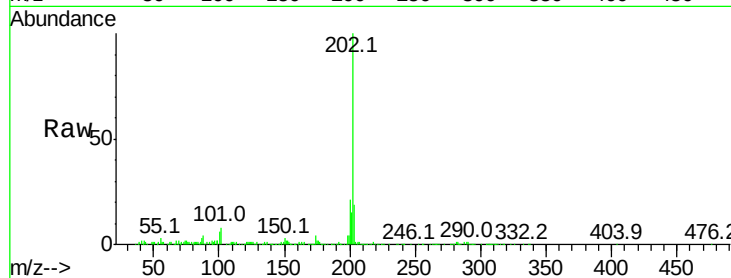




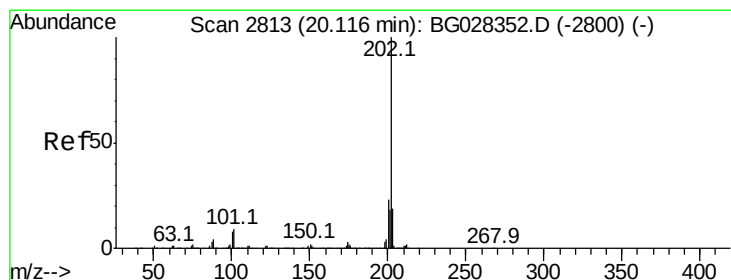
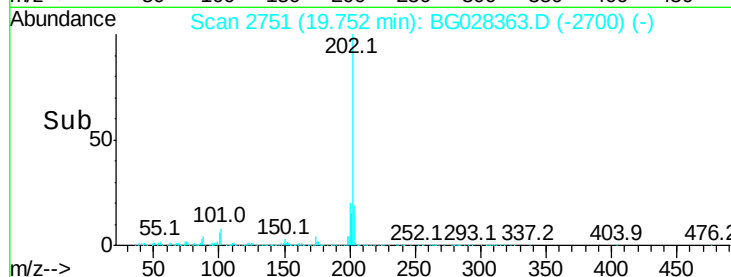
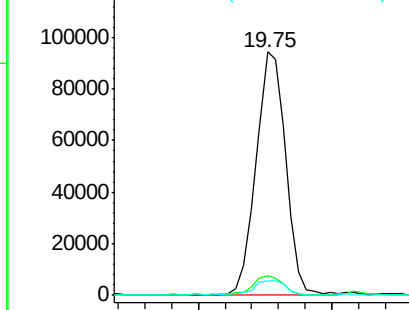
#74
Fluoranthene
Concen: 7.105 ng/ul
RT: 19.75 min Scan# 2751
Delta R.T. -0.00 min
Lab File: BG028363.D
Acq: 16 Aug 2017 3:57

Instrument :
BNA_G
ClientSampleId :
C0AJ0

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.2	9.2
100	5.9	5.2	7.8

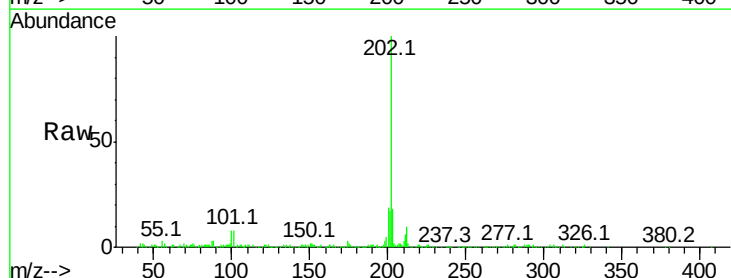


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

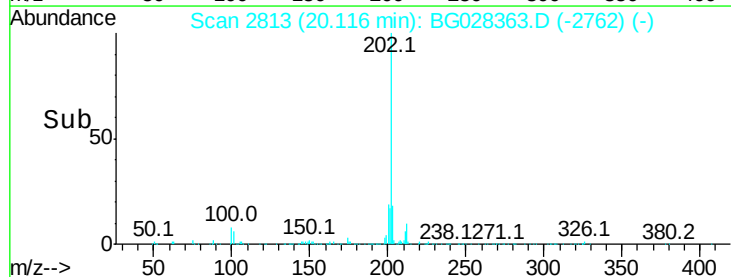
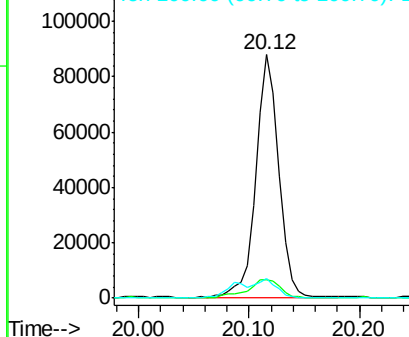


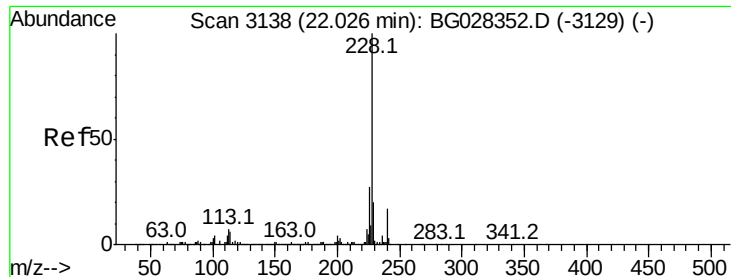
#77
Pyrene
Concen: 5.911 ng/ul
RT: 20.12 min Scan# 2813
Delta R.T. -0.00 min
Lab File: BG028363.D
Acq: 16 Aug 2017 3:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.9	10.3
100	8.1	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: 4.064 ng/ul

RT: 22.03 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

Instrument :

BNA_G

ClientSampleId :

C0AJ0

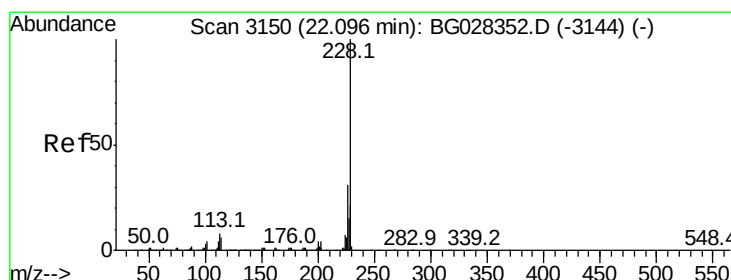
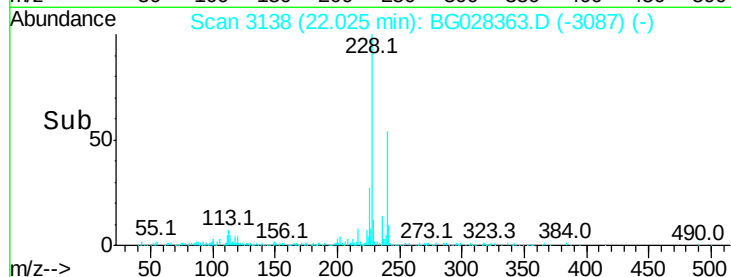
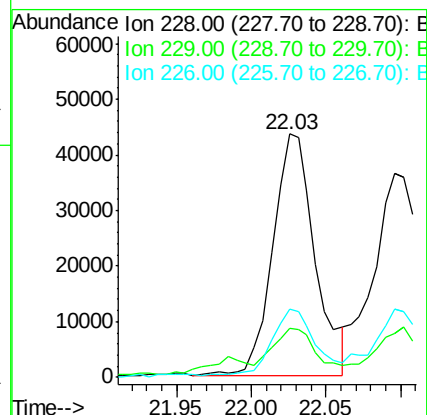
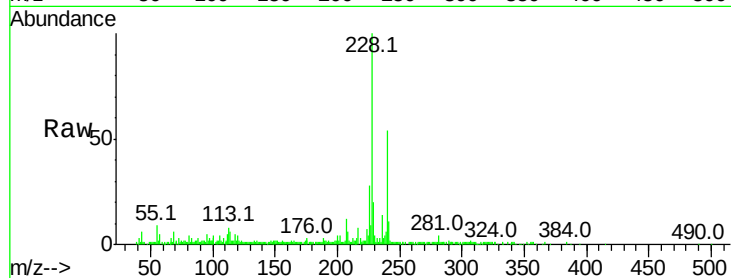
Tot Ion:228 Resp: 85009

Ion Ratio Lower Upper

228 100

229 20.0 16.3 24.5

226 28.1 21.9 32.9



#82

Chrysene

Concen: 4.213 ng/ul

RT: 22.10 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

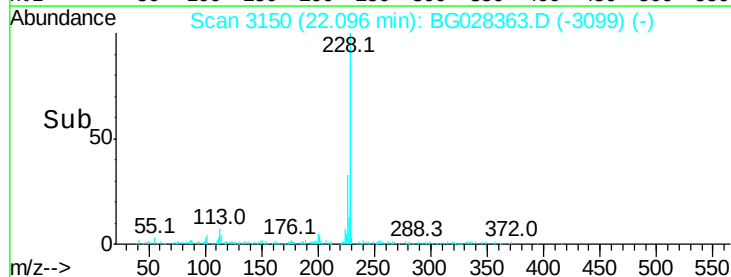
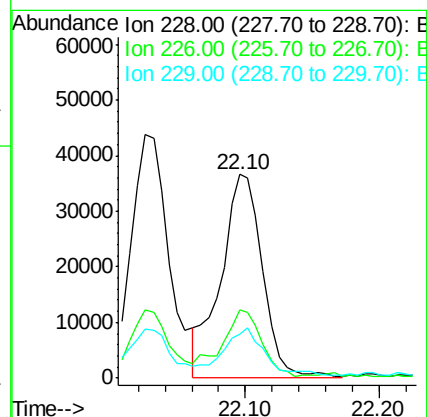
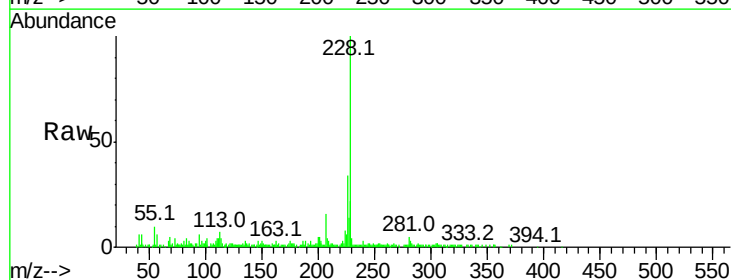
Tgt Ion:228 Resp: 79375

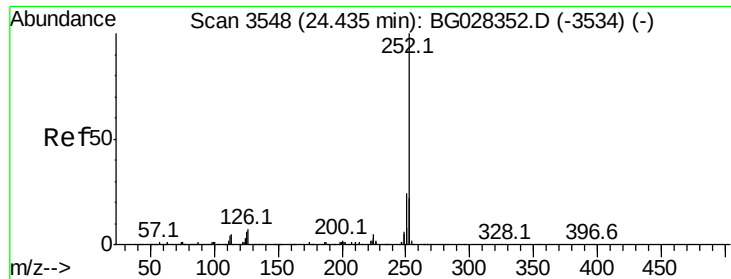
Ion Ratio Lower Upper

228 100

226 33.7 24.0 36.0

229 21.8 16.9 25.3





#85

Benzo(b)fluoranthene

Concen: 5.809 ng/ul

RT: 24.44 min Scan# 3549

Delta R.T. 0.01 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

Instrument :

BNA_G

ClientSampleId :

C0AJ0

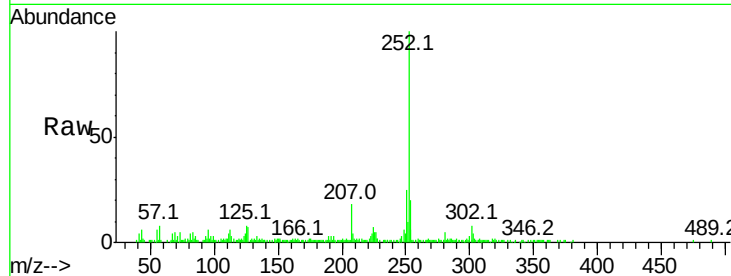
Tot Ion:252 Resp: 123426

Ion Ratio Lower Upper

252 100

253 20.5 17.7 26.5

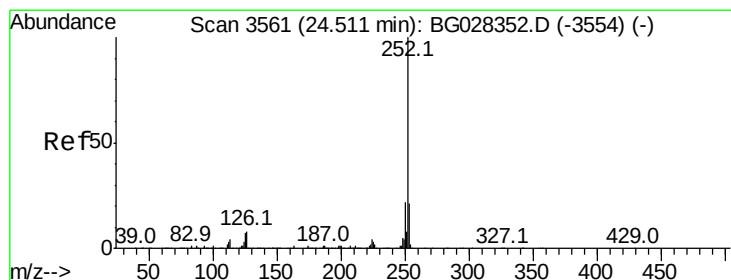
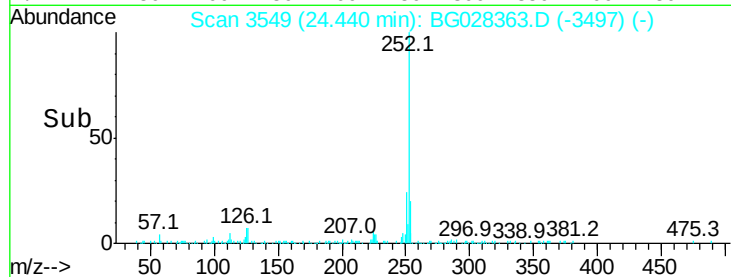
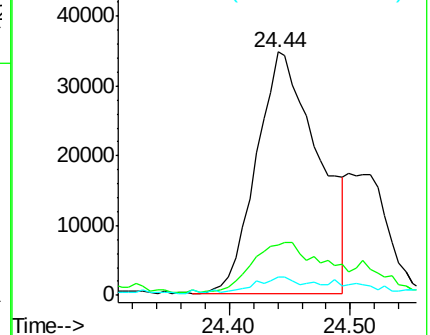
125 7.6 4.0 6.0#



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: 5.947 ng/ul

RT: 24.44 min Scan# 3549

Delta R.T. -0.07 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

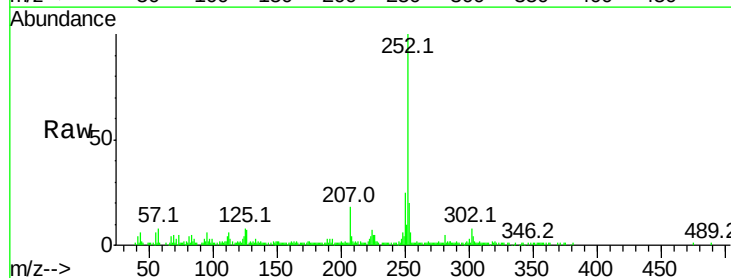
Tgt Ion:252 Resp: 123426

Ion Ratio Lower Upper

252 100

253 20.5 18.5 27.7

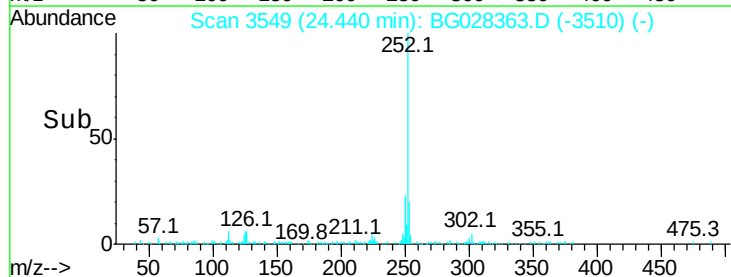
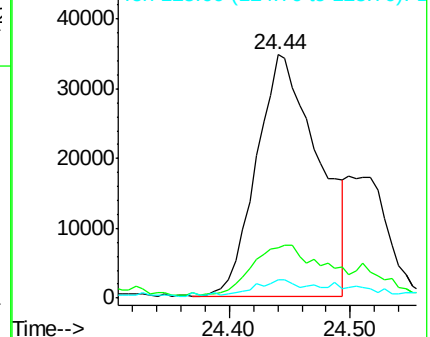
125 7.6 4.1 6.1#

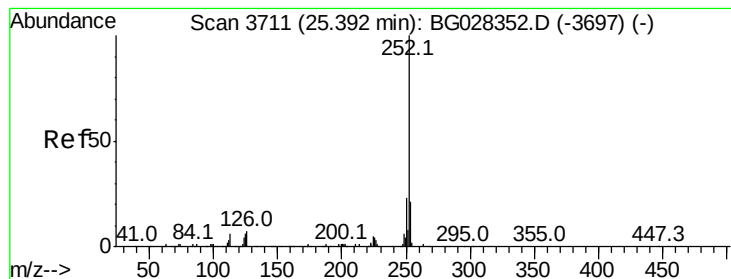


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 4.232 ng/ul

RT: 25.40 min Scan# 3712

Delta R.T. 0.01 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

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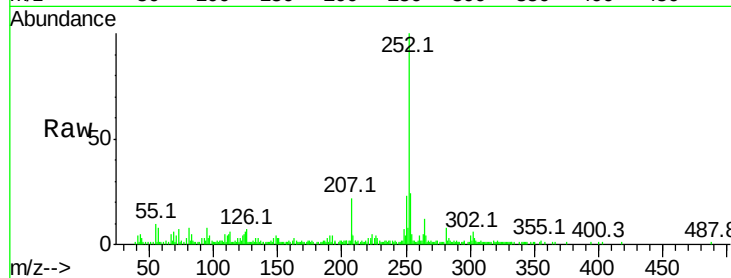
Tot Ion:252 Resp: 87065

Ion Ratio Lower Upper

252 100

253 23.9 17.8 26.6

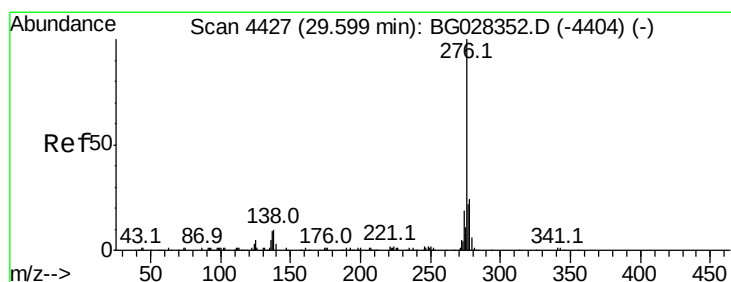
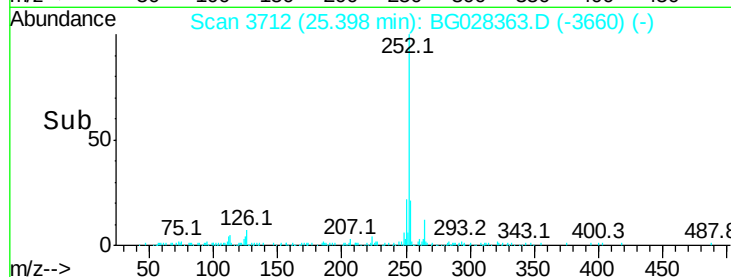
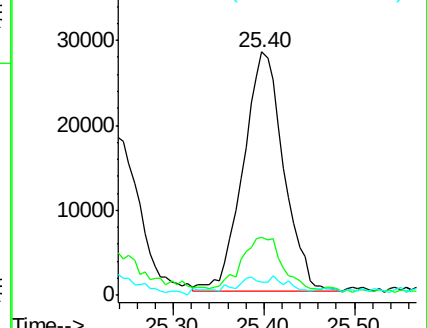
125 5.7 5.4 8.0



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.335 ng/ul

RT: 29.60 min Scan# 4428

Delta R.T. 0.01 min

Lab File: BG028363.D

Acq: 16 Aug 2017 3:57

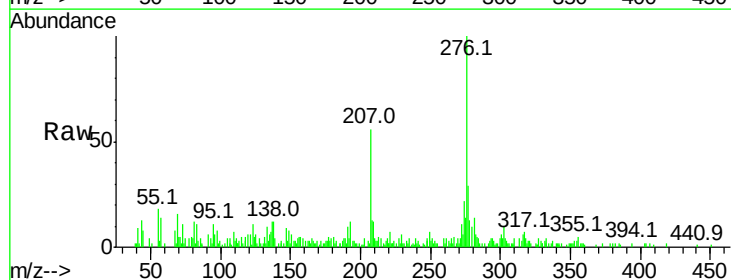
Tgt Ion:276 Resp: 56255

Ion Ratio Lower Upper

276 100

138 12.3 8.2 12.4

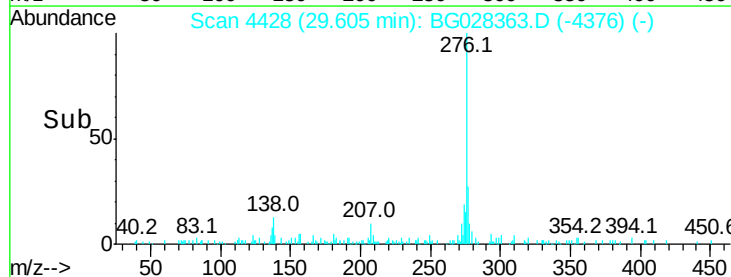
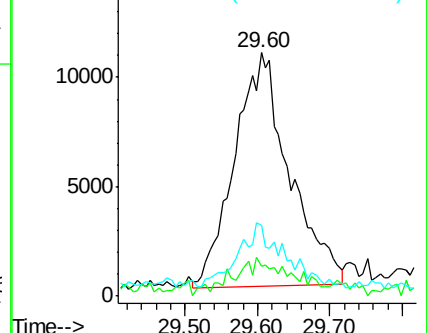
277 28.9 18.6 28.0#

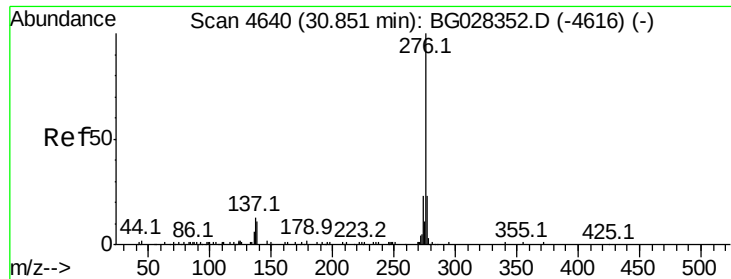


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.289 ng/ul

RT: 30.88 min Scan# 4645

Delta R.T. 0.03 min

Lab File: BG028363.D

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BNA_G

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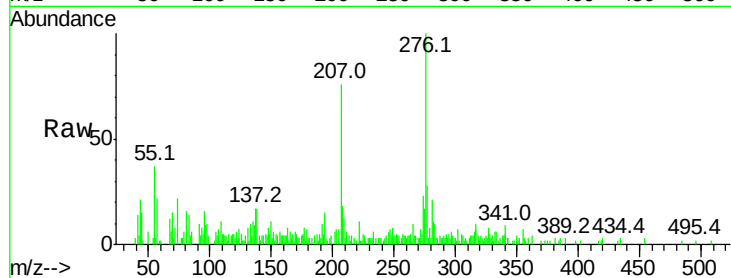
Tot Ion:276 Resp: 45359

Ion Ratio Lower Upper

276 100

138 17.4 8.6 12.8#

277 28.5 17.6 26.4#



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

