

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091019\
 Data File : BP000187.D
 Acq On : 11 Sep 2019 00:16
 Operator : HP/JU
 Sample : K4633-18
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 11 04:11:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 02:03:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	458670	20.00	ng/ul	0.00
18) Naphthalene-d8	8.18	136	1689255	20.00	ng/ul	0.00
36) Acenaphthene-d10	9.95	164	864941	20.00	ng/ul	0.00
62) Phenanthrene-d10	11.45	188	1473768	20.00	ng/ul	0.00
78) Chrysene-d12	14.15	240	1043166	20.00	ng/ul	0.00
86) Perylene-d12	15.70	264	1157074	20.00	ng/ul	0.01

System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.62	96	54157	4.19	ng/uL	0.01
5) Phenol-d5	6.51	99	1011290	25.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.58	67	537040	26.29	ng/ul	0.00
9) 2-Chlorophenol-d4	6.66	132	834461	26.41	ng/ul	0.00
13) 4-Methylphenol-d8	7.26	113	743838	25.35	ng/ul	0.00
19) Nitrobenzene-d5	7.45	128	413100	32.21	ng/ul	0.00
22) 2-Nitrophenol-d4	7.78	143	437864	35.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	8.02	165	736948	27.80	ng/ul	0.00
29) 4-Chloroaniline-d4	8.23	131	305029	9.31	ng/ul	0.00
44) Dimethylphthalate-d6	9.63	166	1910673	29.92	ng/ul	0.00
47) Acenaphthylene-d8	9.79	160	2267807	28.73	ng/ul	0.00
52) 4-Nitrophenol-d4	10.03	143	283209	24.82	ng/ul	0.00
58) Fluorene-d10	10.47	176	1500945	27.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	10.53	200	117130	17.29	ng/ul	0.00
71) Anthracene-d10	11.50	188	1972031	27.63	ng/ul	0.00
79) Pyrene-d10	12.90	212	1880053	30.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	15.60	264	1746169	29.11	ng/ul	0.01

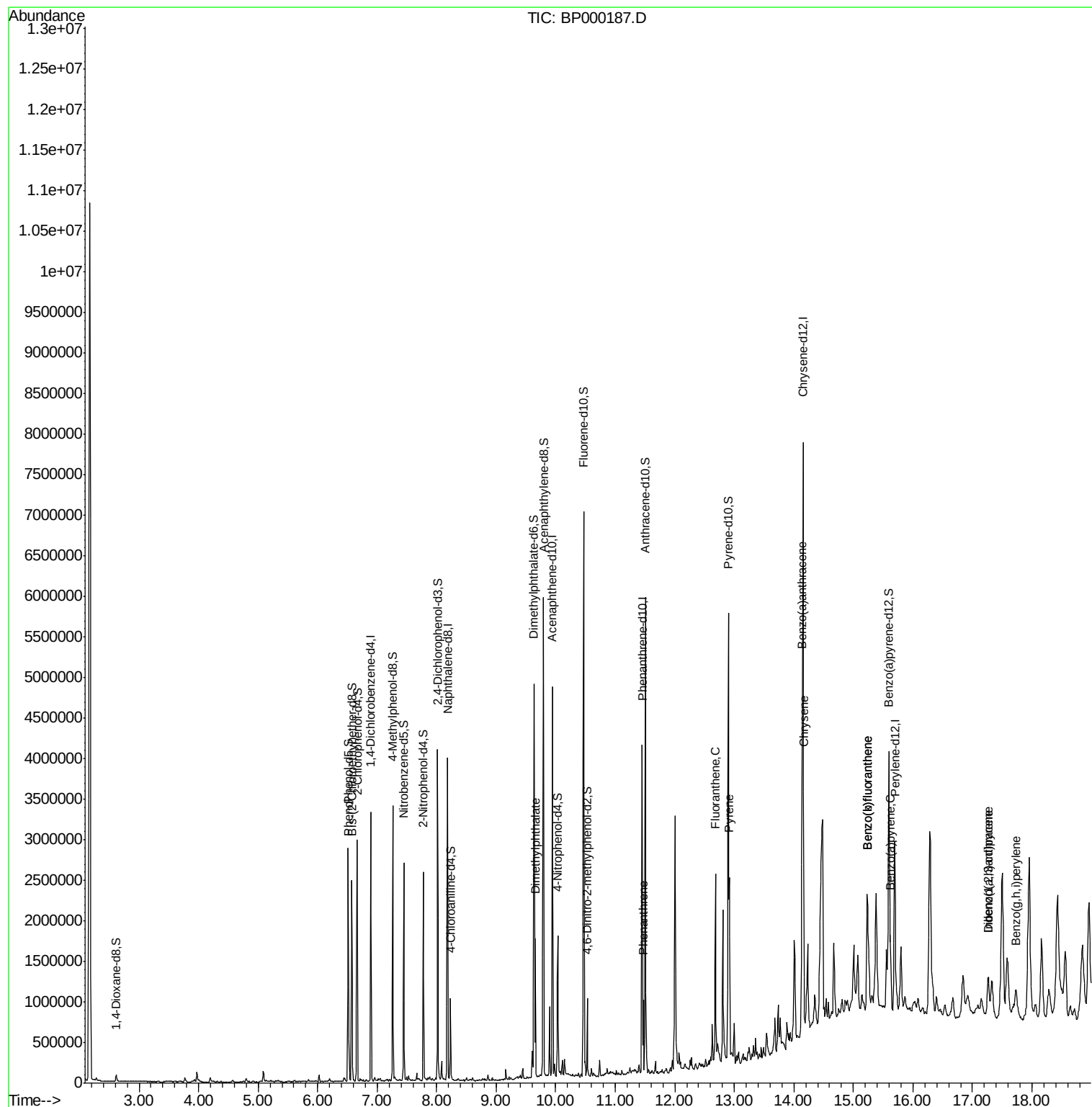
Target Compounds				Ovalue		
6) Phenol	6.52	94	183412	4.505	ng/ul	95
45) Dimethylphthalate	9.66	163	656397	10.185	ng/ul	99
70) Phenanthrene	11.47	178	347428	3.986	ng/ul	99
77) Fluoranthene	12.68	202	942335	10.720	ng/ul	99
80) Pyrene	12.92	202	824735	10.479	ng/ul	97
83) Benzo(a)anthracene	14.13	228	476372	6.309	ng/ul	97
85) Chrysene	14.17	228	468433	6.760	ng/ul	97
88) Benzo(b)fluoranthene	15.23	252	781031	10.184	ng/ul	97
89) Benzo(k)fluoranthene	15.23	252	781031	10.804	ng/ul	98
91) Benzo(a)pyrene	15.63	252	474256	6.591	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	17.26	276	351562	4.247	ng/ul	99
93) Dibenzo(a,h)anthracene	17.27	278	92452	1.348	ng/ul#	90
94) Benzo(g,h,i)perylene	17.73	276	305148	4.421	ng/ul	98

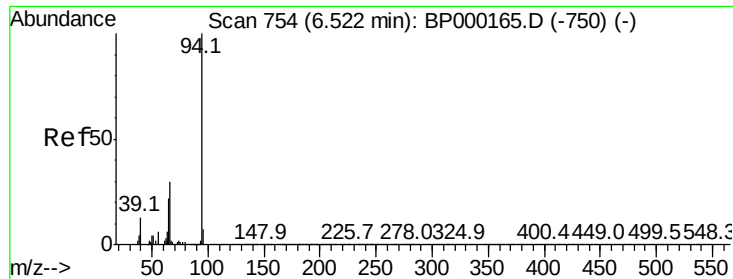
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 11 02:03:45 2019
Response via : Initial Calibration





#6

Phenol

Concen: 4.505 ng/ul

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BP000187.D

Acq: 11 Sep 2019 00:16

Instrument :

BNA_P

ClientSampleId :

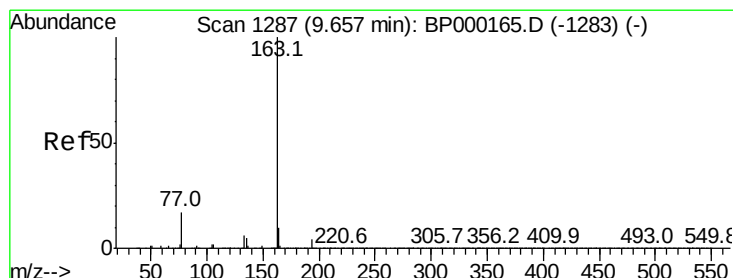
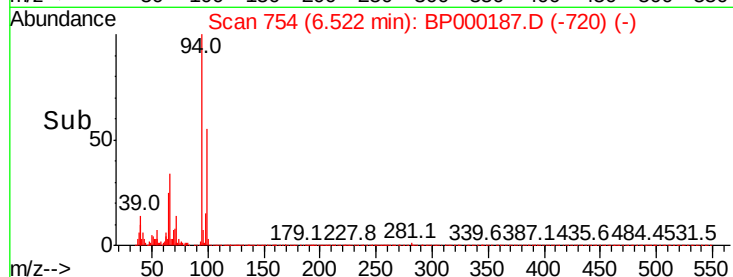
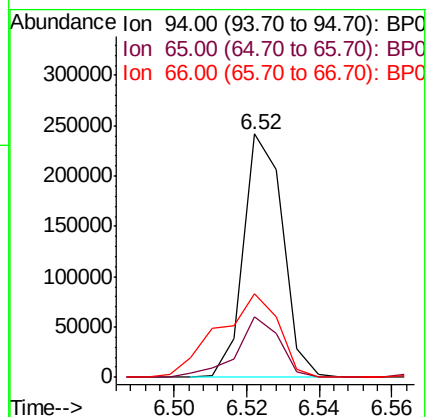
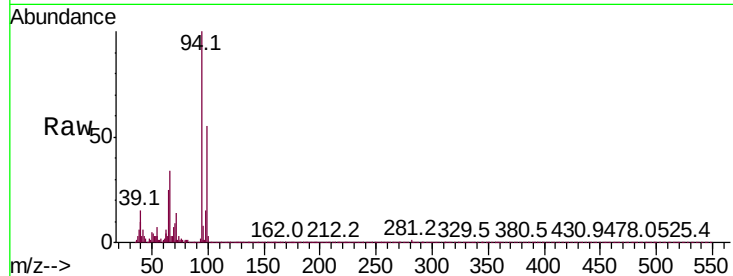
Tot Ion: 94 Resp: 183412

Ion Ratio Lower Upper

94 100

65 24.8 18.8 28.2

66 34.1 24.2 36.2



#45

Dimethylphthalate

Concen: 10.185 ng/ul

RT: 9.66 min Scan# 1287

Delta R.T. 0.00 min

Lab File: BP000187.D

Acq: 11 Sep 2019 00:16

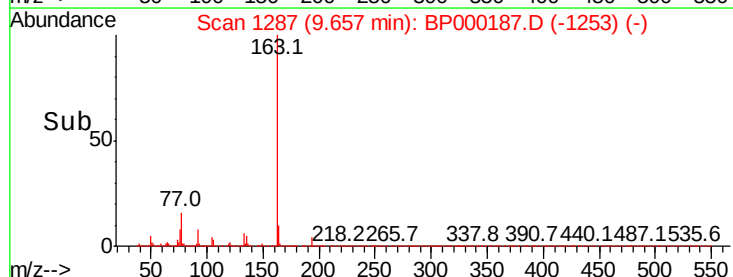
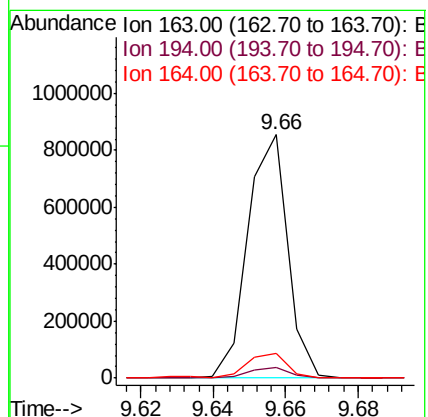
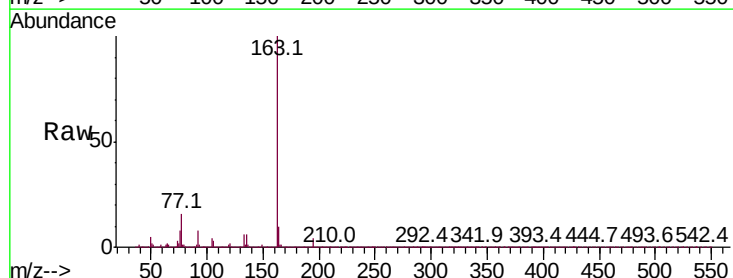
Tgt Ion: 163 Resp: 656397

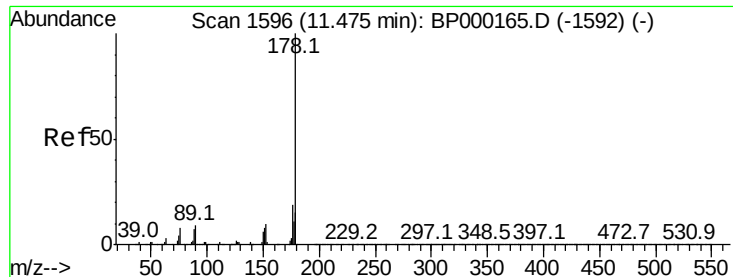
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 9.9 8.4 12.6





#70

Phenanthrene

Concen: 3.986 ng/ul

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BP000187.D

Acq: 11 Sep 2019 00:16

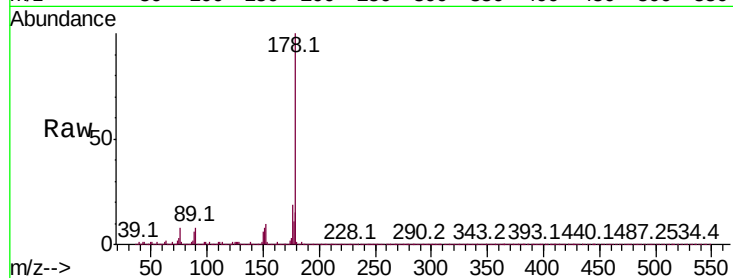
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 347428

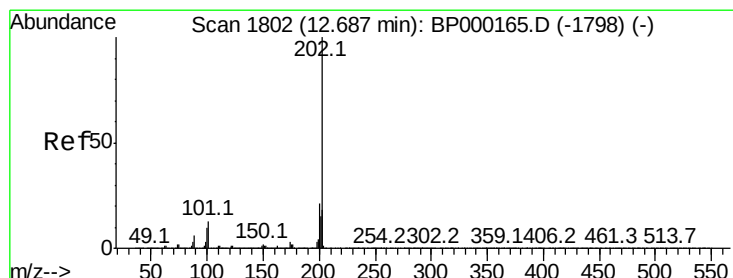
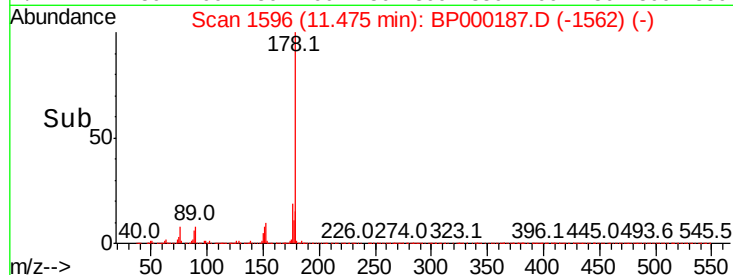
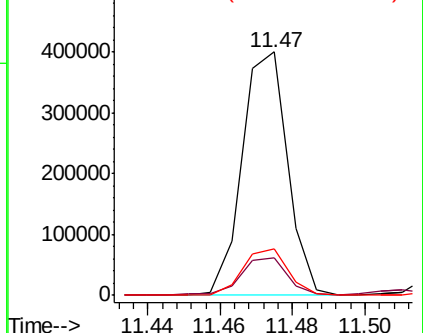
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.0	15.7	23.5



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



#77

Fluoranthene

Concen: 10.720 ng/ul

RT: 12.68 min Scan# 1801

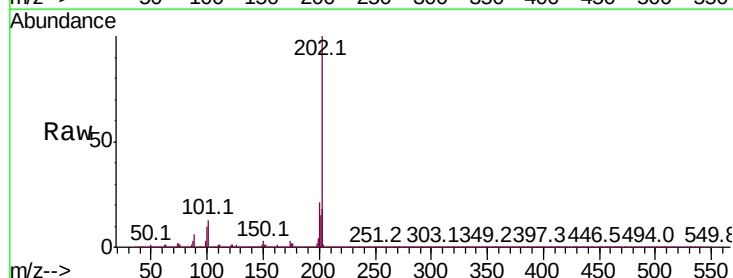
Delta R.T. -0.01 min

Lab File: BP000187.D

Acq: 11 Sep 2019 00:16

Tgt Ion:202 Resp: 942335

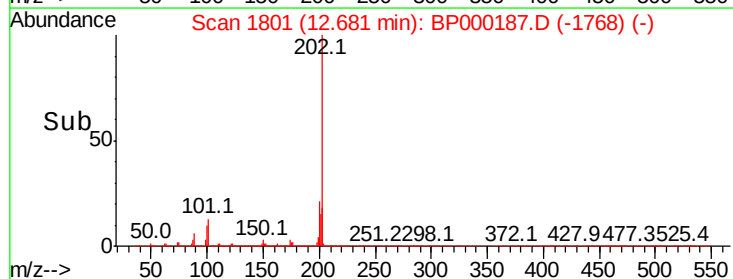
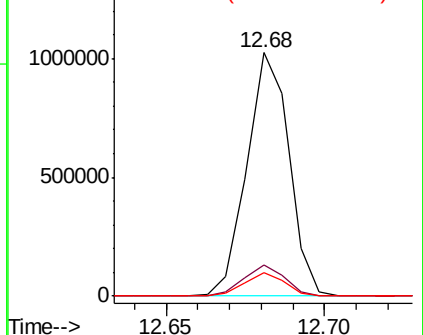
Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.0	15.0
100	9.7	7.4	11.2

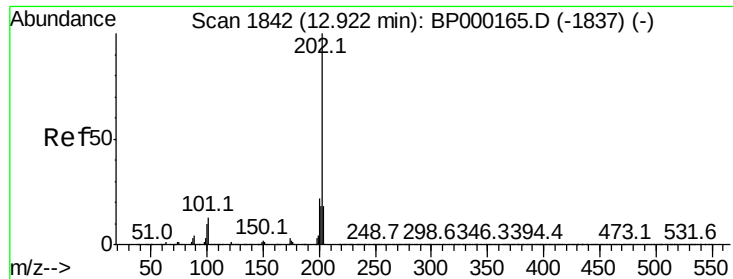


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

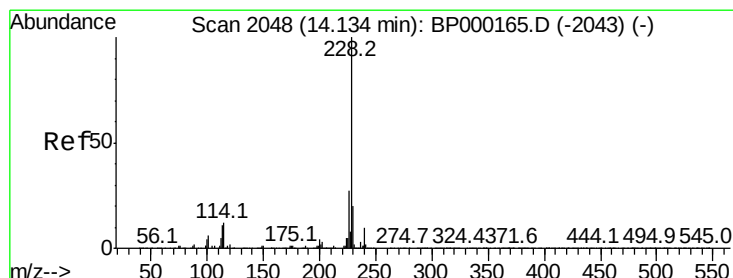
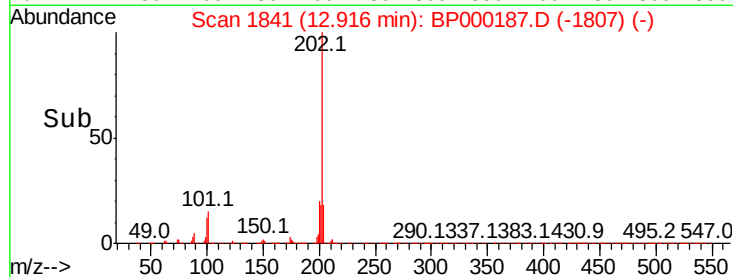
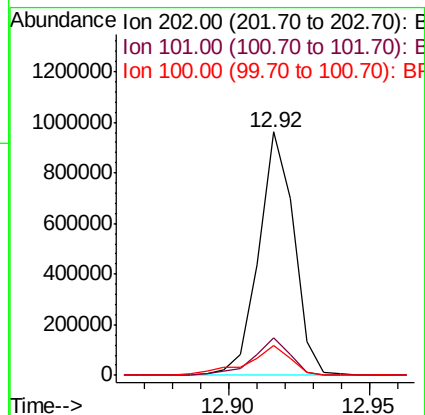
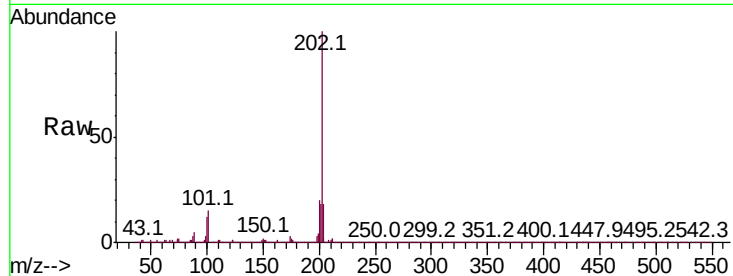




#80
 Pvrene
 Concen: 10.479 ng/ul
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BP000187.D
 Acq: 11 Sep 2019 00:16

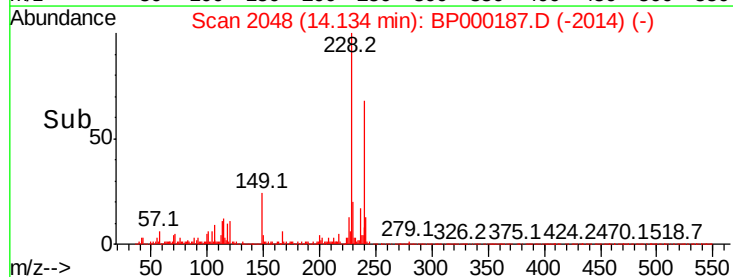
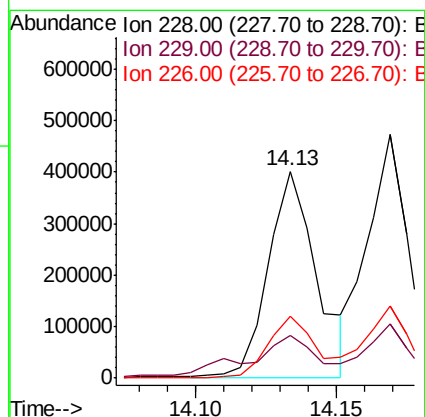
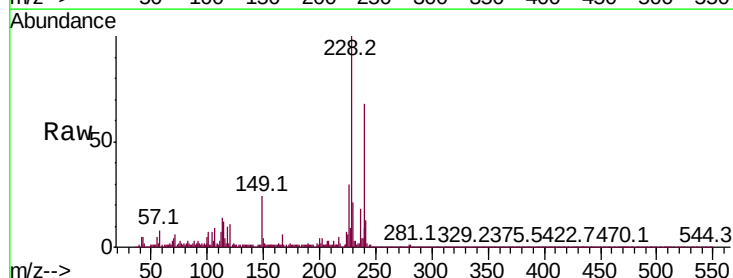
Instrument :
 BNA_P
 ClientSampleId :

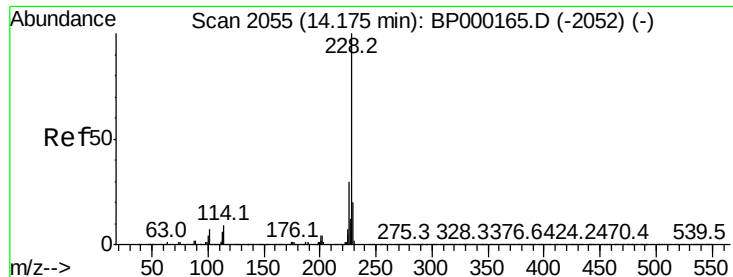
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.4	13.4	20.0
100	12.4	10.8	16.2



#83
 Benzo(a)anthracene
 Concen: 6.309 ng/ul
 RT: 14.13 min Scan# 2048
 Delta R.T. 0.00 min
 Lab File: BP000187.D
 Acq: 11 Sep 2019 00:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	29.8	22.1	33.1

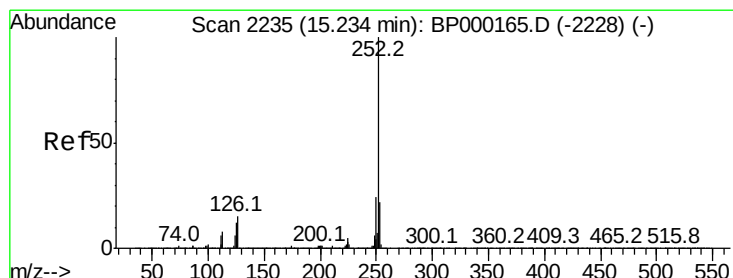
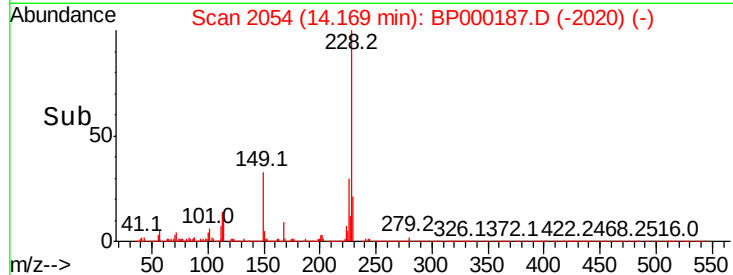
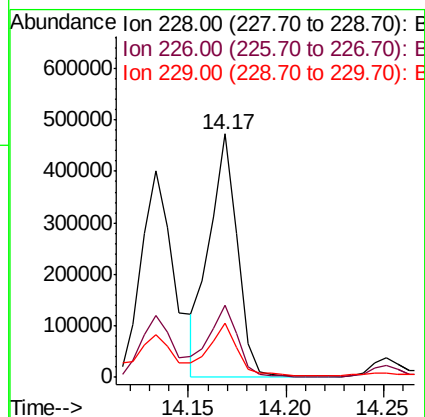
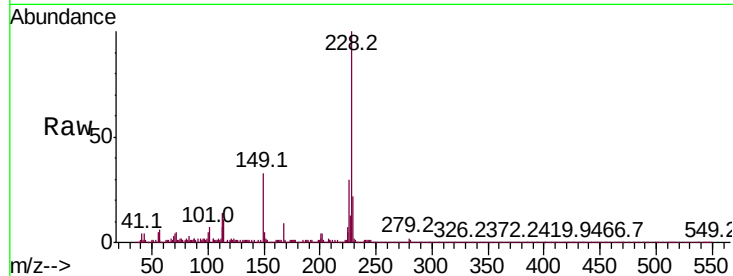




#85
 Chrysene
 Concen: 6.760 ng/ul
 RT: 14.17 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BP000187.D
 Acq: 11 Sep 2019 00:16

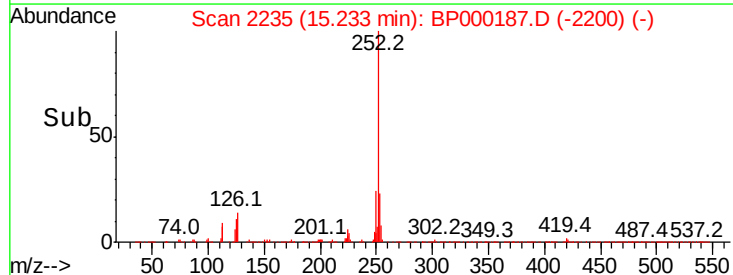
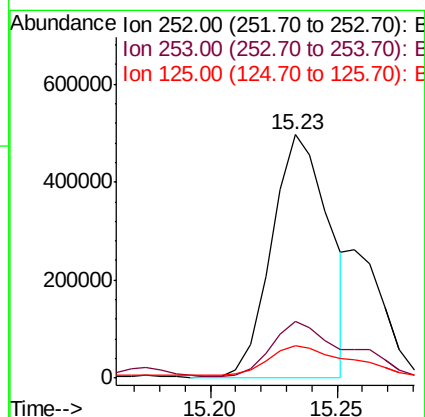
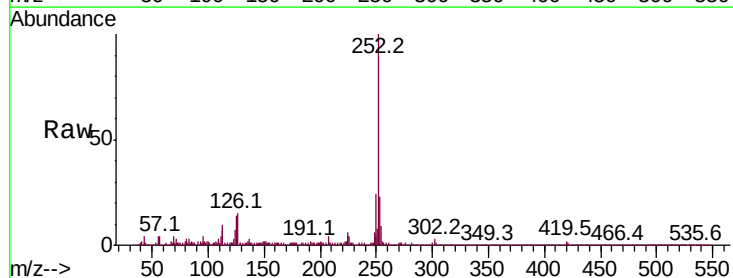
Instrument :
 BNA_P
 ClientSampleId :

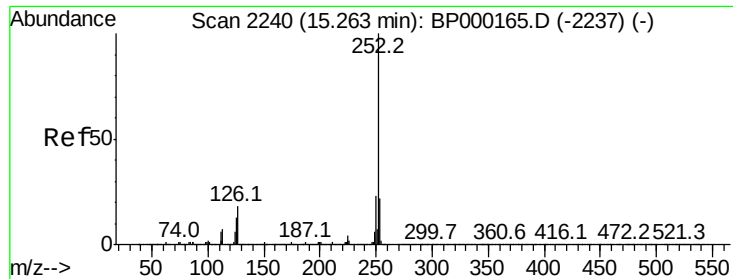
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.4	36.6
229	22.0	16.0	24.0



#88
 Benzo(b)fluoranthene
 Concen: 10.184 ng/ul
 RT: 15.23 min Scan# 2235
 Delta R.T. 0.01 min
 Lab File: BP000187.D
 Acq: 11 Sep 2019 00:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	13.5	9.9	14.9





#89

Benzo(k)fluoranthene

Concen: 10.804 ng/ul

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BP000187.D

Acq: 11 Sep 2019 00:16

Instrument :

BNA_P

ClientSampleId :

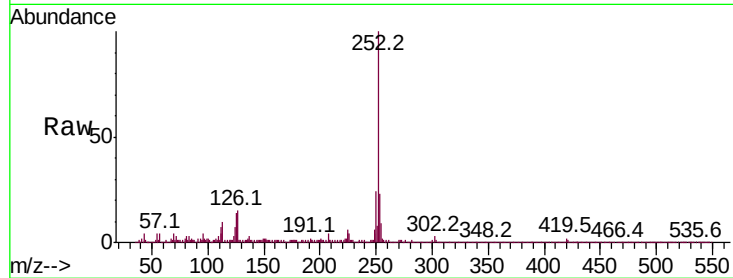
Tot Ion:252 Resp: 781031

Ion Ratio Lower Upper

252 100

253 23.4 18.0 27.0

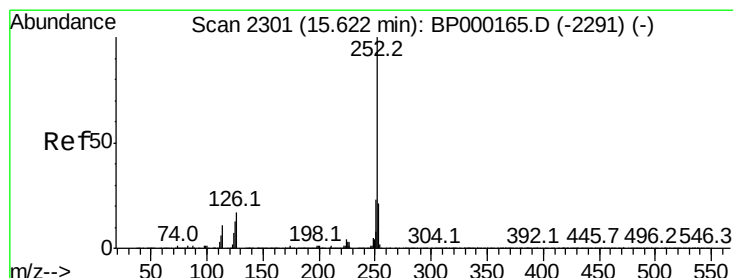
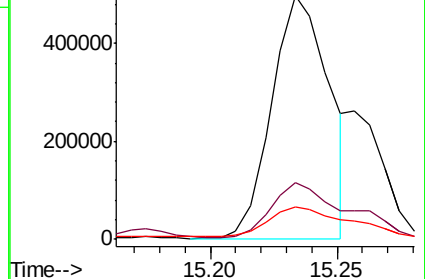
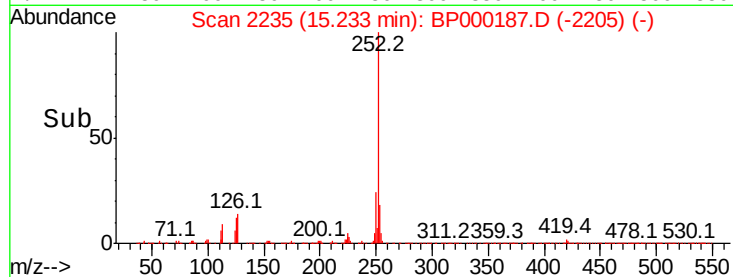
125 13.5 10.2 15.2



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



#91

Benzo(a)pyrene

Concen: 6.591 ng/ul

RT: 15.63 min Scan# 2302

Delta R.T. 0.01 min

Lab File: BP000187.D

Acq: 11 Sep 2019 00:16

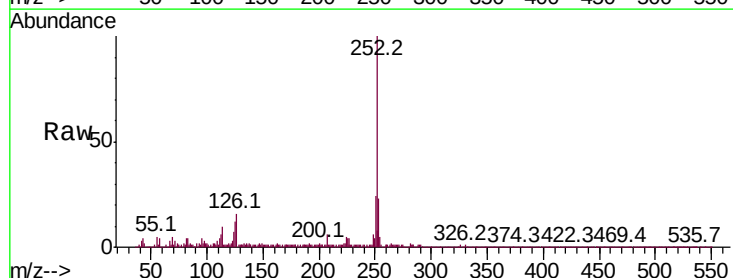
Tgt Ion:252 Resp: 474256

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

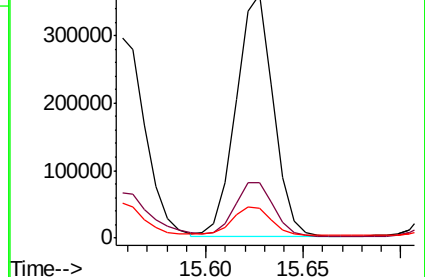
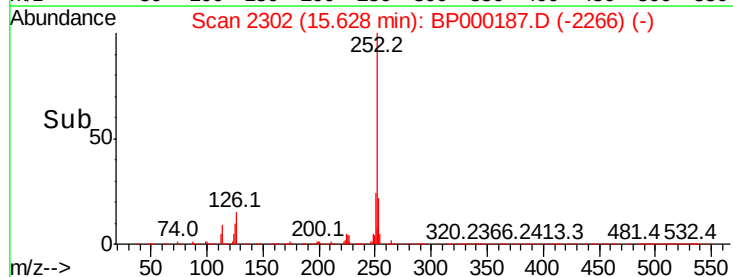
125 12.1 10.2 15.2

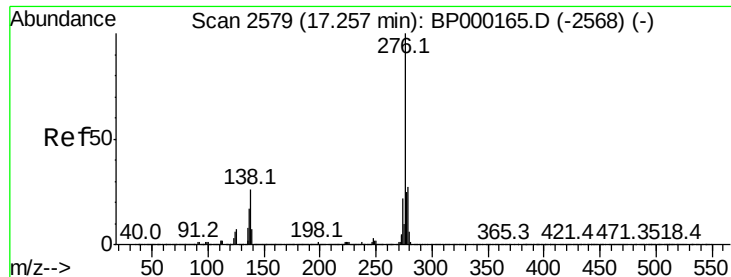


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



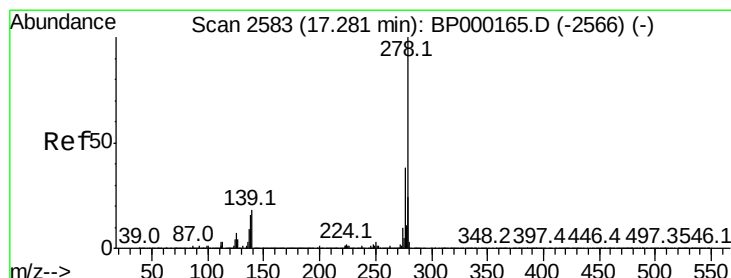
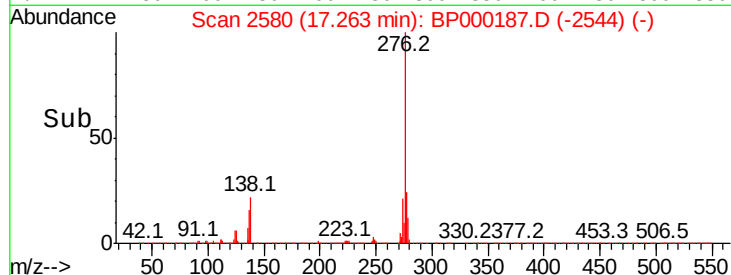
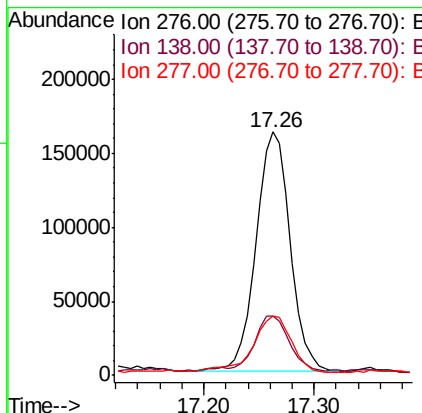
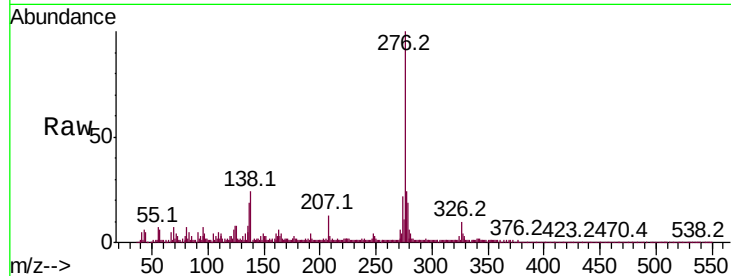


#92

Indeno(1,2,3-cd)pyrene
Concen: 4.247 ng/ul
RT: 17.26 min Scan# 2580
Delta R.T. 0.01 min
Lab File: BP000187.D
Acq: 11 Sep 2019 00:16

Instrument :
BNA_P
ClientSampleId :

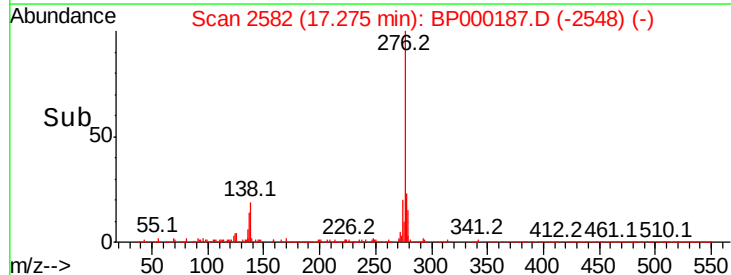
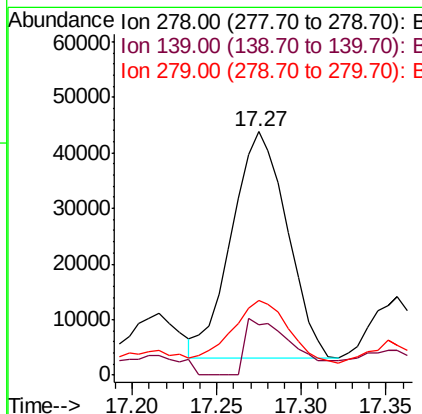
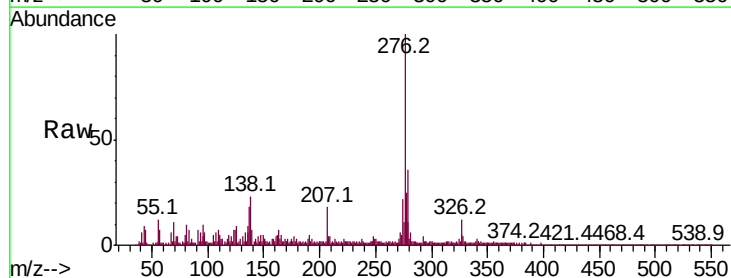
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.0	30.0
277	24.4	19.4	29.0

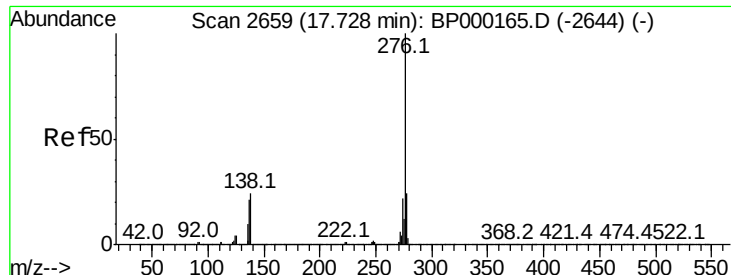


#93

Dibenzo(a,h)anthracene
Concen: 1.348 ng/ul
RT: 17.27 min Scan# 2582
Delta R.T. 0.00 min
Lab File: BP000187.D
Acq: 11 Sep 2019 00:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.7	15.1	22.7
279	30.8	19.2	28.8





#94

Benzo(a,h,i)perylene

Concen: 4.421 ng/ul

RT: 17.73 min Scan# 2660

Delta R.T. 0.01 min

Lab File: BP000187.D

Acq: 11 Sep 2019 00:16

Instrument :

BNA_P

ClientSampleId :

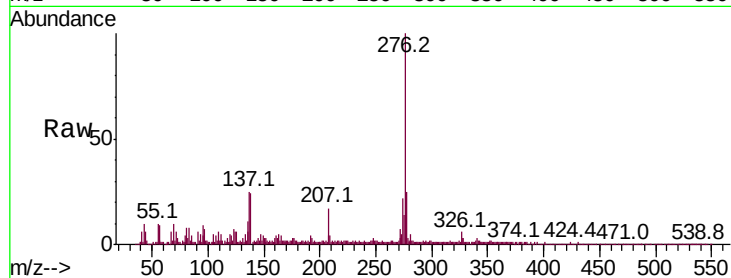
Tot Ion:276 Resp: 305148

Ion Ratio Lower Upper

276 100

138 23.9 20.0 30.0

277 24.9 19.1 28.7



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

