

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021647.D
 Acq On : 25 Jul 2019 21:40
 Operator : HP/JU
 Sample : K3850-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 26 01:09:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 01:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	132998	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	625165	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	447147	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1052242	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1219219	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1240972	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.25	96	7944	3.26	ng/uL	0.00
5) Phenol-d5	6.87	99	180045	15.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	106006	16.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	153620	17.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	143730	14.92	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	80460	17.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	89758	18.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	186529	16.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	182491	16.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	637835	16.65	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	751982	16.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	53976	8.21	ng/ul	0.01
57) Fluorene-d10	15.34	176	602099	17.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	34799	5.28	ng/ul	0.00
70) Anthracene-d10	17.19	188	999744	19.31	ng/ul	0.00
78) Pyrene-d10	19.49	212	1280910	21.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1307139	19.73	ng/ul	0.00

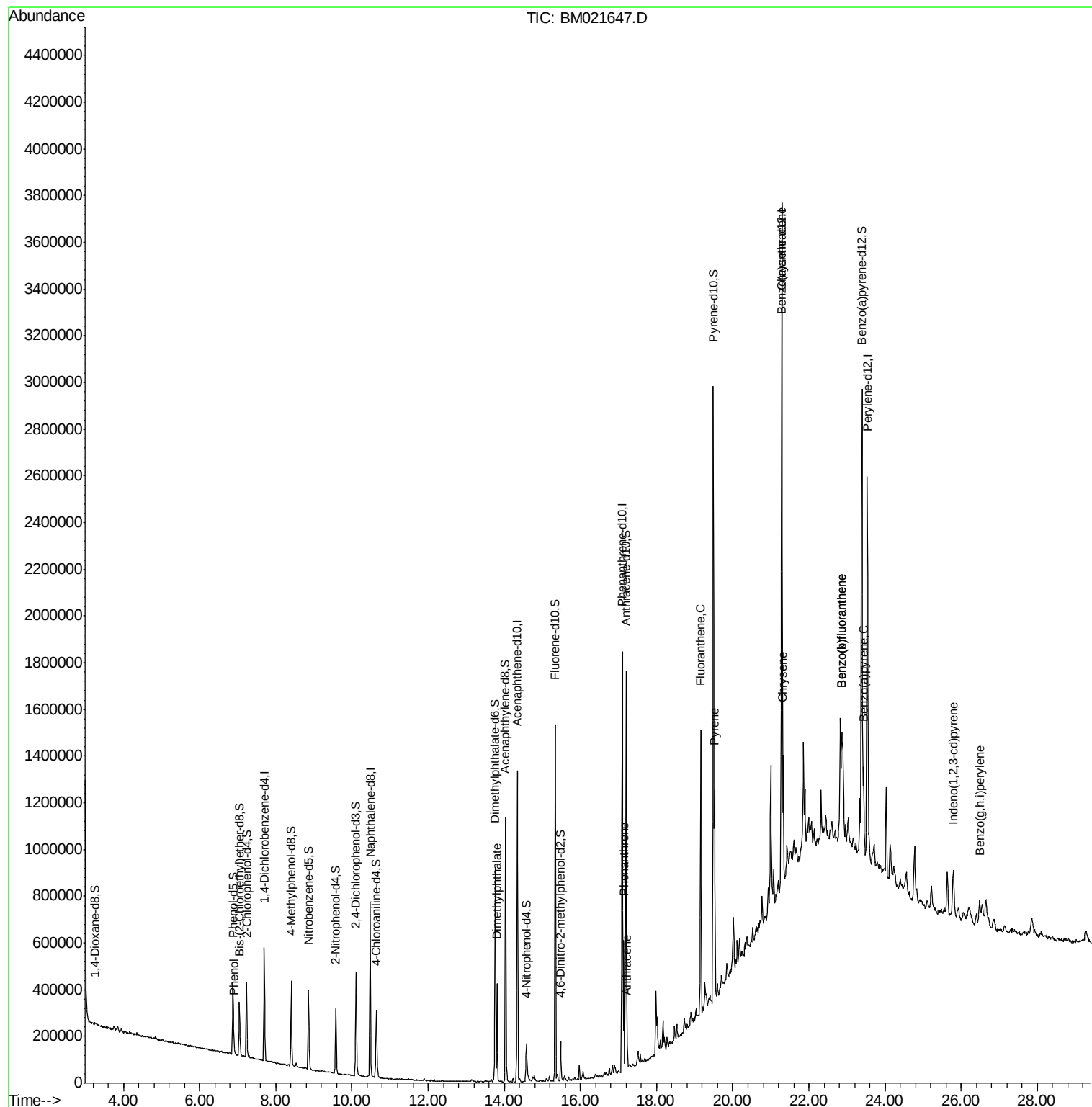
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	6.90	94	12015	1.107	ng/ul	91
44) Dimethylphthalate	13.81	163	268412	7.298	ng/ul	100
69) Phenanthrene	17.14	178	328248	5.718	ng/ul	99
71) Anthracene	17.23	178	66286	1.142	ng/ul	99
76) Fluoranthene	19.16	202	708395	9.954	ng/ul	100
79) Pyrene	19.52	202	548788	7.556	ng/ul	99
82) Benzo(a)anthracene	21.27	228	342253	4.282	ng/ul	99
84) Chrysene	21.32	228	332837	4.367	ng/ul	97
87) Benzo(b)fluoranthene	22.86	252	396070	5.279	ng/ul#	94
88) Benzo(k)fluoranthene	22.86	252	396070	5.381	ng/ul#	95
90) Benzo(a)pyrene	23.44	252	259223	3.598	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.79	276	163869	1.873	ng/ul	99
93) Benzo(g,h,i)perylene	26.49	276	146032	2.061	ng/ul	99

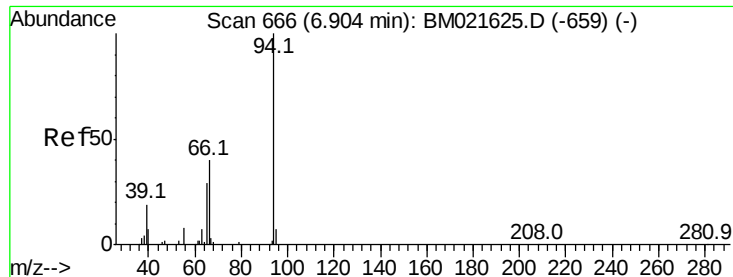
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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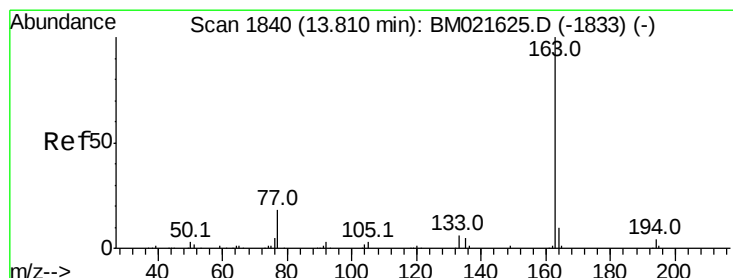
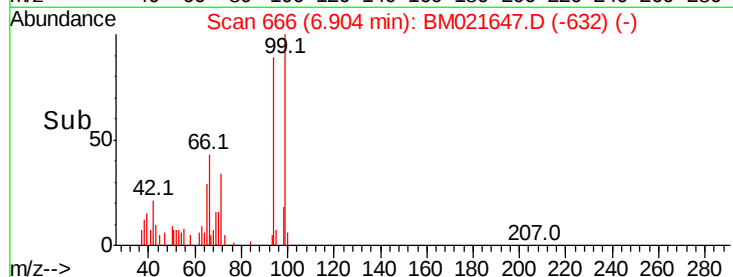
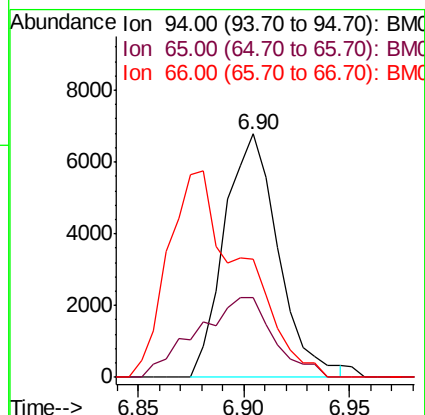
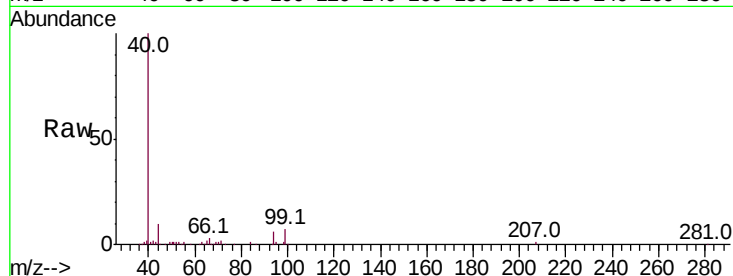
#6

Phenol

Concen: 1.107 ng/ul
 RT: 6.90 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BM021647.D
 Acq: 25 Jul 2019 21:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 12015
 Ion Ratio Lower Upper
 94 100
 65 32.6 23.3 34.9
 66 48.6 33.2 49.8

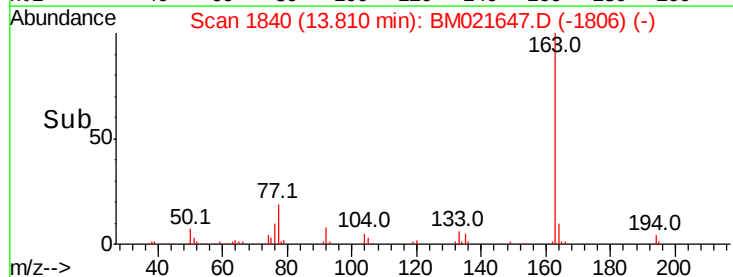
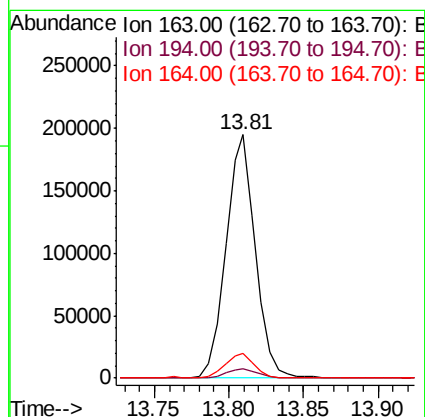
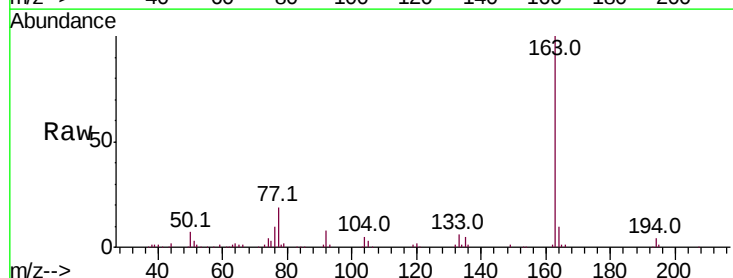


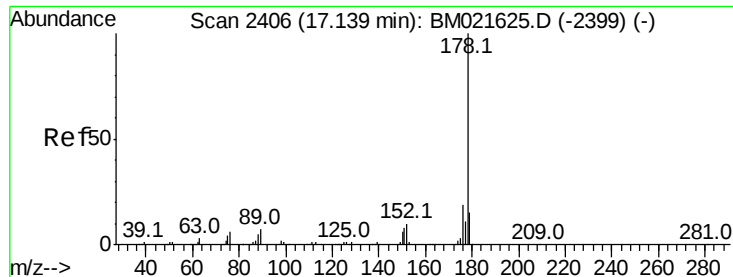
#44

Dimethylphthalate

Concen: 7.298 ng/ul
 RT: 13.81 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BM021647.D
 Acq: 25 Jul 2019 21:40

Tgt Ion: 163 Resp: 268412
 Ion Ratio Lower Upper
 163 100
 194 4.1 3.2 4.8
 164 10.3 8.2 12.4





#69

Phenanthrene

Concen: 5.718 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BM021647.D

Acq: 25 Jul 2019 21:40

Instrument :

BNA_M

ClientSampleId :

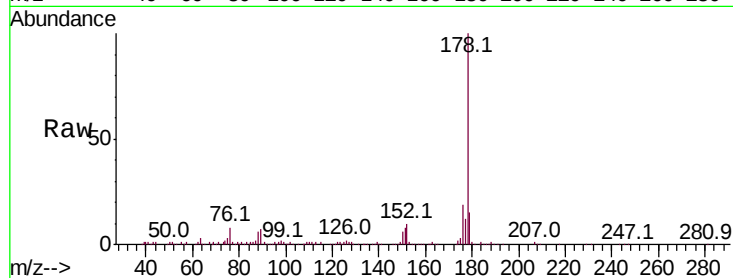
Tot Ion:178 Resp: 328248

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

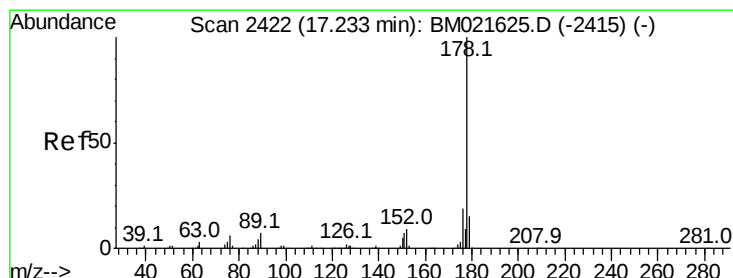
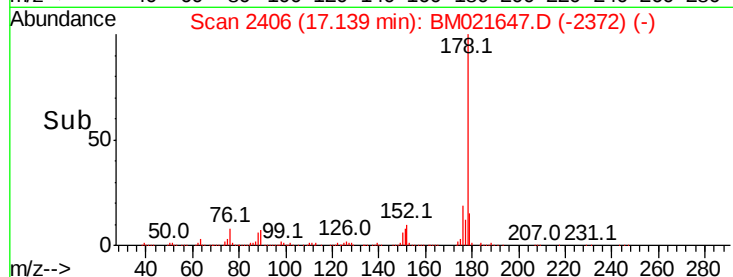
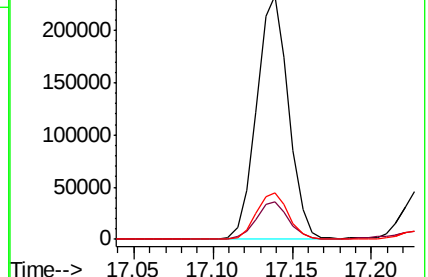
176 19.1 15.0 22.4



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



#71

Anthracene

Concen: 1.142 ng/ul

RT: 17.23 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BM021647.D

Acq: 25 Jul 2019 21:40

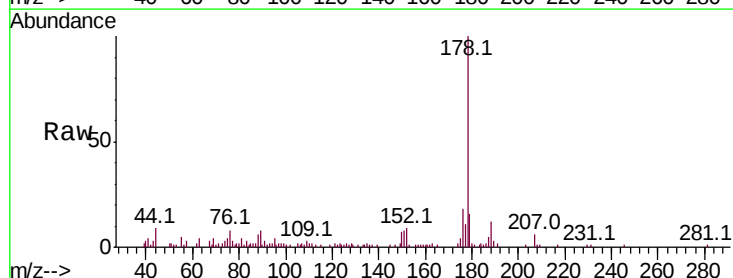
Tgt Ion:178 Resp: 66286

Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

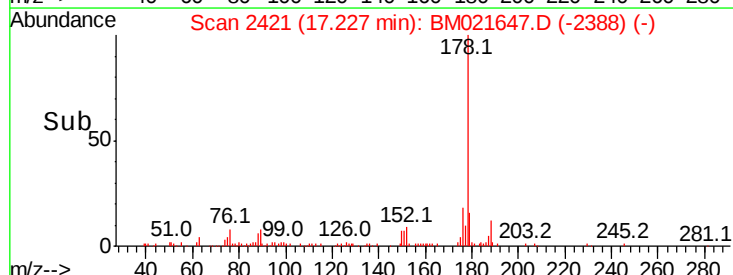
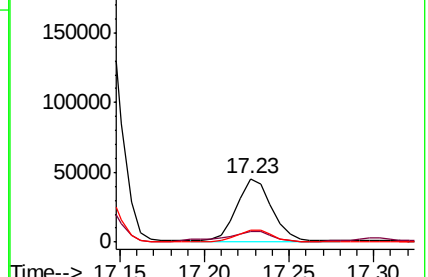
176 18.3 14.6 21.8

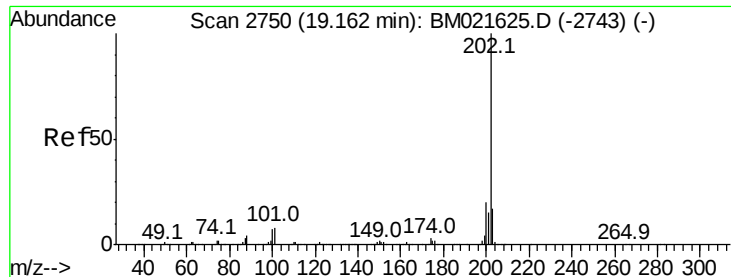


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 9.954 ng/ul

RT: 19.16 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BM021647.D

Acq: 25 Jul 2019 21:40

Instrument :

BNA_M

ClientSampleId :

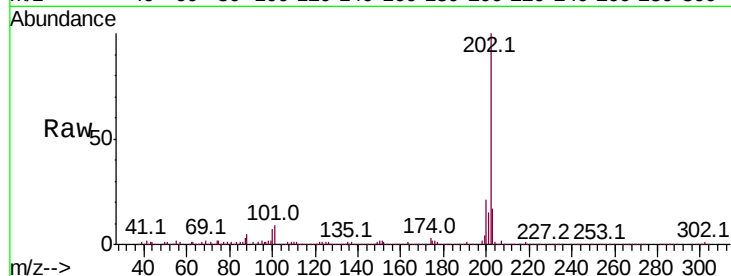
Tot Ion:202 Resp: 708395

Ion Ratio Lower Upper

202 100

101 8.9 7.2 10.8

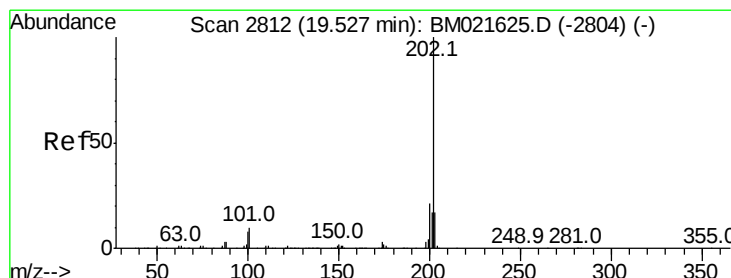
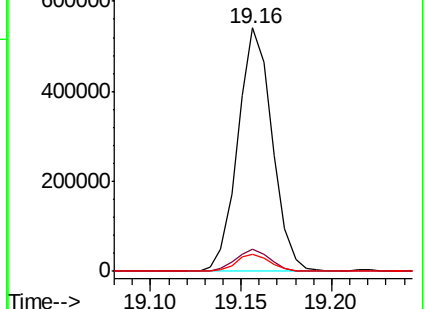
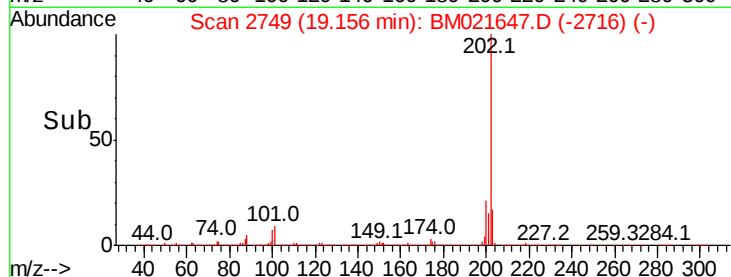
100 7.2 5.6 8.4



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



#79

Pyrene

Concen: 7.556 ng/ul

RT: 19.52 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BM021647.D

Acq: 25 Jul 2019 21:40

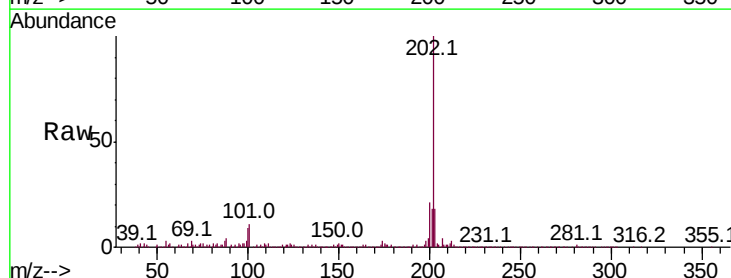
Tgt Ion:202 Resp: 548788

Ion Ratio Lower Upper

202 100

101 10.9 8.6 13.0

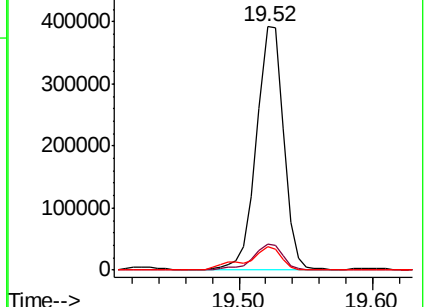
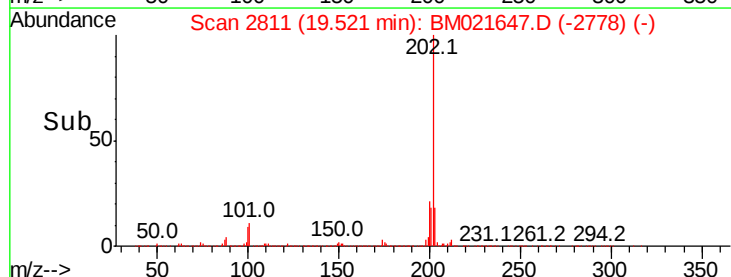
100 9.4 7.1 10.7

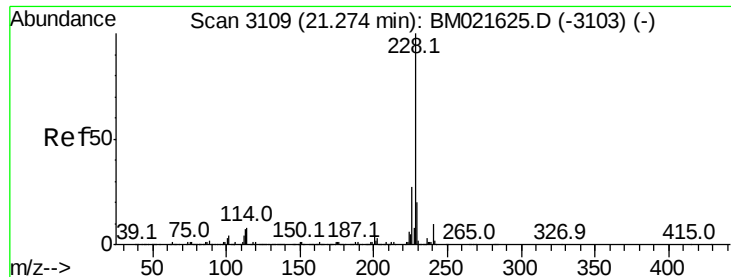


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

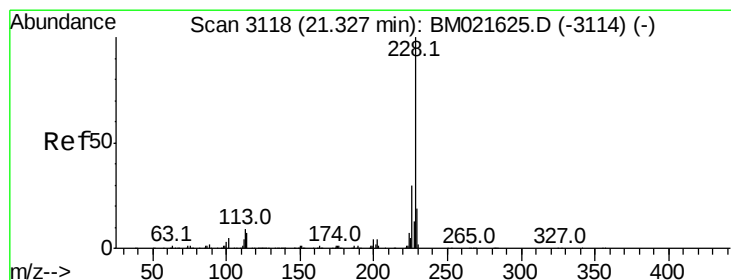
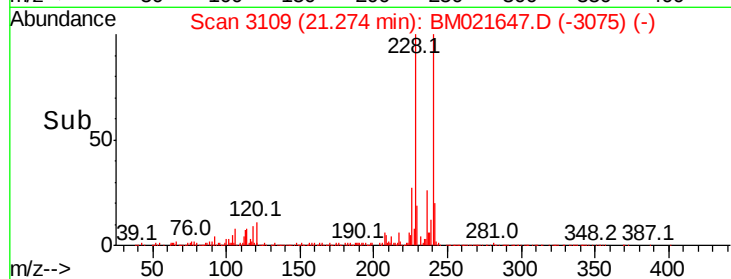
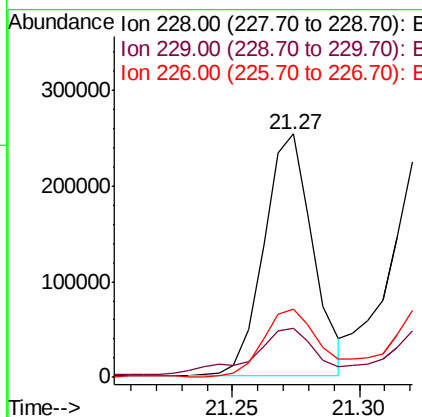
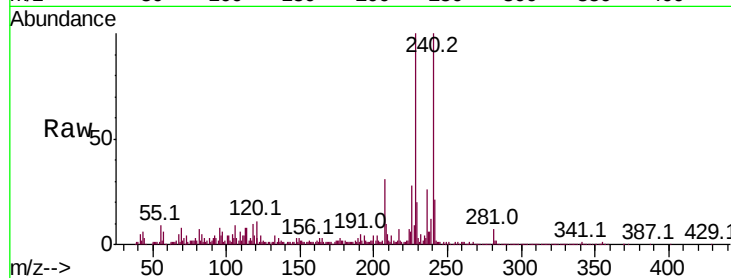




#82
Benzo(a)anthracene
Concen: 4.282 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BM021647.D
Acq: 25 Jul 2019 21:40

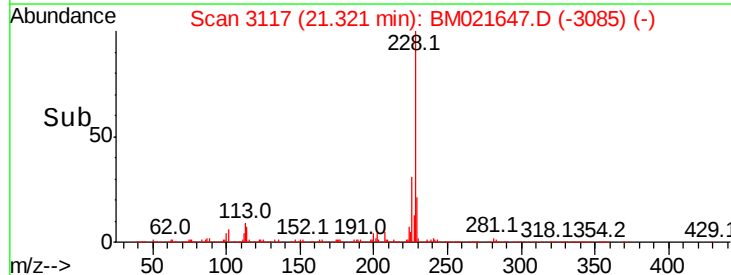
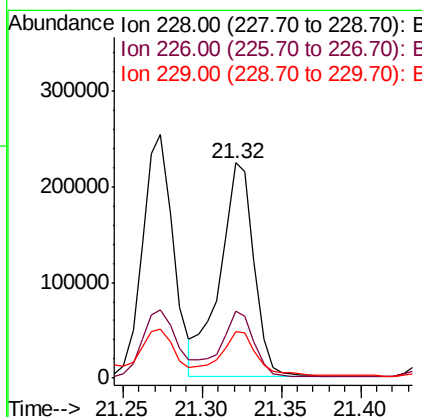
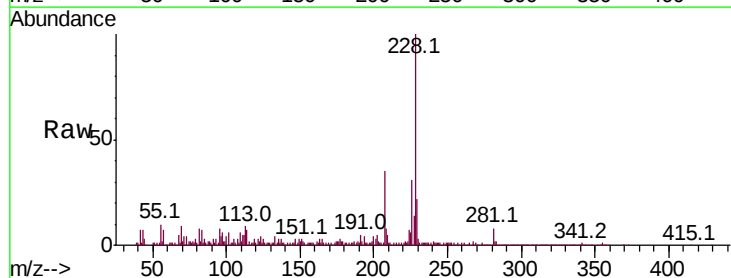
Instrument :
BNA_M
ClientSampleId :

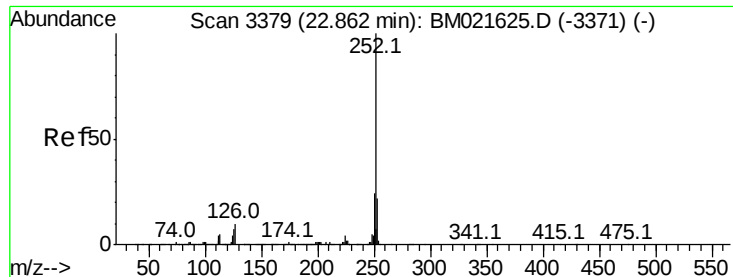
Tot Ion:228 Resp: 342253
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.6
226 27.9 21.7 32.5



#84
Chrysene
Concen: 4.367 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021647.D
Acq: 25 Jul 2019 21:40

Tgt Ion:228 Resp: 332837
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.2
229 21.8 15.4 23.2





#87

Benzo(b)fluoranthene

Concen: 5.279 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. -0.01 min

Lab File: BM021647.D

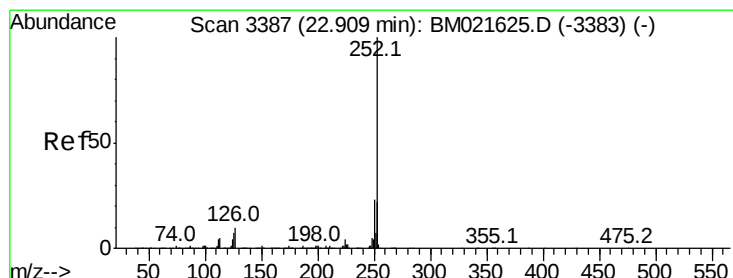
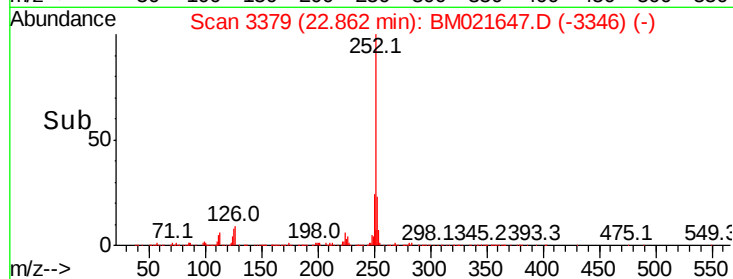
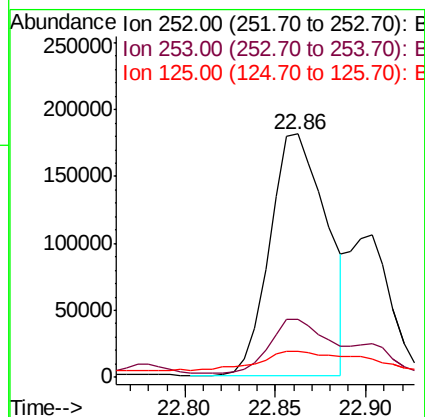
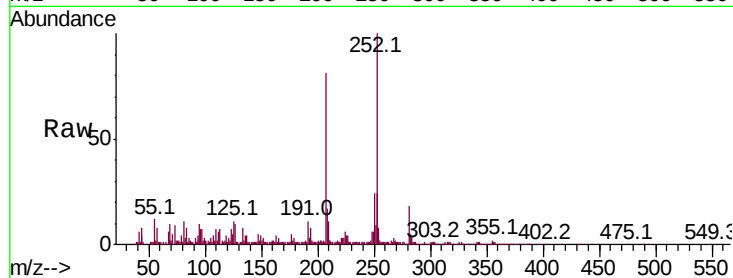
Acq: 25 Jul 2019 21:40

Instrument :

BNA_M

ClientSampled :

Tot Ion:252	Resp:	396070
Ion Ratio	Lower	Upper
252	100	
253	23.9	17.6 26.4
125	10.8	5.8 8.6#



#88

Benzo(k)fluoranthene

Concen: 5.381 ng/ul

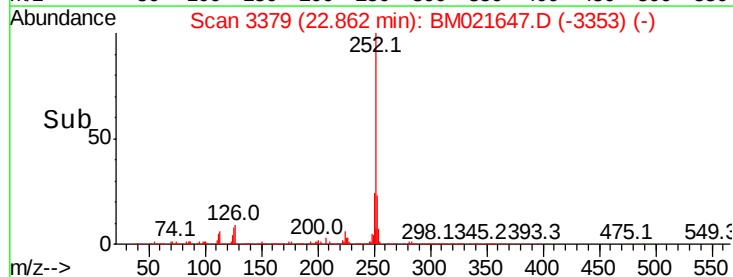
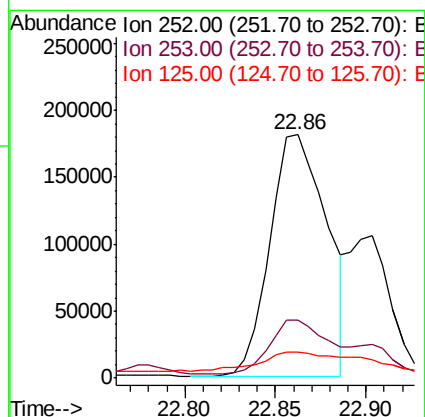
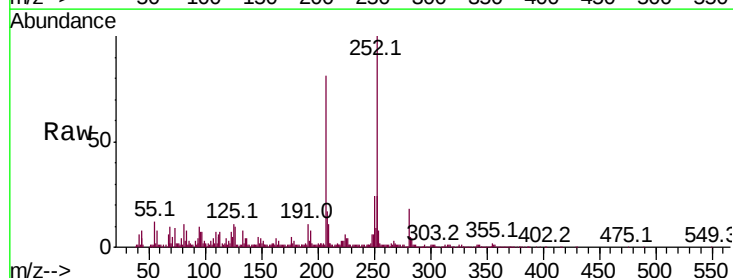
RT: 22.86 min Scan# 3379

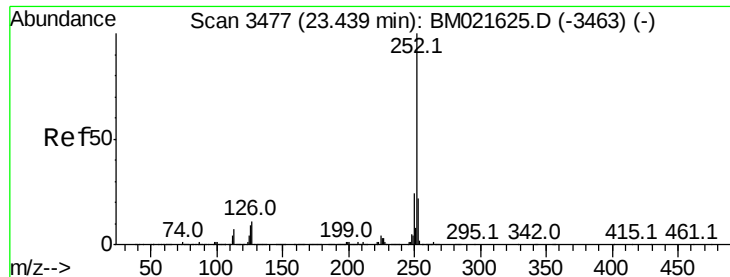
Delta R.T. -0.05 min

Lab File: BM021647.D

Acq: 25 Jul 2019 21:40

Tgt Ion:252	Resp:	396070
Ion Ratio	Lower	Upper
252	100	
253	23.9	17.7 26.5
125	10.8	6.4 9.6#





#90

Benzo(a)pyrene

Concen: 3.598 ng/ul

RT: 23.44 min Scan# 3477

Delta R.T. -0.01 min

Lab File: BM021647.D

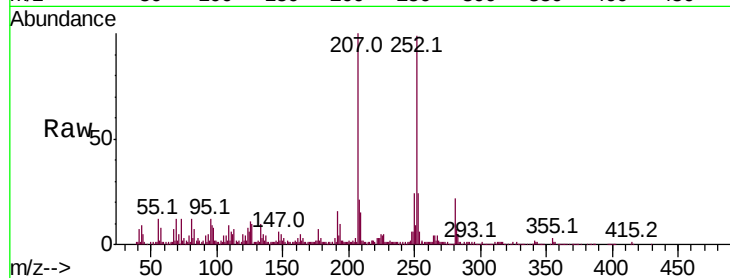
Acq: 25 Jul 2019 21:40

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	259223
Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	11.1	7.0	10.4#

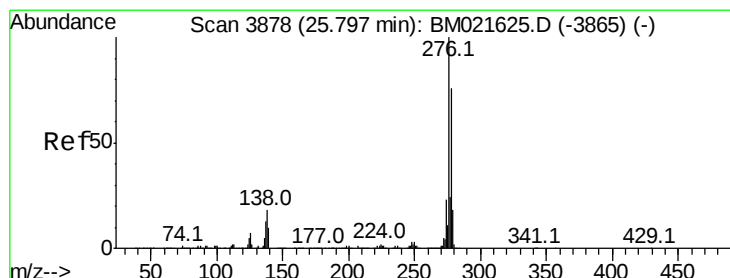
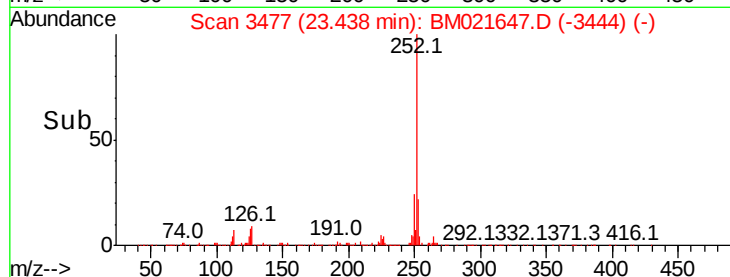
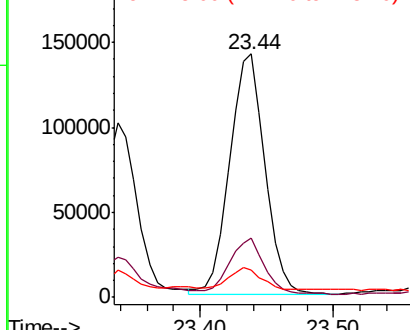


Abundance

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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.873 ng/ul

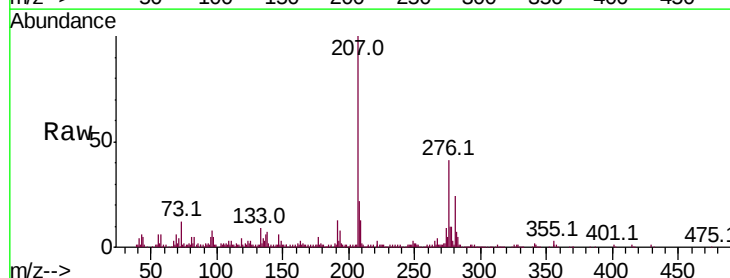
RT: 25.79 min Scan# 3877

Delta R.T. -0.01 min

Lab File: BM021647.D

Acq: 25 Jul 2019 21:40

Tgt Ion:	276	Resp:	163869
Ion	Ratio	Lower	Upper
276	100		
138	18.0	15.2	22.8
277	25.1	20.2	30.2

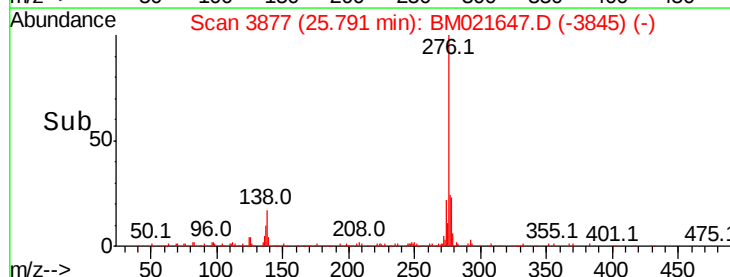
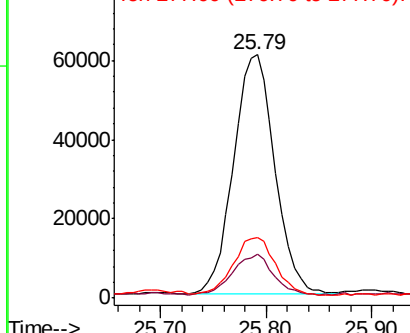


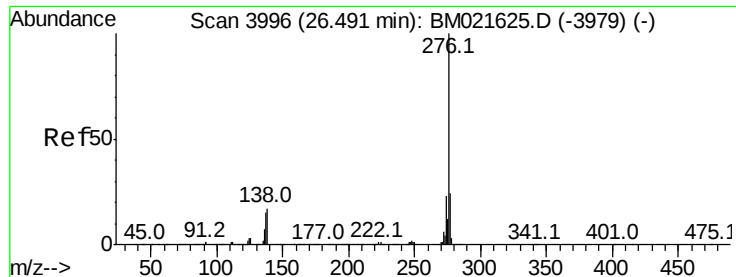
Abundance

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





#93

Benzo(a,h,i)perylene

Concen: 2.061 ng/ul

RT: 26.49 min Scan# 3995

Delta R.T. -0.01 min

Lab File: BM021647.D

Acq: 25 Jul 2019 21:40

Instrument :

BNA_M

ClientSampleId :

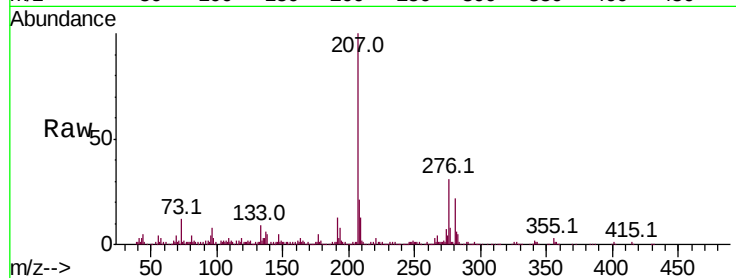
Tot Ion: 276 Resp: 146032

Ion Ratio Lower Upper

276 100

138 16.8 13.7 20.5

277 24.6 19.0 28.6



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

