

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012451.D
 Acq On : 25 Oct 2017 19:22
 Operator : SJ/JU
 Sample : I5719-05 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 26 06:10:58 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 05:23:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	533838	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	2236179	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.51	164	1352794	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2885473	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2210519	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	2394342	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.37	96	6143	0.59	ng/uL	0.00
5) Phenol-d5	7.05	99	140073	3.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	86300	3.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	112449	3.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	118591	3.11	ng/ul	0.00
19) Nitrobenzene-d5	9.03	128	53691	3.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	56176	3.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	126679	3.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	13648	0.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	413218	3.50	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	478525	3.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	43527	2.48	ng/ul	0.00
57) Fluorene-d10	15.50	176	353767	3.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	28089	2.01	ng/ul	0.00
70) Anthracene-d10	17.35	188	517475	3.76	ng/ul	0.00
76) Pyrene-d10	19.63	212	453082	4.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	413264	3.63	ng/ul	0.00

Target Compounds

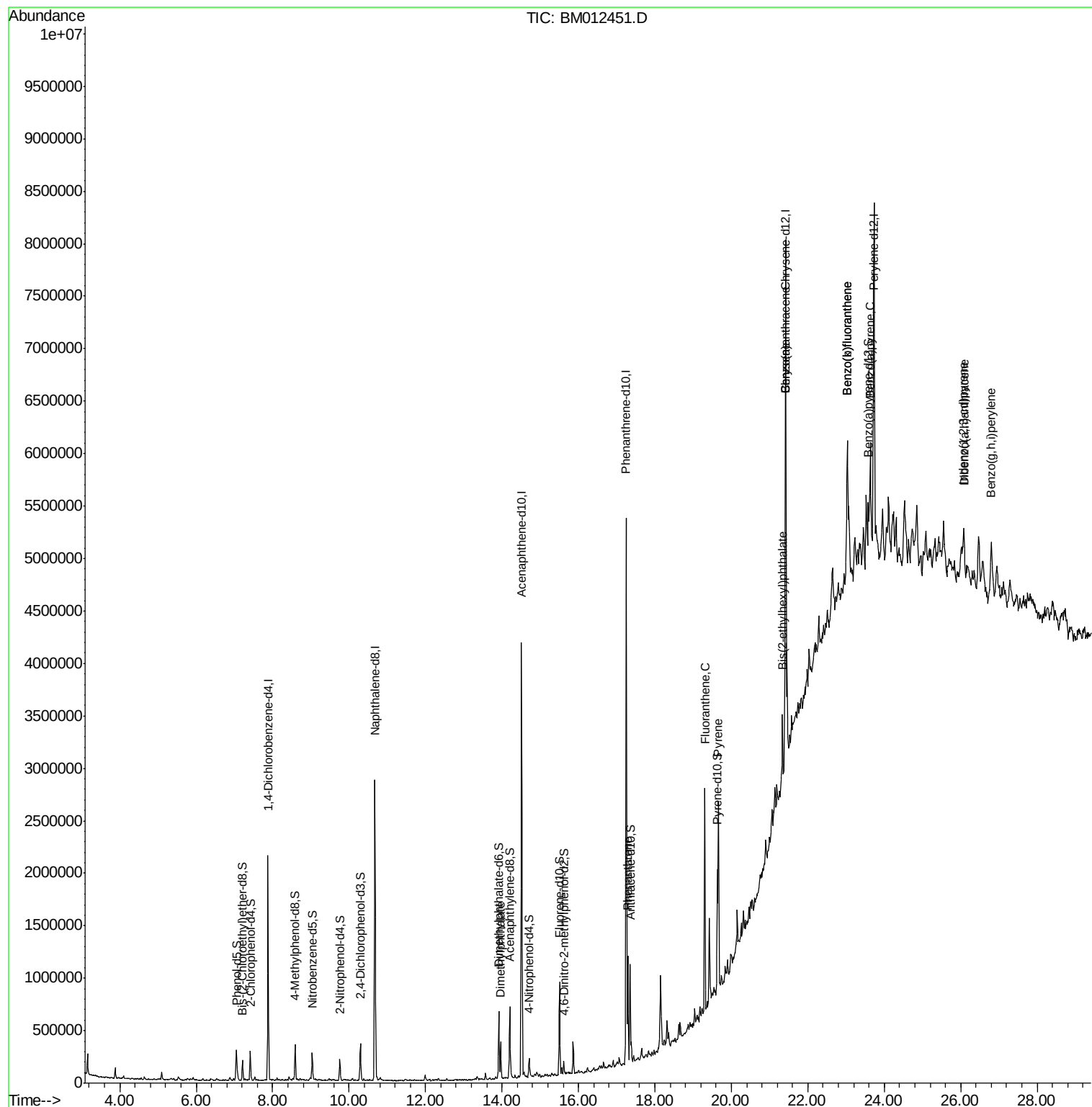
						Ovalue
44) Dimethylphthalate	13.96	163	204420	1.75	ng/ul	99
69) Phenanthrene	17.29	178	592000	3.79	ng/ul	98
74) Fluoranthene	19.30	202	1250987	7.08	ng/ul#	95
77) Pyrene	19.66	202	1109733	8.83	ng/ul#	91
80) Benzo(a)anthracene	21.40	228	541505	4.09	ng/ul	95
81) Bis(2-ethylhexyl)phthalate	21.34	149	190882	2.53	ng/ul	93
82) Chrysene	21.40	228	541505	4.60	ng/ul	97
85) Benzo(b)fluoranthene	23.04	252	960026	6.49	ng/ul#	80
86) Benzo(k)fluoranthene	23.04	252	960026	6.89	ng/ul#	78
88) Benzo(a)pyrene	23.63	252	654601	4.64	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	26.09	276	541142	3.26	ng/ul#	90
90) Dibenzo(a,h)anthracene	26.09	278	146223	1.04	ng/ul#	55
91) Benzo(g,h,i)perylene	26.80	276	572246	4.25	ng/ul#	90

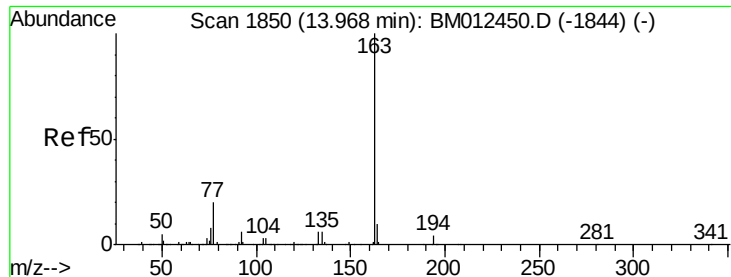
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 1.75 ng/ul

RT: 13.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

Instrument :

BNA_M

ClientSampleId :

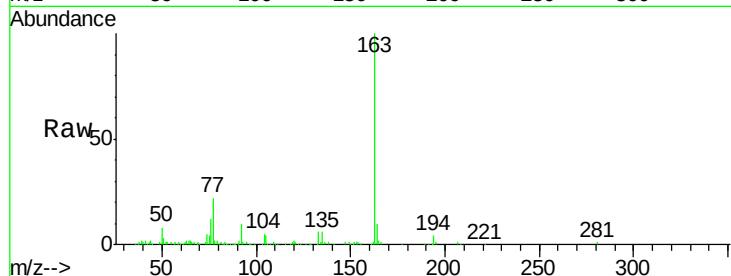
Tot Ion:163 Resp: 204420

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

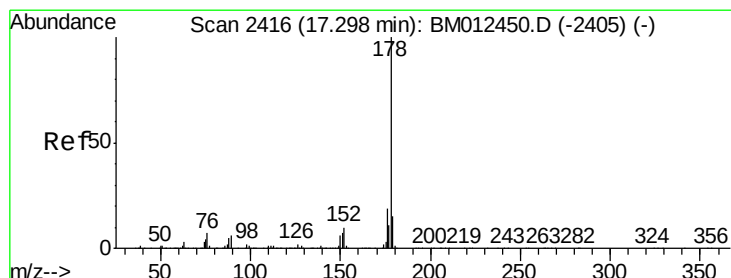
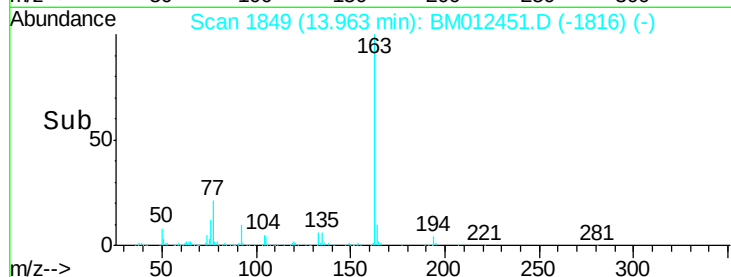
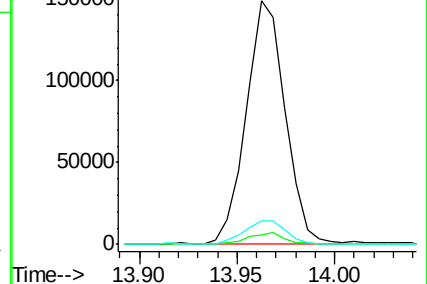
164 9.8 8.2 12.4



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: 3.79 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

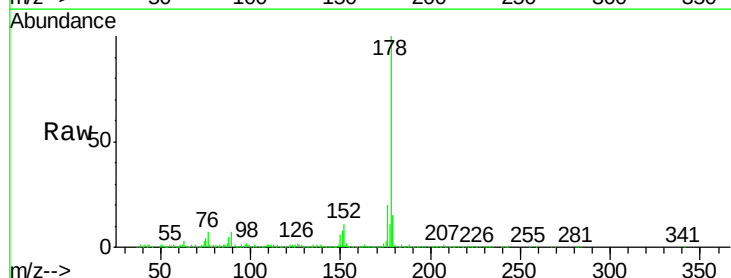
Tgt Ion:178 Resp: 592000

Ion Ratio Lower Upper

178 100

179 14.9 12.6 19.0

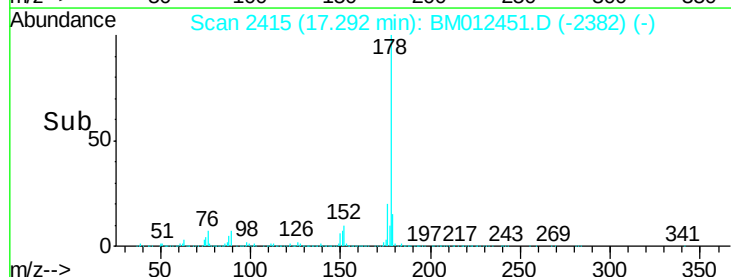
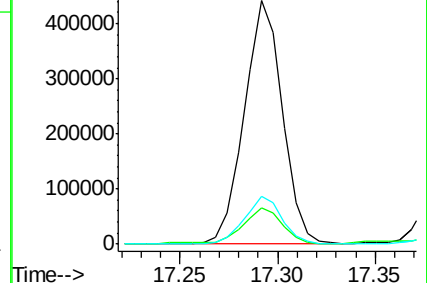
176 19.6 14.9 22.3

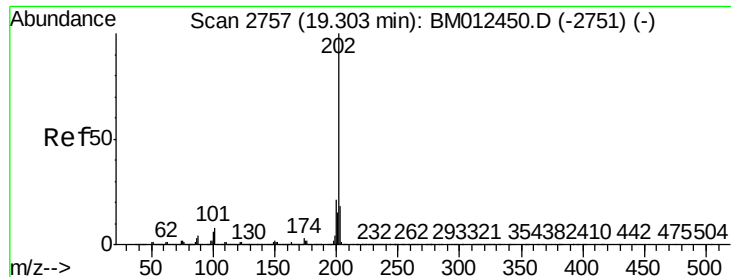


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

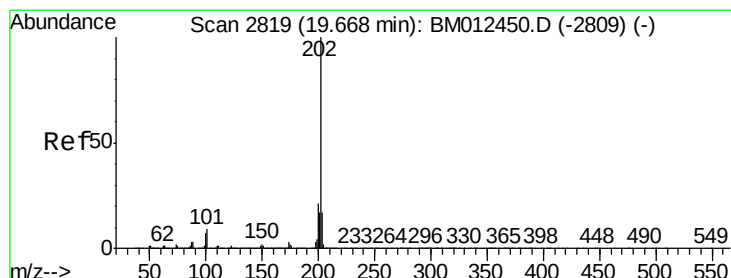
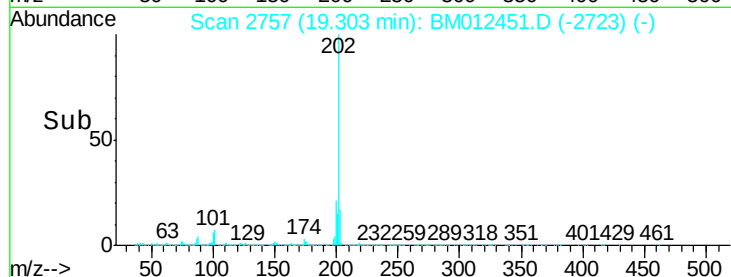
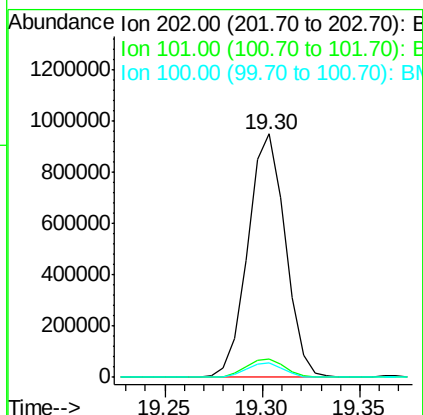
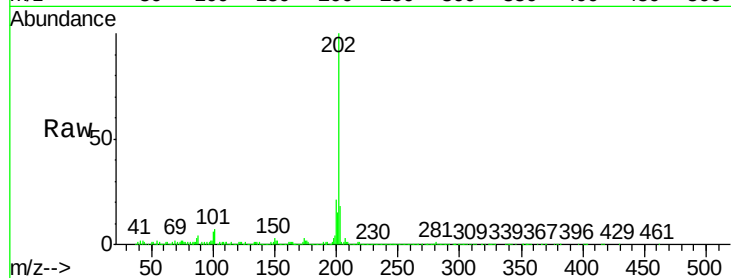




#74
Fluoranthene
Concen: 7.08 ng/ul
RT: 19.30 min Scan# 2757
Delta R.T. 0.00 min
Lab File: BM012451.D
Acq: 25 Oct 2017 19:22

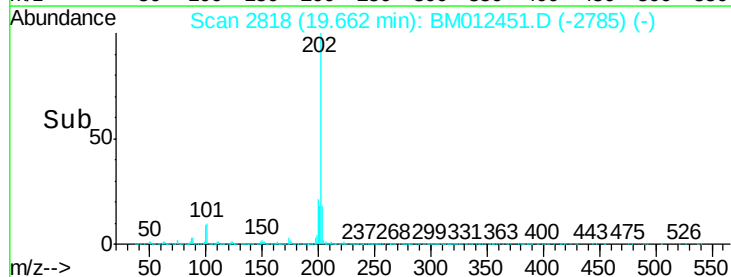
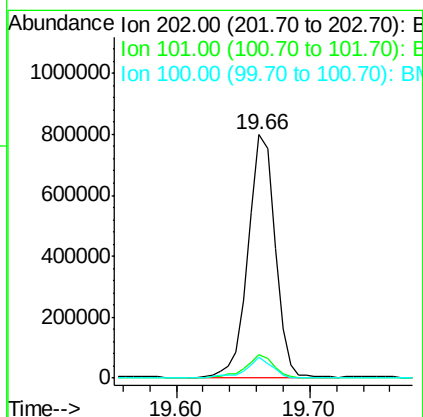
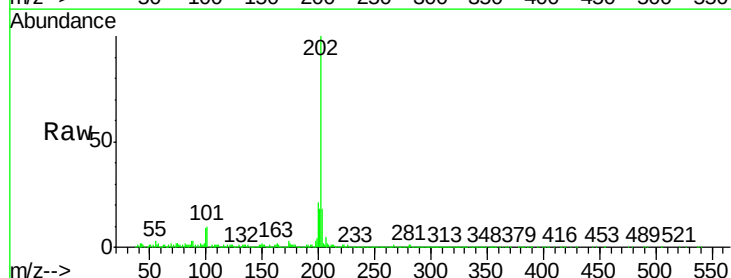
Instrument :
BNA_M
ClientSampleId :

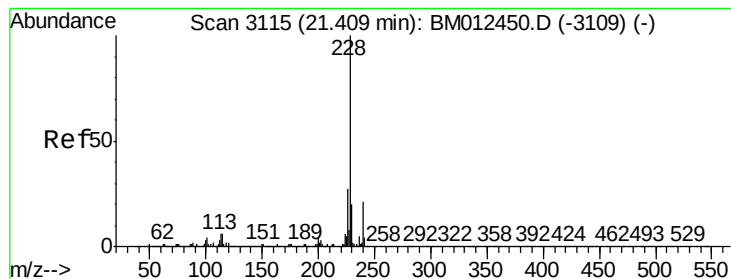
Tot Ion:202 Resp: 1250987
Ion Ratio Lower Upper
202 100
101 7.3 4.6 7.0#
100 5.9 3.4 5.2#



#77
Pyrene
Concen: 8.83 ng/ul
RT: 19.66 min Scan# 2818
Delta R.T. -0.01 min
Lab File: BM012451.D
Acq: 25 Oct 2017 19:22

Tgt Ion:202 Resp: 1109733
Ion Ratio Lower Upper
202 100
101 9.8 5.1 7.7#
100 8.6 4.9 7.3#





#80

Benzo(a)anthracene

Concen: 4.09 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

Instrument :

BNA_M

ClientSampleId :

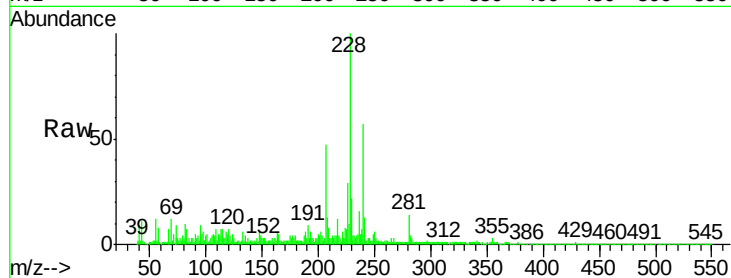
Tot Ion:228 Resp: 541505

Ion Ratio Lower Upper

228 100

229 22.1 15.4 23.0

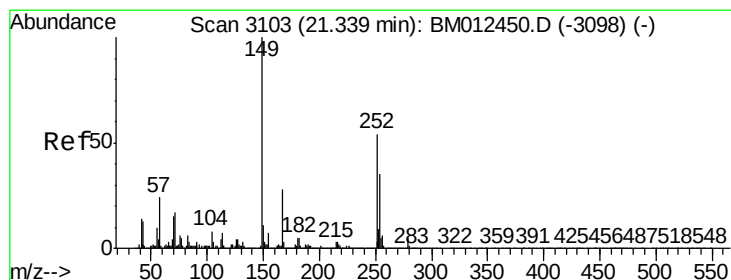
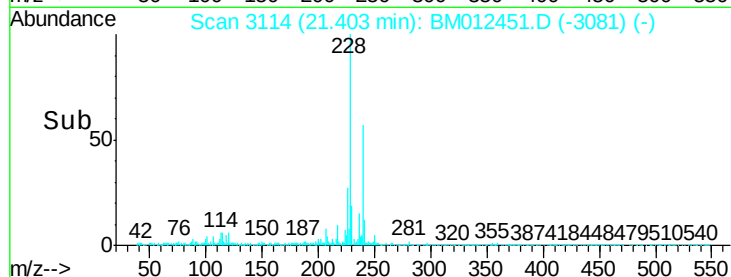
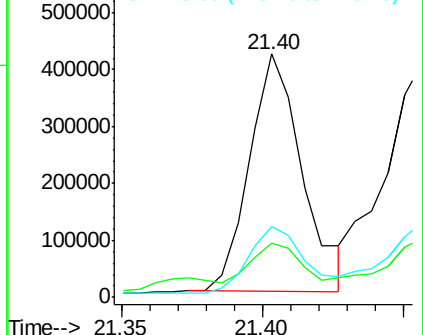
226 29.1 21.4 32.0



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.53 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

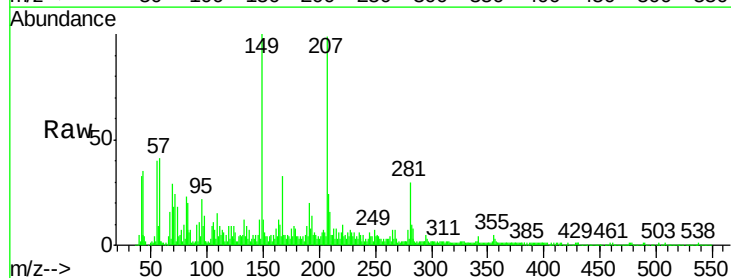
Tgt Ion:149 Resp: 190882

Ion Ratio Lower Upper

149 100

167 32.7 22.8 34.2

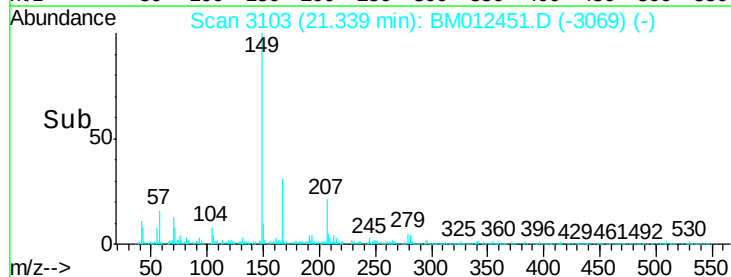
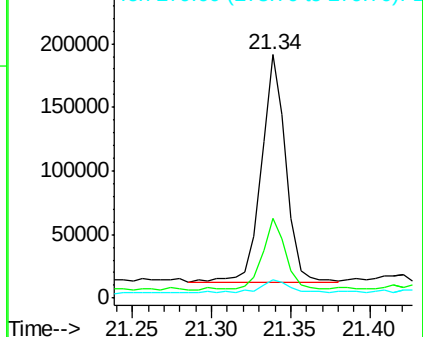
279 7.3 4.9 7.3

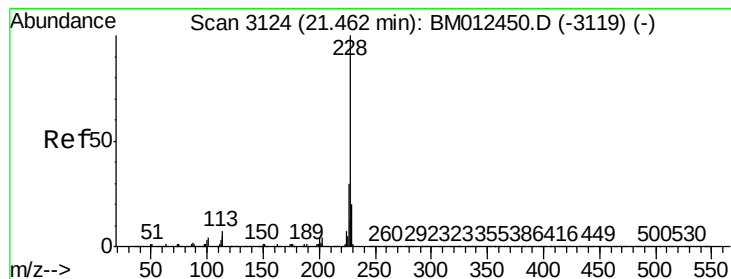


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 4.60 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. -0.06 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

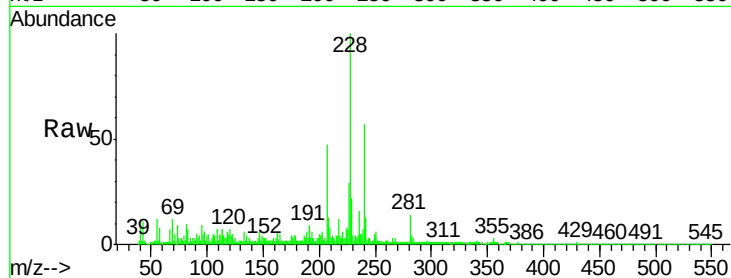
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 541505

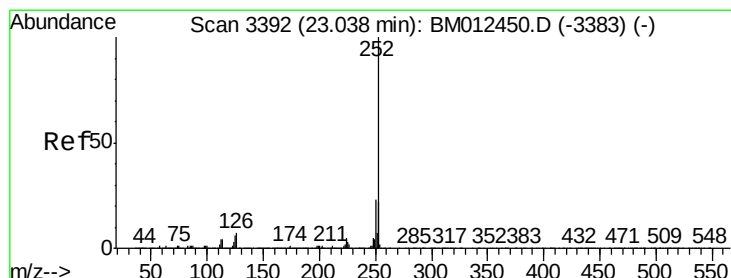
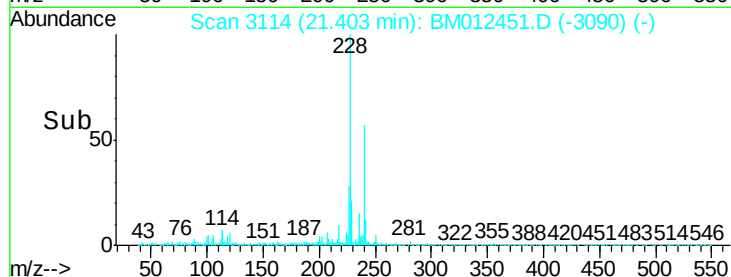
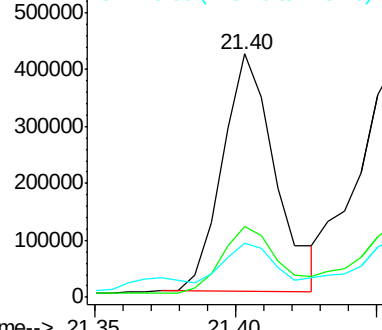
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	22.1	15.5	23.3



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: 6.49 ng/ul

RT: 23.04 min Scan# 3392

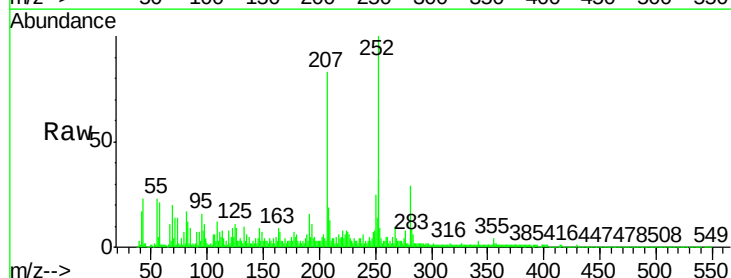
Delta R.T. 0.00 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

Tgt Ion:252 Resp: 960026

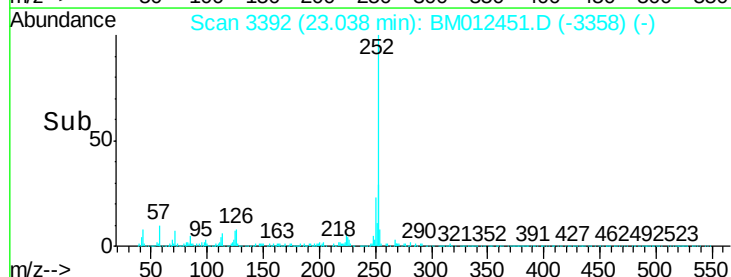
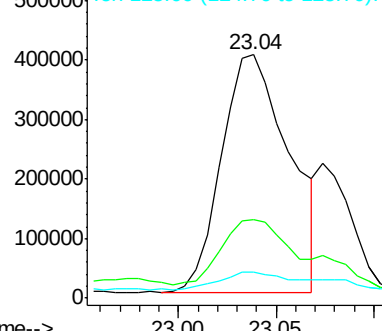
Ion	Ratio	Lower	Upper
252	100		
253	32.1	17.9	26.9#
125	10.6	3.6	5.4#

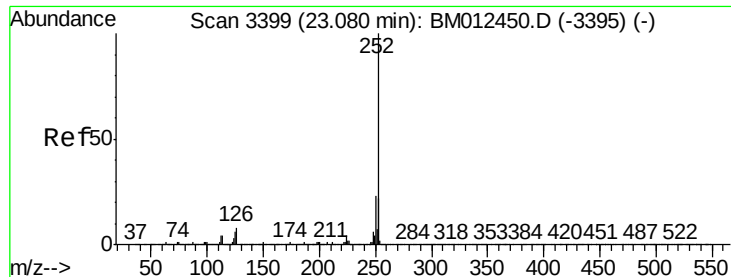


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 6.89 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. -0.04 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

Instrument :

BNA_M

ClientSampled :

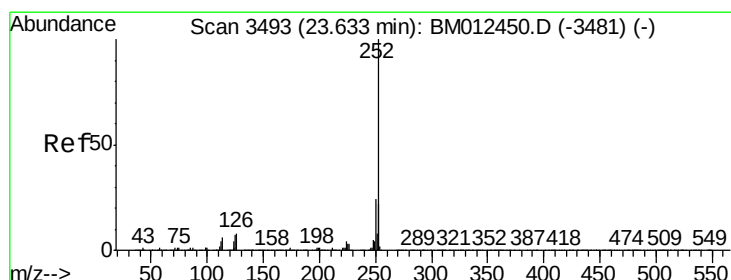
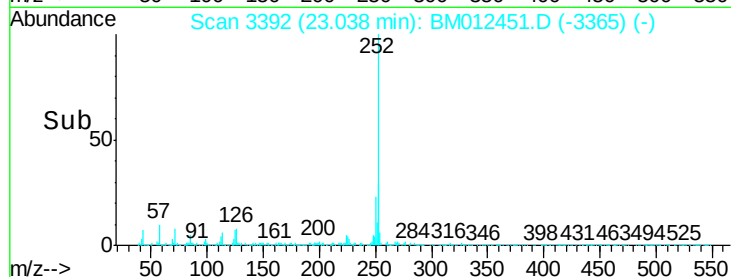
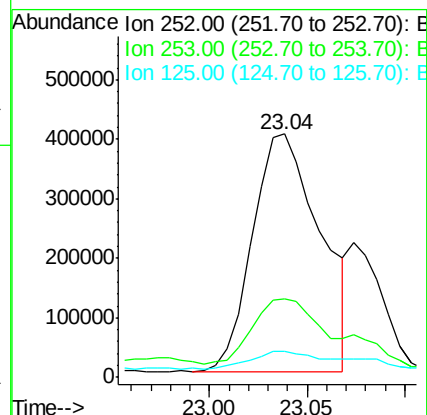
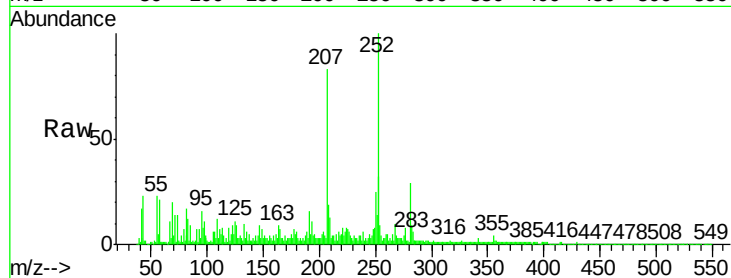
Tot Ion:252 Resp: 960026

Ion Ratio Lower Upper

252 100

253 32.1 17.1 25.7#

125 10.6 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 4.64 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. 0.00 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

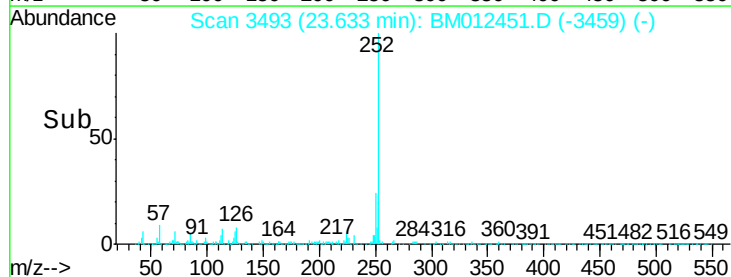
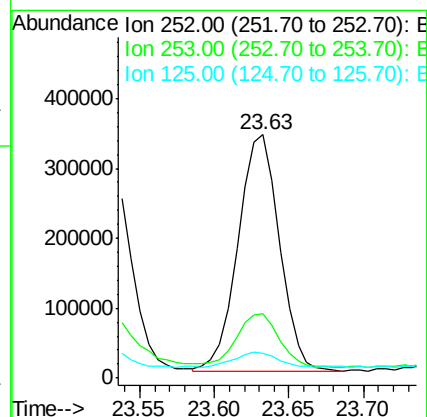
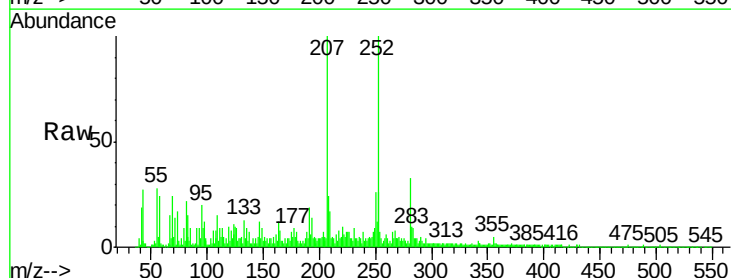
Tgt Ion:252 Resp: 654601

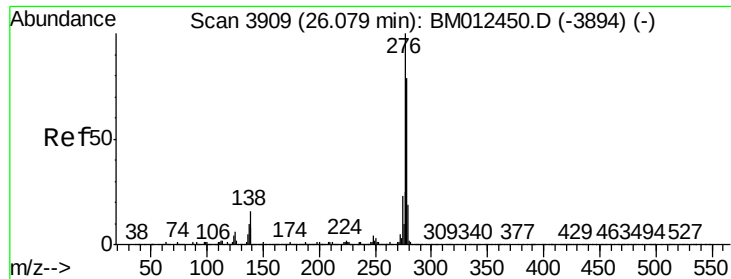
Ion Ratio Lower Upper

252 100

253 26.3 18.2 27.2

125 10.1 4.0 6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 3.26 ng/ul

RT: 26.09 min Scan# 3910

Delta R.T. 0.01 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

Instrument :

BNA_M

ClientSampleId :

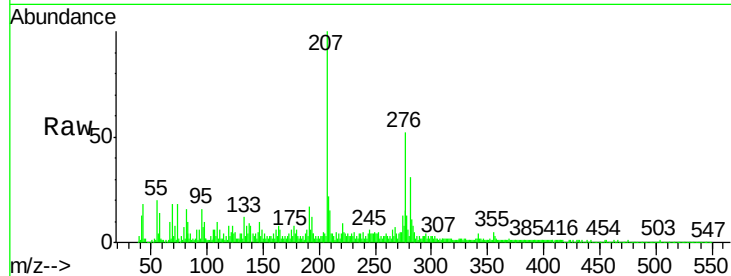
Tot Ion:276 Resp: 541142

Ion Ratio Lower Upper

276 100

138 15.9 9.3 13.9#

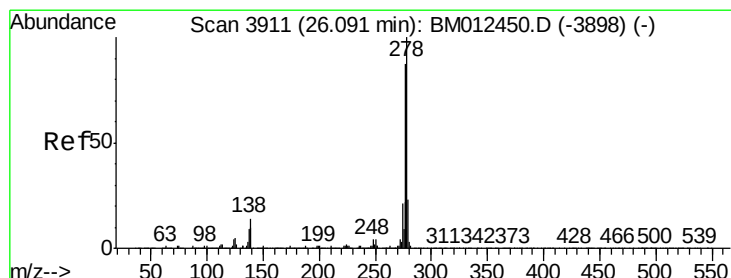
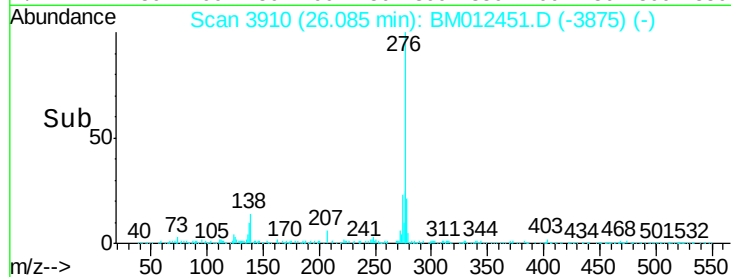
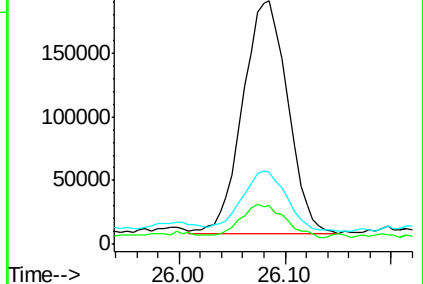
277 29.8 19.9 29.9



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



#90

Dibenzo(a,h)anthracene

Concen: 1.04 ng/ul

RT: 26.09 min Scan# 3911

Delta R.T. 0.00 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

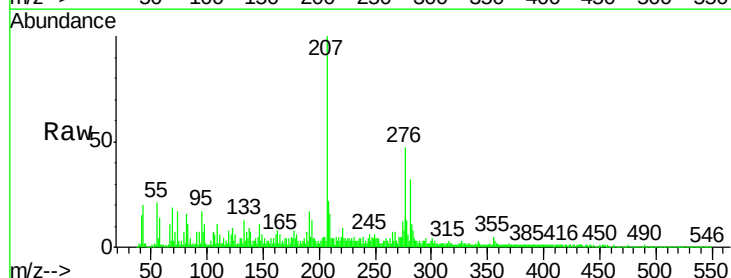
Tgt Ion:278 Resp: 146223

Ion Ratio Lower Upper

278 100

139 24.5 5.8 8.8#

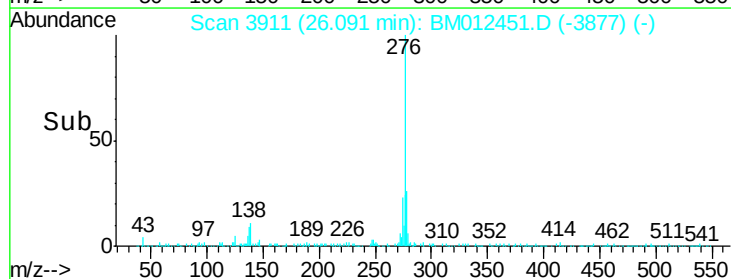
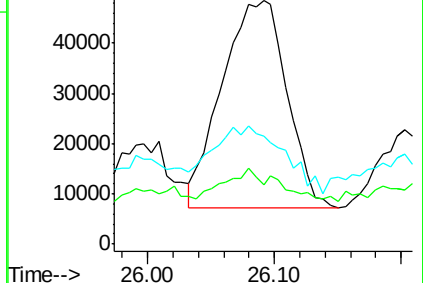
279 44.2 18.6 27.8#

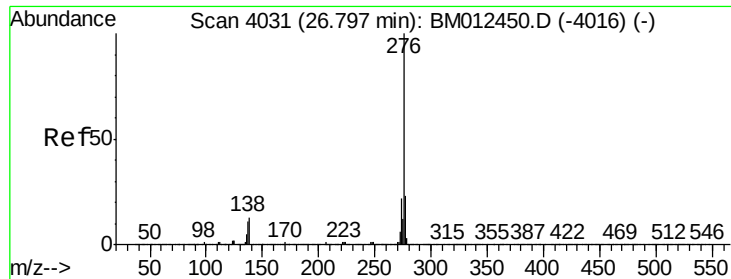


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 4.25 ng/ul

RT: 26.80 min Scan# 4032

Delta R.T. 0.01 min

Lab File: BM012451.D

Acq: 25 Oct 2017 19:22

Instrument :

BNA_M

ClientSampleId :

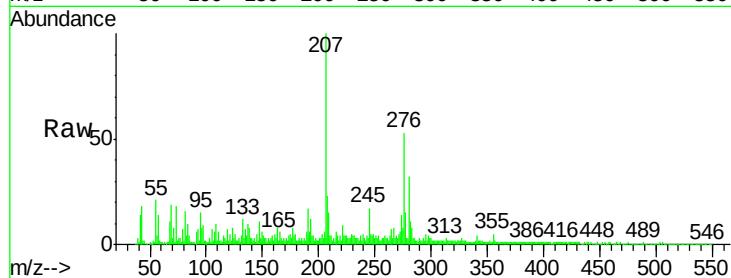
Tot Ion:276 Resp: 572246

Ion Ratio Lower Upper

276 100

138 15.3 8.5 12.7#

277 27.4 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

