

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012592.D
 Acq On : 31 Oct 2017 02:24
 Operator : SJ/JU
 Sample : I5886-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 31 04:52:30 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 04:46:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	340208	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1299080	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	746145	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1694230	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1993968	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2234135	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	44223	6.64	ng/uL	0.00
5) Phenol-d5	7.02	99	762045	26.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	479967	28.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	629832	29.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	607222	25.00	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	300684	36.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	344572	41.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	640853	28.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	568009	24.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1872411	28.73	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2339958	30.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	253720	26.18	ng/ul	0.00
57) Fluorene-d10	15.47	176	1607767	29.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	2810	0.34	ng/ul	-0.06
70) Anthracene-d10	17.33	188	2450184	30.35	ng/ul	0.00
76) Pyrene-d10	19.62	212	2743657	29.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	3111740	29.32	ng/ul	0.00

Target Compounds

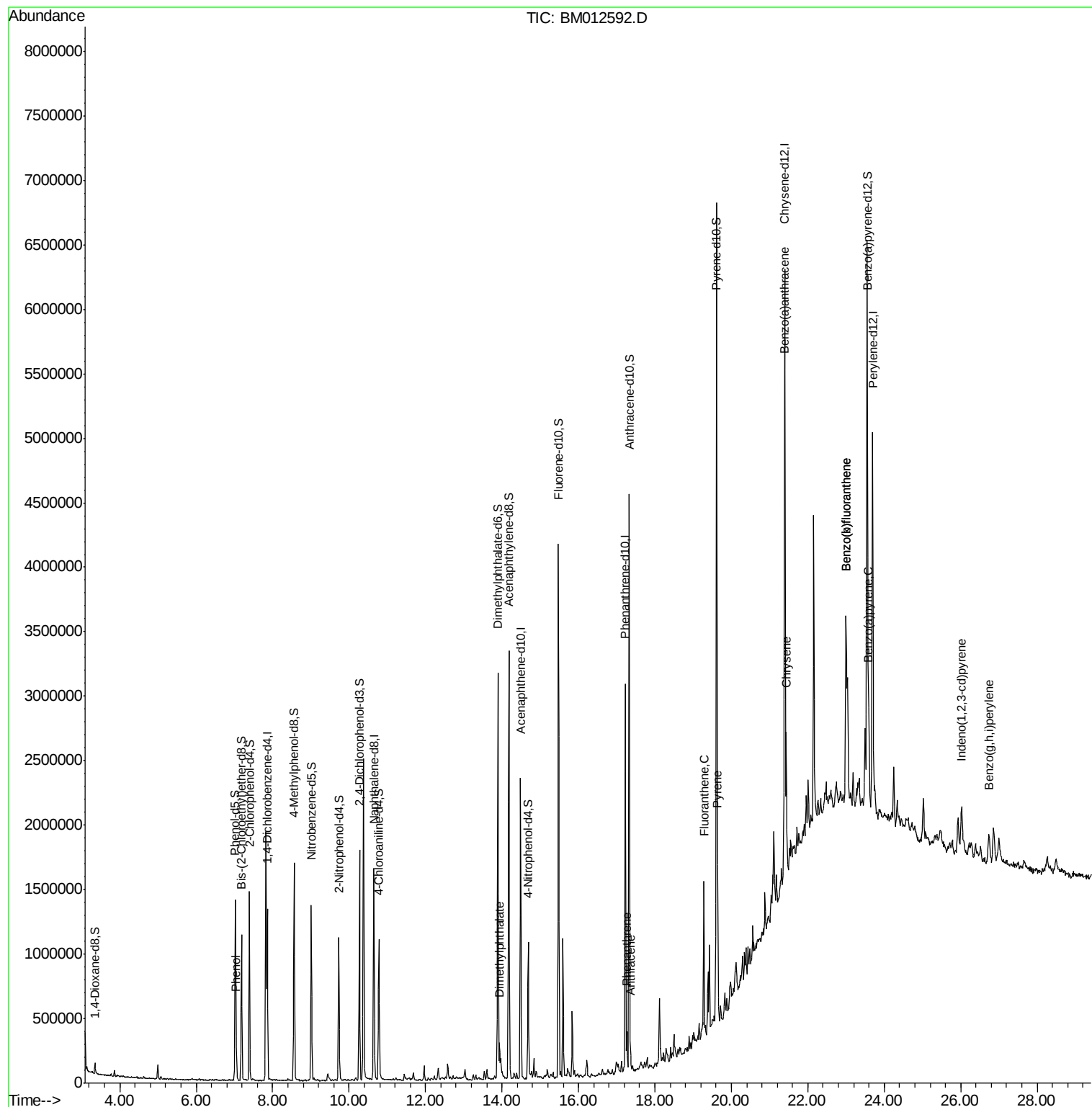
						Ovalue
6) Phenol	7.05	94	110373	3.73	ng/ul#	83
44) Dimethylphthalate	13.94	163	84566	1.31	ng/ul	99
69) Phenanthrene	17.27	178	179580	1.96	ng/ul	98
71) Anthracene	17.36	178	112171	1.18	ng/ul	97
74) Fluoranthene	19.28	202	651103	6.27	ng/ul#	92
77) Pyrene	19.64	202	742249	6.55	ng/ul#	90
80) Benzo(a)anthracene	21.39	228	615635	5.16	ng/ul	97
82) Chrysene	21.43	228	670744	6.32	ng/ul	97
85) Benzo(b)fluoranthene	23.00	252	1093641	7.92	ng/ul#	97
86) Benzo(k)fluoranthene	23.00	252	1093641	8.41	ng/ul#	95
88) Benzo(a)pyrene	23.60	252	519464	3.94	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.02	276	381624	2.46	ng/ul#	96
91) Benzo(g,h,i)perylene	26.74	276	306512	2.44	ng/ul#	93

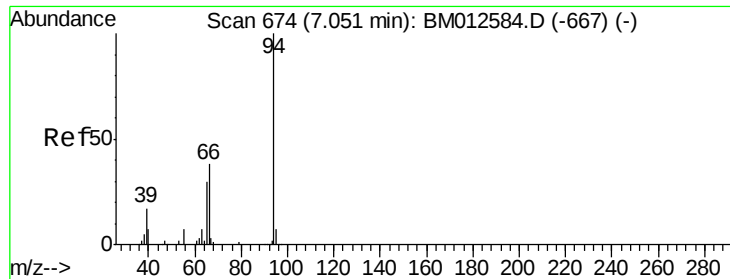
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration





#6

Phenol

Concen: 3.73 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

Instrument :

BNA_M

ClientSampled :

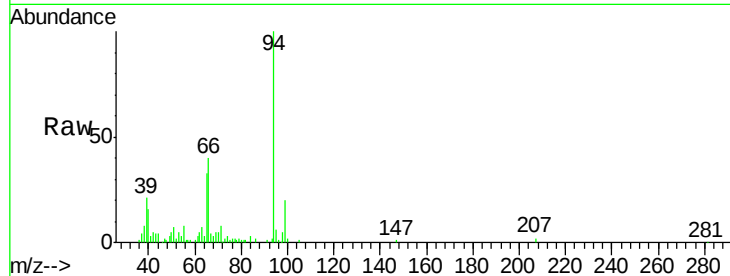
Tot Ion: 94 Resp: 110373

Ion Ratio Lower Upper

94 100

65 32.9 28.2 42.4

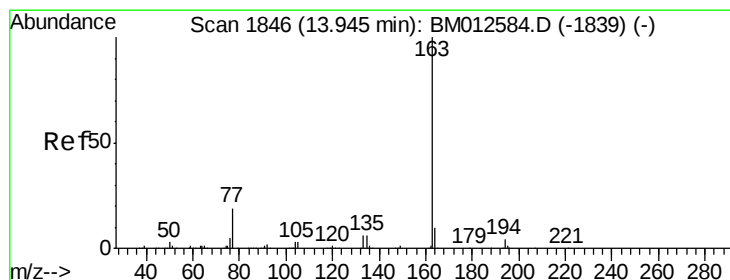
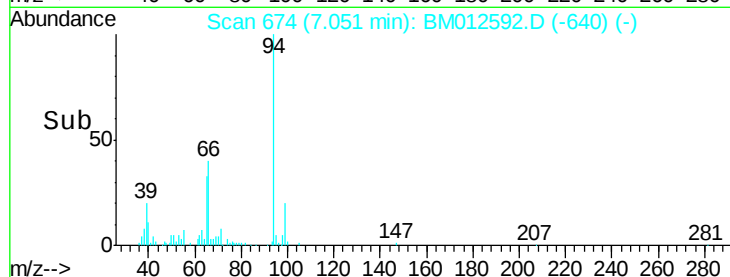
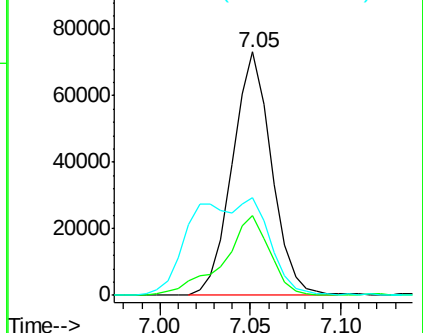
66 40.2 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012584.D (-667) (-)

Ion 65.00 (64.70 to 65.70): BM012584.D (-667) (-)

Ion 66.00 (65.70 to 66.70): BM012584.D (-667) (-)



#44

Dimethylphthalate

Concen: 1.31 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

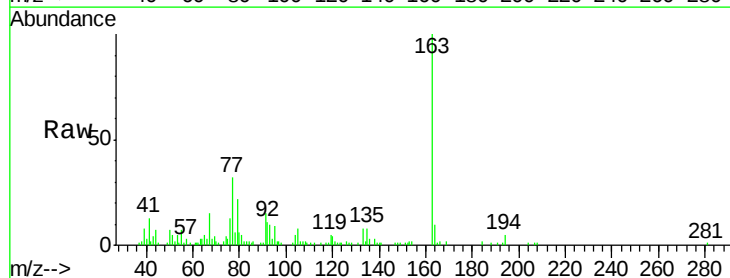
Tgt Ion: 163 Resp: 84566

Ion Ratio Lower Upper

163 100

194 5.1 3.5 5.3

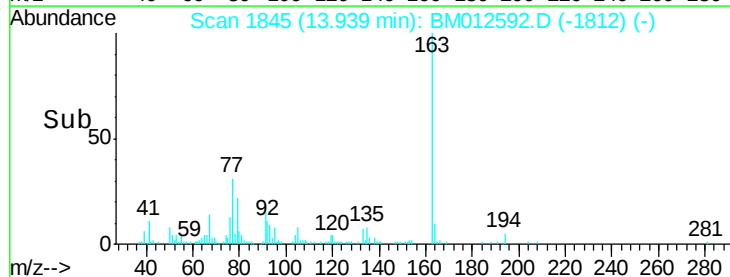
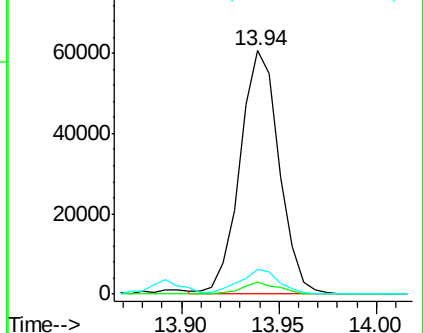
164 10.2 8.2 12.4

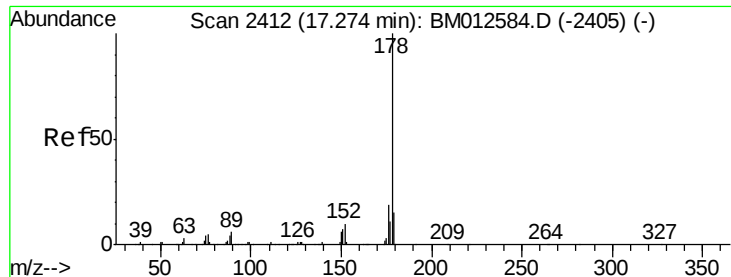


Abundance Ion 163.00 (162.70 to 163.70): BM012584.D (-1839) (-)

Ion 194.00 (193.70 to 194.70): BM012584.D (-1839) (-)

Ion 164.00 (163.70 to 164.70): BM012584.D (-1839) (-)





#69

Phenanthrene

Concen: 1.96 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

Instrument :

BNA_M

ClientSampleId :

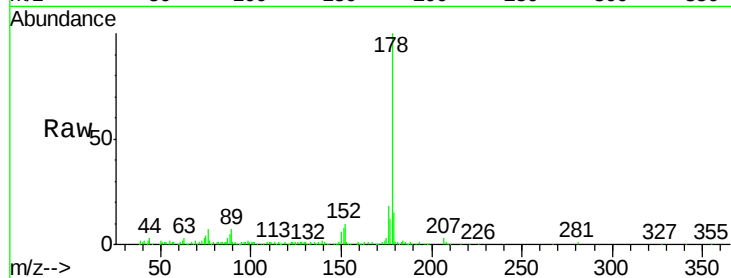
Tot Ion:178 Resp: 179580

Ion Ratio Lower Upper

178 100

179 14.6 12.6 19.0

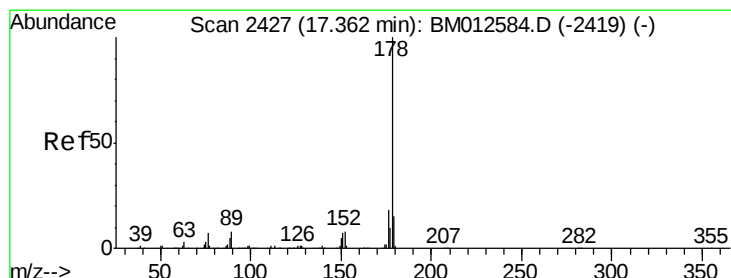
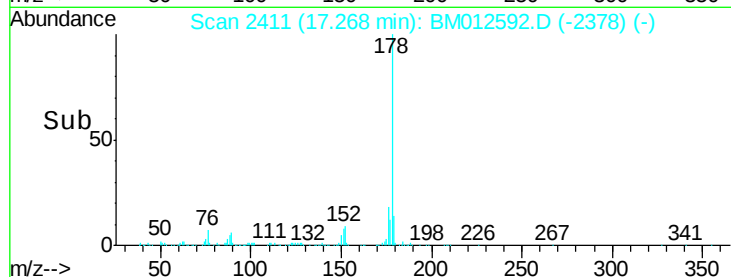
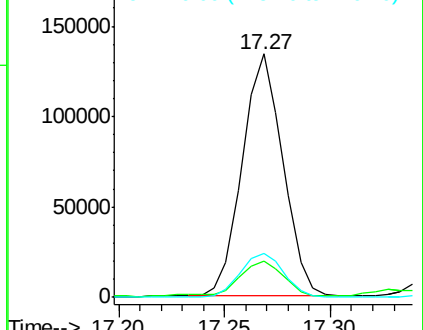
176 17.9 14.9 22.3



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



#71

Anthracene

Concen: 1.18 ng/ul

RT: 17.36 min Scan# 2426

Delta R.T. -0.01 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

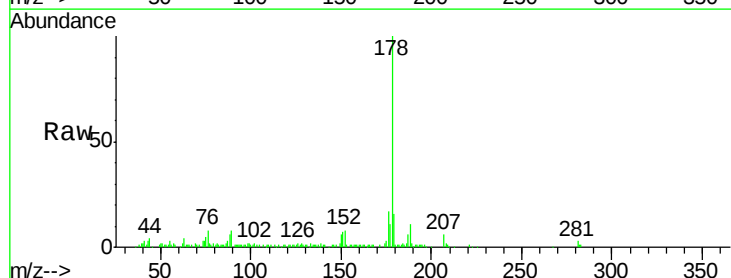
Tgt Ion:178 Resp: 112171

Ion Ratio Lower Upper

178 100

179 15.9 11.7 17.5

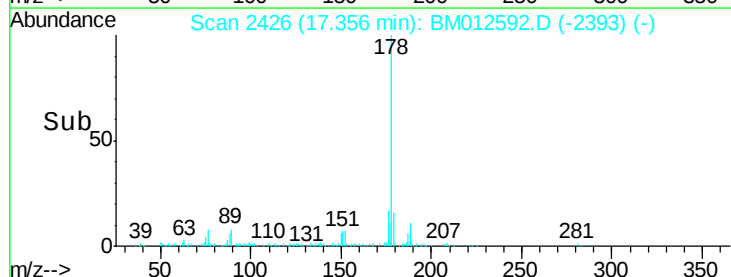
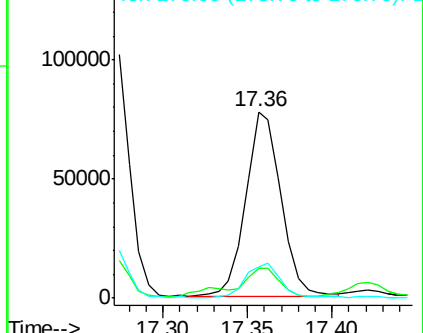
176 16.7 14.6 21.8

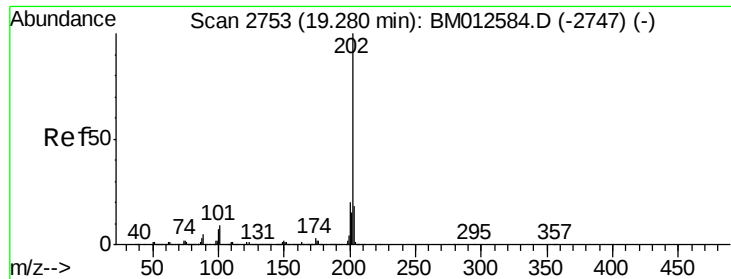


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 6.27 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. 0.00 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

Instrument :

BNA_M

ClientSampleId :

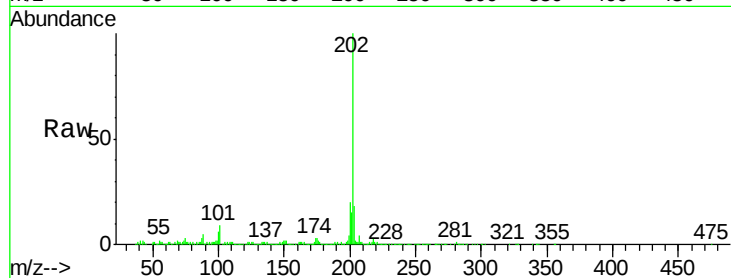
Tot Ion:202 Resp: 651103

Ion Ratio Lower Upper

202 100

101 9.1 4.6 7.0#

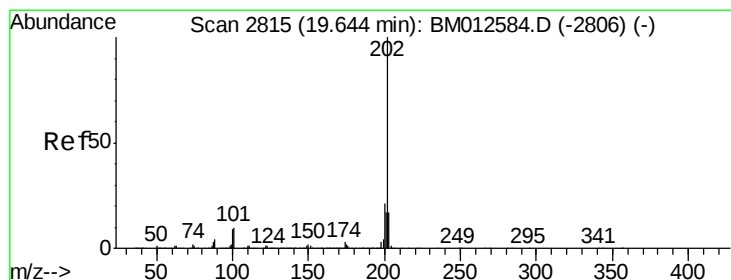
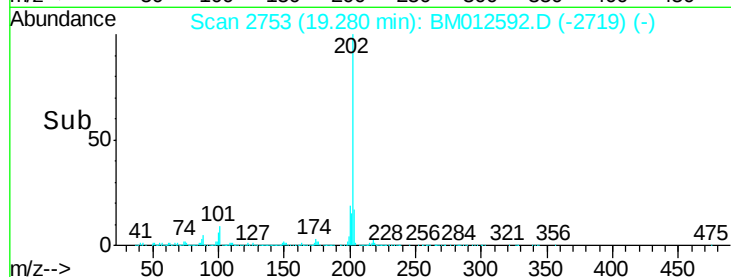
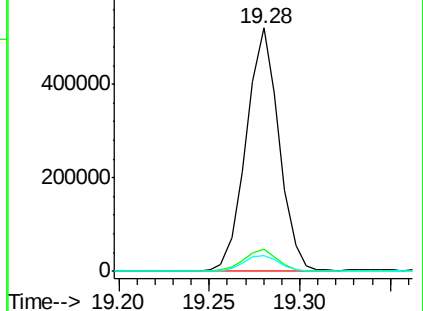
100 6.4 3.4 5.2#



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): B



#77

Pyrene

Concen: 6.55 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

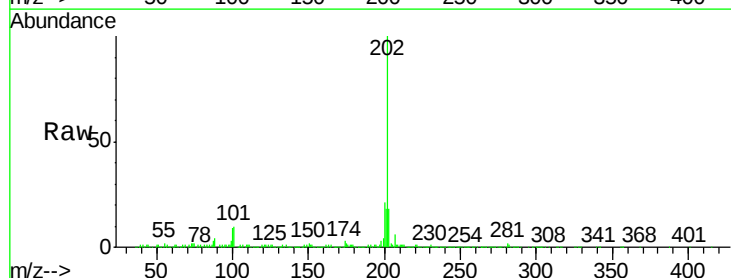
Tgt Ion:202 Resp: 742249

Ion Ratio Lower Upper

202 100

101 10.3 5.1 7.7#

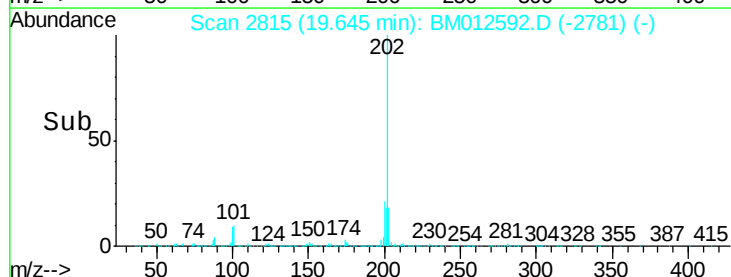
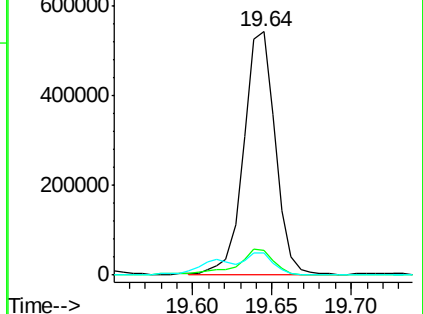
100 8.9 4.9 7.3#

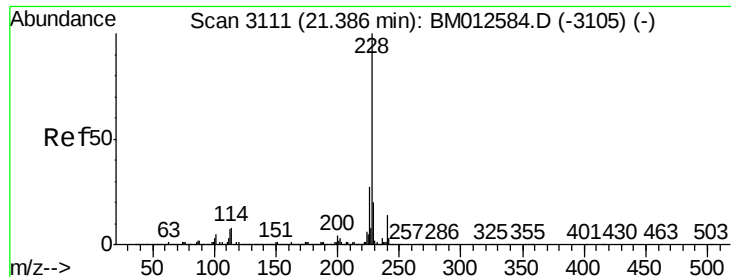


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

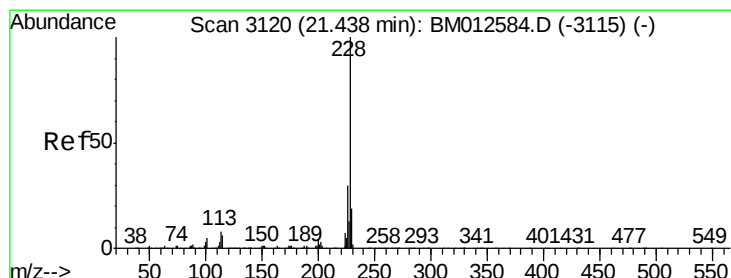
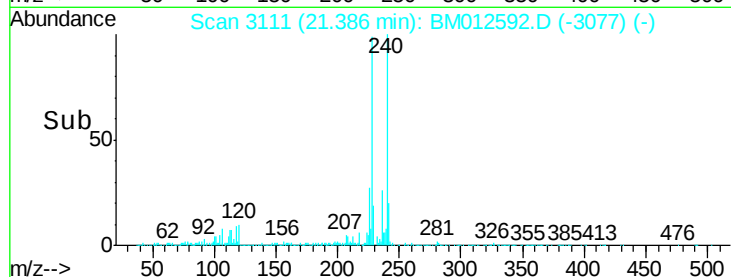
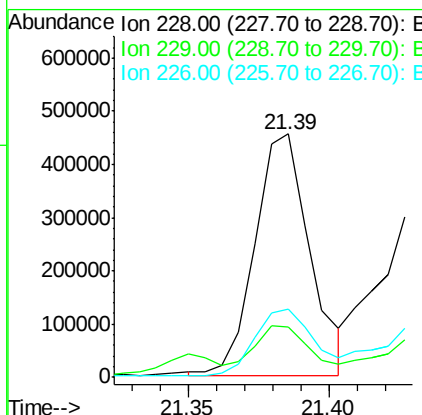
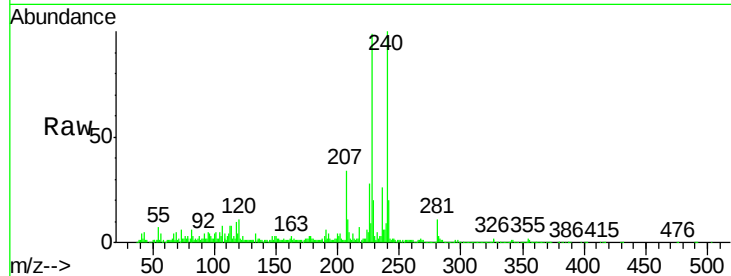




#80
Benzo(a)anthracene
Concen: 5.16 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM012592.D
Acq: 31 Oct 2017 02:24

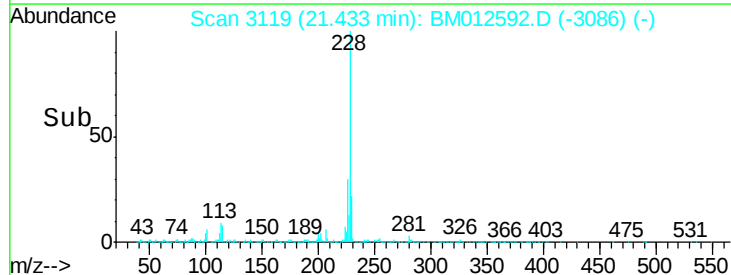
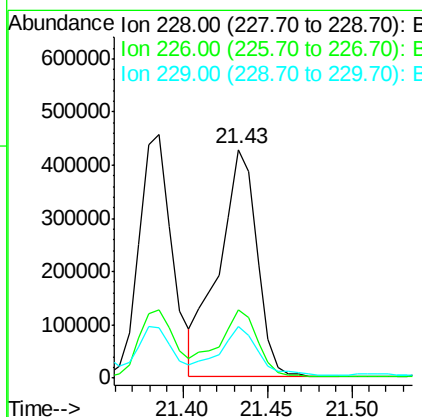
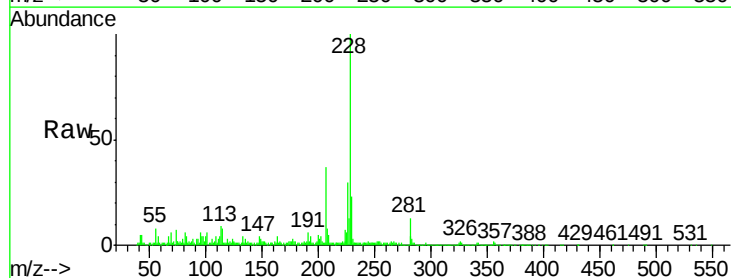
Instrument :
BNA_M
ClientSampleId :

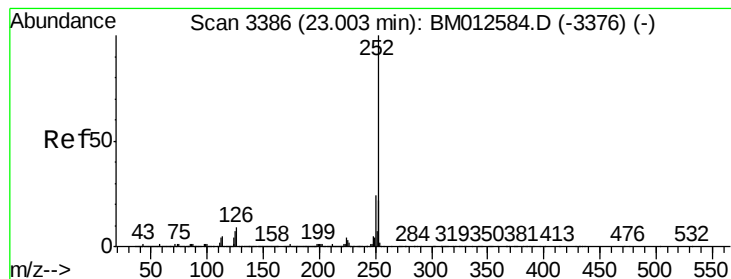
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	28.2	21.4	32.0



#82
Chrysene
Concen: 6.32 ng/ul
RT: 21.43 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM012592.D
Acq: 31 Oct 2017 02:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	22.7	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 7.92 ng/ul

RT: 23.00 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

Instrument :

BNA_M

ClientSampleId :

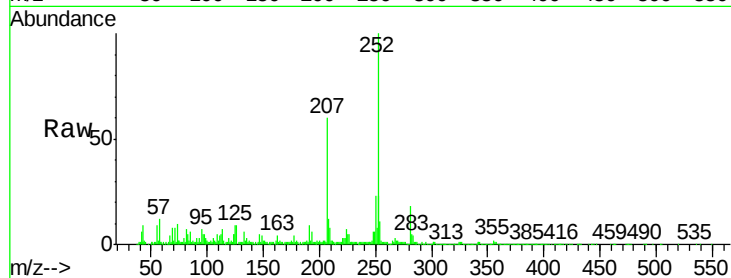
Tot Ion:252 Resp: 1093641

Ion Ratio Lower Upper

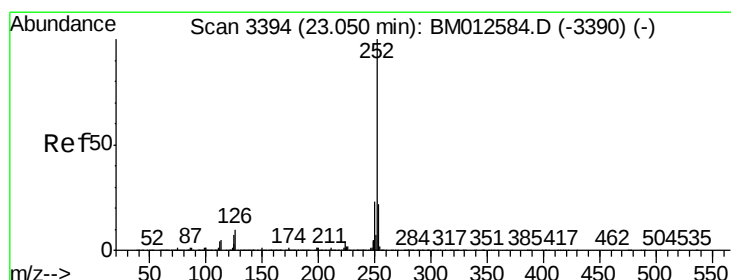
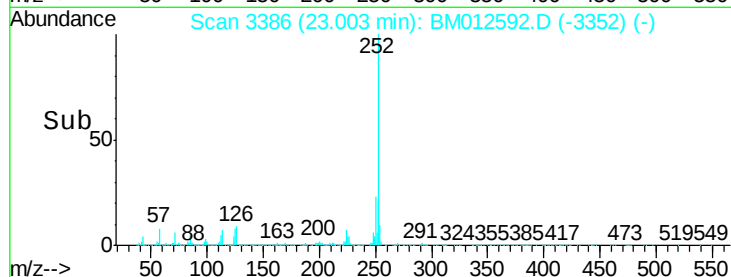
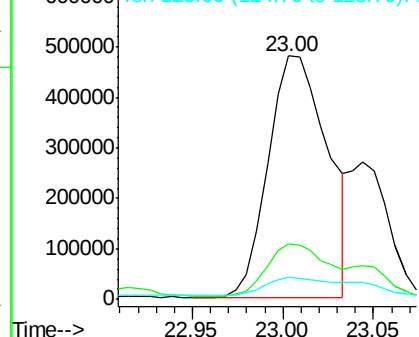
252 100

253 22.9 17.9 26.9

125 9.2 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: 8.41 ng/ul

RT: 23.00 min Scan# 3386

Delta R.T. -0.05 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

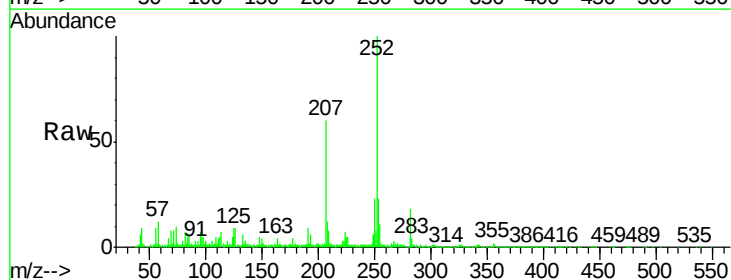
Tgt Ion:252 Resp: 1093641

Ion Ratio Lower Upper

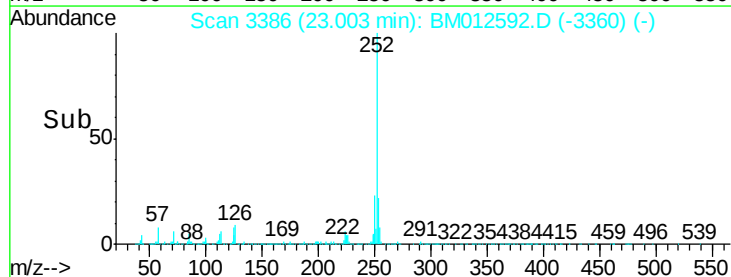
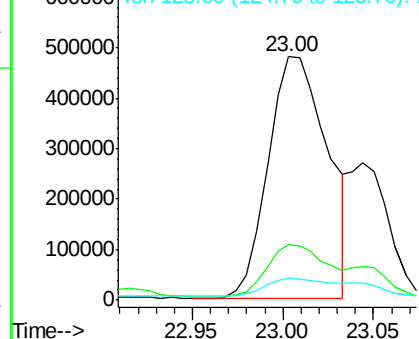
252 100

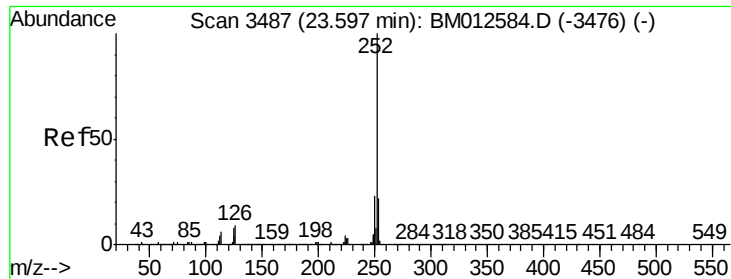
253 22.9 17.1 25.7

125 9.2 3.4 5.2#



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





#88

Benzo(a)pyrene

Concen: 3.94 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. 0.00 min

Lab File: BM012592.D

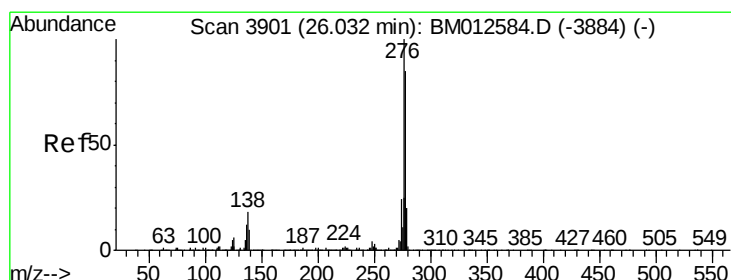
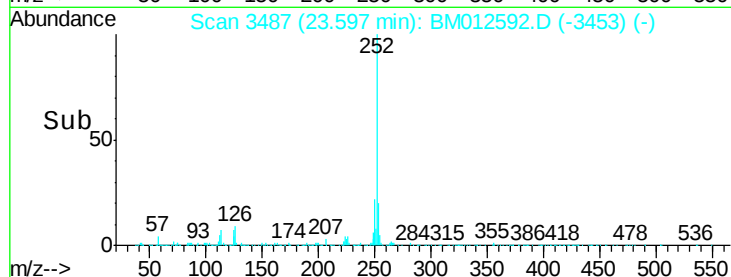
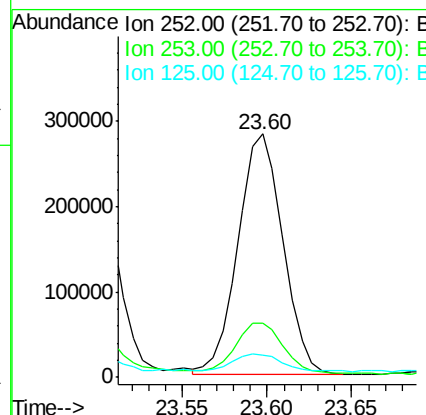
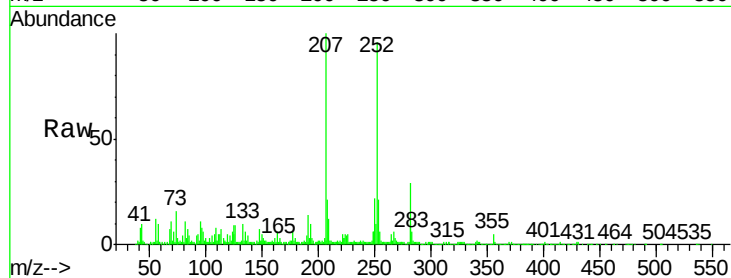
Acq: 31 Oct 2017 02:24

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	519464
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.1	4.0	6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.46 ng/ul

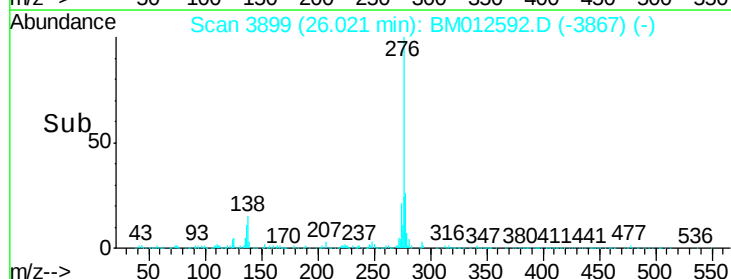
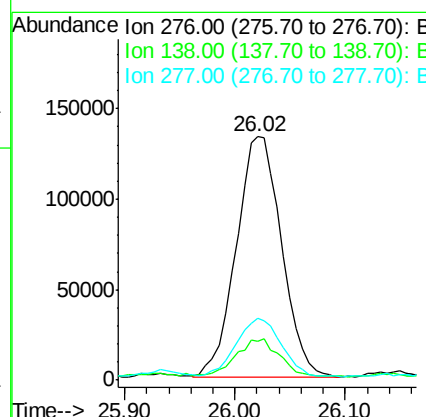
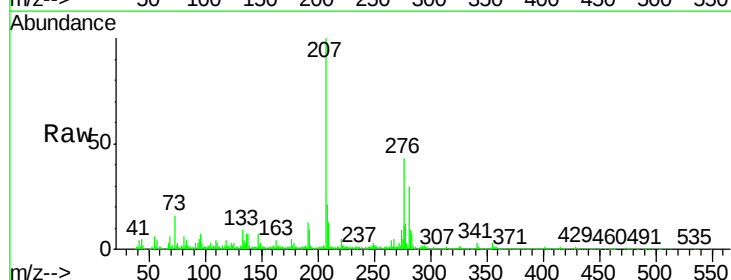
RT: 26.02 min Scan# 3899

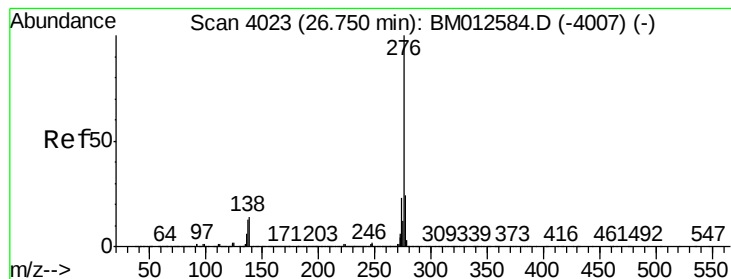
Delta R.T. -0.01 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

Tgt Ion:	276	Resp:	381624
Ion	Ratio	Lower	Upper
276	100		
138	15.8	9.3	13.9#
277	25.2	19.9	29.9





#91

Benzo(a,h,i)perylene

Concen: 2.44 ng/ul

RT: 26.74 min Scan# 4021

Delta R.T. -0.01 min

Lab File: BM012592.D

Acq: 31 Oct 2017 02:24

Instrument :

BNA_M

ClientSampleId :

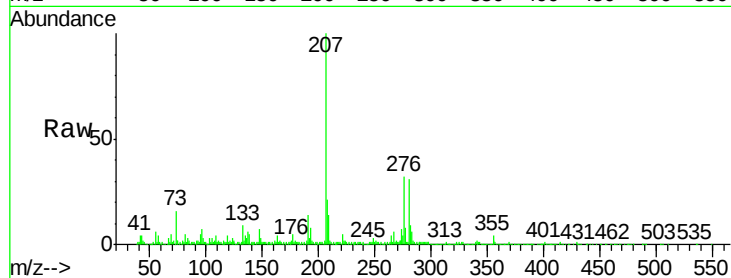
Tot Ion:276 Resp: 306512

Ion Ratio Lower Upper

276 100

138 15.5 8.5 12.7#

277 25.6 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

