

Data File : BM013406.D
Acq On : 14 Dec 2017 17:34
Operator : SJ/JU
Sample : I6900-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9C00

Quant Time: Dec 15 04:56:10 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	159968	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	677524	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	448038	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1130496	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1408322	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1403322	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	19629	6.08	ng/uL	0.00
5) Phenol-d5	6.86	99	75385	5.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	235345	29.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	256557	23.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	161926	13.69	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	177983	33.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	200974	34.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	332729	28.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	1786	0.16	ng/ul	0.01
43) Dimethylphthalate-d6	13.74	166	1327242	33.29	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1548788	31.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	37327	5.39	ng/ul	0.00
57) Fluorene-d10	15.32	176	1124512	32.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	228786	32.17	ng/ul	0.00
70) Anthracene-d10	17.17	188	1857444	32.81	ng/ul	0.00
76) Pyrene-d10	19.47	212	2219388	31.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	2348515	32.86	ng/ul	0.00

Target Compounds						Qvalue
24) 2,4-Dimethylphenol	9.64	107	69847	5.37	ng/ul	98
45) 2,6-Dinitrotoluene	13.74	165	8014	1.03	ng/ul#	29
49) Acenaphthene	14.38	153	34433	1.11	ng/ul	91
69) Phenanthrene	17.11	178	74143	1.15	ng/ul	96
71) Anthracene	17.11	178	74143	1.13	ng/ul	95

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

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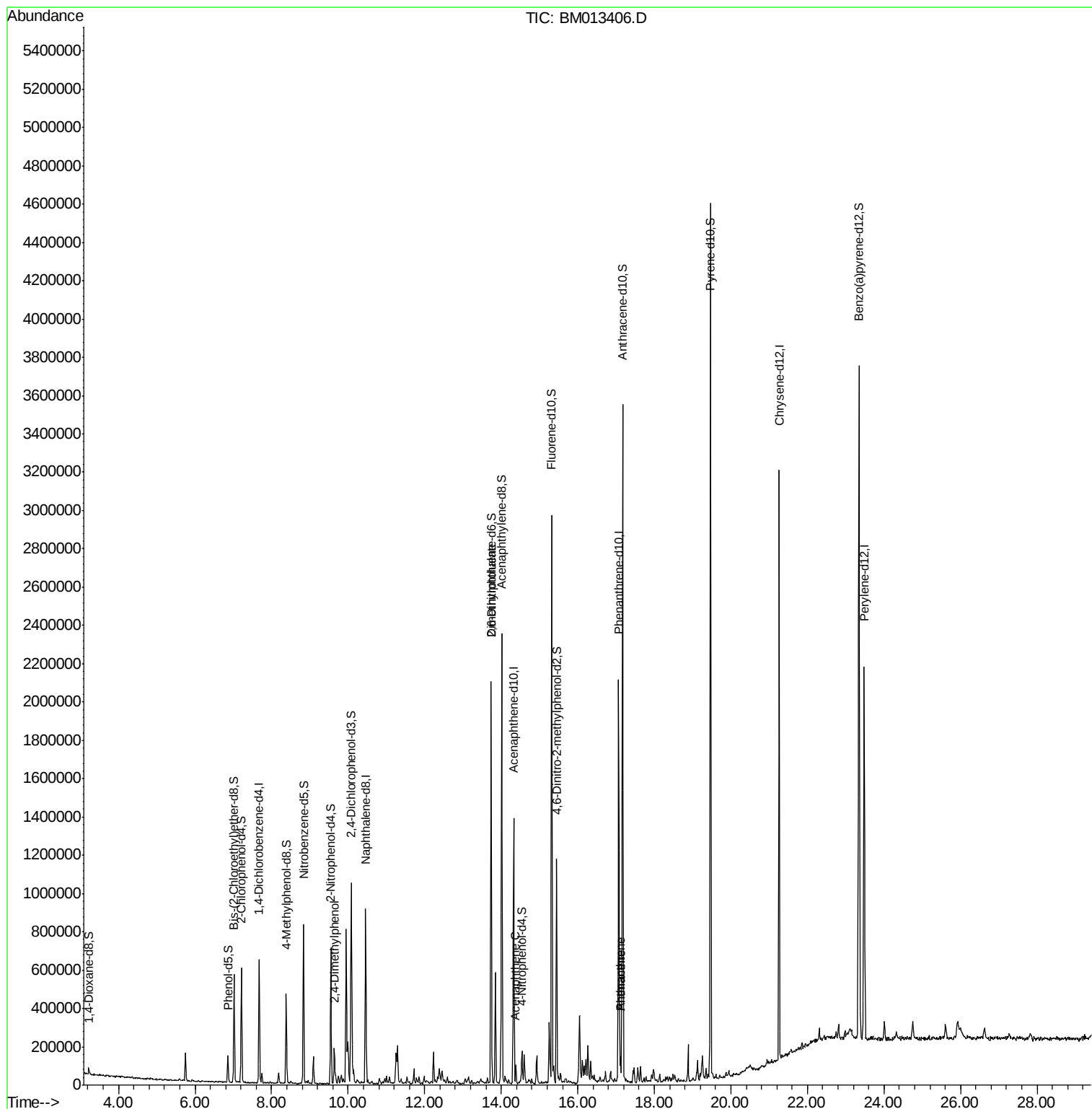
Quant Time: Dec 15 04:56:10 2017

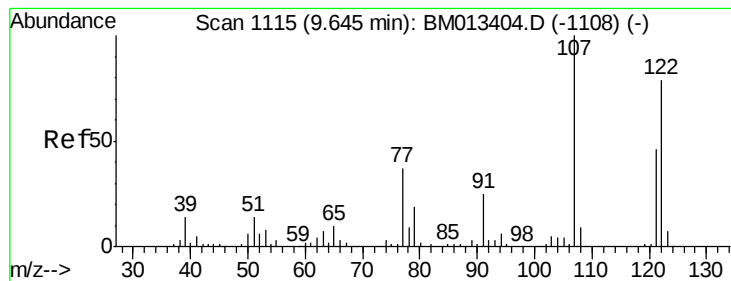
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

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#24

2,4-Dimethylphenol

Concen: 5.37 ng/ul

RT: 9.64 min Scan# 1114

Delta R.T. -0.01 min

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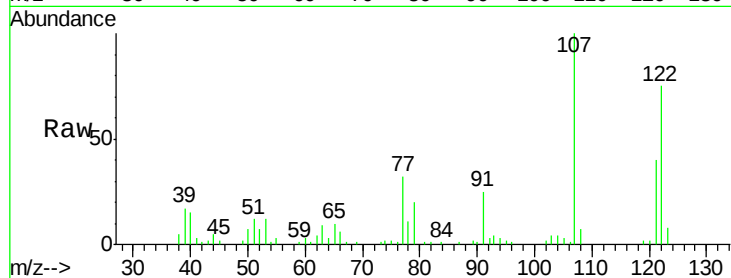
Tgt Ion:107 Resp: 69847

Ion Ratio Lower Upper

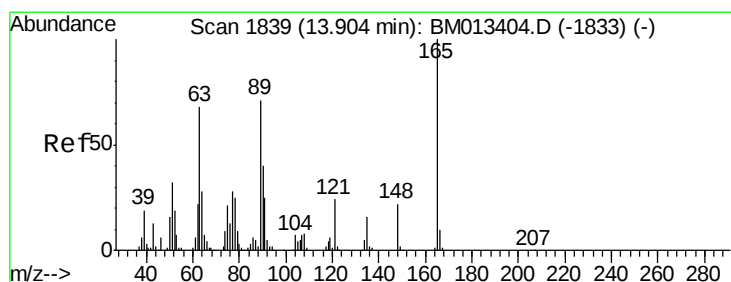
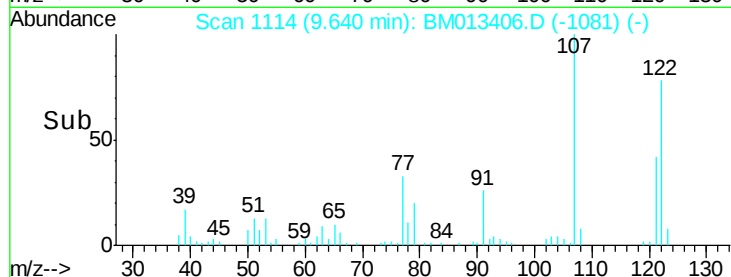
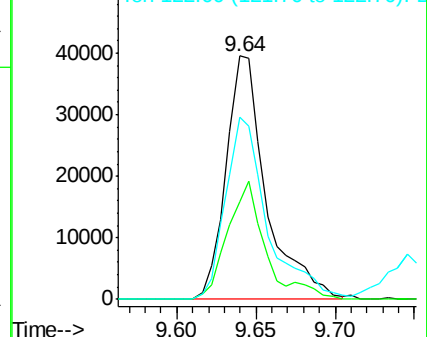
107 100

121 40.1 31.9 47.9

122 74.7 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E



#45

2,6-Dinitrotoluene

Concen: 1.03 ng/ul

RT: 13.74 min Scan# 1811

Delta R.T. -0.16 min

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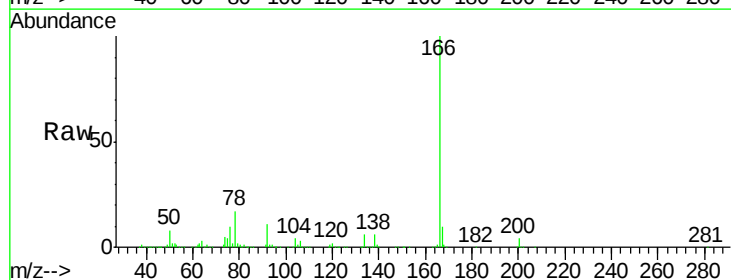
Tgt Ion:165 Resp: 8014

Ion Ratio Lower Upper

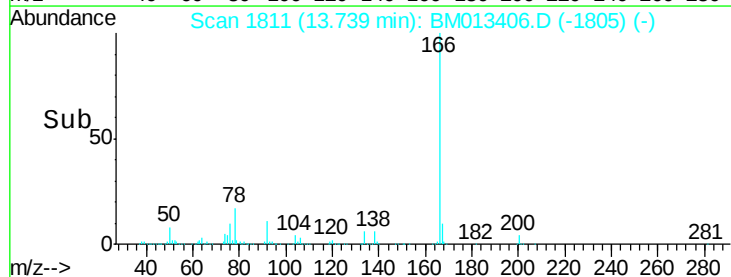
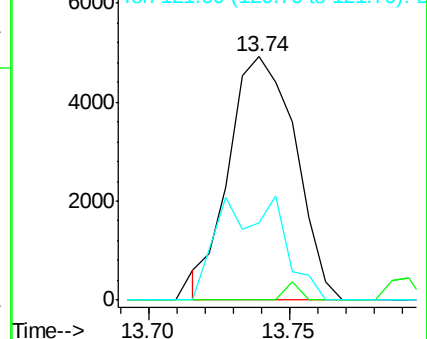
165 100

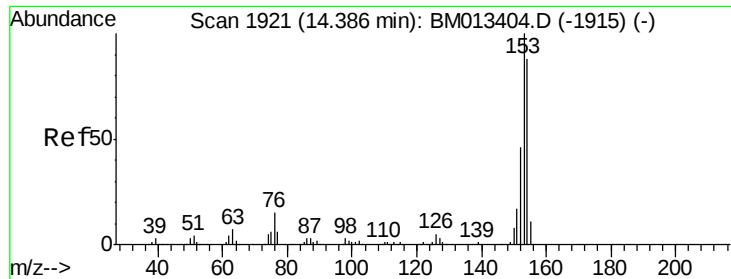
89 0.0 52.6 79.0#

121 31.7 14.6 22.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#49

Acenaphthene

Concen: 1.11 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. -0.01 min

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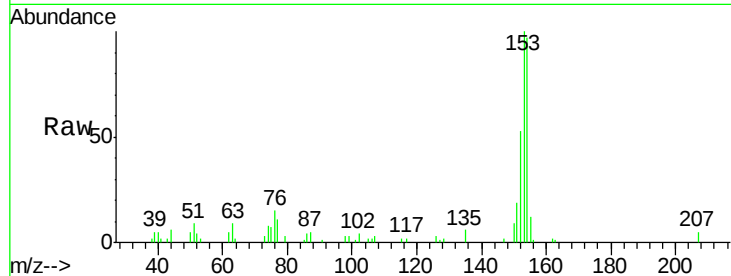
Tgt Ion:153 Resp: 34433

Ion Ratio Lower Upper

153 100

152 52.6 37.6 56.4

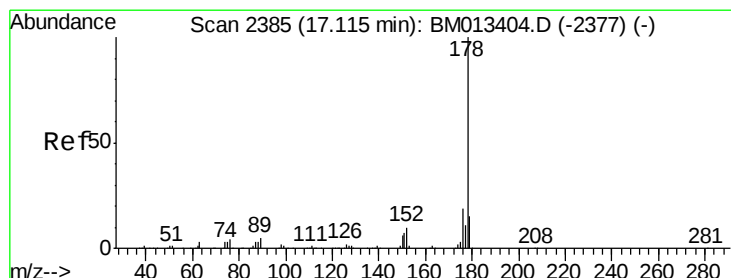
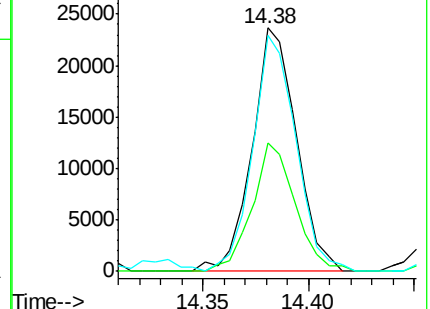
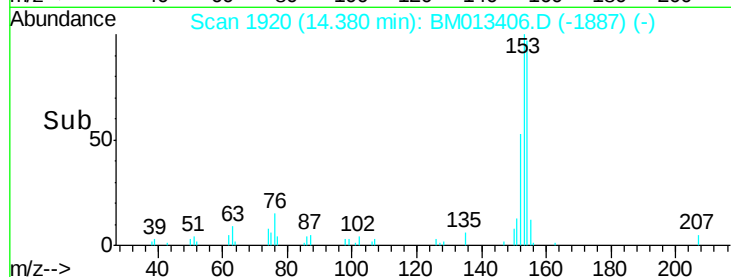
154 96.7 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#69

Phenanthrene

Concen: 1.15 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

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Acq: 14 Dec 2017 17:34

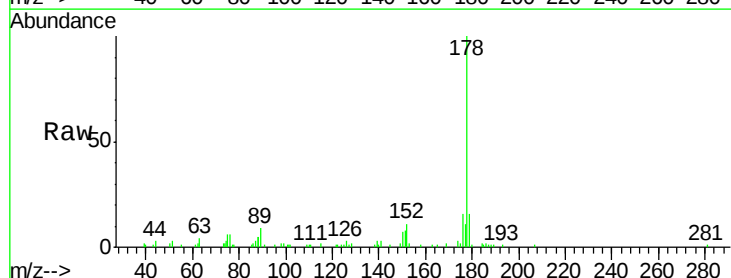
Tgt Ion:178 Resp: 74143

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

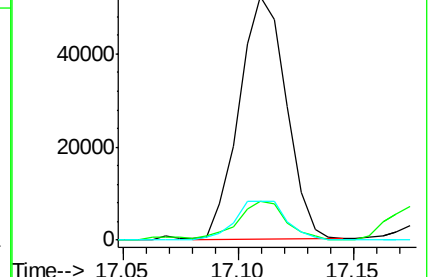
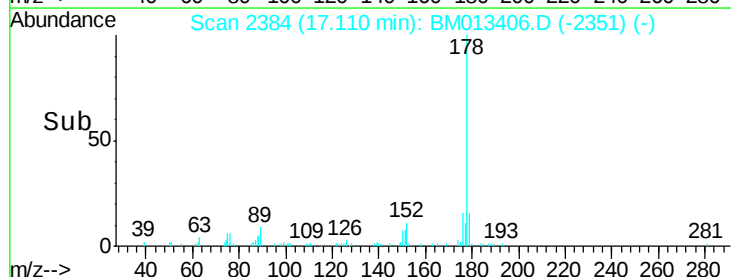
176 15.7 14.9 22.3

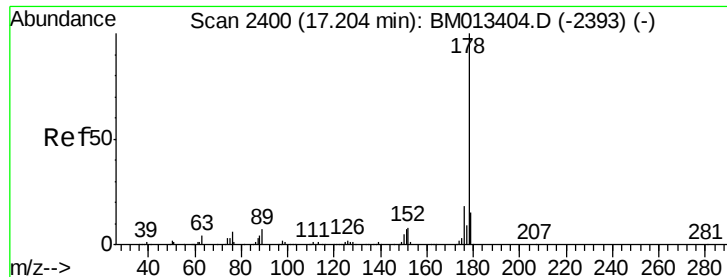


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

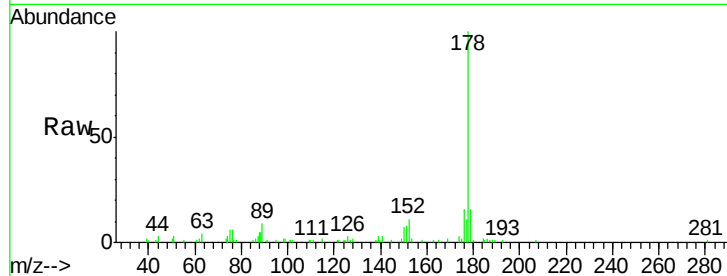




#71
 Anthracene
 Concen: 1.13 ng/ul
 RT: 17.11 min Scan# 2384
 Delta R.T. -0.09 min
 Lab File: BM013406.D
 Acq: 14 Dec 2017 17:34

Instrument :
 BNA_M
 ClientSampleId :
 F9C00

Tgt Ion:178 Resp: 74143
 Ion Ratio Lower Upper
 178 100
 179 16.1 11.7 17.5
 176 15.7 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

