

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP032921\
 Data File : BP005088.D
 Acq On : 29 Mar 2021 23:02
 Operator : CG/JU
 Sample : M1800-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 D8HE8

Quant Time: Mar 30 02:16:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP032921MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 30 00:27:26 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	33646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	139287	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.37	164	89027	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	186640	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	195387	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	195323	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.22	96	4265	4.79	ng/uL	0.00
5) Phenol-d5	6.89	99	24047	8.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	53645	35.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	60480	29.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	42472	19.19	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	36128	35.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	40496	35.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	68598	30.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	6186	2.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	238901	36.96	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	288646	36.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	8139	7.71	ng/ul	0.00
58) Fluorene-d10	15.37	176	205867	36.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	45780	37.14	ng/ul	0.00
71) Anthracene-d10	17.23	188	329817	39.25	ng/ul	0.00
79) Pyrene-d10	19.47	212	378823	40.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	408976	40.76	ng/ul	0.00

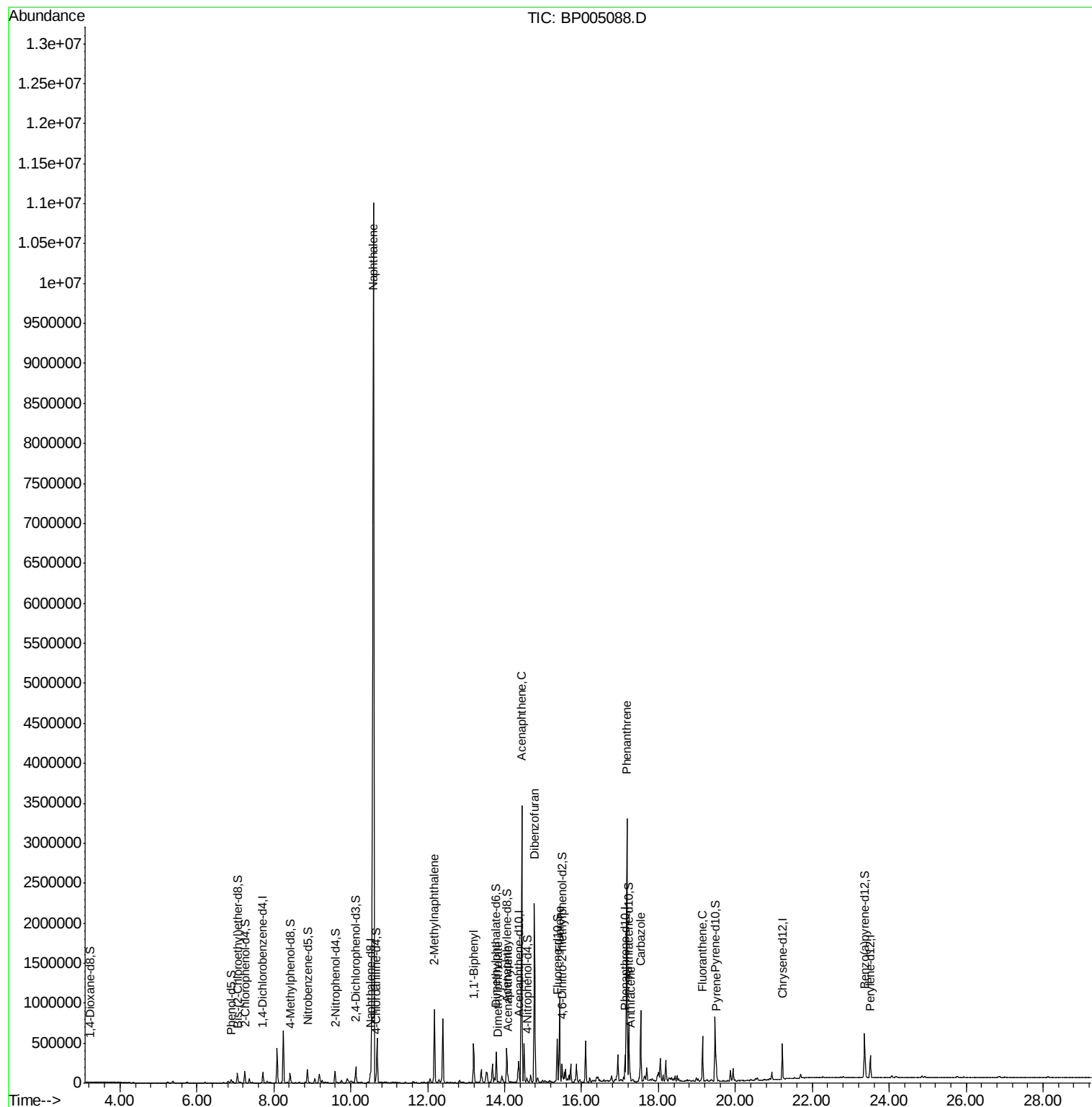
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.59	128	11162501	1522.378	ng/ul	98
34) 2-Methylnaphthalene	12.17	142	401946	76.616	ng/ul	96
41) 1,1'-Biphenyl	13.20	154	250067	37.313	ng/ul	96
45) Dimethylphthalate	13.83	163	9947	1.504	ng/ul	96
48) Acenaphthylene	14.09	152	11570	1.519	ng/ul#	81
50) Acenaphthene	14.45	153	1435565	262.318	ng/ul	99
54) Dibenzofuran	14.77	168	1316758	164.766	ng/ul	98
59) Fluorene	15.43	166	457896	69.476	ng/ul	98
70) Phenanthrene	17.18	178	1896247	189.136	ng/ul	100
72) Anthracene	17.26	178	62644	6.182	ng/ul	96
75) Carbazole	17.54	167	513699	58.600	ng/ul	99
77) Fluoranthene	19.15	202	316295	26.690	ng/ul	98
80) Pyrene	19.50	202	171563	14.198	ng/ul	97

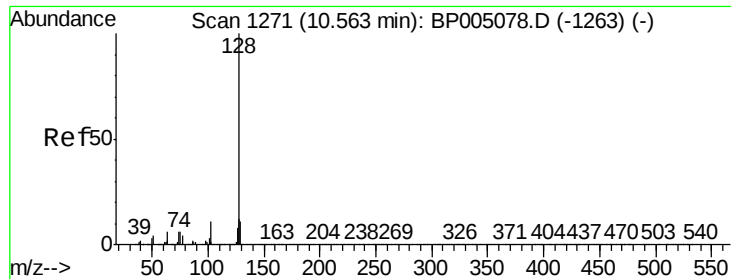
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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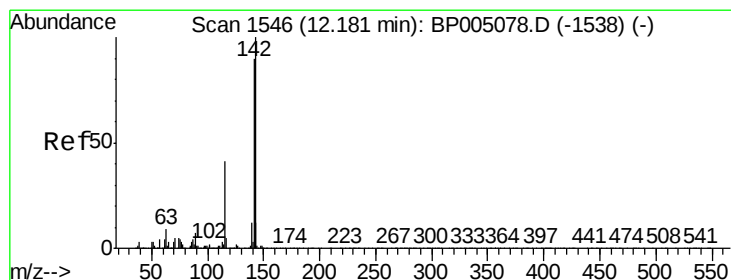
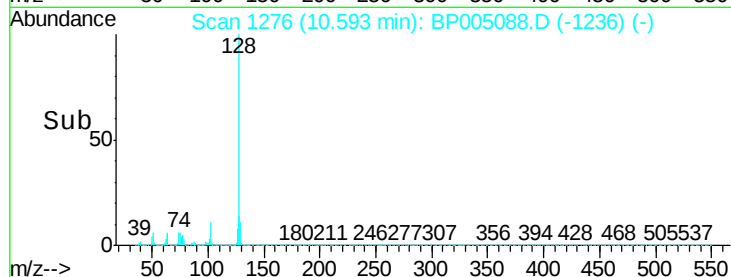
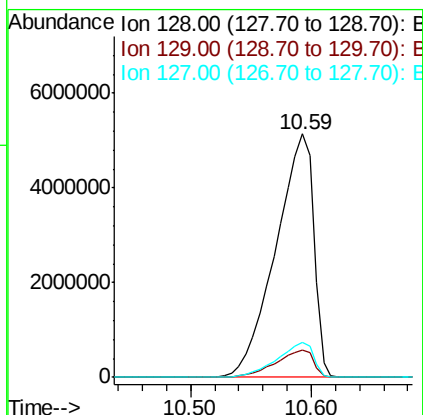
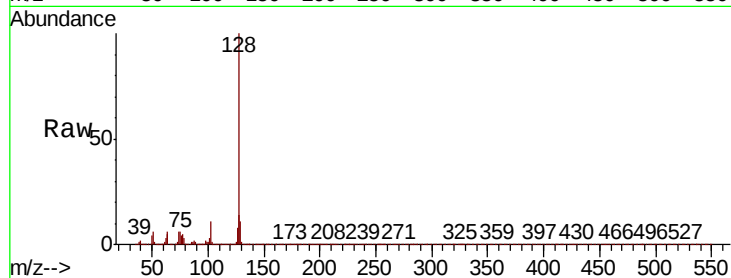




#28
Naphthalene
Concen: 1522.378 ng/ul
RT: 10.59 min Scan# 1276
Delta R.T. 0.04 min
Lab File: BP005088.D
Acq: 29 Mar 2021 23:02

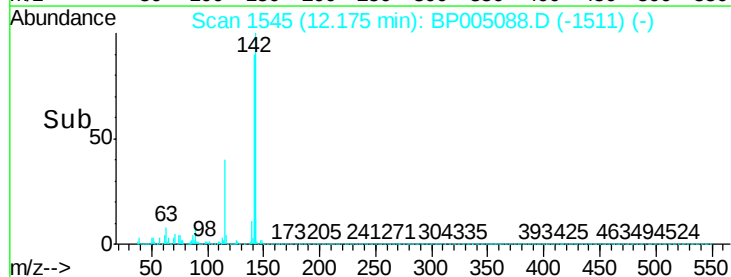
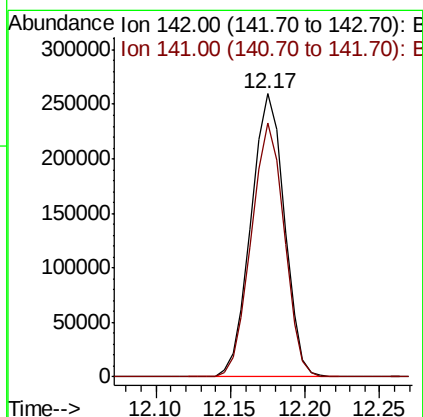
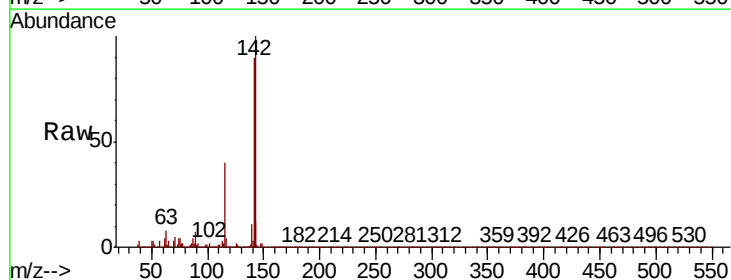
Instrument :
BNA_P
ClientSampleId :
D8HE8

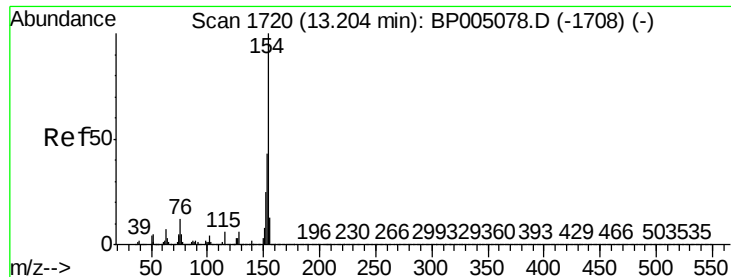
Tot Ion:128 Resp:11162501
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 14.3 10.3 15.5



#34
2-Methylnaphthalene
Concen: 76.616 ng/ul
RT: 12.17 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BP005088.D
Acq: 29 Mar 2021 23:02

Tgt Ion:142 Resp: 401946
Ion Ratio Lower Upper
142 100
141 89.7 68.6 102.8

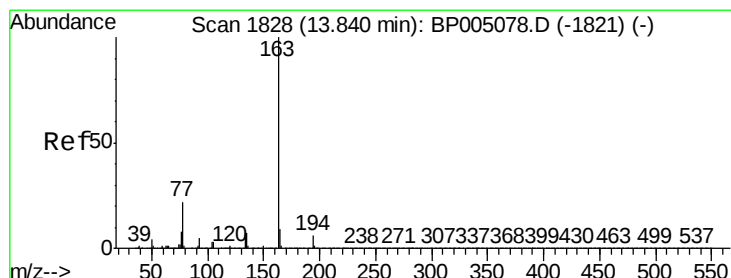
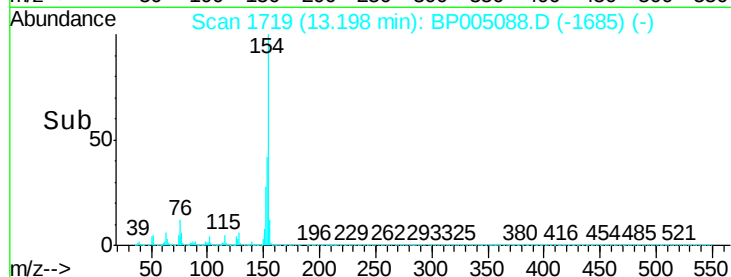
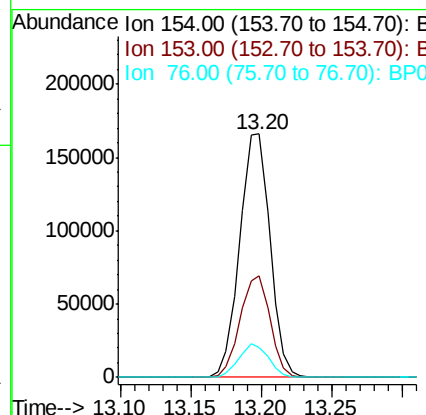
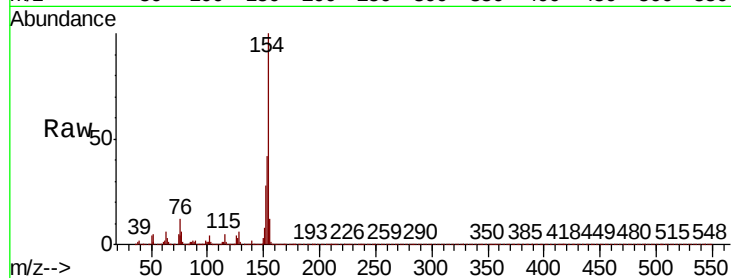




#41
1,1'-Biphenyl
Concen: 37.313 ng/ul
RT: 13.20 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BP005088.D
Acq: 29 Mar 2021 23:02

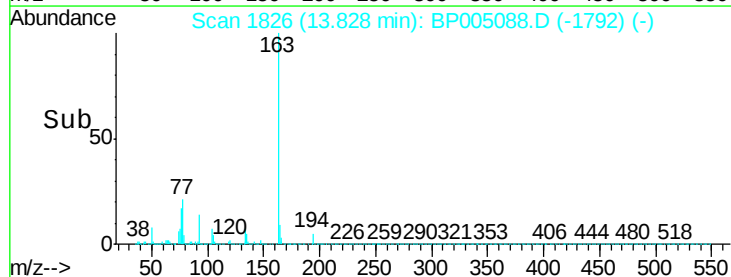
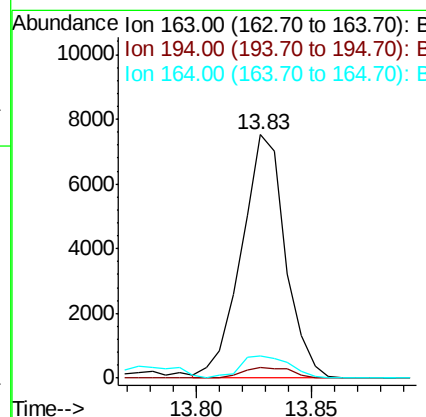
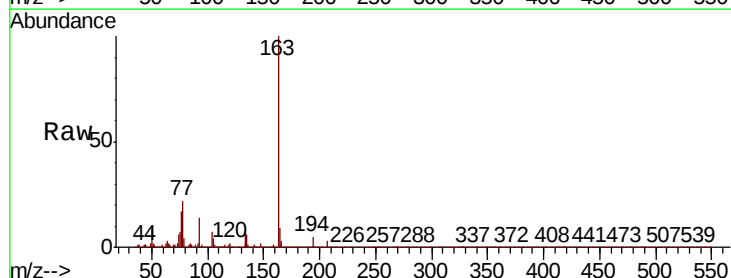
Instrument :
BNA_P
ClientSampleId :
D8HE8

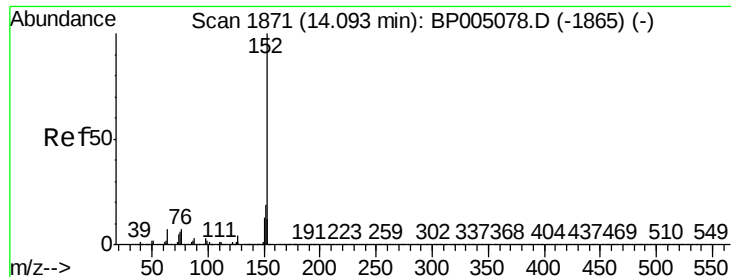
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	31.3	46.9
76	12.5	10.7	16.1



#45
Dimethylphthalate
Concen: 1.504 ng/ul
RT: 13.83 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BP005088.D
Acq: 29 Mar 2021 23:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	9.0	8.6	13.0





#48

Acenaphthylene

Concen: 1.519 ng/ul

RT: 14.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BP005088.D

Acq: 29 Mar 2021 23:02

Instrument :

BNA_P

ClientSampleId :

D8HE8

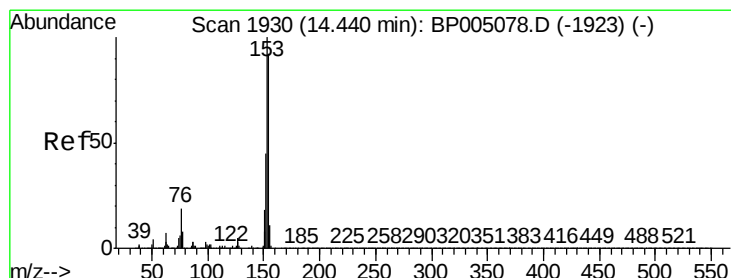
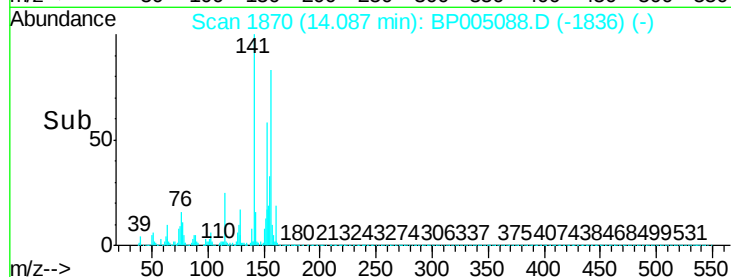
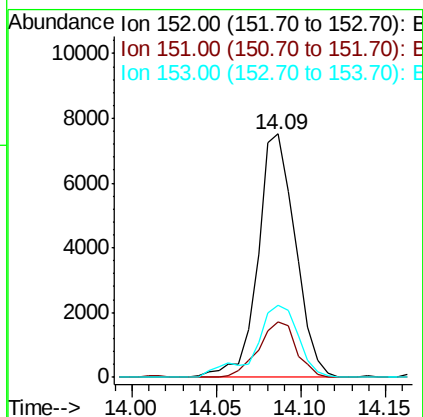
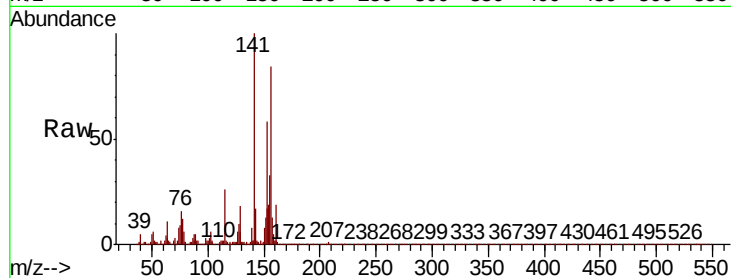
Tot Ion:152 Resp: 11570

Ion Ratio Lower Upper

152 100

151 23.0 16.4 24.6

153 29.5 10.8 16.2#



#50

Acenaphthene

Concen: 262.318 ng/ul

RT: 14.45 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BP005088.D

Acq: 29 Mar 2021 23:02

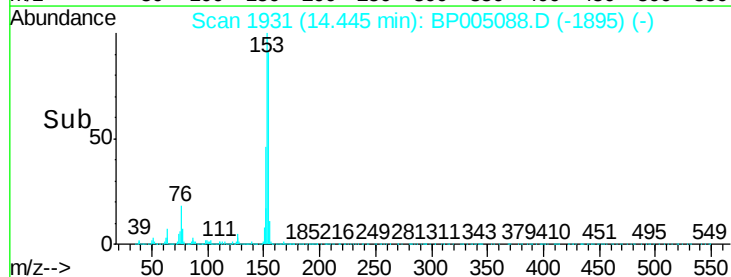
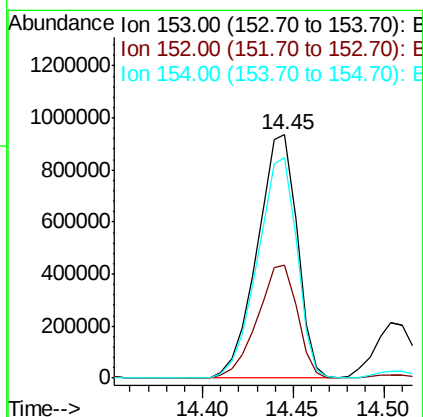
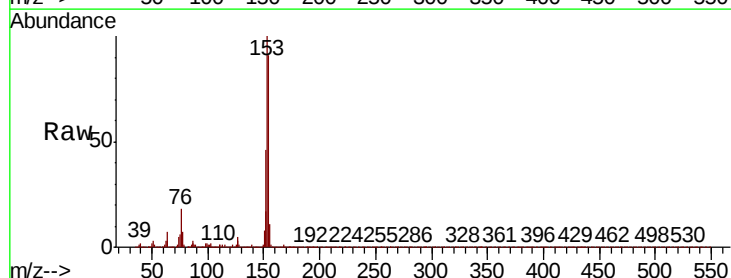
Tgt Ion:153 Resp: 1435565

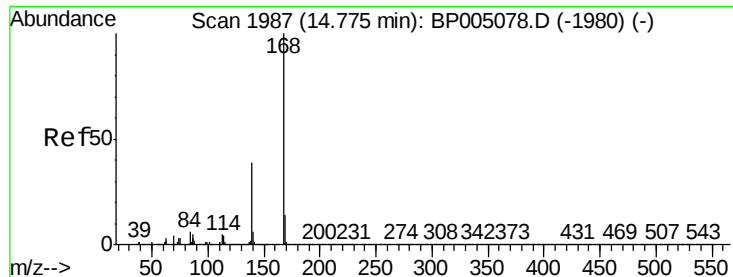
Ion Ratio Lower Upper

153 100

152 46.2 37.5 56.3

154 90.6 73.4 110.0





#54

Dibenzenofuran

Concen: 164.766 ng/ul

RT: 14.77 min Scan# 1987

Delta R.T. 0.01 min

Lab File: BP005088.D

Acq: 29 Mar 2021 23:02

Instrument :

BNA_P

ClientSampleId :

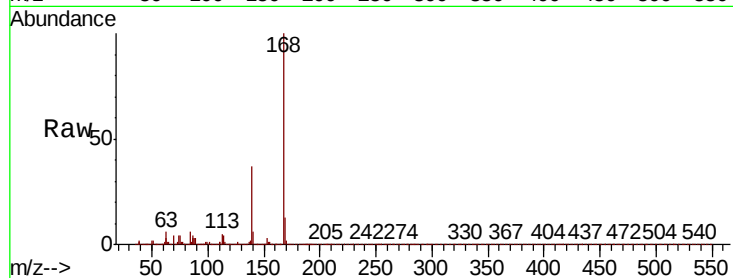
D8HE8

Tot Ion:168 Resp: 1316758

Ion Ratio Lower Upper

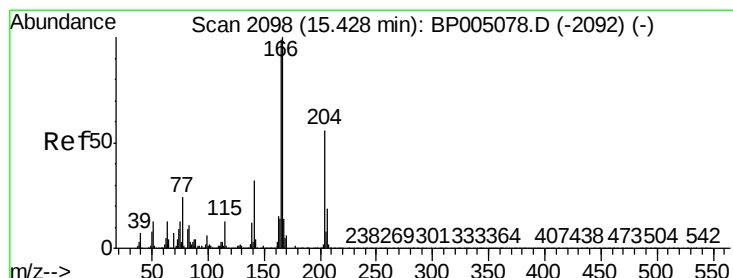
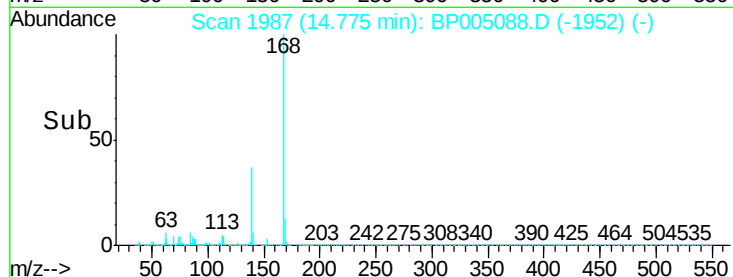
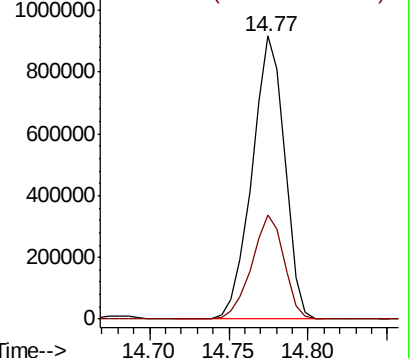
168 100

139 36.9 28.6 43.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 69.476 ng/ul

RT: 15.43 min Scan# 2098

Delta R.T. 0.01 min

Lab File: BP005088.D

Acq: 29 Mar 2021 23:02

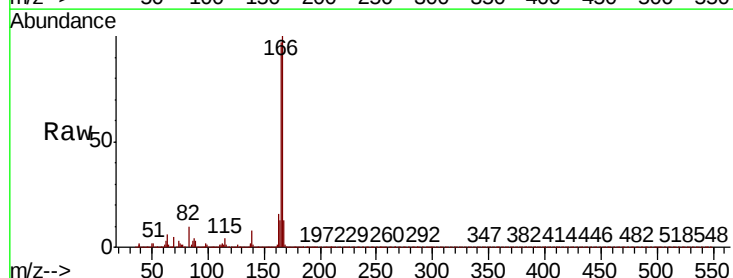
Tgt Ion:166 Resp: 457896

Ion Ratio Lower Upper

166 100

165 97.3 76.1 114.1

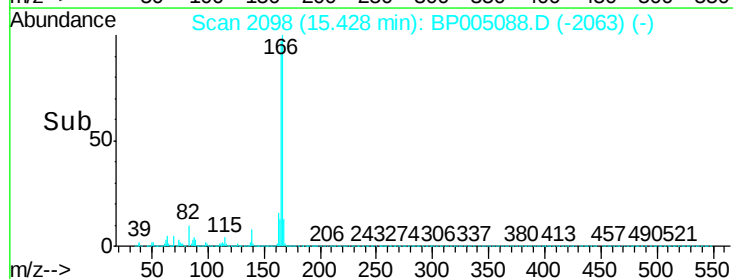
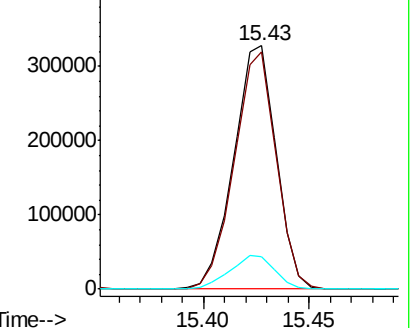
167 13.3 11.3 16.9

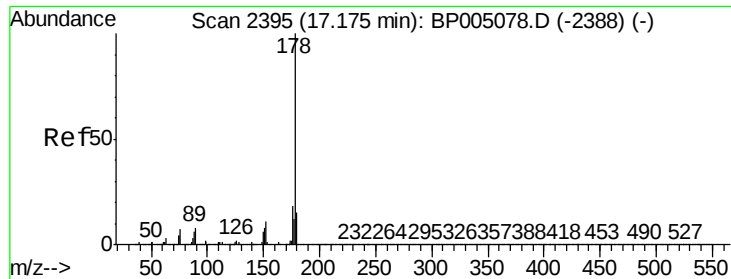


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 189.136 ng/ul

RT: 17.18 min Scan# 2396

Delta R.T. 0.01 min

Lab File: BP005088.D

Acq: 29 Mar 2021 23:02

Instrument :

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ClientSampleId :

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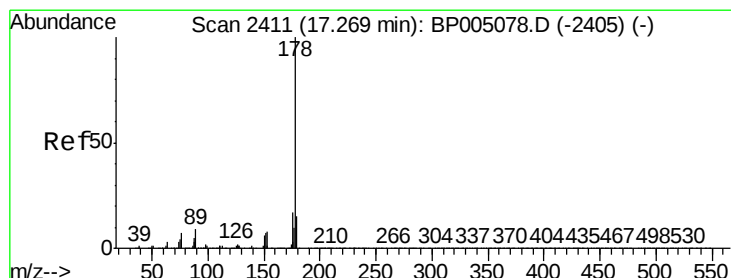
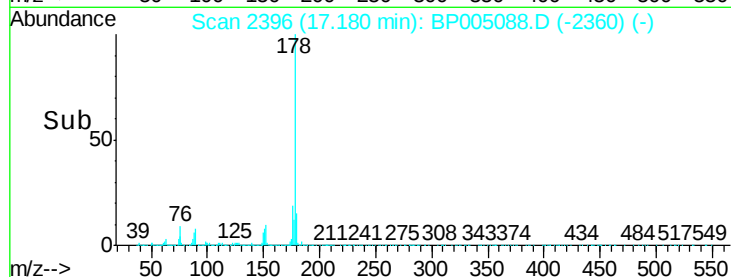
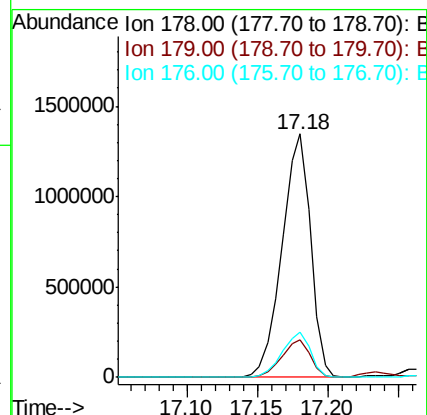
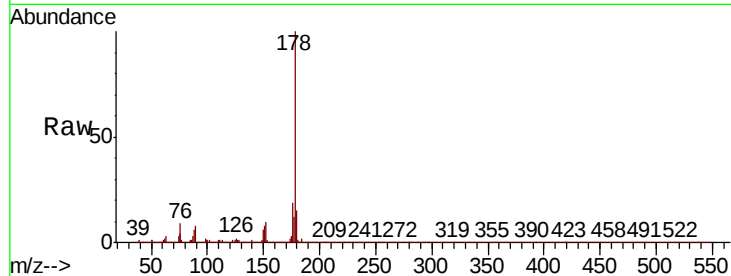
Tot Ion:178 Resp: 1896247

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.7	15.0	22.4

178 100

179 15.5 12.3 18.5

176 18.7 15.0 22.4



#72

Anthracene

Concen: 6.182 ng/ul

RT: 17.26 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BP005088.D

Acq: 29 Mar 2021 23:02

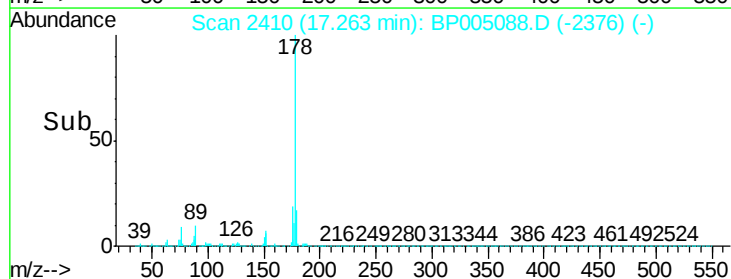
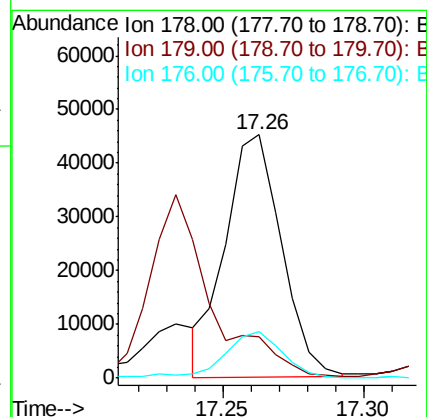
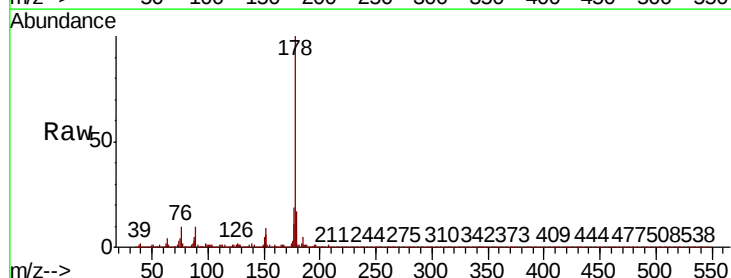
Tgt Ion:178 Resp: 62644

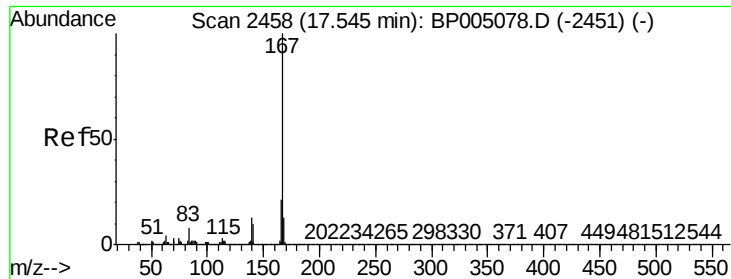
Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	19.0
176	19.3	13.8	20.8

178 100

179 16.8 12.6 19.0

176 19.3 13.8 20.8

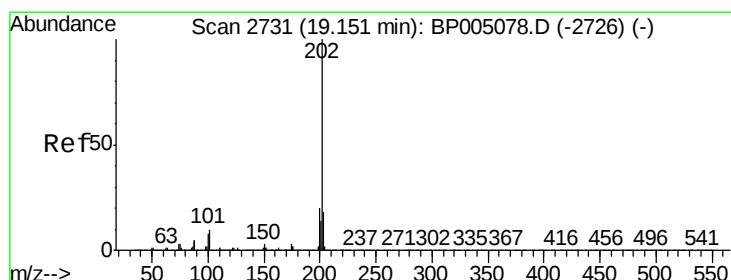
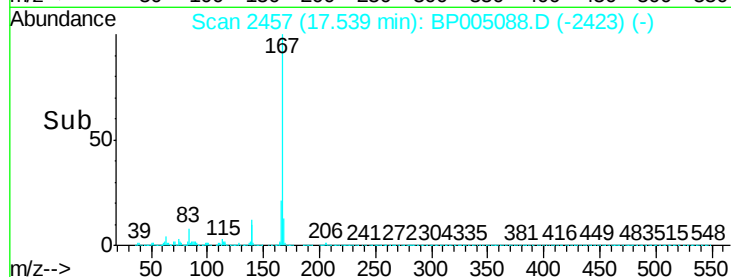
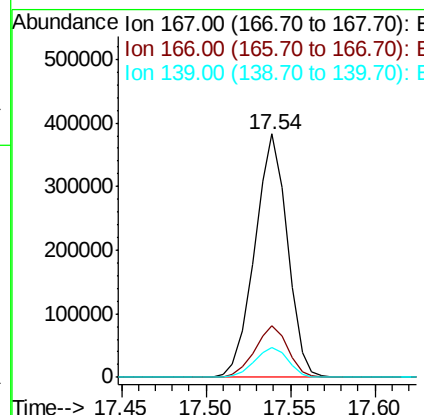
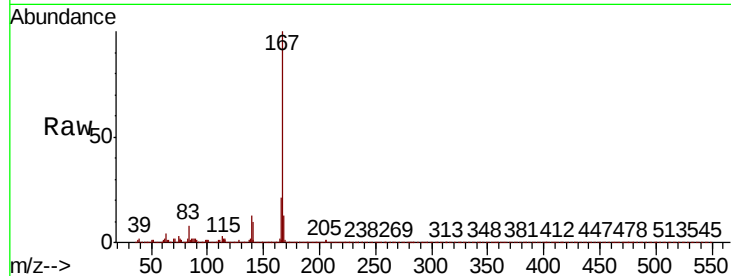




#75
 Carbazole
 Concen: 58.600 ng/ul
 RT: 17.54 min Scan# 2457
 Delta R.T. -0.00 min
 Lab File: BP005088.D
 Acq: 29 Mar 2021 23:02

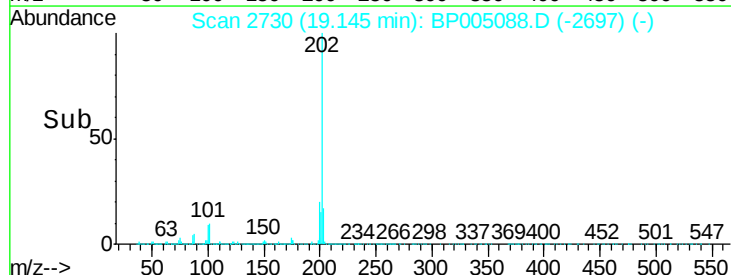
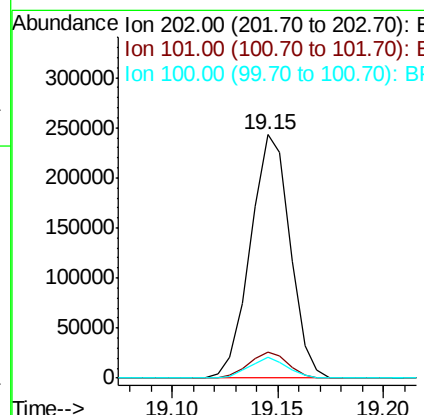
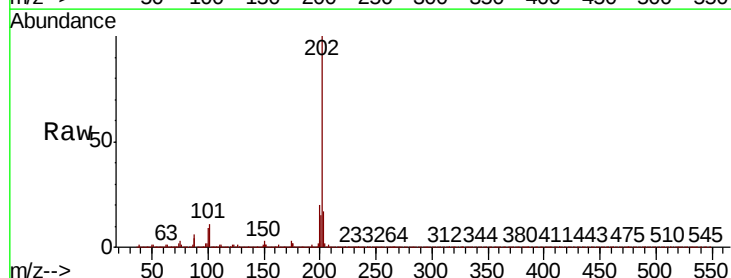
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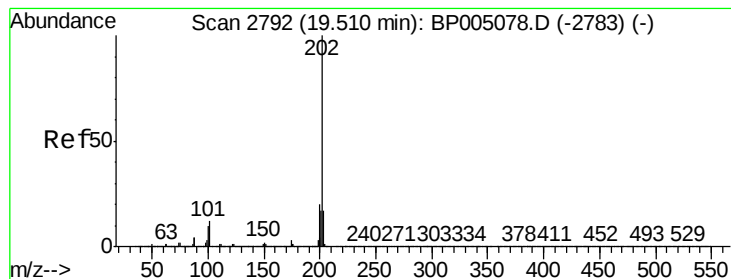
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.5	10.4	15.6



#77
 Fluoranthene
 Concen: 26.690 ng/ul
 RT: 19.15 min Scan# 2730
 Delta R.T. -0.01 min
 Lab File: BP005088.D
 Acq: 29 Mar 2021 23:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.3	12.5
100	8.6	5.9	8.9

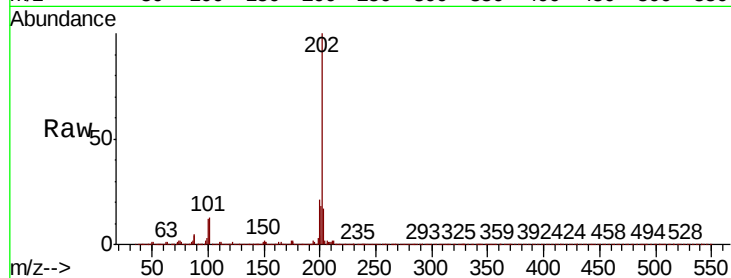




#80
 Pvrene
 Concen: 14.198 ng/ul
 RT: 19.50 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BP005088.D
 Acq: 29 Mar 2021 23:02

Instrument :
 BNA_P
 ClientSampleId :
 D8HE8

Tot Ion:	202	Resp:	171563
Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.3	13.9
100	11.7	8.2	12.4



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

