

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP031020\
 Data File : BP002159.D
 Acq On : 10 Mar 2020 20:12
 Operator : CG/JU
 Sample : L1843-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB5T2

Quant Time: Mar 11 01:04:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 11 00:28:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	341627	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1267415	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	823999	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1800138	20.00	ng/ul	0.00
78) Chrysene-d12	21.12	240	1635735	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2071584	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	41857	5.27	ng/uL	0.00
5) Phenol-d5	6.83	99	157426	6.04	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.98	67	340894	24.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	479736	21.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	294937	13.77	ng/ul	0.01
19) Nitrobenzene-d5	8.78	128	257926	26.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	277713	25.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	515127	24.41	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	435589	18.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1632828	26.18	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1922220	25.77	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	41590	3.49	ng/ul	0.02
58) Fluorene-d10	15.27	176	1415689	26.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	56522	5.70	ng/ul	0.00
71) Anthracene-d10	17.12	188	2131491	26.35	ng/ul	0.00
79) Pyrene-d10	19.37	212	2422229	28.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	2720815	25.67	ng/ul	0.00

Target Compounds

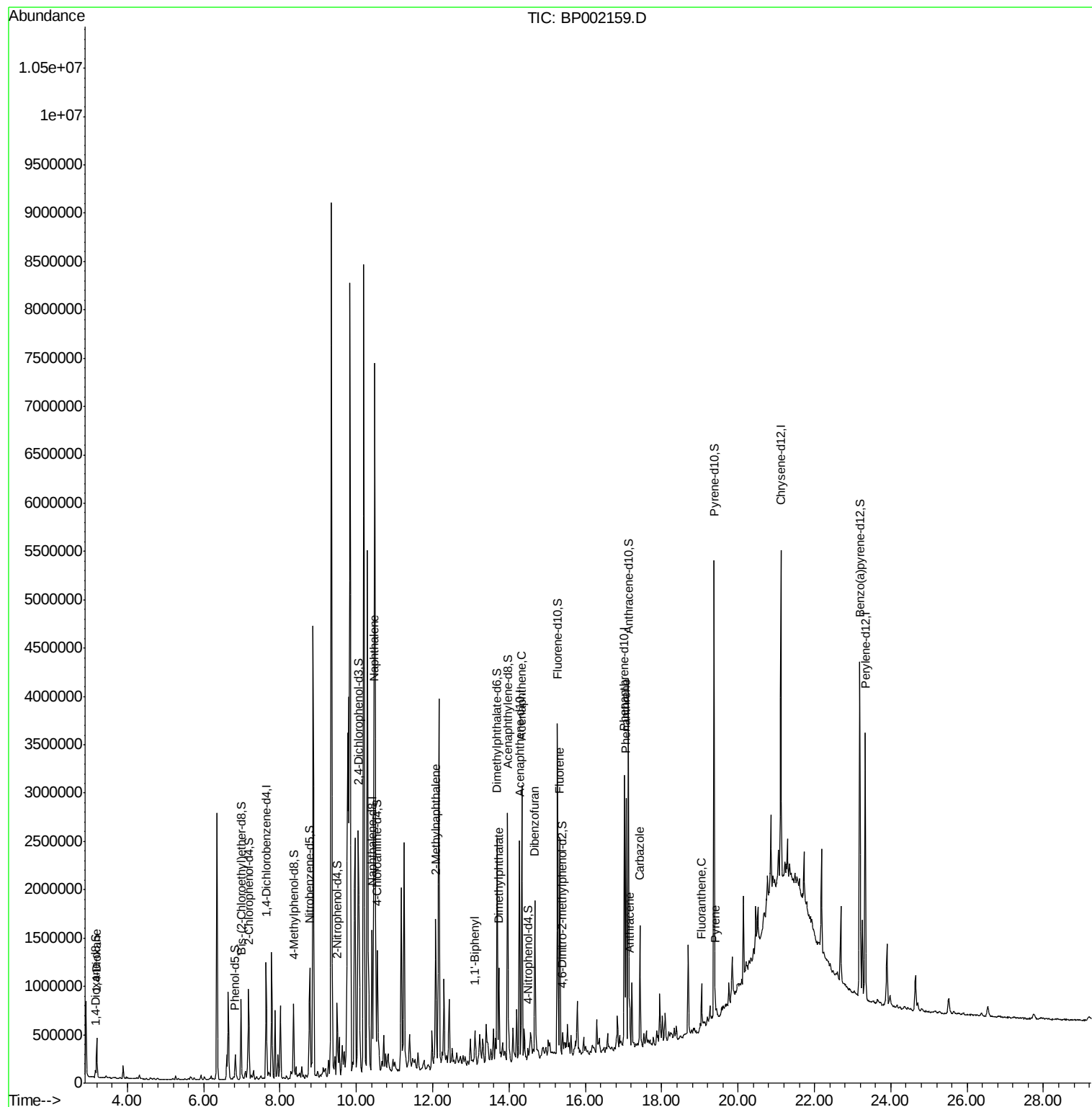
					Ovalue
2) 1,4-Dioxane	3.20	88	237714	28.054	ng/uL 96
28) Naphthalene	10.46	128	1866402	27.487	ng/ul 99
34) 2-Methylnaphthalene	12.07	142	540299	11.330	ng/ul 100
41) 1,1'-Biphenyl	13.10	154	168696	2.632	ng/ul 100
45) Dimethylphthalate	13.73	163	616646	9.580	ng/ul 100
50) Acenaphthene	14.34	153	1231787	23.168	ng/ul 98
54) Dibenzofuran	14.67	168	1087463	14.481	ng/ul 98
59) Fluorene	15.33	166	1020301	17.002	ng/ul 99
70) Phenanthrene	17.07	178	1653181	16.670	ng/ul 99
72) Anthracene	17.16	178	318586	3.245	ng/ul 99
75) Carbazole	17.43	167	873047	10.559	ng/ul 99
77) Fluoranthene	19.05	202	266665	2.331	ng/ul 99
80) Pyrene	19.40	202	145697	1.308	ng/ul 99

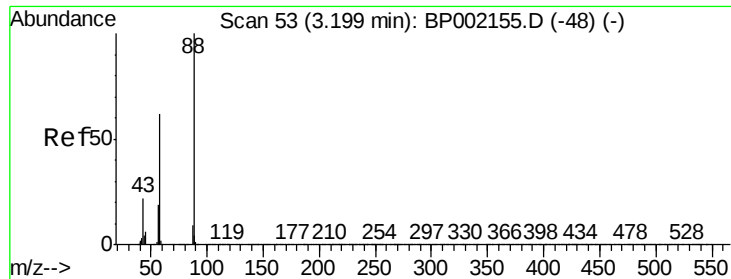
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 28.054 ng/uL

RT: 3.20 min Scan# 53

Delta R.T. -0.00 min

Lab File: BP002159.D

Acq: 10 Mar 2020 20:12

Instrument :

BNA_P

ClientSampleId :

CB5T2

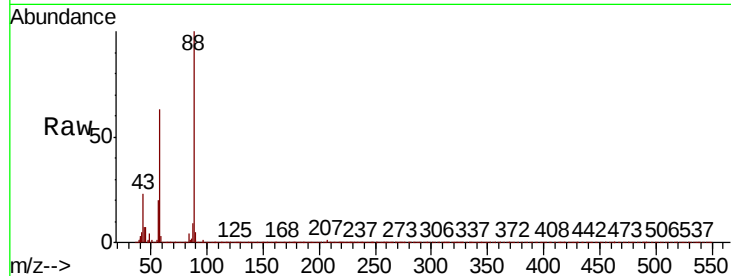
Tot Ion: 88 Resp: 237714

Ion	Ratio	Lower	Upper
88	100		
43	23.1	22.6	34.0
58	63.3	49.6	74.4

88 100

43 23.1 22.6 34.0

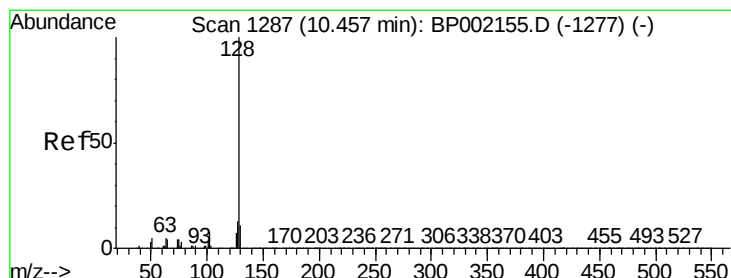
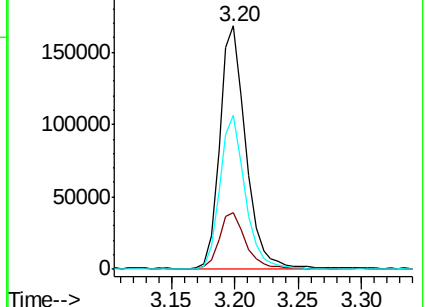
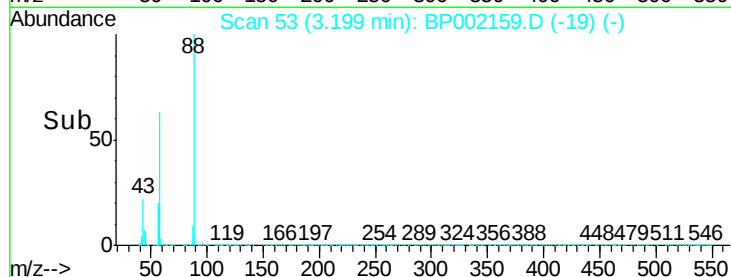
58 63.3 49.6 74.4



Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

Ion 58.00 (57.70 to 58.70): BP0



#28

Naphthalene

Concen: 27.487 ng/uL

RT: 10.46 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BP002159.D

Acq: 10 Mar 2020 20:12

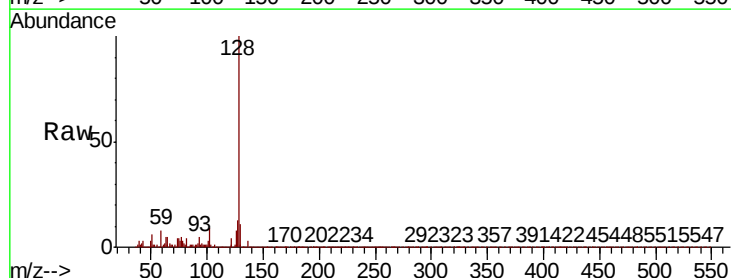
Tgt Ion: 128 Resp: 1866402

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.3	10.2	15.2

128 100

129 11.2 8.8 13.2

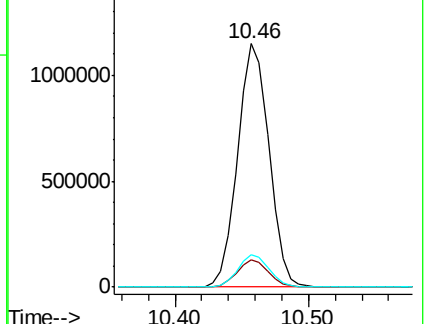
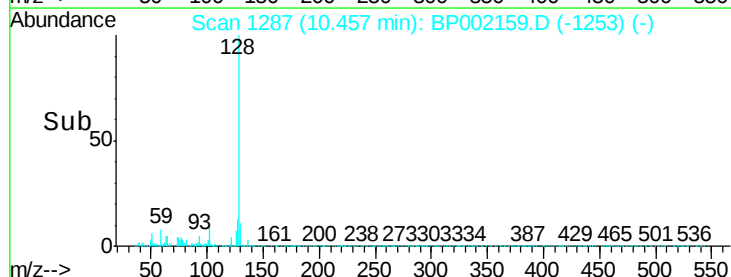
127 13.3 10.2 15.2

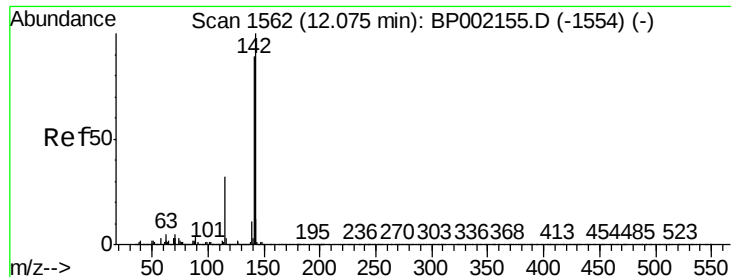


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

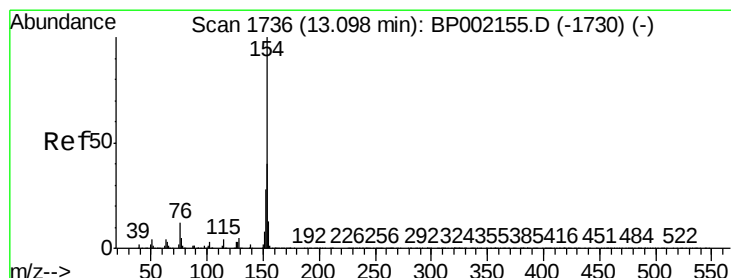
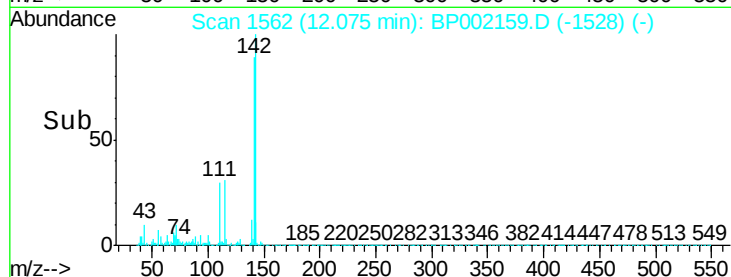
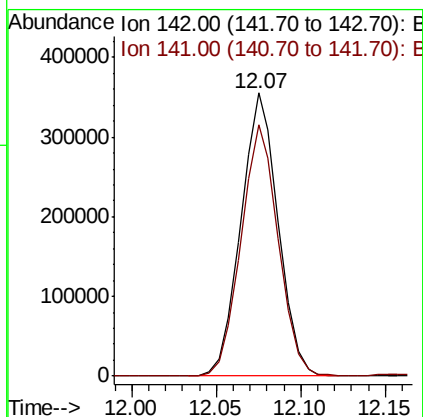
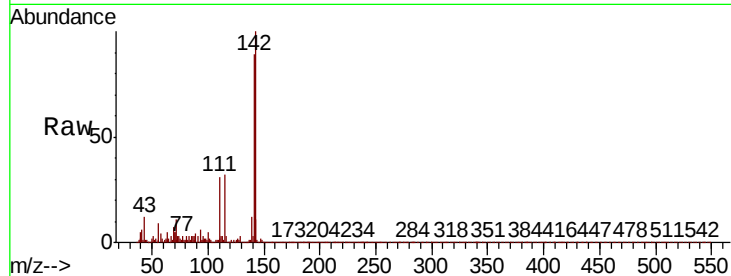




#34
 2-Methylnaphthalene
 Concen: 11.330 ng/ul
 RT: 12.07 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BP002159.D
 Acq: 10 Mar 2020 20:12

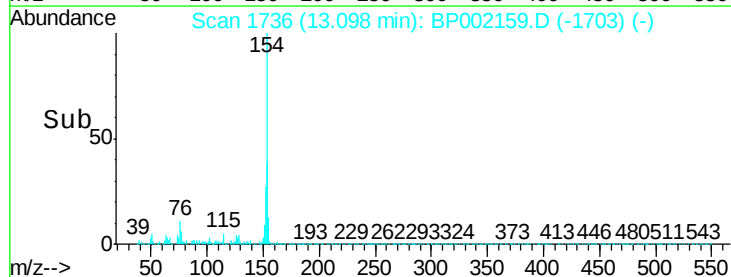
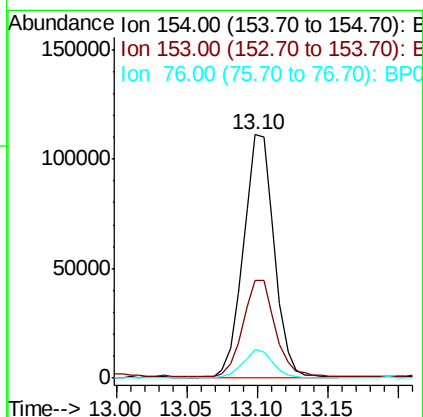
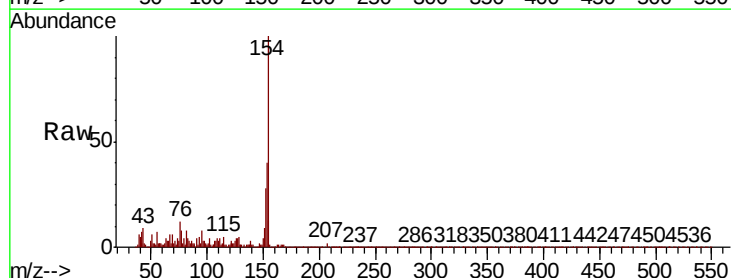
Instrument :
 BNA_P
 ClientSampleId :
 CB5T2

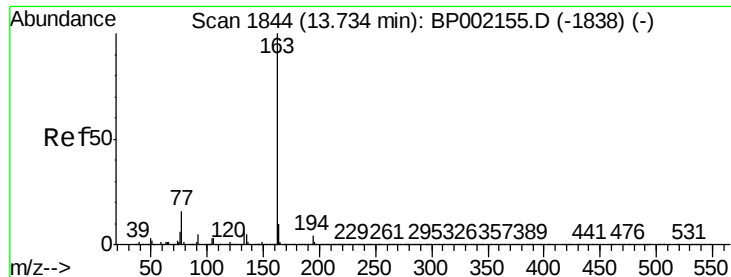
Tot Ion:142 Resp: 540299
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.8 106.2



#41
 1,1'-Biphenyl
 Concen: 2.632 ng/ul
 RT: 13.10 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BP002159.D
 Acq: 10 Mar 2020 20:12

Tgt Ion:154 Resp: 168696
 Ion Ratio Lower Upper
 154 100
 153 40.0 32.0 48.0
 76 11.5 8.9 13.3





#45

Dimethylphthalate

Concen: 9.580 ng/ul

RT: 13.73 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BP002159.D

Acq: 10 Mar 2020 20:12

Instrument :

BNA_P

ClientSampleId :

CB5T2

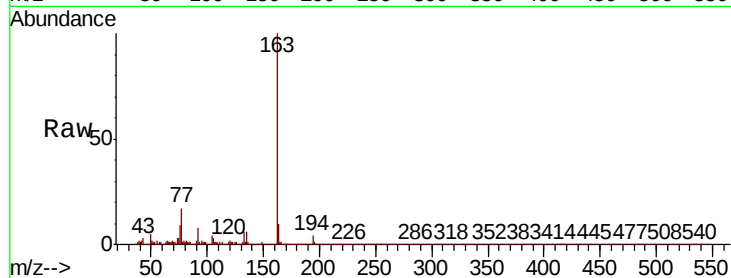
Tot Ion:163 Resp: 616646

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

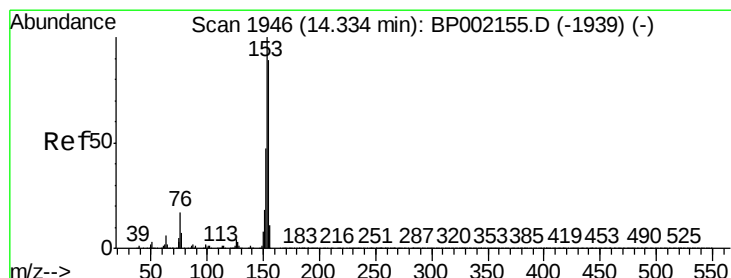
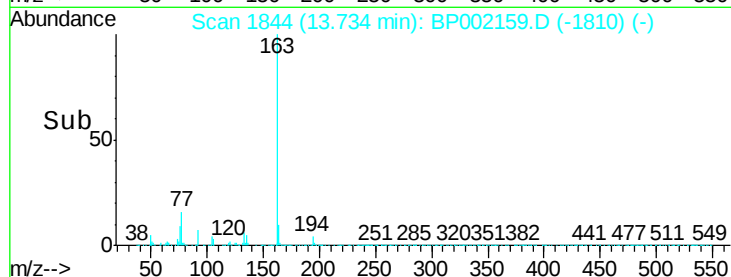
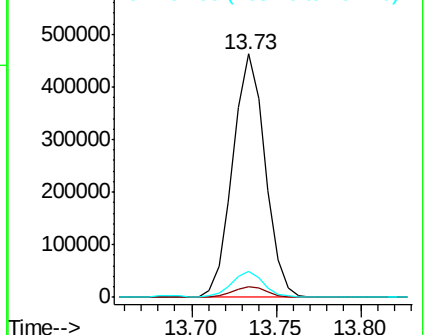
164 10.5 8.2 12.4



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



#50

Acenaphthene

Concen: 23.168 ng/ul

RT: 14.34 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BP002159.D

Acq: 10 Mar 2020 20:12

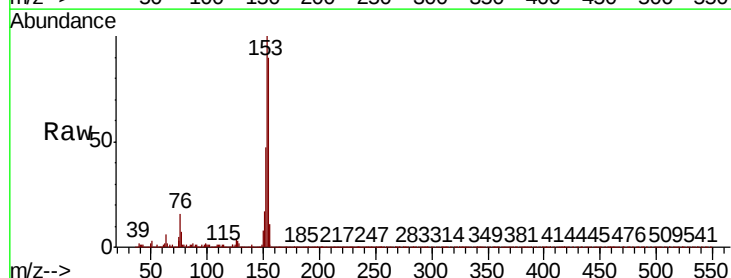
Tgt Ion:153 Resp: 1231787

Ion Ratio Lower Upper

153 100

152 47.0 37.1 55.7

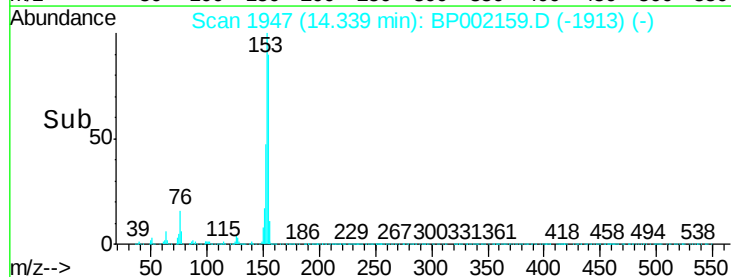
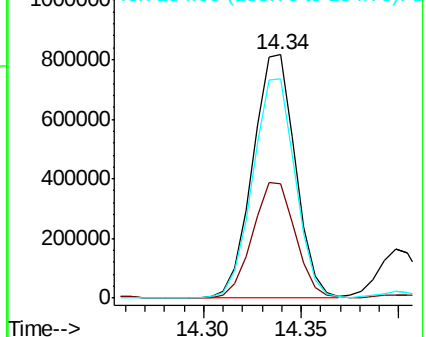
154 90.1 70.5 105.7

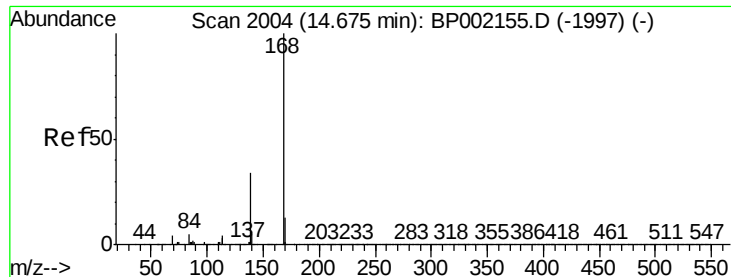


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 14.481 ng/ul

RT: 14.67 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BP002159.D

Acq: 10 Mar 2020 20:12

Instrument :

BNA_P

ClientSampleId :

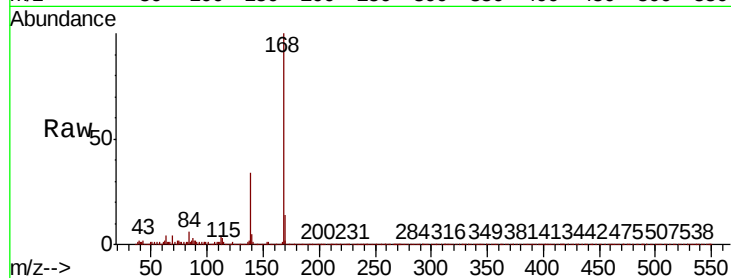
CB5T2

Tot Ion:168 Resp: 1087463

Ion Ratio Lower Upper

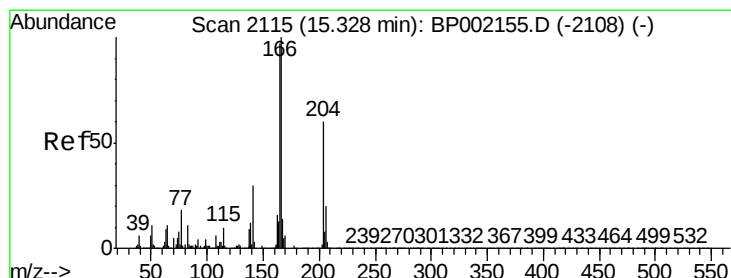
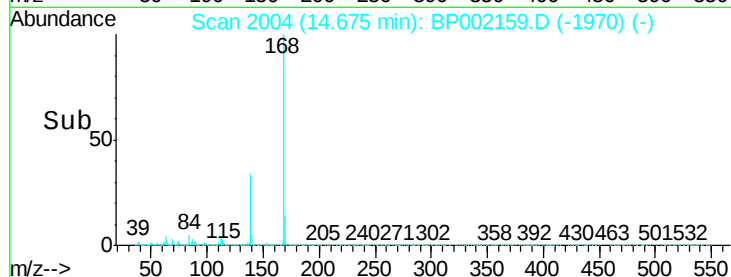
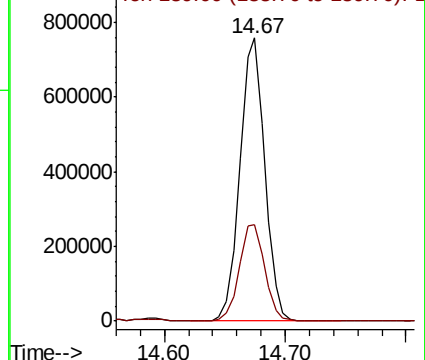
168 100

139 34.3 28.3 42.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 17.002 ng/ul

RT: 15.33 min Scan# 2115

Delta R.T. -0.00 min

Lab File: BP002159.D

Acq: 10 Mar 2020 20:12

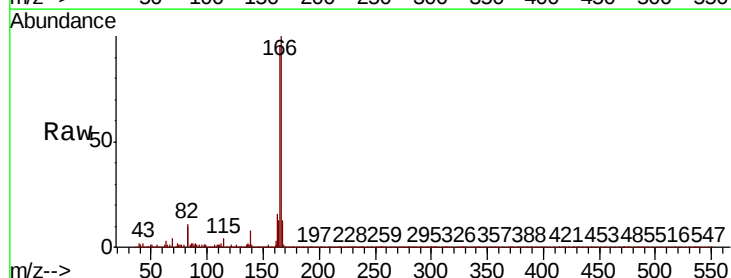
Tgt Ion:166 Resp: 1020301

Ion Ratio Lower Upper

166 100

165 96.1 78.1 117.1

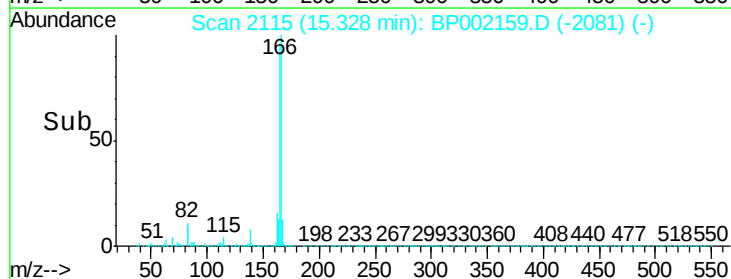
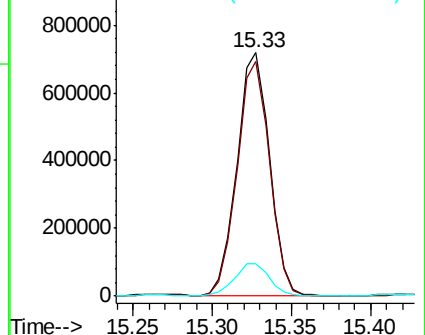
167 13.3 10.7 16.1

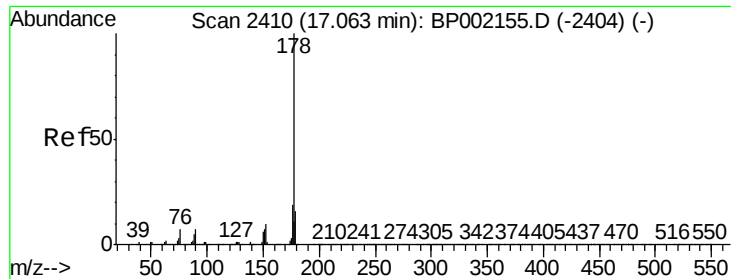


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

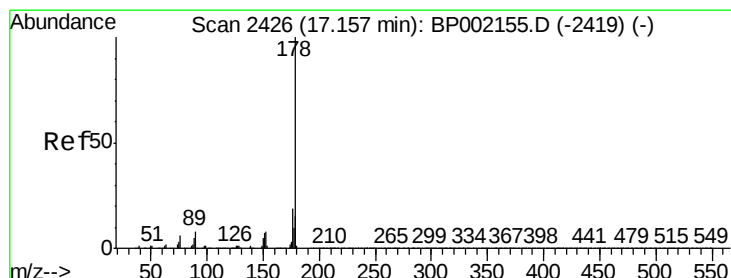
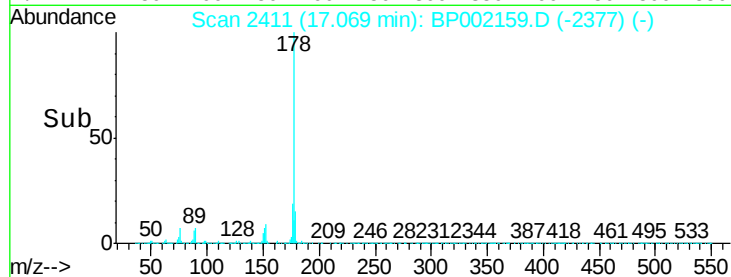
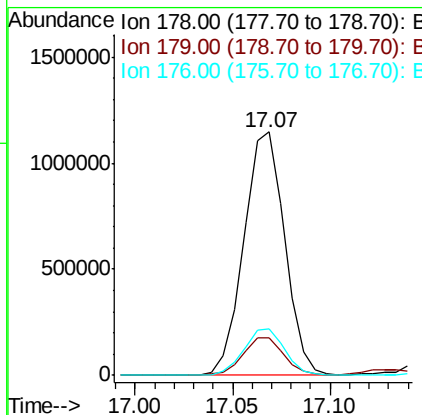
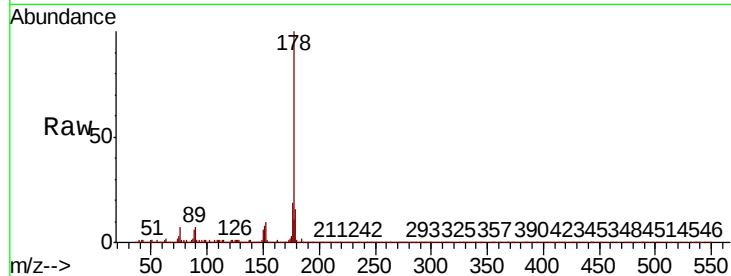




#70
Phenanthrene
Concen: 16.670 ng/ul
RT: 17.07 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BP002159.D
Acq: 10 Mar 2020 20:12

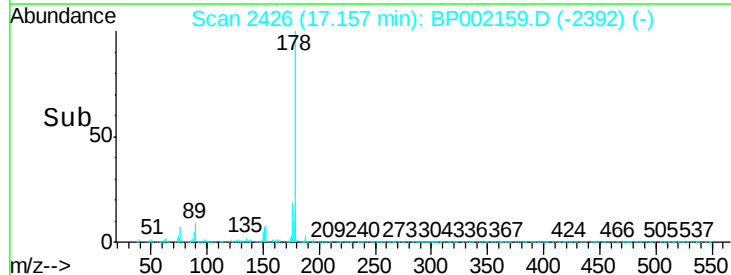
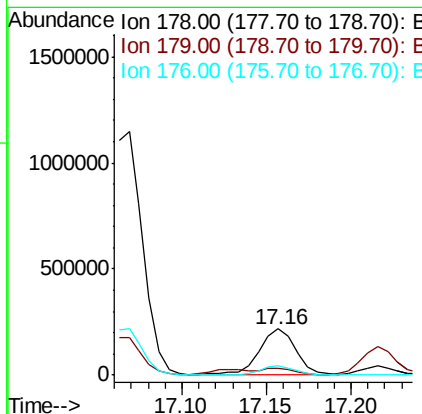
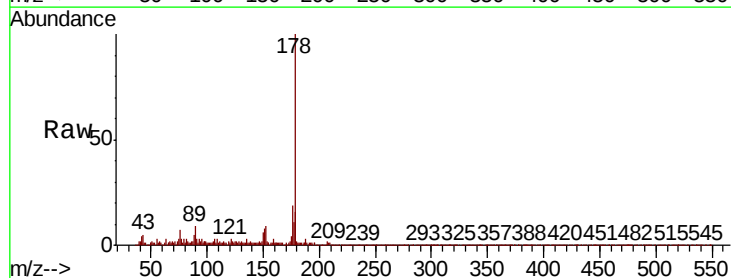
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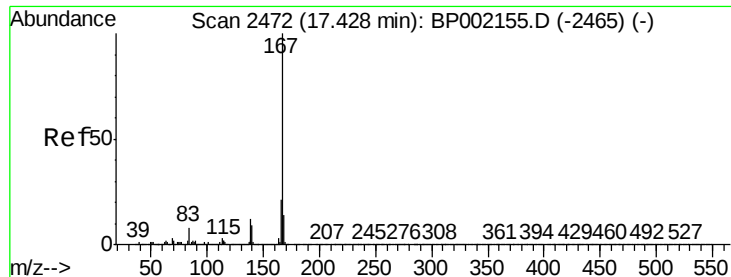
Tot Ion:178 Resp: 1653181
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.2 14.9 22.3



#72
Anthracene
Concen: 3.245 ng/ul
RT: 17.16 min Scan# 2426
Delta R.T. -0.00 min
Lab File: BP002159.D
Acq: 10 Mar 2020 20:12

Tgt Ion:178 Resp: 318586
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.2 14.6 22.0





#75

Carbazole

Concen: 10.559 ng/ul

RT: 17.43 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BP002159.D

Acq: 10 Mar 2020 20:12

Instrument :

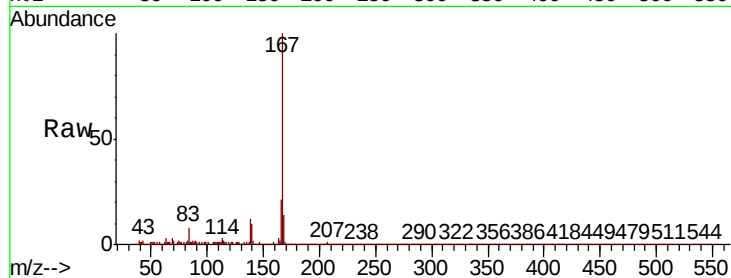
BNA_P

ClientSampleId :

CB5T2

Tot Ion:167 Resp: 873047

Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.2	25.8
139	12.3	10.1	15.1

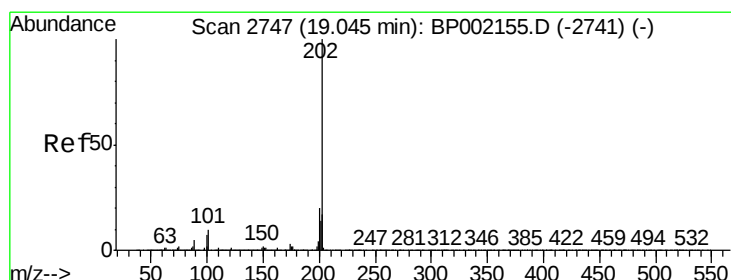
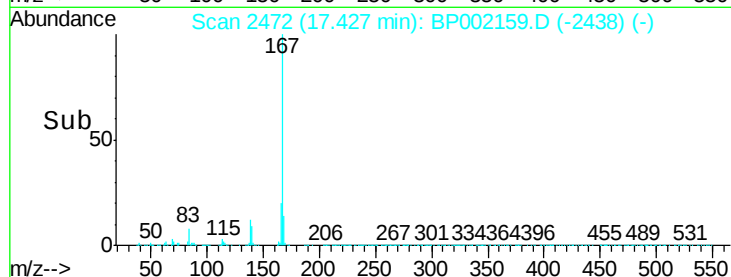
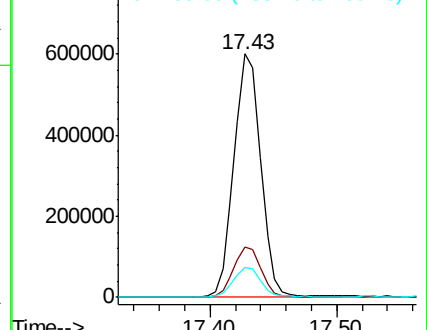


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 2.331 ng/ul

RT: 19.05 min Scan# 2747

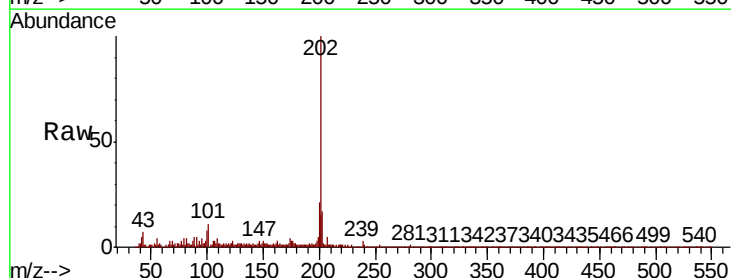
Delta R.T. -0.00 min

Lab File: BP002159.D

Acq: 10 Mar 2020 20:12

Tgt Ion:202 Resp: 266665

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.2	12.2
100	7.6	6.3	9.5

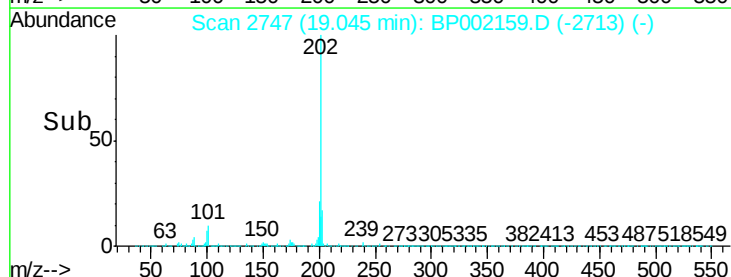
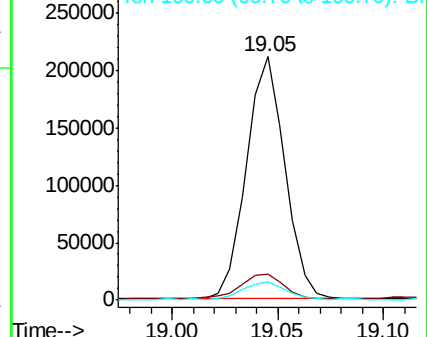


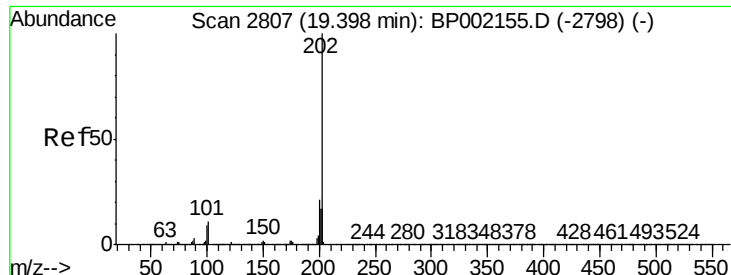
Abundance

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): E





#80

Pvrene

Concen: 1.308 ng/ul

RT: 19.40 min Scan# 2807

Delta R.T. -0.00 min

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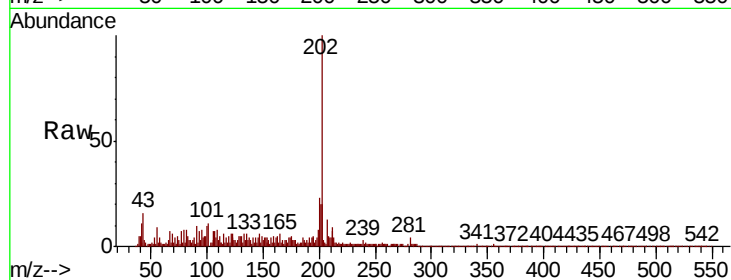
Tot Ion: 202 Resp: 145697

Ion Ratio Lower Upper

202 100

101 11.1 9.3 13.9

100 10.0 7.6 11.4



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

