

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101320\
 Data File : BN012175.D
 Acq On : 14 Oct 2020 00:15
 Operator : CG/JU
 Sample : L4359-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB7P3

Quant Time: Oct 14 03:26:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100920.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 14 03:20:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	293025	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1183031	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	745640	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	1601549	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	1536506	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	1565299	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	40319	6.08	ng/uL	0.00
5) Phenol-d5	6.81	99	117953	4.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	289131	18.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	332754	16.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	227305	11.11	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	189923	19.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	209834	19.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	396518	19.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	485439	19.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	1349228	22.10	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1590719	22.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	42569	3.74	ng/ul	0.01
58) Fluorene-d10	15.27	176	1143026	21.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	126793	11.95	ng/ul	0.00
71) Anthracene-d10	17.12	188	1770946	22.59	ng/ul	0.00
79) Pyrene-d10	19.42	212	1986627	24.77	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	2070552	23.44	ng/ul	0.00

Target Compounds

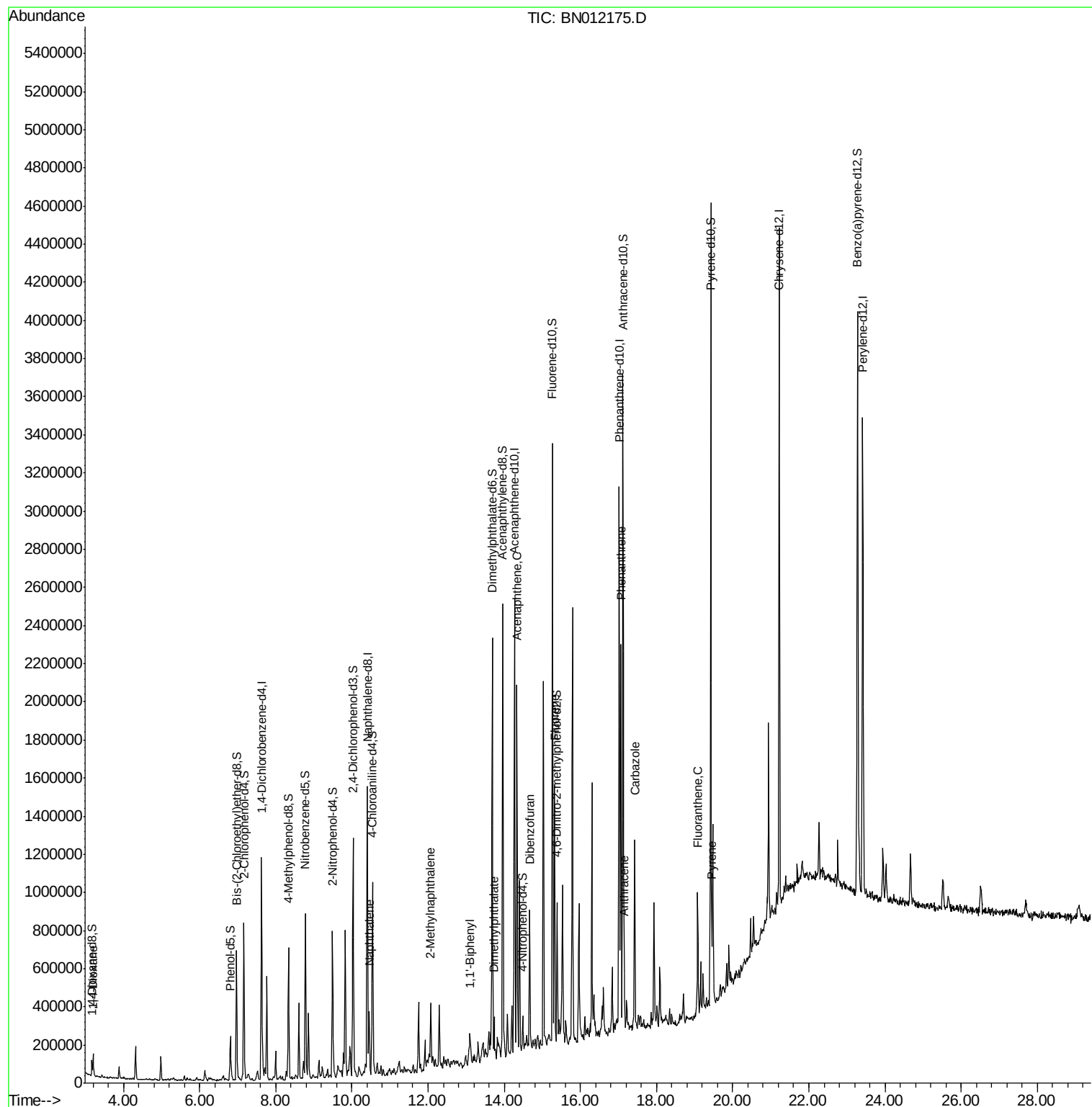
					Ovalue	
2) 1,4-Dioxane	3.20	88	53338	7.110	ng/uL	95
28) Naphthalene	10.45	128	225371	3.252	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	147254	3.092	ng/ul	97
41) 1,1'-Biphenyl	13.10	154	62609	1.014	ng/ul	99
45) Dimethylphthalate	13.73	163	127697	2.004	ng/ul	97
50) Acenaphthene	14.33	153	719812	13.560	ng/ul	98
54) Dibenzofuran	14.67	168	411006	5.560	ng/ul	97
59) Fluorene	15.32	166	544459	8.758	ng/ul	97
70) Phenanthrene	17.06	178	1102907	11.284	ng/ul	99
72) Anthracene	17.15	178	189259	1.901	ng/ul	96
75) Carbazole	17.43	167	603488	7.124	ng/ul	99
77) Fluoranthene	19.09	202	358008	3.235	ng/ul	97
80) Pyrene	19.45	202	197281	1.800	ng/ul	98

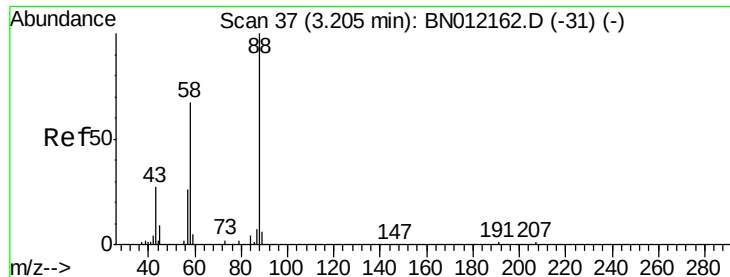
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 7.110 ng/uL

RT: 3.20 min Scan# 37

Delta R.T. 0.00 min

Lab File: BN012175.D

Acq: 14 Oct 2020 00:15

Instrument :

BNA_N

ClientSampled :

CB7P3

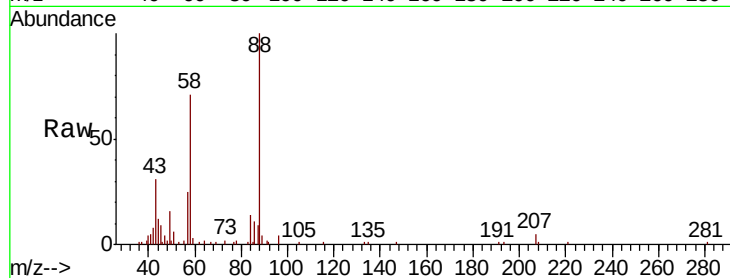
Tot Ion: 88 Resp: 53338

Ion Ratio Lower Upper

88 100

43 31.2 26.5 39.7

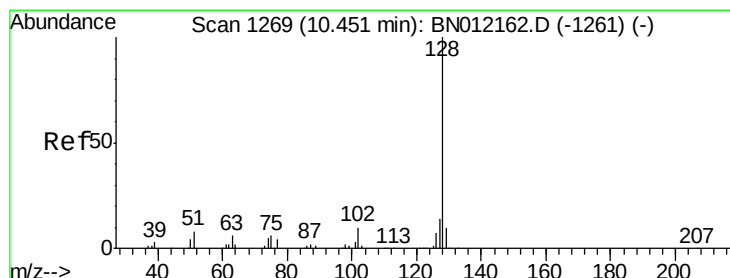
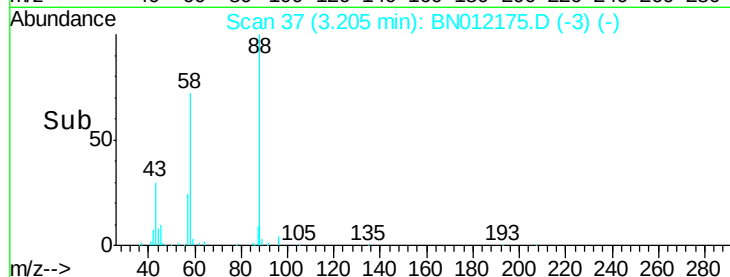
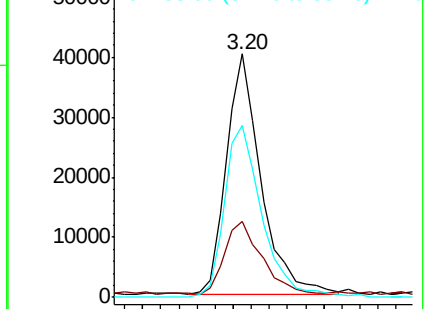
58 70.8 61.0 91.4



Abundance Ion 88.00 (87.70 to 88.70): BN012175.D (-3) (-)

Ion 43.00 (42.70 to 43.70): BN012175.D (-3) (-)

Ion 58.00 (57.70 to 58.70): BN012175.D (-3) (-)



#28

Naphthalene

Concen: 3.252 ng/uL

RT: 10.45 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BN012175.D

Acq: 14 Oct 2020 00:15

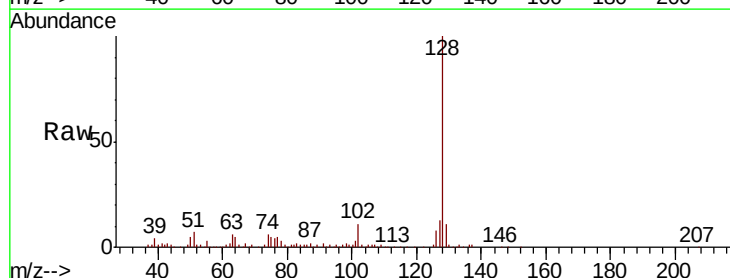
Tgt Ion: 128 Resp: 225371

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

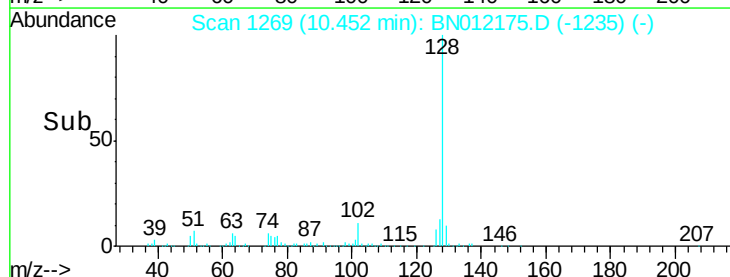
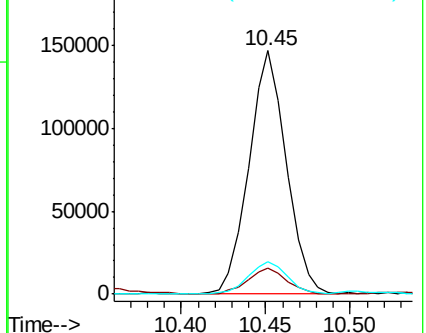
127 13.1 10.7 16.1

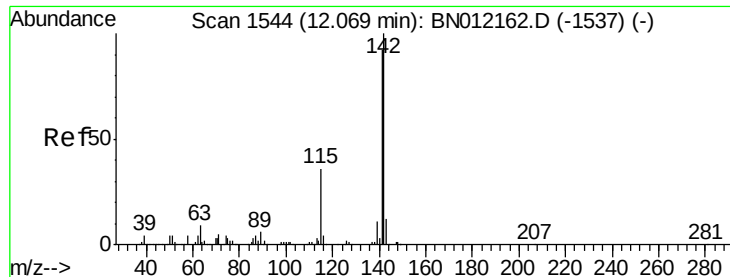


Abundance Ion 128.00 (127.70 to 128.70): BN012175.D (-1235) (-)

Ion 129.00 (128.70 to 129.70): BN012175.D (-1235) (-)

Ion 127.00 (126.70 to 127.70): BN012175.D (-1235) (-)





#34

2-Methylnaphthalene

Concen: 3.092 ng/ul

RT: 12.07 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BN012175.D

Acq: 14 Oct 2020 00:15

Instrument :

BNA_N

ClientSampleId :

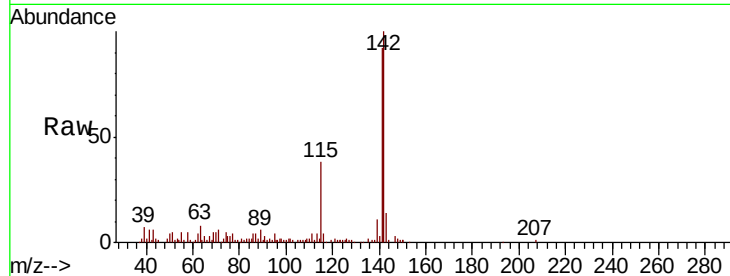
CB7P3

Tot Ion:142 Resp: 147254

Ion Ratio Lower Upper

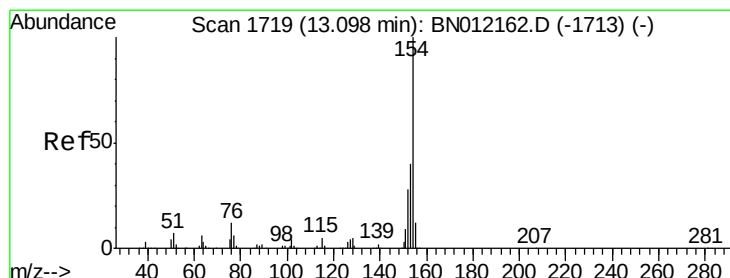
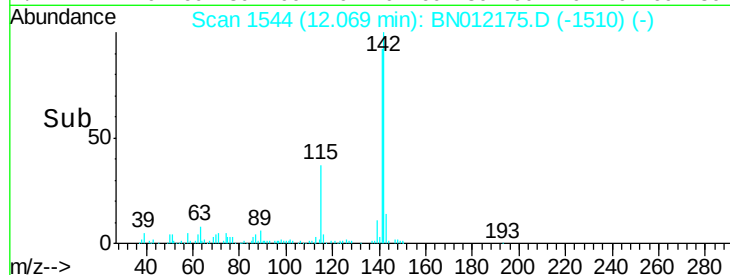
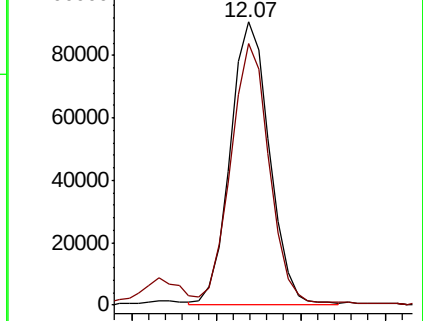
142 100

141 92.4 75.9 113.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#41

1,1'-Biphenyl

Concen: 1.014 ng/ul

RT: 13.10 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BN012175.D

Acq: 14 Oct 2020 00:15

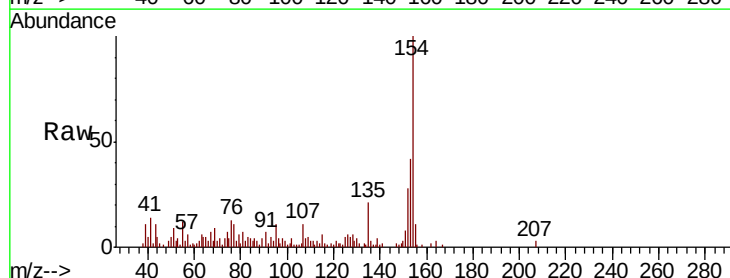
Tgt Ion:154 Resp: 62609

Ion Ratio Lower Upper

154 100

153 42.0 33.9 50.9

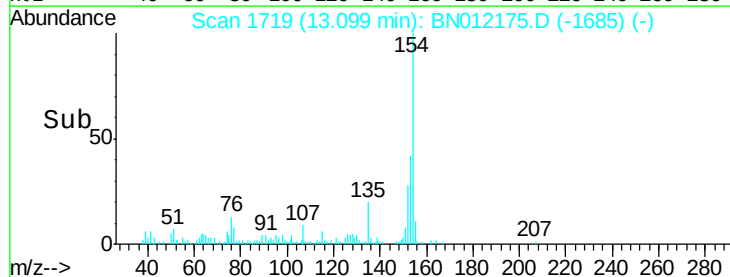
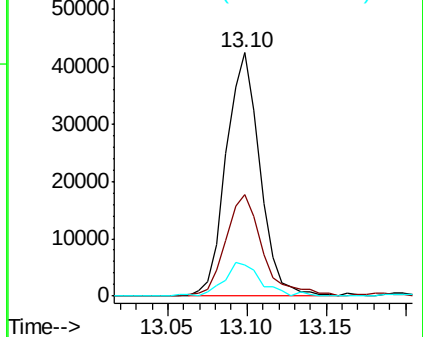
76 12.7 9.8 14.8

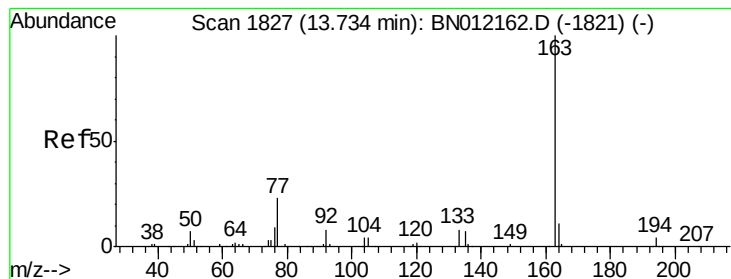


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC





#45

Dimethylphthalate

Concen: 2.004 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BN012175.D

Acq: 14 Oct 2020 00:15

Instrument :

BNA_N

ClientSampleId :

CB7P3

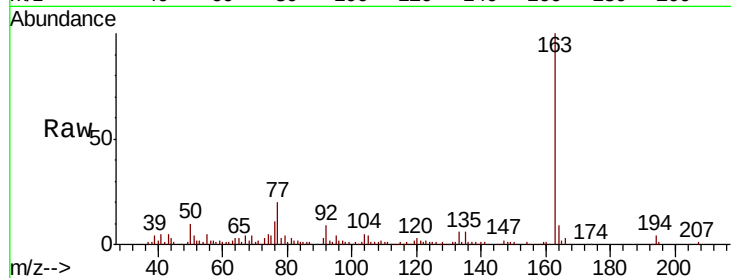
Tot Ion:163 Resp: 127697

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

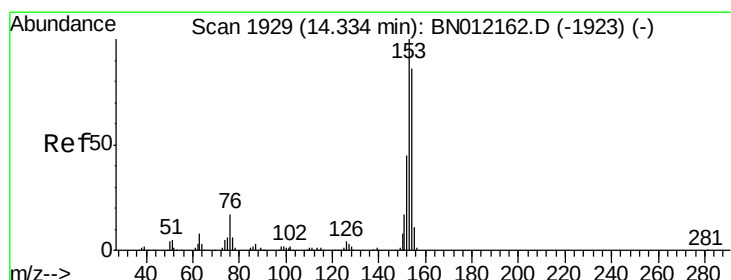
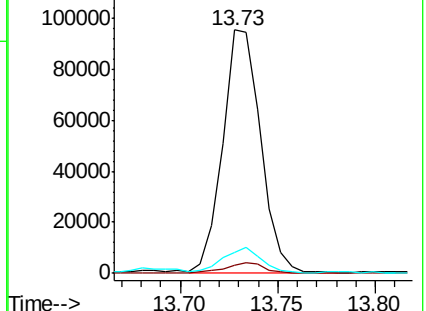
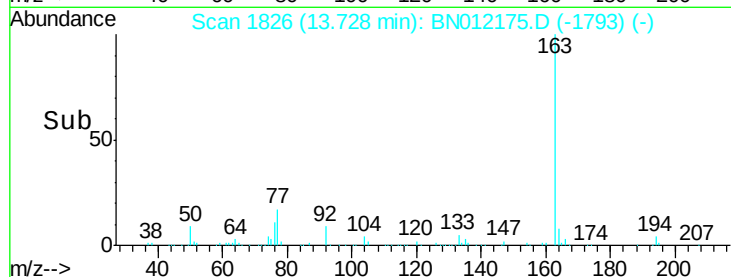
164 8.8 7.8 11.8



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: 13.560 ng/ul

RT: 14.33 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BN012175.D

Acq: 14 Oct 2020 00:15

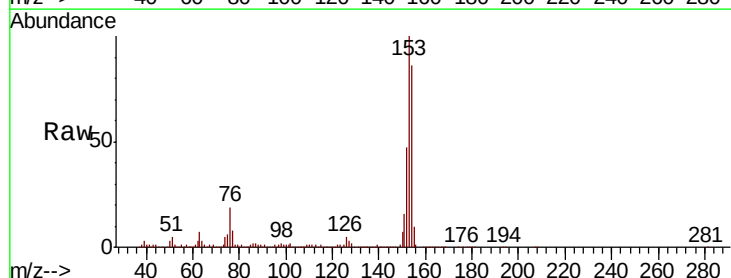
Tgt Ion:153 Resp: 719812

Ion Ratio Lower Upper

153 100

152 46.6 35.9 53.9

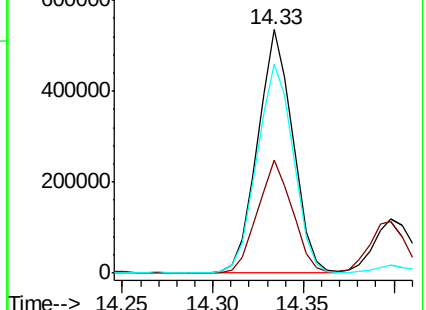
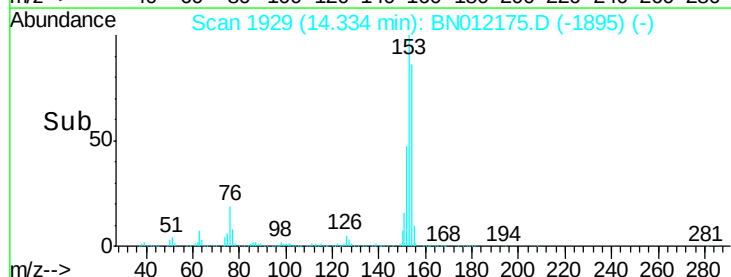
154 86.0 70.2 105.2

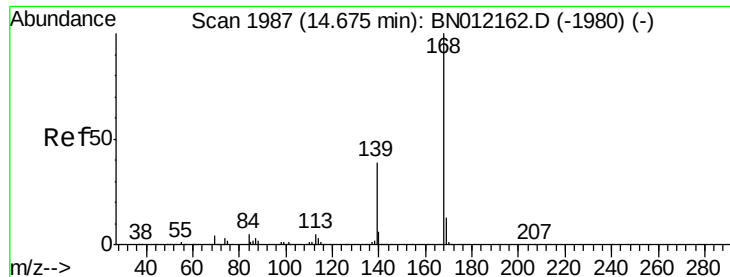


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 5.560 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BN012175.D

Acq: 14 Oct 2020 00:15

Instrument :

BNA_N

ClientSampleId :

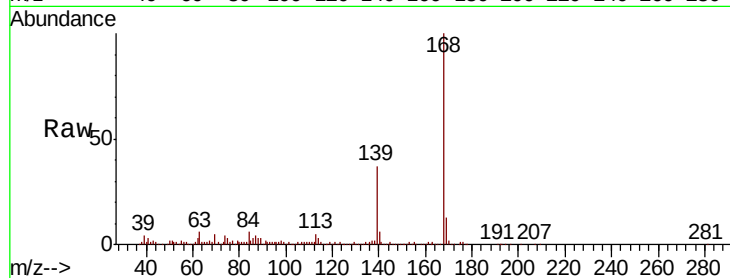
CB7P3

Tot Ion:168 Resp: 411006

Ion Ratio Lower Upper

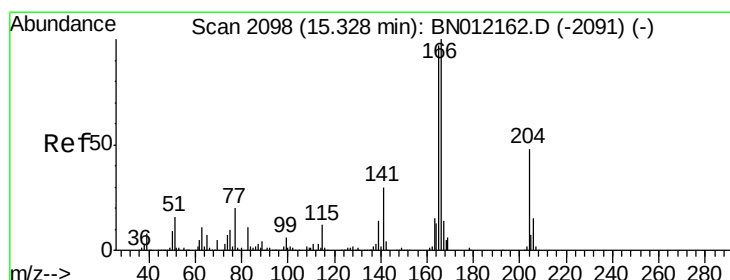
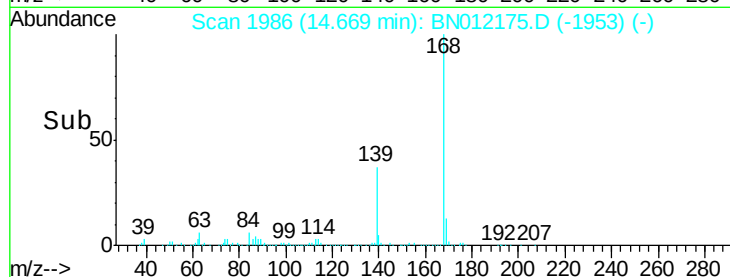
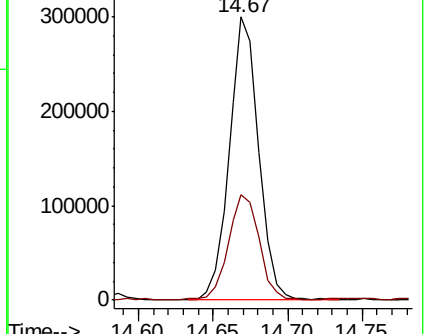
168 100

139 37.4 31.5 47.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 8.758 ng/ul

RT: 15.32 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BN012175.D

Acq: 14 Oct 2020 00:15

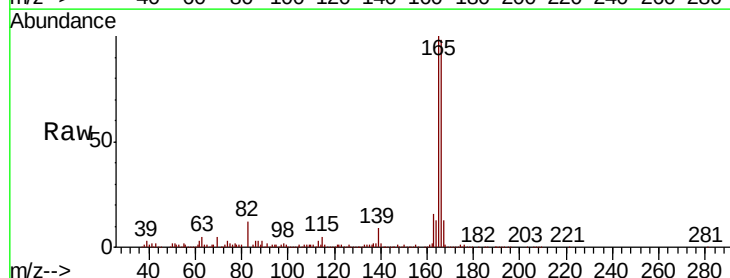
Tgt Ion:166 Resp: 544459

Ion Ratio Lower Upper

166 100

165 102.5 79.0 118.6

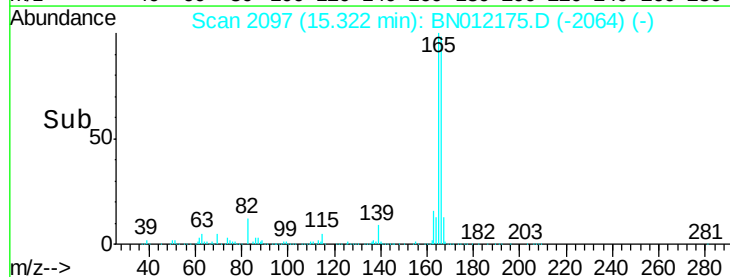
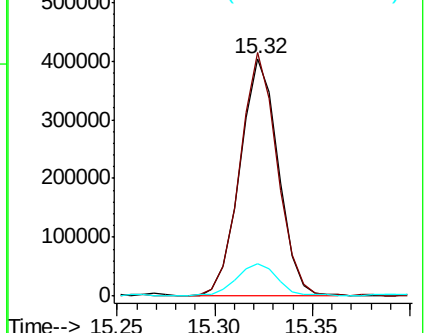
167 13.4 10.5 15.7

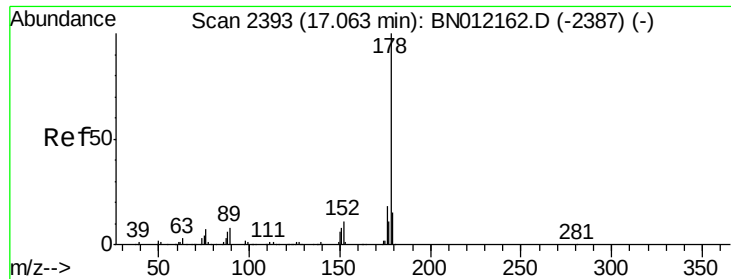


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 11.284 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BN012175.D

Acq: 14 Oct 2020 00:15

Instrument :

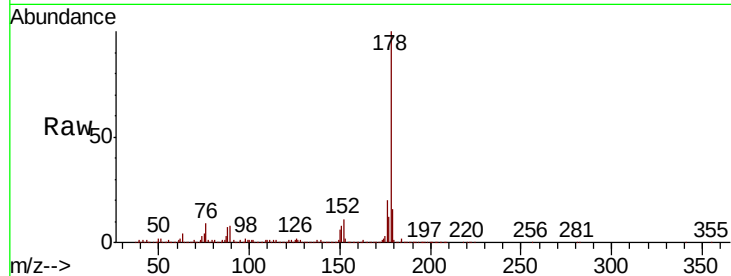
BNA_N

ClientSampleId :

CB7P3

Tot Ion:178 Resp: 1102907

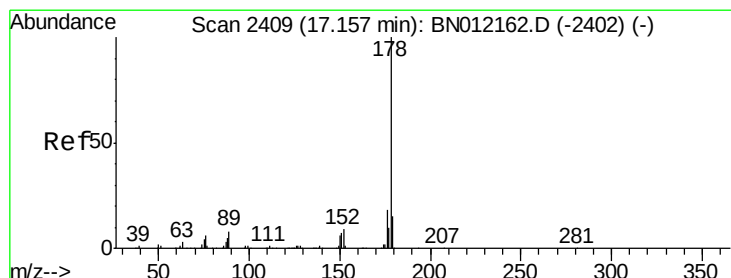
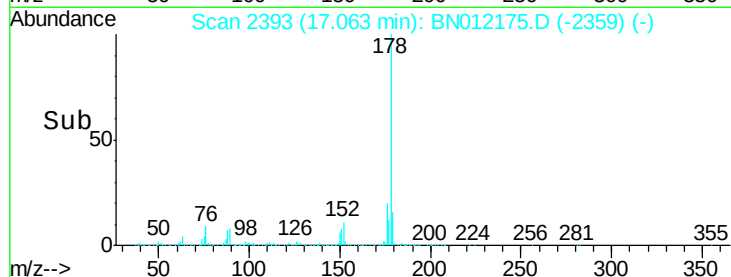
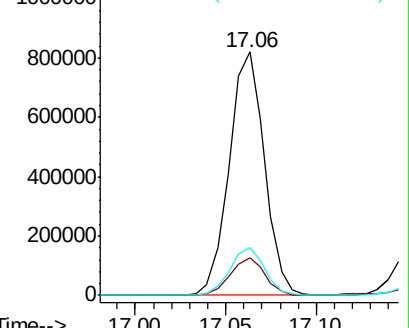
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	19.9	15.4	23.2



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



#72

Anthracene

Concen: 1.901 ng/ul

RT: 17.15 min Scan# 2408

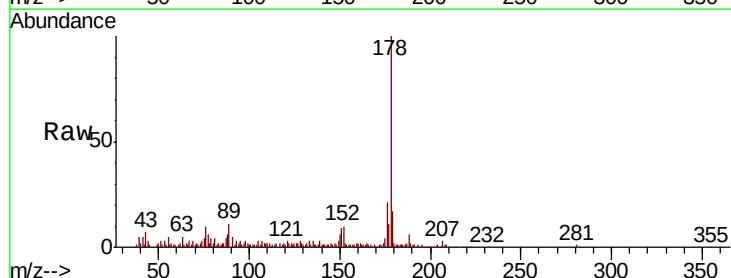
Delta R.T. -0.01 min

Lab File: BN012175.D

Acq: 14 Oct 2020 00:15

Tgt Ion:178 Resp: 189259

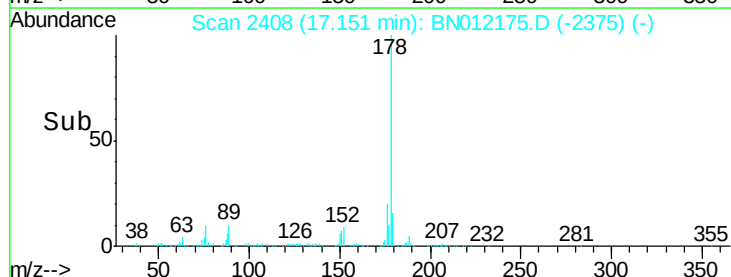
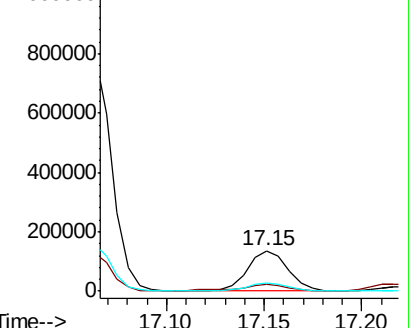
Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.8	19.2
176	20.9	15.0	22.6

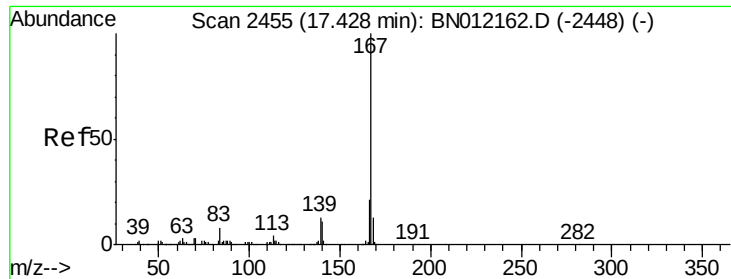


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

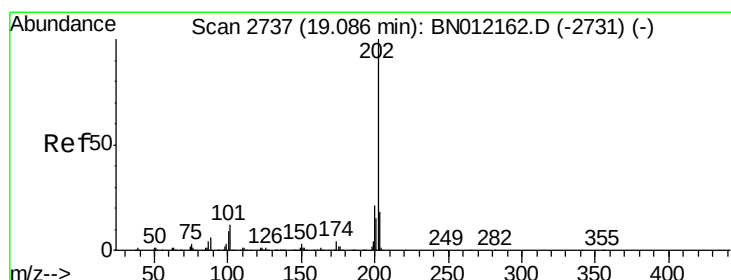
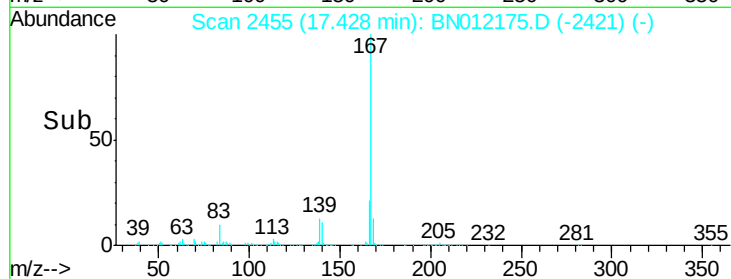
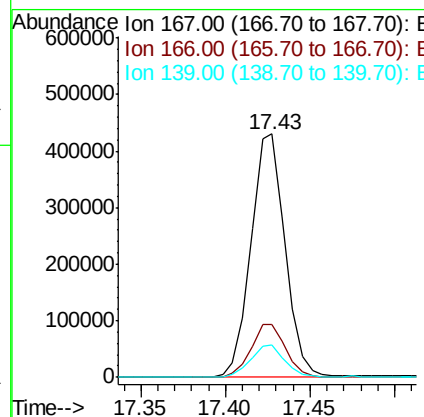
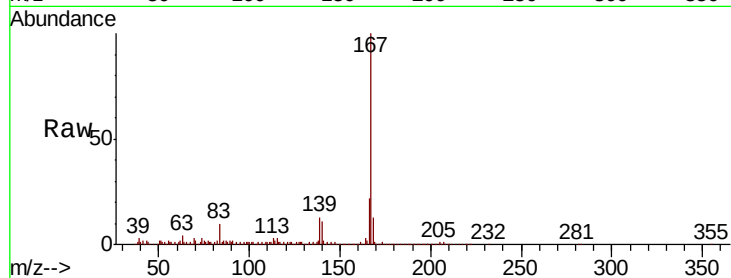




#75
 Carbazole
 Concen: 7.124 ng/ul
 RT: 17.43 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: BN012175.D
 Acq: 14 Oct 2020 00:15

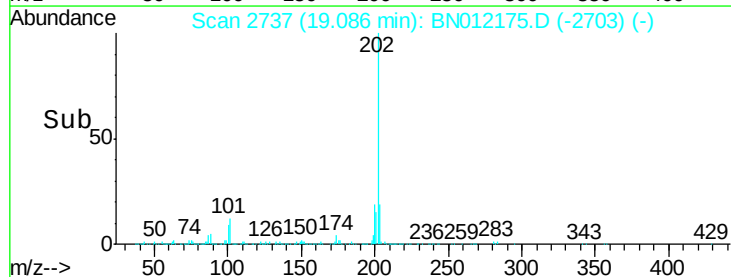
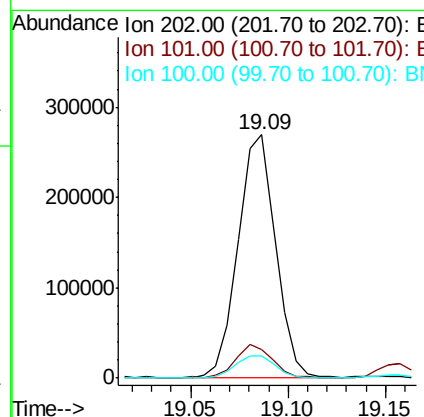
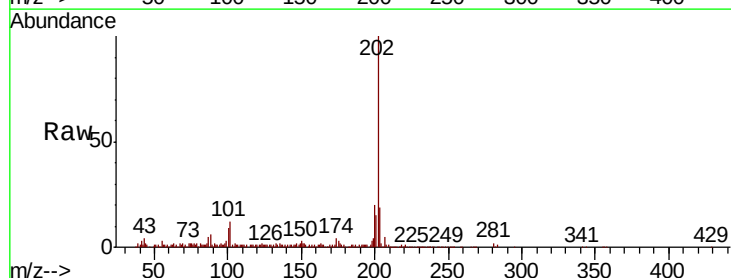
Instrument :
 BNA_N
 ClientSampleId :
 CB7P3

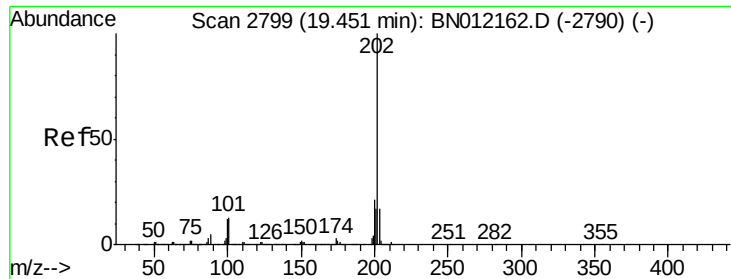
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	13.2	10.9	16.3



#77
 Fluoranthene
 Concen: 3.235 ng/ul
 RT: 19.09 min Scan# 2737
 Delta R.T. 0.00 min
 Lab File: BN012175.D
 Acq: 14 Oct 2020 00:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.6	13.0
100	9.0	6.6	9.8





#80

Pvrene

Concen: 1.800 ng/ul

RT: 19.45 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BN012175.D

Acq: 14 Oct 2020 00:15

Instrument :

BNA_N

ClientSampleId :

CB7P3

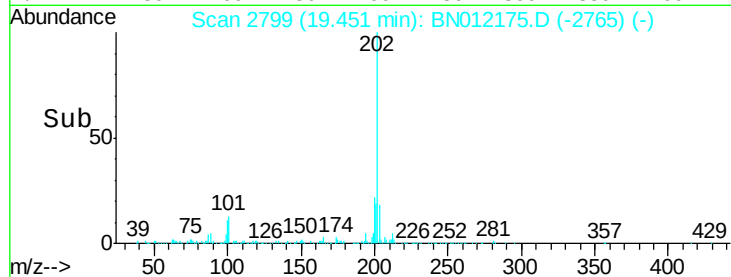
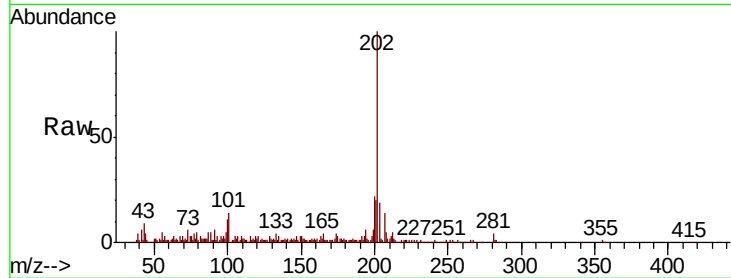
Tot Ion:202 Resp: 197281

Ion Ratio Lower Upper

202 100

101 13.6 10.2 15.2

100 10.7 8.8 13.2



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

