

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
 Data File : BP004252.D
 Acq On : 12 Dec 2020 11:11
 Operator : CG/JU
 Sample : L5063-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AD8

Quant Time: Dec 14 00:58:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 10 13:52:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	332927	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	1314313	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	732771	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1484066	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	1589265	20.00	ng/ul	0.01
86) Perylene-d12	23.70	264	1858478	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	23849	2.52	ng/uL	0.00
5) Phenol-d5	6.99	99	421818	15.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	257985	15.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	334480	16.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	322469	15.50	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	169732	15.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	153789	17.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	314923	16.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	296768	12.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	923406	16.49	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1269692	17.76	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	131582	13.91	ng/ul	0.00
58) Fluorene-d10	15.47	176	836922	16.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	96370	13.53	ng/ul	0.00
71) Anthracene-d10	17.33	188	1314701	18.18	ng/ul	0.00
79) Pyrene-d10	19.57	212	1524589	18.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	1742561	17.80	ng/ul	0.03

Target Compounds

					Ovalue	
14) Acetophenone	8.64	105	43493	1.322	ng/ul#	43
28) Naphthalene	10.67	128	219899	2.951	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	452408	9.025	ng/ul	98
35) 1-Methylnaphthalene	12.51	142	276434	4.749	ng/ul#	99
41) 1,1'-Biphenyl	13.30	154	367840	5.986	ng/ul	99
45) Dimethylphthalate	13.93	163	128901	2.260	ng/ul#	89
49) 3-Nitroaniline	14.39	138	16632	1.769	ng/ul#	29
53) 4-Nitrophenol	14.67	109	15256	2.185	ng/ul#	6
54) Dibenzofuran	14.87	168	84719	1.197	ng/ul#	36
55) 2,4-Dinitrotoluene	14.88	165	30924	2.051	ng/ul#	71
65) N-Nitrosodiphenylamine	15.75	169	414895	9.399	ng/ul#	39
68) Atrazine	16.70	200	21750	1.420	ng/ul#	50
70) Phenanthrene	17.28	178	1146436	13.094	ng/ul#	95
77) Fluoranthene	19.25	202	431309	4.614	ng/ul#	93
80) Pyrene	19.60	202	2262344	21.103	ng/ul	98
83) Benzo(a)anthracene	21.32	228	347009	3.312	ng/ul#	22
84) Bis(2-ethylhexyl)phthalate	21.25	149	125038	2.610	ng/ul#	32
85) Chrysene	21.37	228	419598	4.083	ng/ul#	66
88) Benzo(b)fluoranthene	22.99	252	394956	3.351	ng/ul#	17
91) Benzo(a)pyrene	23.60	252	285052	2.592	ng/ul#	24
92) Indeno(1,2,3-cd)pyrene	26.13	276	157896	1.145	ng/ul#	58
94) Benzo(a,h,i)perylene	26.88	276	225914	1.952	ng/ul#	72

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
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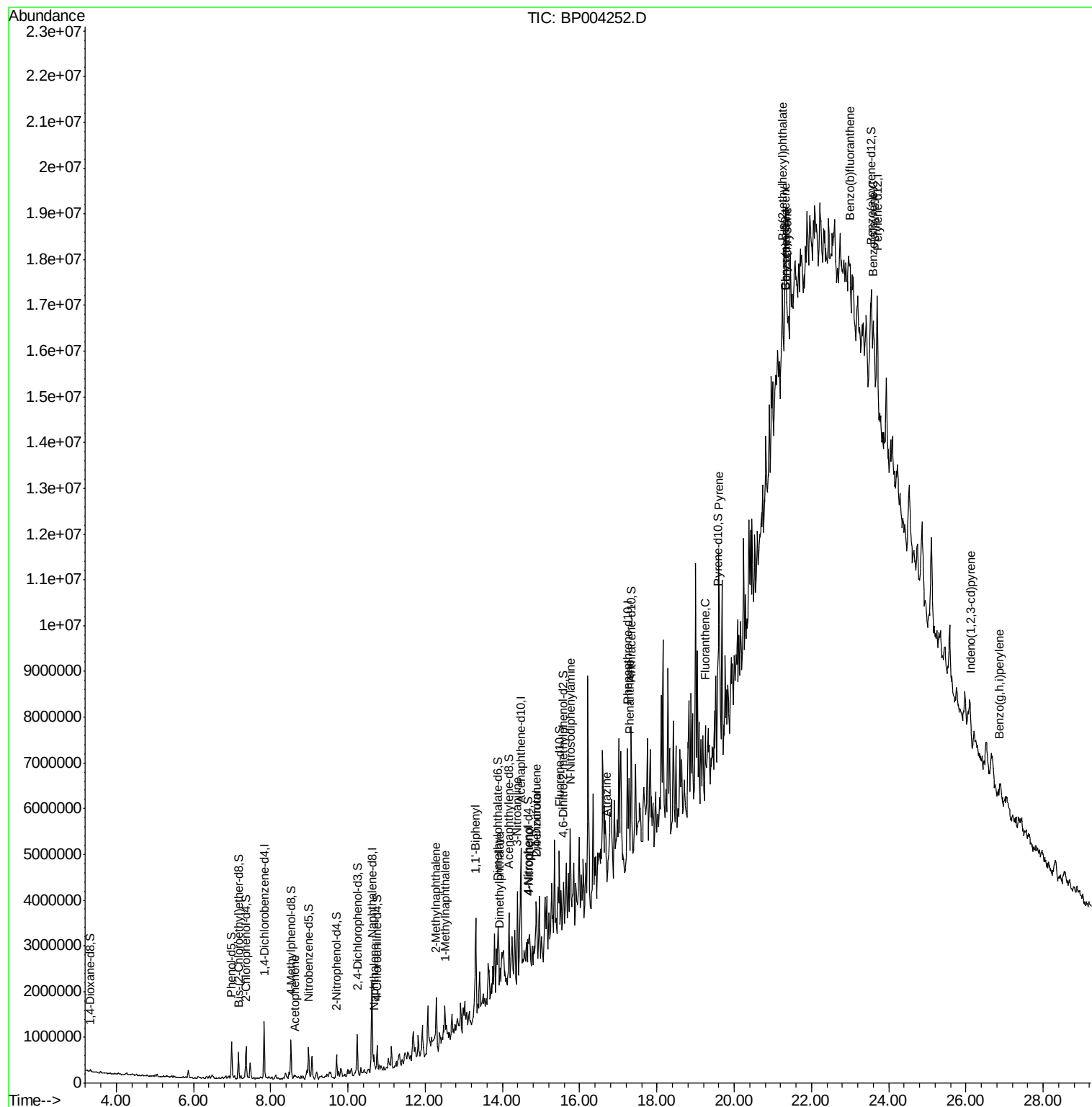
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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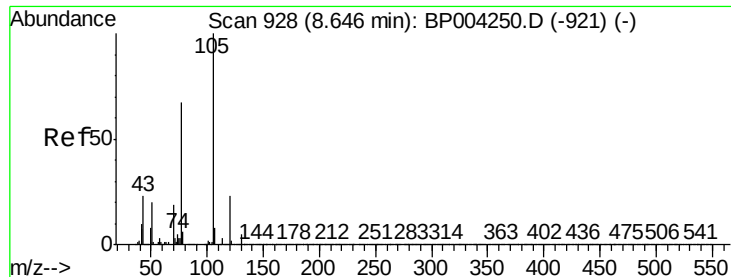
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BP004252.D
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Operator : CG/JU
Sample : L5063-06
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampled :
C0AD8

Quant Time: Dec 14 00:58:37 2020
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QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration





#14

Acetophenone

Concen: 1.322 ng/ul

RT: 8.64 min Scan# 927

Delta R.T. -0.01 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

Instrument :

BNA_P

ClientSampleId :

C0AD8

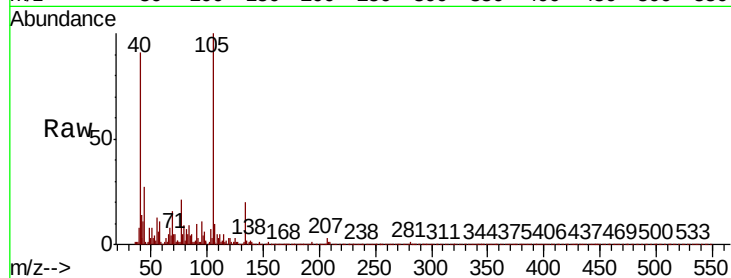
Tot Ion:105 Resp: 43493

Ion Ratio Lower Upper

105 100

77 21.1 61.1 91.7#

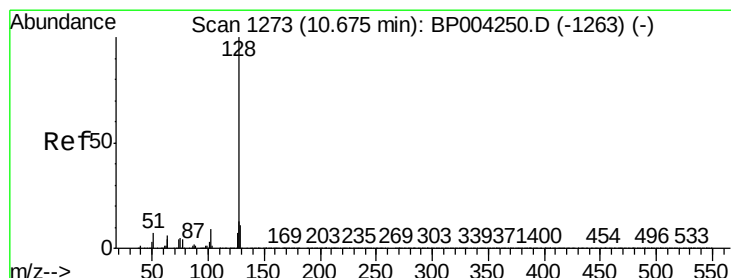
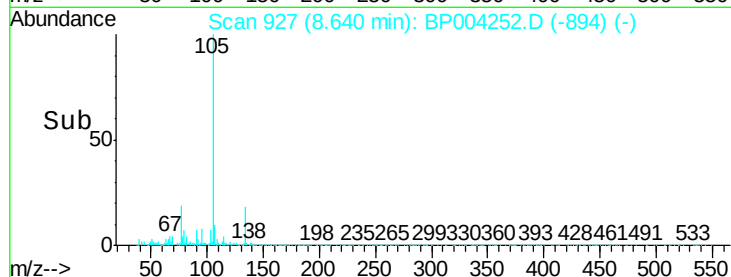
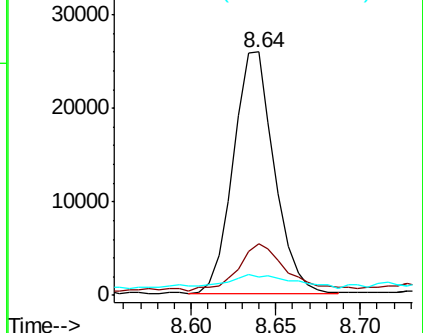
51 7.7 18.5 27.7#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#28

Naphthalene

Concen: 2.951 ng/ul

RT: 10.67 min Scan# 1273

Delta R.T. -0.00 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

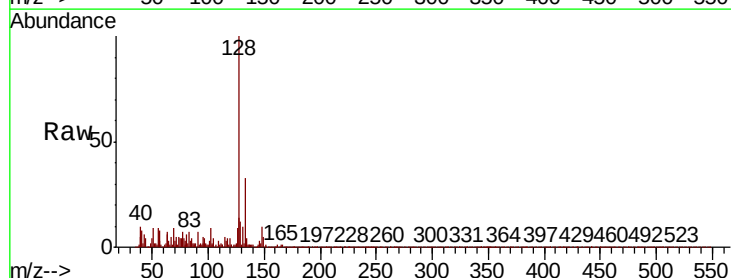
Tgt Ion:128 Resp: 219899

Ion Ratio Lower Upper

128 100

129 12.4 8.8 13.2

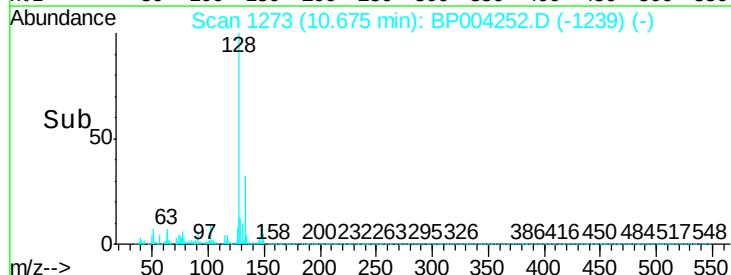
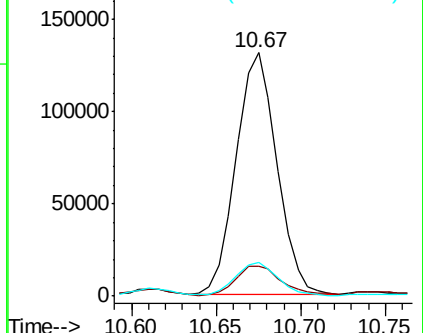
127 13.7 10.6 16.0

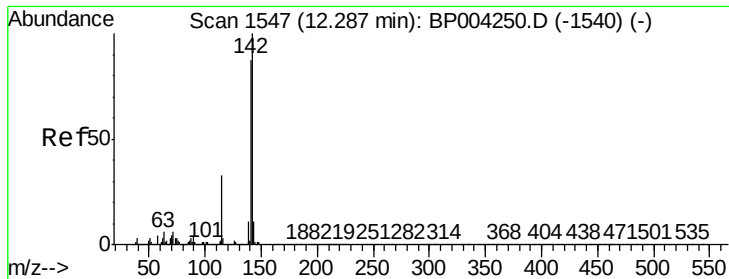


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

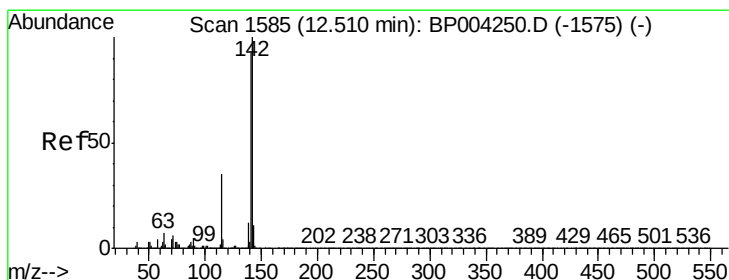
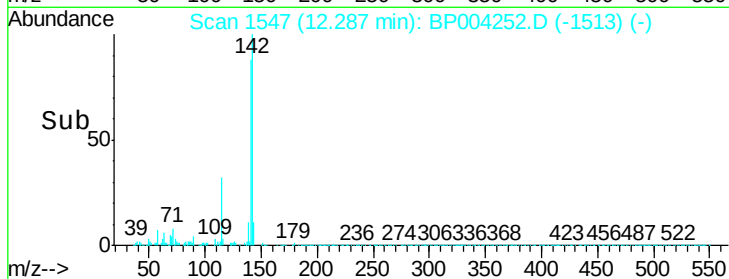
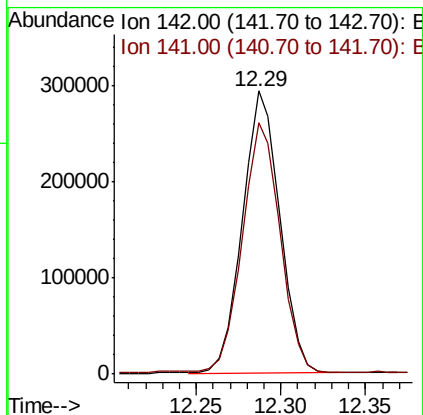
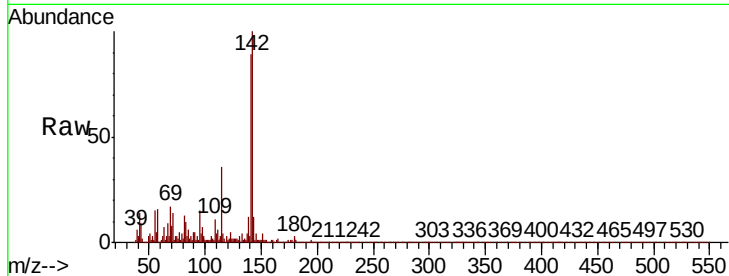




#34
 2-Methylnaphthalene
 Concen: 9.025 ng/ul
 RT: 12.29 min Scan# 1547
 Delta R.T. -0.00 min
 Lab File: BP004252.D
 Acq: 12 Dec 2020 11:11

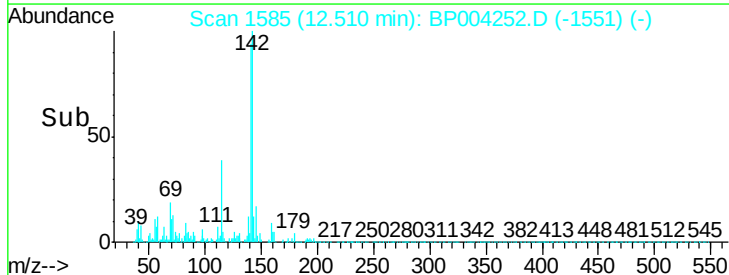
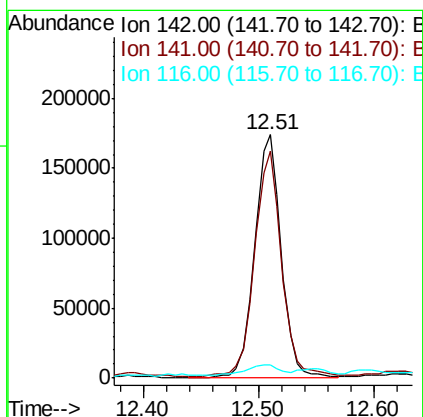
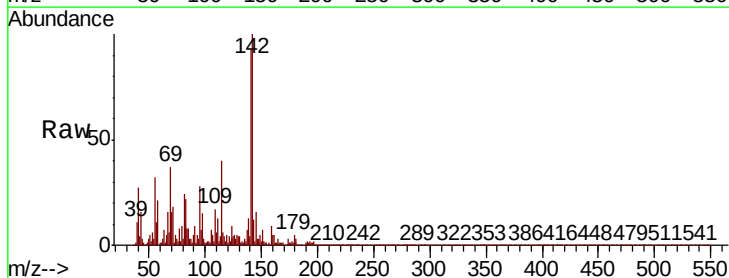
Instrument :
 BNA_P
 ClientSampleId :
 C0AD8

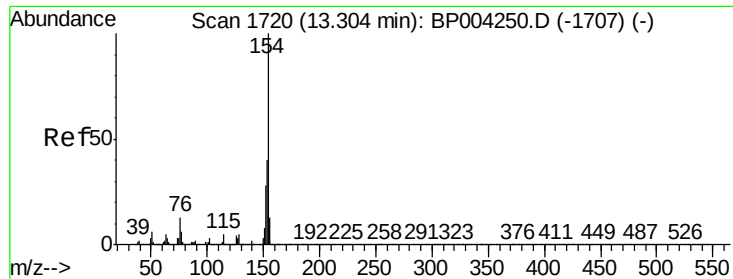
Tot Ion:142 Resp: 452408
 Ion Ratio Lower Upper
 142 100
 141 89.0 69.7 104.5



#35
 1-Methylnaphthalene
 Concen: 4.749 ng/ul
 RT: 12.51 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BP004252.D
 Acq: 12 Dec 2020 11:11

Tgt Ion:142 Resp: 276434
 Ion Ratio Lower Upper
 142 100
 141 93.4 73.8 110.8
 116 5.5 2.8 4.2#





#41

1,1'-Biphenyl

Concen: 5.986 ng/ul

RT: 13.30 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

Instrument :

BNA_P

ClientSampleId :

C0AD8

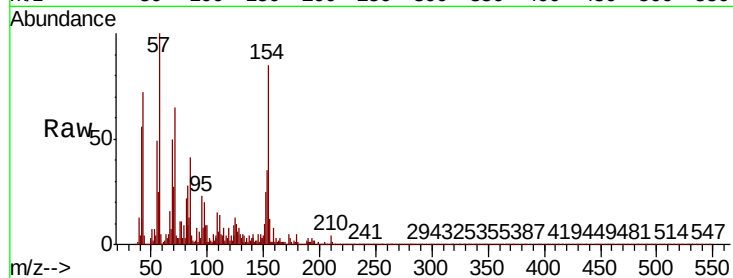
Tot Ion:154 Resp: 367840

Ion Ratio Lower Upper

154 100

153 41.1 32.2 48.2

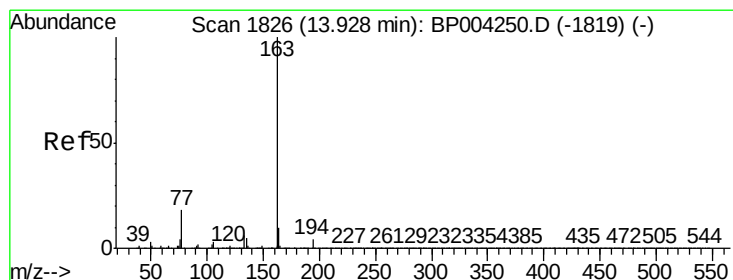
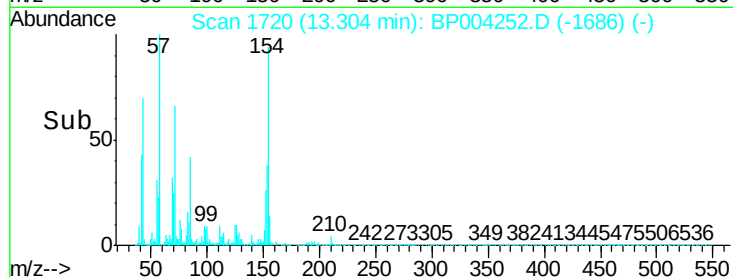
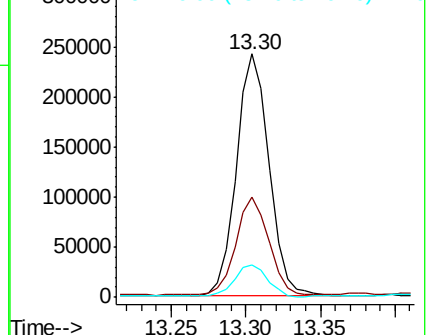
76 13.2 11.0 16.6



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): BP0



#45

Dimethylphthalate

Concen: 2.260 ng/ul

RT: 13.93 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

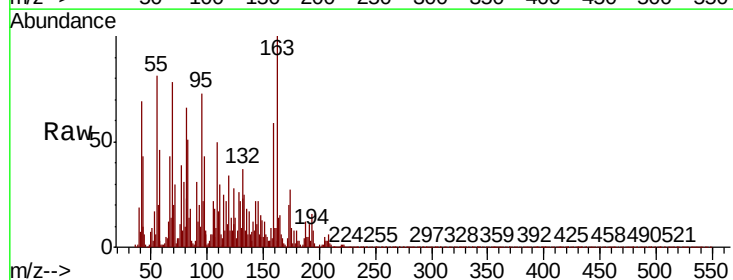
Tgt Ion:163 Resp: 128901

Ion Ratio Lower Upper

163 100

194 8.4 3.4 5.2#

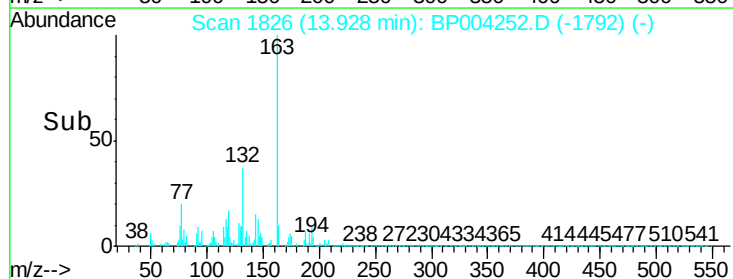
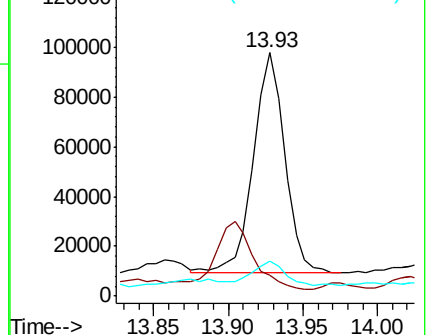
164 14.2 8.4 12.6#

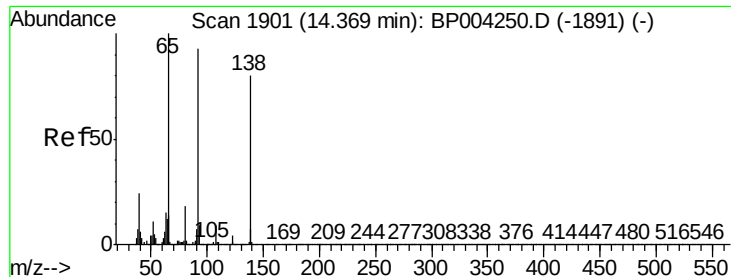


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#49

3-Nitroaniline

Concen: 1.769 ng/ul

RT: 14.39 min Scan# 1904

Delta R.T. 0.02 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

Instrument :

BNA_P

ClientSampled :

C0AD8

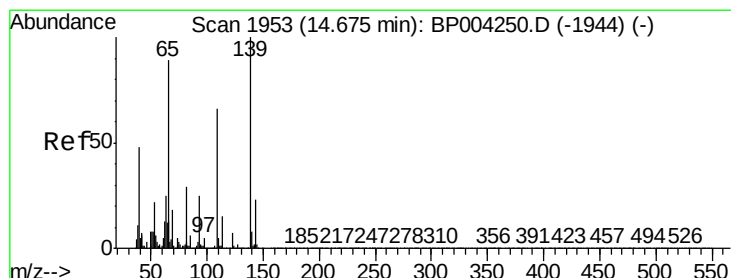
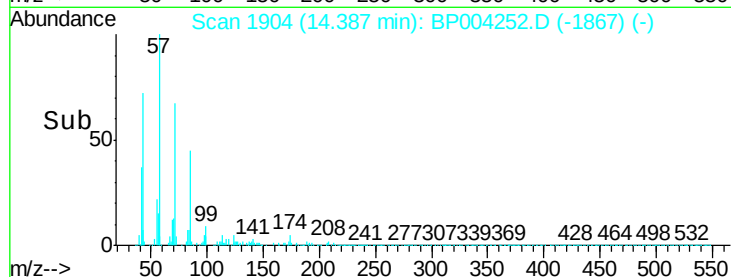
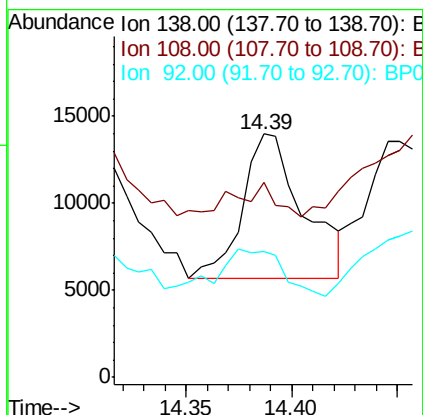
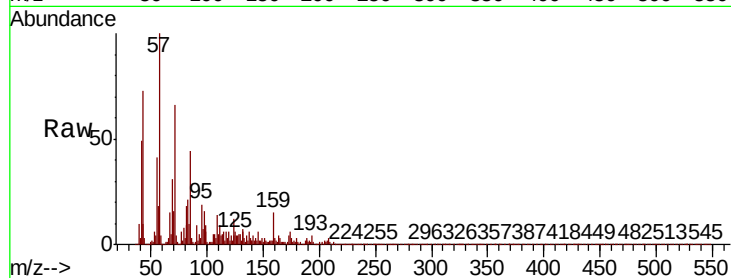
Tot Ion:138 Resp: 16632

Ion Ratio Lower Upper

138 100

108 80.0 9.0 13.4#

92 51.6 95.4 143.2#



#53

4-Nitrophenol

Concen: 2.185 ng/ul

RT: 14.67 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

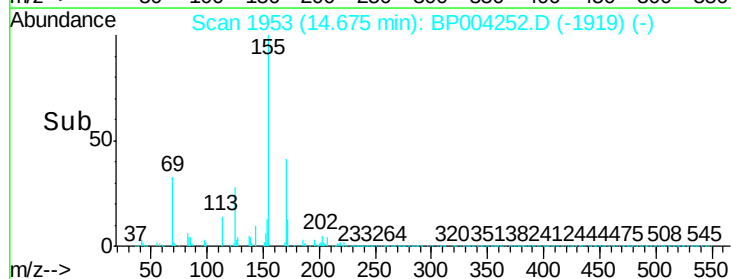
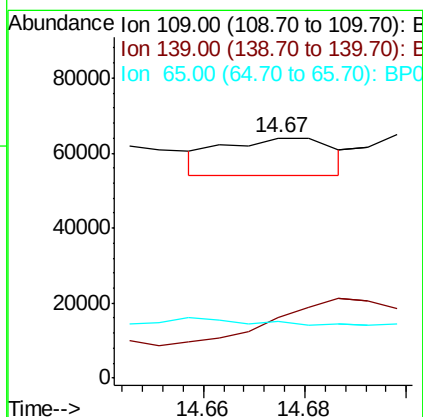
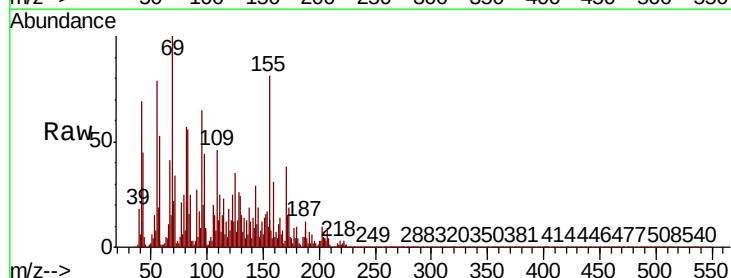
Tgt Ion:109 Resp: 15256

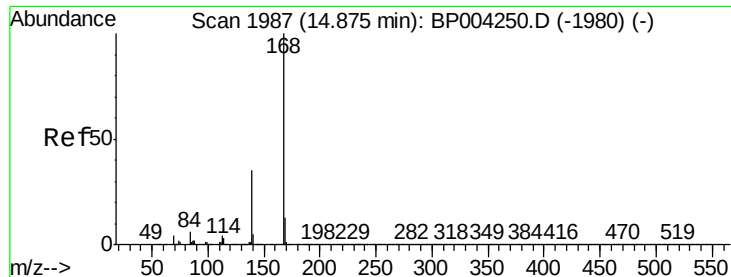
Ion Ratio Lower Upper

109 100

139 25.0 113.5 170.3#

65 23.9 105.1 157.7#





#54

Dibenzofuran

Concen: 1.197 ng/ul

RT: 14.87 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

Instrument :

BNA_P

ClientSampleId :

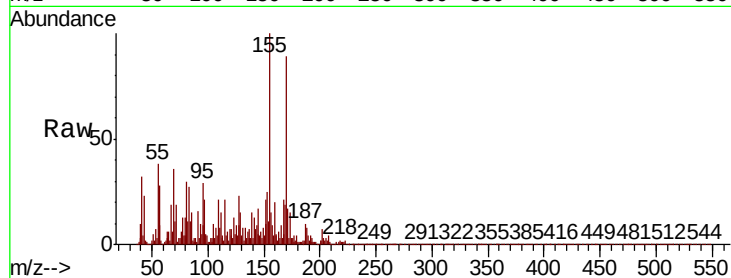
C0AD8

Tot Ion:168 Resp: 84719

Ion Ratio Lower Upper

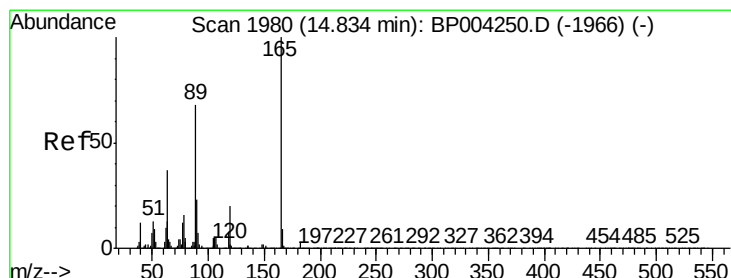
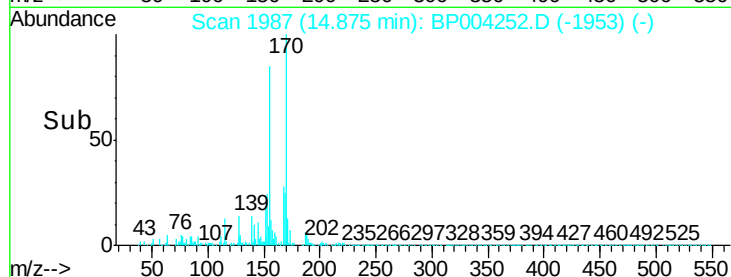
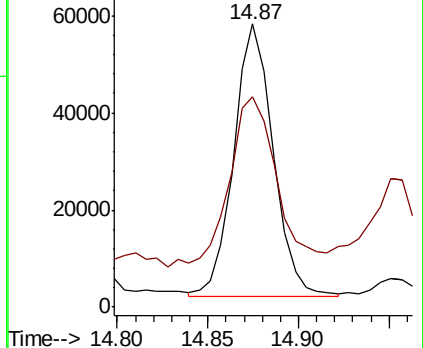
168 100

139 74.3 29.0 43.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 2.051 ng/ul

RT: 14.88 min Scan# 1988

Delta R.T. 0.05 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

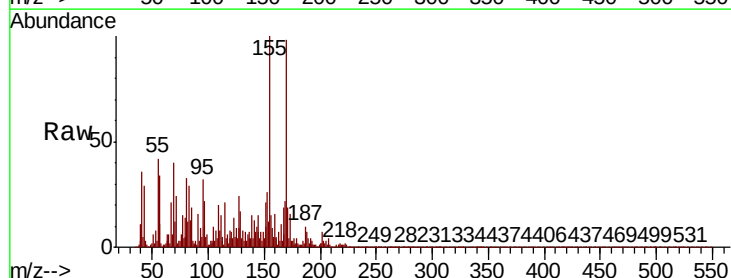
Tgt Ion:165 Resp: 30924

Ion Ratio Lower Upper

165 100

63 54.7 29.4 44.2#

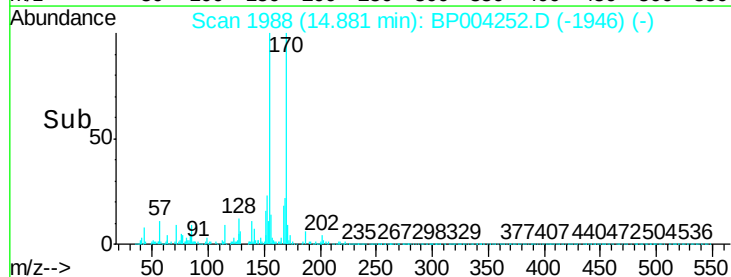
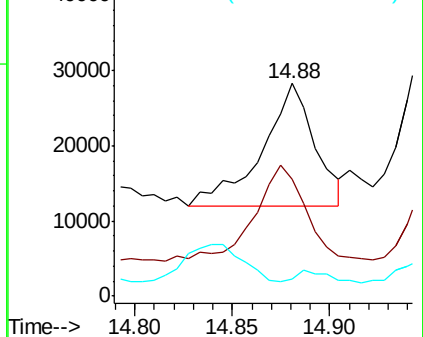
182 8.1 2.6 3.8#

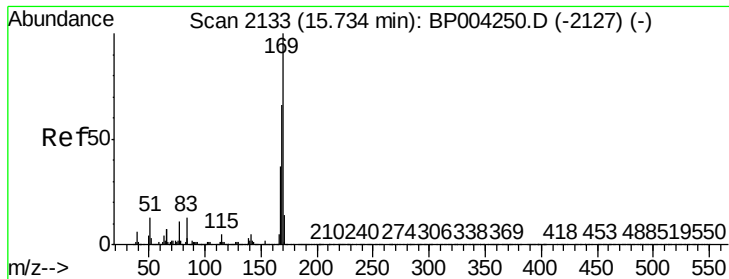


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 182.00 (181.70 to 182.70): E

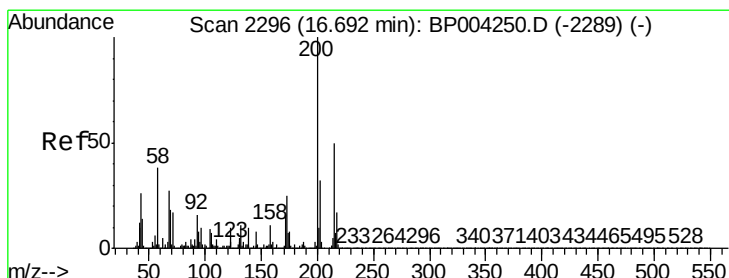
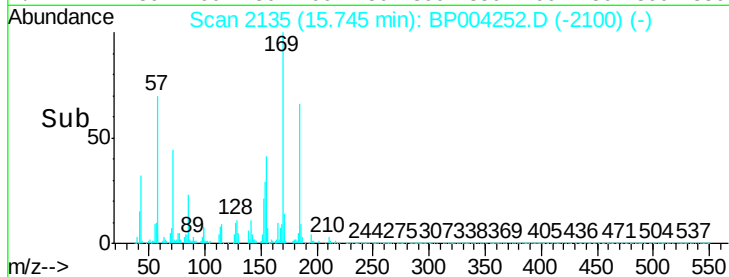
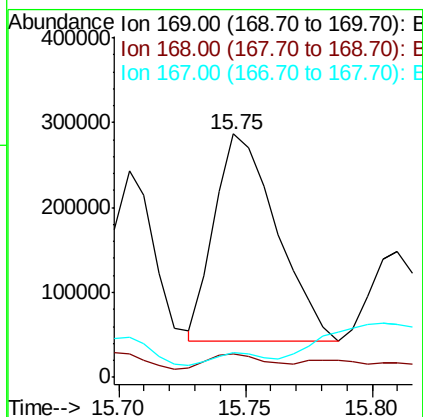
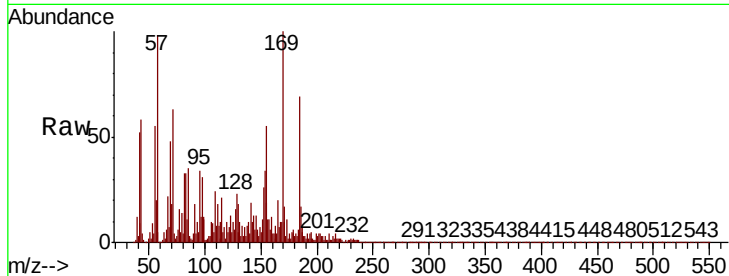




#65
N-Nitrosodiphenylamine
Concen: 9.399 ng/ul
RT: 15.75 min Scan# 2135
Delta R.T. 0.01 min
Lab File: BP004252.D
Acq: 12 Dec 2020 11:11

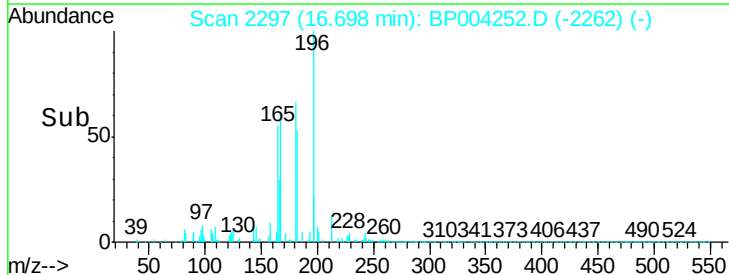
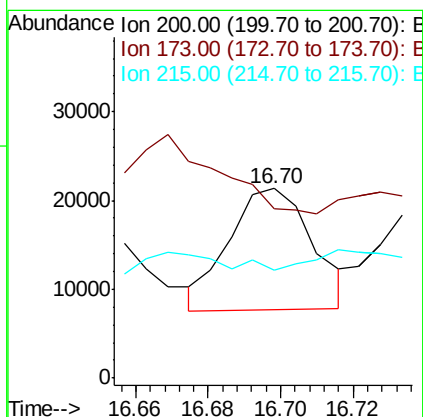
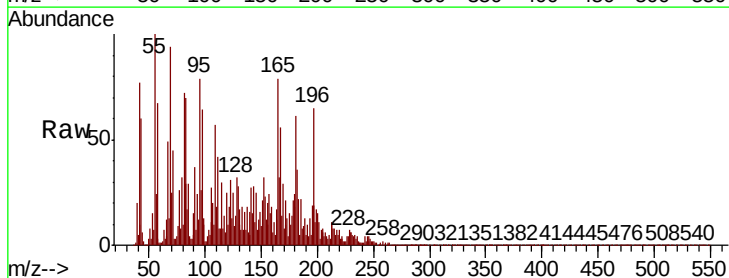
Instrument :
BNA_P
ClientSampleId :
C0AD8

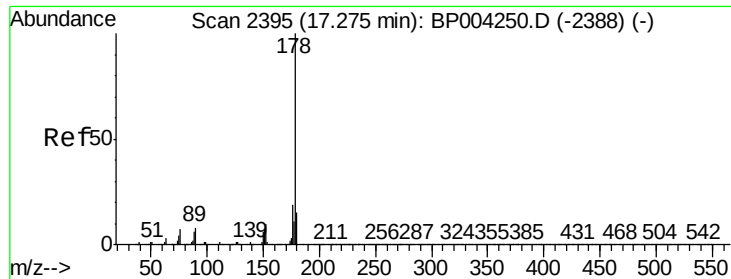
Tot Ion:169 Resp: 414895
Ion Ratio Lower Upper
169 100
168 9.7 53.0 79.6#
167 10.4 29.1 43.7#



#68
Atrazine
Concen: 1.420 ng/ul
RT: 16.70 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BP004252.D
Acq: 12 Dec 2020 11:11

Tgt Ion:200 Resp: 21750
Ion Ratio Lower Upper
200 100
173 89.5 20.6 30.8#
215 57.1 39.8 59.8





#70

Phenanthrene

Concen: 13.094 ng/ul

RT: 17.28 min Scan# 2396

Delta R.T. 0.01 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

Instrument :

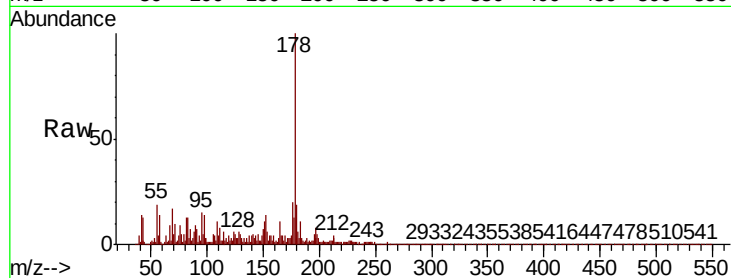
BNA_P

ClientSampleId :

C0AD8

Tot Ion:178 Resp: 1146436

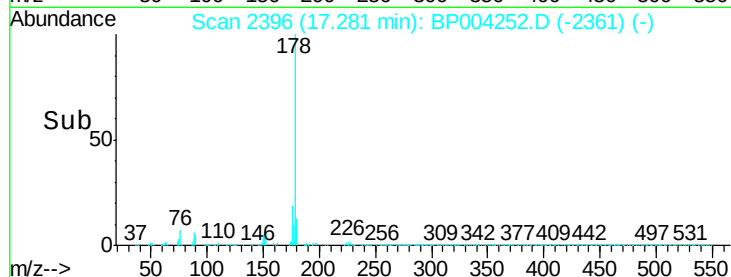
Ion	Ratio	Lower	Upper
178	100		
179	19.4	12.4	18.6#
176	19.6	15.4	23.0



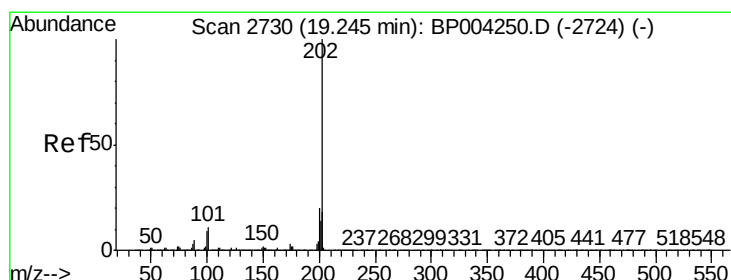
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Fluoranthene

Concen: 4.614 ng/ul

RT: 19.25 min Scan# 2731

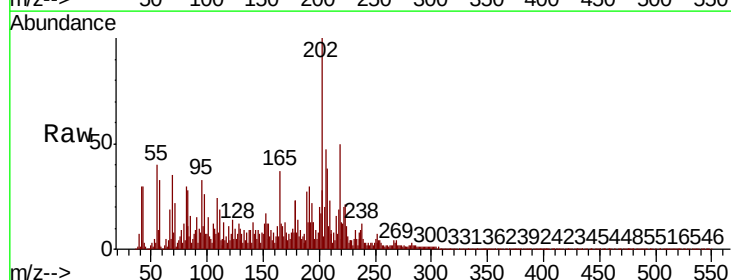
Delta R.T. 0.01 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

Tgt Ion:202 Resp: 431309

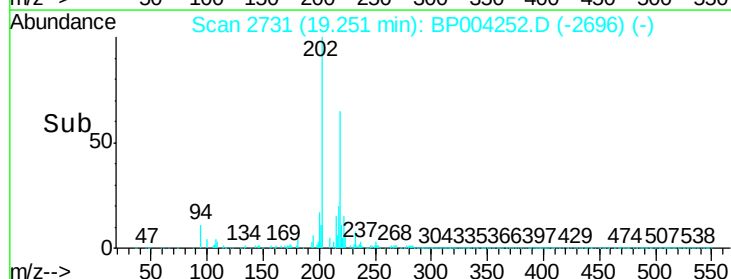
Ion	Ratio	Lower	Upper
202	100		
101	14.7	9.1	13.7#
100	7.4	7.1	10.7



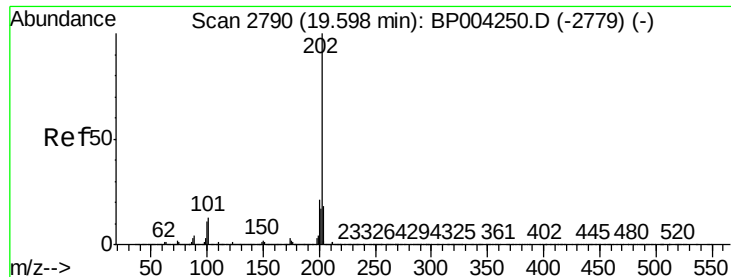
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



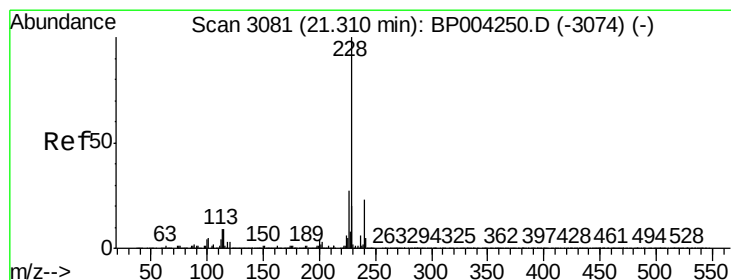
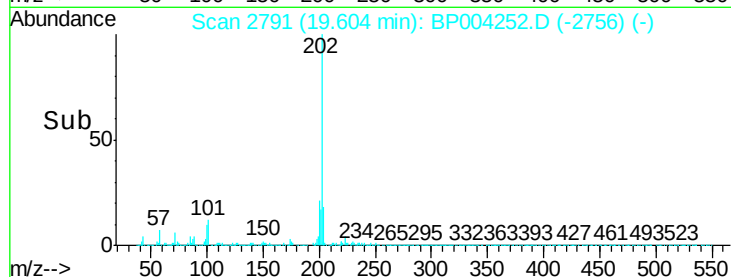
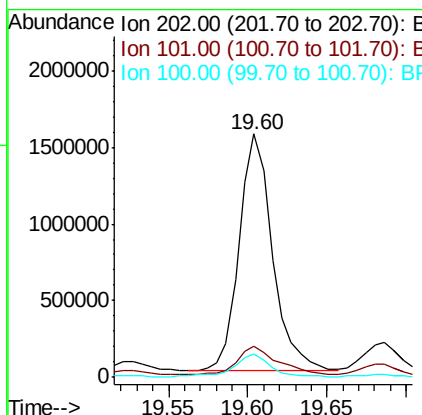
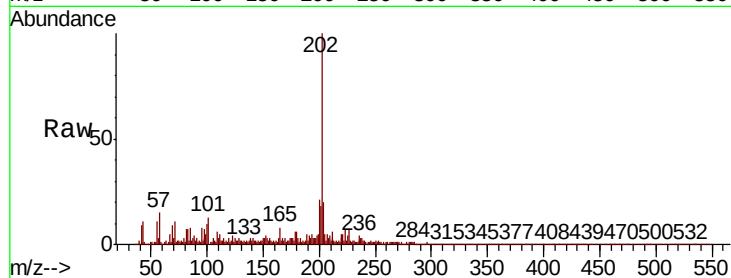
Time-->



#80
 Pvrene
 Concen: 21.103 ng/ul
 RT: 19.60 min Scan# 2791
 Delta R.T. 0.01 min
 Lab File: BP004252.D
 Acq: 12 Dec 2020 11:11

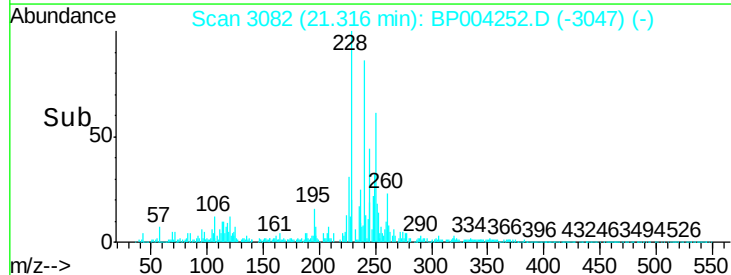
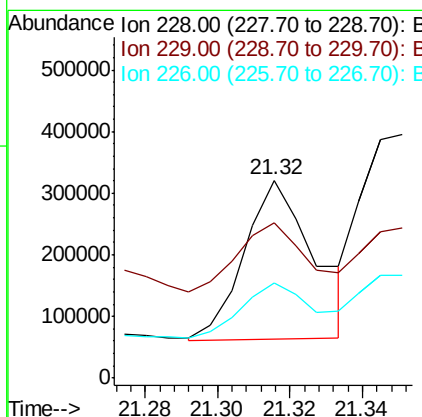
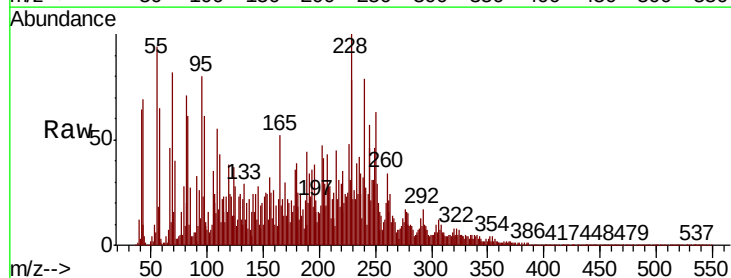
Instrument :
 BNA_P
 ClientSampleId :
 C0AD8

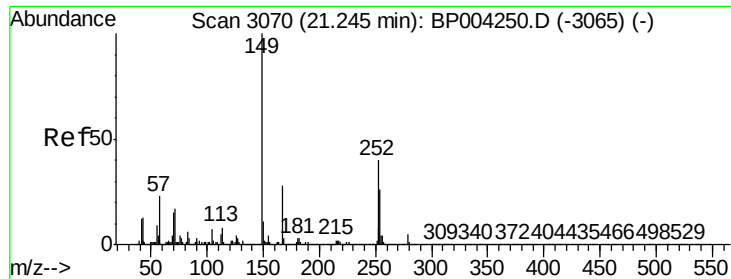
Tot Ion:202 Resp: 2262344
 Ion Ratio Lower Upper
 202 100
 101 12.5 10.6 15.8
 100 9.8 8.6 12.8



#83
 Benzo(a)anthracene
 Concen: 3.312 ng/ul
 RT: 21.32 min Scan# 3082
 Delta R.T. 0.01 min
 Lab File: BP004252.D
 Acq: 12 Dec 2020 11:11

Tgt Ion:228 Resp: 347009
 Ion Ratio Lower Upper
 228 100
 229 78.5 15.8 23.8#
 226 48.2 21.7 32.5#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.610 ng/ul

RT: 21.25 min Scan# 3071

Delta R.T. 0.01 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

Instrument :

BNA_P

ClientSampleId :

C0AD8

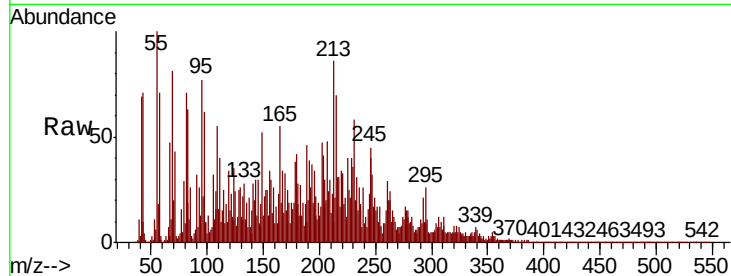
Tot Ion:149 Resp: 125038

Ion Ratio Lower Upper

149 100

167 64.7 22.2 33.4#

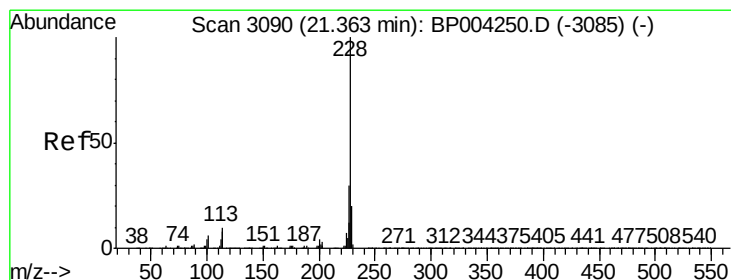
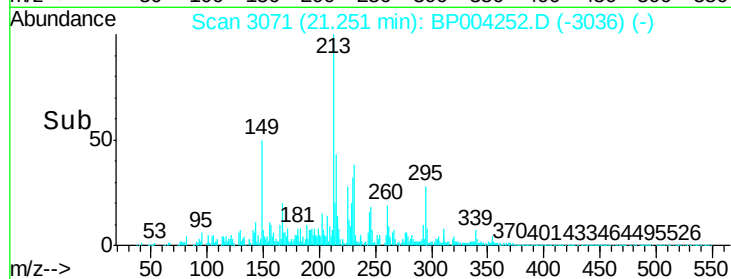
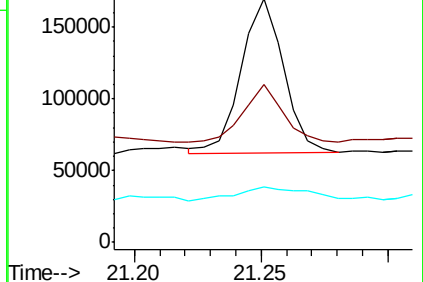
279 22.6 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 4.083 ng/ul

RT: 21.37 min Scan# 3091

Delta R.T. 0.01 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

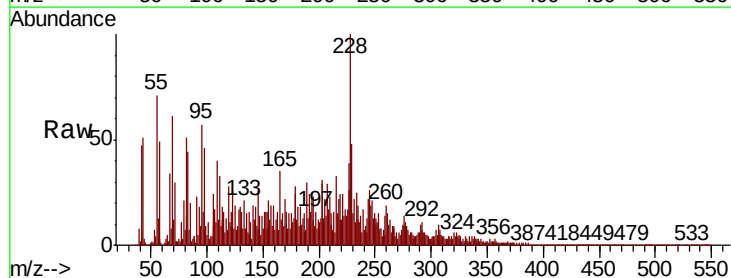
Tgt Ion:228 Resp: 419598

Ion Ratio Lower Upper

228 100

226 39.3 24.2 36.2#

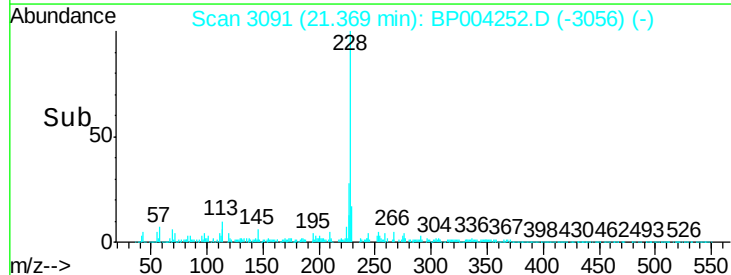
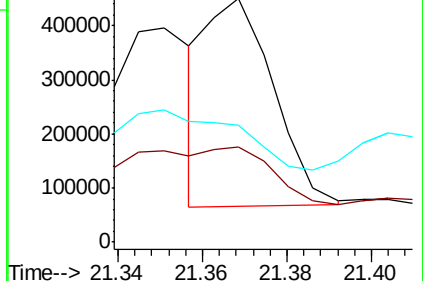
229 48.0 15.8 23.8#

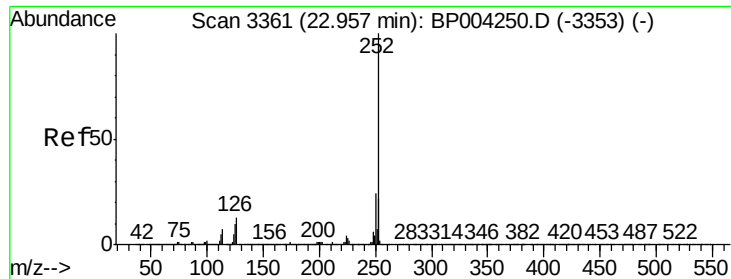


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 3.351 ng/ul

RT: 22.99 min Scan# 3366

Delta R.T. 0.02 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

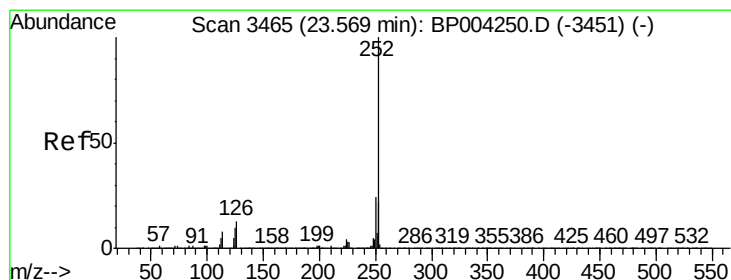
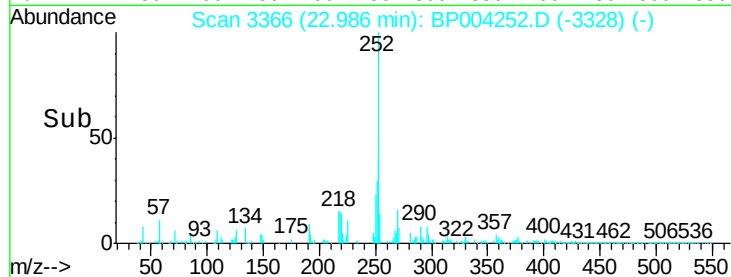
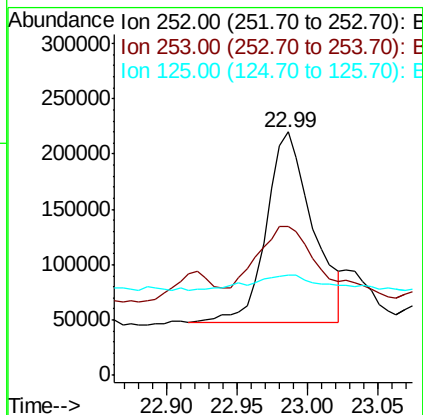
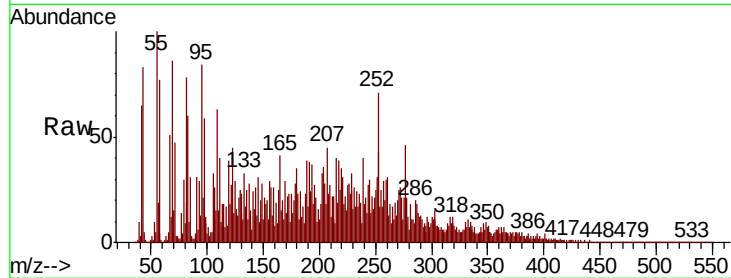
Instrument :

BNA_P

ClientSampled :

C0AD8

Tot Ion:	252	Resp:	394956
Ion Ratio	Lower	Upper	
252	100		
253	61.1	17.6	26.4#
125	41.2	7.7	11.5#



#91

Benzo(a)pyrene

Concen: 2.592 ng/ul

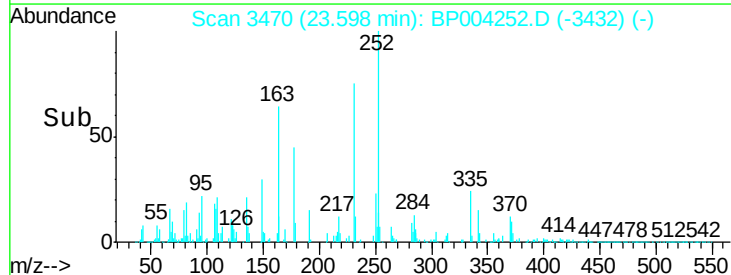
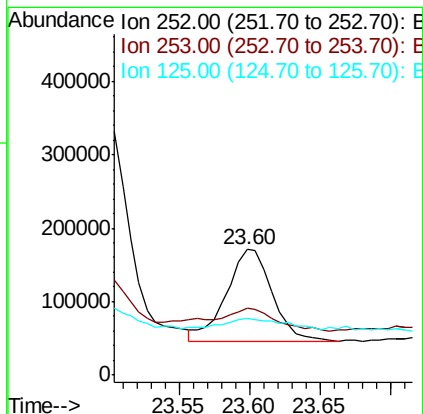
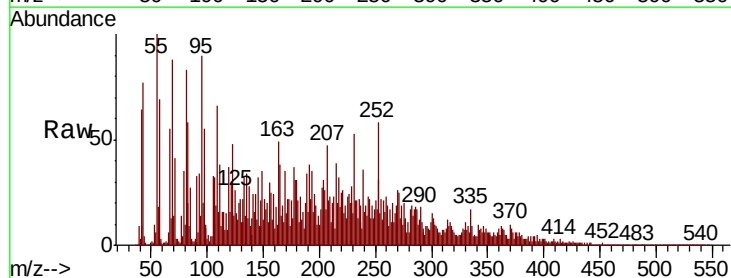
RT: 23.60 min Scan# 3470

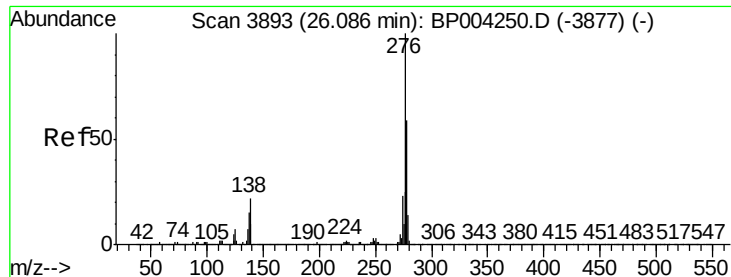
Delta R.T. 0.02 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

Tgt Ion:	252	Resp:	285052
Ion Ratio	Lower	Upper	
252	100		
253	53.4	17.3	25.9#
125	44.8	7.8	11.6#





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.145 ng/ul

RT: 26.13 min Scan# 3901

Delta R.T. 0.05 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

Instrument :

BNA_P

ClientSampleId :

C0AD8

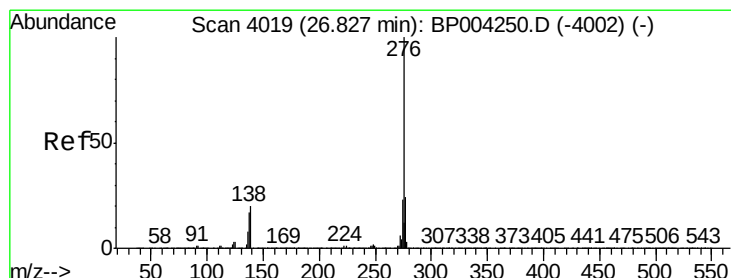
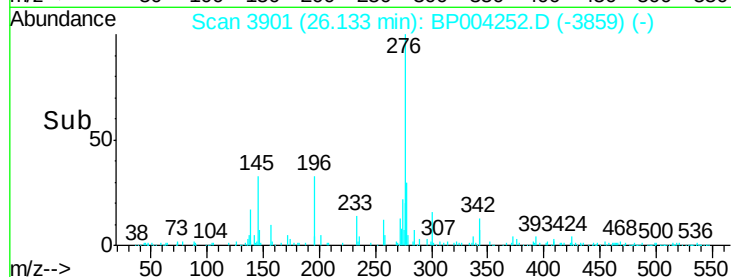
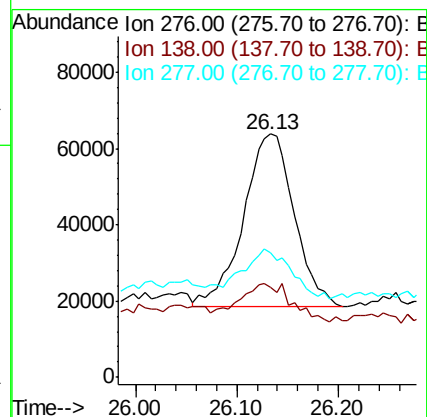
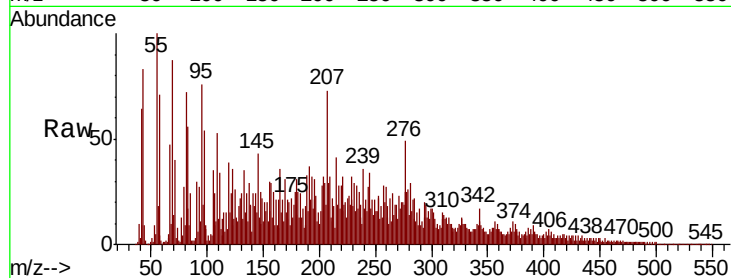
Tot Ion:276 Resp: 157896

Ion Ratio Lower Upper

276 100

138 37.1 17.8 26.6#

277 51.0 19.8 29.6#



#94

Benzo(g,h,i)perylene

Concen: 1.952 ng/ul

RT: 26.88 min Scan# 4028

Delta R.T. 0.05 min

Lab File: BP004252.D

Acq: 12 Dec 2020 11:11

Tgt Ion:276 Resp: 225914

Ion Ratio Lower Upper

276 100

138 29.9 16.6 25.0#

277 40.9 18.5 27.7#

