

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021721\
 Data File : BP004786.D
 Acq On : 17 Feb 2021 22:31
 Operator : CG/JU
 Sample : M1379-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 17 23:30:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP020821MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 17 23:17:49 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	56577	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	217474	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	132315	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	270663	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	319959	20.00	ng/ul	0.02
86) Perylene-d12	23.58	264	276926	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	4264	2.91	ng/uL	0.00
5) Phenol-d5	6.95	99	87851	19.35	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.10	67	43697	18.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	70561	20.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	67161	18.80	ng/ul	0.01
19) Nitrobenzene-d5	8.92	128	33170	22.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.65	143	38316	23.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.18	165	72498	21.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	13428	3.63	ng/ul	0.01
44) Dimethylphthalate-d6	13.82	166	218634	22.76	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	268326	22.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	26928	16.04	ng/ul	0.02
58) Fluorene-d10	15.41	176	185211	22.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	19570	11.96	ng/ul	0.00
71) Anthracene-d10	17.26	188	286267	23.98	ng/ul	0.00
79) Pyrene-d10	19.51	212	314105	20.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	325586	23.24	ng/ul	0.02

Target Compounds

					Ovalue	
4) Benzaldehyde	6.92	77	13571	5.704	ng/ul	94
6) Phenol	6.96	94	7921	1.673	ng/ul	90
14) Acetophenone	8.59	105	8335	1.418	ng/ul#	94
25) Bis(2-Chloroethoxy)methane	9.97	93	13040	3.008	ng/ul#	1
41) 1,1'-Biphenyl	13.24	154	166449	17.064	ng/ul	99
43) 2-Nitroaniline	13.49	65	11617	5.570	ng/ul#	36
45) Dimethylphthalate	13.87	163	19751	1.994	ng/ul#	90
48) Acenaphthylene	14.13	152	12719	1.152	ng/ul#	88
70) Phenanthrene	17.21	178	81310	5.639	ng/ul	97
72) Anthracene	17.30	178	24528	1.673	ng/ul	98
75) Carbazole	17.57	167	15753	1.227	ng/ul#	88
76) Di-n-butylphthalate	18.13	149	31322	2.164	ng/ul#	80
77) Fluoranthene	19.19	202	201081	11.610	ng/ul	98
80) Pyrene	19.54	202	175972	9.055	ng/ul	99
83) Benzo(a)anthracene	21.26	228	111402	5.813	ng/ul#	89
84) Bis(2-ethylhexyl)phthalate	21.19	149	23165	2.233	ng/ul#	48
85) Chrysene	21.31	228	115389	6.073	ng/ul#	83
88) Benzo(b)fluoranthene	22.88	252	149422	8.572	ng/ul#	89
89) Benzo(k)fluoranthene	22.88	252	149422	8.806	ng/ul#	89
91) Benzo(a)pyrene	23.48	252	85642	5.584	ng/ul#	90
92) Indeno(1,2,3-cd)pyrene	25.94	276	65856	3.378	ng/ul#	93
94) Benzo(a,h,i)perylene	26.67	276	59289	3.676	ng/ul#	89

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 17 23:17:49 2021
Response via : Initial Calibration

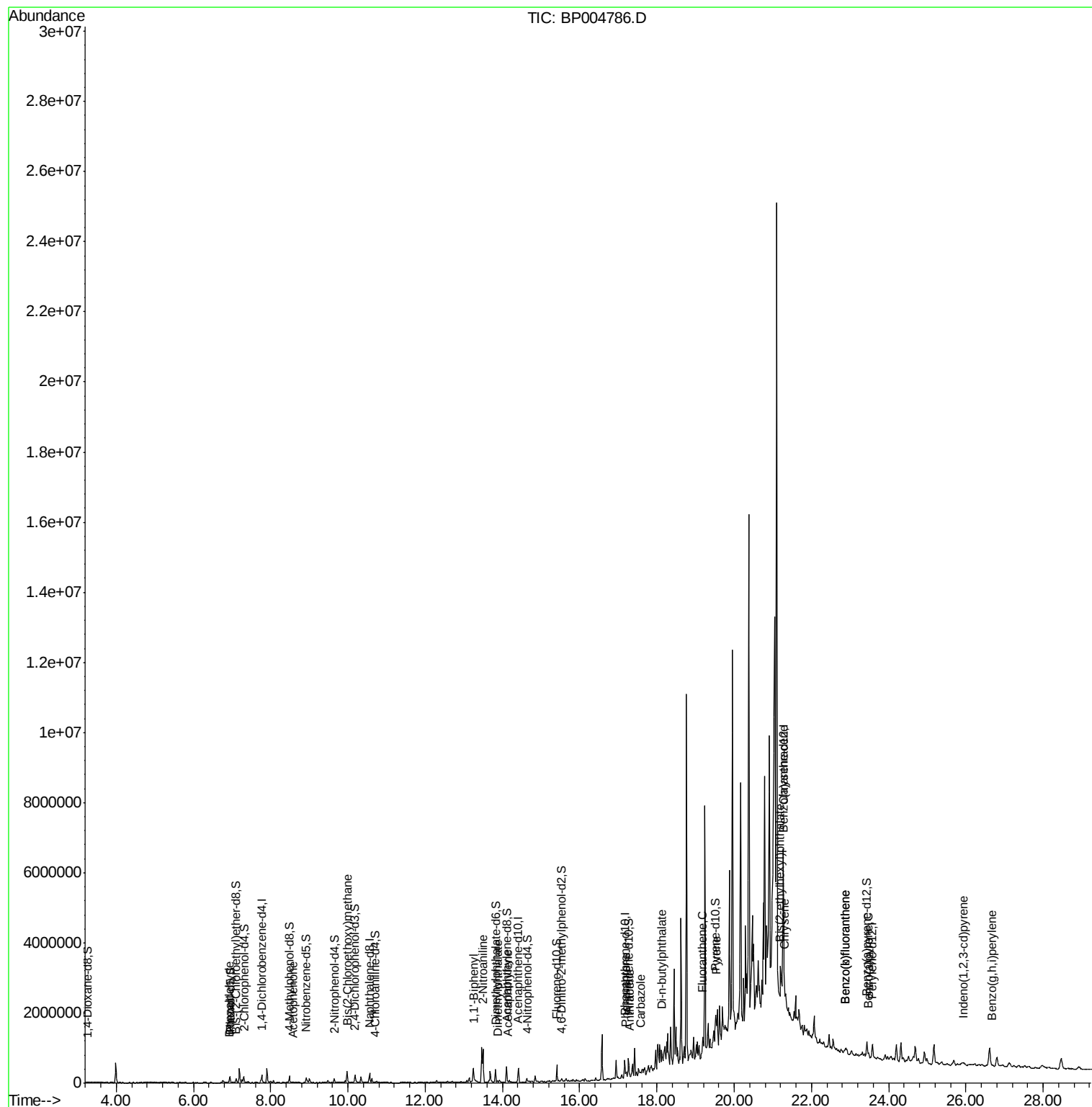
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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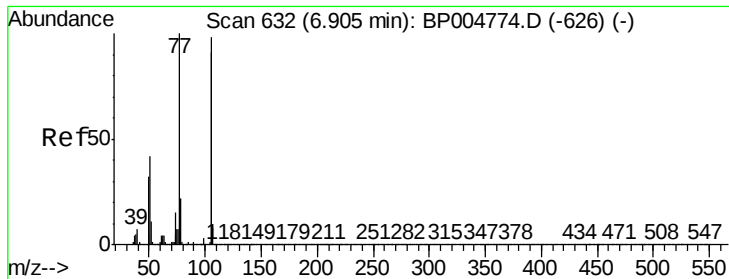
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 5.704 ng/ul

RT: 6.92 min Scan# 634

Delta R.T. 0.01 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

Instrument :

BNA_P

ClientSampled :

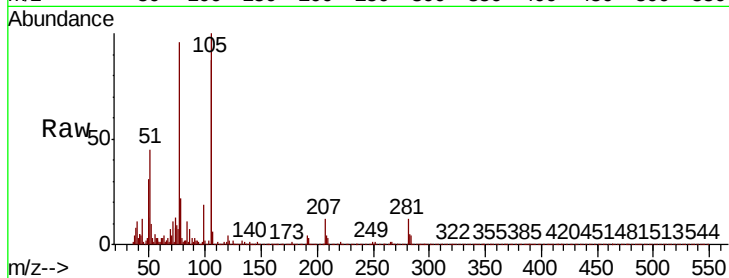
Tot Ion: 77 Resp: 13571

Ion Ratio Lower Upper

77 100

105 103.8 76.0 114.0

106 90.2 74.0 111.0



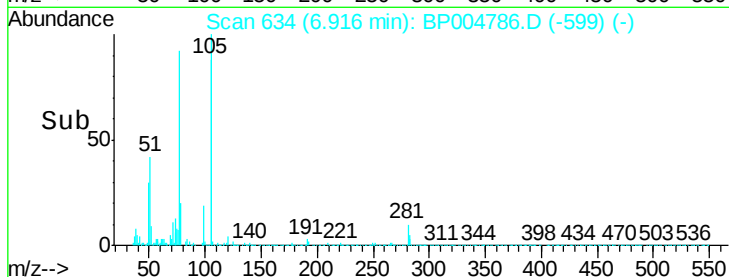
Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

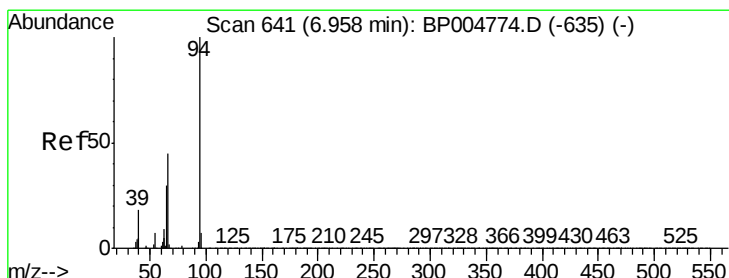
6.92

Time-->



6.92

Time-->



#6

Phenol

Concen: 1.673 ng/ul

RT: 6.96 min Scan# 642

Delta R.T. 0.01 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

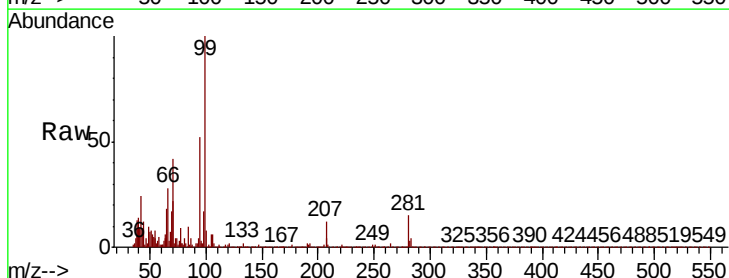
Tgt Ion: 94 Resp: 7921

Ion Ratio Lower Upper

94 100

65 34.8 24.8 37.2

66 55.2 38.1 57.1



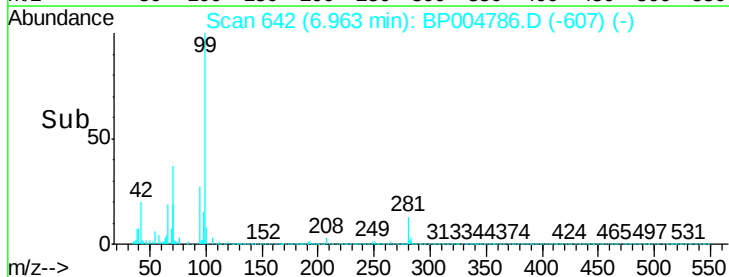
Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

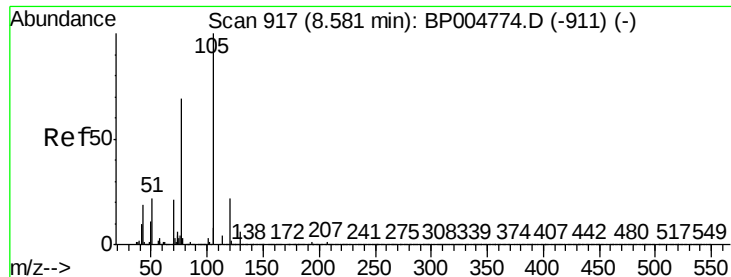
6.96

Time-->



6.96

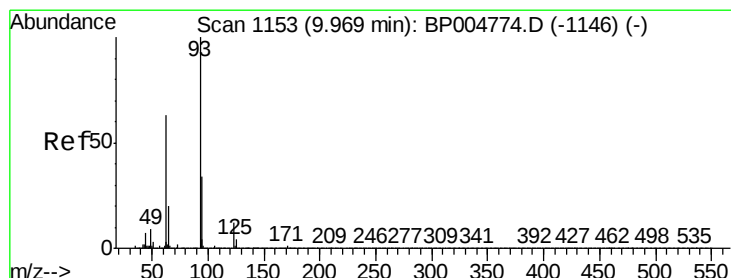
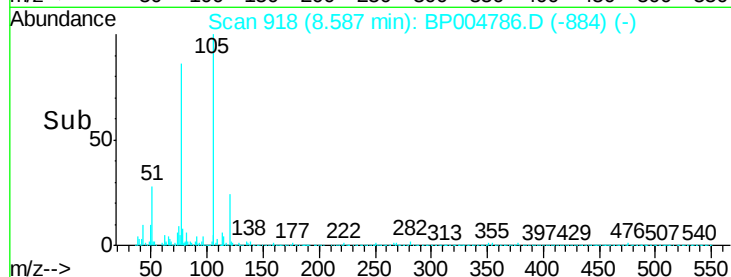
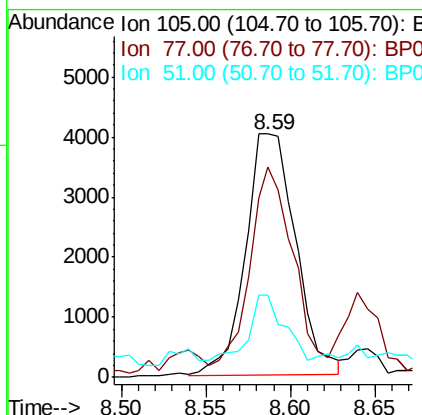
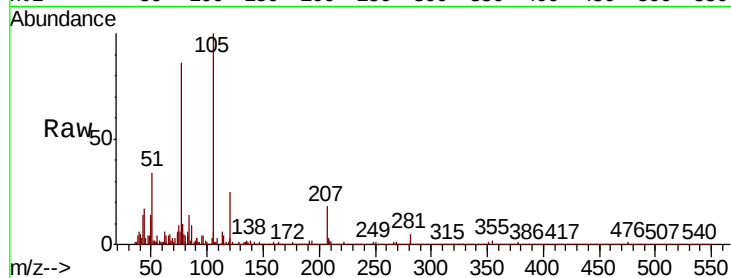
Time-->



#14
Acetophenone
Concen: 1.418 ng/ul
RT: 8.59 min Scan# 918
Delta R.T. -0.00 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

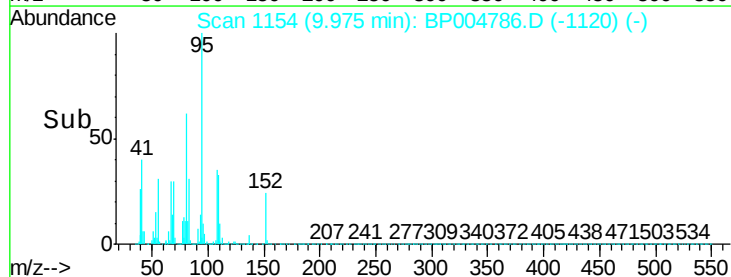
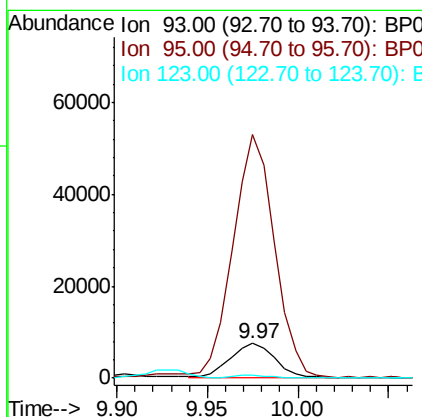
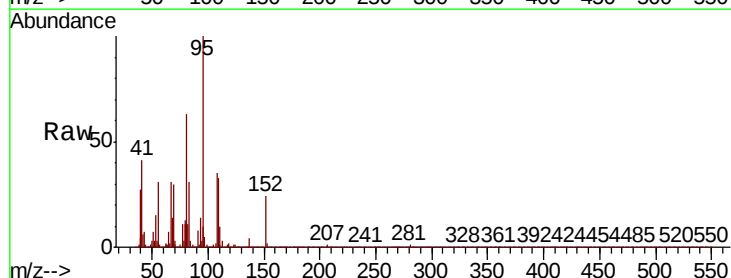
Instrument :
BNA_P
ClientSampled :

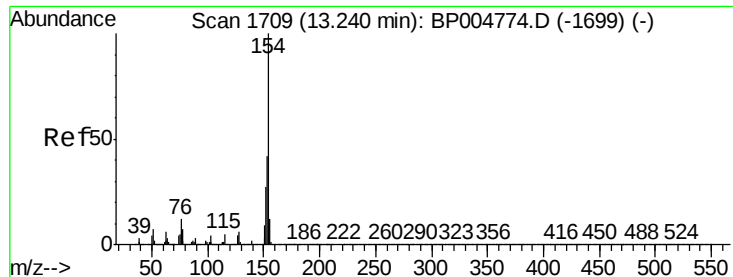
Tot Ion: 105 Resp: 8335
Ion Ratio Lower Upper
105 100
77 86.1 66.5 99.7
51 33.6 20.2 30.2#



#25
Bis(2-Chloroethoxy)methane
Concen: 3.008 ng/ul
RT: 9.97 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Tgt Ion: 93 Resp: 13040
Ion Ratio Lower Upper
93 100
95 701.5 26.1 39.1#
123 10.4 9.9 14.9





#41

1,1'-Biphenyl

Concen: 17.064 ng/ul

RT: 13.24 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

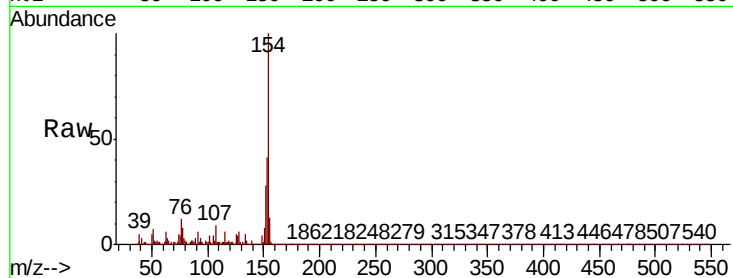
Instrument :

BNA_P

ClientSampled :

Tot Ion:154 Resp: 166449

Ion	Ratio	Lower	Upper
154	100		
153	40.9	32.3	48.5
76	12.2	8.8	13.2

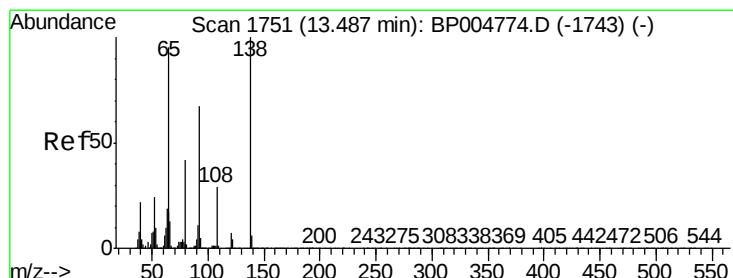
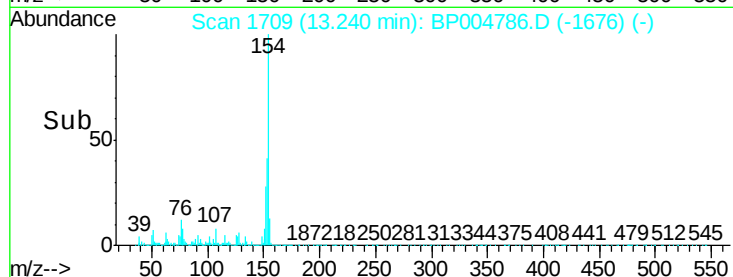
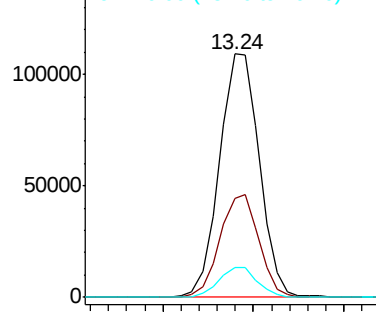


Abundance

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): BPO



#43

2-Nitroaniline

Concen: 5.570 ng/ul

RT: 13.49 min Scan# 1752

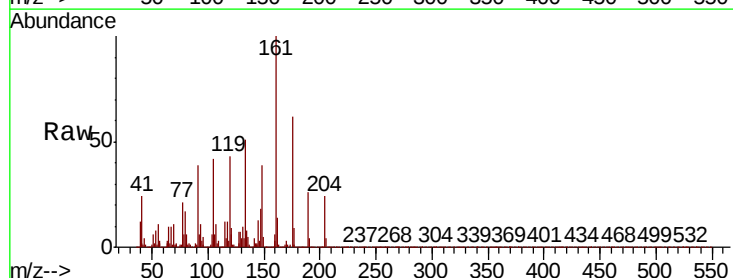
Delta R.T. -0.00 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

Tgt Ion: 65 Resp: 11617

Ion	Ratio	Lower	Upper
65	100		
92	59.5	57.3	85.9
138	1.0	80.9	121.3#

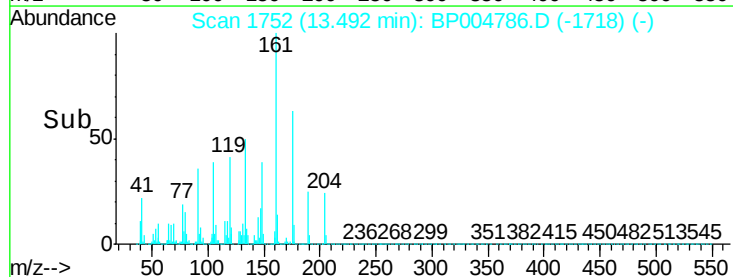
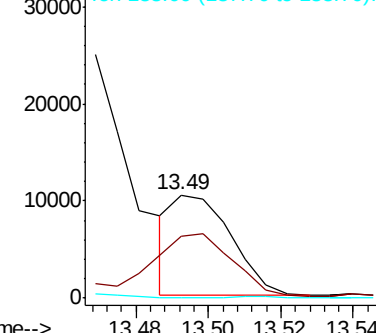


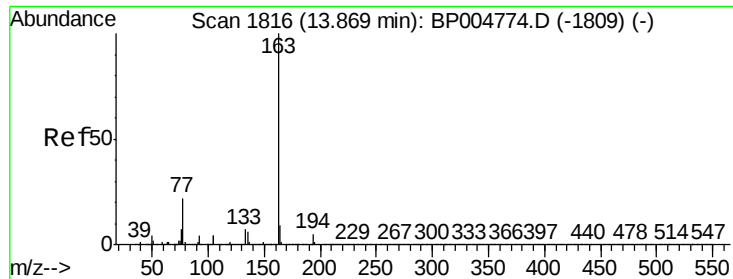
Abundance

Ion 65.00 (64.70 to 65.70): BPO

Ion 92.00 (91.70 to 92.70): BPO

Ion 138.00 (137.70 to 138.70): E

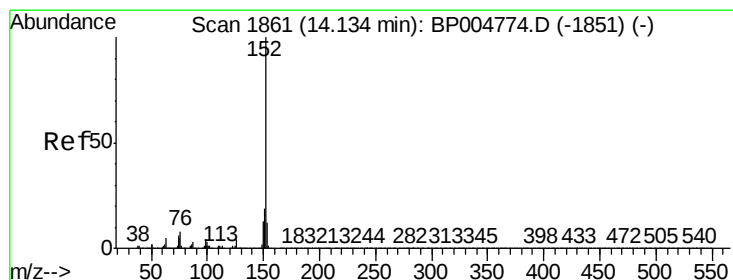
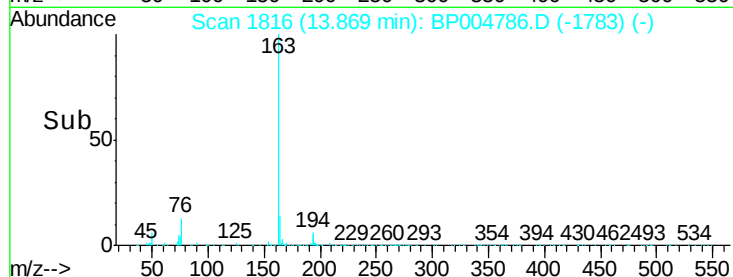
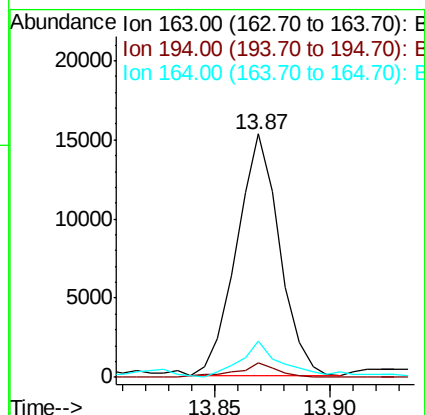
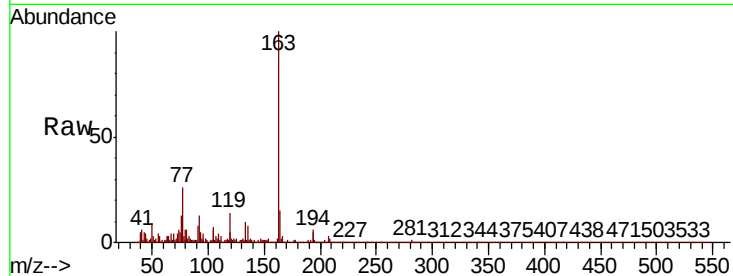




#45
Dimethylphthalate
Concen: 1.994 ng/ul
RT: 13.87 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

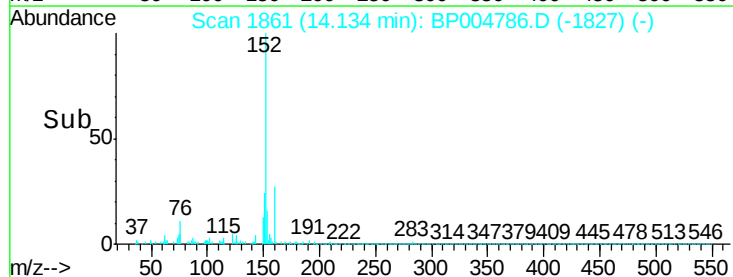
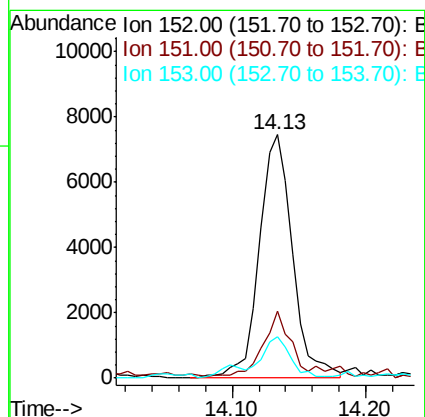
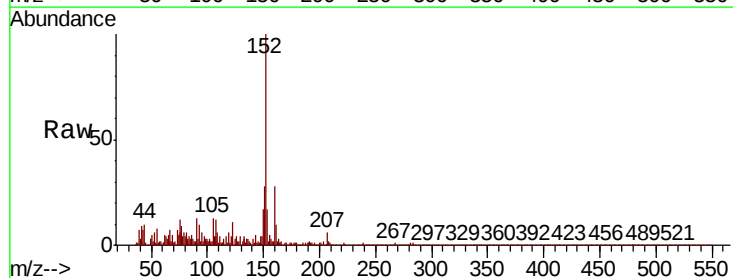
Instrument :
BNA_P
ClientSampleId :

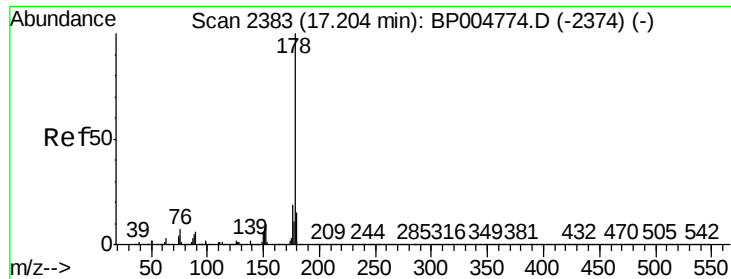
Tot Ion:163 Resp: 19751
Ion Ratio Lower Upper
163 100
194 6.0 3.8 5.6#
164 14.8 8.0 12.0#



#48
Acenaphthylene
Concen: 1.152 ng/ul
RT: 14.13 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Tgt Ion:152 Resp: 12719
Ion Ratio Lower Upper
152 100
151 27.5 16.6 24.8#
153 16.9 11.0 16.4#





#70

Phenanthrene

Concen: 5.639 ng/ul

RT: 17.21 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BP004786.D

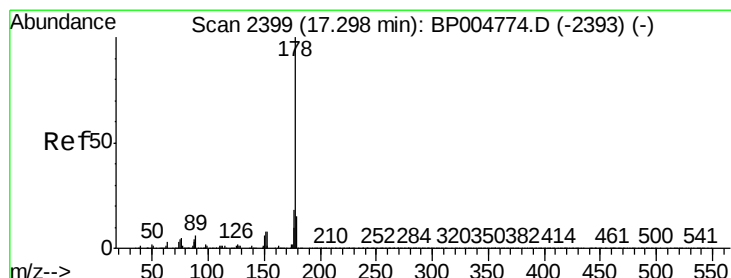
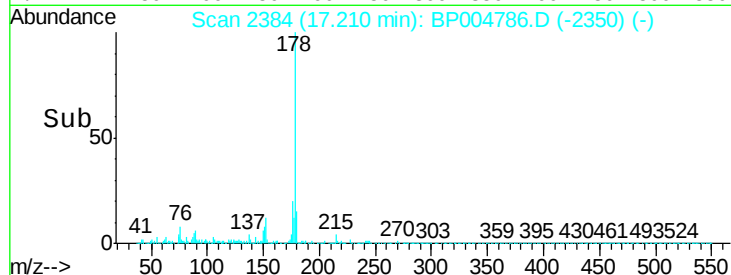
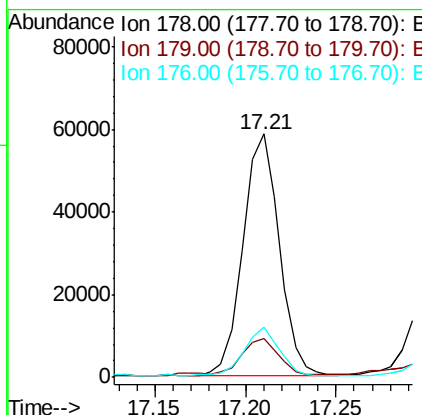
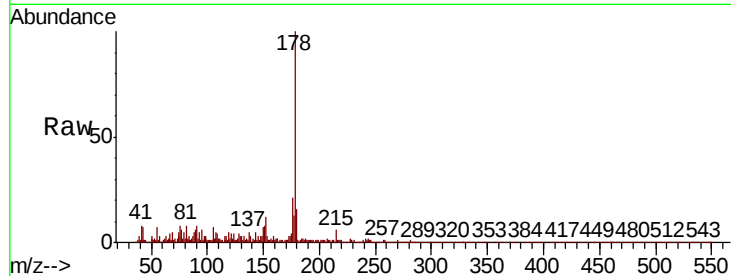
Acq: 17 Feb 2021 22:31

Instrument :

BNA_P

ClientSampleId :

Tot Ion:178	Resp:	81310
Ion	Ratio	Lower Upper
178	100	
179	16.2	12.1 18.1
176	20.5	15.1 22.7



#72

Anthracene

Concen: 1.673 ng/ul

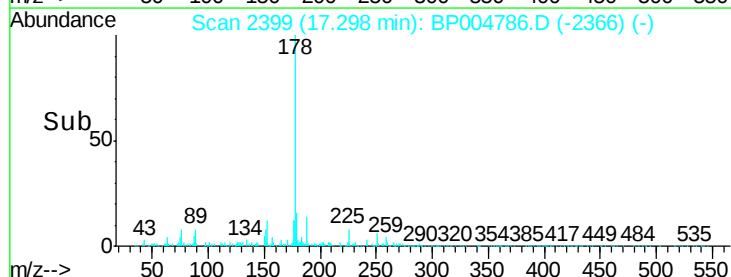
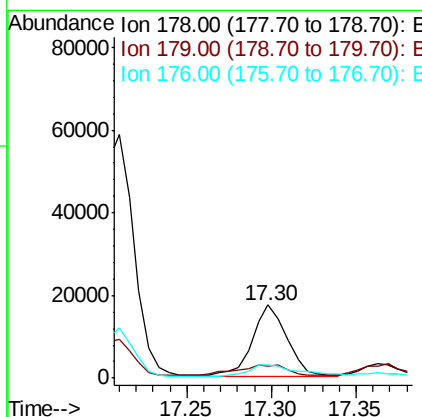
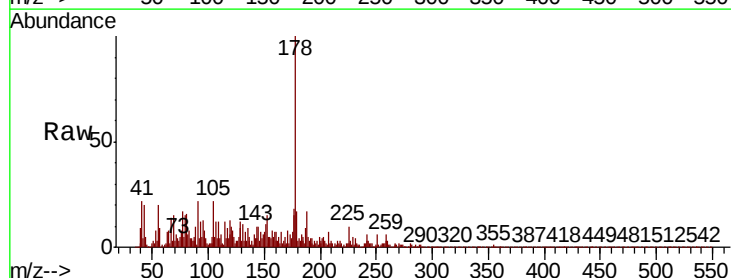
RT: 17.30 min Scan# 2399

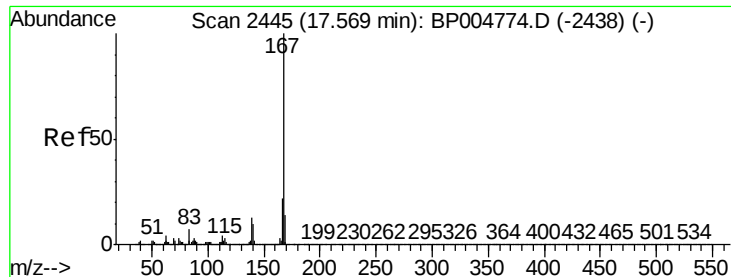
Delta R.T. -0.01 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

Tgt Ion:178	Resp:	24528
Ion	Ratio	Lower Upper
178	100	
179	17.0	12.7 19.1
176	18.1	15.1 22.7





#75

Carbazole

Concen: 1.227 ng/ul

RT: 17.57 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

Instrument :

BNA_P

ClientSampleId :

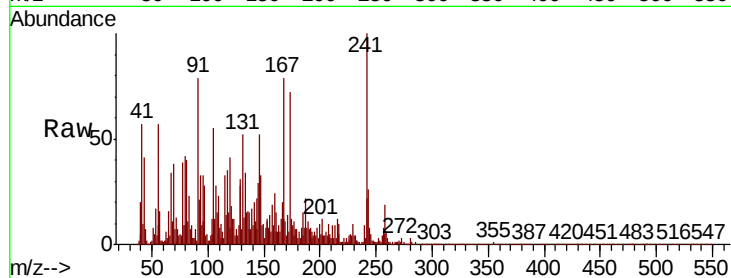
Tot Ion:167 Resp: 15753

Ion Ratio Lower Upper

167 100

166 24.7 17.0 25.6

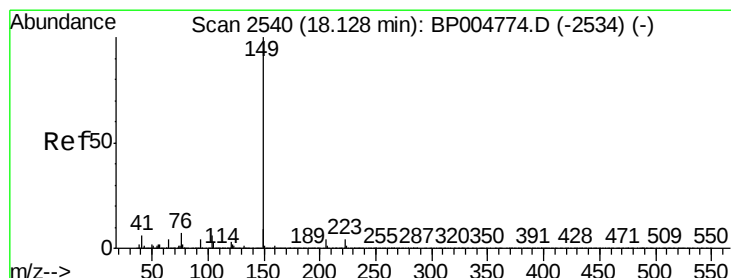
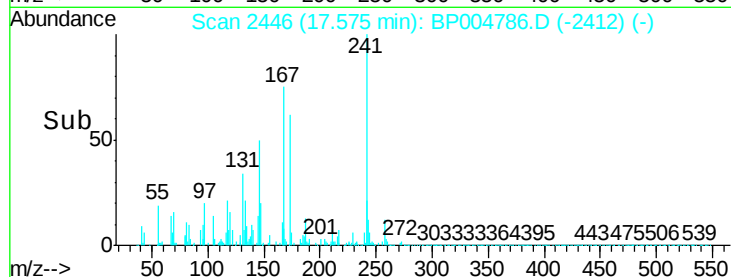
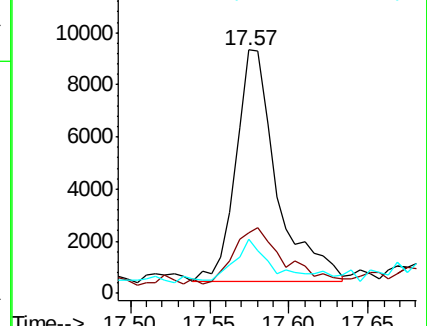
139 22.0 11.0 16.6#



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



#76

Di-n-butylphthalate

Concen: 2.164 ng/ul

RT: 18.13 min Scan# 2541

Delta R.T. -0.00 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

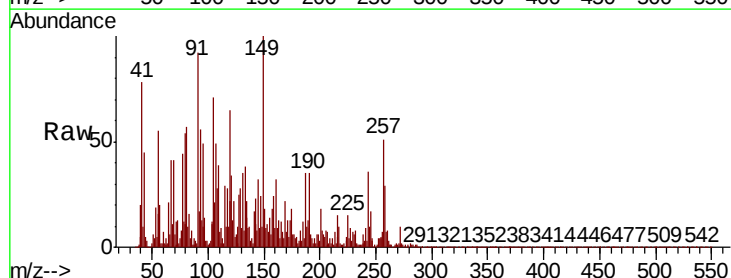
Tgt Ion:149 Resp: 31322

Ion Ratio Lower Upper

149 100

150 18.1 7.1 10.7#

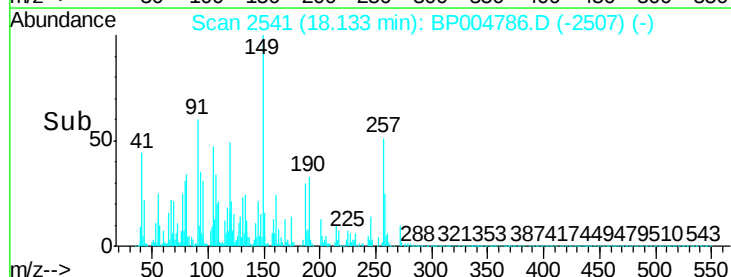
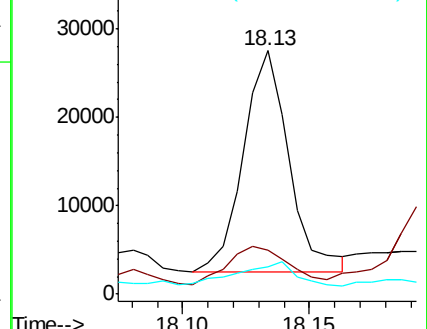
104 11.1 5.4 8.0#

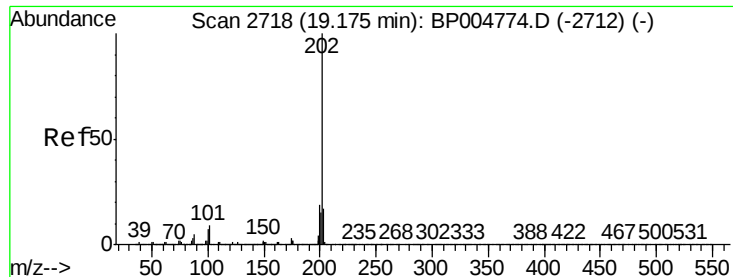


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#77

Fluoranthene

Concen: 11.610 ng/ul

RT: 19.19 min Scan# 2720

Delta R.T. 0.01 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

Instrument :

BNA_P

ClientSampleId :

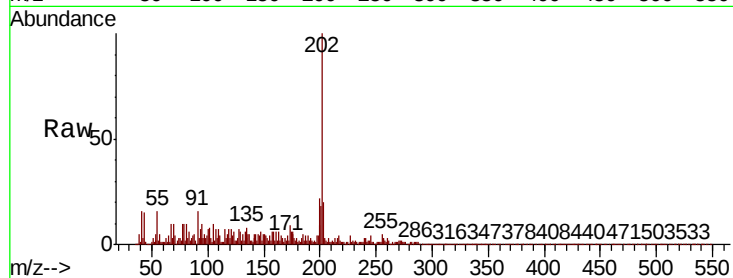
Tot Ion:202 Resp: 201081

Ion Ratio Lower Upper

202 100

101 8.4 7.1 10.7

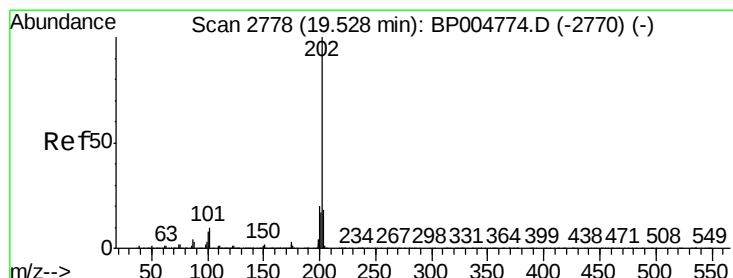
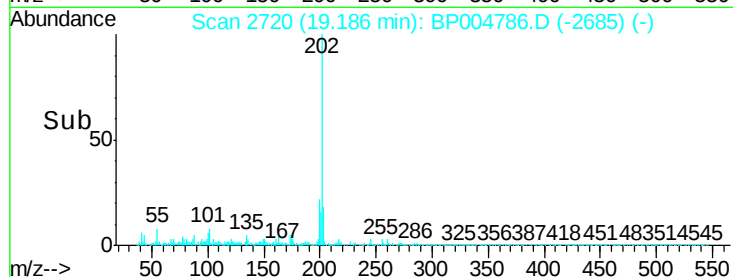
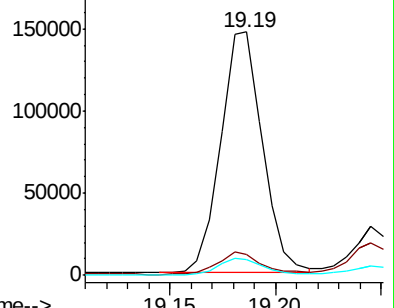
100 6.5 5.8 8.6



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



#80

Pyrene

Concen: 9.055 ng/ul

RT: 19.54 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

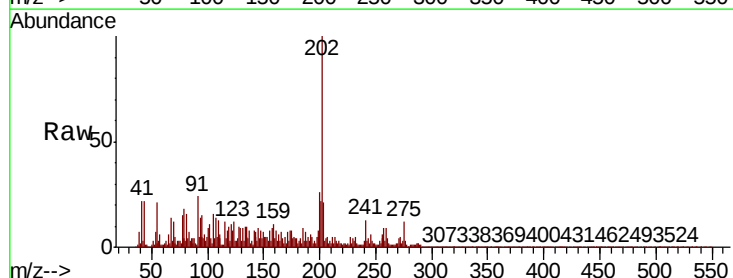
Tgt Ion:202 Resp: 175972

Ion Ratio Lower Upper

202 100

101 10.8 8.0 12.0

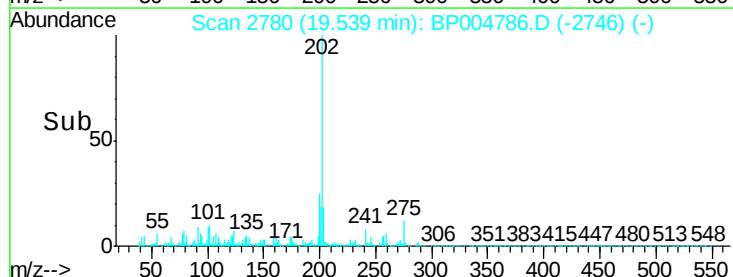
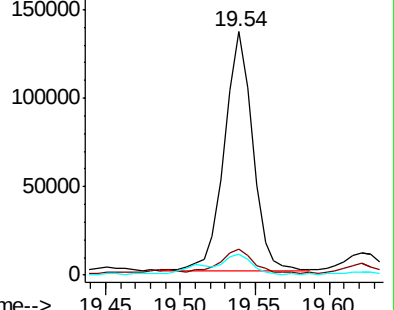
100 8.8 6.9 10.3

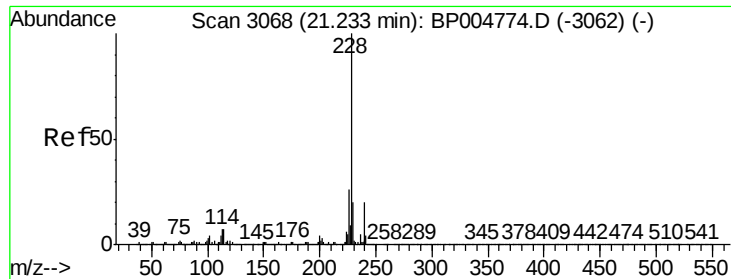


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

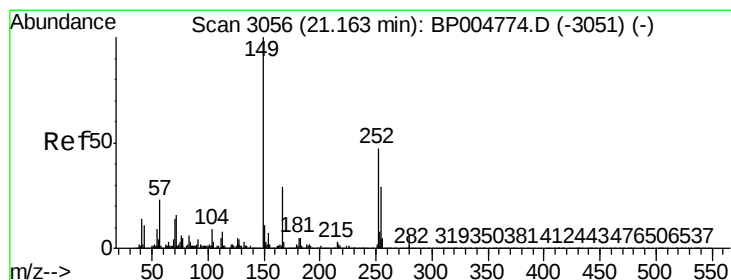
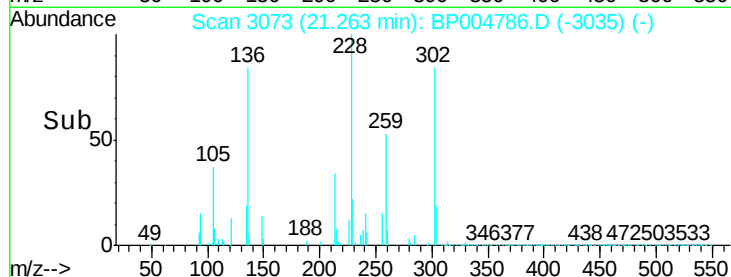
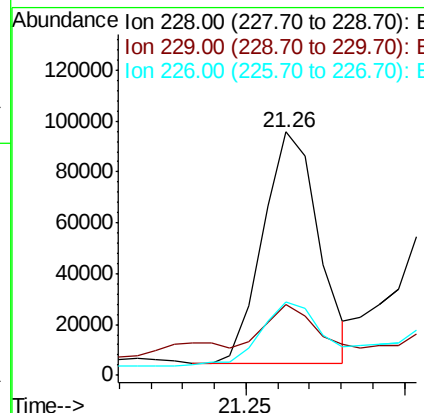
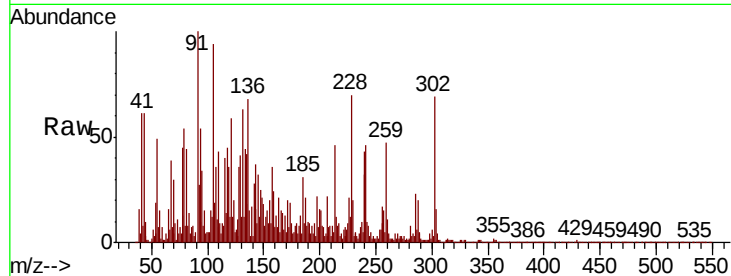




#83
Benzo(a)anthracene
Concen: 5.813 ng/ul
RT: 21.26 min Scan# 3073
Delta R.T. 0.02 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

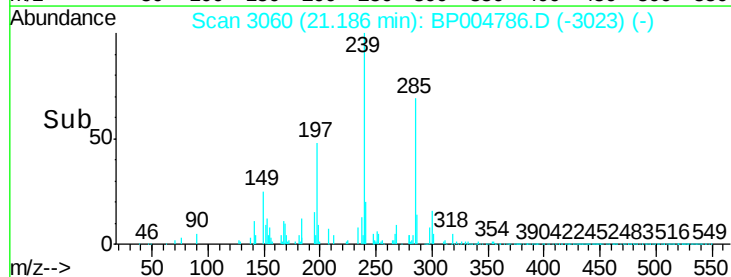
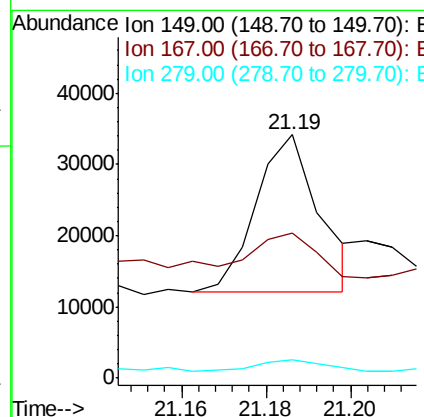
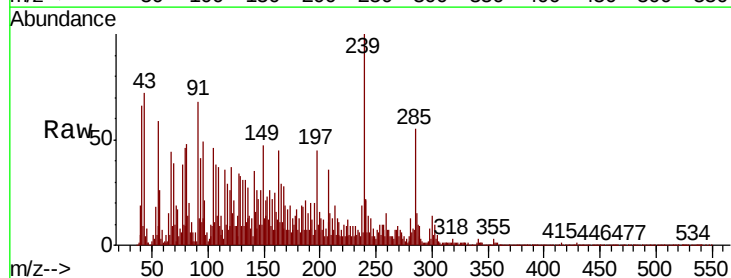
Instrument :
BNA_P
ClientSampled :

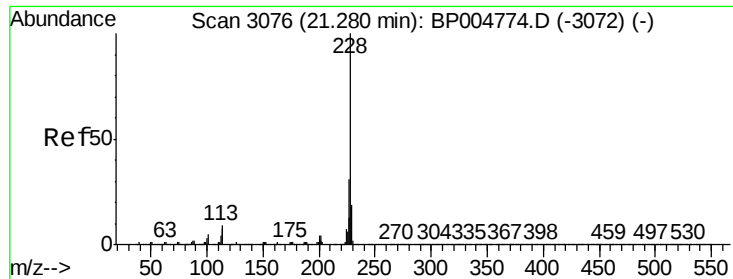
Tot Ion:228 Resp: 111402
Ion Ratio Lower Upper
228 100
229 29.2 15.5 23.3#
226 30.0 22.2 33.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.233 ng/ul
RT: 21.19 min Scan# 3060
Delta R.T. 0.02 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Tgt Ion:149 Resp: 23165
Ion Ratio Lower Upper
149 100
167 59.5 22.6 33.8#
279 7.7 4.1 6.1#





#85

Chrysene

Concen: 6.073 ng/ul

RT: 21.31 min Scan# 3081

Delta R.T. 0.02 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

Instrument :

BNA_P

ClientSampleId :

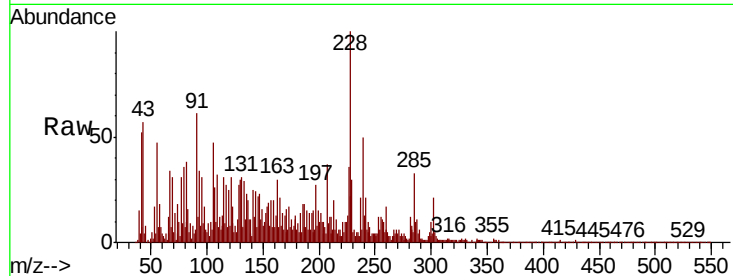
Tot Ion:228 Resp: 115389

Ion	Ratio	Lower	Upper
228	100		
226	35.6	23.4	35.0#
229	30.2	15.6	23.4#

228 100

226 35.6 23.4 35.0#

229 30.2 15.6 23.4#

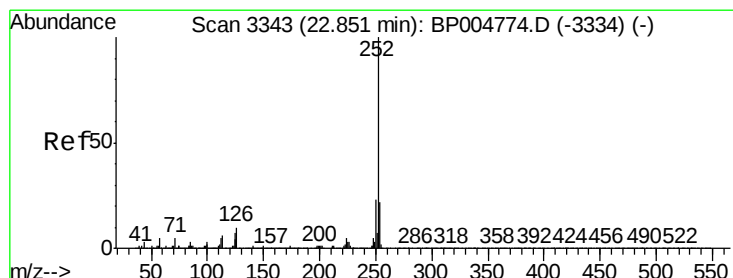
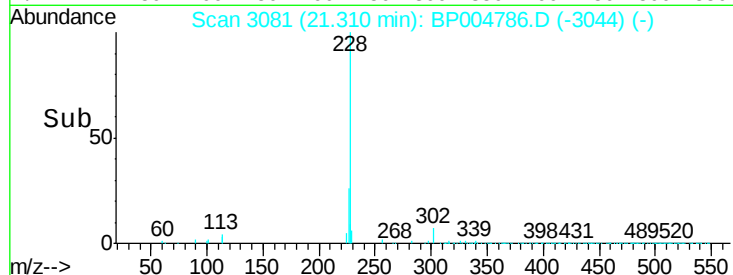
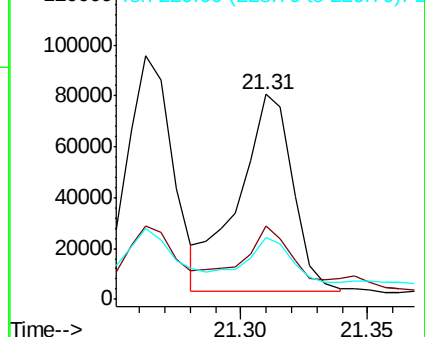


Abundance

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: 8.572 ng/ul

RT: 22.88 min Scan# 3348

Delta R.T. 0.02 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

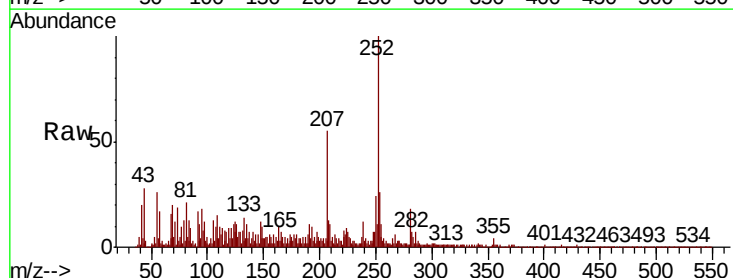
Tgt Ion:252 Resp: 149422

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.3	25.9#
125	12.1	5.9	8.9#

252 100

253 26.4 17.3 25.9#

125 12.1 5.9 8.9#

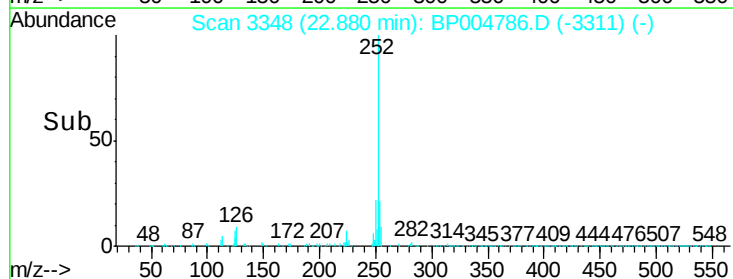
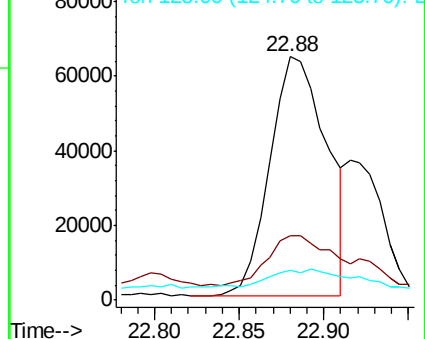


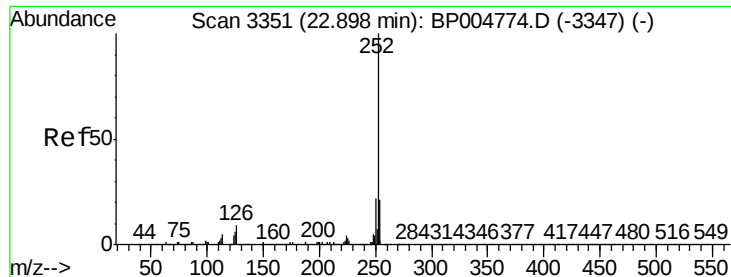
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 8.806 ng/ul

RT: 22.88 min Scan# 3348

Delta R.T. -0.03 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

Instrument :

BNA_P

ClientSampled :

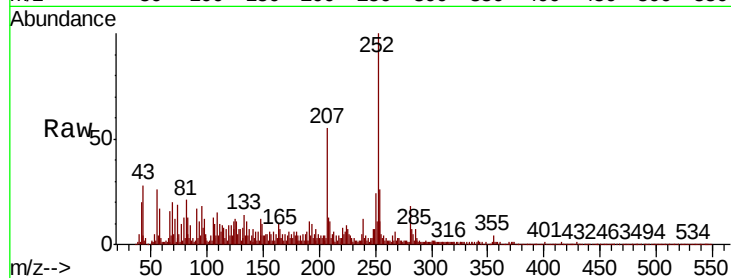
Tot Ion:252 Resp: 149422

Ion Ratio Lower Upper

252 100

253 26.4 17.2 25.8#

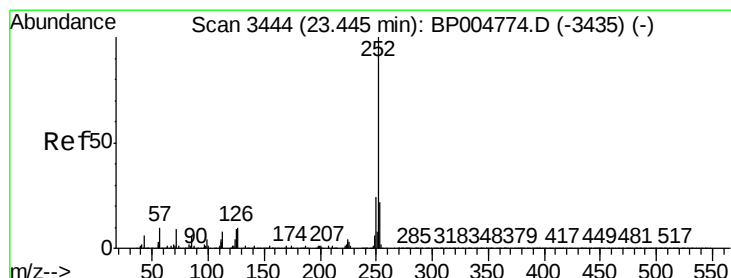
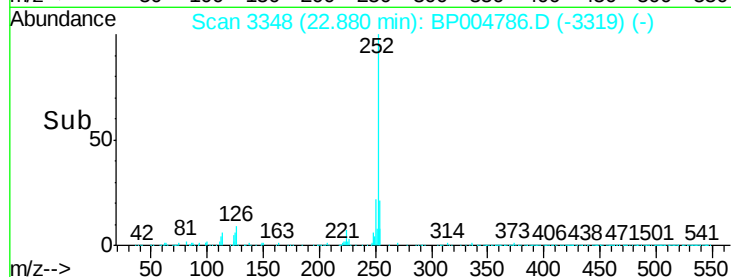
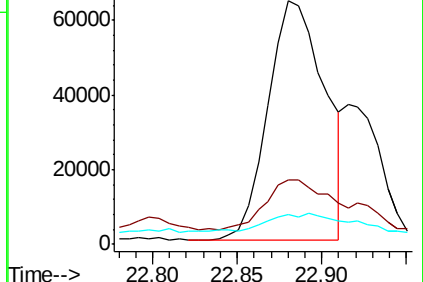
125 12.1 5.7 8.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 5.584 ng/ul

RT: 23.48 min Scan# 3450

Delta R.T. 0.02 min

Lab File: BP004786.D

Acq: 17 Feb 2021 22:31

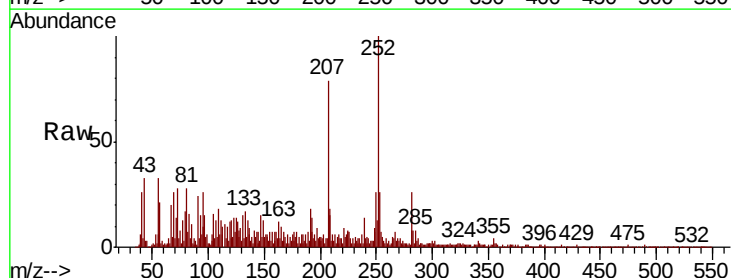
Tgt Ion:252 Resp: 85642

Ion Ratio Lower Upper

252 100

253 25.7 17.7 26.5

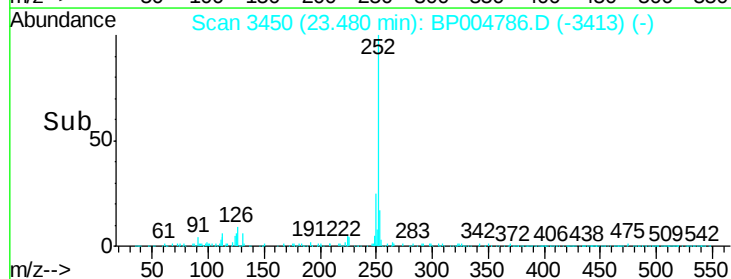
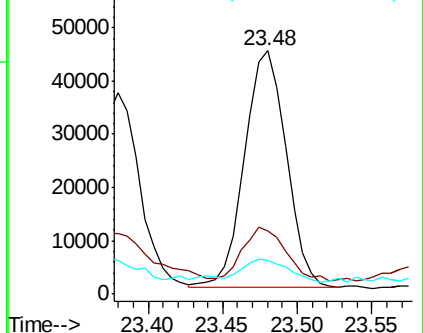
125 13.8 6.4 9.6#

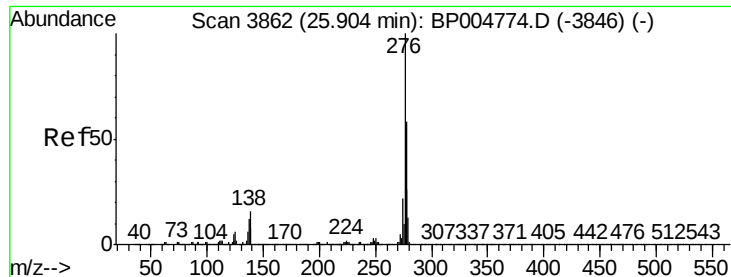


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



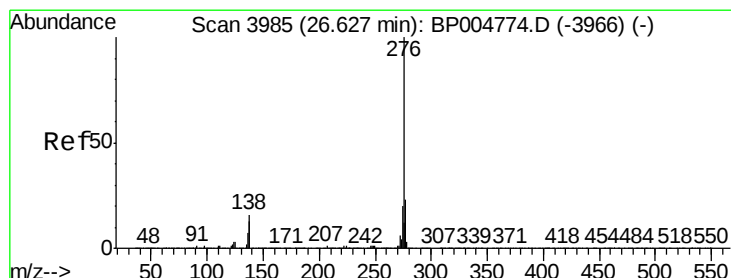
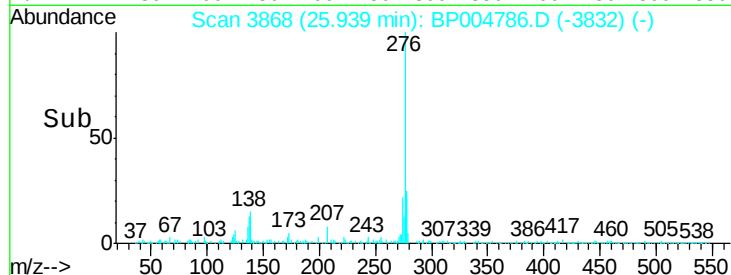
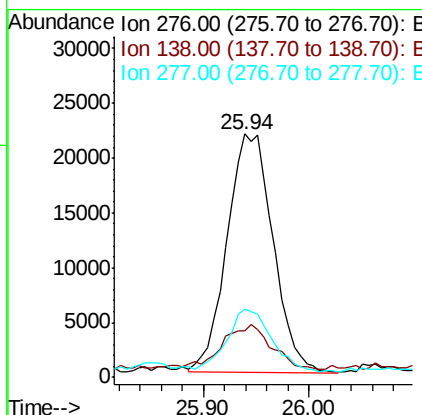
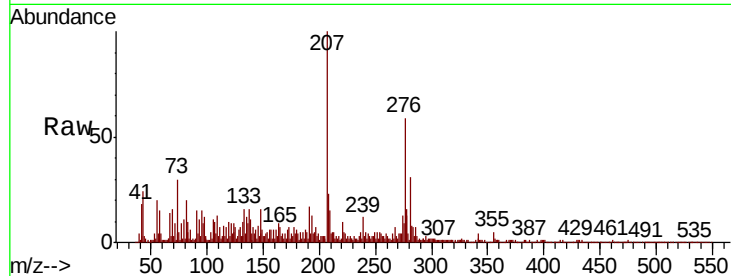


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.378 ng/ul
RT: 25.94 min Scan# 3868
Delta R.T. 0.01 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.0	14.3	21.5
277	27.9	18.5	27.7#



#94

Benzo(g,h,i)perylene
Concen: 3.676 ng/ul
RT: 26.67 min Scan# 3993
Delta R.T. 0.02 min
Lab File: BP004786.D
Acq: 17 Feb 2021 22:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	13.4	20.2#
277	29.3	18.6	28.0#

