

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP021721\
 Data File : BP004783.D
 Acq On : 17 Feb 2021 20:50
 Operator : CG/JU
 Sample : M1379-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 17 23:29:25 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	7.76	152	48565	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	183454	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	113693	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	243479	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	250558	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	253814	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	3161	2.52	ng/uL	0.00
5) Phenol-d5	6.94	99	62932	16.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	31223	15.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	49180	16.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.48	113	45732	14.91	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	23208	18.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	25311	18.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	48887	17.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	35698	11.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	153452	18.59	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	185800	18.51	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	20363	14.12	ng/ul	0.02
58) Fluorene-d10	15.41	176	130560	18.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	20280	13.78	ng/ul	0.00
71) Anthracene-d10	17.26	188	203543	18.96	ng/ul	0.00
79) Pyrene-d10	19.50	212	236155	20.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	247926	19.31	ng/ul	0.00

Target Compounds

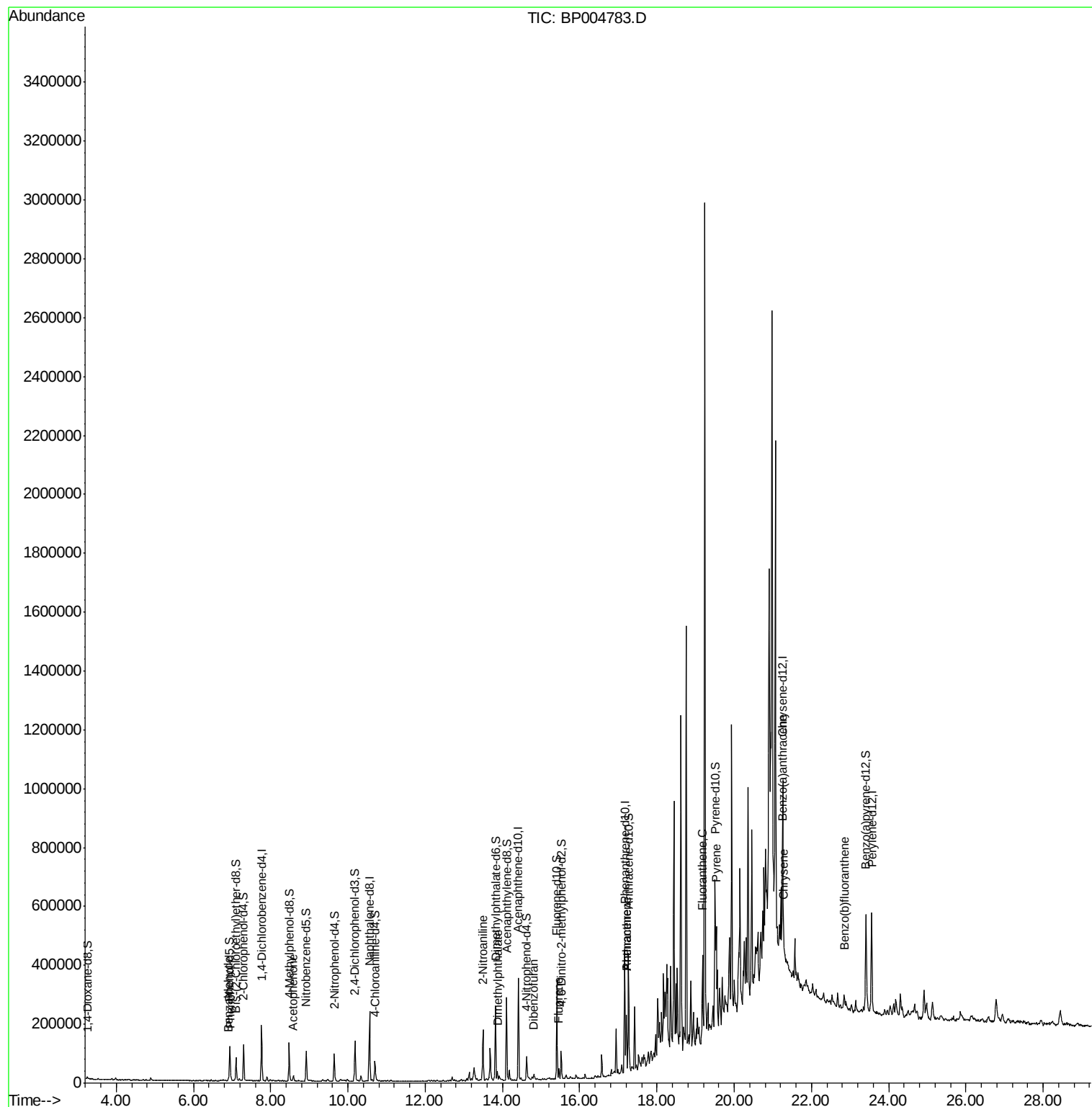
					Ovalue	
4) Benzaldehyde	6.91	77	2518	1.233	ng/ul	92
6) Phenol	6.97	94	5189	1.277	ng/ul	98
14) Acetophenone	8.59	105	9913	1.965	ng/ul	91
43) 2-Nitroaniline	13.49	65	2714	1.514	ng/ul#	41
45) Dimethylphthalate	13.87	163	17969	2.111	ng/ul#	96
54) Dibenzofuran	14.81	168	10372	1.030	ng/ul	93
59) Fluorene	15.46	166	11826	1.408	ng/ul	99
70) Phenanthrene	17.21	178	108943	8.399	ng/ul	98
72) Anthracene	17.21	178	109345	8.289	ng/ul	98
77) Fluoranthene	19.18	202	147962	9.497	ng/ul	98
80) Pyrene	19.53	202	167373	10.998	ng/ul	100
83) Benzo(a)anthracene	21.24	228	18683	1.245	ng/ul#	89
85) Chrysene	21.29	228	22680	1.524	ng/ul#	86
88) Benzo(b)fluoranthene	22.86	252	17983	1.126	ng/ul#	72

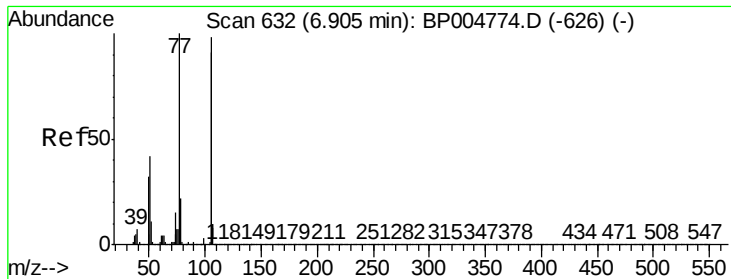
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.233 ng/ul

RT: 6.91 min Scan# 633

Delta R.T. -0.00 min

Lab File: BP004783.D

Acq: 17 Feb 2021 20:50

Instrument :

BNA_P

ClientSampleId :

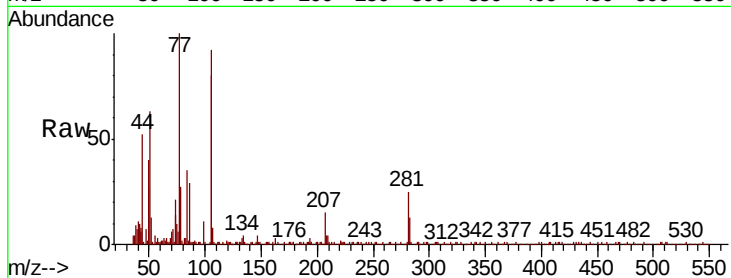
Tot Ion: 77 Resp: 2518

Ion Ratio Lower Upper

77 100

105 92.3 76.0 114.0

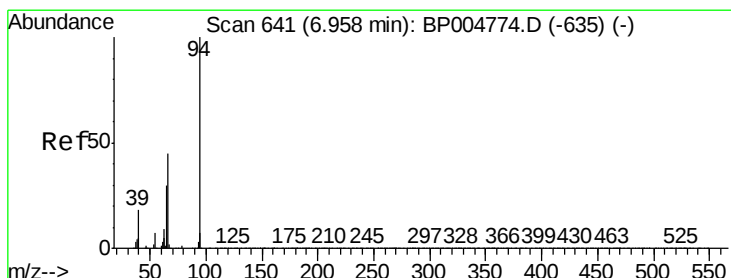
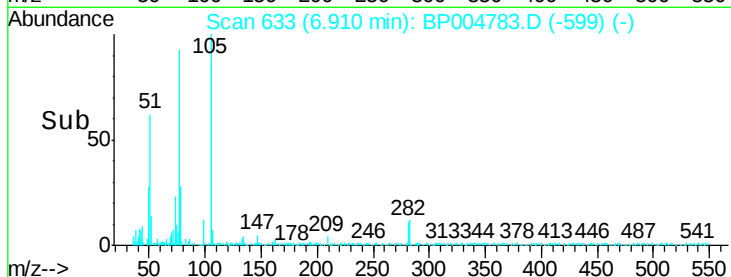
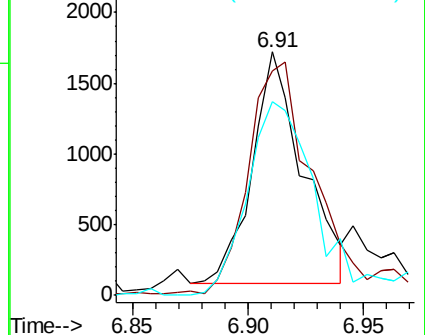
106 79.7 74.0 111.0



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

Phenol

Concen: 1.277 ng/ul

RT: 6.97 min Scan# 643

Delta R.T. 0.01 min

Lab File: BP004783.D

Acq: 17 Feb 2021 20:50

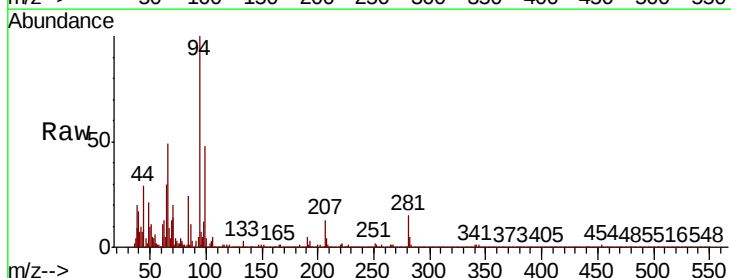
Tgt Ion: 94 Resp: 5189

Ion Ratio Lower Upper

94 100

65 30.3 24.8 37.2

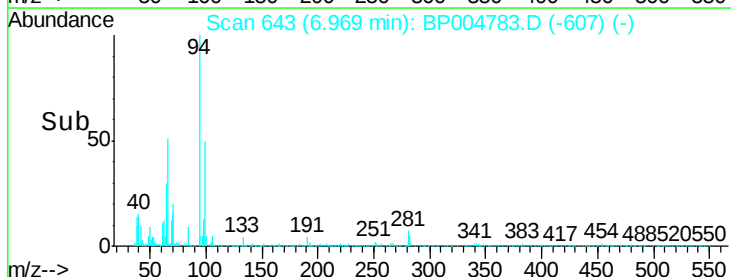
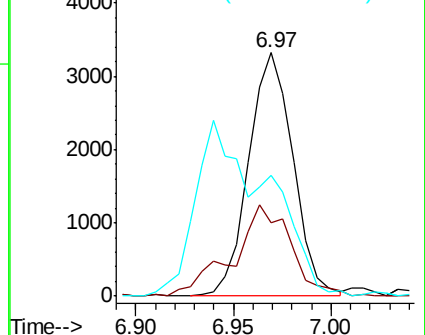
66 49.4 38.1 57.1

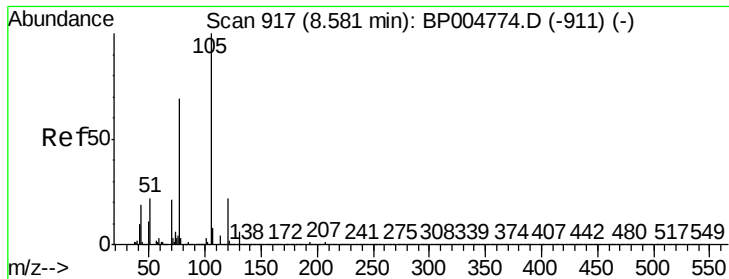


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

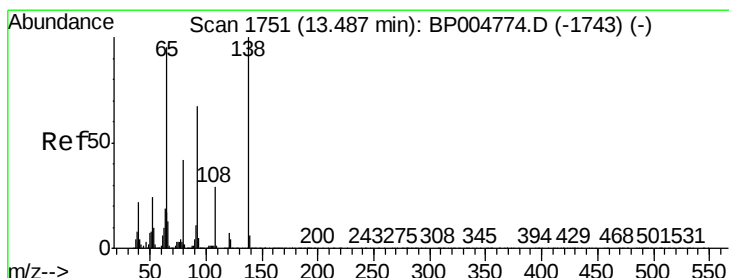
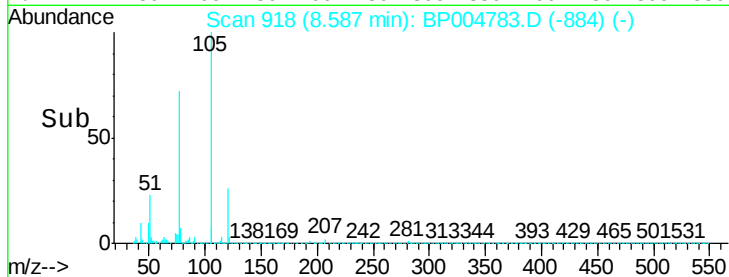
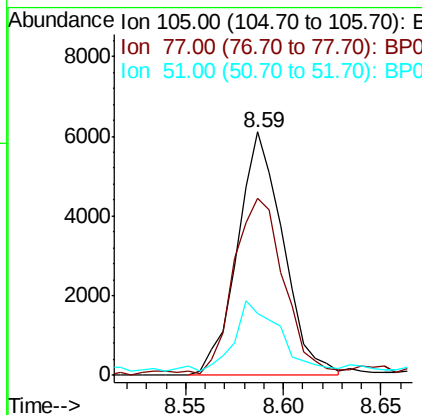
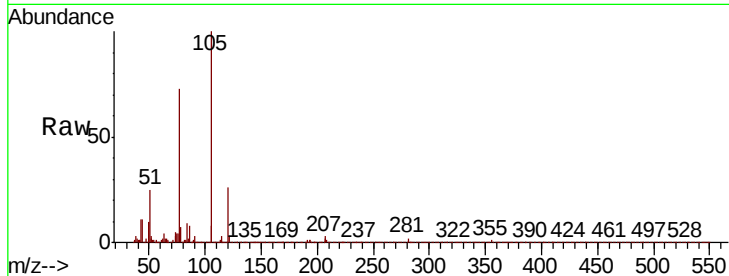




#14
Acetophenone
Concen: 1.965 ng/ul
RT: 8.59 min Scan# 918
Delta R.T. -0.00 min
Lab File: BP004783.D
Acq: 17 Feb 2021 20:50

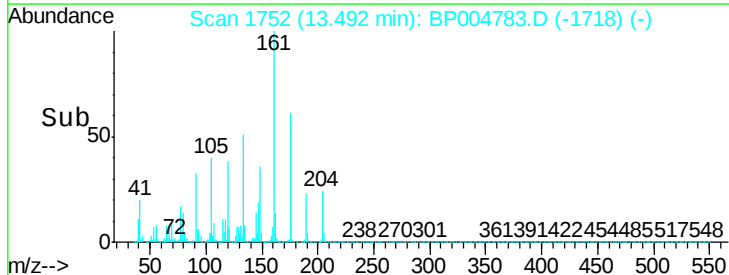
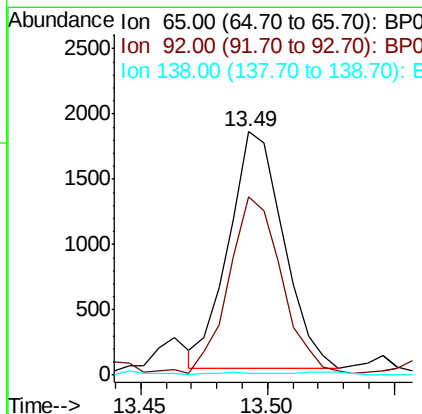
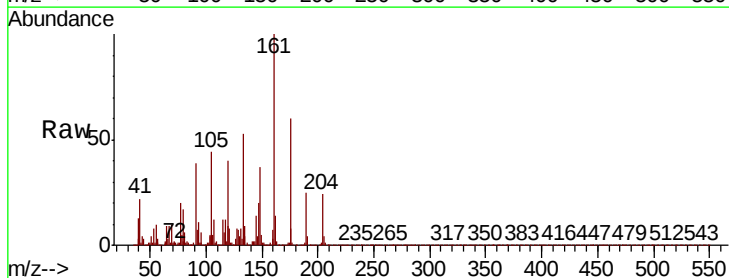
Instrument :
BNA_P
ClientSampleId :

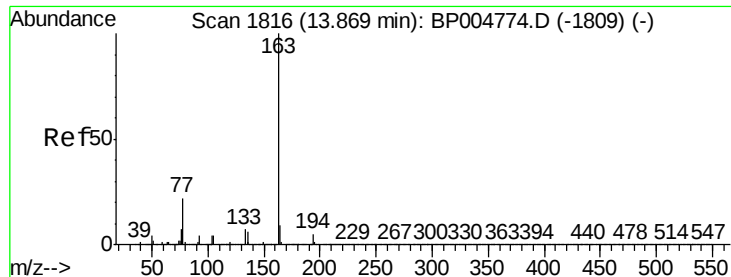
Tot Ion: 105 Resp: 9913
Ion Ratio Lower Upper
105 100
77 72.7 66.5 99.7
51 25.5 20.2 30.2



#43
2-Nitroaniline
Concen: 1.514 ng/ul
RT: 13.49 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BP004783.D
Acq: 17 Feb 2021 20:50

Tgt Ion: 65 Resp: 2714
Ion Ratio Lower Upper
65 100
92 73.4 57.3 85.9
138 0.8 80.9 121.3#





#45

Dimethylphthalate

Concen: 2.111 ng/ul

RT: 13.87 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BP004783.D

Acq: 17 Feb 2021 20:50

Instrument :

BNA_P

ClientSampleId :

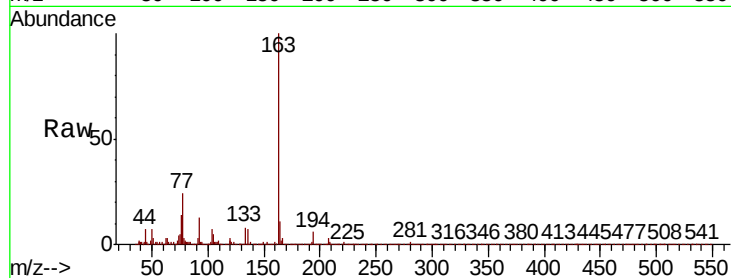
Tot Ion:163 Resp: 17969

Ion Ratio Lower Upper

163 100

194 5.7 3.8 5.6#

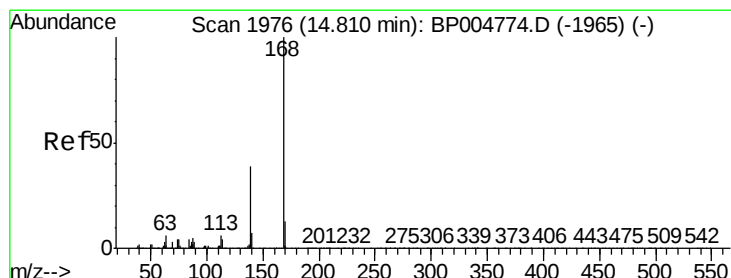
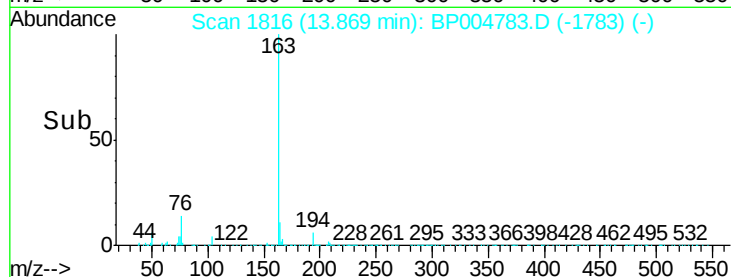
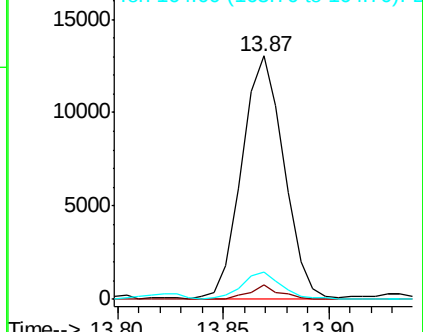
164 11.4 8.0 12.0



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



#54

Dibenzofuran

Concen: 1.030 ng/ul

RT: 14.81 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BP004783.D

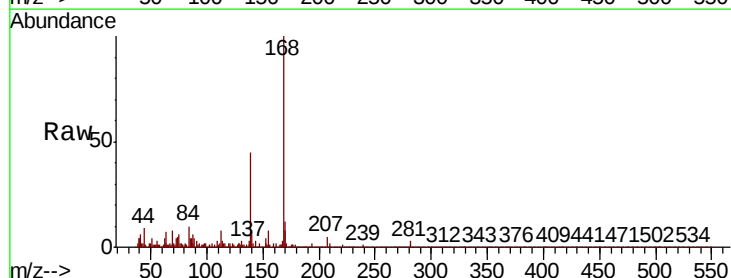
Acq: 17 Feb 2021 20:50

Tgt Ion:168 Resp: 10372

Ion Ratio Lower Upper

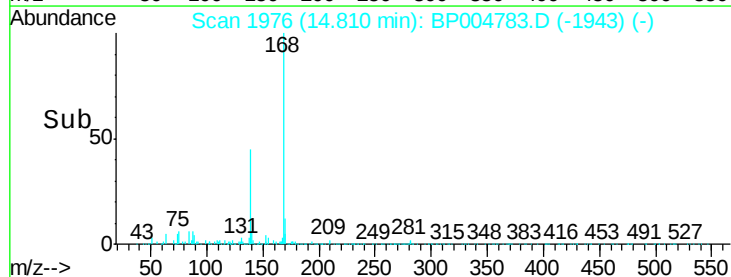
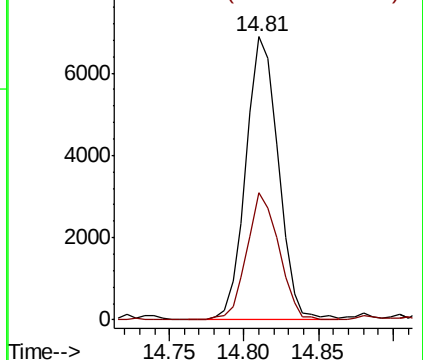
168 100

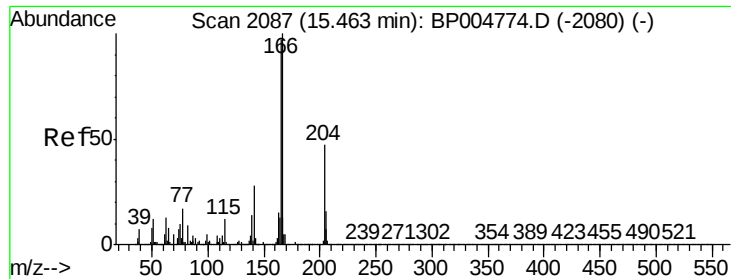
139 45.0 32.5 48.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 1.408 ng/ul

RT: 15.46 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BP004783.D

Acq: 17 Feb 2021 20:50

Instrument :

BNA_P

ClientSampled :

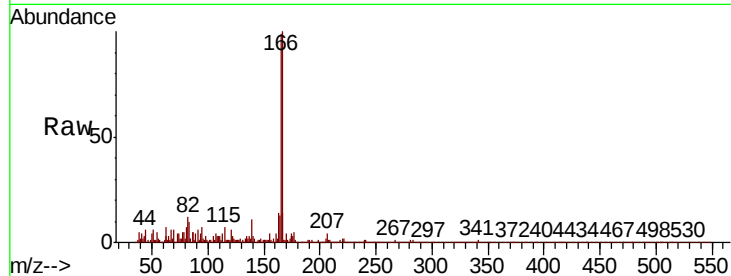
Tot Ion:166 Resp: 11826

Ion Ratio Lower Upper

166 100

165 99.2 79.8 119.8

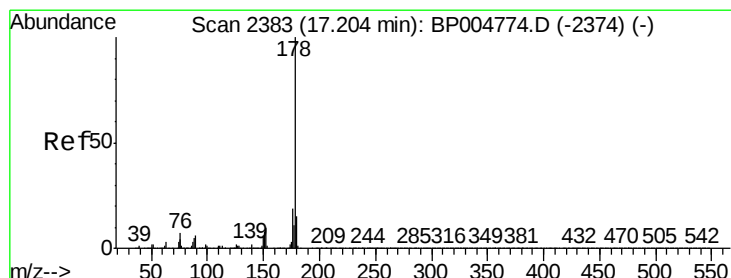
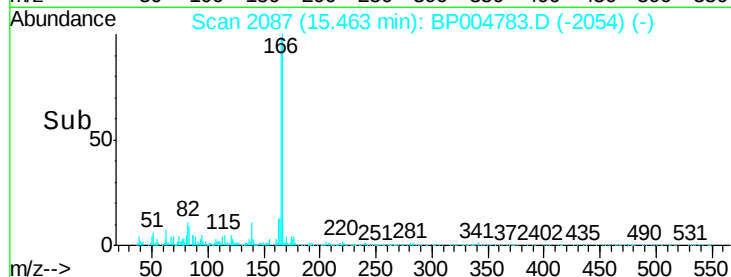
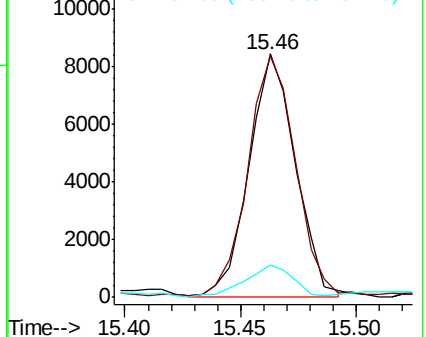
167 13.5 10.9 16.3



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: 8.399 ng/ul

RT: 17.21 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BP004783.D

Acq: 17 Feb 2021 20:50

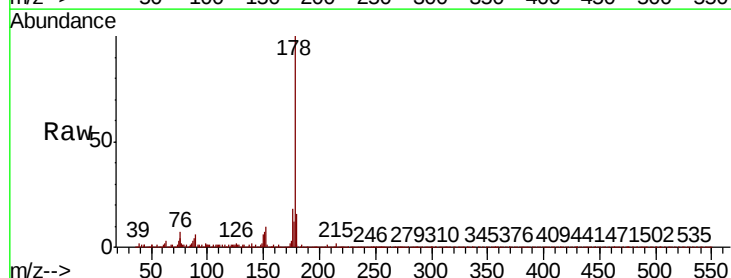
Tgt Ion:178 Resp: 108943

Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

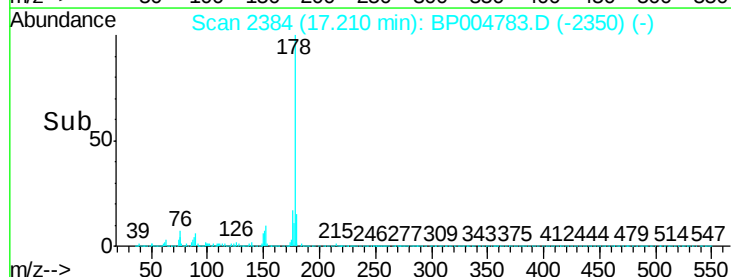
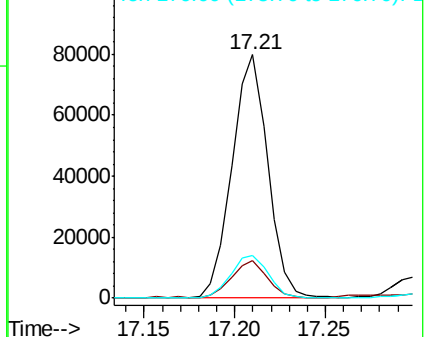
176 17.5 15.1 22.7

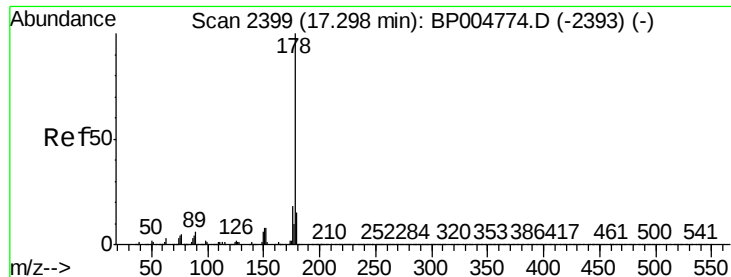


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 8.289 ng/ul

RT: 17.21 min Scan# 2384

Delta R.T. -0.09 min

Lab File: BP004783.D

Acq: 17 Feb 2021 20:50

Instrument :

BNA_P

ClientSampleId :

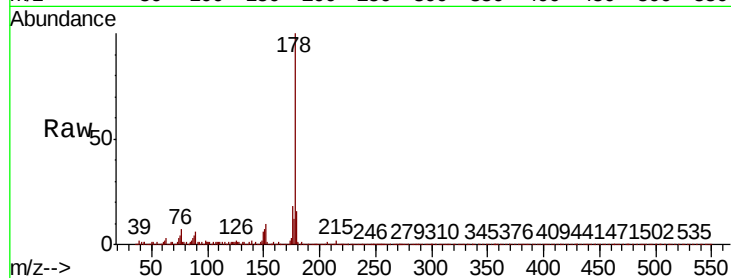
Tot Ion:178 Resp: 109345

Ion Ratio Lower Upper

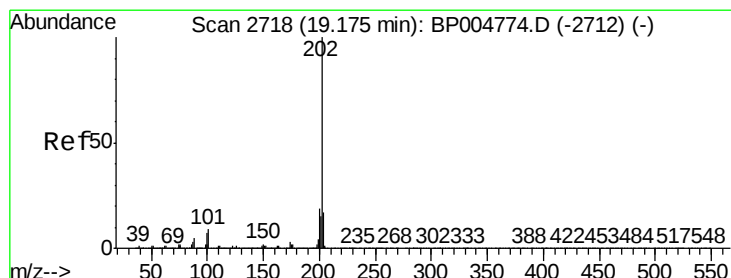
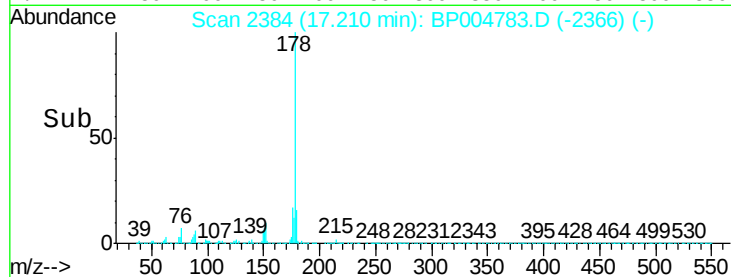
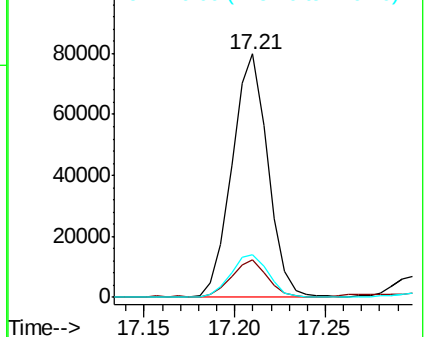
178 100

179 15.6 12.7 19.1

176 17.5 15.1 22.7



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



#77

Fluoranthene

Concen: 9.497 ng/ul

RT: 19.18 min Scan# 2719

Delta R.T. -0.00 min

Lab File: BP004783.D

Acq: 17 Feb 2021 20:50

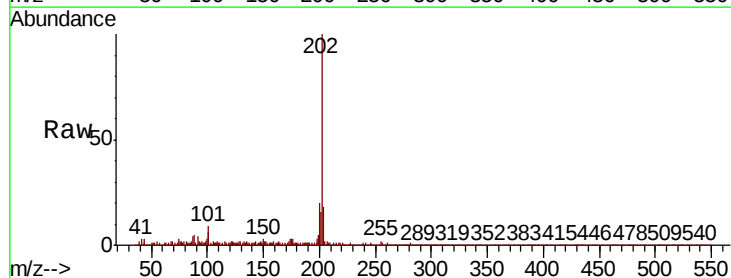
Tgt Ion:202 Resp: 147962

Ion Ratio Lower Upper

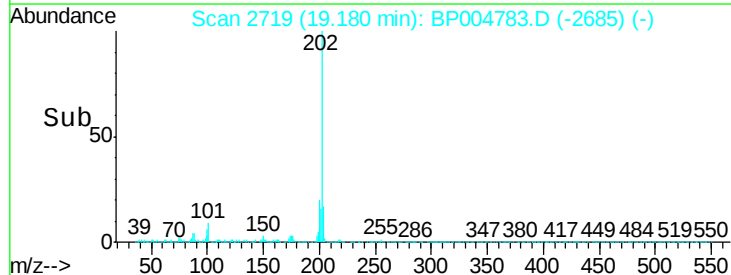
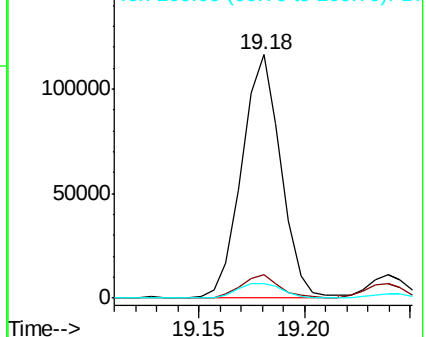
202 100

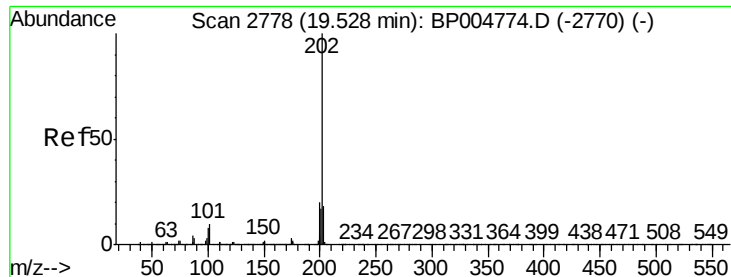
101 9.4 7.1 10.7

100 6.0 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): E

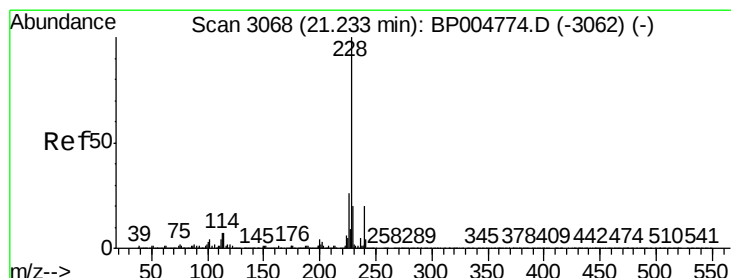
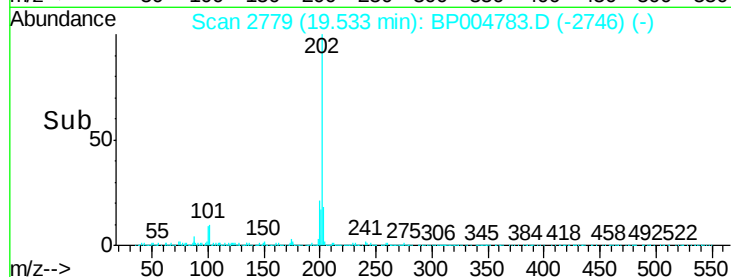
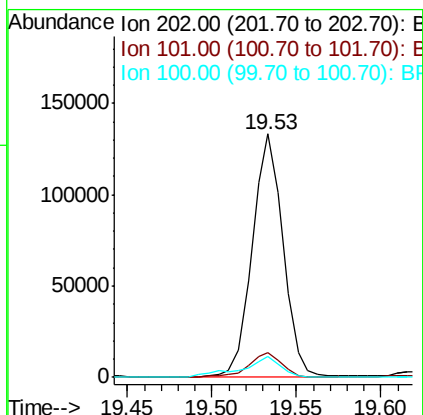
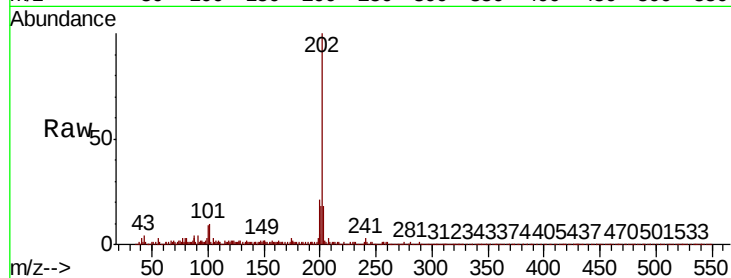




#80
 Pvrene
 Concen: 10.998 ng/ul
 RT: 19.53 min Scan# 2779
 Delta R.T. -0.01 min
 Lab File: BP004783.D
 Acq: 17 Feb 2021 20:50

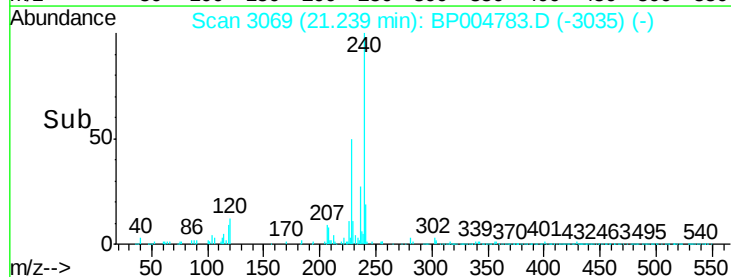
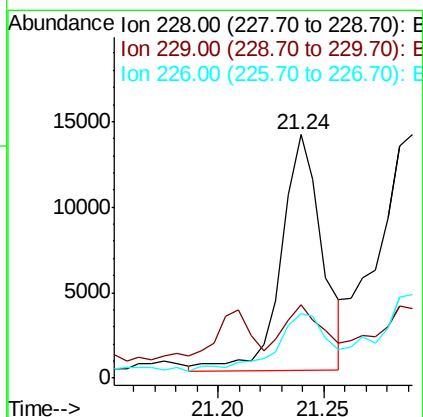
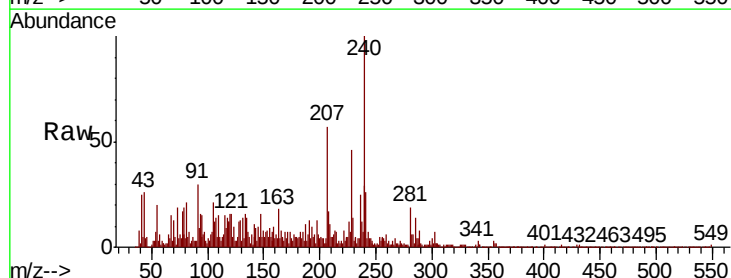
Instrument :
 BNA_P
 ClientSampleId :

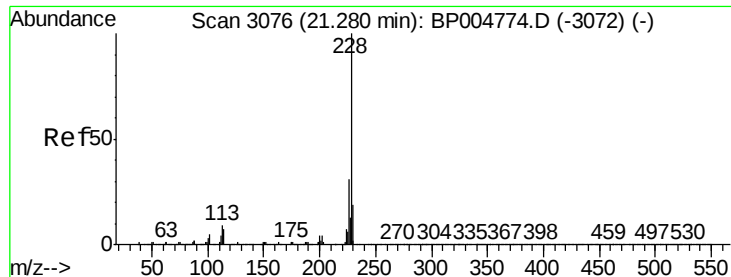
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.0	12.0
100	8.6	6.9	10.3



#83
 Benzo(a)anthracene
 Concen: 1.245 ng/ul
 RT: 21.24 min Scan# 3069
 Delta R.T. -0.00 min
 Lab File: BP004783.D
 Acq: 17 Feb 2021 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	30.0	15.5	23.3#
226	26.6	22.2	33.4





#85

Chrysene

Concen: 1.524 ng/ul

RT: 21.29 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BP004783.D

Acq: 17 Feb 2021 20:50

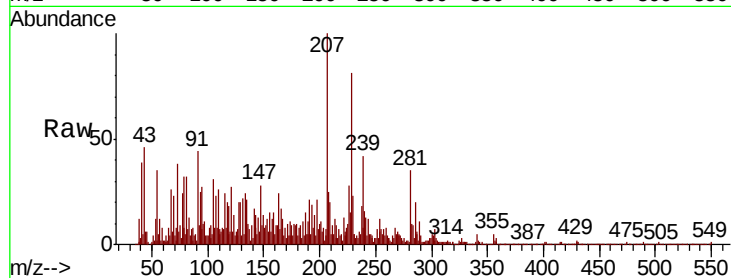
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 22680

Ion	Ratio	Lower	Upper
228	100		
226	34.3	23.4	35.0
229	28.7	15.6	23.4

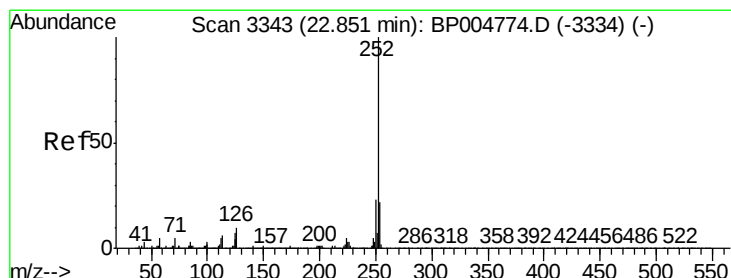
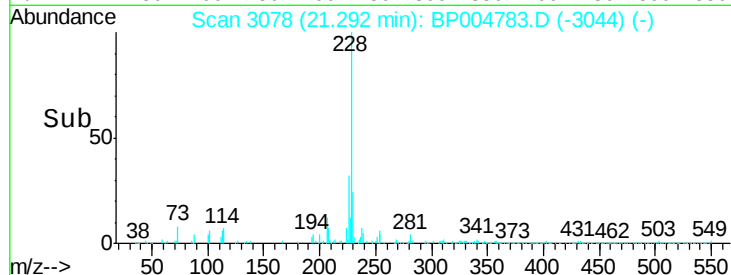
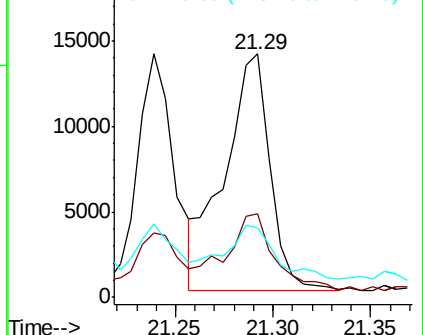


Abundance

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: 1.126 ng/ul

RT: 22.86 min Scan# 3344

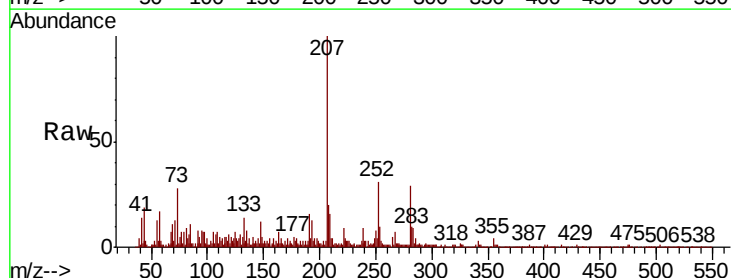
Delta R.T. -0.01 min

Lab File: BP004783.D

Acq: 17 Feb 2021 20:50

Tgt Ion:252 Resp: 17983

Ion	Ratio	Lower	Upper
252	100		
253	33.2	17.3	25.9
125	21.3	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

