

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP021920\
 Data File : BP001785.D
 Acq On : 19 Feb 2020 18:54
 Operator : CG/JU
 Sample : L1424-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 20 00:54:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 02:37:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	418490	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1752393	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1092144	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2401386	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2522908	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2661083	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	39263	3.90	ng/uL	0.00
5) Phenol-d5	6.83	99	677961	21.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	416656	22.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	591348	23.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	489974	19.53	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	268434	22.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	265047	24.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	566143	22.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	723700	23.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1807115	23.58	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	2188858	23.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	224397	16.81	ng/ul	0.00
58) Fluorene-d10	15.29	176	1650218	23.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	153415	16.20	ng/ul	0.00
71) Anthracene-d10	17.14	188	2420117	22.88	ng/ul	0.00
79) Pyrene-d10	19.39	212	2954457	22.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	3157463	24.57	ng/ul	0.00

Target Compounds

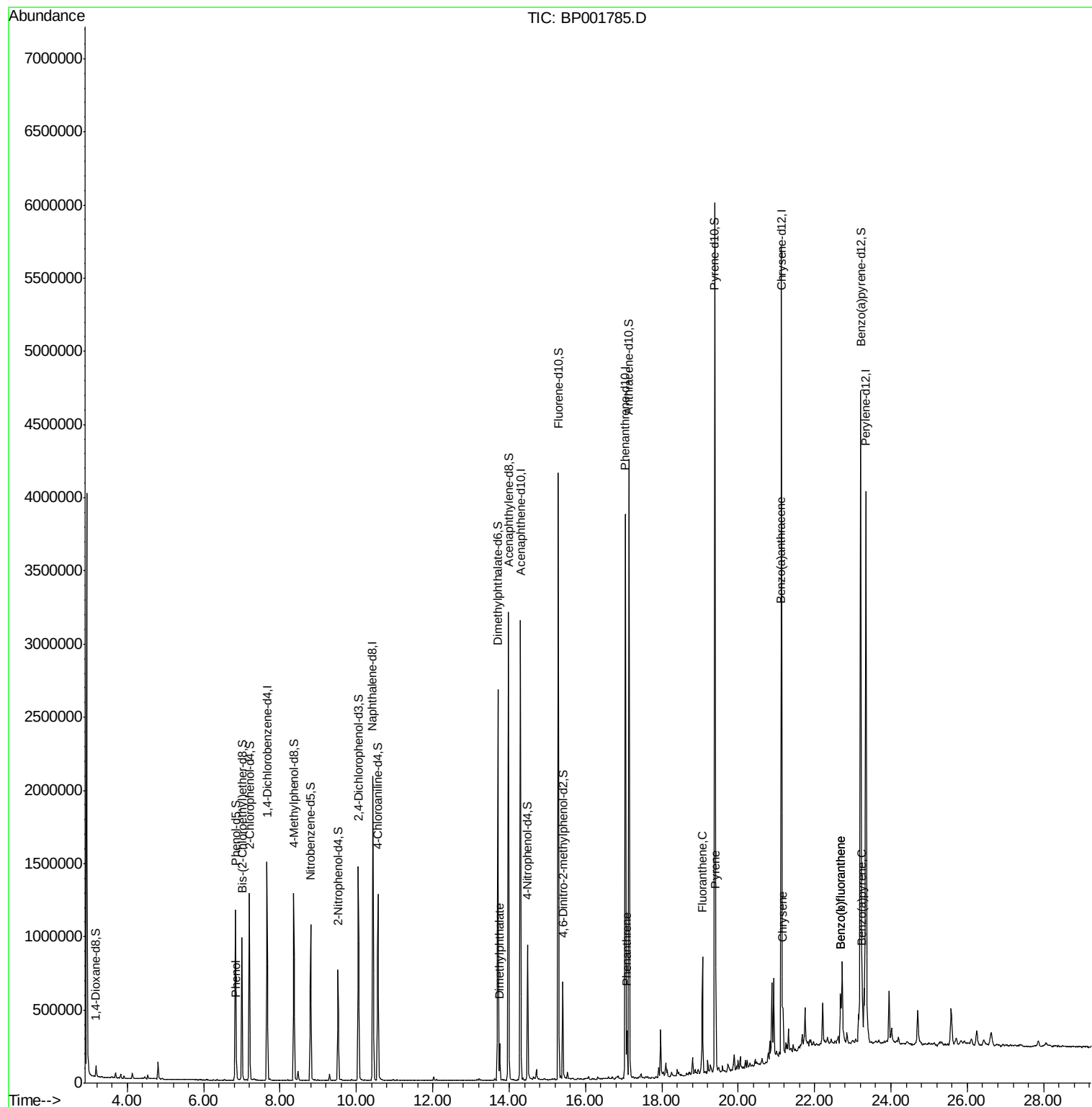
					Ovalue
6) Phenol	6.86	94	47342	1.413 ng/ul	94
45) Dimethylphthalate	13.75	163	156954	1.946 ng/ul	100
70) Phenanthrene	17.09	178	199267	1.505 ng/ul	99
77) Fluoranthene	19.06	202	487744	3.439 ng/ul	98
80) Pyrene	19.41	202	461603	2.690 ng/ul	99
83) Benzo(a)anthracene	21.12	228	254858	1.534 ng/ul	99
85) Chrysene	21.17	228	248504	1.531 ng/ul	97
88) Benzo(b)fluoranthene	22.68	252	307133	1.961 ng/ul	97
89) Benzo(k)fluoranthene	22.68	252	307133	1.892 ng/ul	98
91) Benzo(a)pyrene	23.25	252	219675	1.497 ng/ul	98

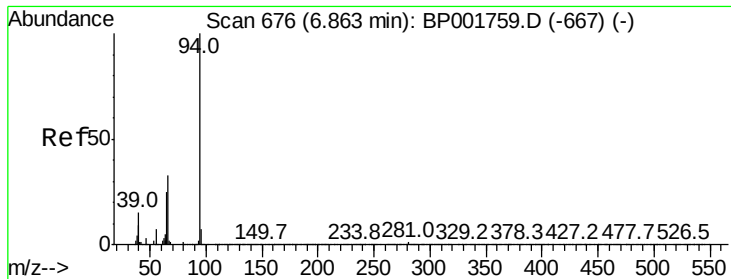
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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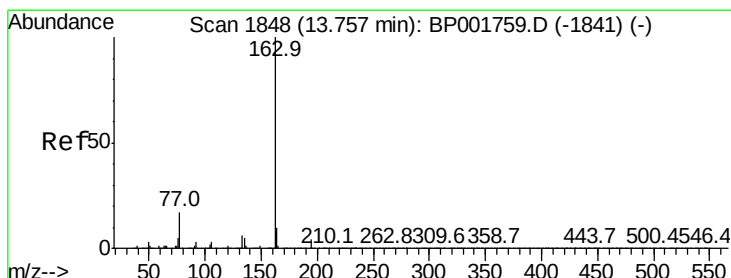
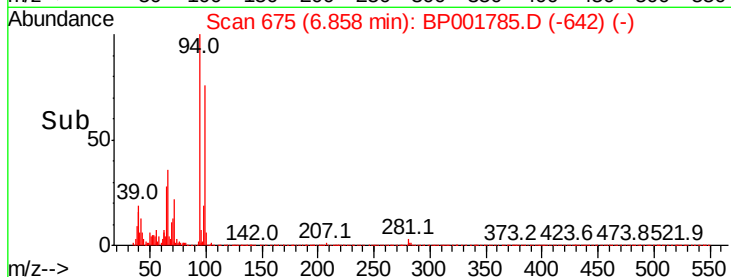
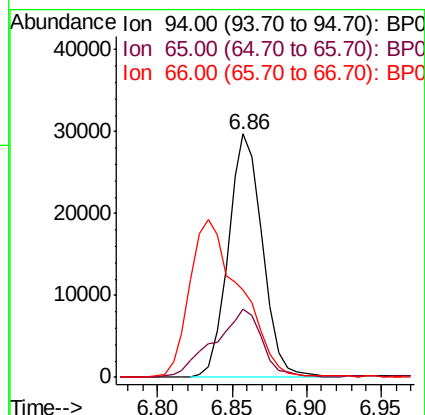
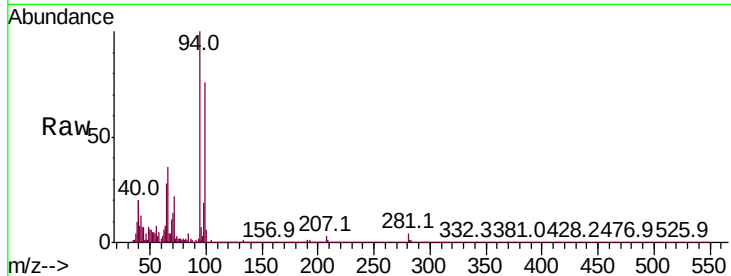
#6

Phenol

Concen: 1.413 ng/ul
 RT: 6.86 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BP001785.D
 Acq: 19 Feb 2020 18:54

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	94	Resp	47342
Ion Ratio	Lower	Upper	
94	100		
65	28.1	19.8	29.6
66	36.2	26.6	39.8

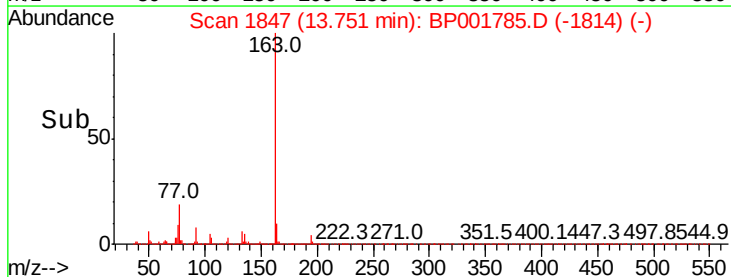
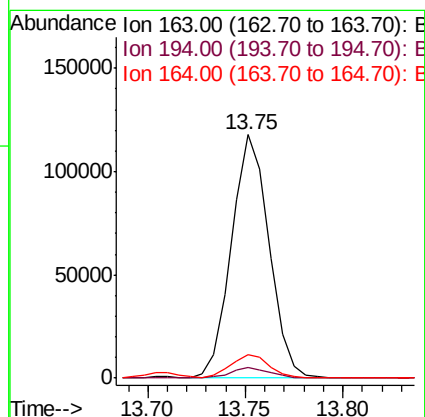
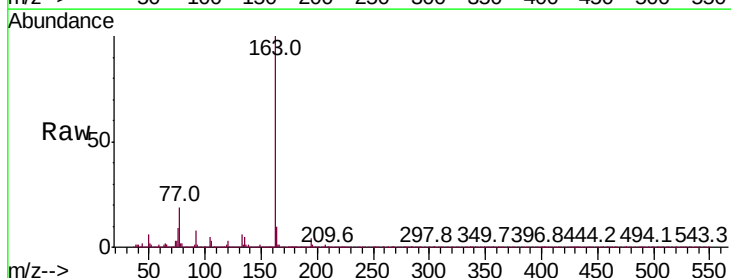


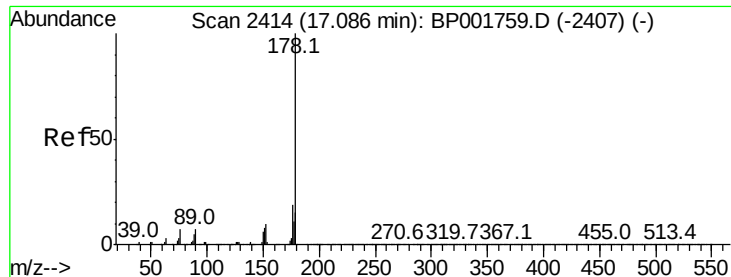
#45

Dimethylphthalate

Concen: 1.946 ng/ul
 RT: 13.75 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BP001785.D
 Acq: 19 Feb 2020 18:54

Tgt Ion	163	Resp	156954
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.5	5.3
164	9.9	8.0	12.0





#70

Phenanthrene

Concen: 1.505 ng/ul

RT: 17.09 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BP001785.D

Acq: 19 Feb 2020 18:54

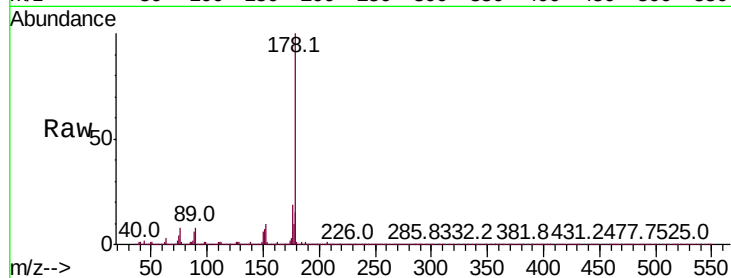
Instrument :

BNA_P

ClientSampleId :

Tot Ion:178 Resp: 199267

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.9	15.3	22.9

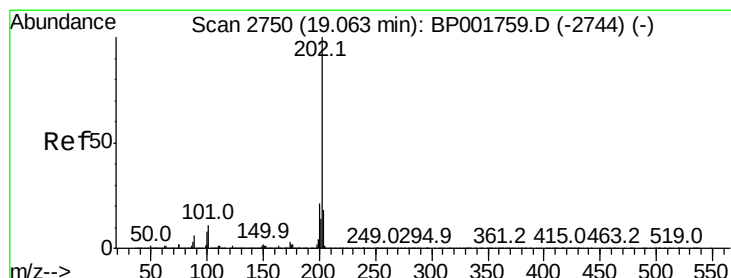
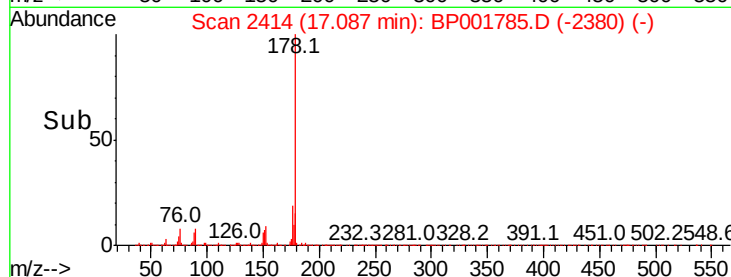
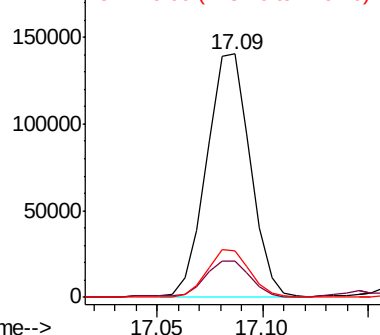


Abundance

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: 3.439 ng/ul

RT: 19.06 min Scan# 2750

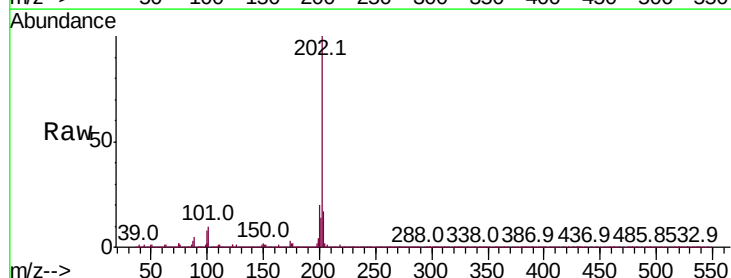
Delta R.T. 0.00 min

Lab File: BP001785.D

Acq: 19 Feb 2020 18:54

Tgt Ion:202 Resp: 487744

Ion	Ratio	Lower	Upper
202	100		
101	10.2	9.1	13.7
100	8.3	6.6	9.8

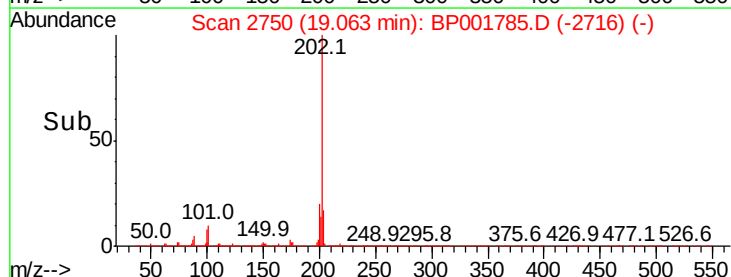
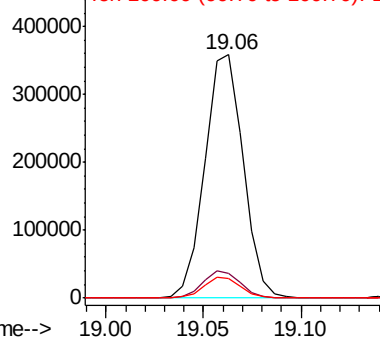


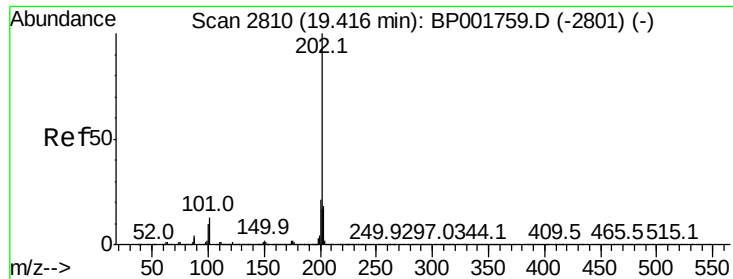
Abundance

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

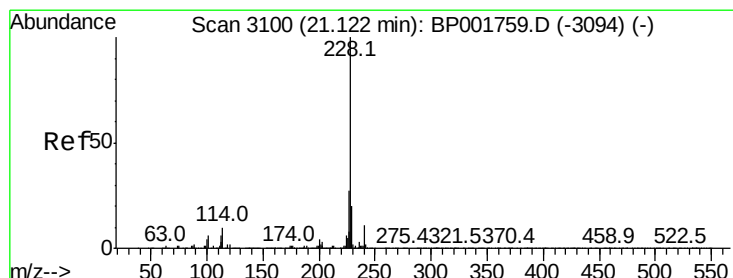
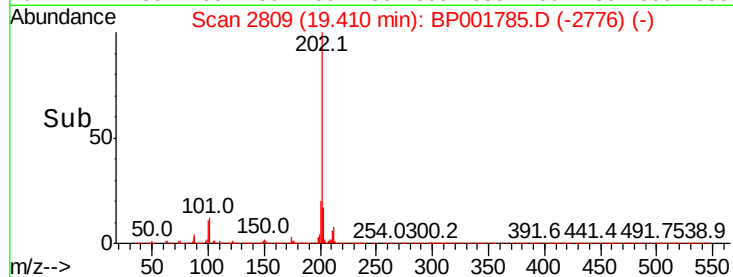
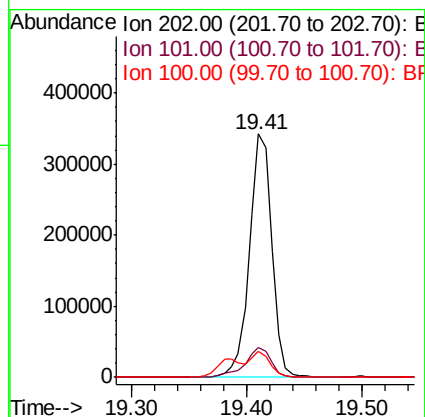
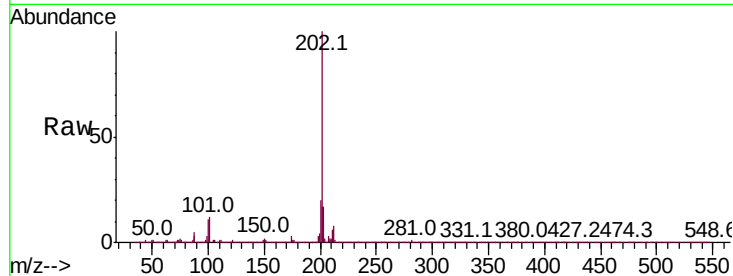




#80
Pvrene
Concen: 2.690 ng/ul
RT: 19.41 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BP001785.D
Acq: 19 Feb 2020 18:54

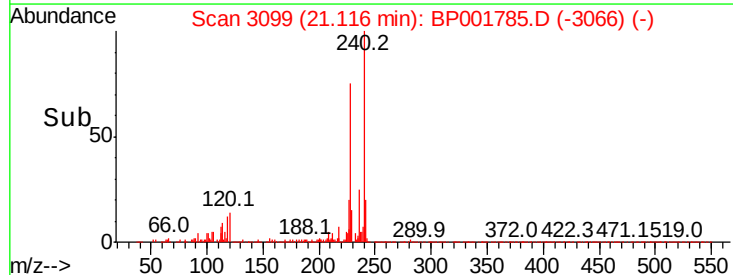
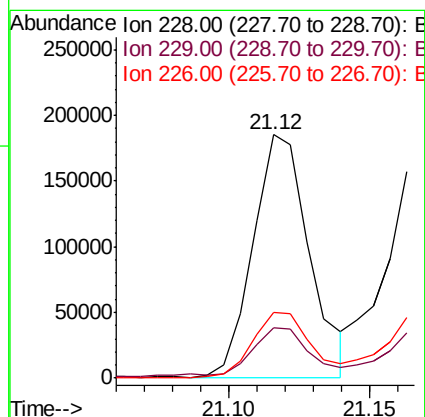
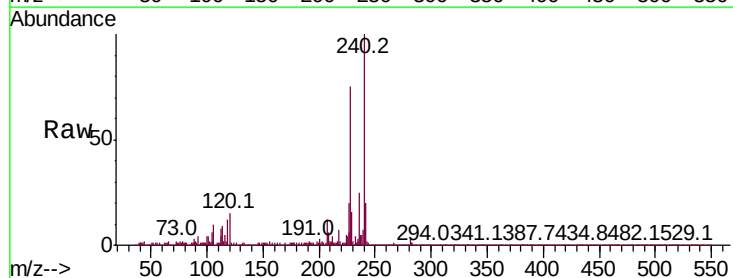
Instrument :
BNA_P
ClientSampleId :

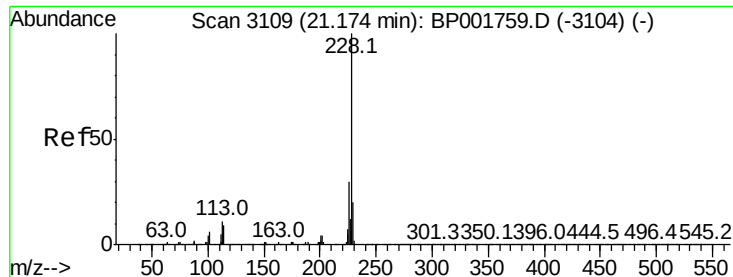
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.2	15.2
100	10.9	8.2	12.2



#83
Benzo(a)anthracene
Concen: 1.534 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BP001785.D
Acq: 19 Feb 2020 18:54

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.4
226	27.2	22.0	33.0





#85

Chrysene

Concen: 1.531 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BP001785.D

Acq: 19 Feb 2020 18:54

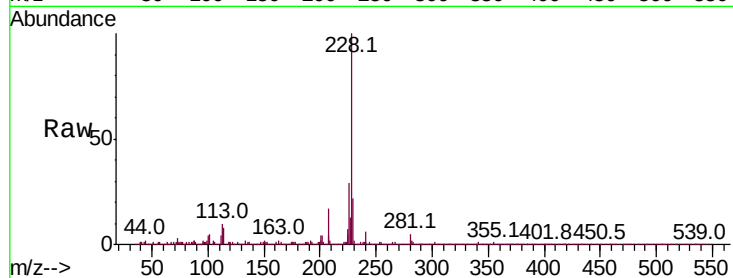
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 248504

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.2	36.2
229	21.8	15.7	23.5

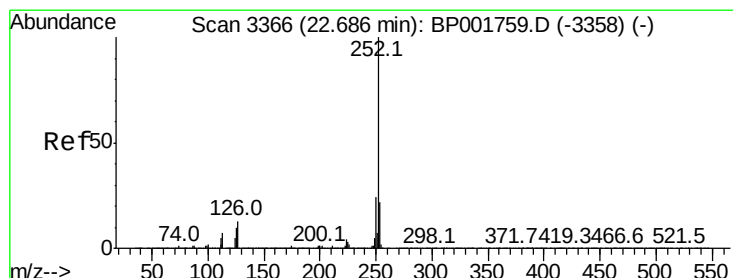
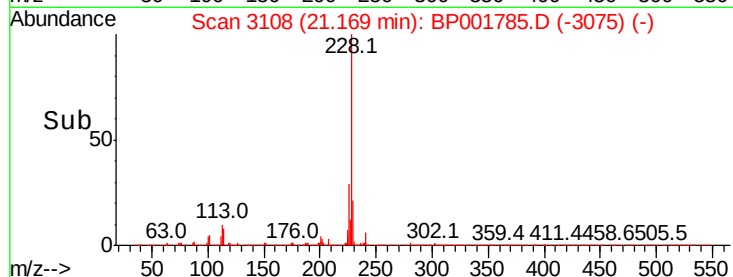
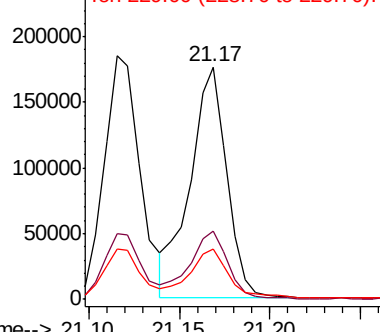


Abundance

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: 1.961 ng/ul

RT: 22.68 min Scan# 3365

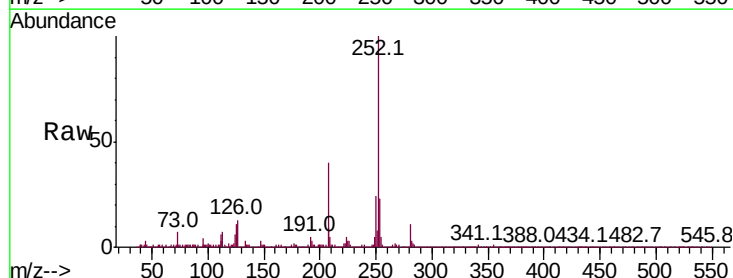
Delta R.T. -0.01 min

Lab File: BP001785.D

Acq: 19 Feb 2020 18:54

Tgt Ion:252 Resp: 307133

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	10.9	7.8	11.6

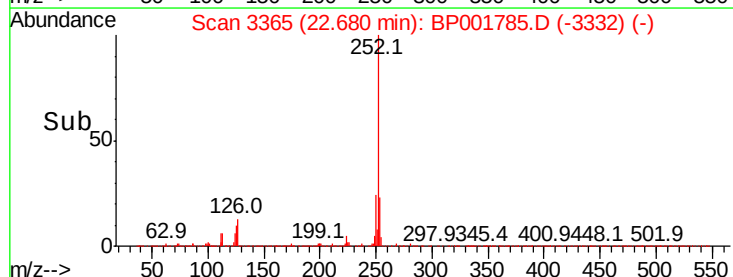
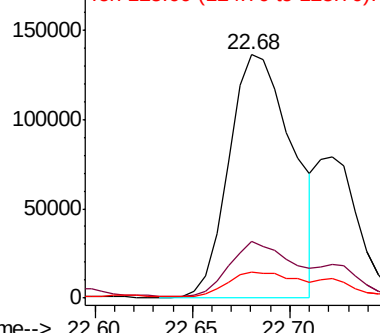


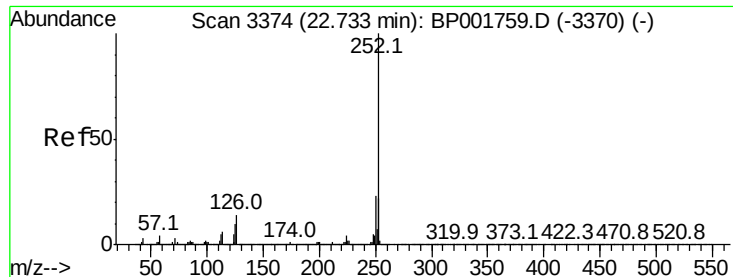
Abundance

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

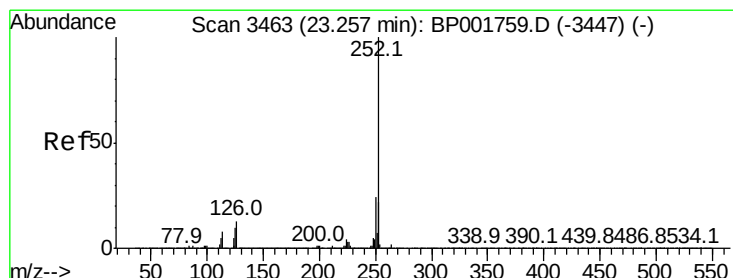
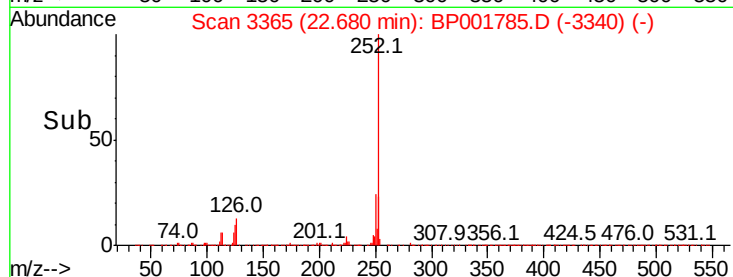
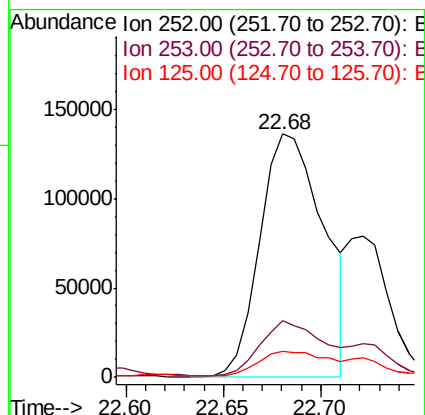
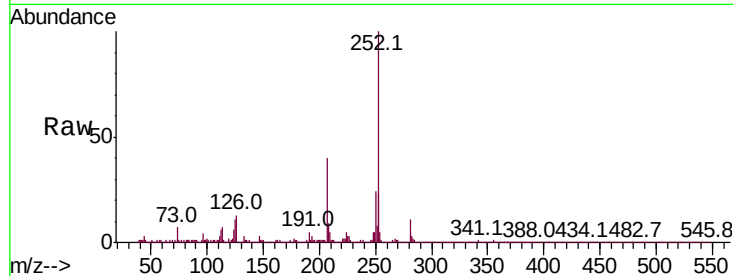




#89
Benzo(k)fluoranthene
Concen: 1.892 ng/ul
RT: 22.68 min Scan# 3365
Delta R.T. -0.05 min
Lab File: BP001785.D
Acq: 19 Feb 2020 18:54

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	10.9	8.0	12.0



#91
Benzo(a)pyrene
Concen: 1.497 ng/ul
RT: 23.25 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BP001785.D
Acq: 19 Feb 2020 18:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	12.0	8.3	12.5

