

Data File : BP001810.D
Acq On : 20 Feb 2020 19:33
Operator : CG/JU
Sample : L1418-18
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5B20

Quant Time: Feb 21 07:15:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 21 07:12:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	380970	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1557964	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	968962	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	2099391	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2184619	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2333485	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	21210	2.31	ng/uL	0.00
5) Phenol-d5	6.83	99	412173	14.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	242569	14.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	366318	15.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	284722	12.47	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	171629	16.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	178289	18.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	351311	15.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	428049	15.96	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1097556	16.14	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1331530	15.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	134369	11.35	ng/ul	0.00
58) Fluorene-d10	15.29	176	982091	16.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	90492	10.93	ng/ul	0.00
71) Anthracene-d10	17.14	188	1463726	15.83	ng/ul	0.00
79) Pyrene-d10	19.39	212	1794167	16.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	1927506	17.10	ng/ul	0.00

Target Compounds

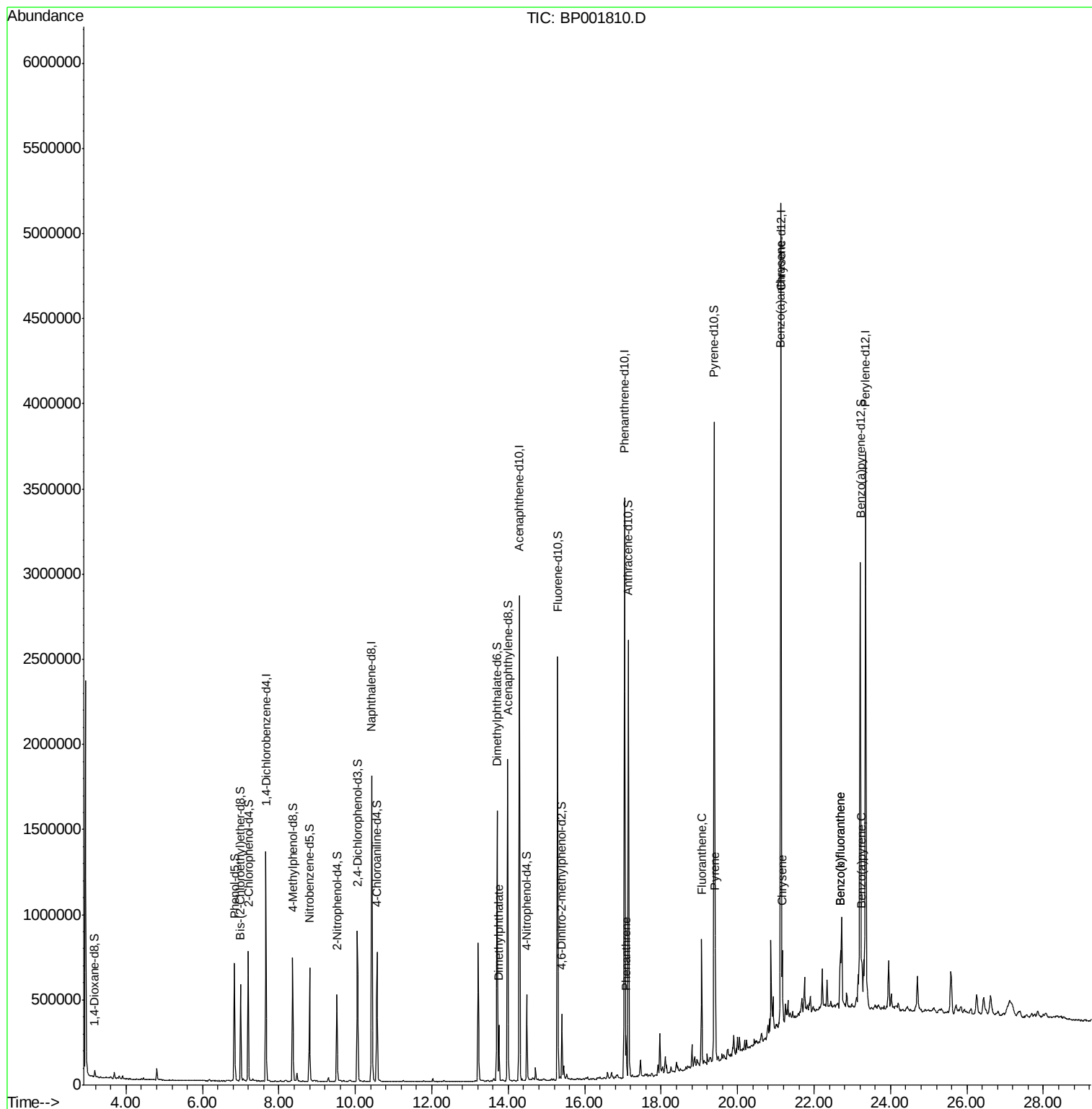
						Qvalue
45) Dimethylphthalate	13.75	163	202032	2.823	ng/ul	99
70) Phenanthrene	17.09	178	158833	1.372	ng/ul	98
77) Fluoranthene	19.06	202	435729	3.515	ng/ul	97
80) Pyrene	19.41	202	414020	2.786	ng/ul	99
83) Benzo(a)anthracene	21.12	228	234700	1.631	ng/ul	97
85) Chrysene	21.17	228	230935	1.643	ng/ul	97
88) Benzo(b)fluoranthene	22.69	252	311162	2.266	ng/ul	97
89) Benzo(k)fluoranthene	22.69	252	311162	2.186	ng/ul	97
91) Benzo(a)pyrene	23.25	252	214583	1.668	ng/ul	98

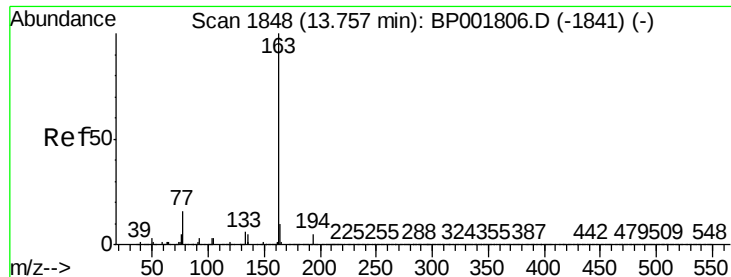
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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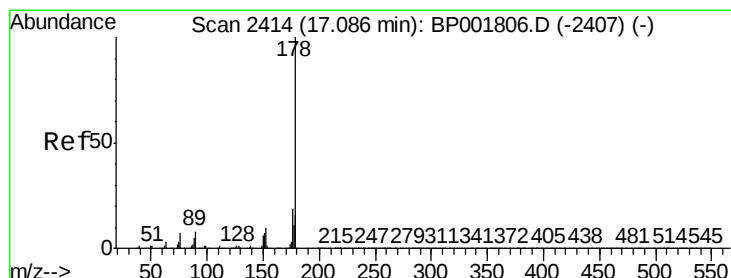
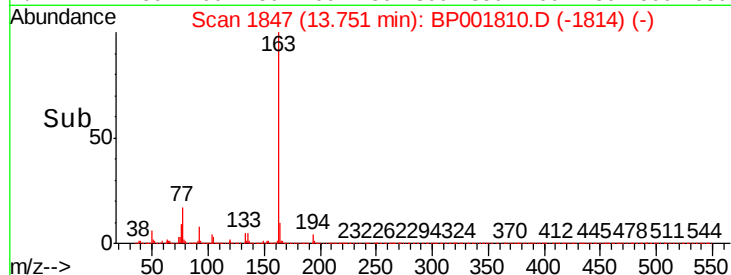
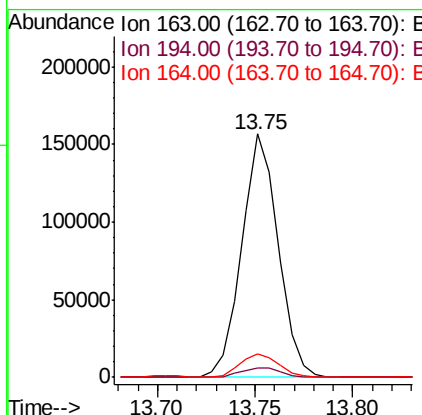
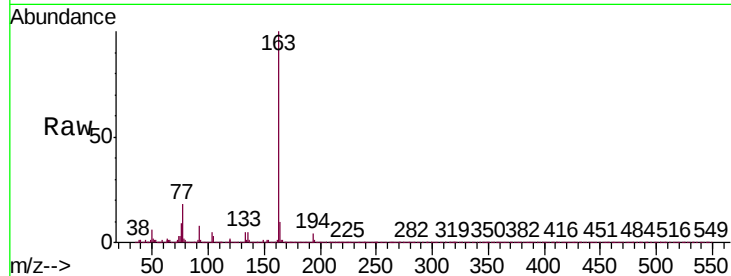




#45
Dimethylphthalate
Concen: 2.823 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP001810.D
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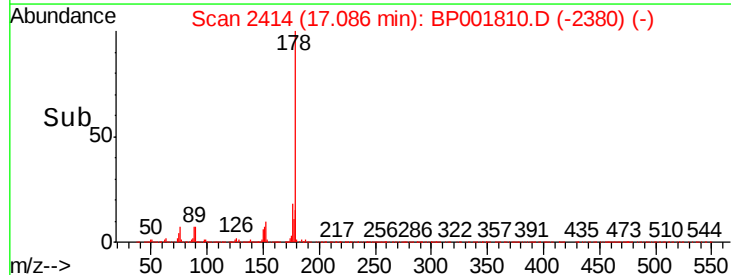
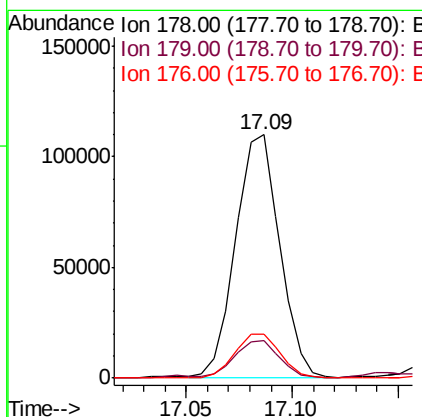
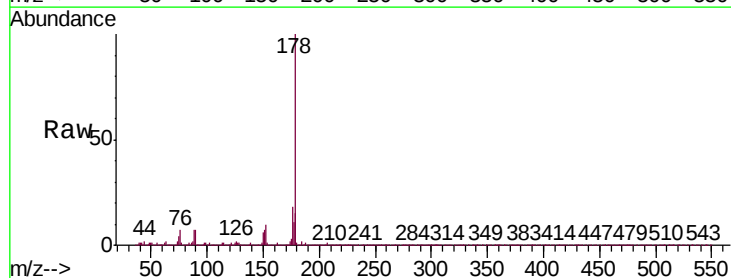
Instrument :
BNA_P
ClientSampleId :
C5B20

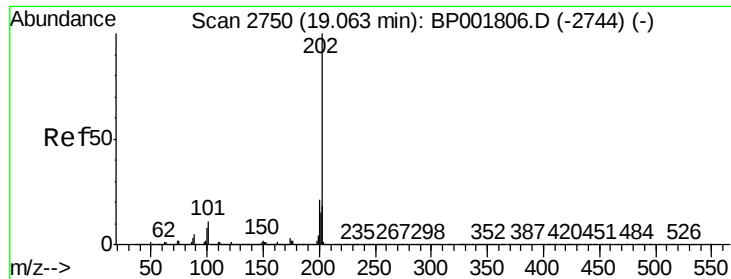
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	9.9	8.0	12.0



#70
Phenanthrene
Concen: 1.372 ng/ul
RT: 17.09 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BP001810.D
Acq: 20 Feb 2020 19:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.0	15.3	22.9

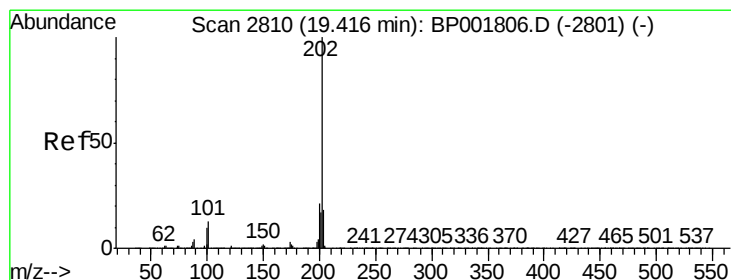
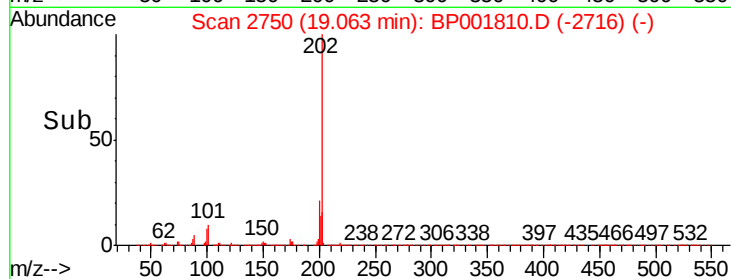
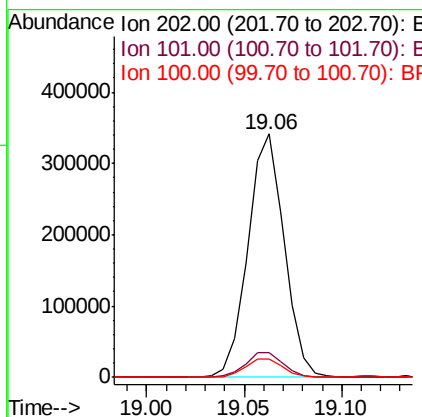
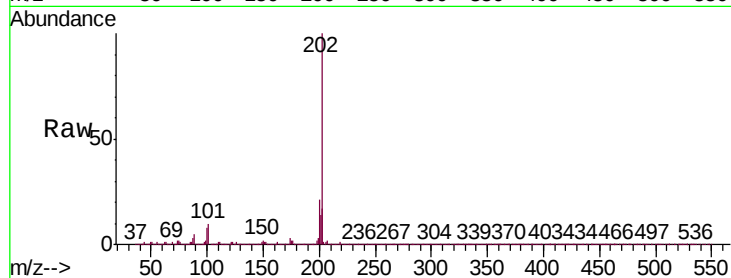




#77
 Fluoranthene
 Concen: 3.515 ng/ul
 RT: 19.06 min Scan# 2750
 Delta R.T. -0.00 min
 Lab File: BP001810.D
 Acq: 20 Feb 2020 19:33

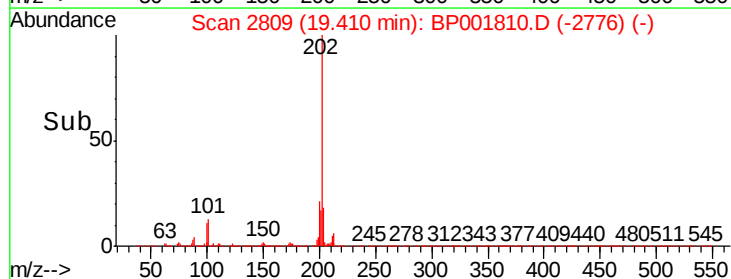
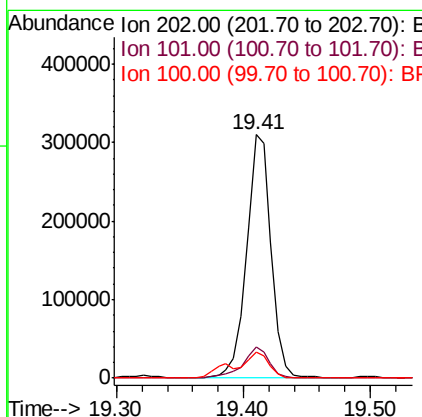
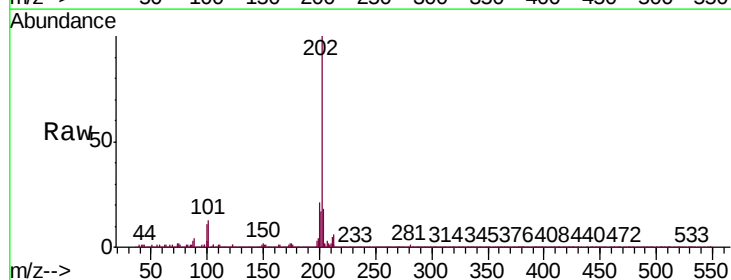
Instrument :
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 C5B20

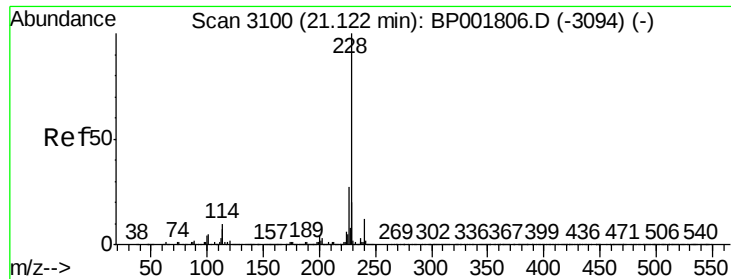
Tgt Ion:	202	Resp:	435729
Ion Ratio	Lower	Upper	
202	100		
101	9.9	9.1	13.7
100	7.6	6.6	9.8



#80
 Pyrene
 Concen: 2.786 ng/ul
 RT: 19.41 min Scan# 2809
 Delta R.T. -0.01 min
 Lab File: BP001810.D
 Acq: 20 Feb 2020 19:33

Tgt Ion:	202	Resp:	414020
Ion Ratio	Lower	Upper	
202	100		
101	12.8	10.2	15.2
100	10.5	8.2	12.2





#83

Benzo(a)anthracene

Concen: 1.631 ng/ul

RT: 21.12 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BP001810.D

Acq: 20 Feb 2020 19:33

Instrument :

BNA_P

ClientSampled :

C5B20

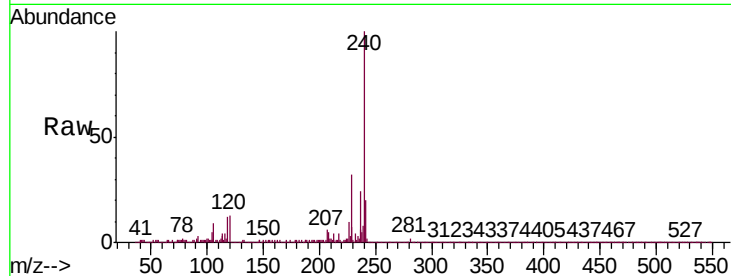
Tgt Ion:228 Resp: 234700

Ion Ratio Lower Upper

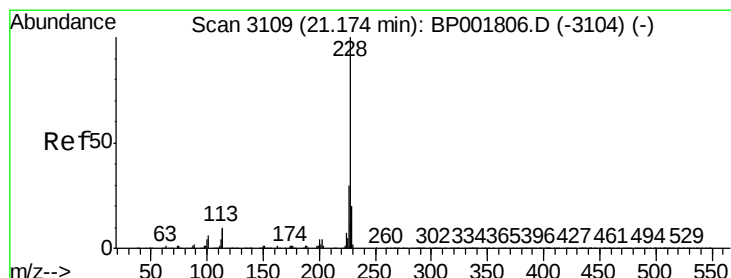
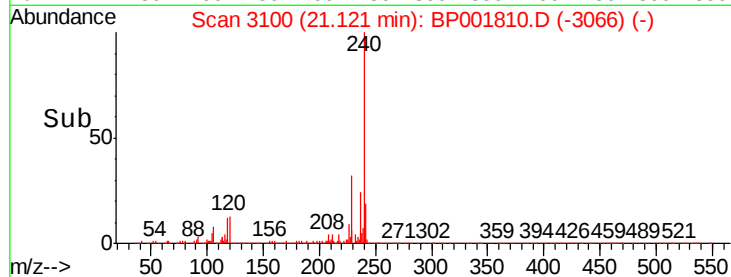
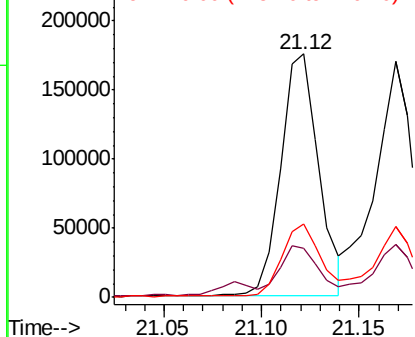
228 100

229 20.4 16.2 24.4

226 29.9 22.0 33.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 1.643 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BP001810.D

Acq: 20 Feb 2020 19:33

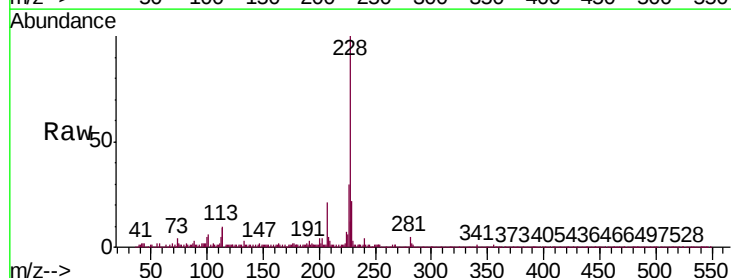
Tgt Ion:228 Resp: 230935

Ion Ratio Lower Upper

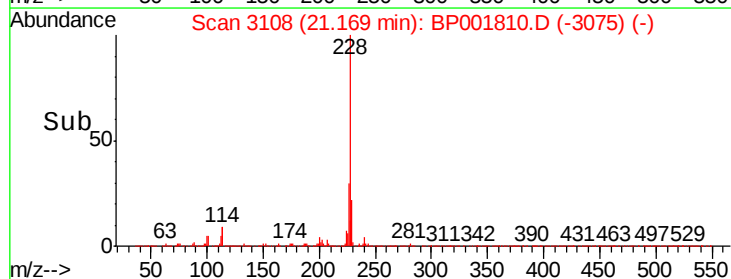
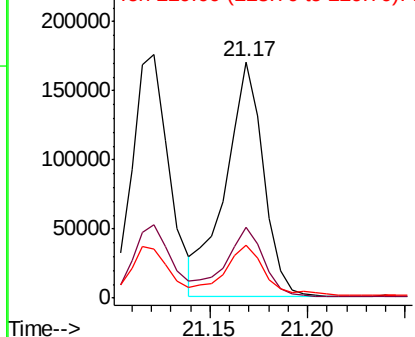
228 100

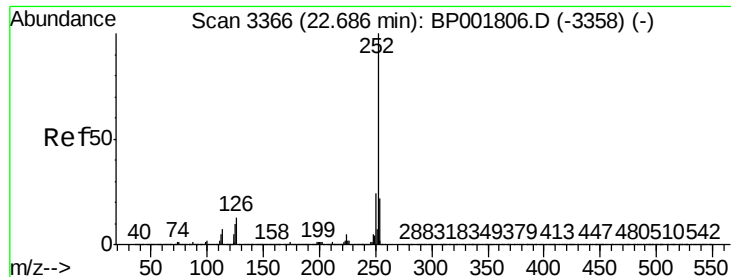
226 30.0 24.2 36.2

229 22.4 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: 2.266 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BP001810.D

Acq: 20 Feb 2020 19:33

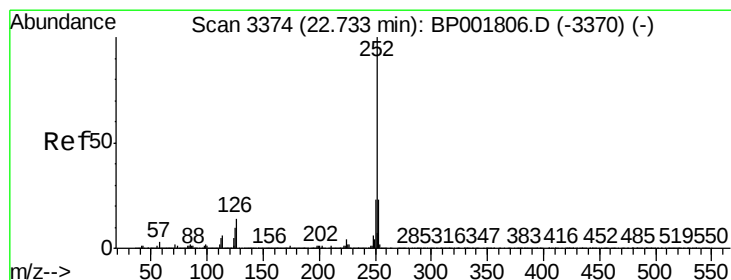
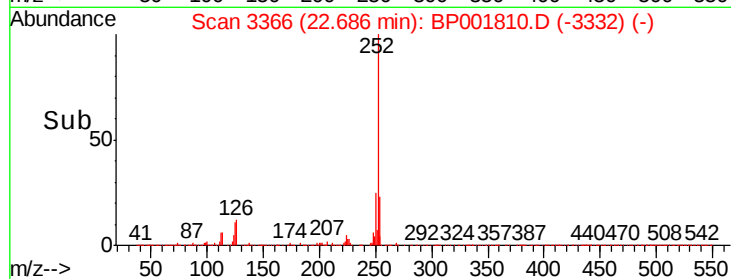
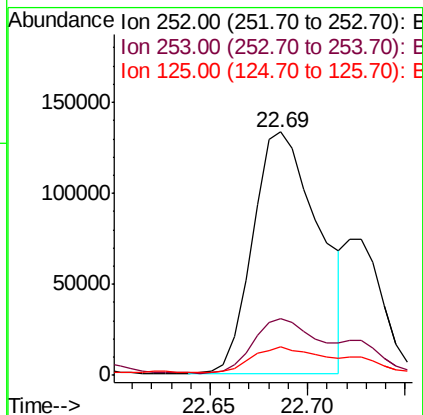
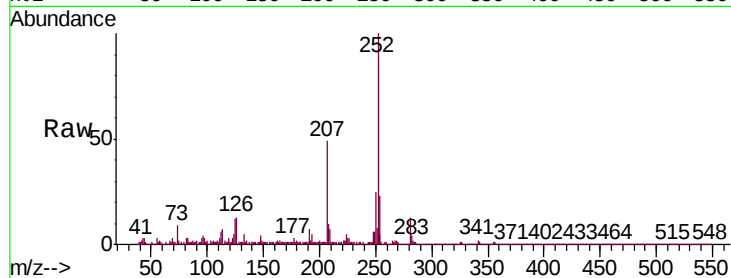
Instrument :

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Tgt Ion:	252	Resp:	311162
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.7	26.5
125	11.6	7.8	11.6



#89

Benzo(k)fluoranthene

Concen: 2.186 ng/ul

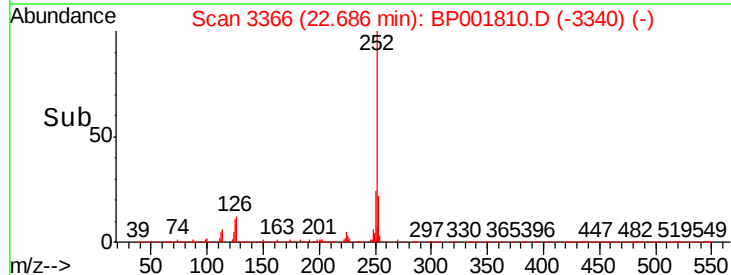
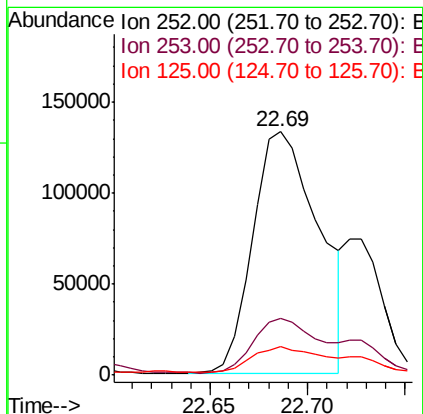
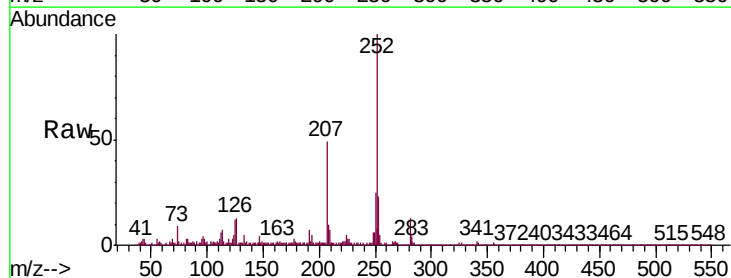
RT: 22.69 min Scan# 3366

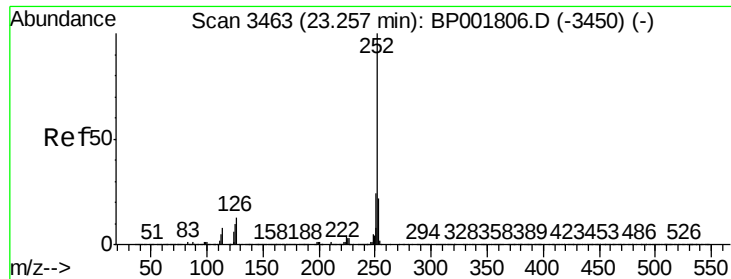
Delta R.T. -0.05 min

Lab File: BP001810.D

Acq: 20 Feb 2020 19:33

Tgt Ion:	252	Resp:	311162
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.8	26.6
125	11.6	8.0	12.0





#91

Benzo(a)pyrene

Concen: 1.668 ng/ul

RT: 23.25 min Scan# 3462

Delta R.T. -0.01 min

Lab File: BP001810.D

Acq: 20 Feb 2020 19:33

Instrument :

BNA_P

ClientSampleId :

C5B20

Tgt Ion: 252 Resp: 214583

Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 11.2 8.3 12.5

