

Data File : BP001812.D
Acq On : 20 Feb 2020 20:41
Operator : CG/JU
Sample : L1418-22
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5AW6

Quant Time: Feb 21 07:15:53 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	335791	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1396967	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	872298	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1950527	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2060226	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2181550	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	28633	3.54	ng/uL	0.00
5) Phenol-d5	6.83	99	519372	20.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	313196	21.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	466721	22.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	339304	16.86	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	220726	23.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	228920	26.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	449191	22.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	569145	23.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	1410393	23.04	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1744575	23.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	172266	16.16	ng/ul	0.00
58) Fluorene-d10	15.29	176	1291623	23.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	109048	14.18	ng/ul	0.00
71) Anthracene-d10	17.14	188	1970196	22.93	ng/ul	0.00
79) Pyrene-d10	19.39	212	2451218	23.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	2675922	25.40	ng/ul	0.00

Target Compounds

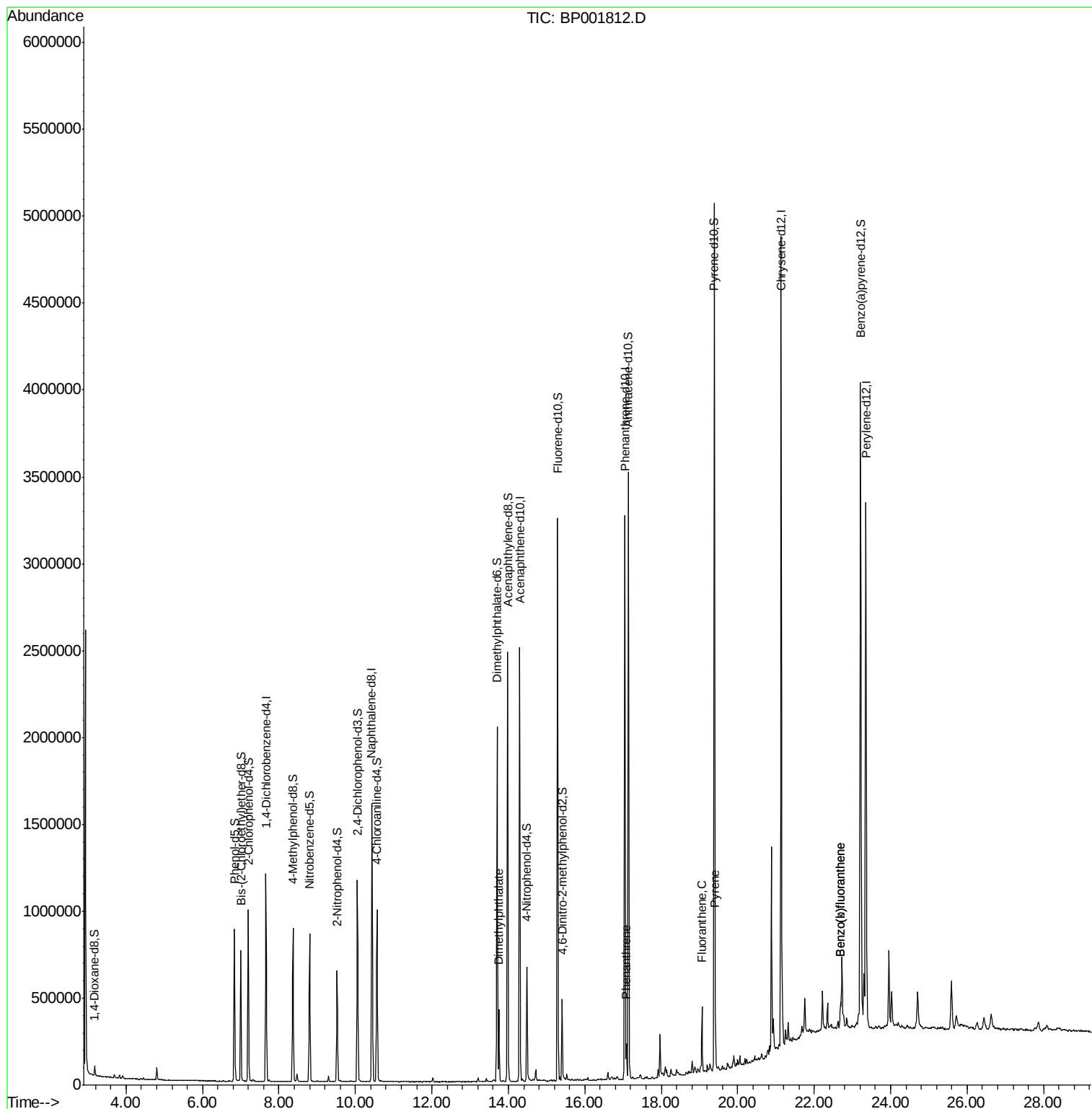
						Qvalue
45) Dimethylphthalate	13.75	163	261307	4.056	ng/ul	99
70) Phenanthrene	17.08	178	127318	1.184	ng/ul	99
77) Fluoranthene	19.06	202	219152	1.903	ng/ul	99
80) Pyrene	19.41	202	212797	1.518	ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	136185	1.061	ng/ul	98
89) Benzo(k)fluoranthene	22.69	252	136185	1.023	ng/ul	98

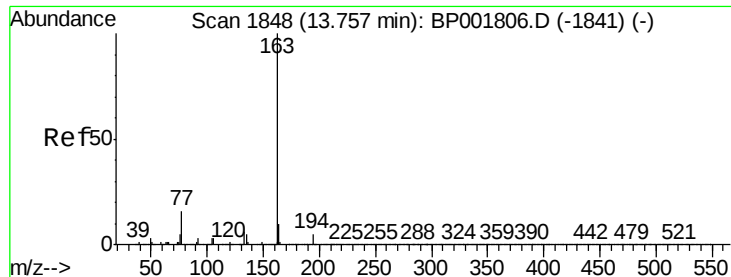
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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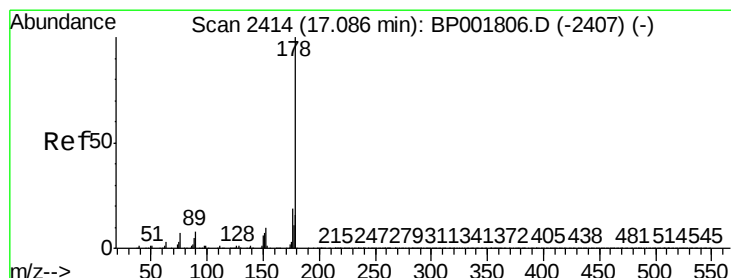
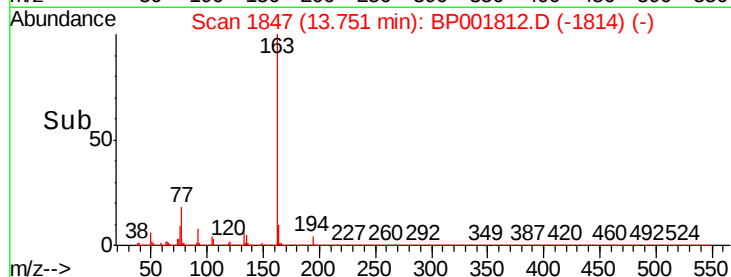
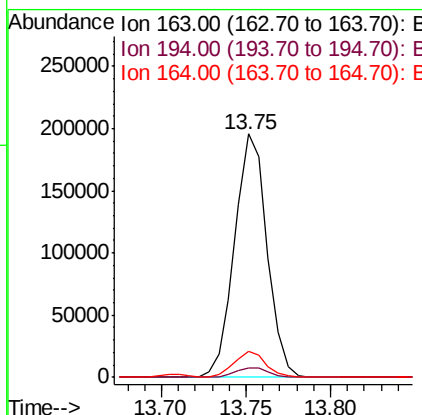
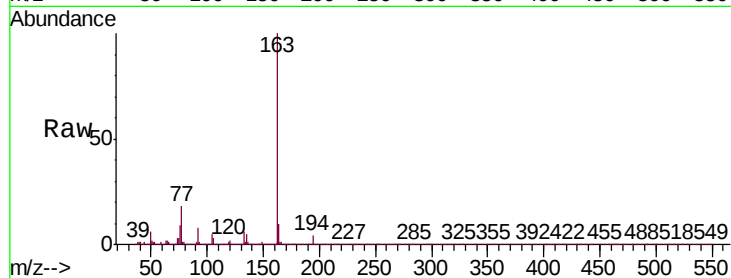




#45
Dimethylphthalate
Concen: 4.056 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP001812.D
Acq: 20 Feb 2020 20:41

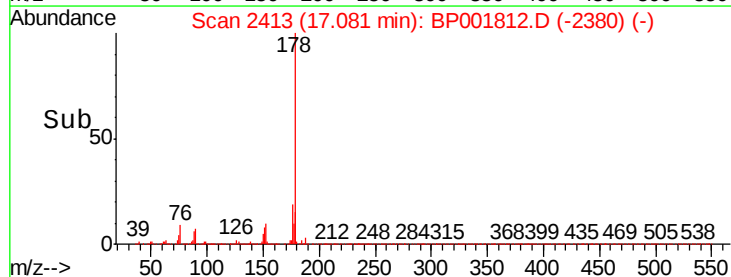
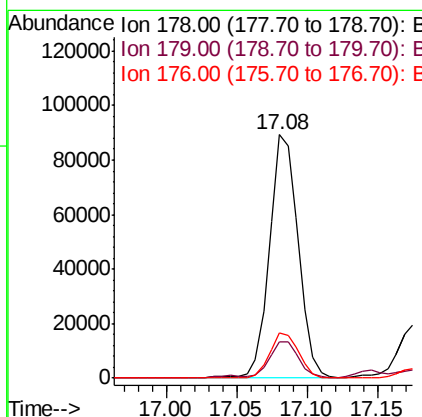
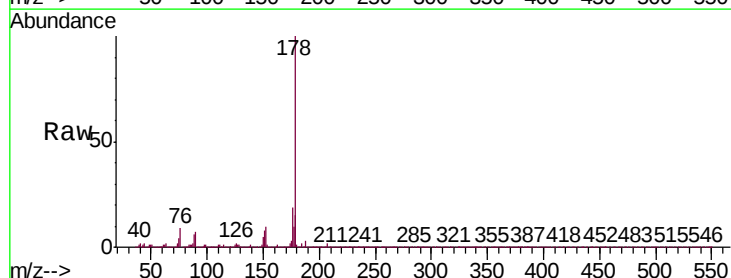
Instrument :
BNA_P
ClientSampleId :
C5AW6

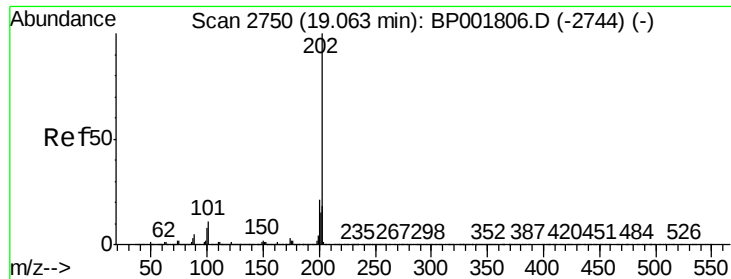
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	10.5	8.0	12.0



#70
Phenanthrene
Concen: 1.184 ng/ul
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP001812.D
Acq: 20 Feb 2020 20:41

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.3	18.5
176	18.8	15.3	22.9





#77

Fluoranthene

Concen: 1.903 ng/ul

RT: 19.06 min Scan# 2750

Delta R.T. 0.00 min

Lab File: BP001812.D

Acq: 20 Feb 2020 20:41

Instrument :

BNA_P

ClientSampleId :

C5AW6

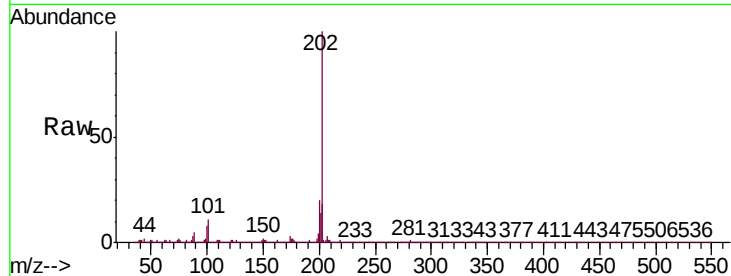
Tgt Ion:202 Resp: 219152

Ion Ratio Lower Upper

202 100

101 11.0 9.1 13.7

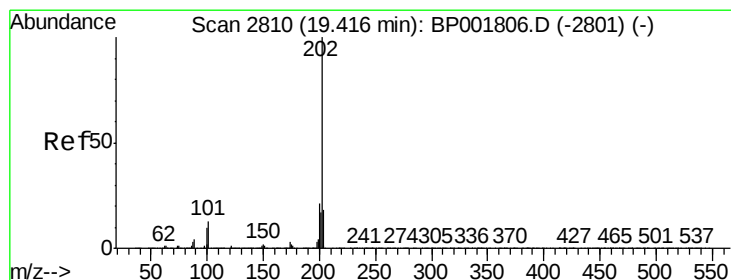
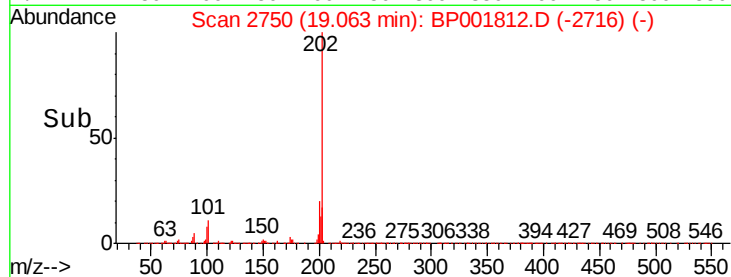
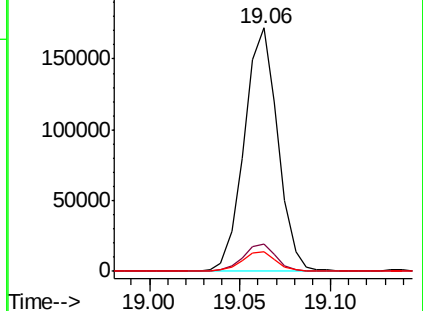
100 7.8 6.6 9.8



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): BF



#80

Pyrene

Concen: 1.518 ng/ul

RT: 19.41 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BP001812.D

Acq: 20 Feb 2020 20:41

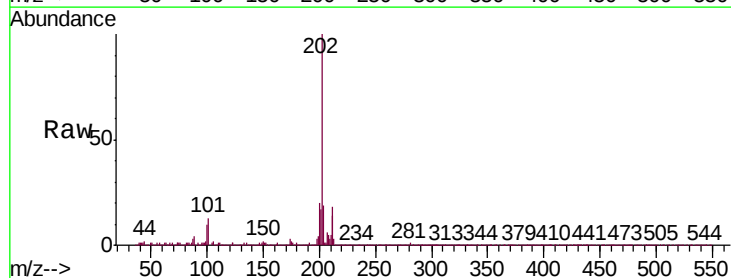
Tgt Ion:202 Resp: 212797

Ion Ratio Lower Upper

202 100

101 12.7 10.2 15.2

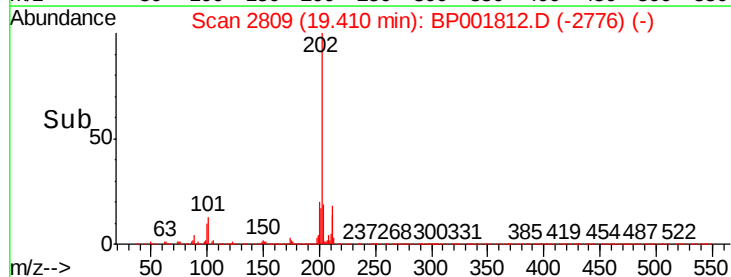
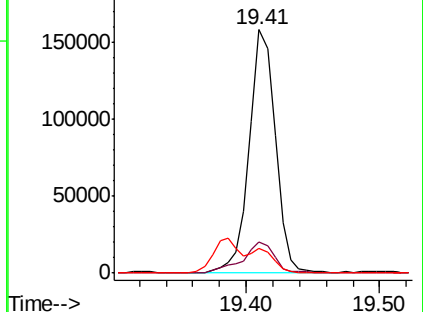
100 9.9 8.2 12.2

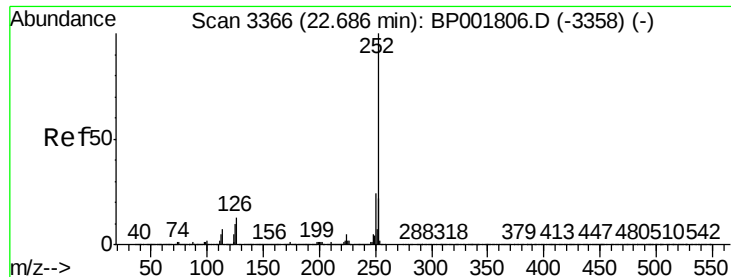


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF





#88

Benzo(b)fluoranthene

Concen: 1.061 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. 0.00 min

Lab File: BP001812.D

Acq: 20 Feb 2020 20:41

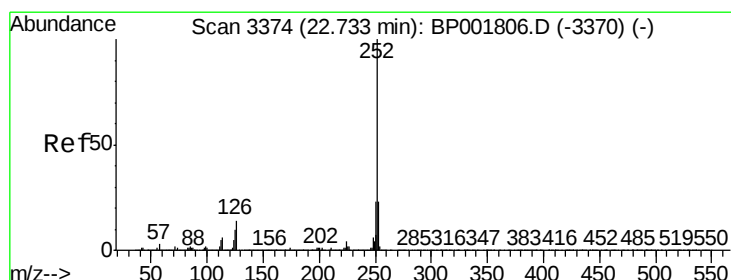
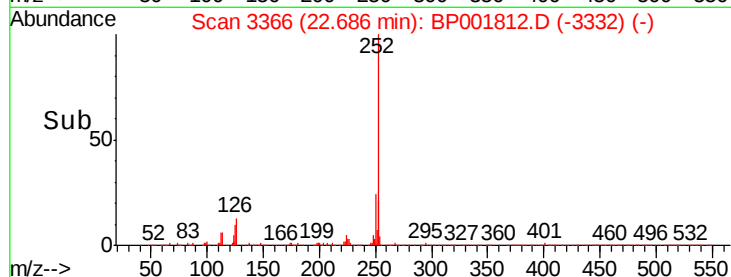
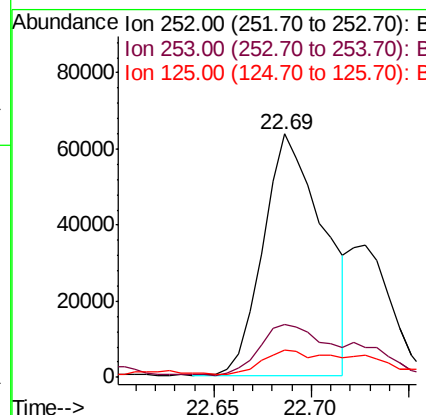
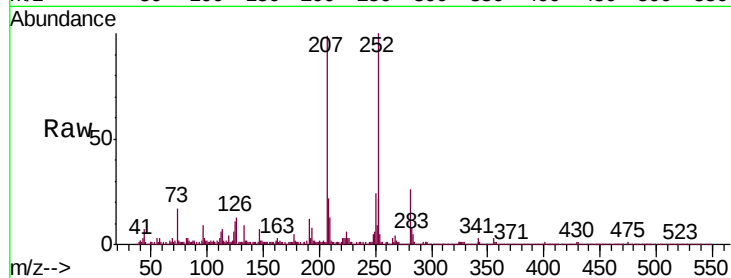
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Tgt Ion:	252	Resp:	136185
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.7	26.5
125	11.3	7.8	11.6



#89

Benzo(k)fluoranthene

Concen: 1.023 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. -0.05 min

Lab File: BP001812.D

Acq: 20 Feb 2020 20:41

Tgt Ion:	252	Resp:	136185
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.8	26.6
125	11.3	8.0	12.0

