

Data File : BP001849.D
Acq On : 22 Feb 2020 06:18
Operator : CG/JU
Sample : L1506-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-32-33-COMP

Quant Time: Feb 24 01:13:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 24 01:10:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	426746	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1800535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1199235	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2680402	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2674653	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	3004688	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	5314	0.52	ng/uL	0.00
5) Phenol-d5	6.83	99	95800	2.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	60758	3.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	87796	3.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	72153	2.82	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	41347	3.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	41300	3.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	85752	3.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	100209	3.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	319339	3.79	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	355961	3.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	21179	1.45	ng/ul	0.00
58) Fluorene-d10	15.29	176	284345	3.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	23971	2.27	ng/ul	0.00
71) Anthracene-d10	17.14	188	445238	3.77	ng/ul	0.00
79) Pyrene-d10	19.38	212	566523	4.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	578730	3.99	ng/ul	0.00

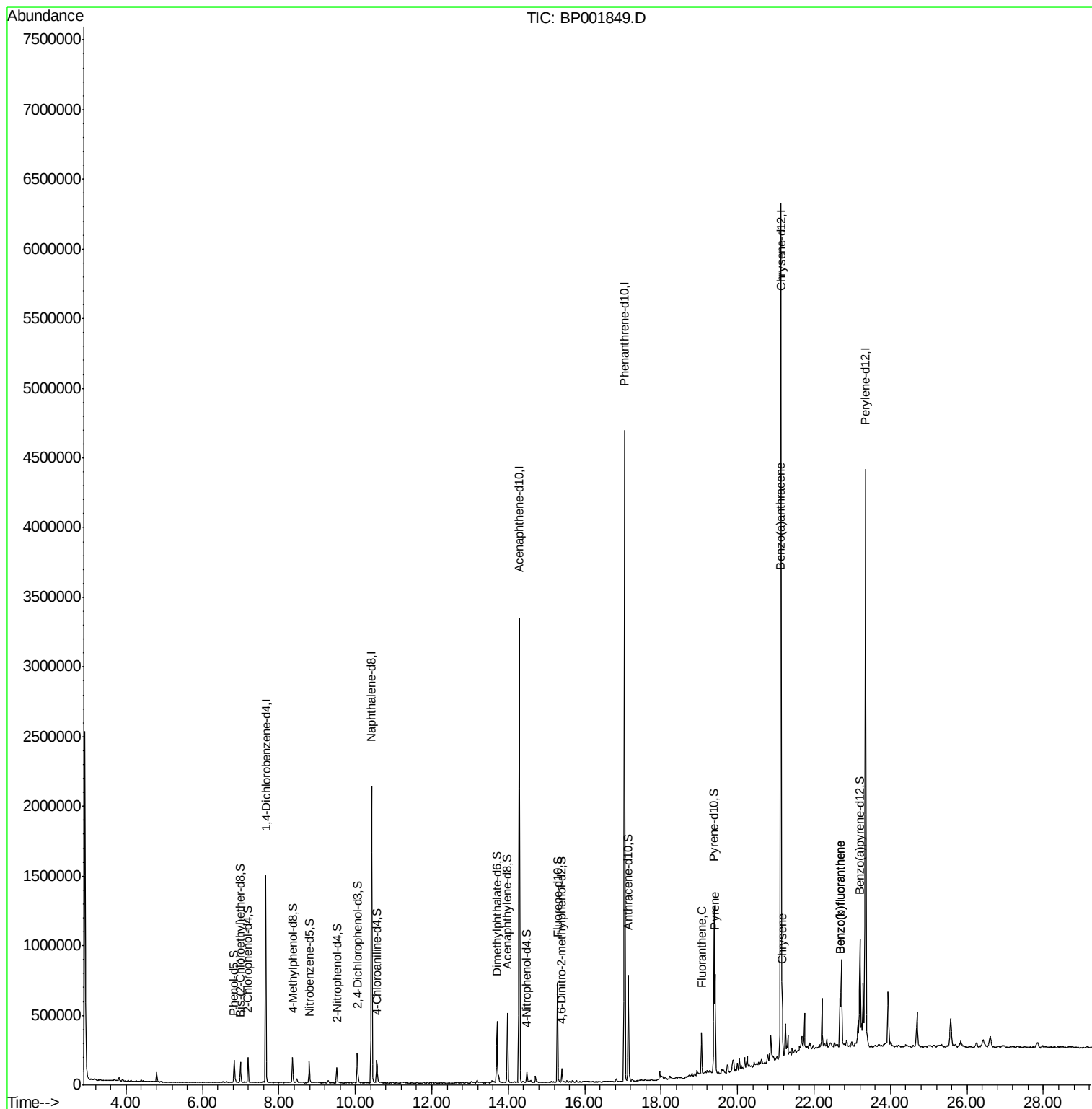
Target Compounds				Qvalue		
77) Fluoranthene	19.06	202	176384	1.114	ng/ul	96
80) Pyrene	19.41	202	410336	2.255	ng/ul	98
83) Benzo(a)anthracene	21.12	228	212078	1.204	ng/ul	98
85) Chrysene	21.17	228	250750	1.457	ng/ul	99
88) Benzo(b)fluoranthene	22.68	252	297389	1.682	ng/ul	98
89) Benzo(k)fluoranthene	22.68	252	297389	1.623	ng/ul	99

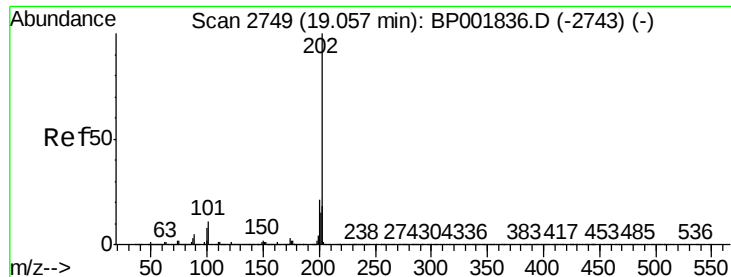
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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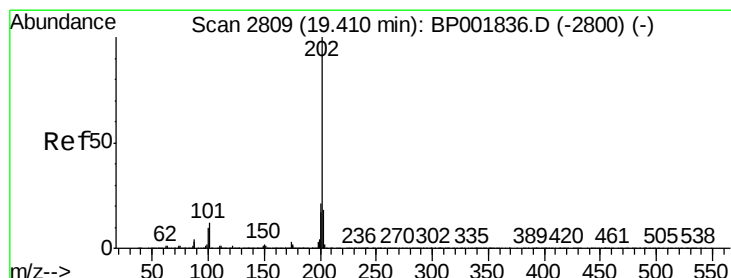
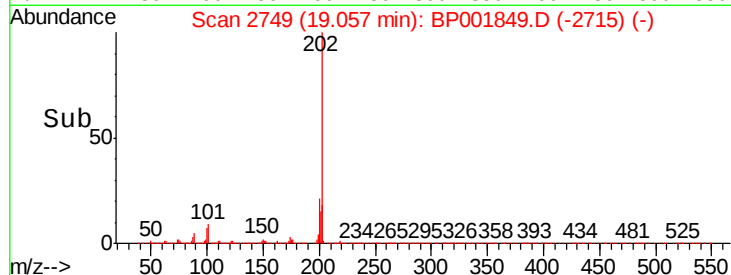
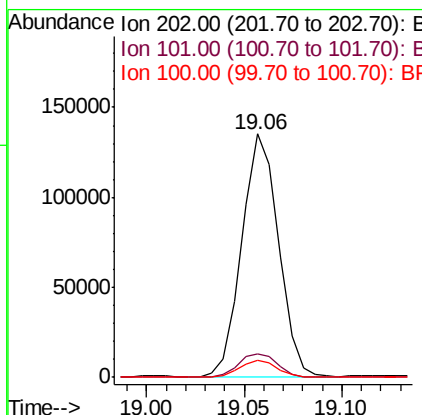
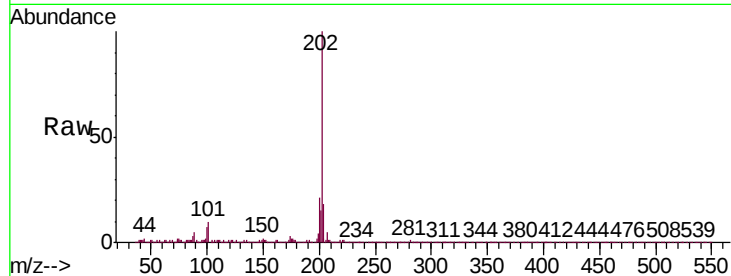




#77
 Fluoranthene
 Concen: 1.114 ng/ul
 RT: 19.06 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: BP001849.D
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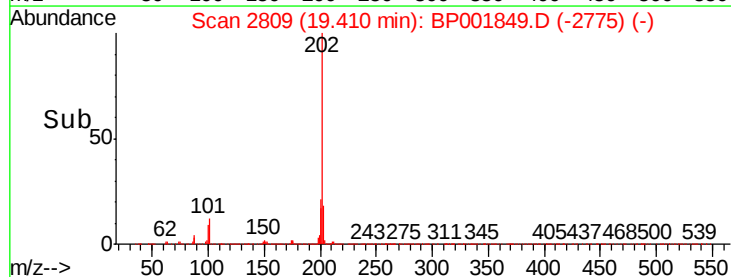
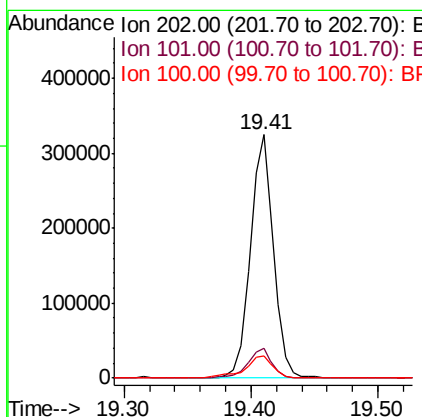
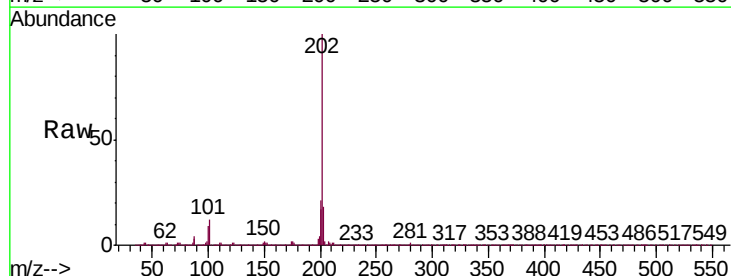
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 BNA_P
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 TP-32-33-COMP

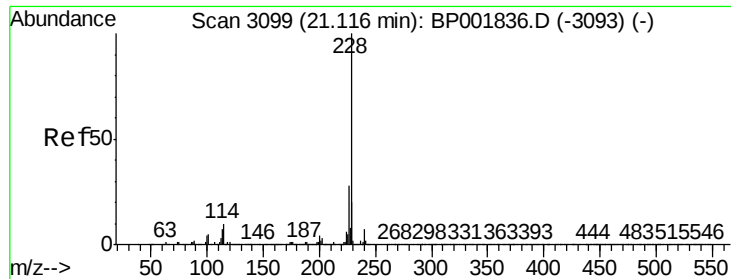
Tgt Ion:	202	Resp:	176384
Ion Ratio	Lower	Upper	
202	100		
101	9.8	9.1	13.7
100	7.0	6.6	9.8



#80
 Pyrene
 Concen: 2.255 ng/ul
 RT: 19.41 min Scan# 2809
 Delta R.T. -0.00 min
 Lab File: BP001849.D
 Acq: 22 Feb 2020 06:18

Tgt Ion:	202	Resp:	410336
Ion Ratio	Lower	Upper	
202	100		
101	12.1	10.2	15.2
100	9.4	8.2	12.2





#83

Benzo(a)anthracene

Concen: 1.204 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BP001849.D

Acq: 22 Feb 2020 06:18

Instrument :

BNA_P

ClientSampleId :

TP-32-33-COMP

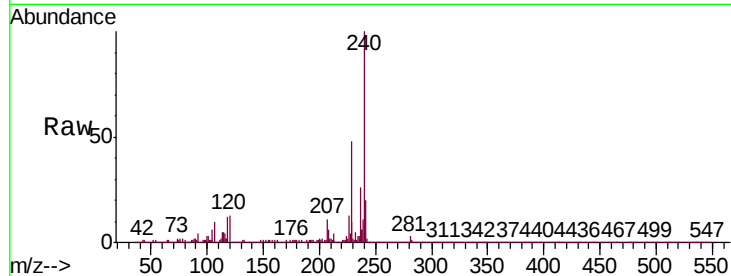
Tgt Ion:228 Resp: 212078

Ion Ratio Lower Upper

228 100

229 21.6 16.2 24.4

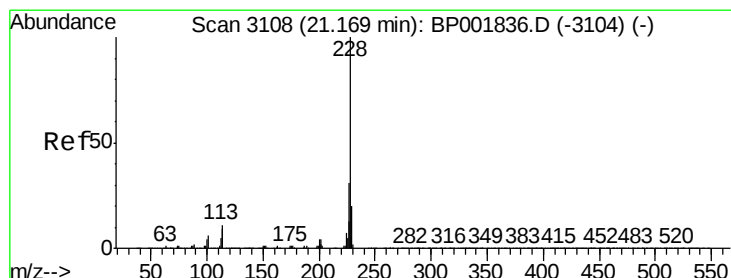
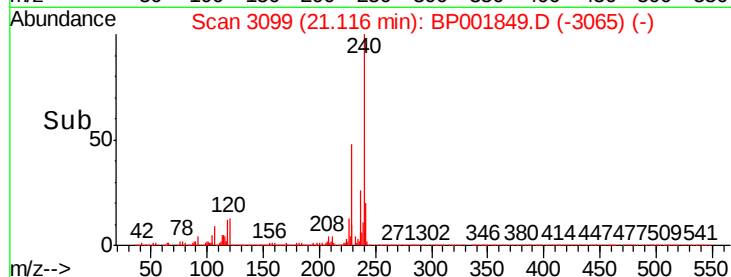
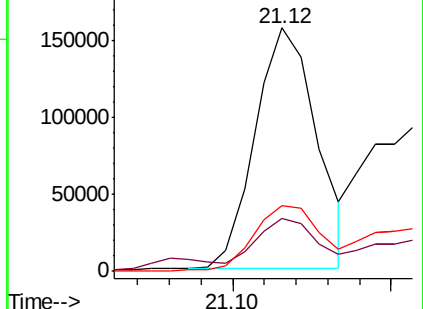
226 27.0 22.0 33.0



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: 1.457 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BP001849.D

Acq: 22 Feb 2020 06:18

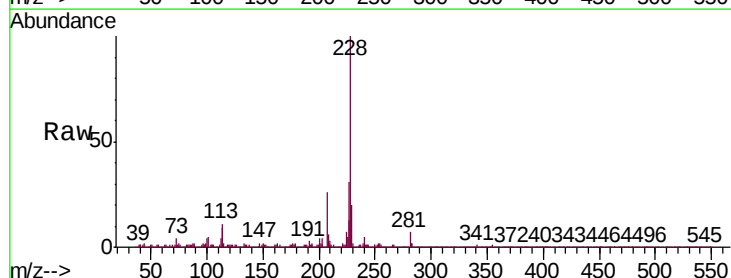
Tgt Ion:228 Resp: 250750

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.2

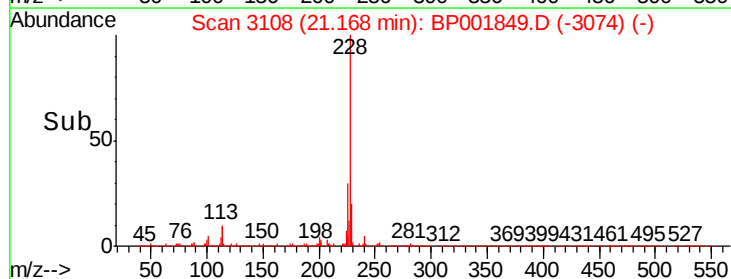
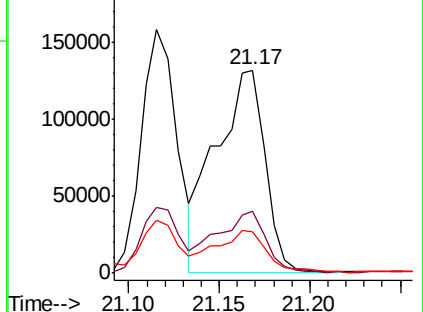
229 20.1 15.7 23.5

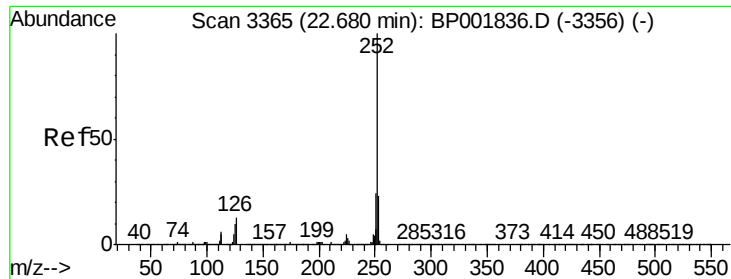


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 1.682 ng/ul

RT: 22.68 min Scan# 3365

Delta R.T. -0.00 min

Lab File: BP001849.D

Acq: 22 Feb 2020 06:18

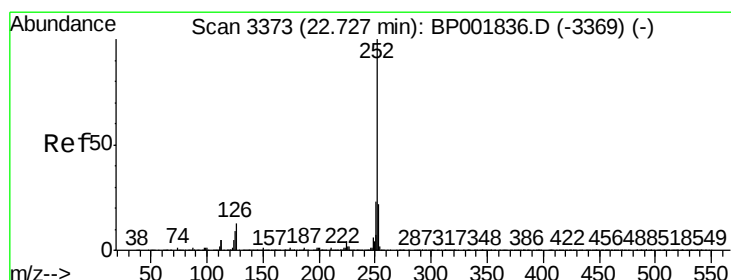
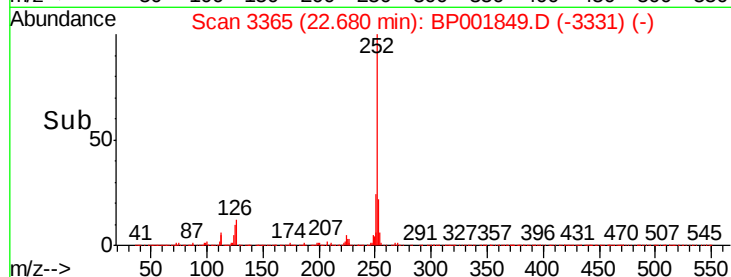
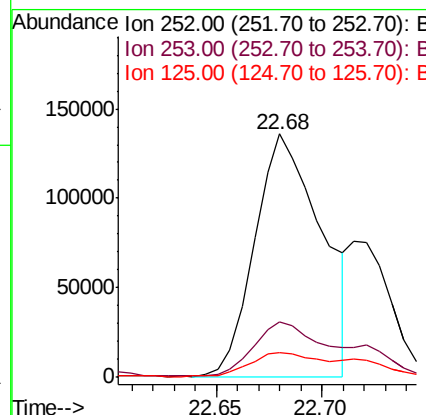
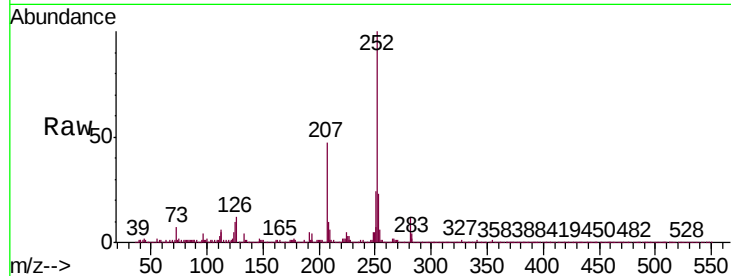
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Tgt Ion:	252	Resp:	297389
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.7	26.5
125	10.3	7.8	11.6



#89

Benzo(k)fluoranthene

Concen: 1.623 ng/ul

RT: 22.68 min Scan# 3365

Delta R.T. -0.05 min

Lab File: BP001849.D

Acq: 22 Feb 2020 06:18

Tgt Ion:	252	Resp:	297389
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.6
125	10.3	8.0	12.0

