

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
 Data File : BP001856.D
 Acq On : 24 Feb 2020 12:40
 Operator : CG/JU
 Sample : L1536-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CB6R6

Quant Time: Feb 24 16:18:43 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	344708	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1456008	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	947528	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2125237	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2149028	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2318622	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	41508	5.00	ng/uL	0.00
5) Phenol-d5	6.83	99	826809	31.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	474258	31.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	733201	34.83	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	651464	31.53	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	373124	37.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	413842	46.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	756786	35.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	909837	36.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2441268	36.71	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2924469	35.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	409888	35.40	ng/ul	0.00
58) Fluorene-d10	15.29	176	2150255	35.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	318146	37.97	ng/ul	0.00
71) Anthracene-d10	17.14	188	3250623	34.72	ng/ul	0.00
79) Pyrene-d10	19.39	212	3969719	36.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	4291283	38.32	ng/ul	0.00

Target Compounds

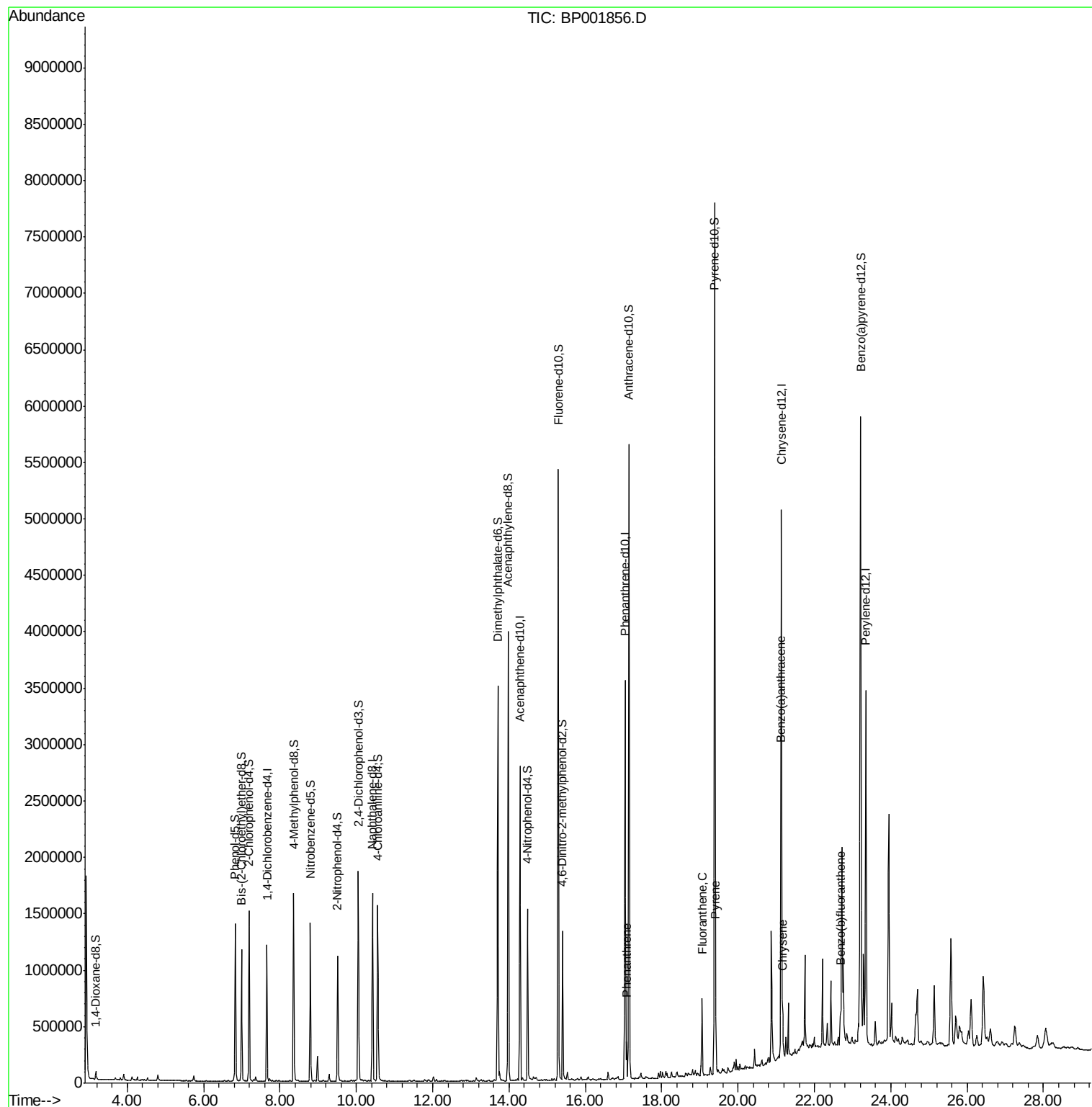
					Ovalue
70) Phenanthrene	17.08	178	200220	1.708 ng/ul	100
77) Fluoranthene	19.06	202	399741	3.185 ng/ul	97
80) Pyrene	19.41	202	346700	2.372 ng/ul	98
83) Benzo(a)anthracene	21.12	228	206536	1.459 ng/ul	99
85) Chrysene	21.17	228	204213	1.477 ng/ul	98
88) Benzo(b)fluoranthene	22.68	252	271573	1.991 ng/ul	99

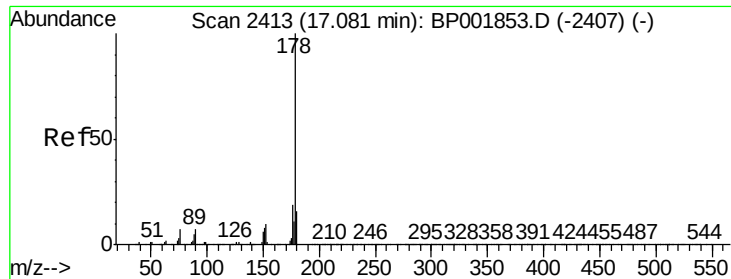
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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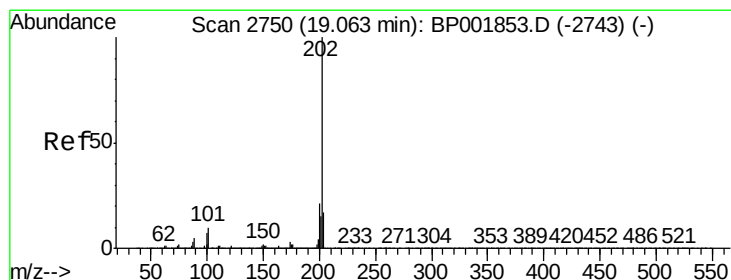
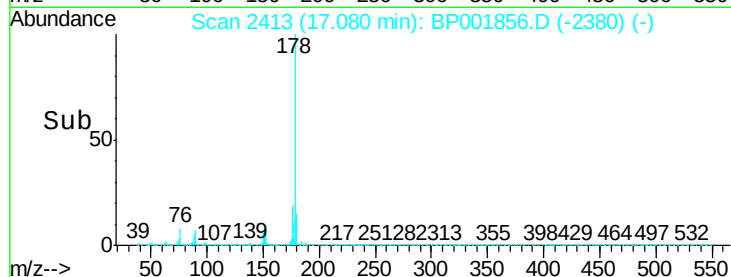
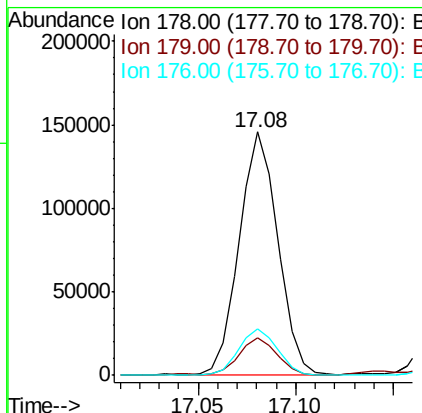
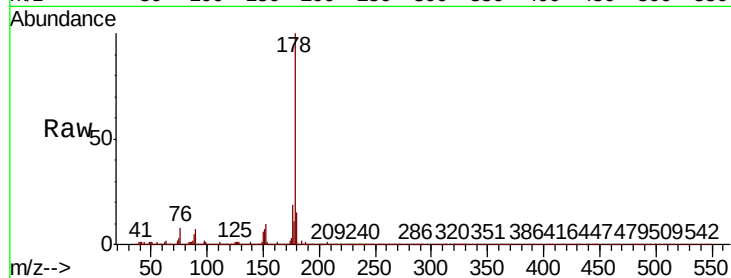




#70
Phenanthrene
Concen: 1.708 ng/ul
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP001856.D
Acq: 24 Feb 2020 12:40

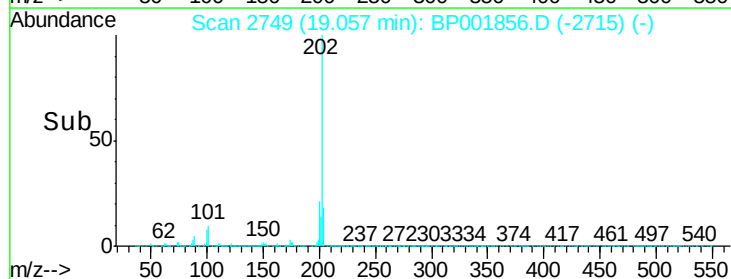
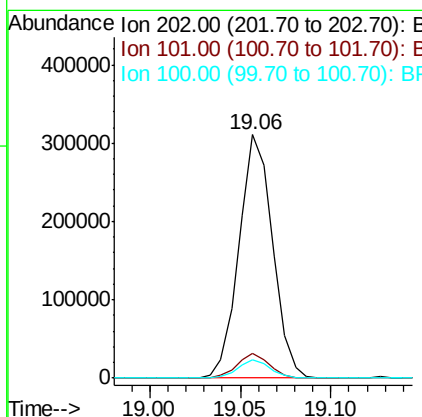
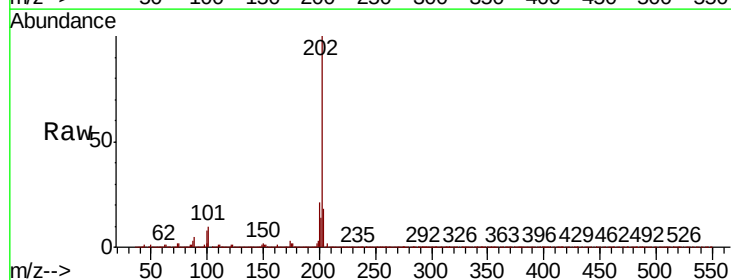
Instrument :
BNA_P
ClientSampleId :
CB6R6

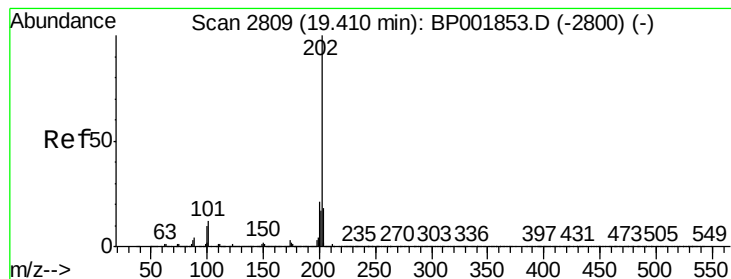
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.9	15.3	22.9



#77
Fluoranthene
Concen: 3.185 ng/ul
RT: 19.06 min Scan# 2749
Delta R.T. -0.00 min
Lab File: BP001856.D
Acq: 24 Feb 2020 12:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	9.1	13.7
100	7.7	6.6	9.8





#80

Pvrene

Concen: 2.372 ng/ul

RT: 19.41 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BP001856.D

Acq: 24 Feb 2020 12:40

Instrument :

BNA_P

ClientSampleId :

CB6R6

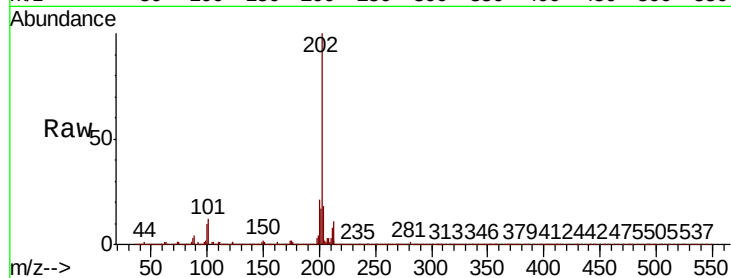
Tot Ion:202 Resp: 346700

Ion Ratio Lower Upper

202 100

101 11.7 10.2 15.2

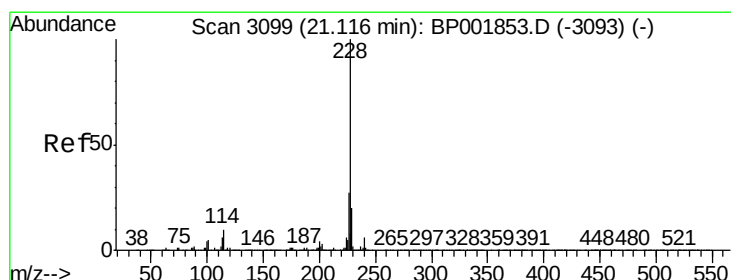
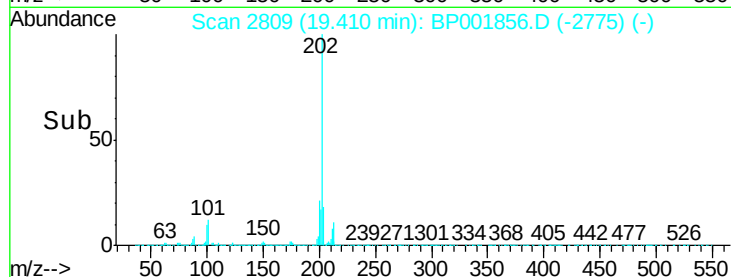
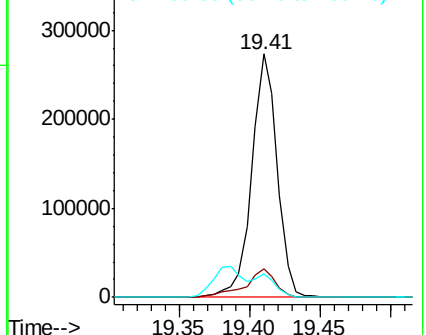
100 9.6 8.2 12.2



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): B



#83

Benzo(a)anthracene

Concen: 1.459 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BP001856.D

Acq: 24 Feb 2020 12:40

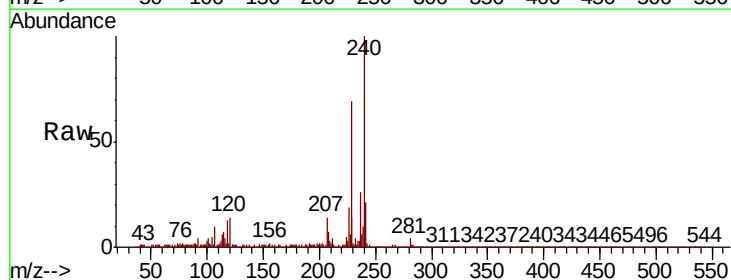
Tgt Ion:228 Resp: 206536

Ion Ratio Lower Upper

228 100

229 19.7 16.2 24.4

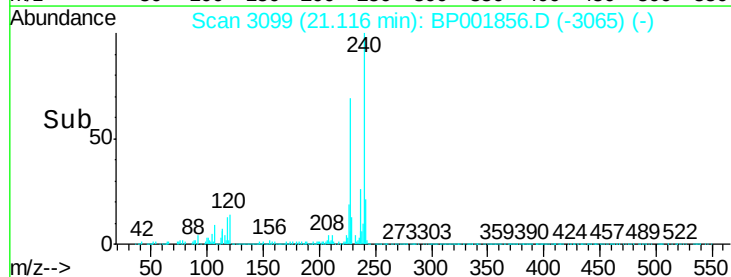
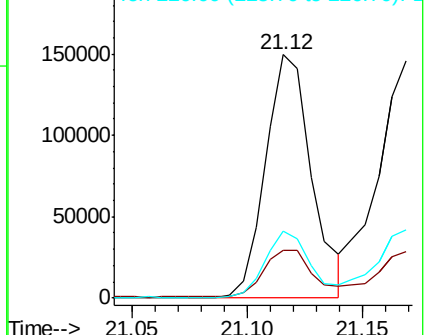
226 27.4 22.0 33.0

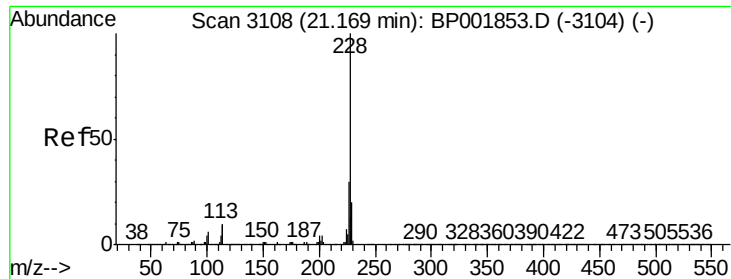


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

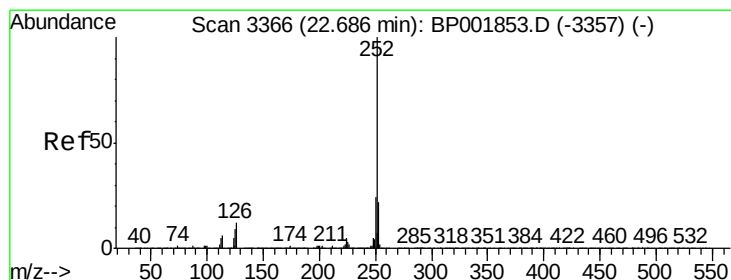
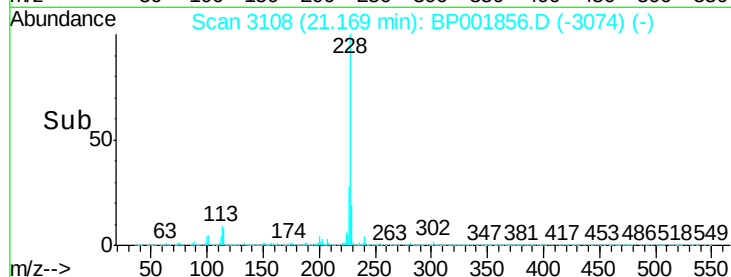
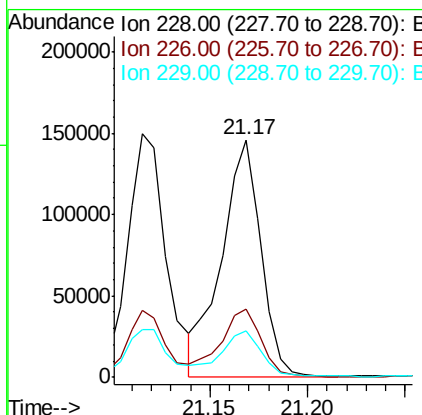
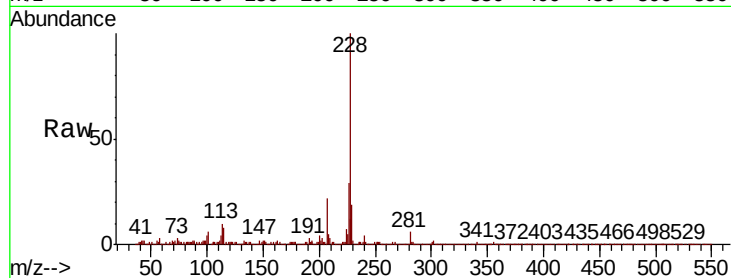




#85
Chrysene
Concen: 1.477 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BP001856.D
Acq: 24 Feb 2020 12:40

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Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.2	36.2
229	19.4	15.7	23.5



#88
Benzo(b)fluoranthene
Concen: 1.991 ng/ul
RT: 22.68 min Scan# 3366
Delta R.T. -0.00 min
Lab File: BP001856.D
Acq: 24 Feb 2020 12:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.7	7.8	11.6

