

Data File : BP001833.D
Acq On : 21 Feb 2020 20:45
Operator : CG/JU
Sample : L1506-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DBCY5

Quant Time: Feb 22 03:46:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 22 03:43:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	386092	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1637273	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1077512	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2445772	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2523540	20.00	ng/ul	0.00
86) Perylene-d12	23.34	264	2942344	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	10795	1.16	ng/uL	0.00
5) Phenol-d5	6.83	99	211765	7.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	132012	7.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	191981	8.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	155344	6.71	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	91583	8.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	92456	9.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	185232	7.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	242257	8.59	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	687330	9.09	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	782105	8.40	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	69627	5.29	ng/ul	0.00
58) Fluorene-d10	15.29	176	609224	8.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	60209	6.24	ng/ul	0.00
71) Anthracene-d10	17.14	188	937667	8.70	ng/ul	0.00
79) Pyrene-d10	19.38	212	1242323	9.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.20	264	1392490	9.80	ng/ul	0.00

Target Compounds

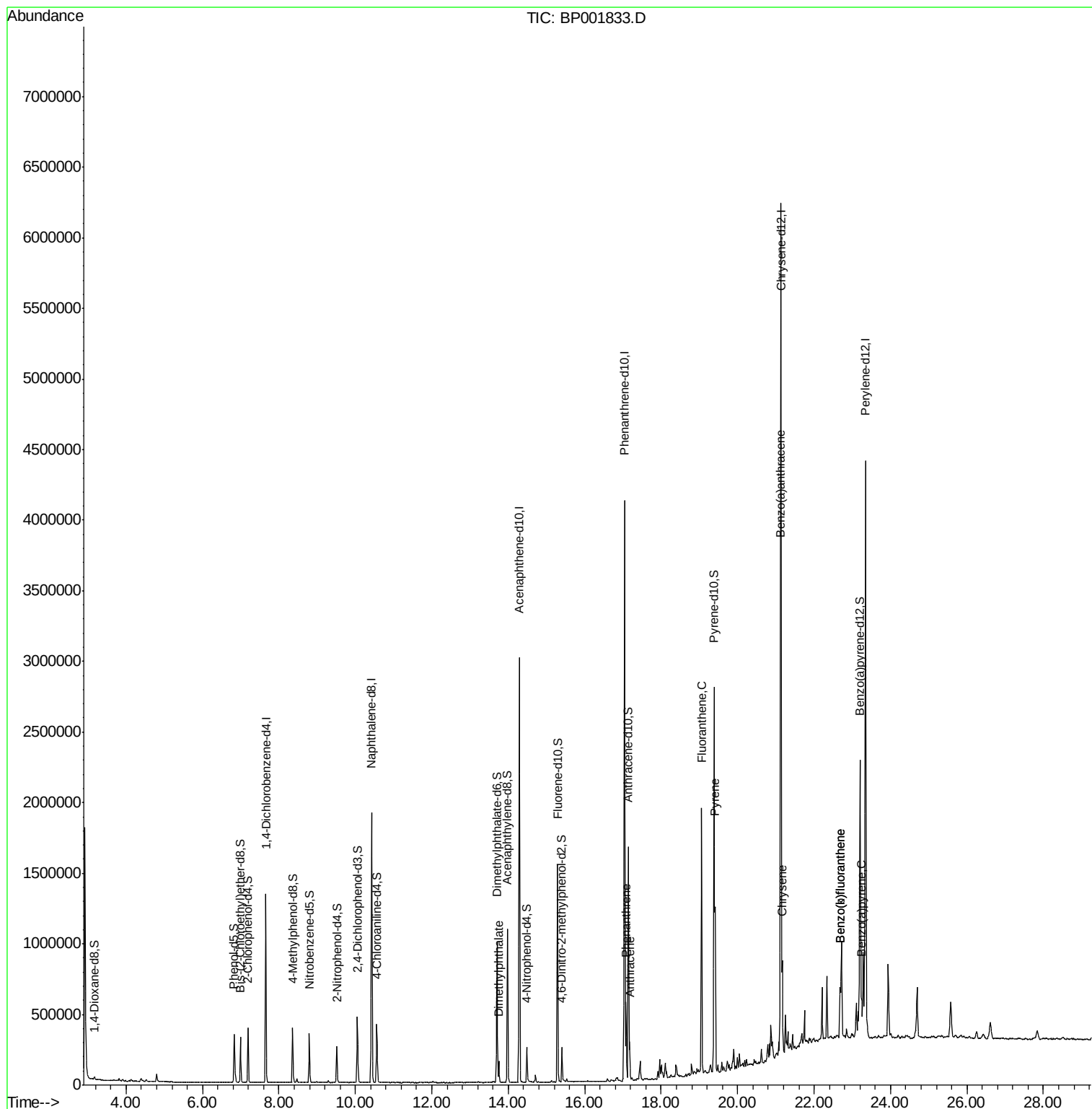
					Qvalue
45) Dimethylphthalate	13.75	163	100751	1.266	ng/ul 99
70) Phenanthrene	17.08	178	338875	2.512	ng/ul 99
72) Anthracene	17.17	178	173797	1.304	ng/ul 99
77) Fluoranthene	19.06	202	1117652	7.738	ng/ul 99
80) Pyrene	19.41	202	895471	5.217	ng/ul 99
83) Benzo(a)anthracene	21.12	228	431267	2.595	ng/ul 99
85) Chrysene	21.17	228	362985	2.236	ng/ul 98
88) Benzo(b)fluoranthene	22.68	252	331859	1.917	ng/ul 98
89) Benzo(k)fluoranthene	22.68	252	331859	1.849	ng/ul 99
91) Benzo(a)pyrene	23.24	252	187792	1.157	ng/ul 97

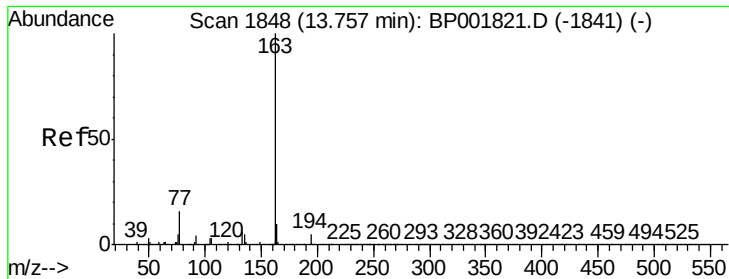
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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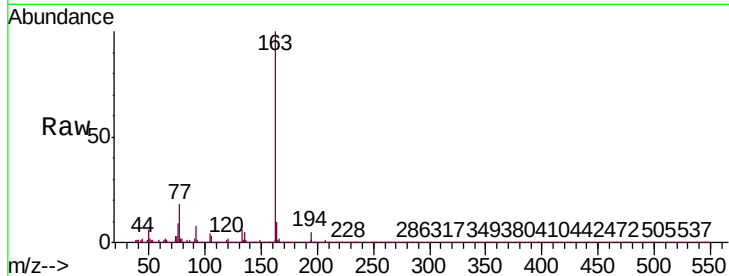




#45
Dimethylphthalate
Concen: 1.266 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP001833.D
Acq: 21 Feb 2020 20:45

Instrument :
BNA_P
ClientSampleId :
DBCY5

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.5	5.3
164	9.8	8.0	12.0

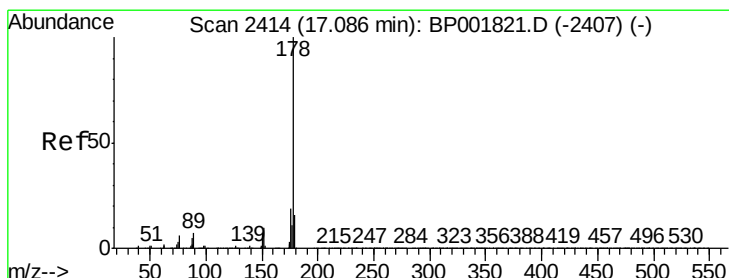
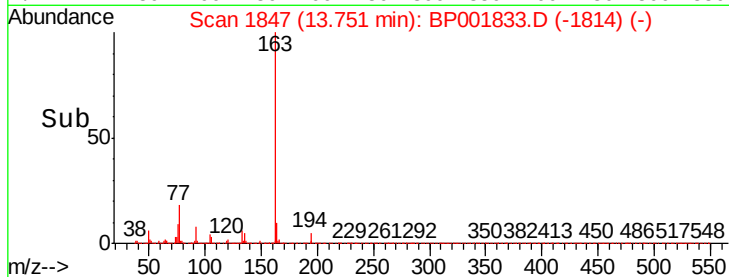
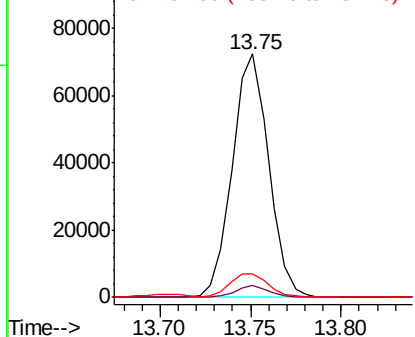


Abundance

Ion 163.00 (162.70 to 163.70): E

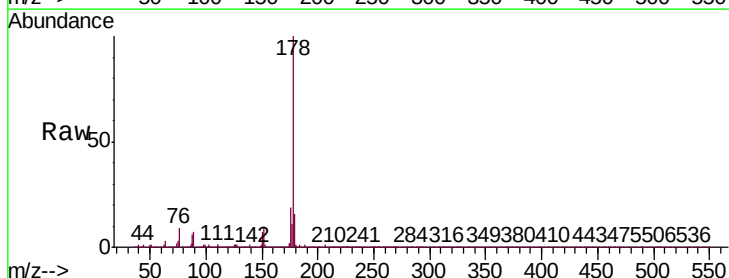
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 2.512 ng/ul
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP001833.D
Acq: 21 Feb 2020 20:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.0	15.3	22.9

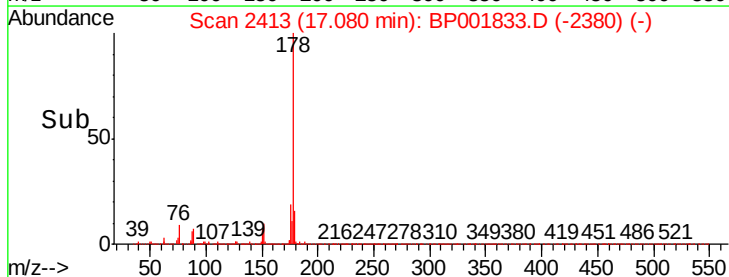
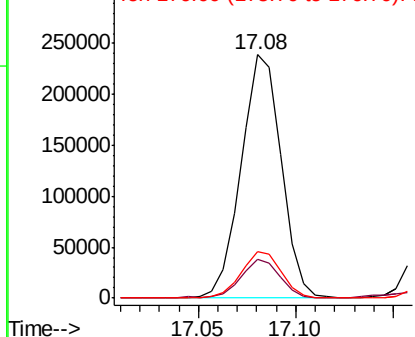


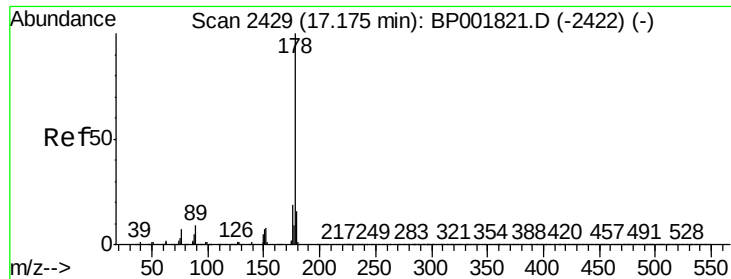
Abundance

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





#72

Anthracene

Concen: 1.304 ng/ul

RT: 17.17 min Scan# 2429

Delta R.T. -0.00 min

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Instrument :

BNA_P

ClientSampleId :

DBCY5

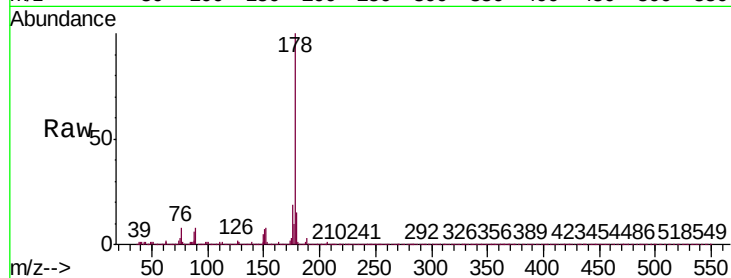
Tgt Ion:178 Resp: 173797

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

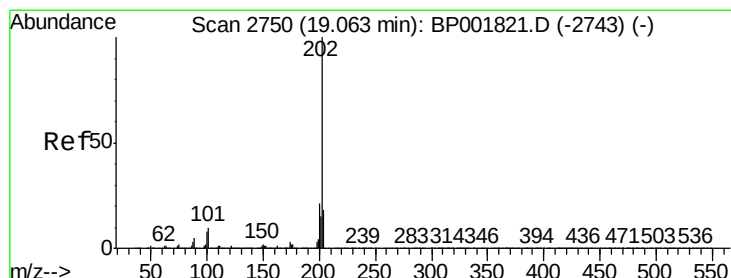
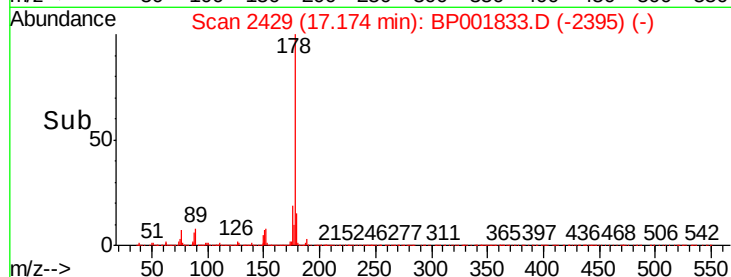
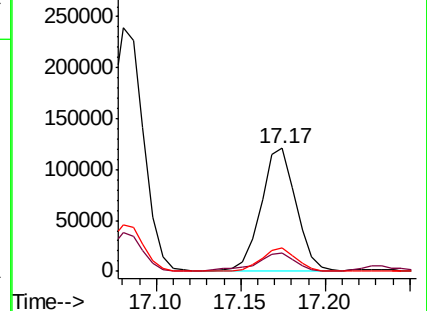
176 18.9 14.8 22.2



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: 7.738 ng/ul

RT: 19.06 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BP001833.D

Acq: 21 Feb 2020 20:45

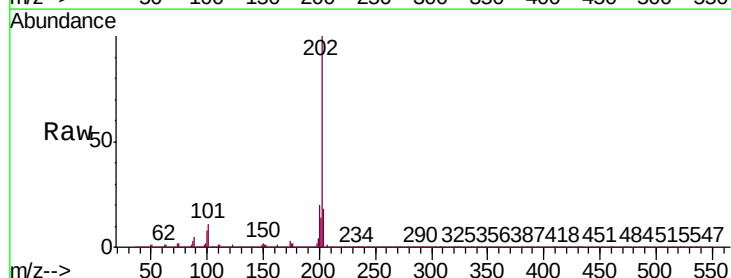
Tgt Ion:202 Resp: 1117652

Ion Ratio Lower Upper

202 100

101 10.6 9.1 13.7

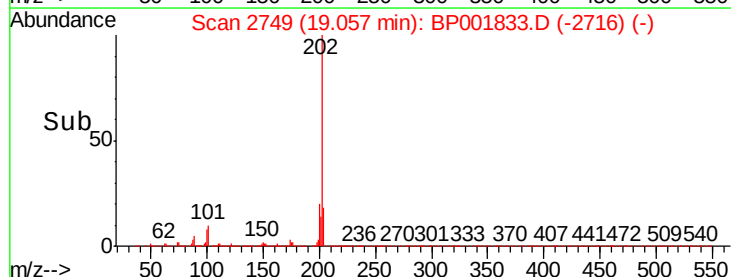
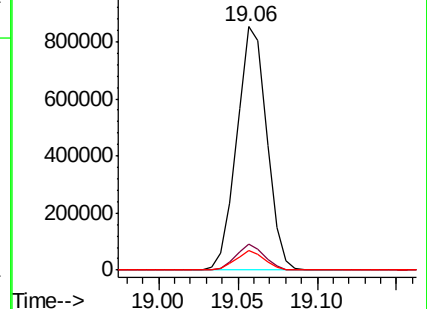
100 8.2 6.6 9.8

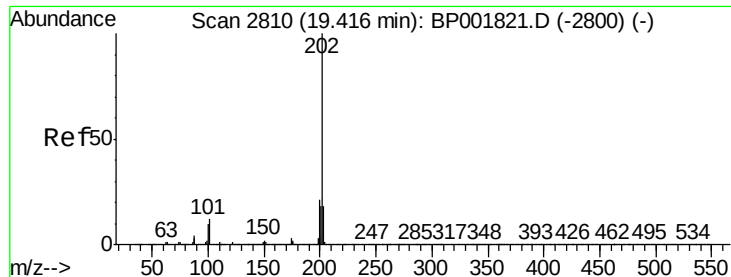


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

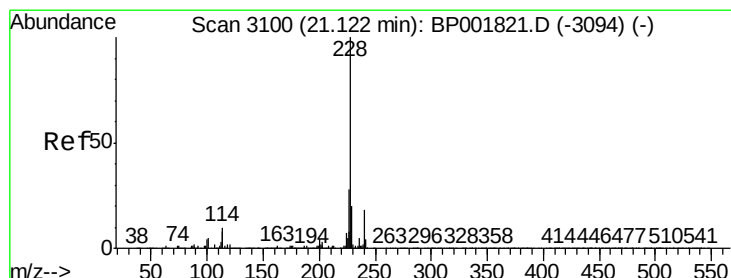
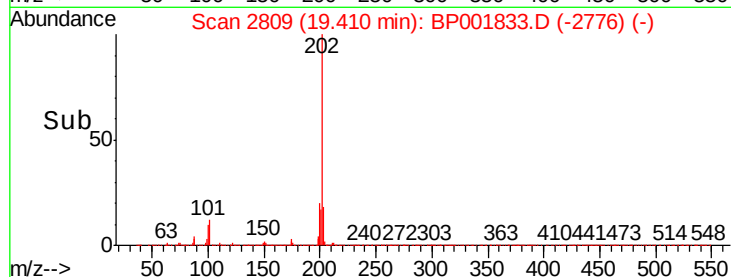
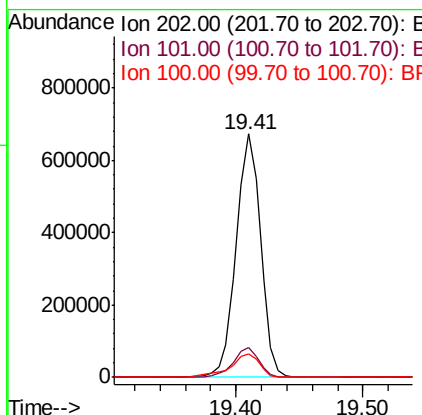
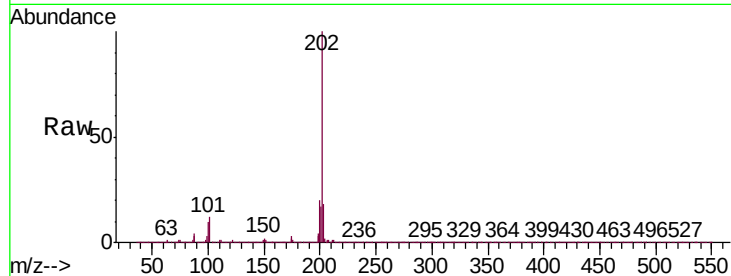




#80
 Pyrene
 Concen: 5.217 ng/ul
 RT: 19.41 min Scan# 2809
 Delta R.T. -0.01 min
 Lab File: BP001833.D
 Acq: 21 Feb 2020 20:45

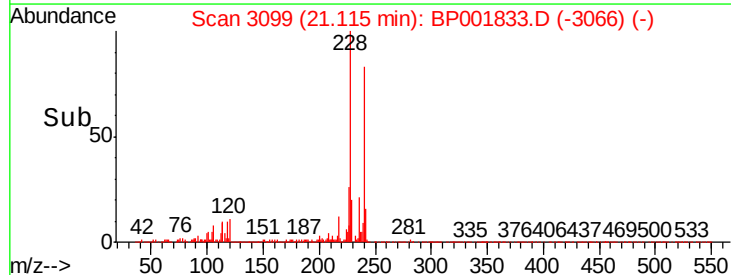
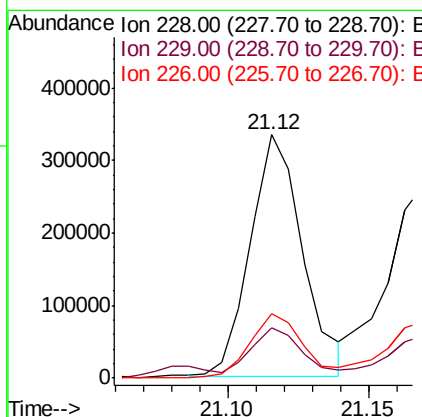
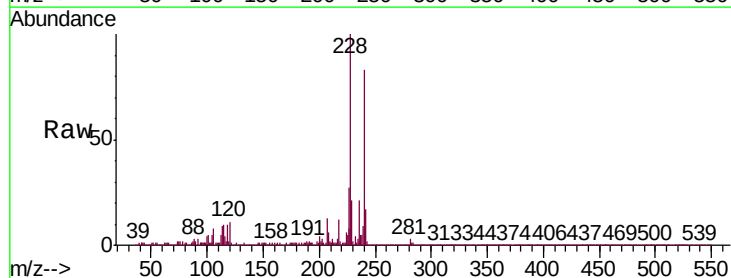
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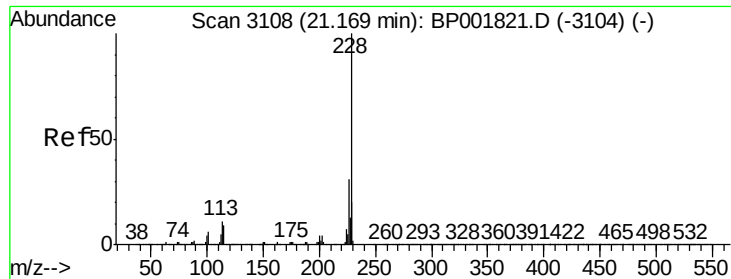
Tgt Ion:	202	Resp:	895471
Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.2	15.2
100	9.8	8.2	12.2



#83
 Benzo(a)anthracene
 Concen: 2.595 ng/ul
 RT: 21.12 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BP001833.D
 Acq: 21 Feb 2020 20:45

Tgt Ion:	228	Resp:	431267
Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.2	24.4
226	26.5	22.0	33.0





#85

Chrysene

Concen: 2.236 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BP001833.D

Acq: 21 Feb 2020 20:45

Instrument :

BNA_P

ClientSampled :

DBCY5

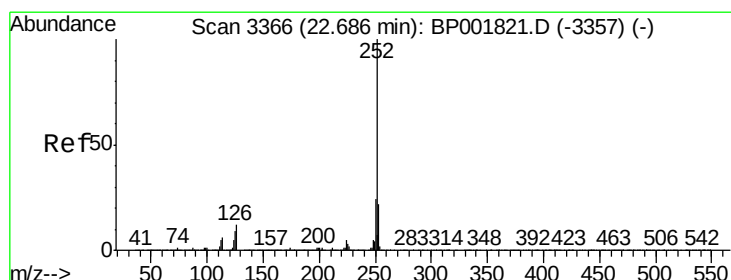
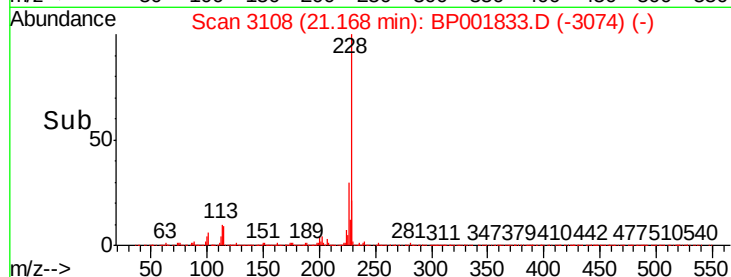
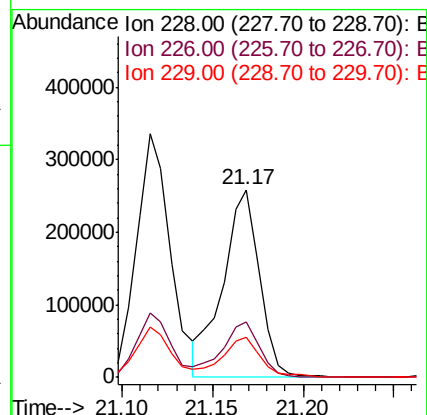
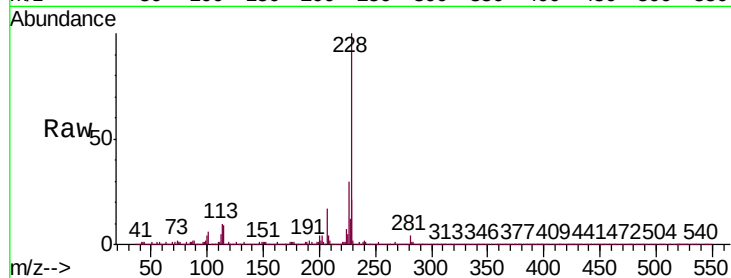
Tgt Ion:228 Resp: 362985

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

229 21.4 15.7 23.5



#88

Benzo(b)fluoranthene

Concen: 1.917 ng/ul

RT: 22.68 min Scan# 3365

Delta R.T. -0.01 min

Lab File: BP001833.D

Acq: 21 Feb 2020 20:45

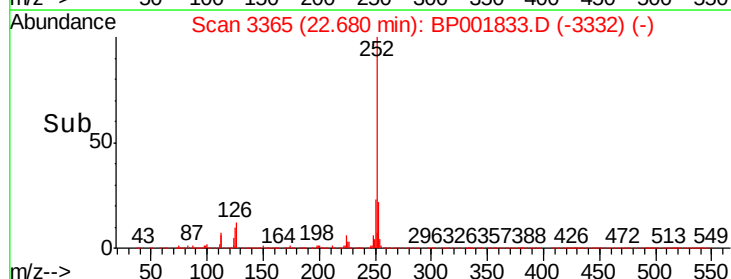
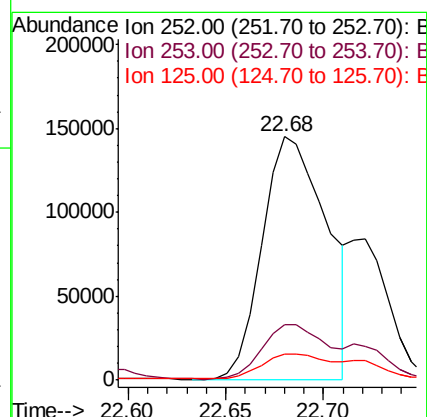
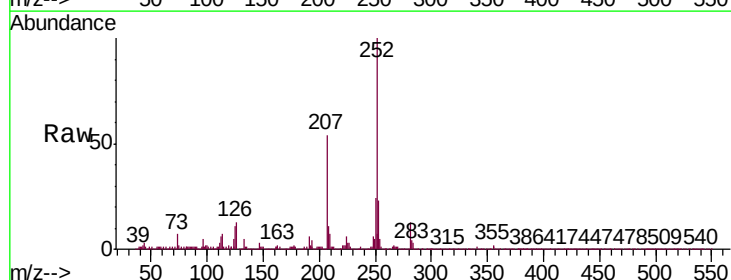
Tgt Ion:252 Resp: 331859

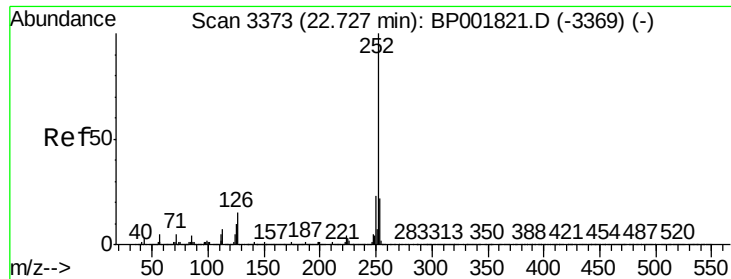
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 10.6 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 1.849 ng/ul

RT: 22.68 min Scan# 3365

Delta R.T. -0.05 min

Lab File: BP001833.D

Acq: 21 Feb 2020 20:45

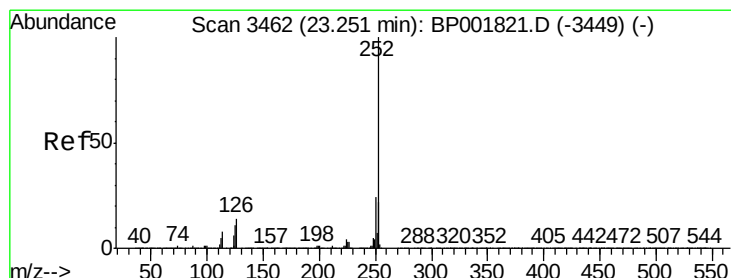
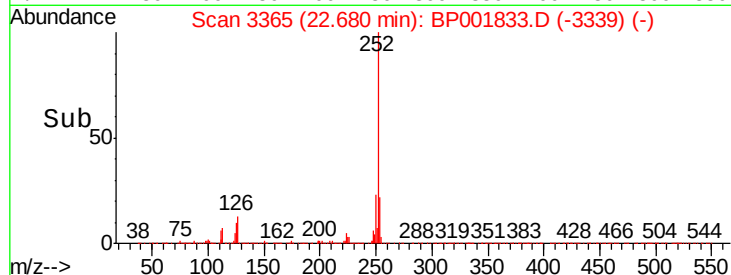
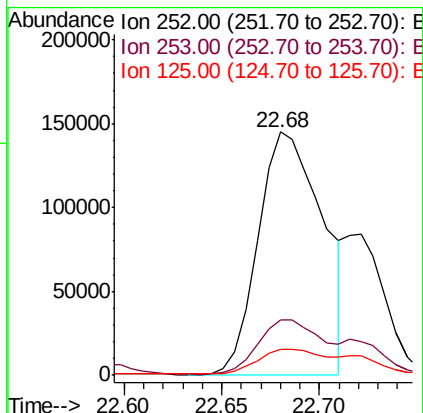
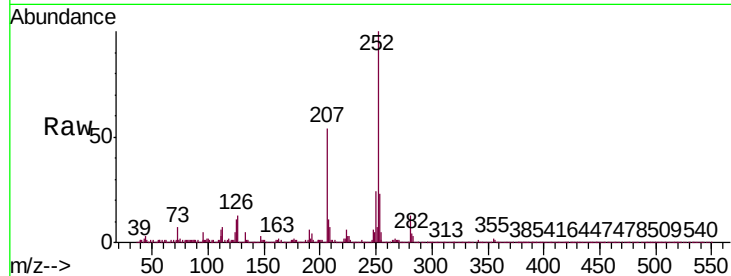
Instrument :

BNA_P

ClientSampleId :

DBCY5

Tgt Ion:	252	Resp:	331859
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	10.6	8.0	12.0



#91

Benzo(a)pyrene

Concen: 1.157 ng/ul

RT: 23.24 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BP001833.D

Acq: 21 Feb 2020 20:45

Tgt Ion:	252	Resp:	187792
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	11.5	8.3	12.5

