

Data File : BP001870.D
Acq On : 24 Feb 2020 20:34
Operator : CG/JU
Sample : L1536-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB6X4

Quant Time: Feb 25 05:58:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 25 05:55:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	504351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1709574	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1438066	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2428426	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2260927	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	2194536	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	76500	6.30	ng/uL	0.00
5) Phenol-d5	6.83	99	1442612	37.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	841590	38.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	1279499	41.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	817320	27.04	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	494140	42.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	559369	53.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	990345	39.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1189544	40.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	3932072	38.96	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	4565677	36.74	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	715541	40.72	ng/ul	0.00
58) Fluorene-d10	15.29	176	3032865	33.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	430344	44.95	ng/ul	0.00
71) Anthracene-d10	17.14	188	3955384	36.97	ng/ul	0.00
79) Pyrene-d10	19.39	212	4643952	40.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	4425807	41.76	ng/ul	0.00

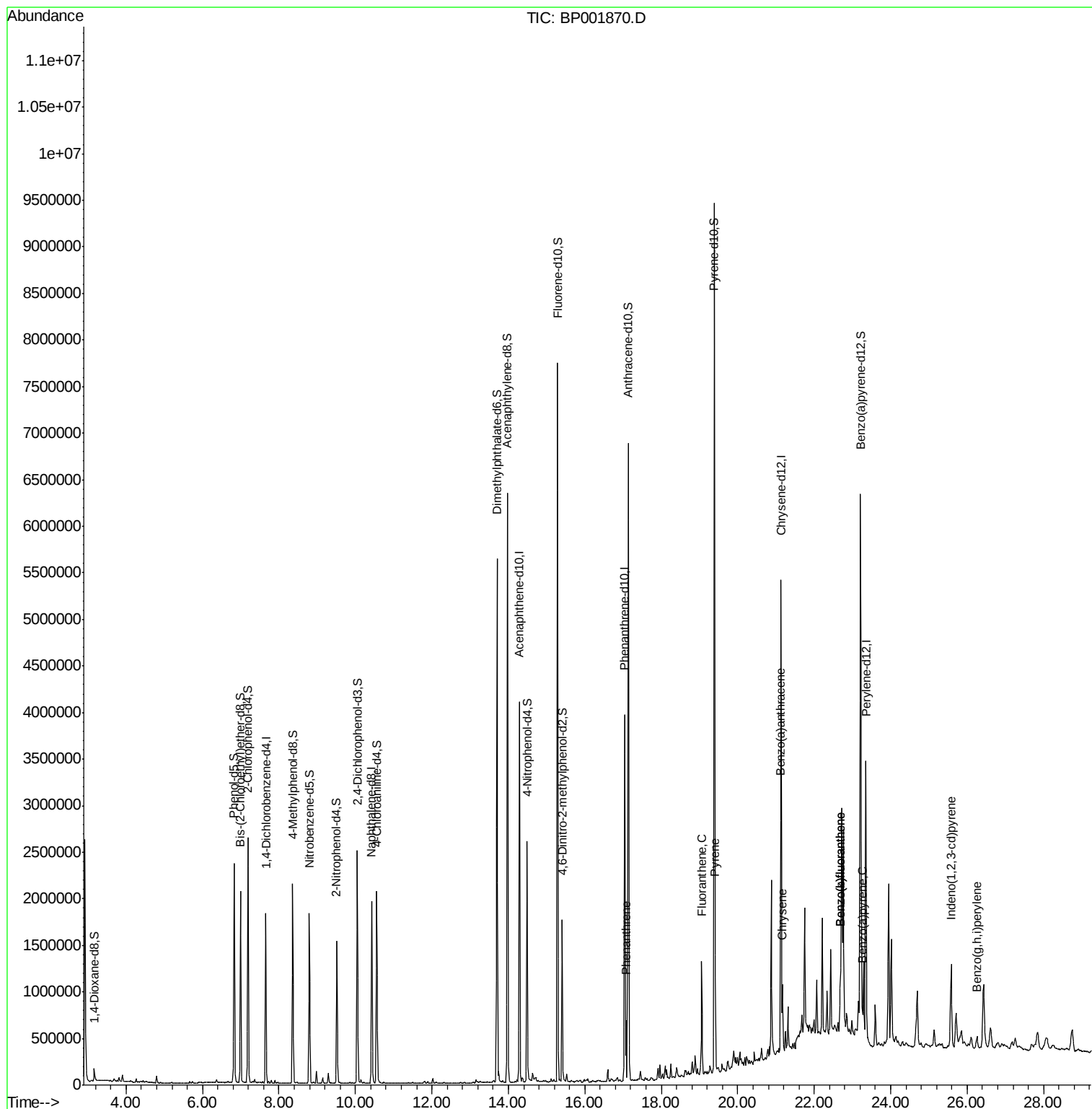
Target Compounds						Qvalue
70) Phenanthrene	17.08	178	390820	2.918	ng/ul	99
77) Fluoranthene	19.06	202	743431	5.184	ng/ul	96
80) Pyrene	19.41	202	665451	4.327	ng/ul	97
83) Benzo(a)anthracene	21.12	228	379002	2.546	ng/ul	99
85) Chrysene	21.17	228	374532	2.575	ng/ul	99
88) Benzo(b)fluoranthene	22.69	252	615468	4.766	ng/ul	97
89) Benzo(k)fluoranthene	22.69	252	615468	4.598	ng/ul	97
91) Benzo(a)pyrene	23.25	252	260298	2.151	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.58	276	186711	1.235	ng/ul	95
94) Benzo(g,h,i)perylene	26.25	276	143847	1.119	ng/ul	100

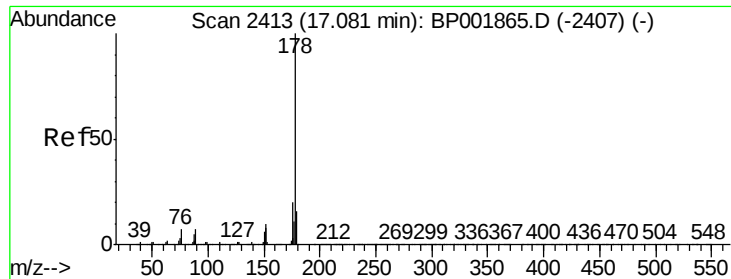
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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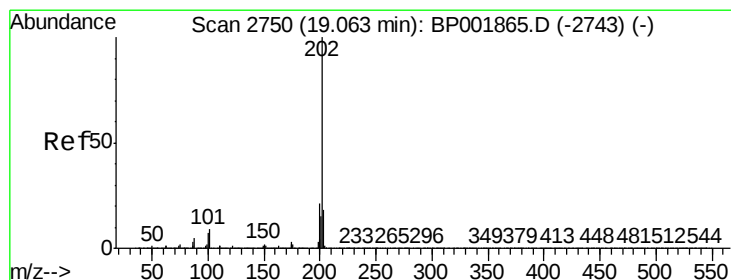
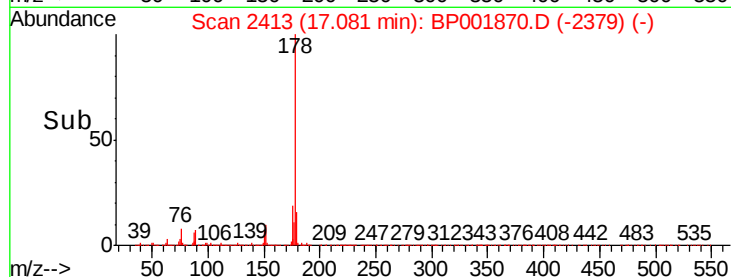
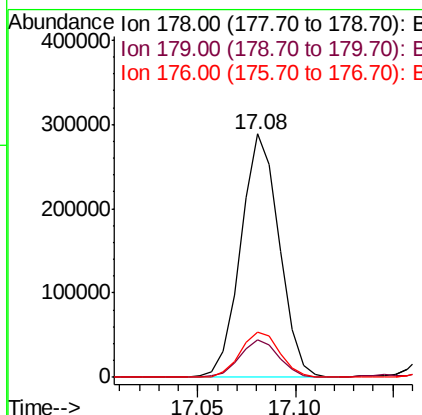
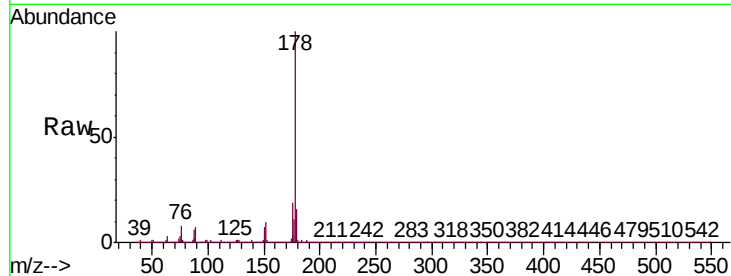




#70
Phenanthrene
Concen: 2.918 ng/ul
RT: 17.08 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BP001870.D
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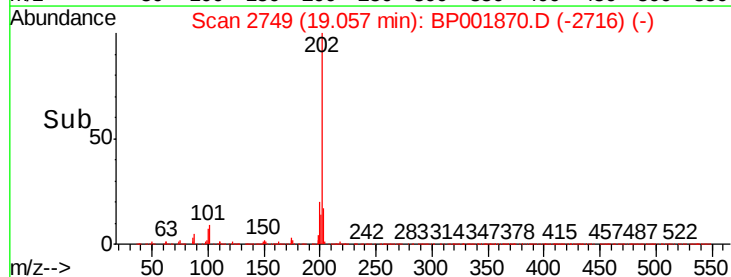
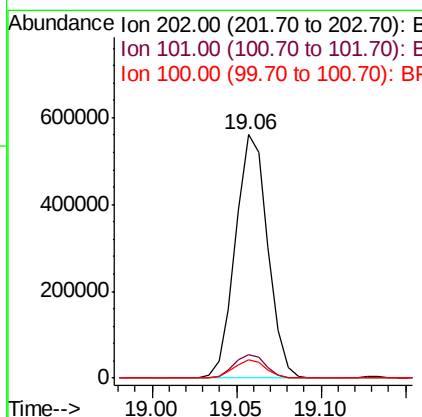
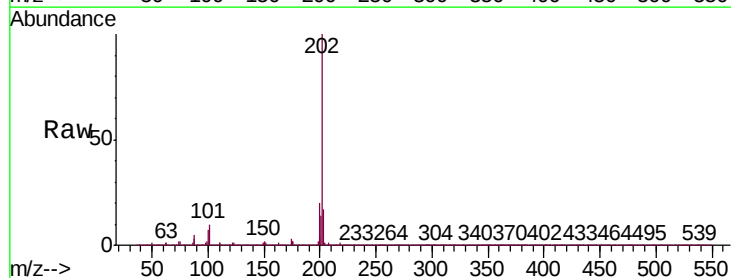
Instrument :
BNA_P
ClientSampleId :
CB6X4

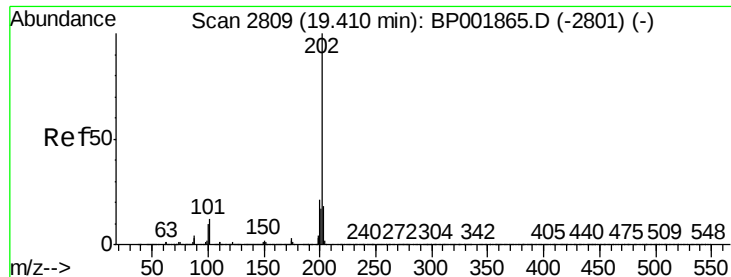
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.7	15.3	22.9



#77
Fluoranthene
Concen: 5.184 ng/ul
RT: 19.06 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BP001870.D
Acq: 24 Feb 2020 20:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.1	13.7
100	7.4	6.6	9.8

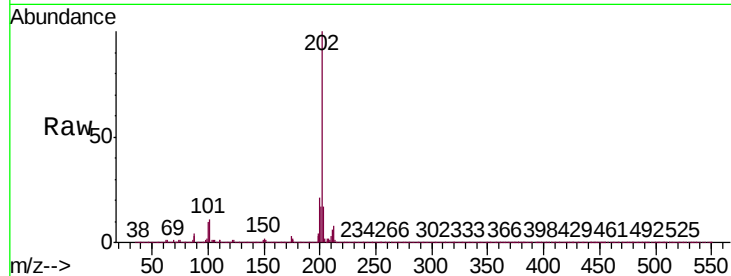




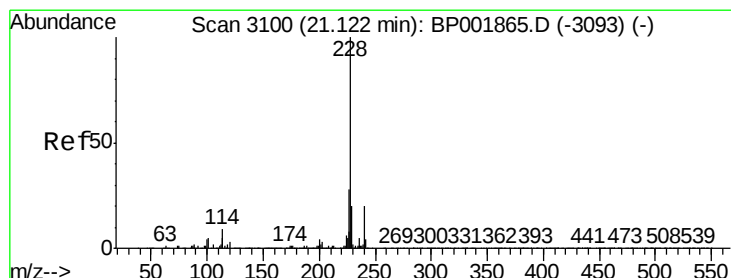
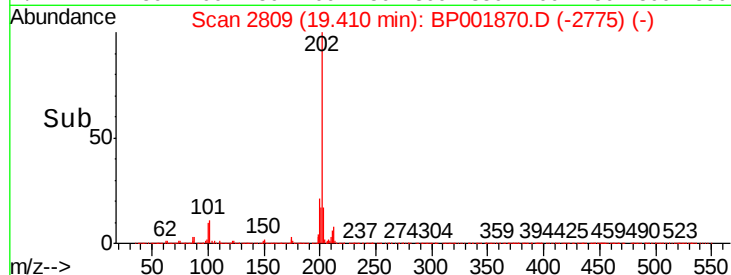
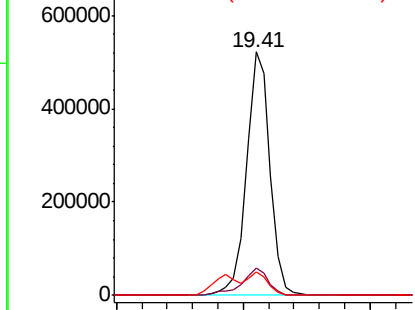
#80
Pyrene
Concen: 4.327 ng/ul
RT: 19.41 min Scan# 2809
Delta R.T. -0.00 min
Lab File: BP001870.D
Acq: 24 Feb 2020 20:34

Instrument :
BNA_P
ClientSampleId :
CB6X4

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	10.2	15.2
100	9.7	8.2	12.2

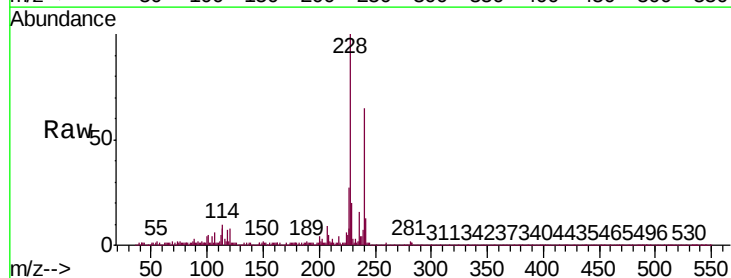


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): BF

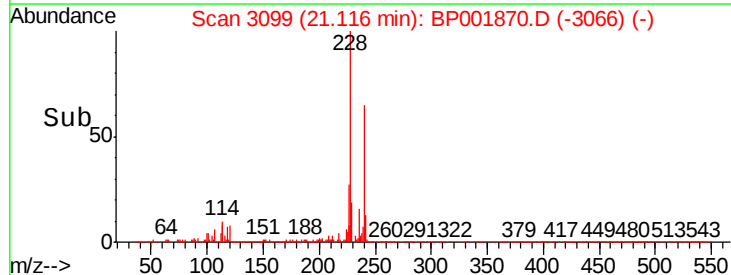
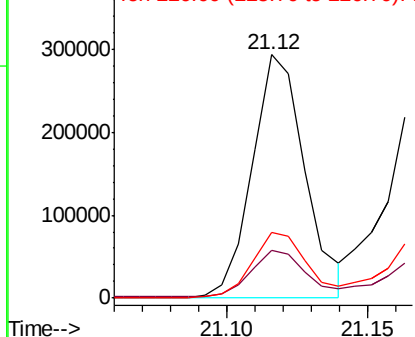


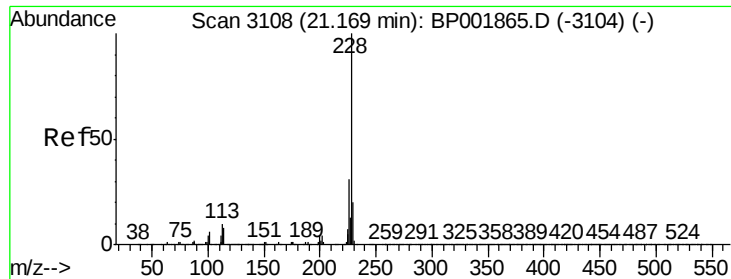
#83
Benzo(a)anthracene
Concen: 2.546 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BP001870.D
Acq: 24 Feb 2020 20:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.2	24.4
226	26.9	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: 2.575 ng/ul

RT: 21.17 min Scan# 3108

Delta R.T. -0.00 min

Lab File: BP001870.D

Acq: 24 Feb 2020 20:34

Instrument :

BNA_P

ClientSampleId :

CB6X4

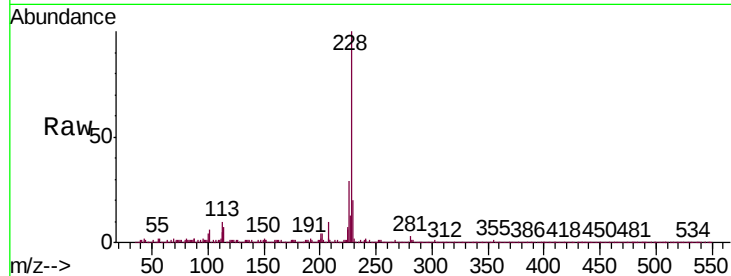
Tgt Ion:228 Resp: 374532

Ion Ratio Lower Upper

228 100

226 29.2 24.2 36.2

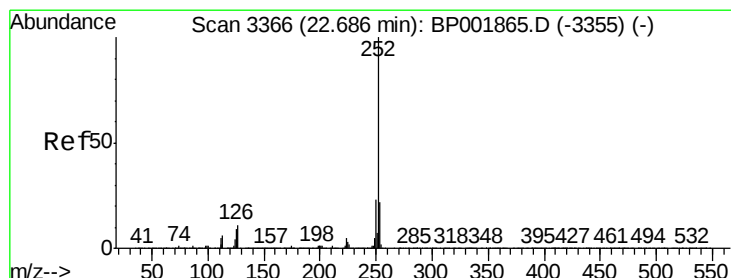
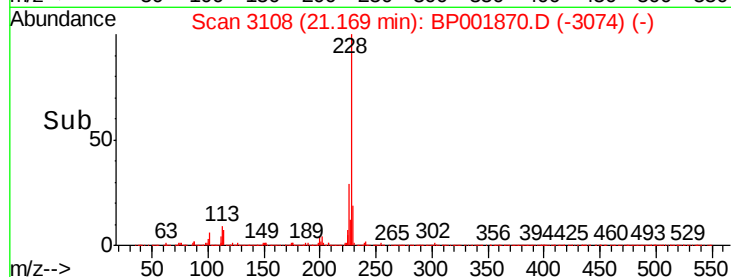
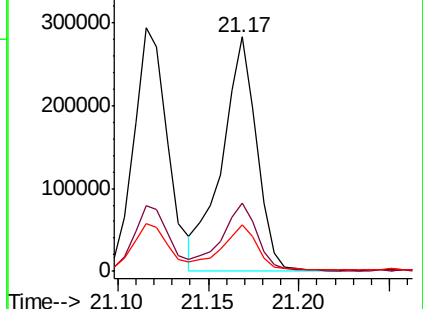
229 19.8 15.7 23.5



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: 4.766 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BP001870.D

Acq: 24 Feb 2020 20:34

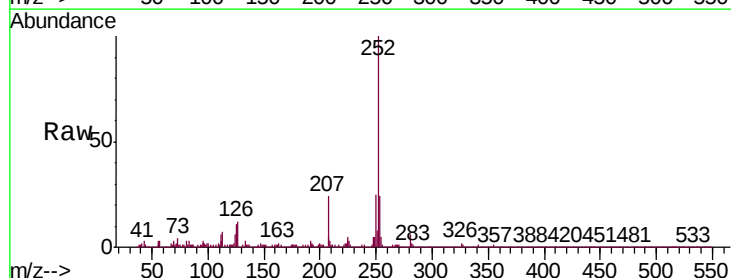
Tgt Ion:252 Resp: 615468

Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

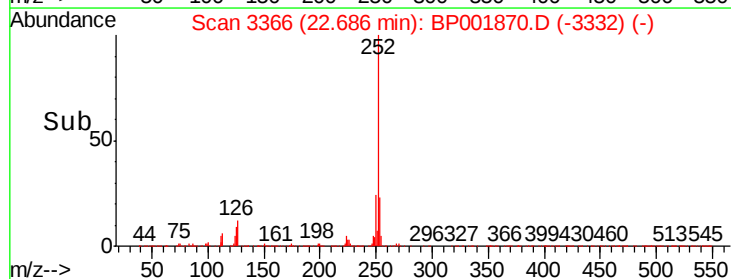
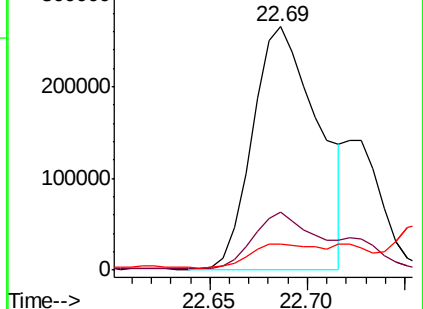
125 10.5 7.8 11.6

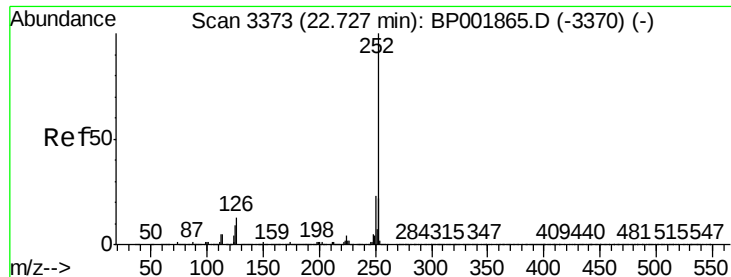


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.598 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. -0.04 min

Lab File: BP001870.D

Acq: 24 Feb 2020 20:34

Instrument :

BNA_P

ClientSampleId :

CB6X4

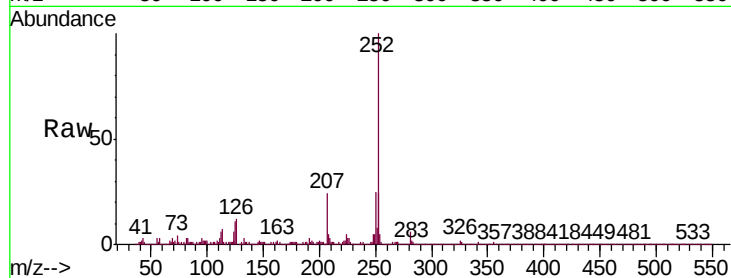
Tgt Ion:252 Resp: 615468

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.6

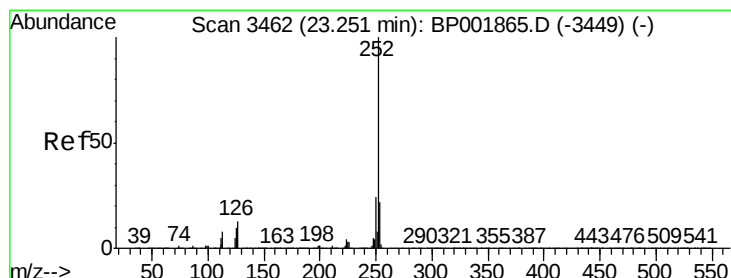
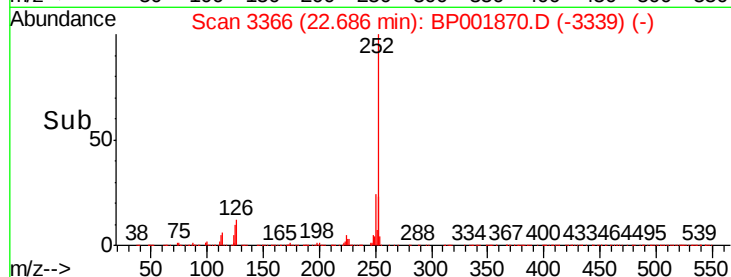
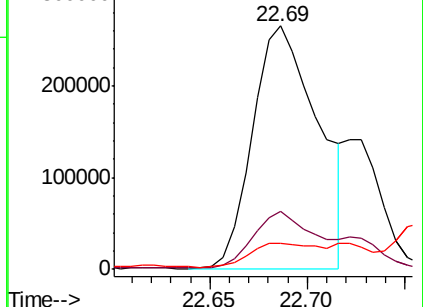
125 10.5 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 2.151 ng/ul

RT: 23.25 min Scan# 3462

Delta R.T. -0.00 min

Lab File: BP001870.D

Acq: 24 Feb 2020 20:34

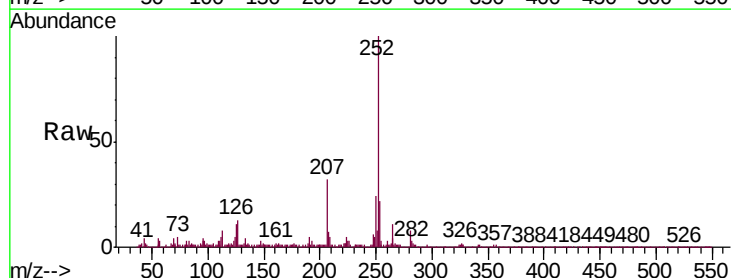
Tgt Ion:252 Resp: 260298

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

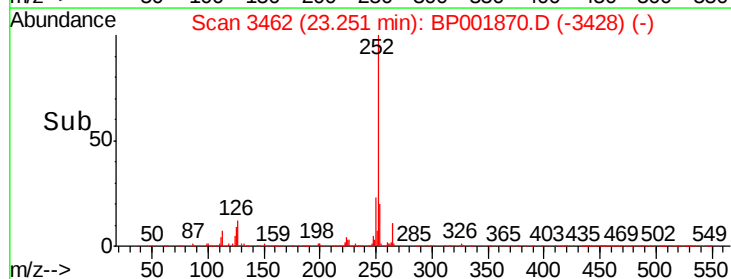
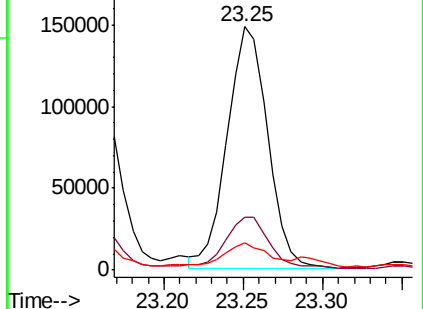
125 11.0 8.3 12.5

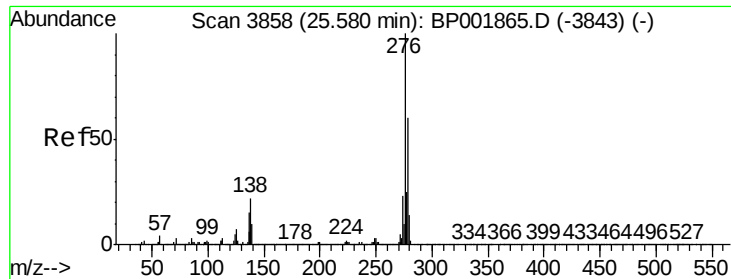


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.235 ng/ul

RT: 25.58 min Scan# 3858

Delta R.T. -0.00 min

Lab File: BP001870.D

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BNA_P

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CB6X4

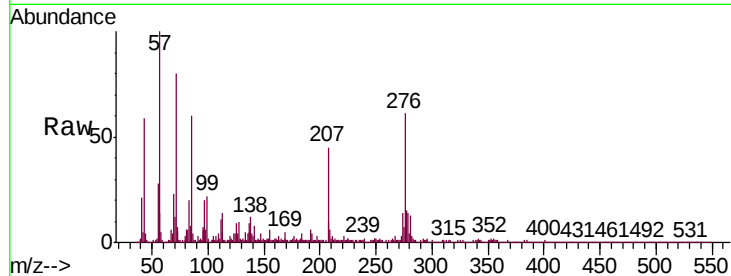
Tgt Ion:276 Resp: 186711

Ion Ratio Lower Upper

276 100

138 20.4 19.3 28.9

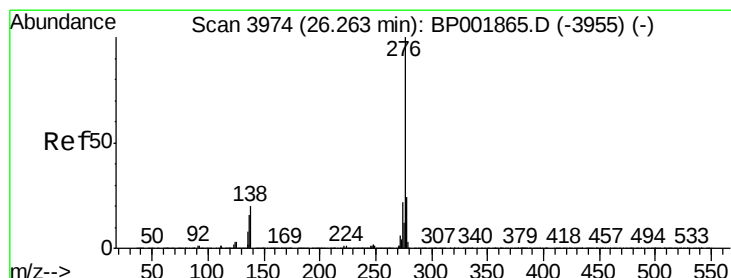
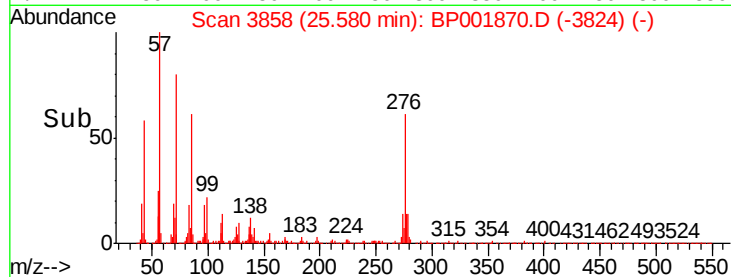
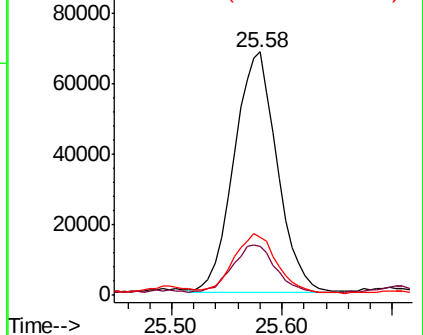
277 23.8 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#94

Benzo(g,h,i)perylene

Concen: 1.119 ng/ul

RT: 26.25 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BP001870.D

Acq: 24 Feb 2020 20:34

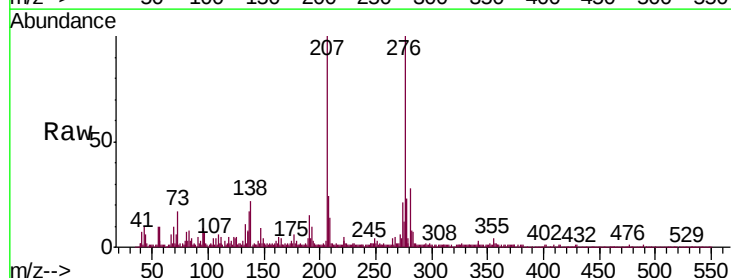
Tgt Ion:276 Resp: 143847

Ion Ratio Lower Upper

276 100

138 22.1 17.7 26.5

277 23.1 18.8 28.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

