

Data File : BP001869.D
Acq On : 24 Feb 2020 20:00
Operator : CG/JU
Sample : L1536-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB6X3

Quant Time: Feb 25 05:58:16 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	357540	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	1515888	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	963170	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2153850	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1910132	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	1781509	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	62587	7.27	ng/uL	0.00
5) Phenol-d5	6.83	99	939021	34.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	526709	33.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	844612	38.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	787968	36.77	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	422654	41.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	472918	50.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	863523	39.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	1068842	40.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2652541	39.24	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	3198597	38.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	454561	38.62	ng/ul	0.00
58) Fluorene-d10	15.29	176	2312032	38.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	357479	42.10	ng/ul	0.00
71) Anthracene-d10	17.14	188	3477833	36.65	ng/ul	0.00
79) Pyrene-d10	19.39	212	5002343	51.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	3517004	40.88	ng/ul	0.00

Target Compounds

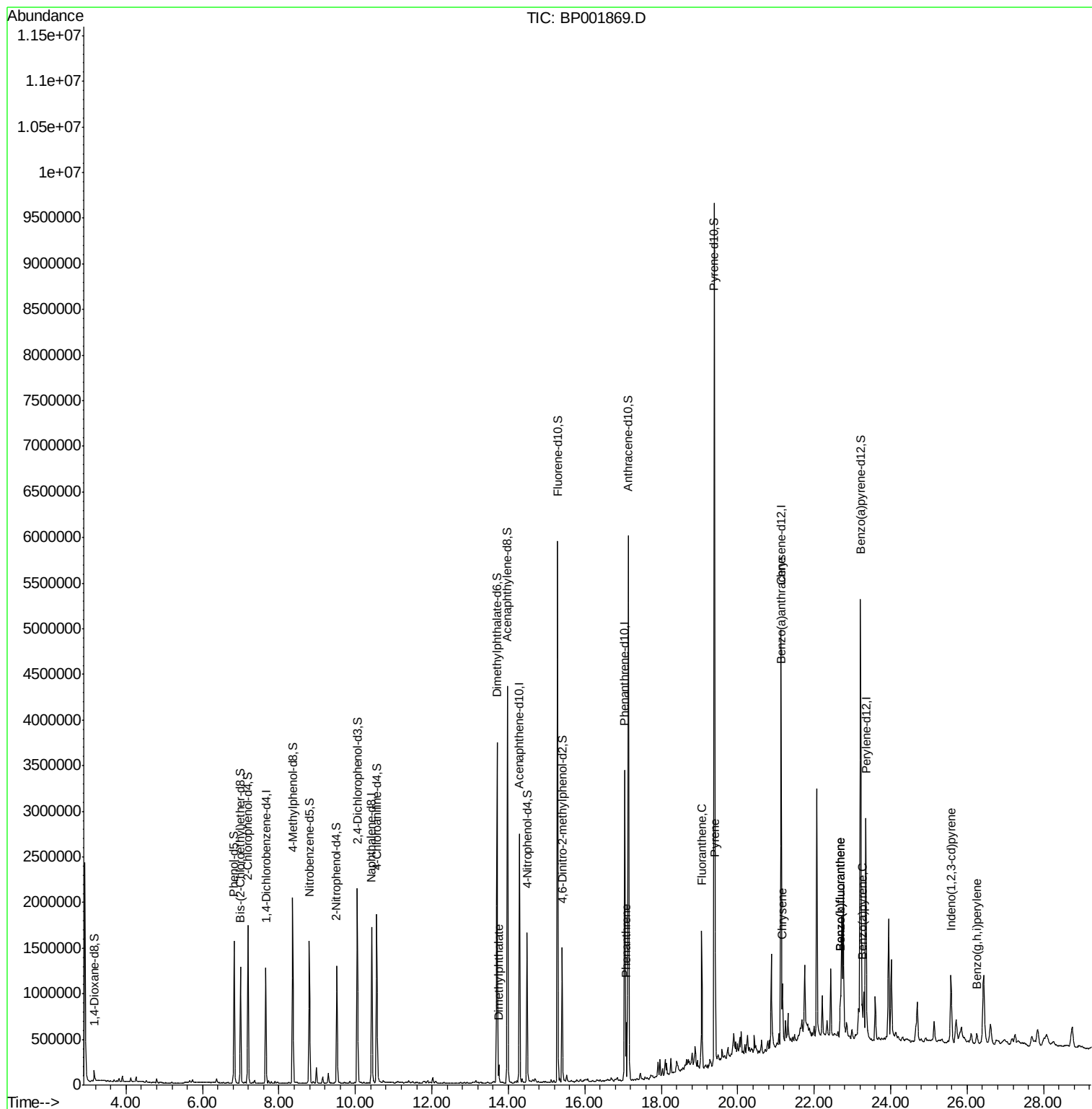
						Qvalue
45) Dimethylphthalate	13.75	163	130187	1.830	ng/ul	99
70) Phenanthrene	17.08	178	389580	3.280	ng/ul	100
77) Fluoranthene	19.06	202	899672	7.073	ng/ul	99
80) Pyrene	19.41	202	781412	6.014	ng/ul	98
83) Benzo(a)anthracene	21.12	228	348752	2.773	ng/ul	97
85) Chrysene	21.17	228	354853	2.888	ng/ul	99
88) Benzo(b)fluoranthene	22.69	252	421693	4.023	ng/ul	100
89) Benzo(k)fluoranthene	22.69	252	421693	3.881	ng/ul	100
91) Benzo(a)pyrene	23.25	252	243656	2.480	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.58	276	170223	1.387	ng/ul#	93
94) Benzo(g,h,i)perylene	26.26	276	134605	1.290	ng/ul	97

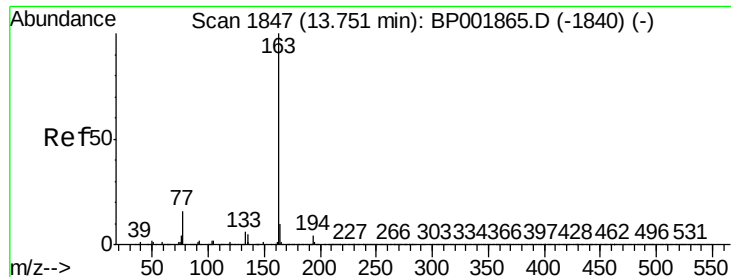
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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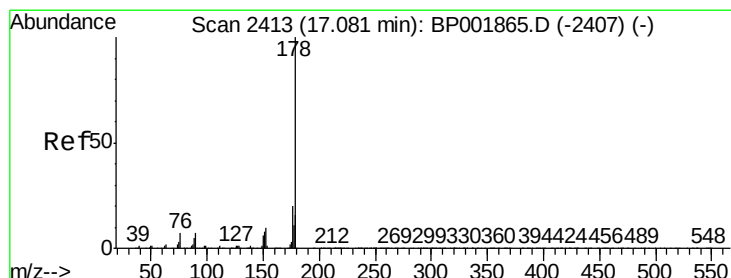
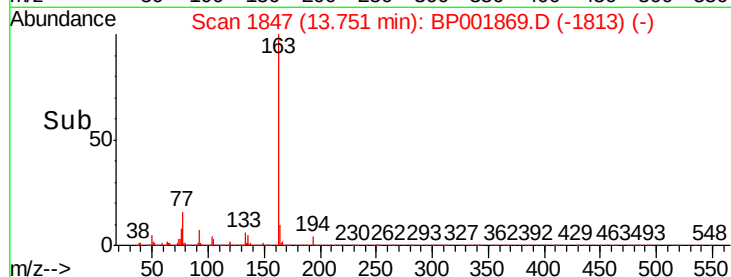
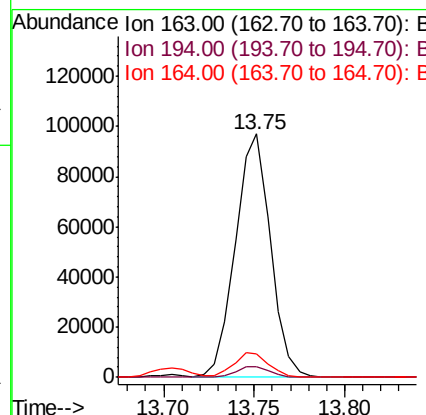
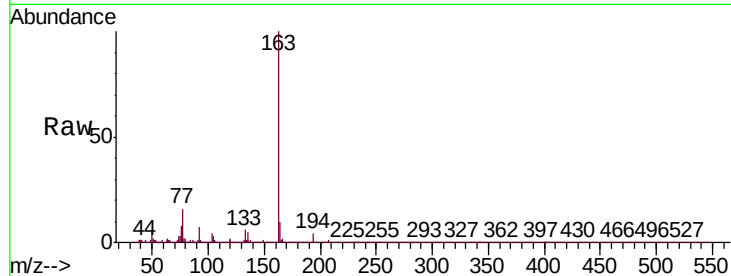




#45
Dimethylphthalate
Concen: 1.830 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BP001869.D
Acq: 24 Feb 2020 20:00

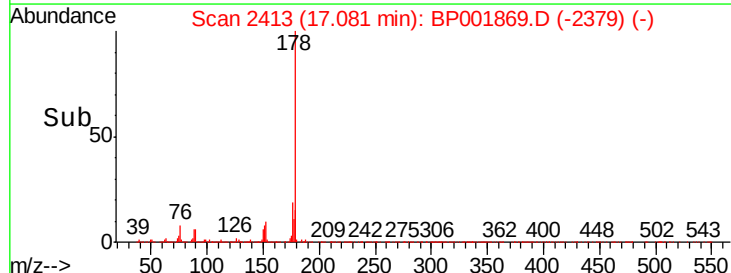
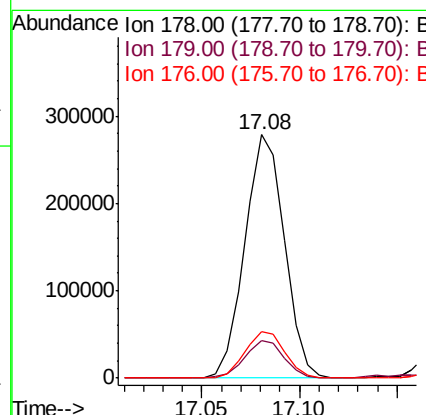
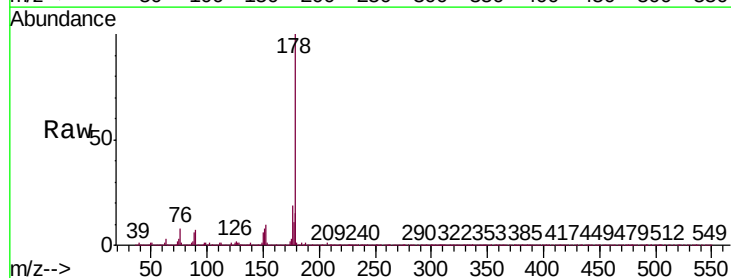
Instrument :
BNA_P
ClientSampleId :
CB6X3

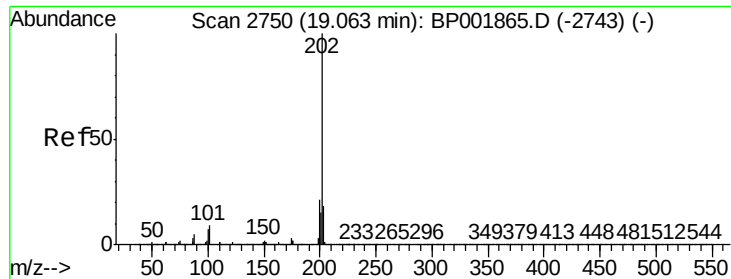
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.6	8.0	12.0



#70
Phenanthrene
Concen: 3.280 ng/ul
RT: 17.08 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BP001869.D
Acq: 24 Feb 2020 20:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.1	15.3	22.9





#77

Fluoranthene

Concen: 7.073 ng/ul

RT: 19.06 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BP001869.D

Acq: 24 Feb 2020 20:00

Instrument :

BNA_P

ClientSampleId :

CB6X3

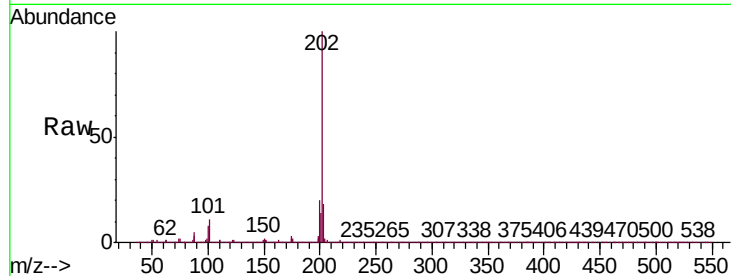
Tgt Ion:202 Resp: 899672

Ion Ratio Lower Upper

202 100

101 11.0 9.1 13.7

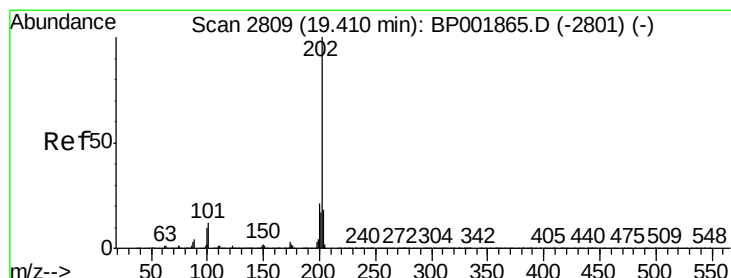
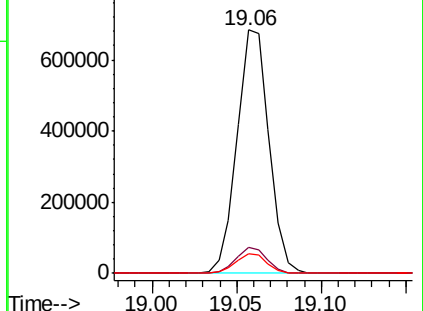
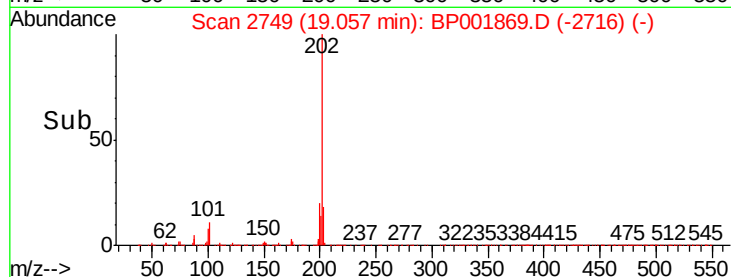
100 8.3 6.6 9.8



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: 6.014 ng/ul

RT: 19.41 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BP001869.D

Acq: 24 Feb 2020 20:00

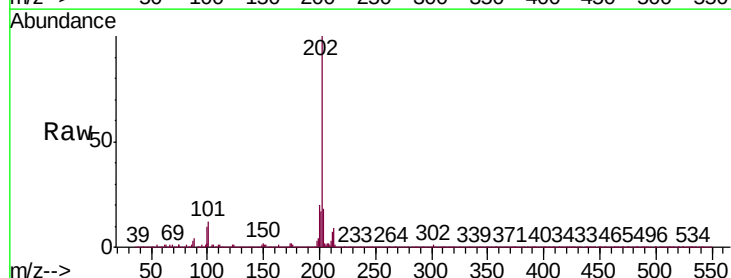
Tgt Ion:202 Resp: 781412

Ion Ratio Lower Upper

202 100

101 12.0 10.2 15.2

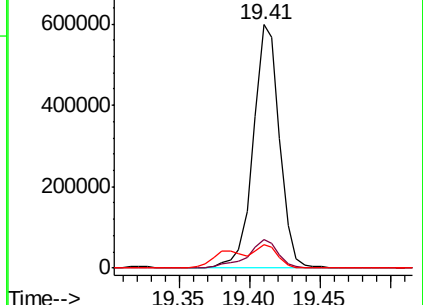
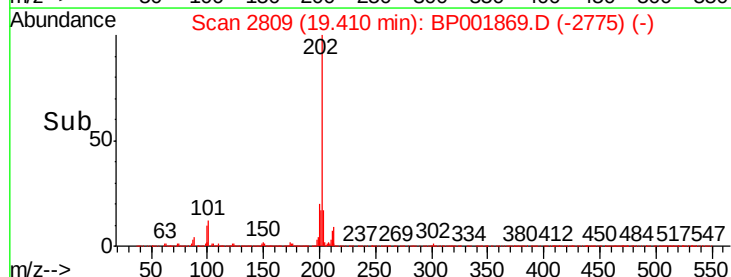
100 9.7 8.2 12.2

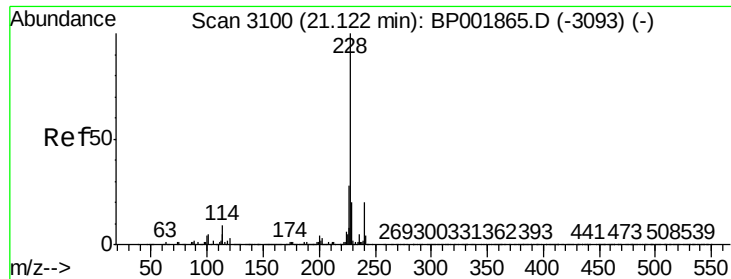


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): BF

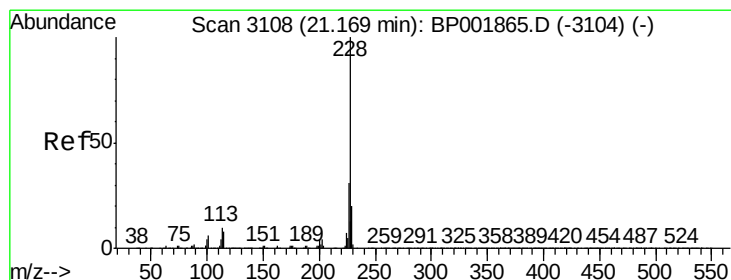
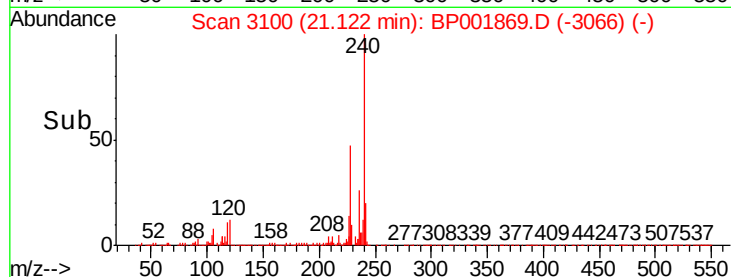
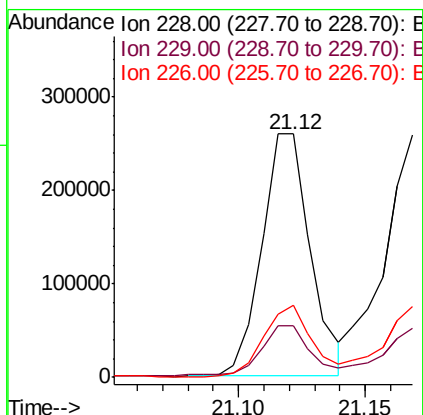
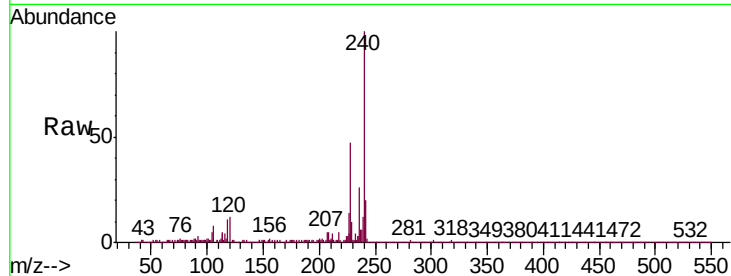




#83
Benzo(a)anthracene
Concen: 2.773 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BP001869.D
Acq: 24 Feb 2020 20:00

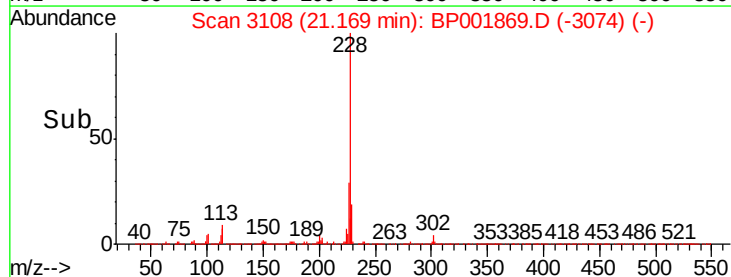
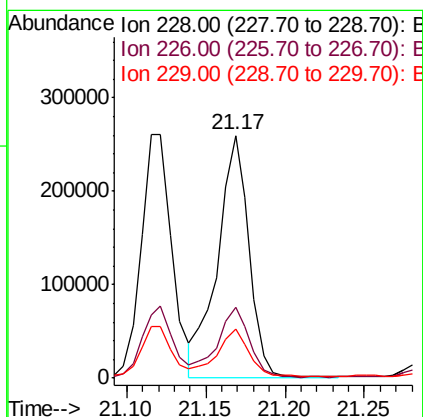
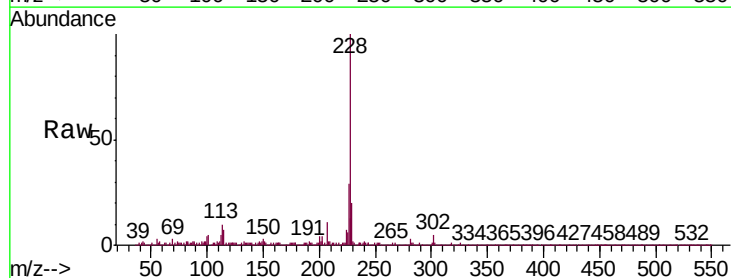
Instrument :
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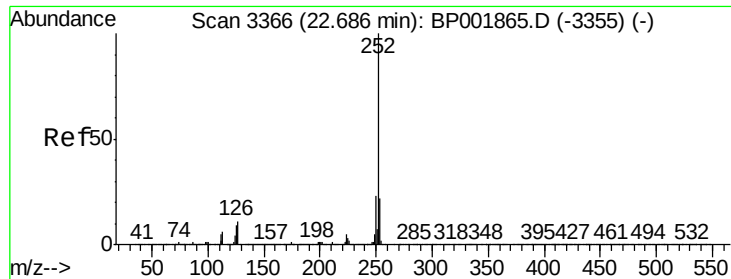
Tgt Ion:	228	Resp:	348752
Ion Ratio	Lower	Upper	
228	100		
229	21.2	16.2	24.4
226	29.6	22.0	33.0



#85
Chrysene
Concen: 2.888 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BP001869.D
Acq: 24 Feb 2020 20:00

Tgt Ion:	228	Resp:	354853
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.2	36.2
229	20.1	15.7	23.5





#88

Benzo(b)fluoranthene

Concen: 4.023 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BP001869.D

Acq: 24 Feb 2020 20:00

Instrument :

BNA_P

ClientSampleId :

CB6X3

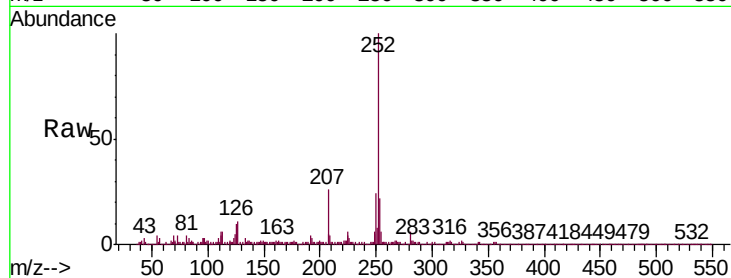
Tgt Ion:252 Resp: 421693

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

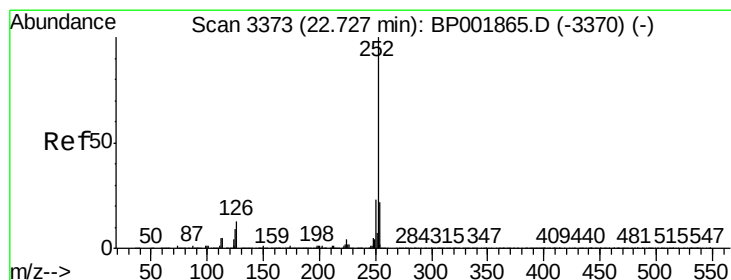
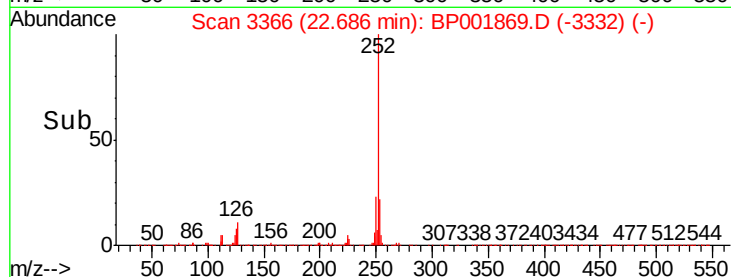
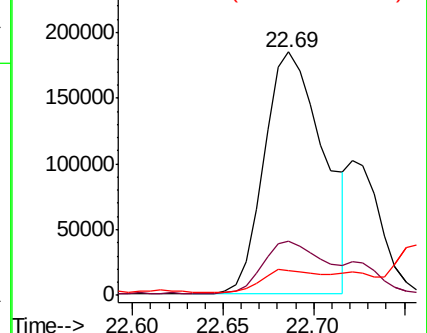
125 10.0 7.8 11.6



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: 3.881 ng/ul

RT: 22.69 min Scan# 3366

Delta R.T. -0.04 min

Lab File: BP001869.D

Acq: 24 Feb 2020 20:00

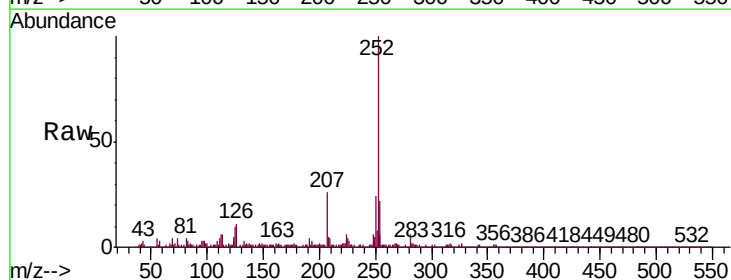
Tgt Ion:252 Resp: 421693

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

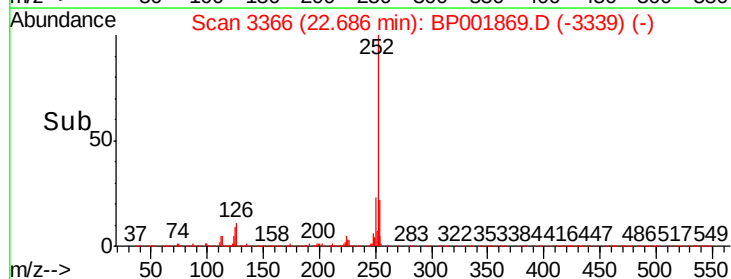
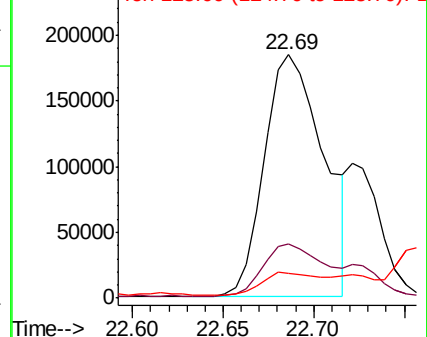
125 10.0 8.0 12.0

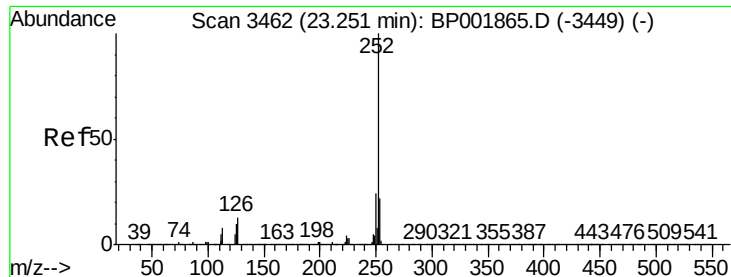


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 2.480 ng/ul

RT: 23.25 min Scan# 3462

Delta R.T. -0.00 min

Lab File: BP001869.D

Acq: 24 Feb 2020 20:00

Instrument :

BNA_P

ClientSampleId :

CB6X3

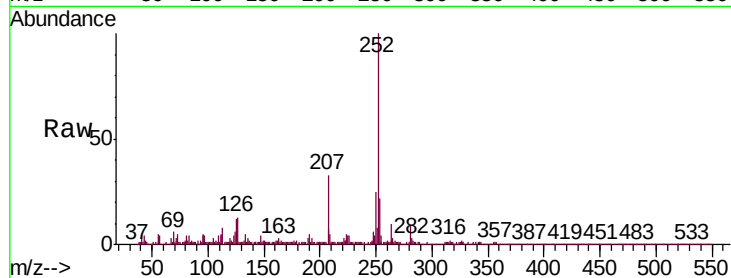
Tgt Ion: 252 Resp: 243656

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

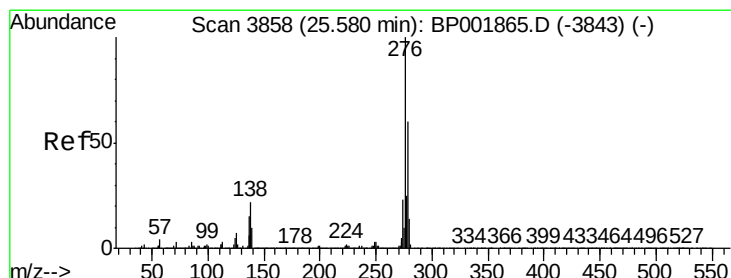
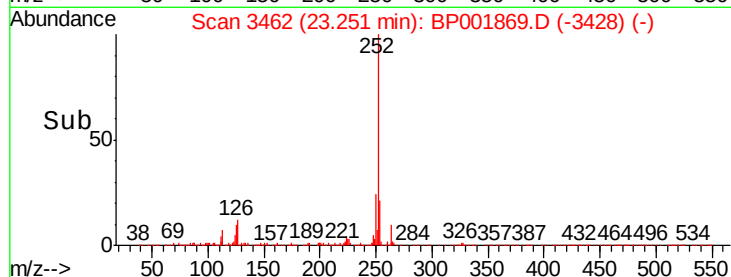
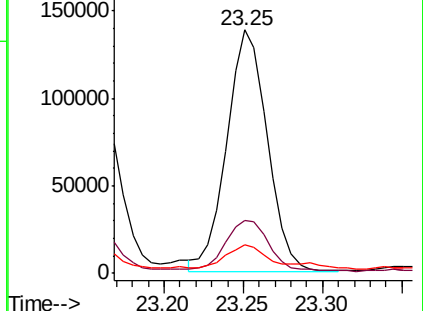
125 11.8 8.3 12.5



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: 1.387 ng/ul

RT: 25.58 min Scan# 3858

Delta R.T. -0.00 min

Lab File: BP001869.D

Acq: 24 Feb 2020 20:00

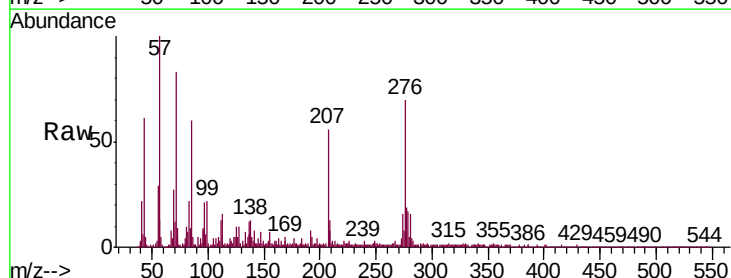
Tgt Ion: 276 Resp: 170223

Ion Ratio Lower Upper

276 100

138 19.0 19.3 28.9#

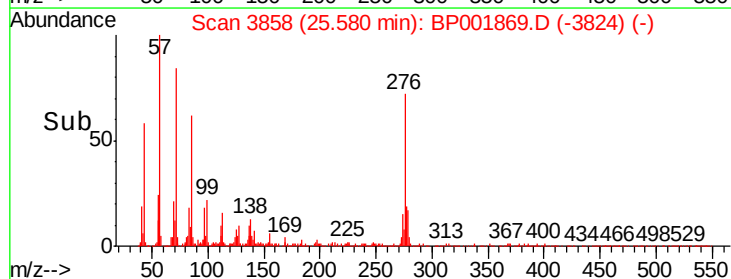
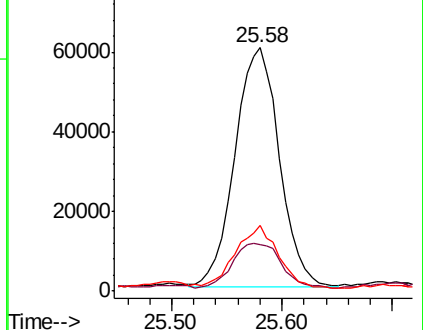
277 27.0 20.0 30.0

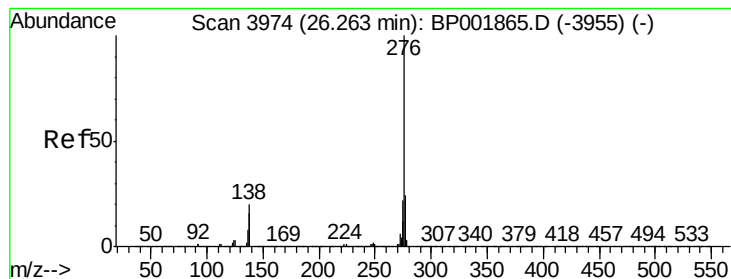


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.290 ng/ul

RT: 26.26 min Scan# 3973

Delta R.T. -0.01 min

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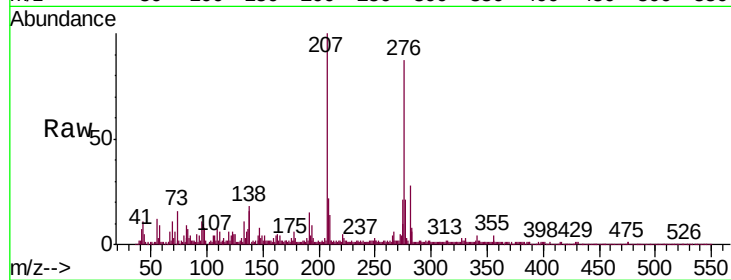
Tgt Ion: 276 Resp: 134605

Ion Ratio Lower Upper

276 100

138 20.4 17.7 26.5

277 24.3 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

