

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024806.D
 Acq On : 10 Feb 2020 13:51
 Operator : CG/JU
 Sample : L1402-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6K9

Quant Time: Feb 10 16:36:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 10 16:33:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	270351	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1111559	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	795780	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1694004	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1691328	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1769247	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	22679	4.03	ng/uL	0.00
5) Phenol-d5	6.60	99	381809	21.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	235686	23.24	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	351802	21.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	313858	20.71	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	174512	21.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	202087	21.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	376233	19.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	448789	25.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1189407	19.80	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1401388	19.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.28	143	137626	14.10	ng/ul	0.00
58) Fluorene-d10	15.06	176	1029109	19.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	162420	14.71	ng/ul	0.00
71) Anthracene-d10	16.91	188	1489089	19.26	ng/ul	0.00
79) Pyrene-d10	19.22	212	1723629	20.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1836697	20.67	ng/ul	0.00

Target Compounds

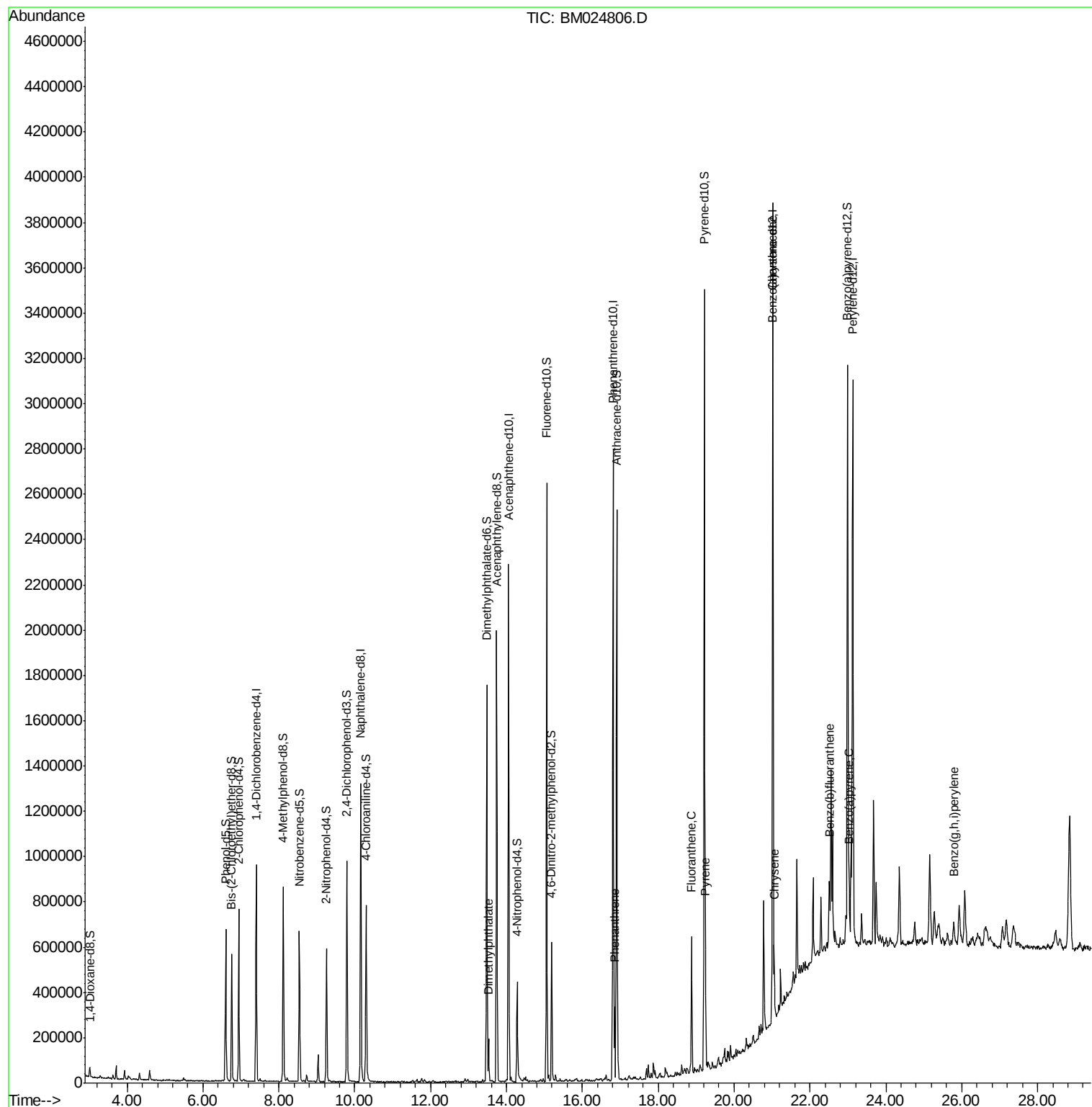
				Ovalue	
45) Dimethylphthalate	13.53	163	122102	1.949	ng/ul 99
70) Phenanthrene	16.85	178	190097	2.058	ng/ul 99
77) Fluoranthene	18.88	202	374077	3.299	ng/ul 100
80) Pyrene	19.24	202	316776	2.830	ng/ul 98
83) Benzo(a)anthracene	21.01	228	185615	1.629	ng/ul 98
85) Chrysene	21.06	228	181292	1.616	ng/ul 100
88) Benzo(b)fluoranthene	22.51	252	236297	2.100	ng/ul# 96
91) Benzo(a)pyrene	23.03	252	164539	1.631	ng/ul# 97
94) Benzo(a,h,i)perylene	25.79	276	105361	1.009	ng/ul# 94

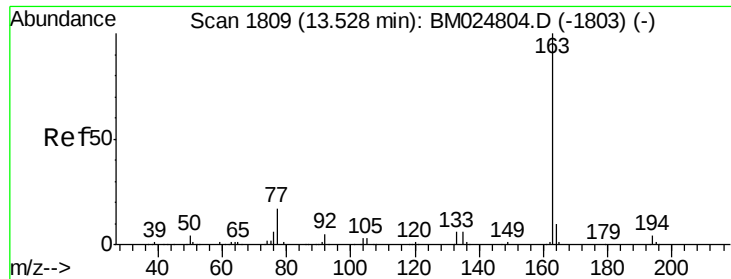
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 1.949 ng/ul

RT: 13.53 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BM024806.D

Acq: 10 Feb 2020 13:51

Instrument :

BNA_M

ClientSampleId :

CB6K9

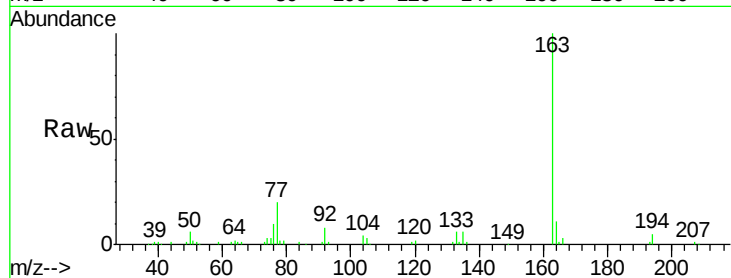
Tot Ion:163 Resp: 122102

Ion Ratio Lower Upper

163 100

194 4.9 3.5 5.3

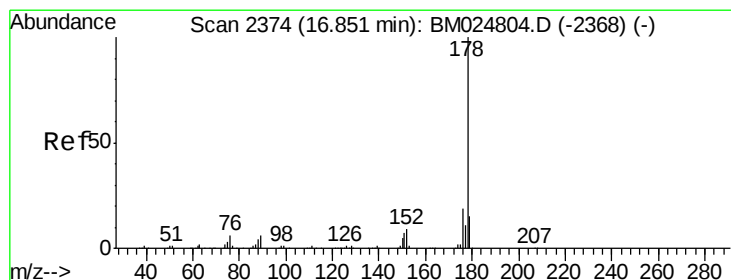
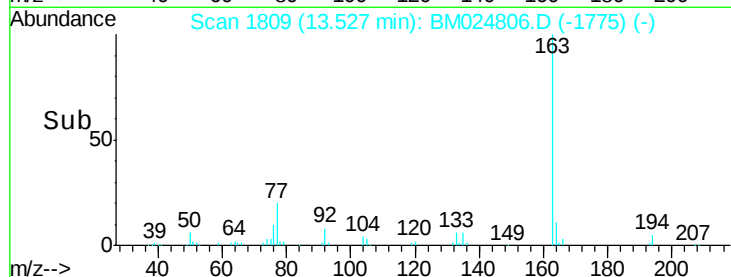
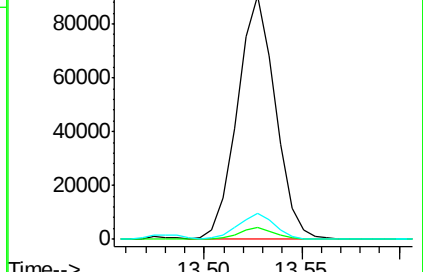
164 10.7 8.2 12.2



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: 2.058 ng/ul

RT: 16.85 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BM024806.D

Acq: 10 Feb 2020 13:51

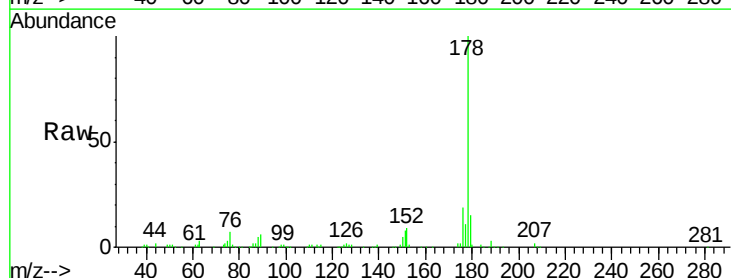
Tgt Ion:178 Resp: 190097

Ion Ratio Lower Upper

178 100

179 14.8 12.2 18.2

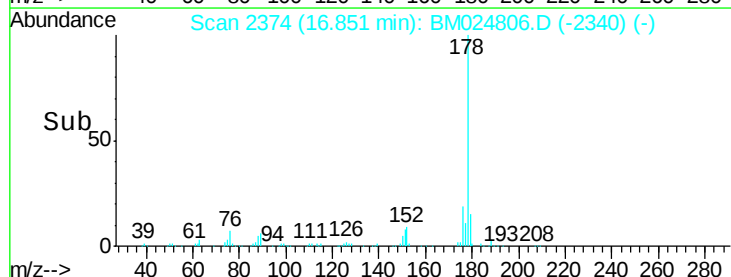
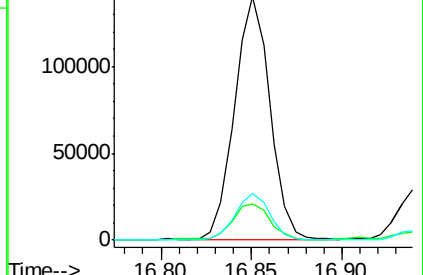
176 18.8 14.5 21.7

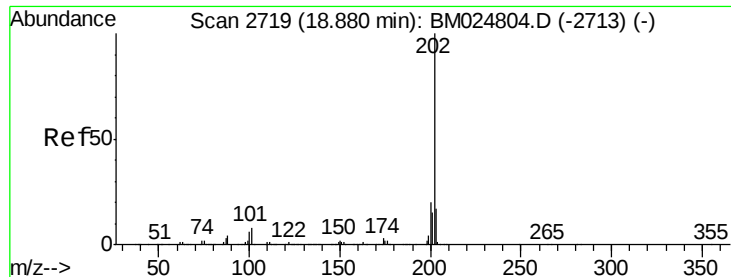


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

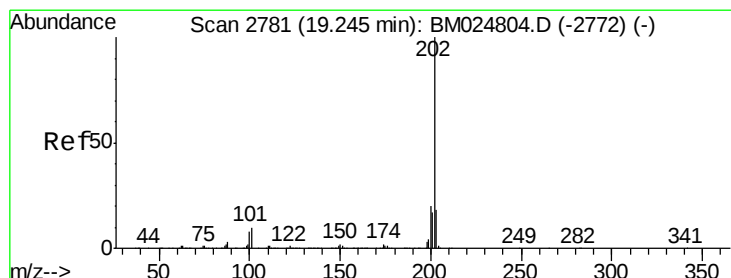
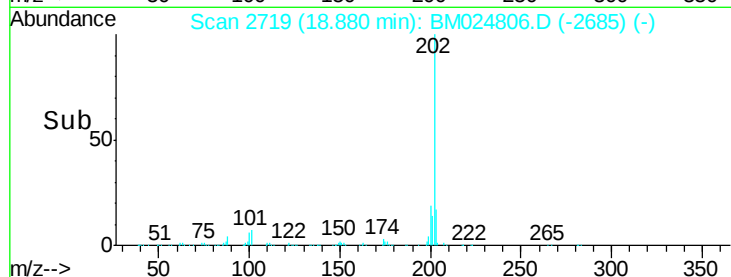
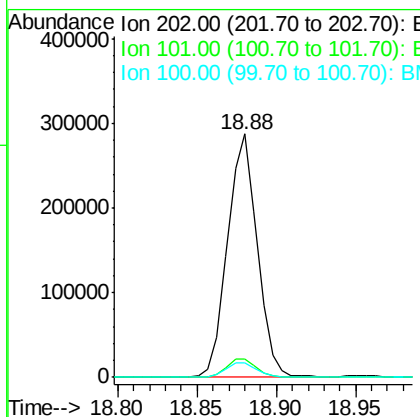
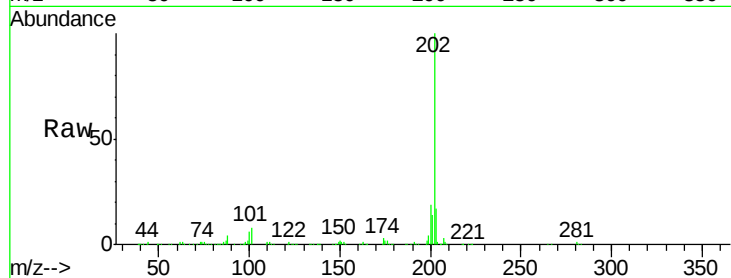




#77
 Fluoranthene
 Concen: 3.299 ng/ul
 RT: 18.88 min Scan# 2719
 Delta R.T. -0.00 min
 Lab File: BM024806.D
 Acq: 10 Feb 2020 13:51

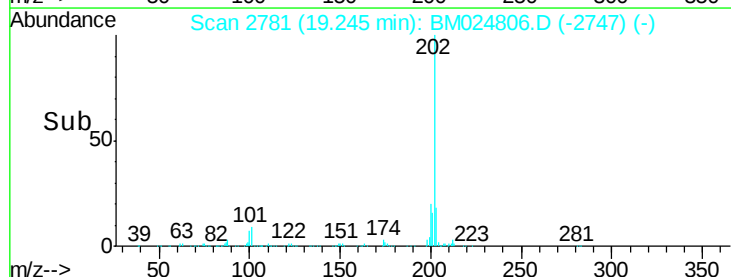
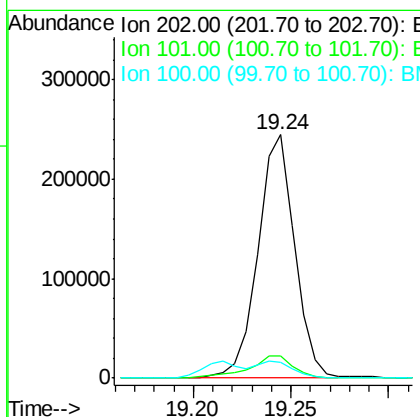
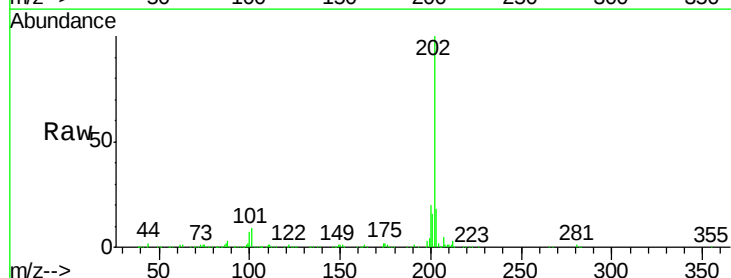
Instrument :
 BNA_M
 ClientSampleId :
 CB6K9

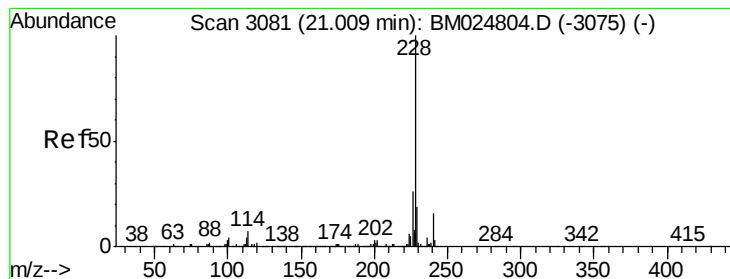
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.1	9.1
100	6.1	4.8	7.2



#80
 Pyrene
 Concen: 2.830 ng/ul
 RT: 19.24 min Scan# 2781
 Delta R.T. -0.00 min
 Lab File: BM024806.D
 Acq: 10 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.0	10.4
100	6.6	5.8	8.8





#83

Benzo(a)anthracene

Concen: 1.629 ng/ul

RT: 21.01 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM024806.D

Acq: 10 Feb 2020 13:51

Instrument :

BNA_M

ClientSampleId :

CB6K9

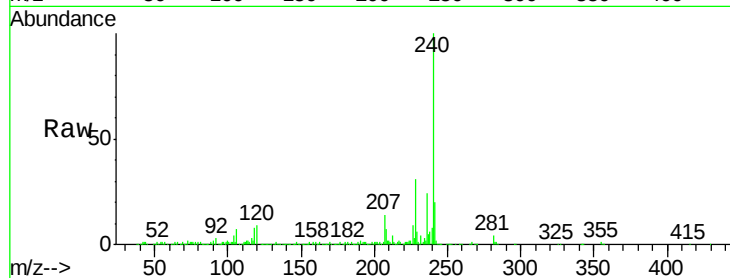
Tot Ion:228 Resp: 185615

Ion Ratio Lower Upper

228 100

229 19.5 15.9 23.9

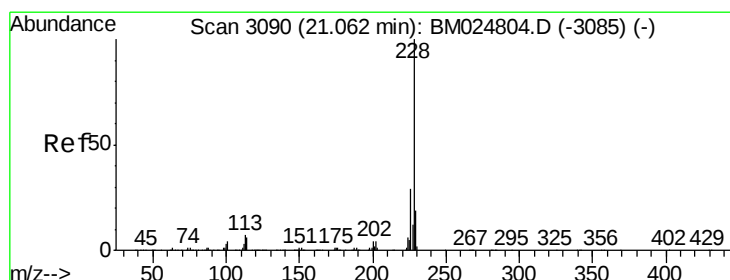
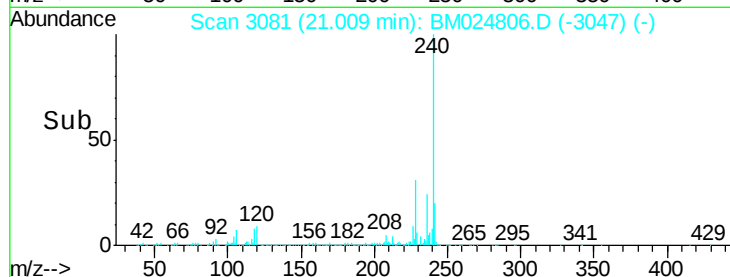
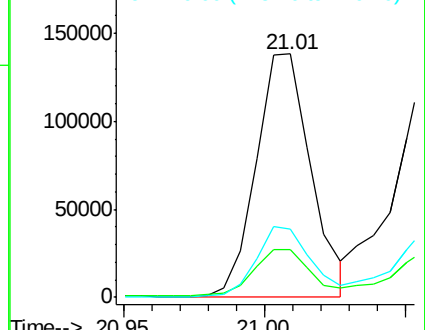
226 27.8 20.8 31.2



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: 1.616 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM024806.D

Acq: 10 Feb 2020 13:51

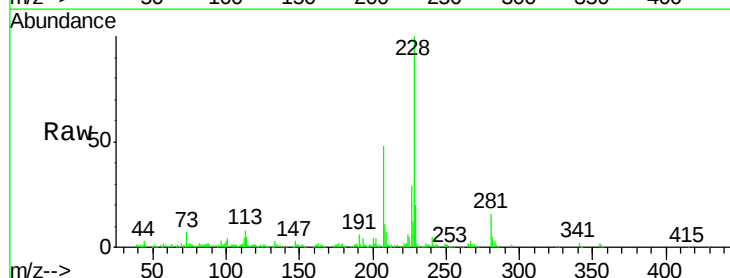
Tgt Ion:228 Resp: 181292

Ion Ratio Lower Upper

228 100

226 28.9 23.0 34.4

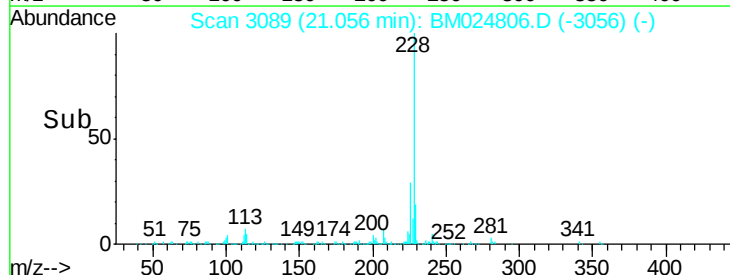
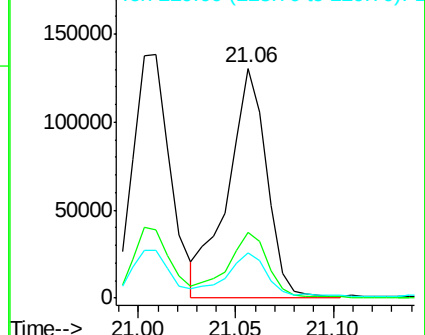
229 19.7 15.8 23.8

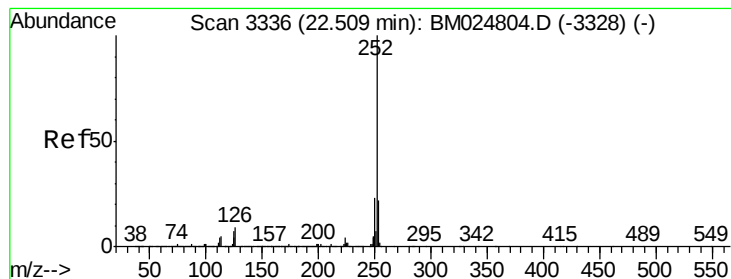


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 2.100 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.00 min

Lab File: BM024806.D

Acq: 10 Feb 2020 13:51

Instrument :

BNA_M

ClientSampleId :

CB6K9

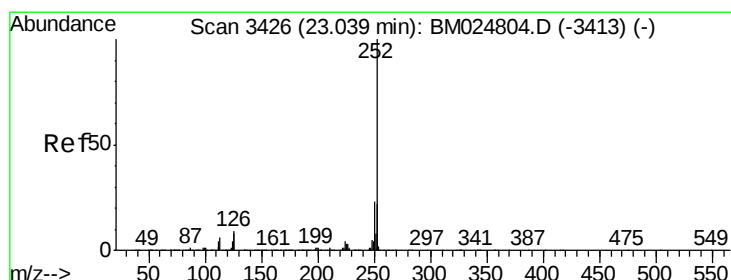
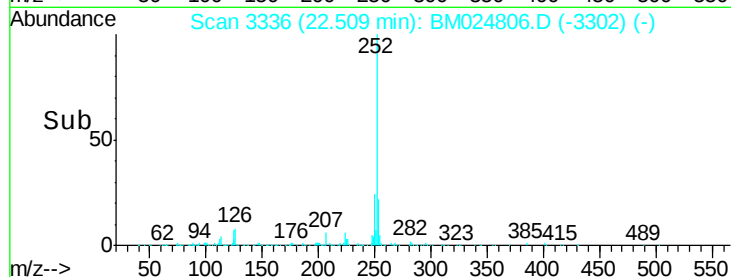
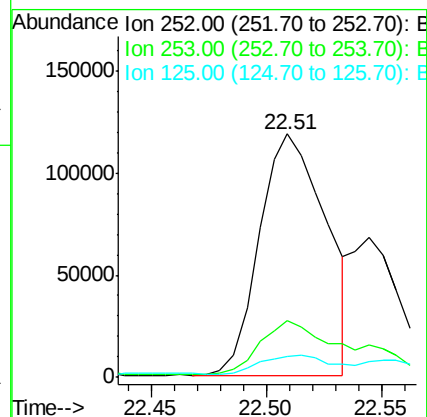
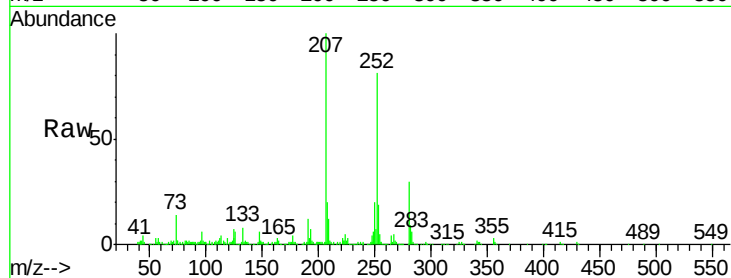
Tot Ion:252 Resp: 236297

Ion Ratio Lower Upper

252 100

253 23.2 17.3 25.9

125 8.7 5.1 7.7#



#91

Benzo(a)pyrene

Concen: 1.631 ng/ul

RT: 23.03 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM024806.D

Acq: 10 Feb 2020 13:51

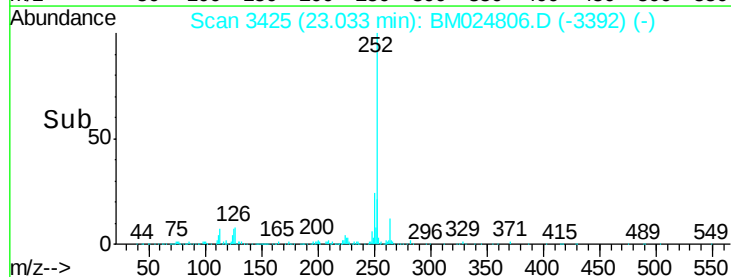
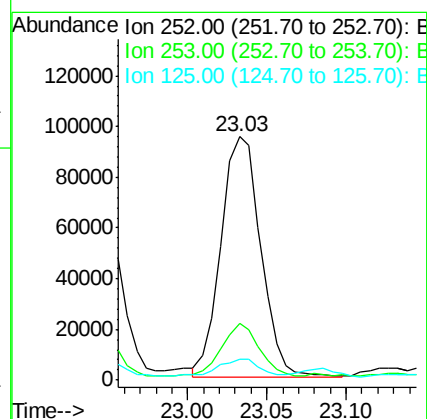
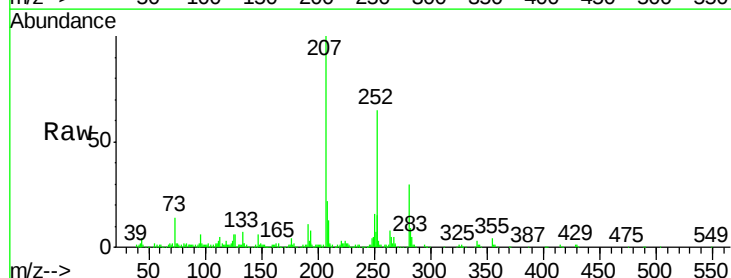
Tgt Ion:252 Resp: 164539

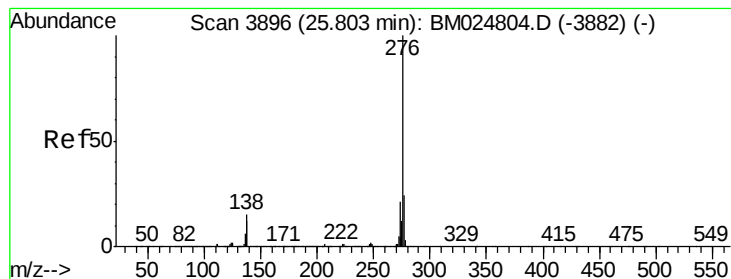
Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 8.7 5.6 8.4#





#94

Benzo(a,h,i)perylene

Concen: 1.009 ng/ul

RT: 25.79 min Scan# 3894

Delta R.T. -0.01 min

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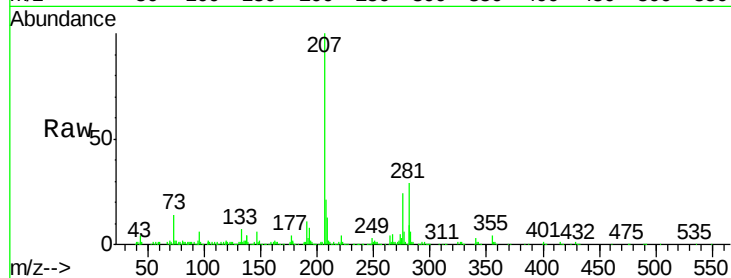
Tot Ion:276 Resp: 105361

Ion Ratio Lower Upper

276 100

138 20.8 11.8 17.6#

277 23.5 19.0 28.6



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

