

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024756.D
 Acq On : 07 Feb 2020 11:18
 Operator : CG/JU
 Sample : L1399-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB6F3

Quant Time: Feb 07 15:43:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	288207	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1155503	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	793028	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1754582	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1701050	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	1871238	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	20822	3.47	ng/uL	0.00
5) Phenol-d5	6.60	99	353711	18.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	234626	21.70	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	330835	19.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	315824	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	173399	20.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	205383	20.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	361682	18.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	456511	24.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1355361	22.64	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1365871	19.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	176023	18.10	ng/ul	0.00
58) Fluorene-d10	15.06	176	1076711	20.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	213857	18.70	ng/ul	0.00
71) Anthracene-d10	16.92	188	1644479	20.53	ng/ul	0.00
79) Pyrene-d10	19.22	212	1907119	22.41	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1958251	20.84	ng/ul	0.00

Target Compounds

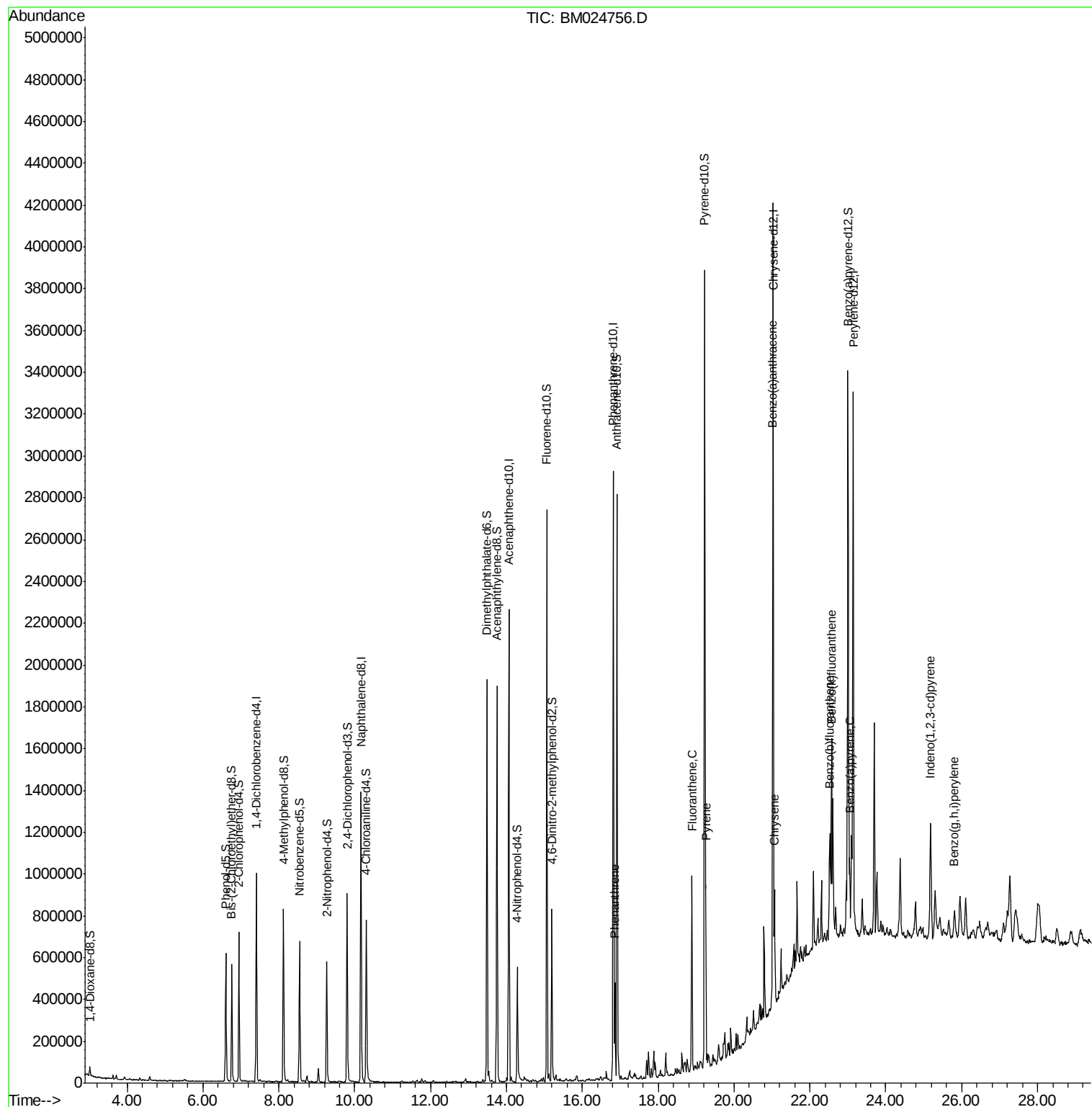
					Ovalue
70) Phenanthrene	16.86	178	273817	2.862 ng/ul	99
77) Fluoranthene	18.89	202	563099	4.795 ng/ul	99
80) Pyrene	19.25	202	518938	4.609 ng/ul	100
83) Benzo(a)anthracene	21.02	228	301868	2.635 ng/ul	95
85) Chrysene	21.06	228	329431	2.920 ng/ul	97
88) Benzo(b)fluoranthene	22.52	252	423554	3.560 ng/ul#	98
89) Benzo(k)fluoranthene	22.56	252	157068	1.371 ng/ul#	94
91) Benzo(a)pyrene	23.04	252	258941	2.427 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.19	276	195273	1.470 ng/ul	98
94) Benzo(g,h,i)perylene	25.81	276	155179	1.405 ng/ul	98

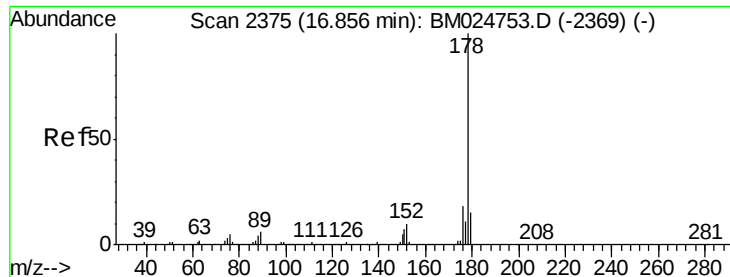
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#70

Phenanthrene

Concen: 2.862 ng/ul

RT: 16.86 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BM024756.D

Acq: 07 Feb 2020 11:18

Instrument :

BNA_M

ClientSampleId :

CB6F3

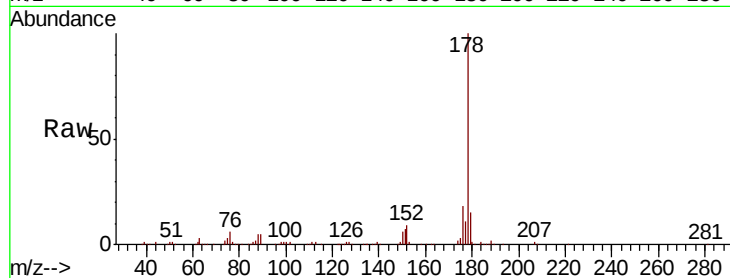
Tot Ion:178 Resp: 273817

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.2

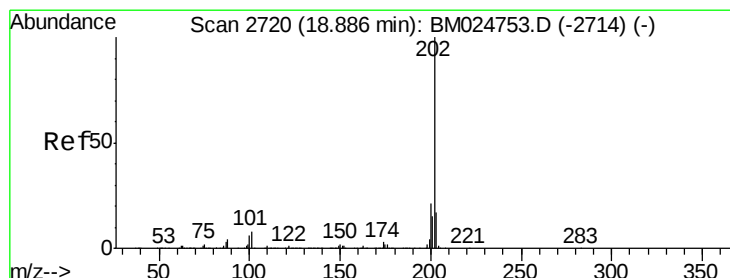
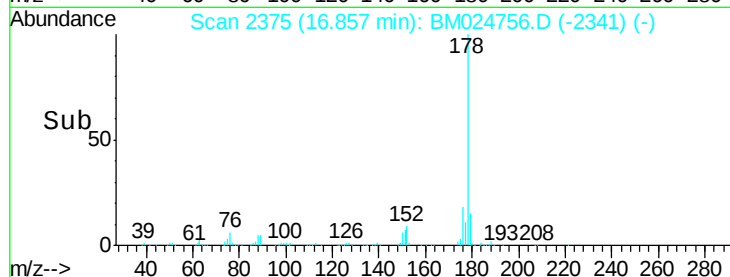
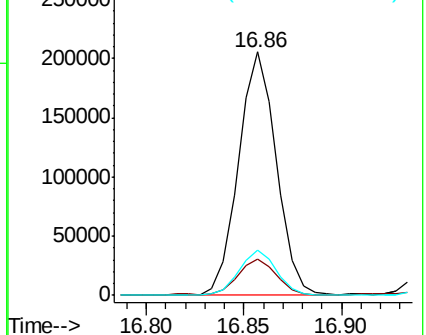
176 18.4 14.5 21.7



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: 4.795 ng/ul

RT: 18.89 min Scan# 2720

Delta R.T. 0.00 min

Lab File: BM024756.D

Acq: 07 Feb 2020 11:18

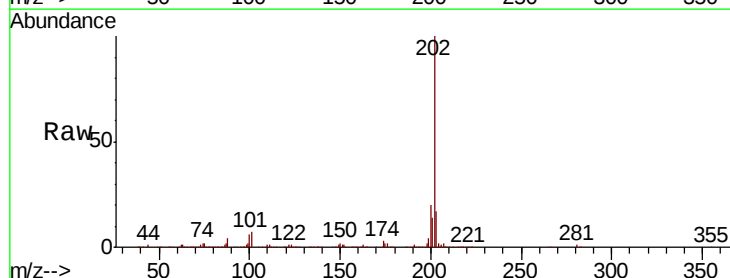
Tgt Ion:202 Resp: 563099

Ion Ratio Lower Upper

202 100

101 6.9 6.1 9.1

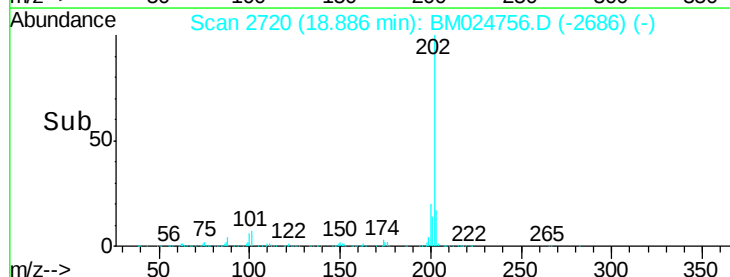
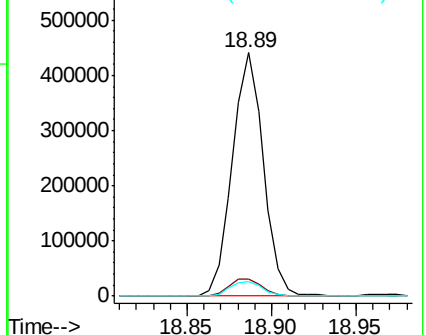
100 5.8 4.8 7.2

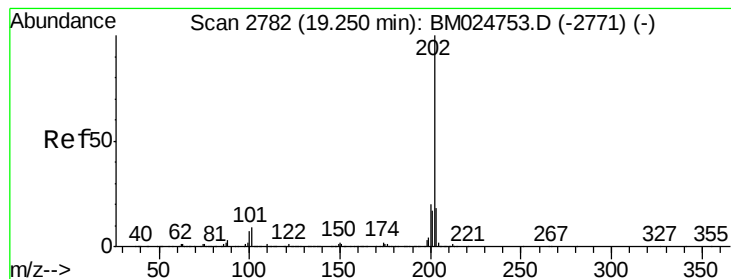


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 4.609 ng/ul

RT: 19.25 min Scan# 2782

Delta R.T. 0.00 min

Lab File: BM024756.D

Acq: 07 Feb 2020 11:18

Instrument :

BNA_M

ClientSampled :

CB6F3

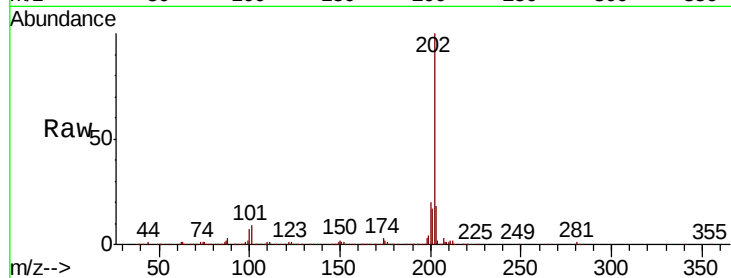
Tot Ion:202 Resp: 518938

Ion Ratio Lower Upper

202 100

101 8.9 7.0 10.4

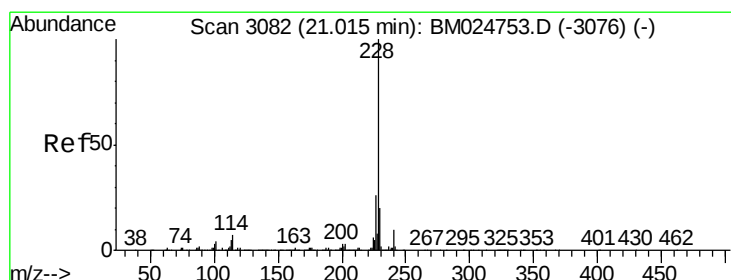
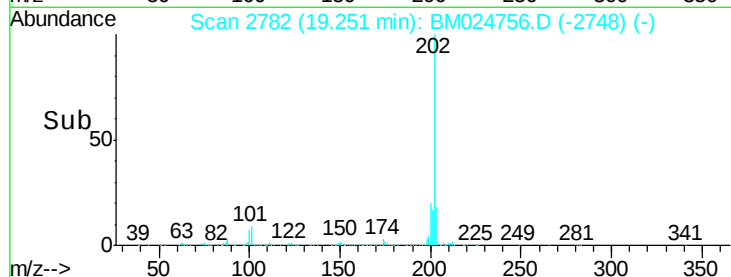
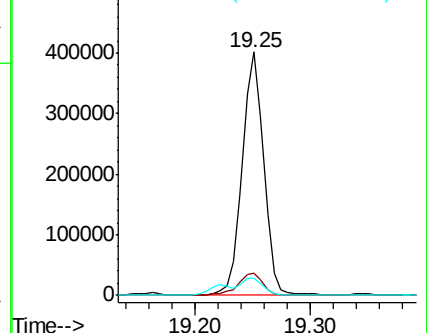
100 7.2 5.8 8.8



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



#83

Benzo(a)anthracene

Concen: 2.635 ng/ul

RT: 21.02 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BM024756.D

Acq: 07 Feb 2020 11:18

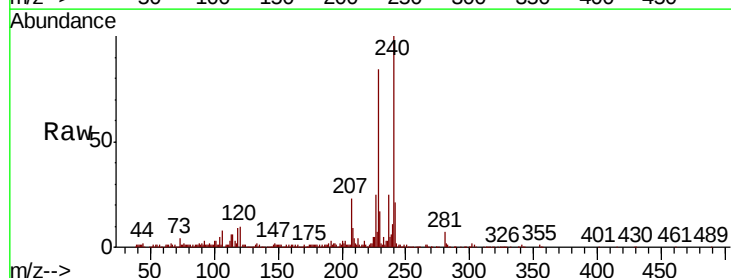
Tgt Ion:228 Resp: 301868

Ion Ratio Lower Upper

228 100

229 19.9 15.9 23.9

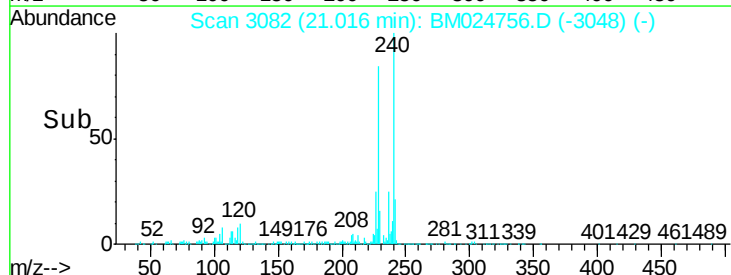
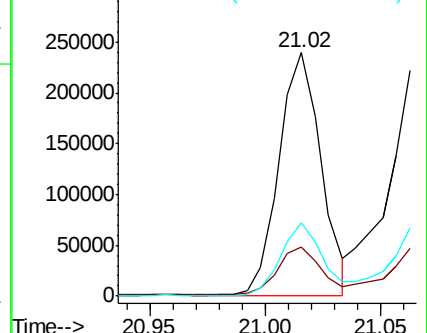
226 30.2 20.8 31.2

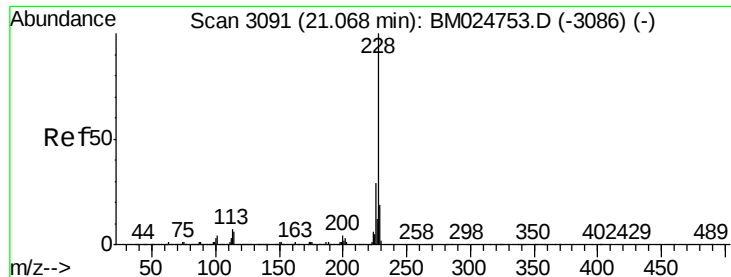


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 2.920 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM024756.D

Acq: 07 Feb 2020 11:18

Instrument :

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CB6F3

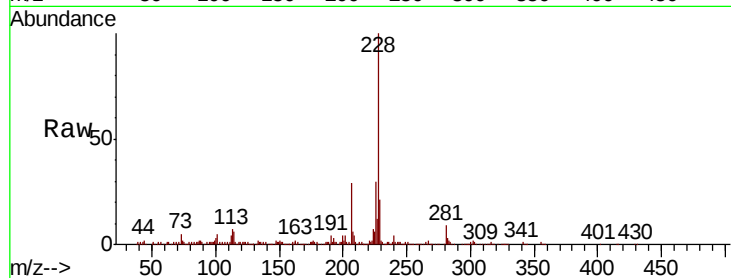
Tot Ion:228 Resp: 329431

Ion Ratio Lower Upper

228 100

226 30.2 23.0 34.4

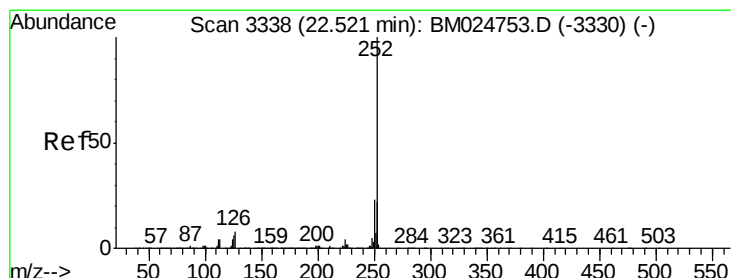
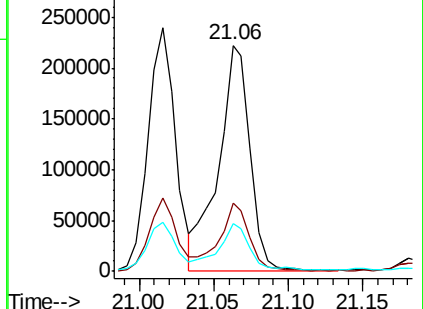
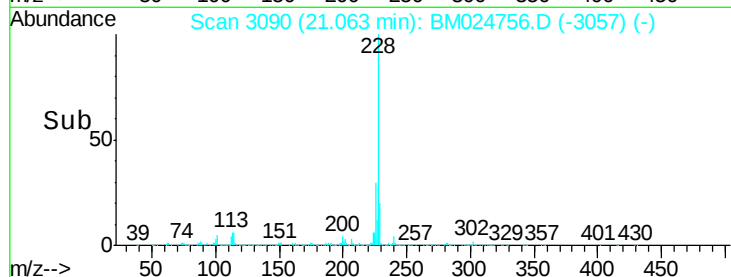
229 20.8 15.8 23.8



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: 3.560 ng/ul

RT: 22.52 min Scan# 3338

Delta R.T. 0.00 min

Lab File: BM024756.D

Acq: 07 Feb 2020 11:18

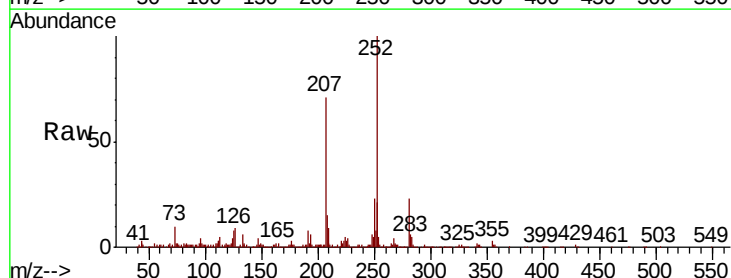
Tgt Ion:252 Resp: 423554

Ion Ratio Lower Upper

252 100

253 21.0 17.3 25.9

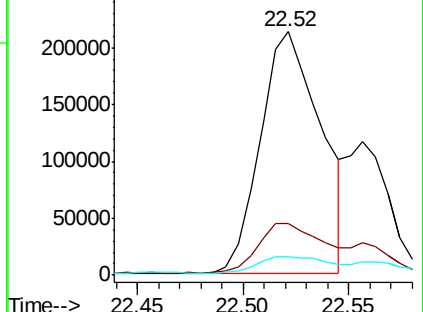
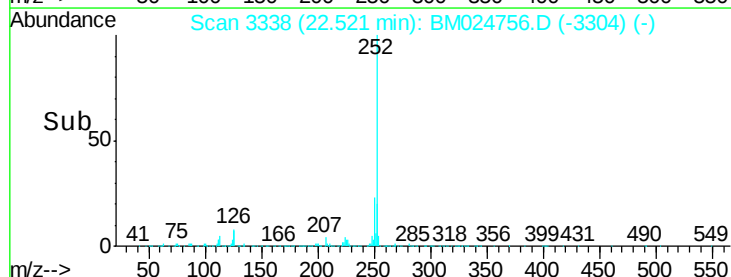
125 7.7 5.1 7.7#

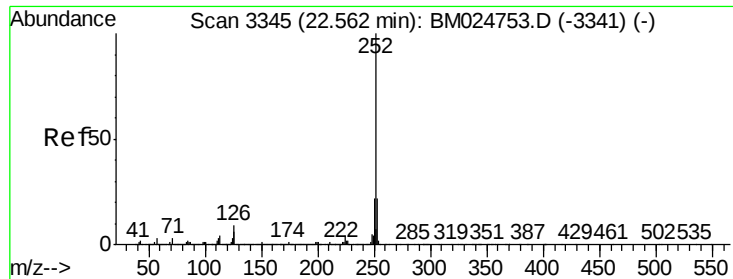


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1.371 ng/ul

RT: 22.56 min Scan# 3344

Delta R.T. -0.01 min

Lab File: BM024756.D

Acq: 07 Feb 2020 11:18

Instrument :

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ClientSampleId :

CB6F3

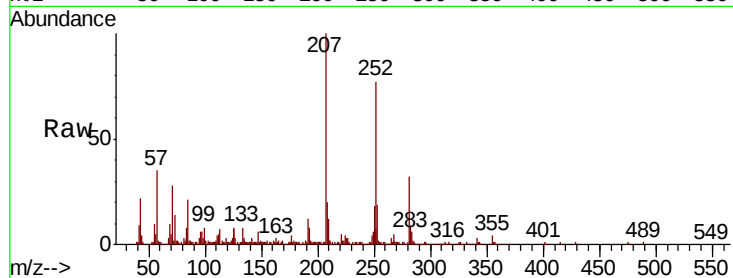
Tot Ion:252 Resp: 157068

Ion Ratio Lower Upper

252 100

253 24.0 17.4 26.0

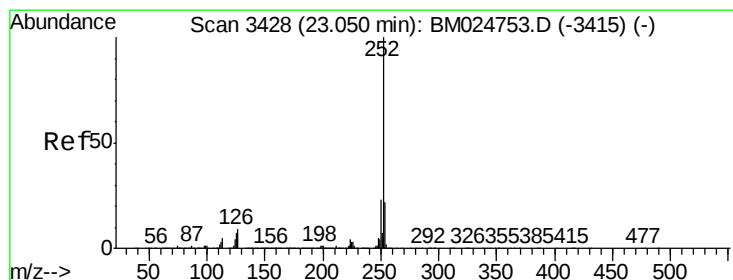
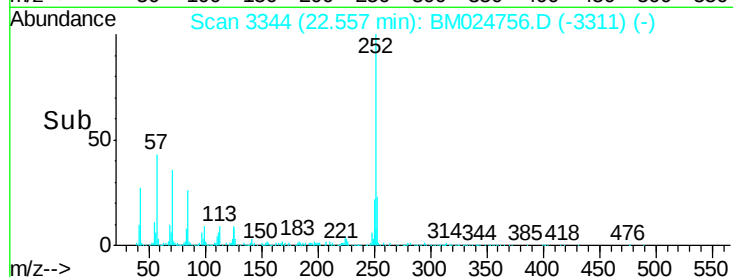
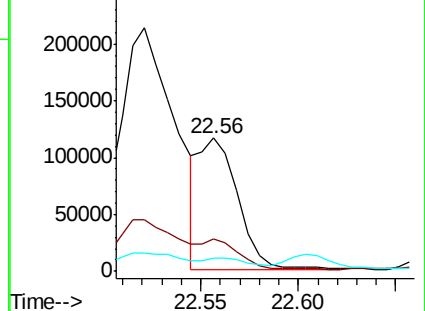
125 10.0 5.1 7.7#



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: 2.427 ng/ul

RT: 23.04 min Scan# 3427

Delta R.T. 0.00 min

Lab File: BM024756.D

Acq: 07 Feb 2020 11:18

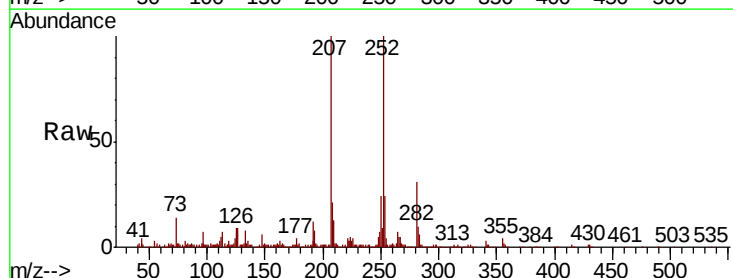
Tgt Ion:252 Resp: 258941

Ion Ratio Lower Upper

252 100

253 24.2 17.5 26.3

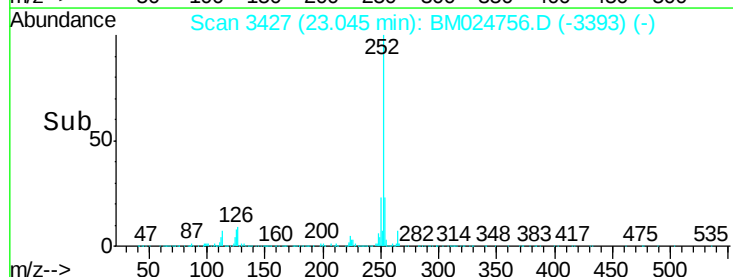
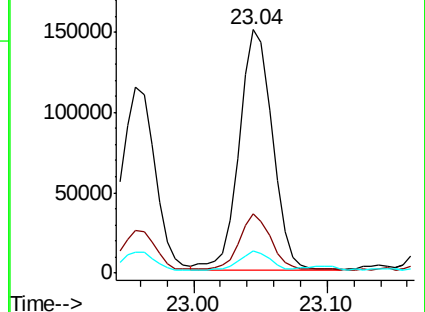
125 9.1 5.6 8.4#

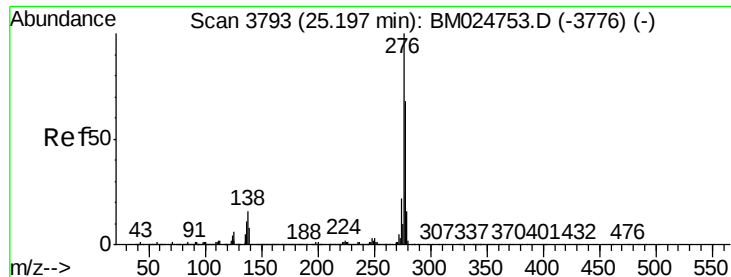


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



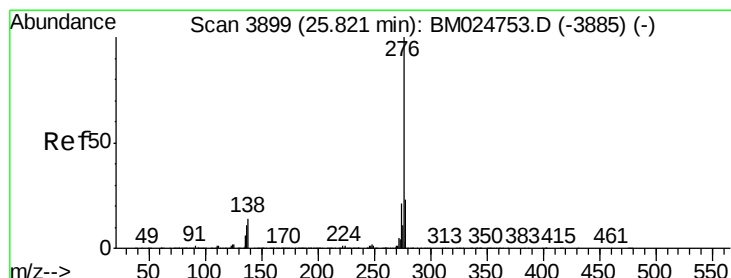
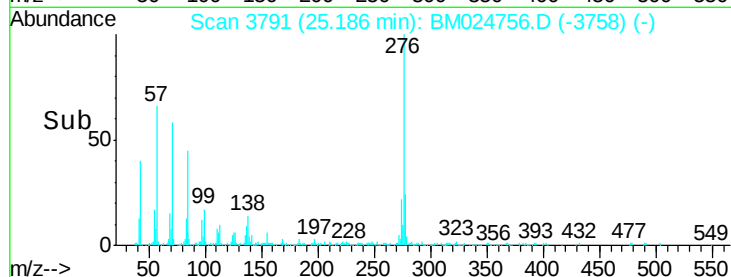
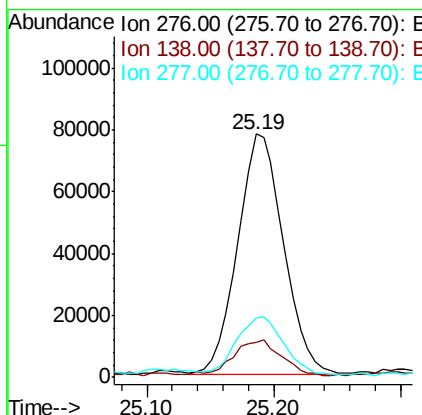
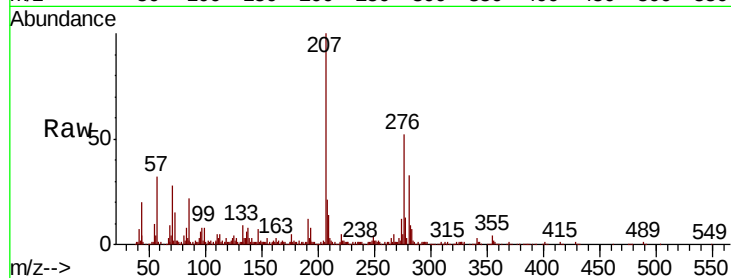


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.470 ng/ul
RT: 25.19 min Scan# 3791
Delta R.T. -0.01 min
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Tot Ion	Ratio	Lower	Upper
276	100		
138	14.5	12.8	19.2
277	24.3	19.3	28.9



#94

Benzo(g,h,i)perylene
Concen: 1.405 ng/ul
RT: 25.81 min Scan# 3897
Delta R.T. -0.01 min
Lab File: BM024756.D
Acq: 07 Feb 2020 11:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	11.8	17.6
277	22.5	19.0	28.6

