

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024791.D
 Acq On : 08 Feb 2020 09:40
 Operator : CG/JU
 Sample : L1400-11
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 00:11:40 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	317344	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1250963	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	824788	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1787706	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1743350	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1781428	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	18274	2.77	ng/uL	0.00
5) Phenol-d5	6.60	99	306106	14.52	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	213359	17.92	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	293539	15.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	245561	13.80	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	152289	16.83	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	181694	17.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	302410	14.03	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	412737	20.46	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1206709	19.38	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1148469	15.80	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	145328	14.37	ng/ul	0.00
58) Fluorene-d10	15.06	176	925653	16.79	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	169469	14.54	ng/ul	0.00
71) Anthracene-d10	16.91	188	1348574	16.52	ng/ul	0.00
79) Pyrene-d10	19.22	212	1437530	16.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1407656	15.73	ng/ul	-0.01

Target Compounds

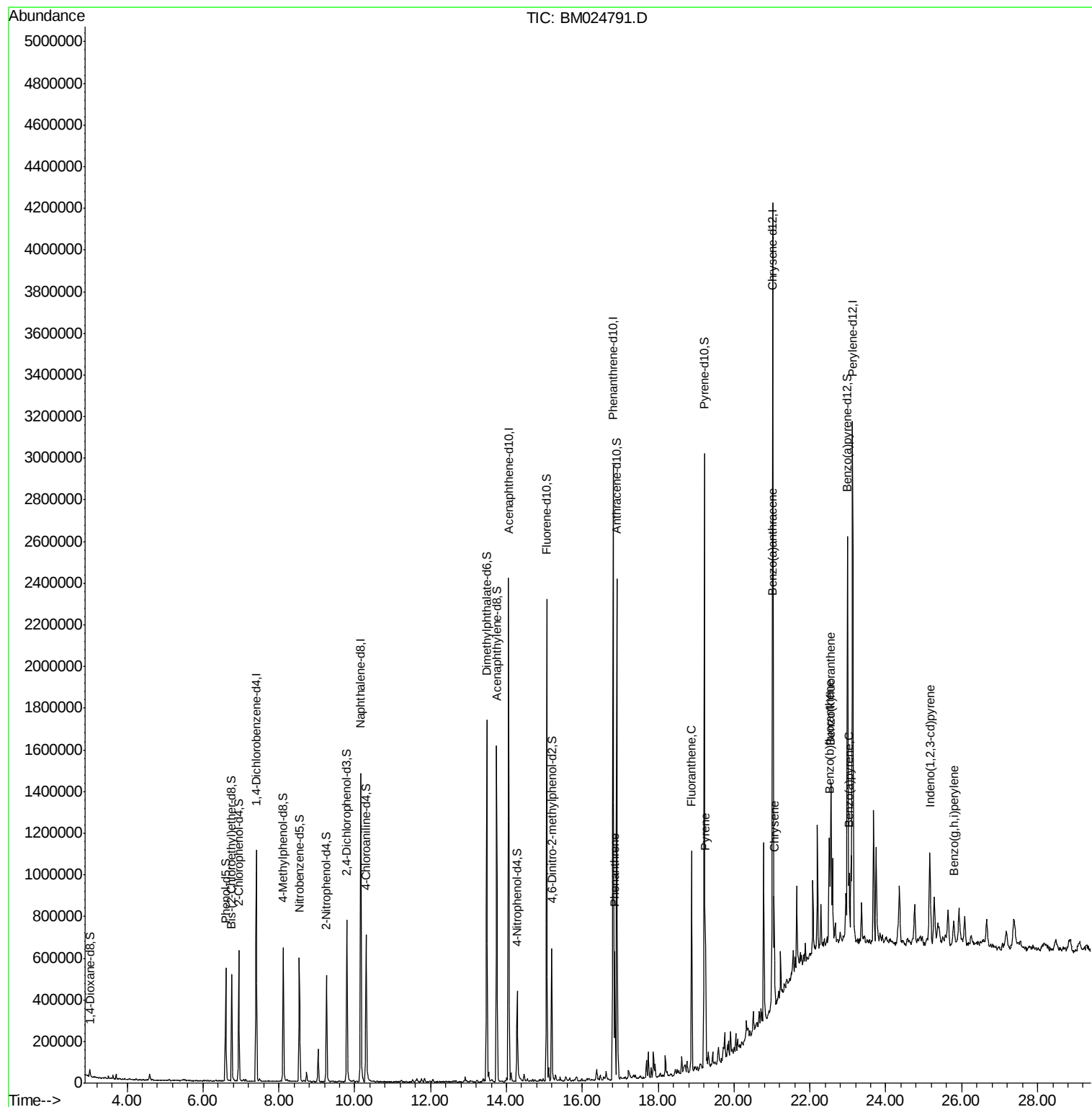
					Ovalue
70) Phenanthrene	16.85	178	357363	3.666 ng/ul	98
77) Fluoranthene	18.88	202	633545	5.295 ng/ul	100
80) Pyrene	19.25	202	499267	4.327 ng/ul	99
83) Benzo(a)anthracene	21.00	228	308320	2.626 ng/ul	99
85) Chrysene	21.06	228	307311	2.658 ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	438468	3.871 ng/ul#	98
89) Benzo(k)fluoranthene	22.54	252	114301	1.048 ng/ul#	95
91) Benzo(a)pyrene	23.03	252	224596	2.212 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	25.17	276	181049	1.432 ng/ul	97
94) Benzo(g,h,i)perylene	25.79	276	124221	1.181 ng/ul	97

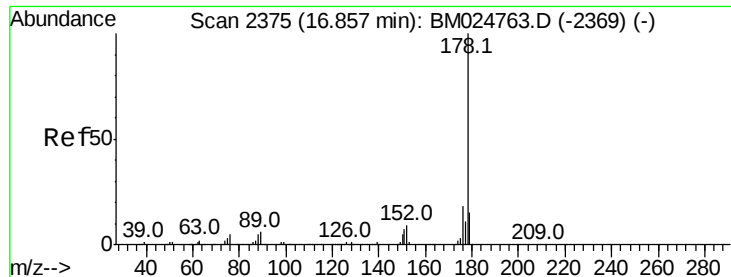
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 07:38:13 2020
Response via : Initial Calibration





#70

Phenanthrene

Concen: 3.666 ng/ul

RT: 16.85 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM024791.D

Acq: 08 Feb 2020 09:40

Instrument :

BNA_M

ClientSampleId :

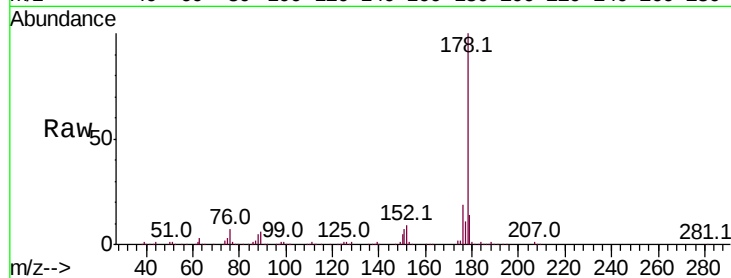
Tot Ion:178 Resp: 357363

Ion Ratio Lower Upper

178 100

179 14.4 12.2 18.2

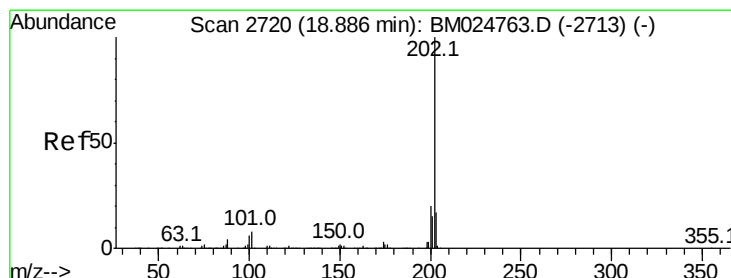
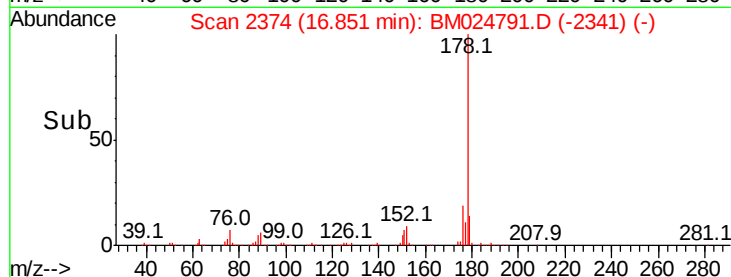
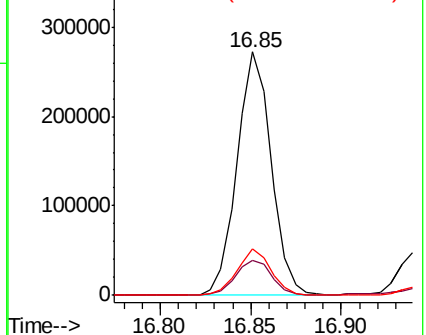
176 19.0 14.5 21.7



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: 5.295 ng/ul

RT: 18.88 min Scan# 2719

Delta R.T. -0.01 min

Lab File: BM024791.D

Acq: 08 Feb 2020 09:40

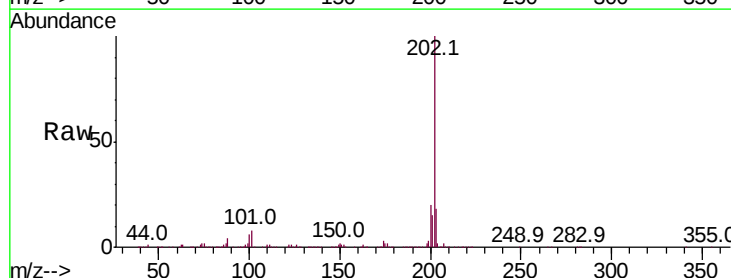
Tgt Ion:202 Resp: 633545

Ion Ratio Lower Upper

202 100

101 7.7 6.1 9.1

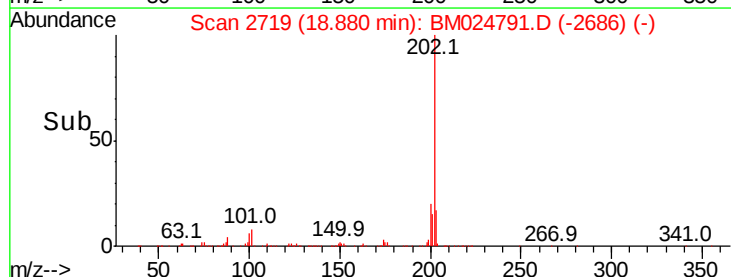
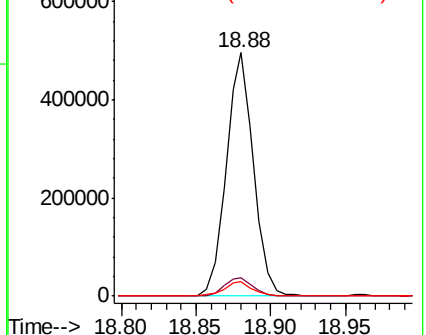
100 6.2 4.8 7.2

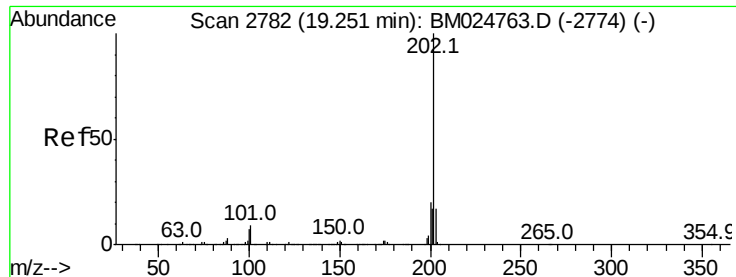


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

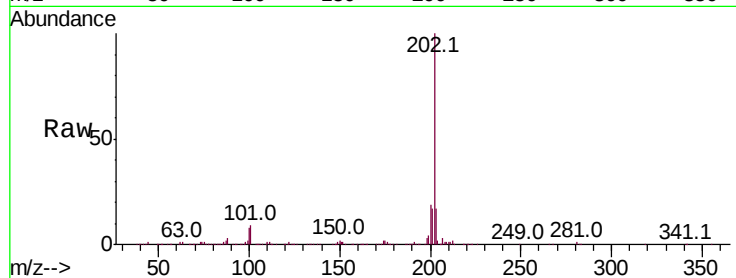




#80
Pvrene
Concen: 4.327 ng/ul
RT: 19.25 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024791.D
Acq: 08 Feb 2020 09:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.4
100	7.6	5.8	8.8

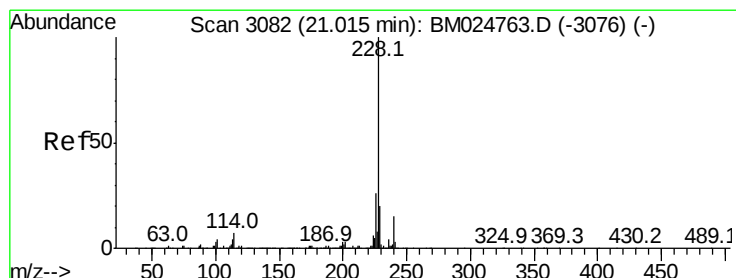
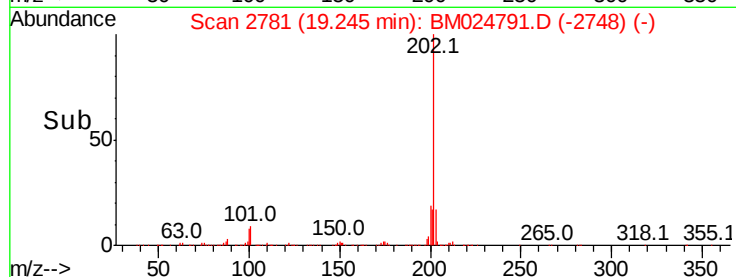
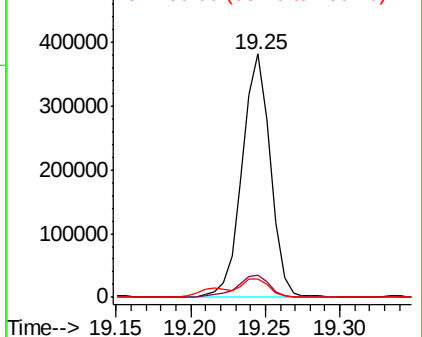


Abundance

Ion 202.00 (201.70 to 202.70): E

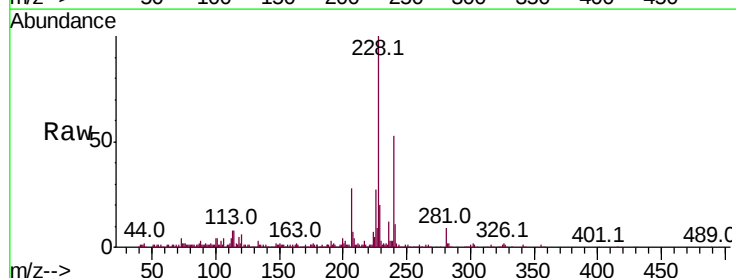
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#83
Benzo(a)anthracene
Concen: 2.626 ng/ul
RT: 21.00 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM024791.D
Acq: 08 Feb 2020 09:40

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	26.9	20.8	31.2

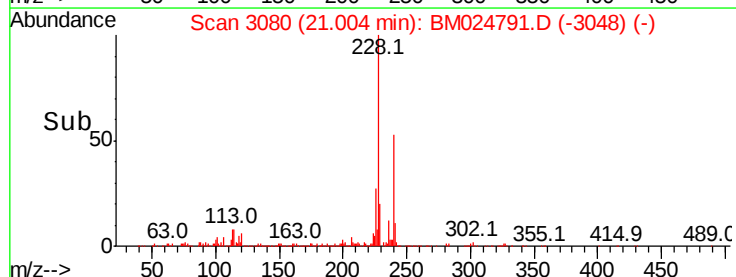
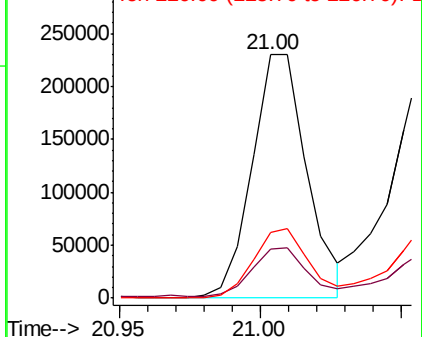


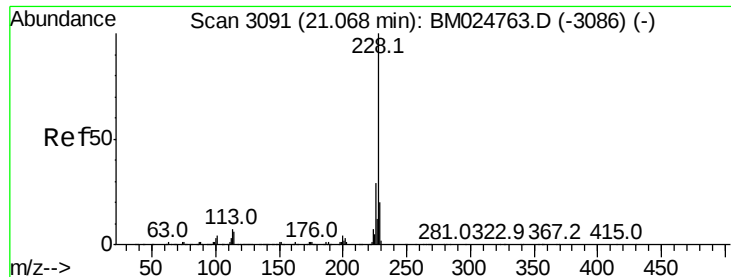
Abundance

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: 2.658 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM024791.D

Acq: 08 Feb 2020 09:40

Instrument :

BNA_M

ClientSampleId :

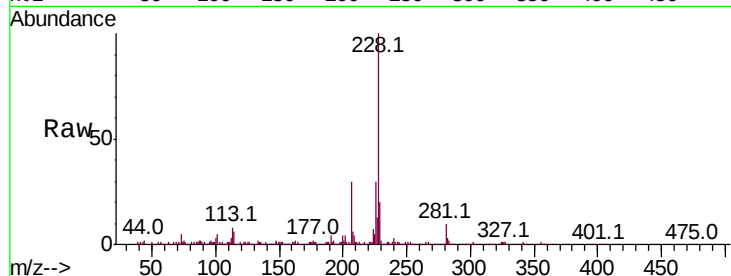
Tot Ion:228 Resp: 307311

Ion Ratio Lower Upper

228 100

226 29.8 23.0 34.4

229 19.7 15.8 23.8

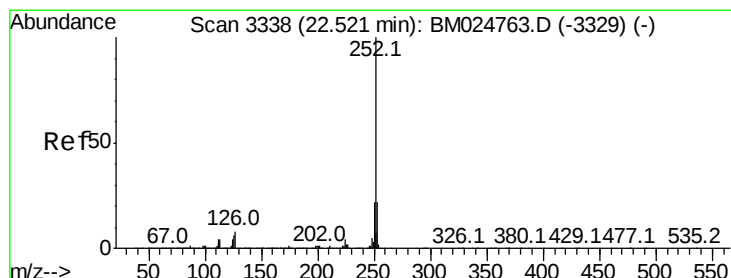
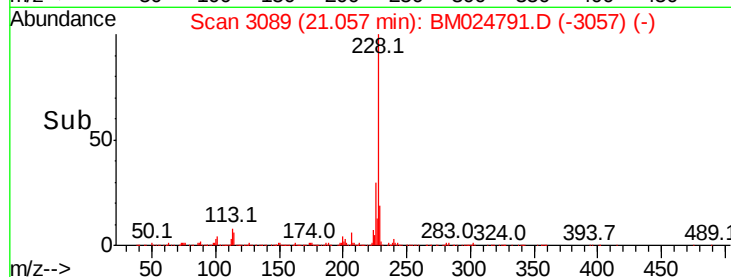
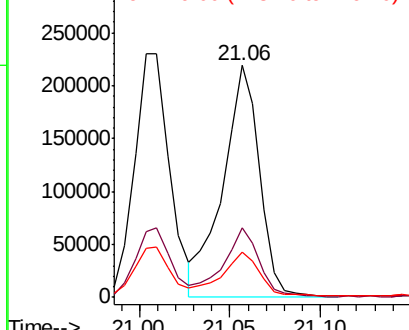


Abundance

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: 3.871 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BM024791.D

Acq: 08 Feb 2020 09:40

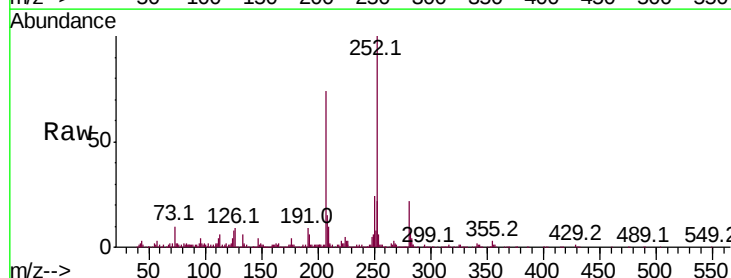
Tgt Ion:252 Resp: 438468

Ion Ratio Lower Upper

252 100

253 22.4 17.3 25.9

125 7.7 5.1 7.7#

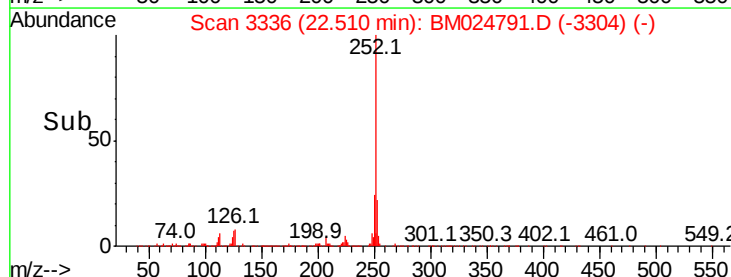
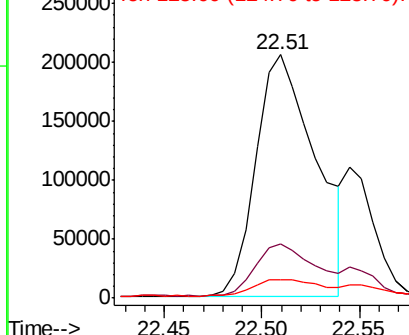


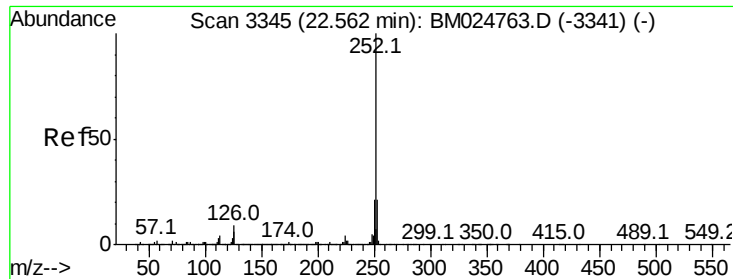
Abundance

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: 1.048 ng/ul

RT: 22.54 min Scan# 3342

Delta R.T. -0.02 min

Lab File: BM024791.D

Acq: 08 Feb 2020 09:40

Instrument :

BNA_M

ClientSampleId :

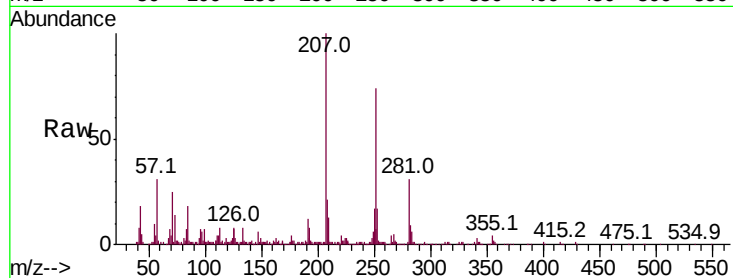
Tot Ion:252 Resp: 114301

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

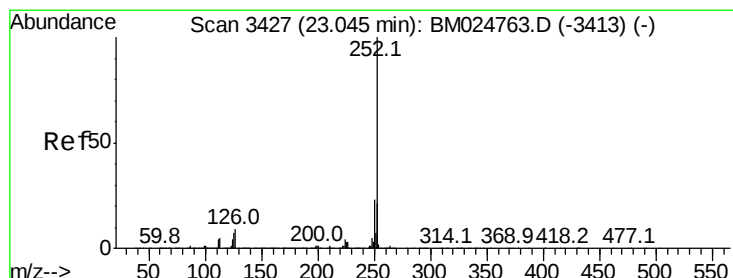
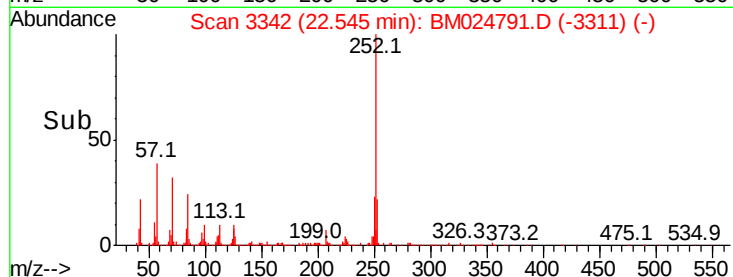
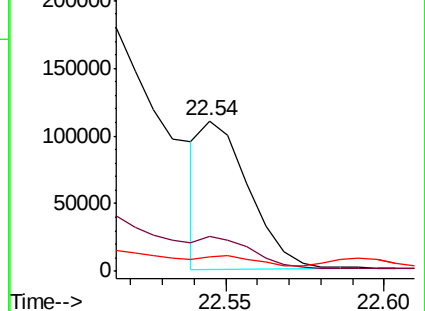
125 10.0 5.1 7.7#



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: 2.212 ng/ul

RT: 23.03 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM024791.D

Acq: 08 Feb 2020 09:40

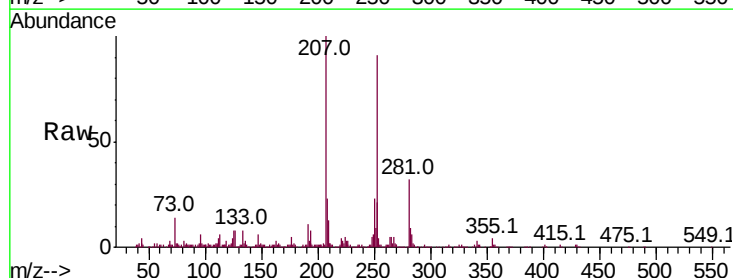
Tgt Ion:252 Resp: 224596

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

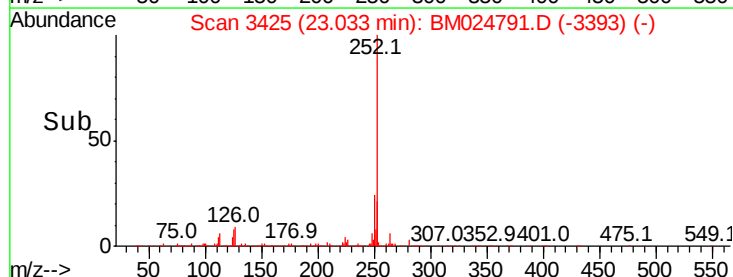
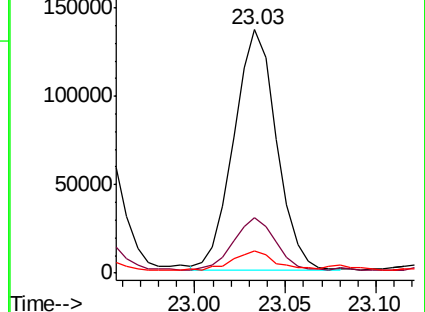
125 9.2 5.6 8.4#

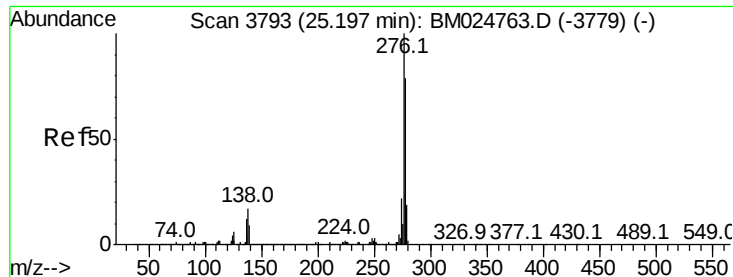


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



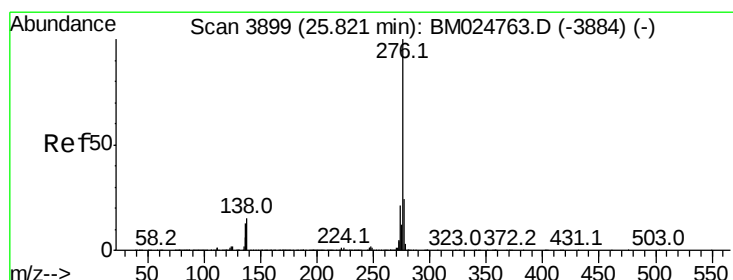
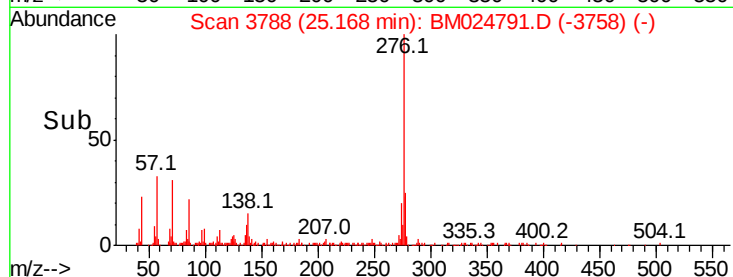
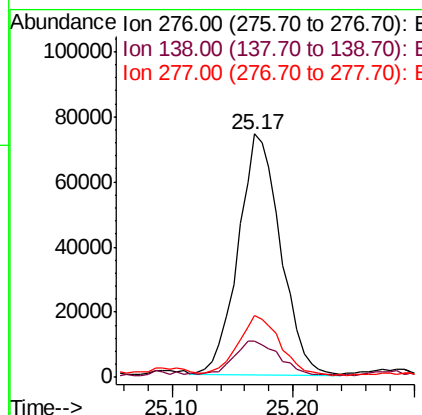
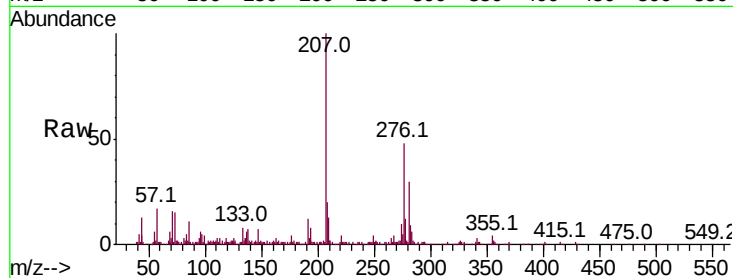


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.432 ng/ul
RT: 25.17 min Scan# 3788
Delta R.T. -0.02 min
Lab File: BM024791.D
Acq: 08 Feb 2020 09:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.8	19.2
277	25.5	19.3	28.9



#94

Benzo(g,h,i)perylene
Concen: 1.181 ng/ul
RT: 25.79 min Scan# 3894
Delta R.T. -0.02 min
Lab File: BM024791.D
Acq: 08 Feb 2020 09:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.1	11.8	17.6
277	25.6	19.0	28.6

