

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 :
 CB6H7

Quant Time: Feb 15 06:15:59 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

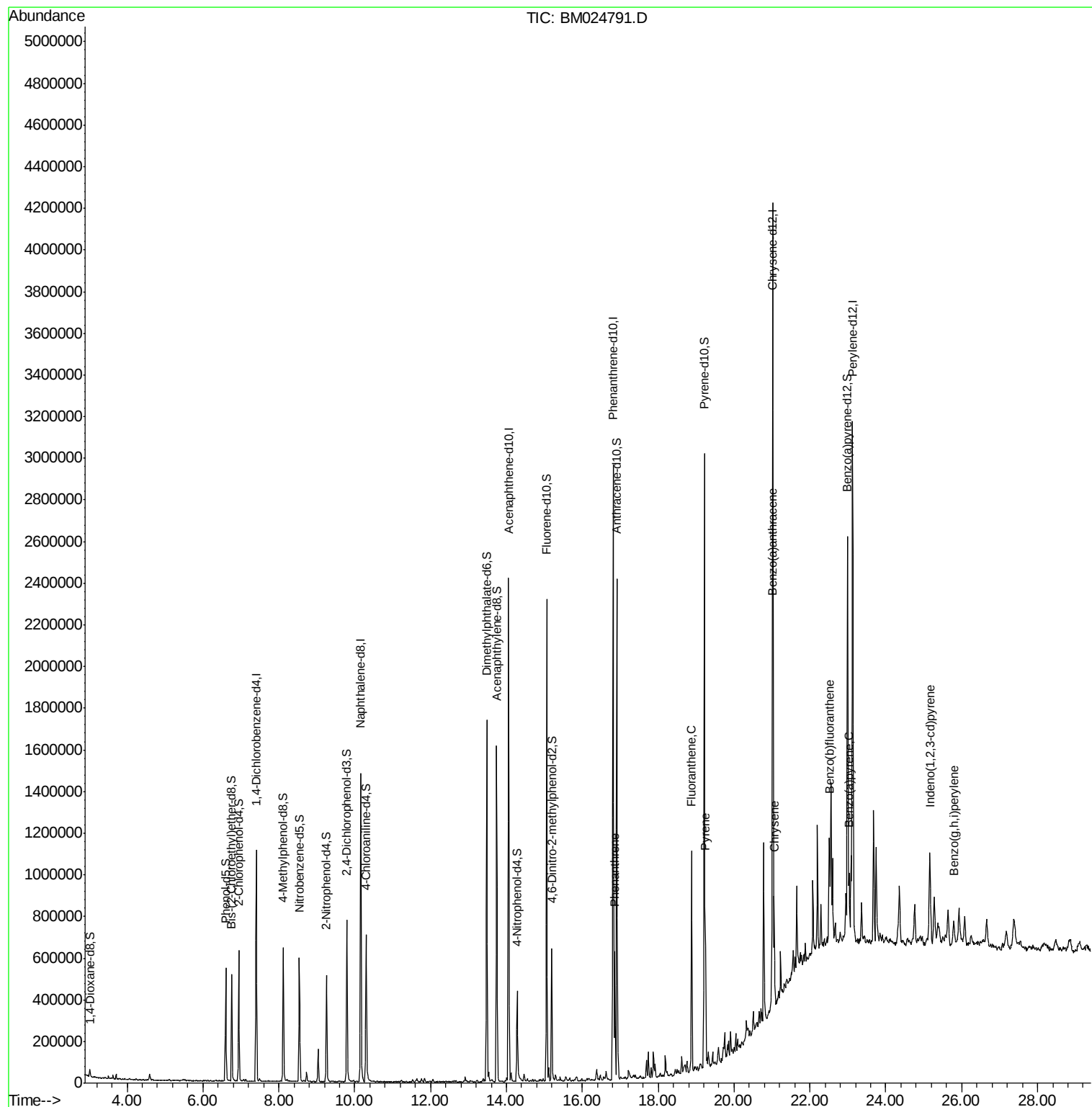
					Ovalue
70) Phenanthrene	16.85	178	357363	3.666 ng/ul	98
77) Fluoranthene	18.88	202	633545	5.295 ng/ul	100
80) Pyrene	19.25	202	499267	4.327 ng/ul	99
83) Benzo(a)anthracene	21.00	228	308320	2.626 ng/ul	99
85) Chrysene	21.06	228	307311	2.658 ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	438468	3.871 ng/ul#	98
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(a,h,i)perylene	25.79	276	124221	1.181 ng/ul	97

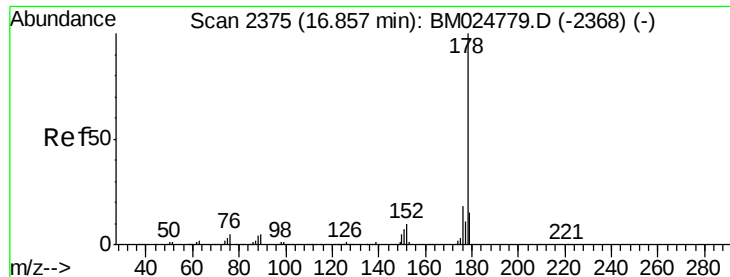
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

CB6H7

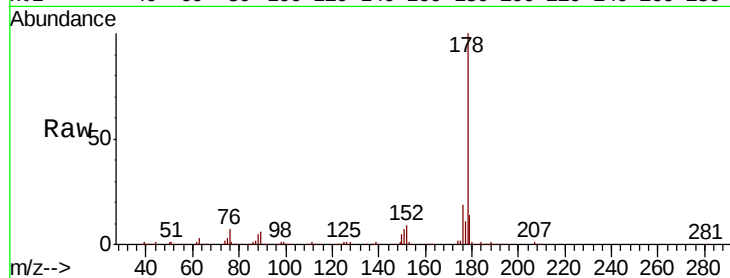
Tot Ion:178 Resp: 357363

Ion Ratio Lower Upper

178 100

179 14.4 12.2 18.2

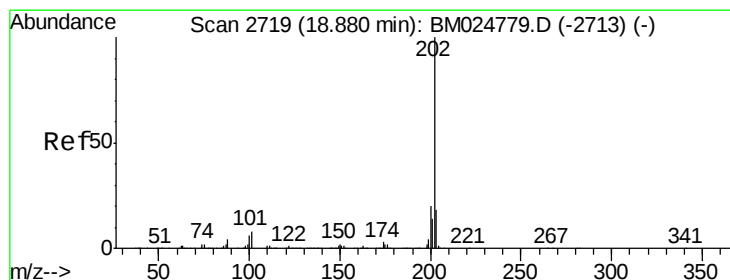
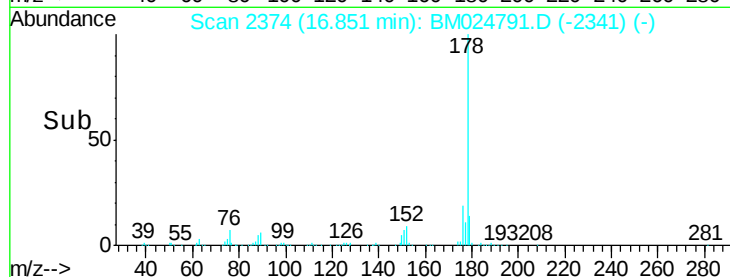
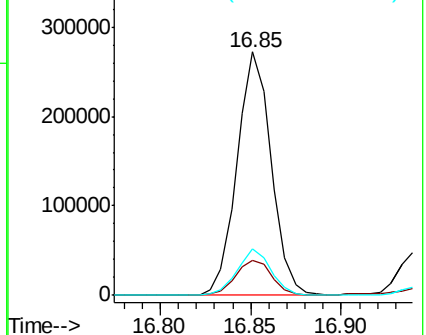
176 19.0 14.5 21.7



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

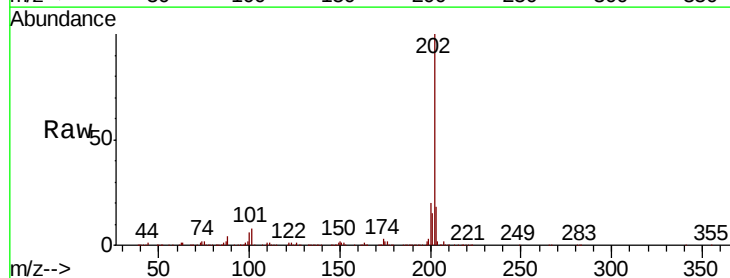
Tgt Ion:202 Resp: 633545

Ion Ratio Lower Upper

202 100

101 7.7 6.1 9.1

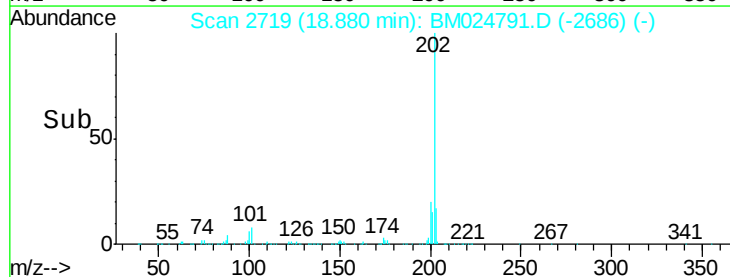
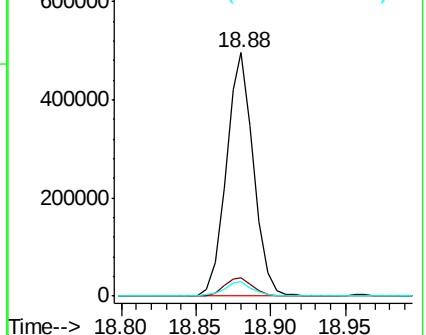
100 6.2 4.8 7.2

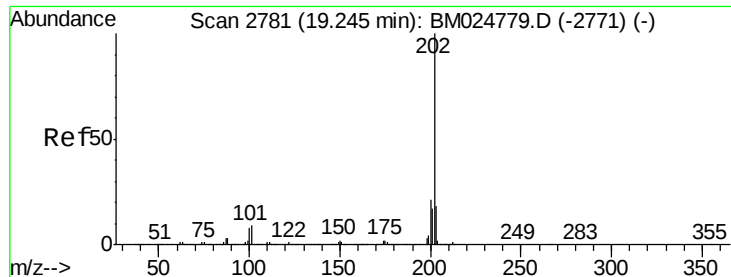


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

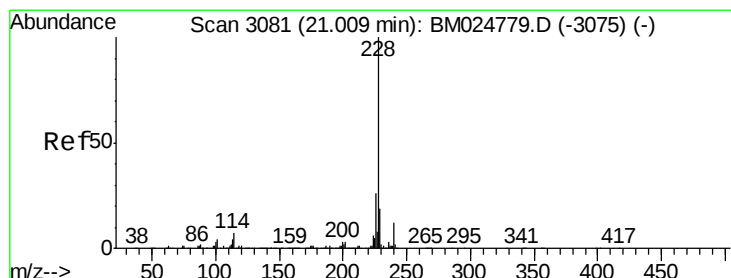
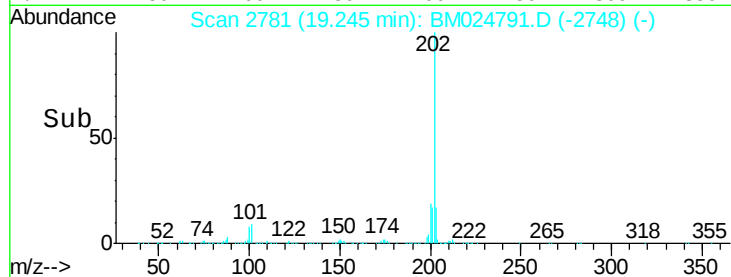
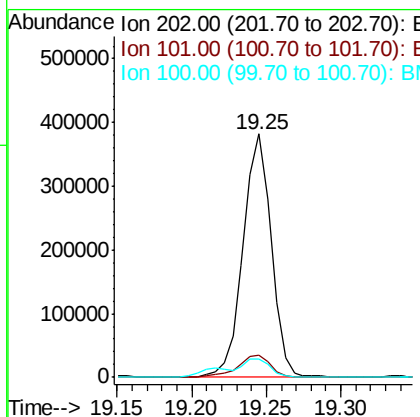
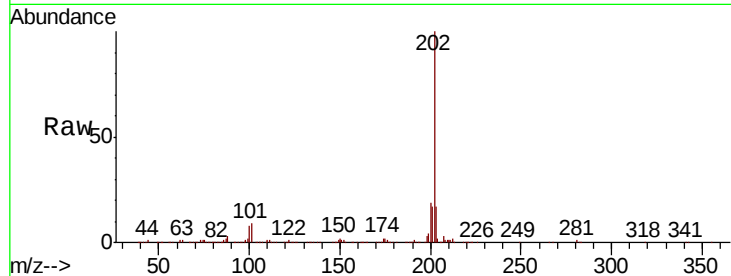




#80
 Pvrene
 Concen: 4.327 ng/ul
 RT: 19.25 min Scan# 2781
 Delta R.T. -0.01 min
 Lab File: BM024791.D
 Acq: 08 Feb 2020 09:40

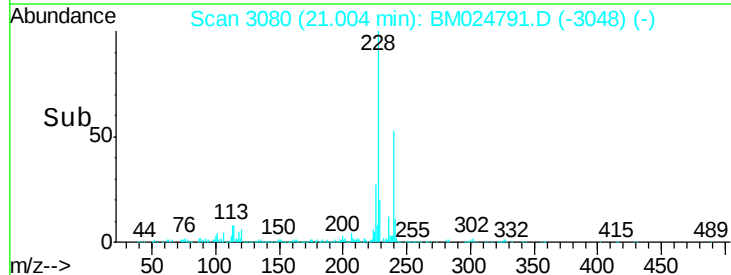
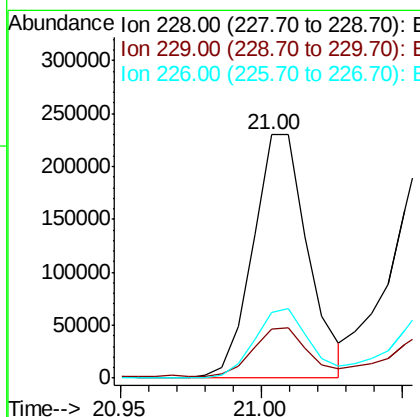
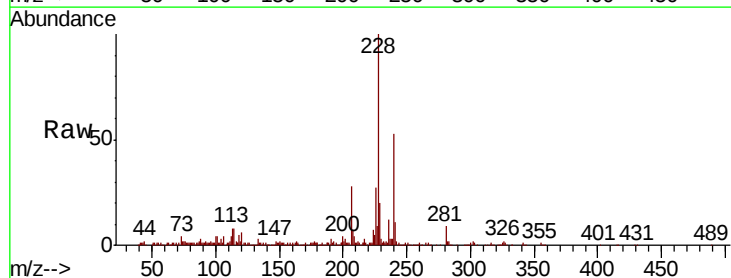
Instrument :
 BNA_M
 ClientSampleId :
 CB6H7

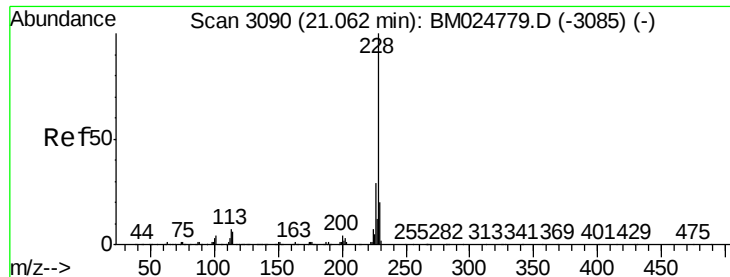
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.0	10.4
100	7.6	5.8	8.8



#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





#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 :

CB6H7

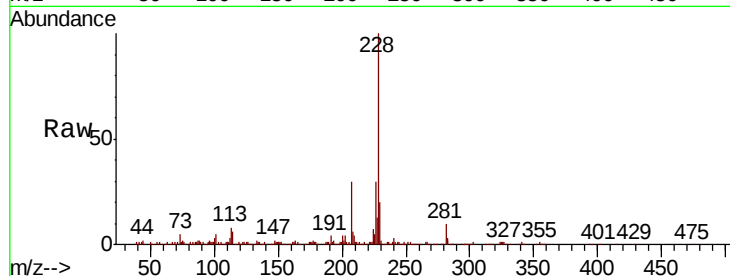
Tot Ion:228 Resp: 307311

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.0	34.4
229	19.7	15.8	23.8

228 100

226 29.8 23.0 34.4

229 19.7 15.8 23.8

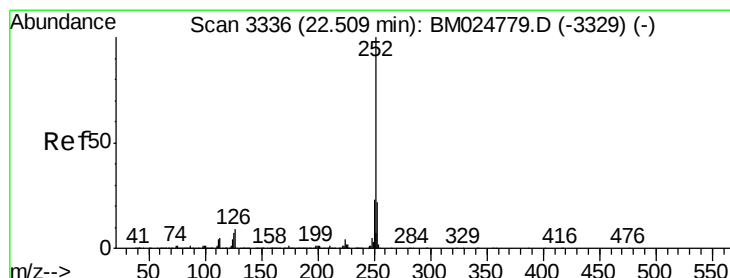
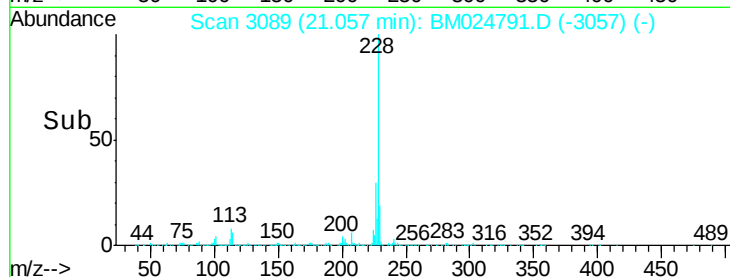
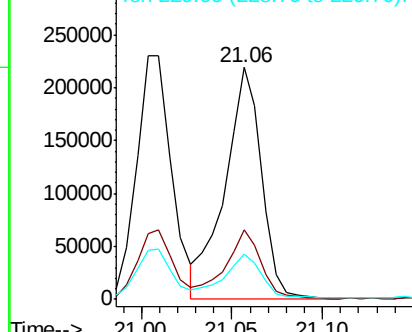


Abundance

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

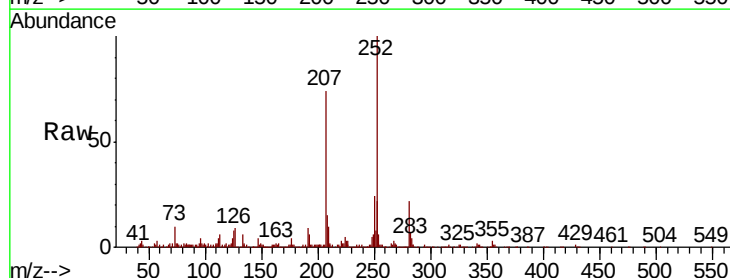
Tgt Ion:252 Resp: 438468

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.3	25.9
125	7.7	5.1	7.7#

252 100

253 22.4 17.3 25.9

125 7.7 5.1 7.7#

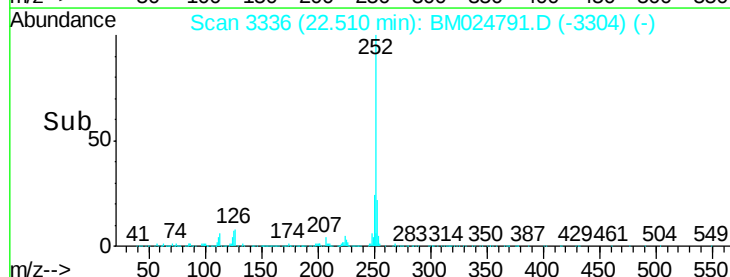
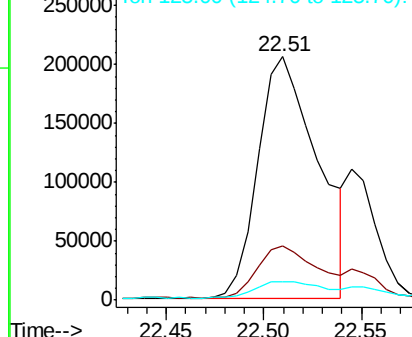


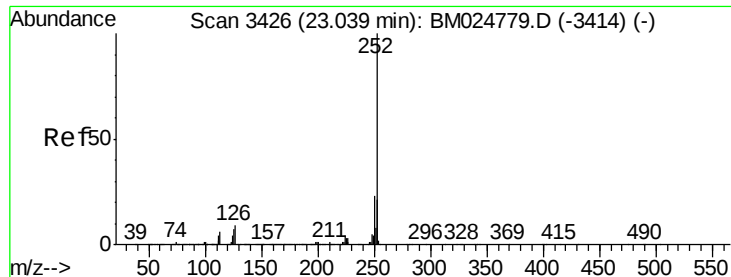
Abundance

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





#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

Instrument :

BNA_M

ClientSampleId :

CB6H7

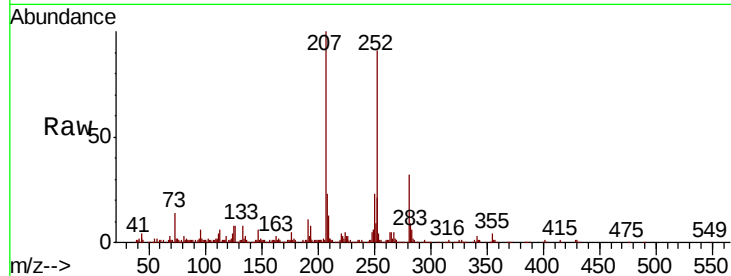
Tot Ion:252 Resp: 224596

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

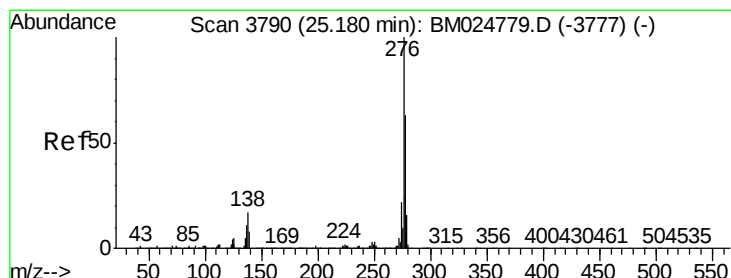
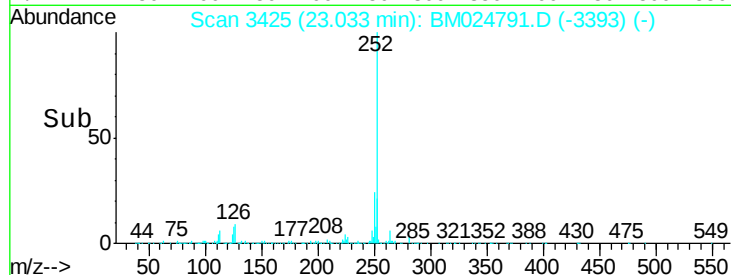
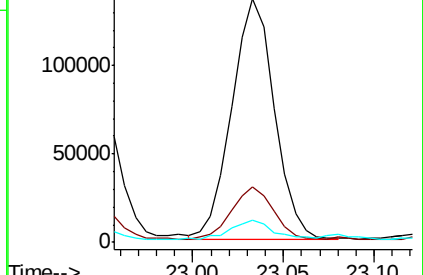
125 9.2 5.6 8.4#



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

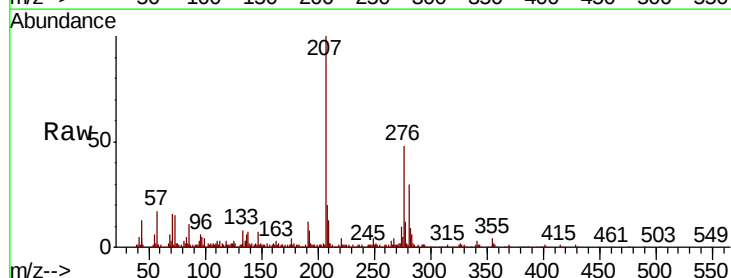
Tgt Ion:276 Resp: 181049

Ion Ratio Lower Upper

276 100

138 15.0 12.8 19.2

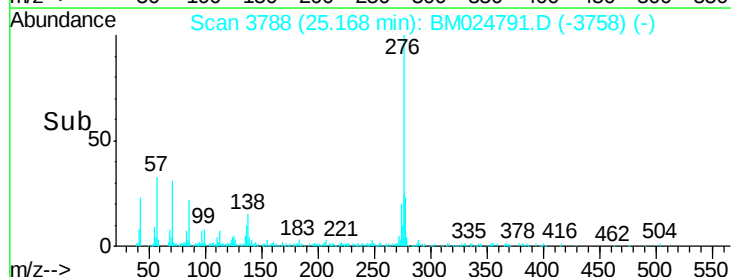
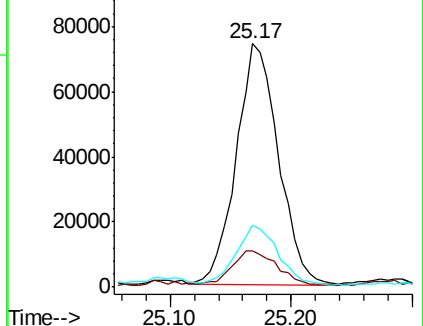
277 25.5 19.3 28.9

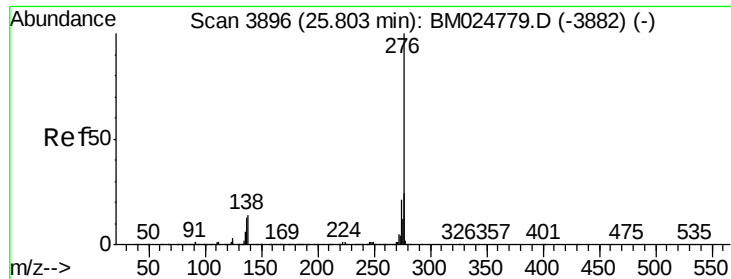


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,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

Instrument :

BNA_M

ClientSampleId :

CB6H7

Tot Ion: 276 Resp: 124221

Ion Ratio Lower Upper

276 100

138 15.1 11.8 17.6

277 25.6 19.0 28.6

