

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024793.D
 Acq On : 08 Feb 2020 11:27
 Operator : CG/JU
 Sample : L1400-12
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 00:12:13 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	321016	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1259951	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	829978	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1772044	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1773313	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1829506	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	26627	3.99	ng/uL	0.00
5) Phenol-d5	6.60	99	437124	20.50	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	282542	23.46	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	406743	21.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	379462	21.09	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	213388	23.42	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	251510	23.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	444148	20.45	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	546283	26.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1518996	24.25	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1604932	21.94	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	195151	19.17	ng/ul	0.00
58) Fluorene-d10	15.06	176	1256090	22.64	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	221578	19.18	ng/ul	0.00
71) Anthracene-d10	16.91	188	1788486	22.11	ng/ul	0.00
79) Pyrene-d10	19.22	212	1918064	21.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1922983	20.93	ng/ul	0.00

Target Compounds

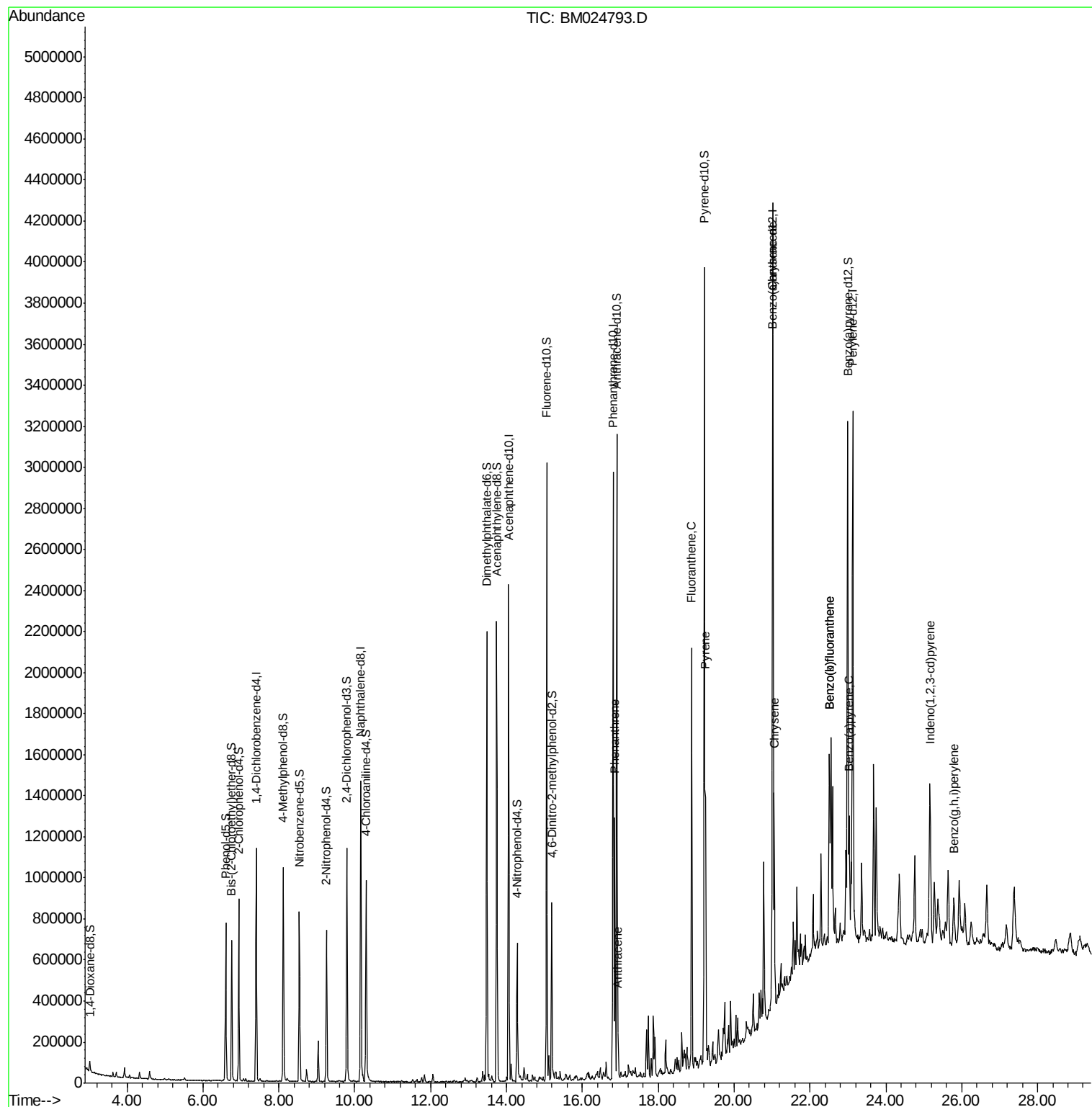
					Ovalue
70) Phenanthrene	16.85	178	752218	7.785	ng/ul 99
72) Anthracene	16.94	178	116858	1.193	ng/ul 99
77) Fluoranthene	18.88	202	1195721	10.081	ng/ul 100
80) Pyrene	19.24	202	1023553	8.720	ng/ul 99
83) Benzo(a)anthracene	21.01	228	563393	4.717	ng/ul 96
85) Chrysene	21.06	228	607073	5.162	ng/ul 99
88) Benzo(b)fluoranthene	22.51	252	803996	6.911	ng/ul 97
89) Benzo(k)fluoranthene	22.51	252	803996	7.180	ng/ul 98
91) Benzo(a)pyrene	23.03	252	430994	4.132	ng/ul 97
92) Indeno(1,2,3-cd)pyrene	25.17	276	348528	2.684	ng/ul 98
94) Benzo(g,h,i)perylene	25.80	276	256401	2.374	ng/ul 97

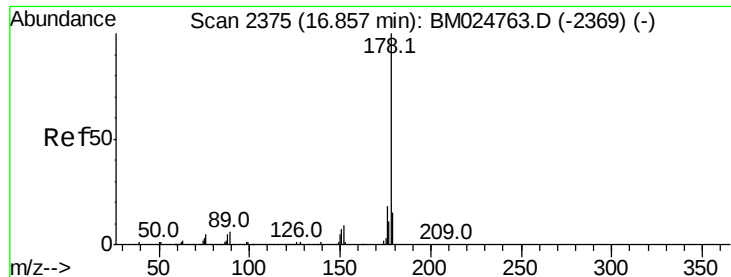
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#70

Phenanthrene

Concen: 7.785 ng/ul

RT: 16.85 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM024793.D

Acq: 08 Feb 2020 11:27

Instrument :

BNA_M

ClientSampleId :

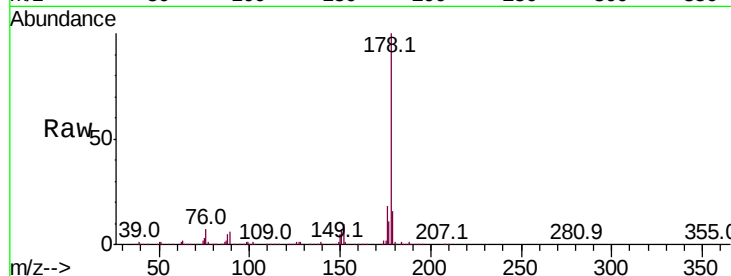
Tot Ion:178 Resp: 752218

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.2

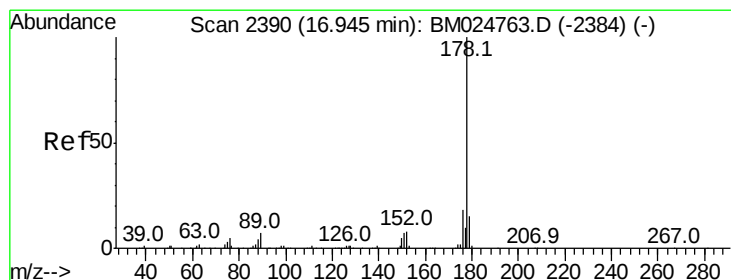
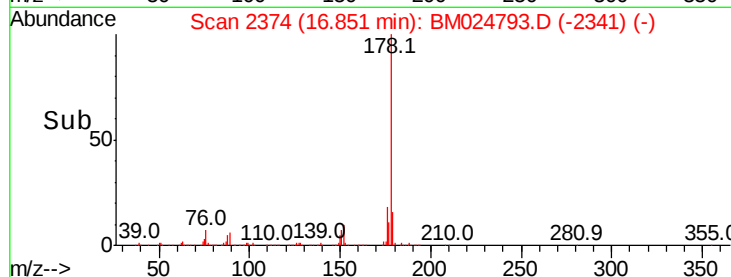
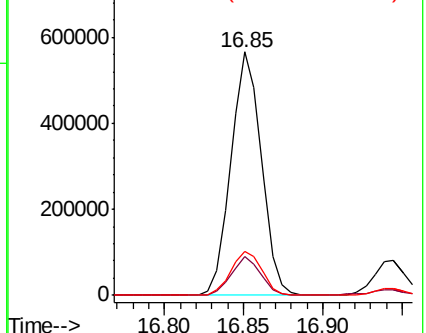
176 18.1 14.5 21.7



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



#72

Anthracene

Concen: 1.193 ng/ul

RT: 16.94 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM024793.D

Acq: 08 Feb 2020 11:27

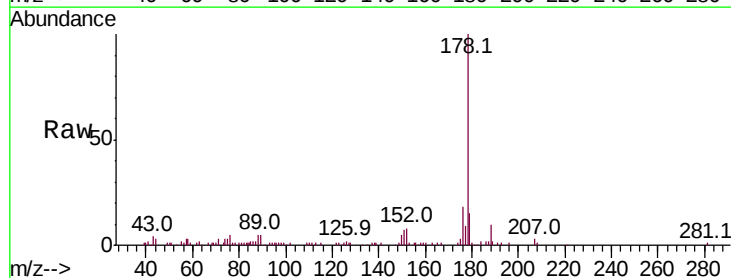
Tgt Ion:178 Resp: 116858

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

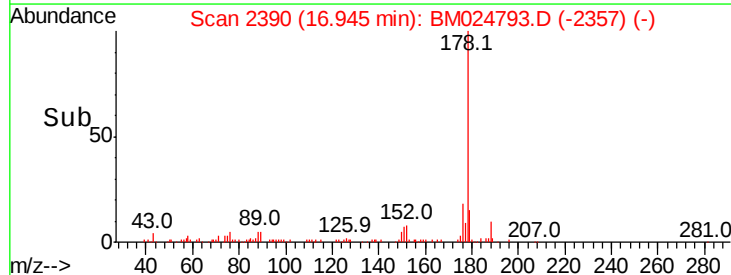
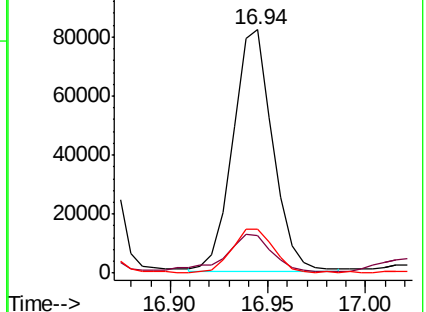
176 18.0 14.1 21.1

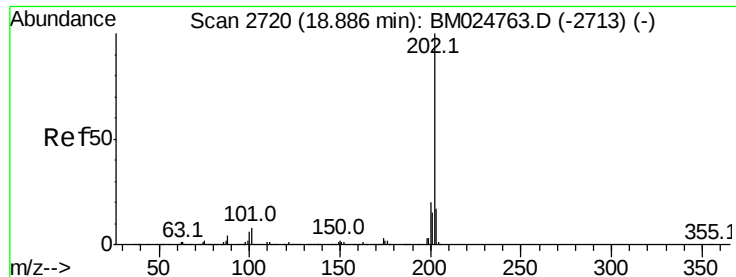


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

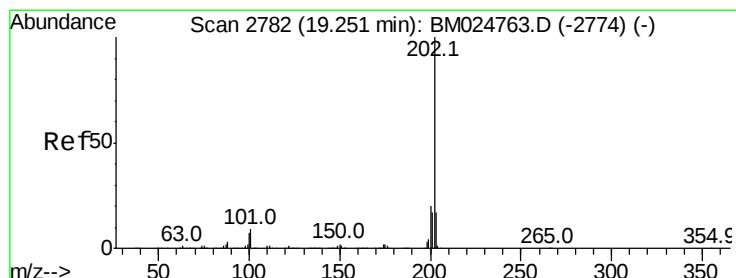
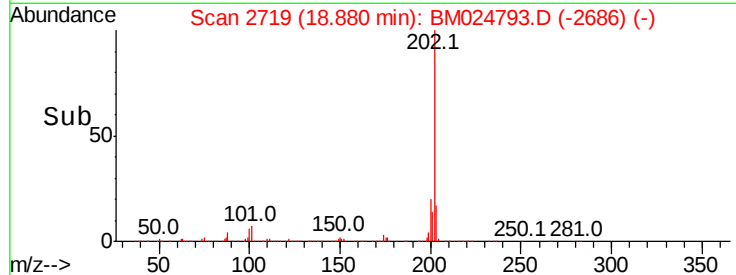
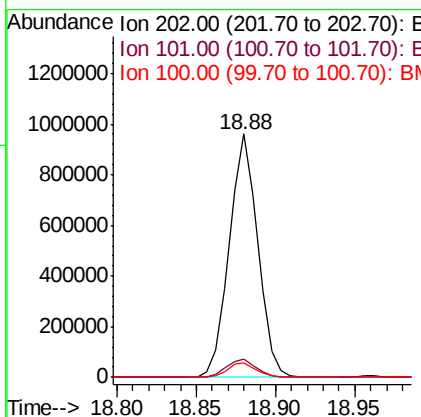
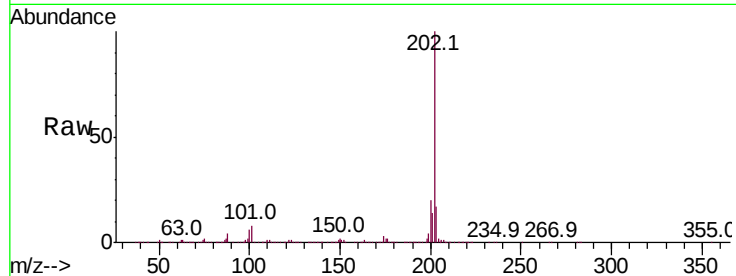




#77
 Fluoranthene
 Concen: 10.081 ng/ul
 RT: 18.88 min Scan# 2719
 Delta R.T. -0.01 min
 Lab File: BM024793.D
 Acq: 08 Feb 2020 11:27

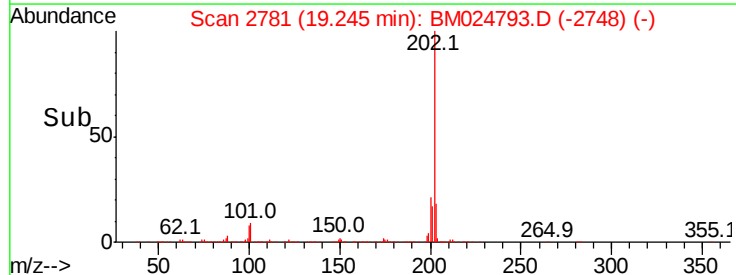
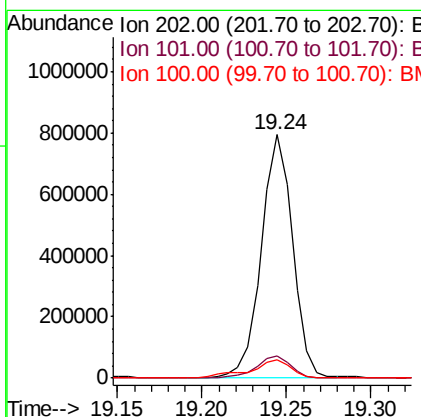
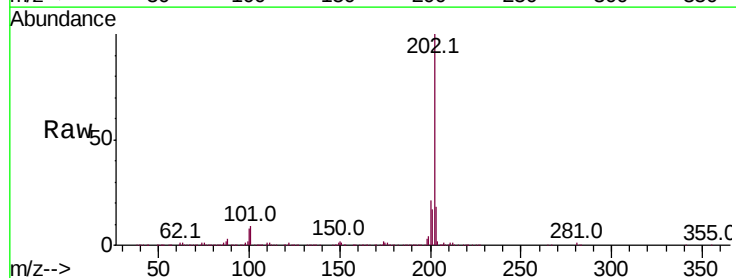
Instrument :
 BNA_M
 ClientSampleId :

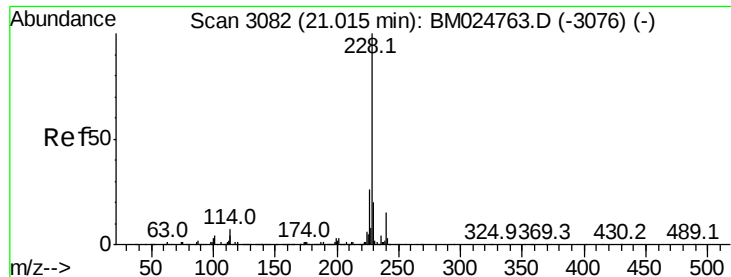
Tot Ion:202 Resp: 1195721
 Ion Ratio Lower Upper
 202 100
 101 7.5 6.1 9.1
 100 5.8 4.8 7.2



#80
 Pyrene
 Concen: 8.720 ng/ul
 RT: 19.24 min Scan# 2781
 Delta R.T. -0.01 min
 Lab File: BM024793.D
 Acq: 08 Feb 2020 11:27

Tgt Ion:202 Resp: 1023553
 Ion Ratio Lower Upper
 202 100
 101 9.0 7.0 10.4
 100 7.5 5.8 8.8





#83

Benzo(a)anthracene

Concen: 4.717 ng/ul

RT: 21.01 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM024793.D

Acq: 08 Feb 2020 11:27

Instrument :

BNA_M

ClientSampleId :

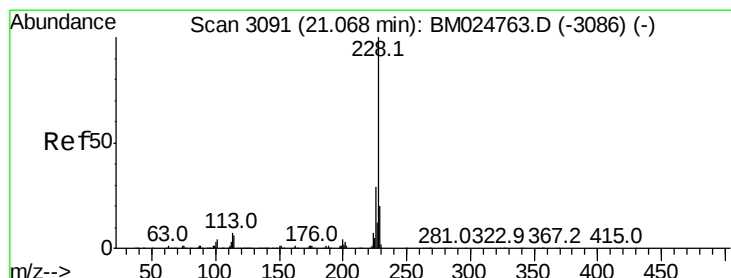
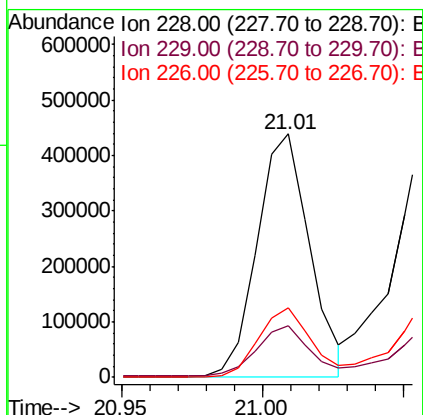
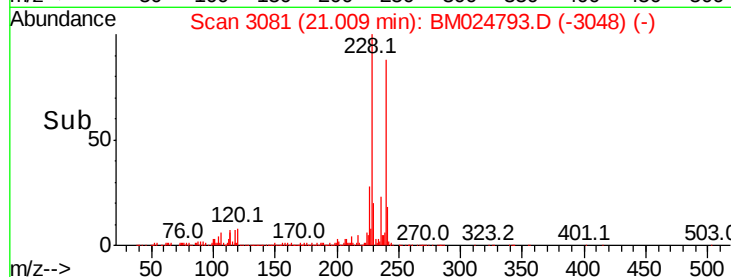
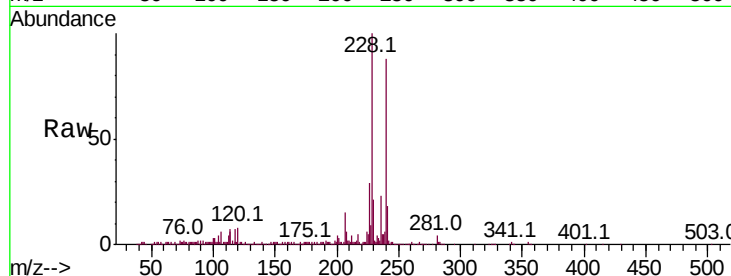
Tot Ion:228 Resp: 563393

Ion Ratio Lower Upper

228 100

229 21.1 15.9 23.9

226 28.6 20.8 31.2



#85

Chrysene

Concen: 5.162 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM024793.D

Acq: 08 Feb 2020 11:27

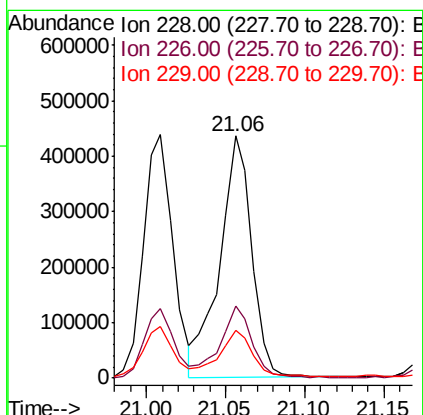
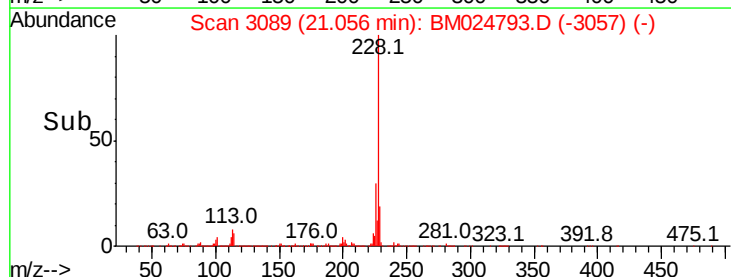
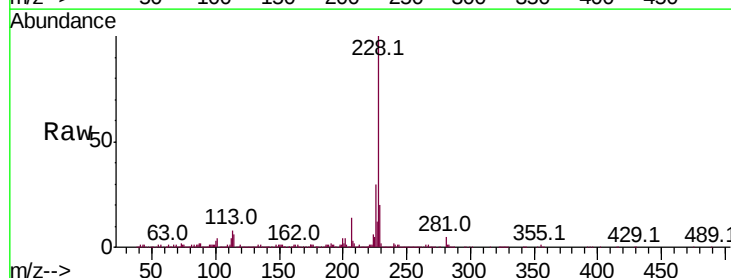
Tgt Ion:228 Resp: 607073

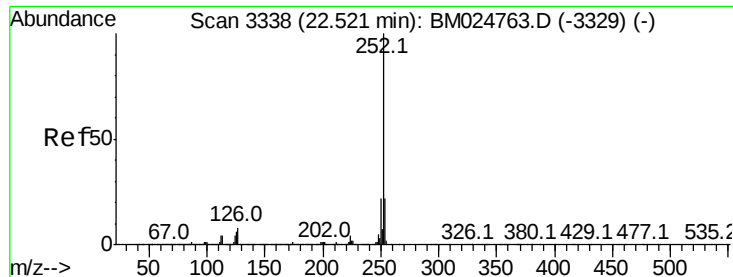
Ion Ratio Lower Upper

228 100

226 29.8 23.0 34.4

229 19.7 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 6.911 ng/u1

RT: 22.51 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BM024793.D

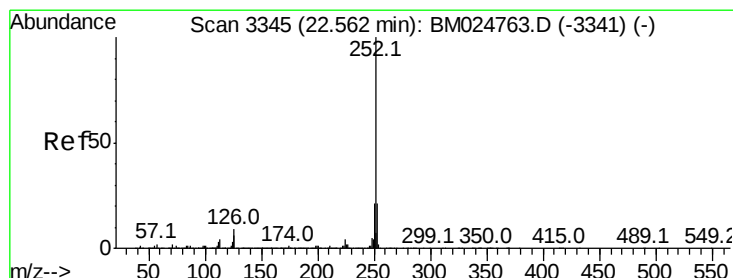
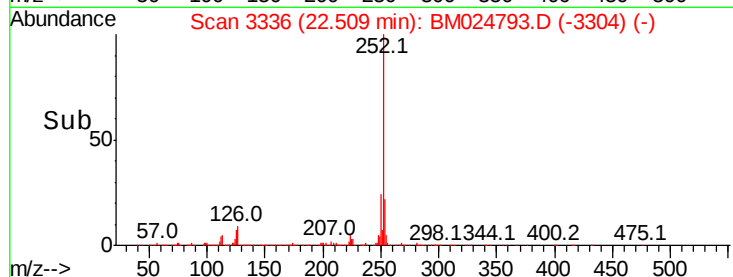
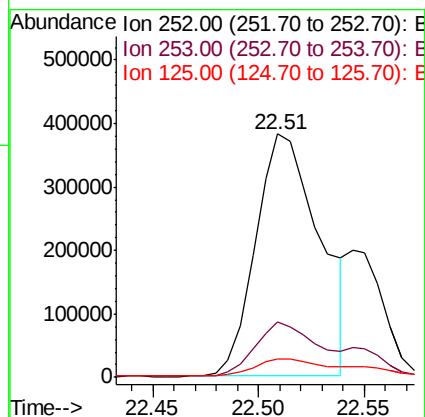
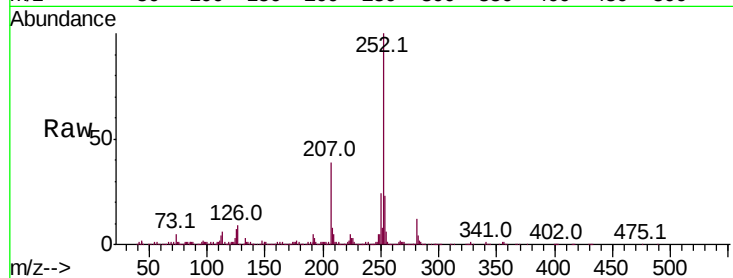
Acq: 08 Feb 2020 11:27

Instrument :

BNA_M

ClientSampled :

Tot Ion:	252	Resp:	803996
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	7.4	5.1	7.7



#89

Benzo(k)fluoranthene

Concen: 7.180 ng/u1

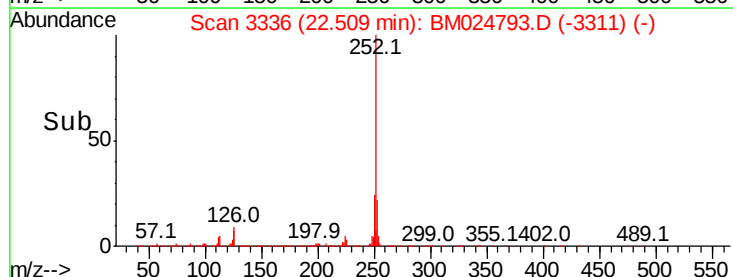
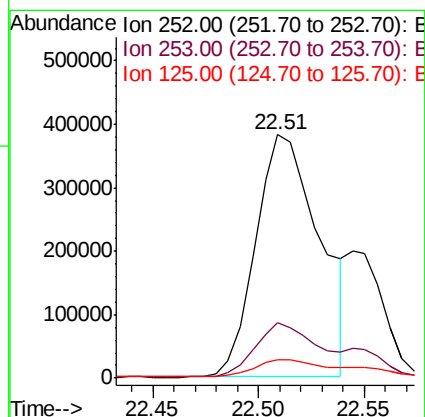
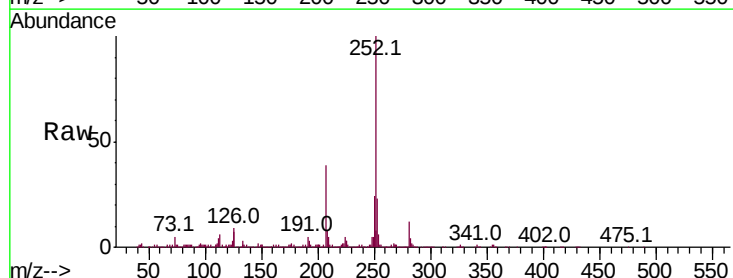
RT: 22.51 min Scan# 3336

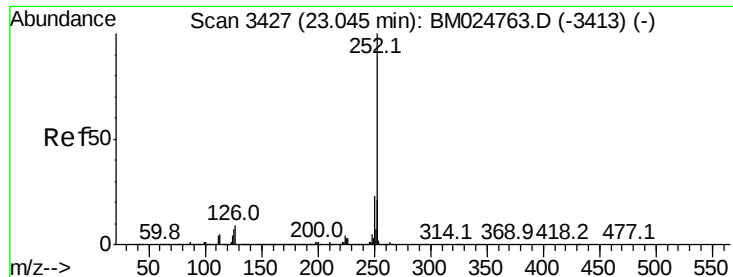
Delta R.T. -0.05 min

Lab File: BM024793.D

Acq: 08 Feb 2020 11:27

Tgt Ion:	252	Resp:	803996
Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	7.4	5.1	7.7





#91

Benzo(a)pyrene

Concen: 4.132 ng/ul

RT: 23.03 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM024793.D

Acq: 08 Feb 2020 11:27

Instrument :

BNA_M

ClientSampleId :

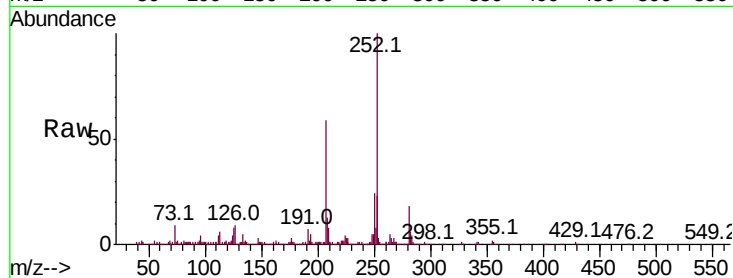
Tot Ion:252 Resp: 430994

Ion Ratio Lower Upper

252 100

253 23.3 17.5 26.3

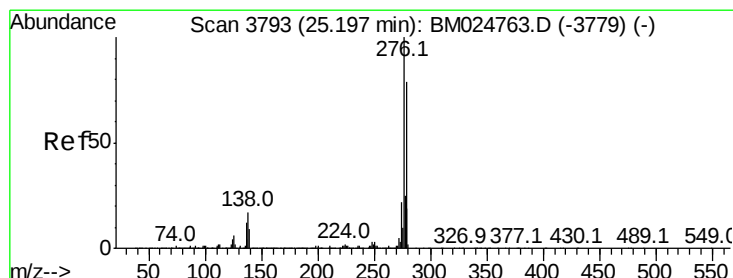
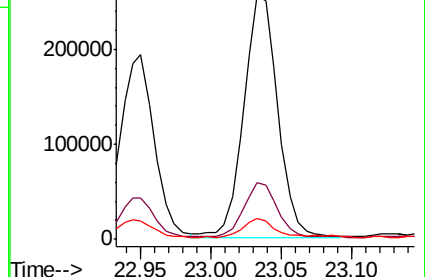
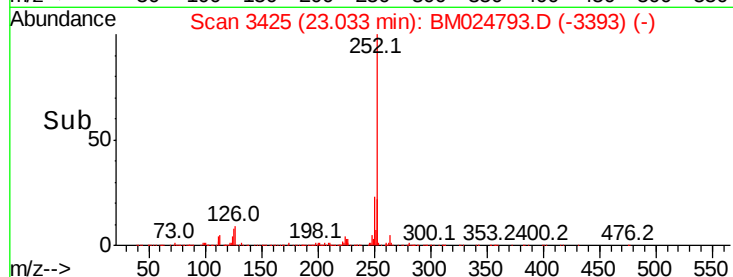
125 8.4 5.6 8.4



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: 2.684 ng/ul

RT: 25.17 min Scan# 3789

Delta R.T. -0.02 min

Lab File: BM024793.D

Acq: 08 Feb 2020 11:27

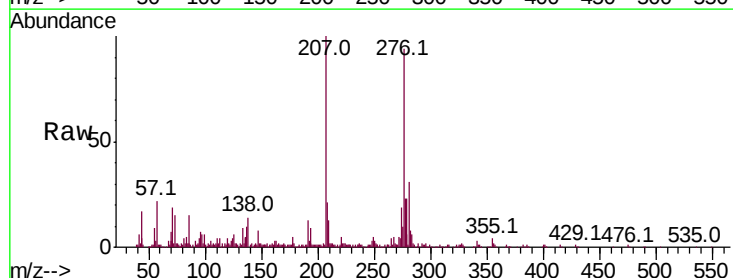
Tgt Ion:276 Resp: 348528

Ion Ratio Lower Upper

276 100

138 14.7 12.8 19.2

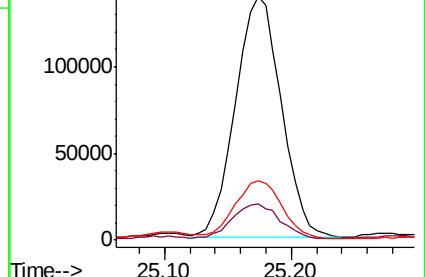
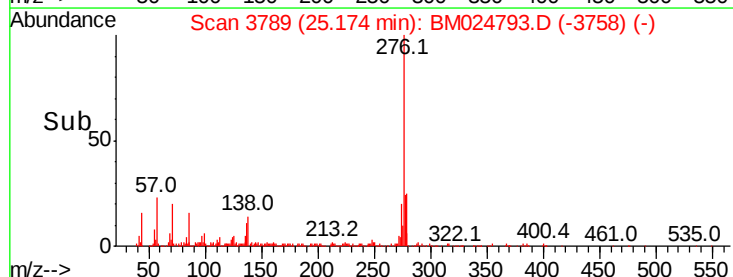
277 24.3 19.3 28.9

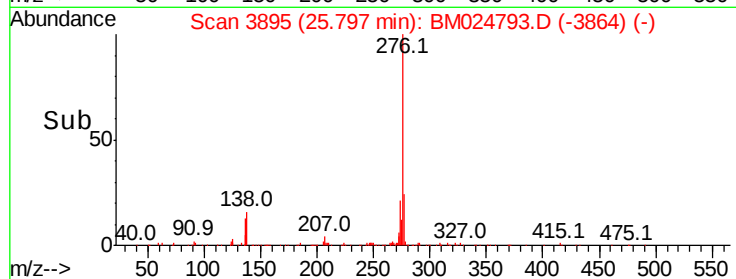
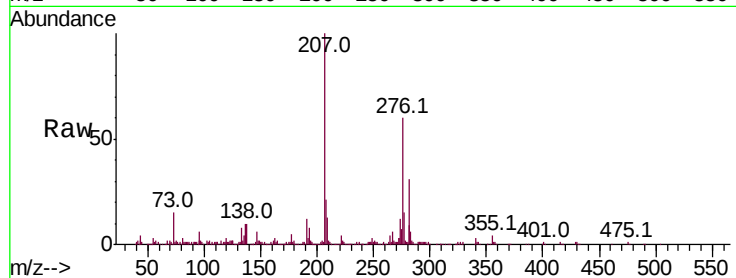
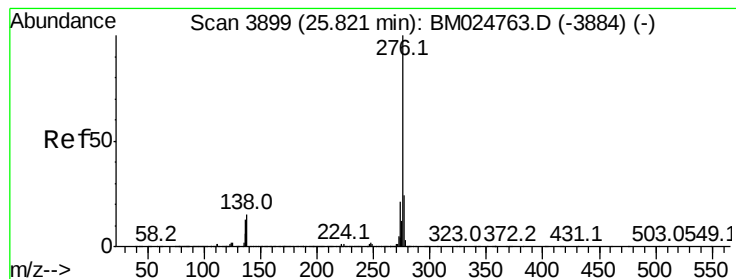


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.374 ng/ul

RT: 25.80 min Scan# 3895

Delta R.T. -0.02 min

Lab File: BM024793.D

Acq: 08 Feb 2020 11:27

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 276 Resp: 256401

Ion Ratio Lower Upper

276 100

138 16.2 11.8 17.6

277 25.1 19.0 28.6

