

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024794.D
 Acq On : 08 Feb 2020 12:03
 Operator : CG/JU
 Sample : L1400-13
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 00:12:20 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	315952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1228129	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	830488	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1832092	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1816432	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1818959	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	27952	4.26	ng/uL	0.00
5) Phenol-d5	6.60	99	497571	23.71	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	308099	25.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	458984	24.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	425315	24.01	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	227854	25.66	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	277349	26.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	495277	23.40	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	561174	28.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1673710	26.70	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1865396	25.48	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	231823	22.76	ng/ul	0.00
58) Fluorene-d10	15.06	176	1426110	25.69	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	250936	21.01	ng/ul	0.00
71) Anthracene-d10	16.91	188	2088904	24.98	ng/ul	0.00
79) Pyrene-d10	19.22	212	2335884	25.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2299239	25.17	ng/ul	0.00

Target Compounds

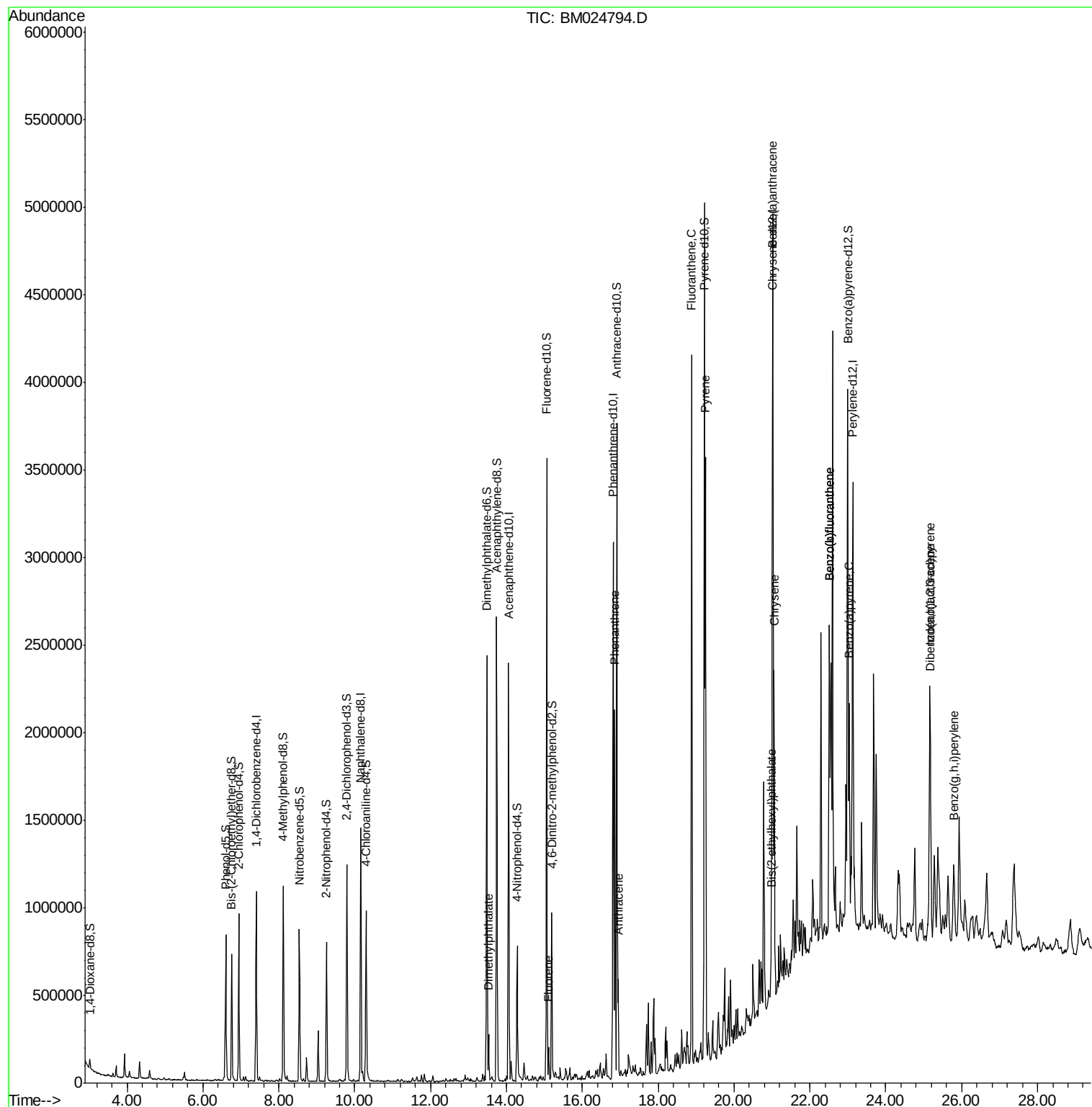
					Ovalue
45) Dimethylphthalate	13.53	163	171561	2.623	ng/ul 100
59) Fluorene	15.12	166	67107	1.067	ng/ul 97
70) Phenanthrene	16.85	178	1247089	12.484	ng/ul 99
72) Anthracene	16.94	178	315202	3.111	ng/ul 99
77) Fluoranthene	18.88	202	2474635	20.180	ng/ul 100
80) Pyrene	19.24	202	2024116	16.835	ng/ul 100
83) Benzo(a)anthracene	21.01	228	1204359	9.843	ng/ul 98
84) Bis(2-ethylhexyl)phthalate	20.98	149	137571	1.933	ng/ul 100
85) Chrysene	21.06	228	1087442	9.028	ng/ul 99
88) Benzo(b)fluoranthene	22.51	252	1544982	13.357	ng/ul 98
89) Benzo(k)fluoranthene	22.51	252	1544982	13.878	ng/ul 98
91) Benzo(a)pyrene	23.03	252	918917	8.862	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.17	276	677074	5.245	ng/ul 98
93) Dibenzo(a,h)anthracene	25.18	278	180554	1.641	ng/ul# 95
94) Benzo(g,h,i)perylene	25.80	276	497731	4.636	ng/ul 100

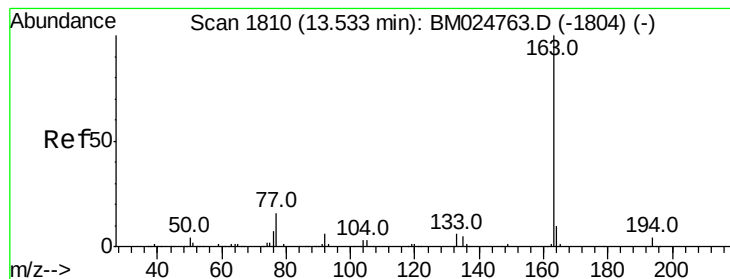
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#45

Dimethylphthalate

Concen: 2.623 ng/ul

RT: 13.53 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

Instrument :

BNA_M

ClientSampleId :

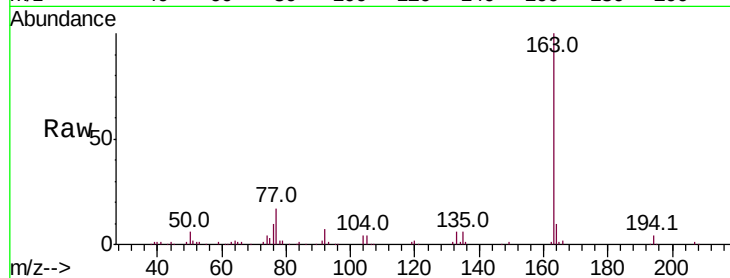
Tot Ion:163 Resp: 171561

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

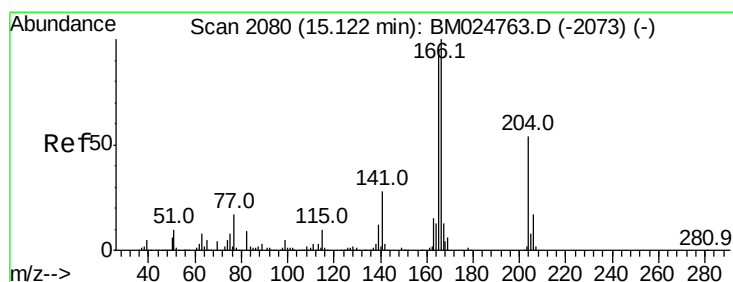
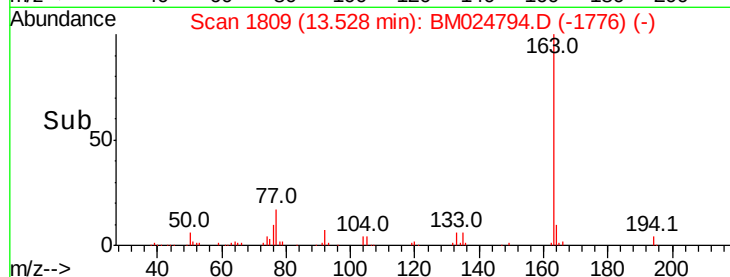
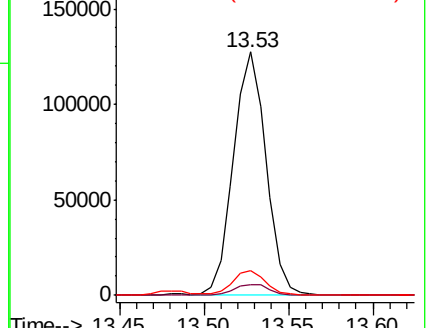
164 10.0 8.2 12.2



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



#59

Fluorene

Concen: 1.067 ng/ul

RT: 15.12 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

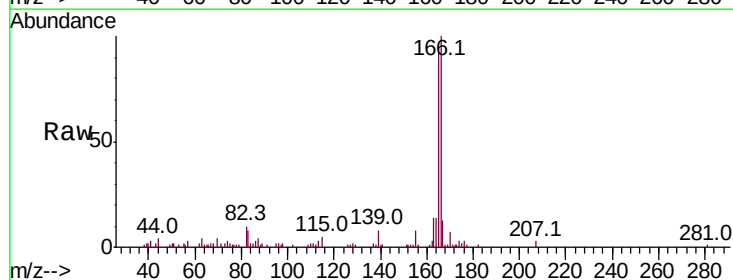
Tgt Ion:166 Resp: 67107

Ion Ratio Lower Upper

166 100

165 91.6 75.8 113.8

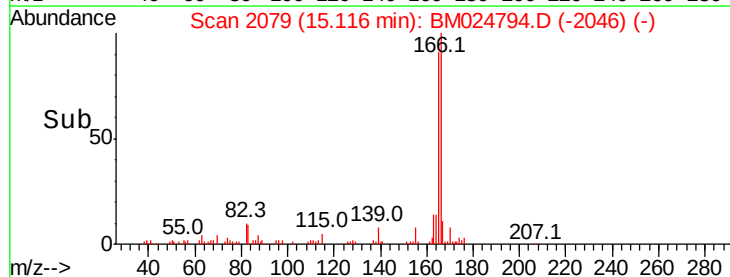
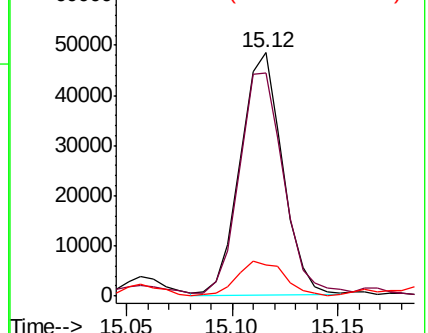
167 12.6 10.6 16.0

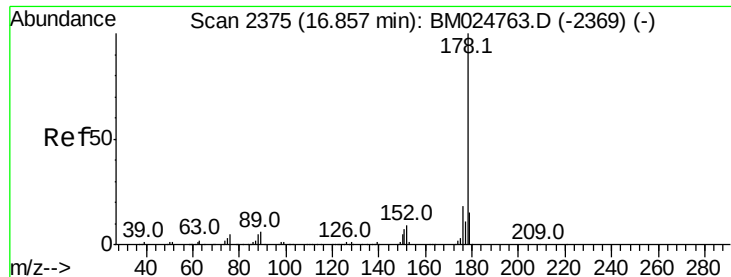


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 12.484 ng/ul

RT: 16.85 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

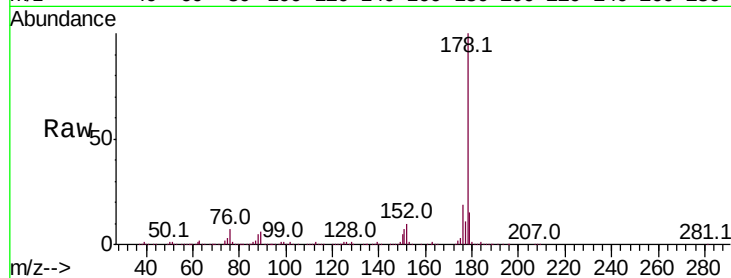
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1247089

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.5	14.5	21.7

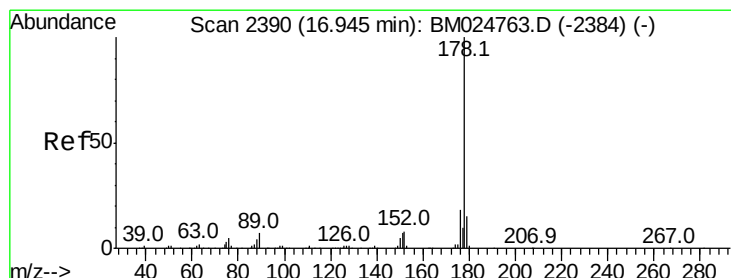
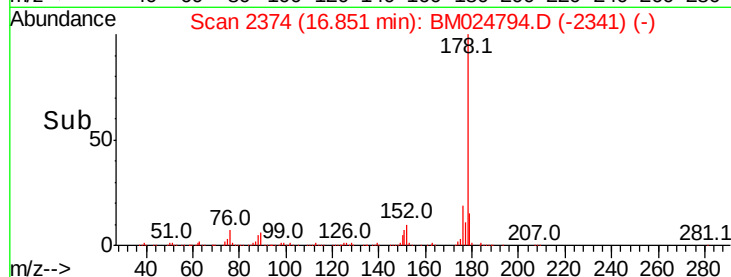
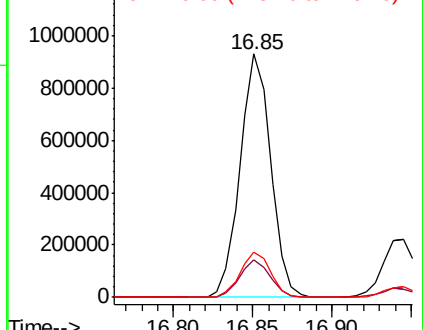


Abundance

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: 3.111 ng/ul

RT: 16.94 min Scan# 2390

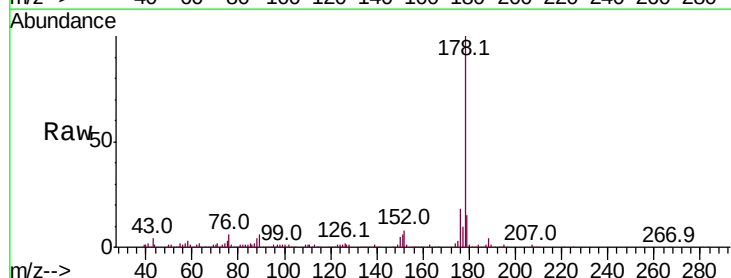
Delta R.T. -0.01 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

Tgt Ion:178 Resp: 315202

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	17.9	14.1	21.1

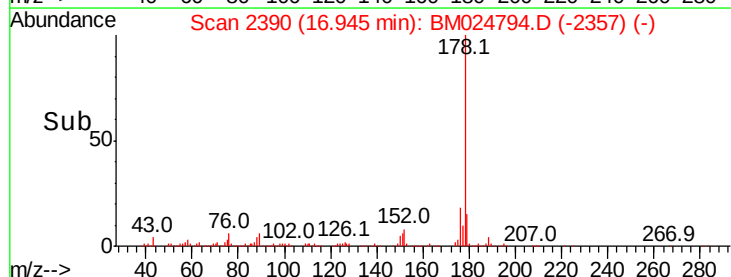
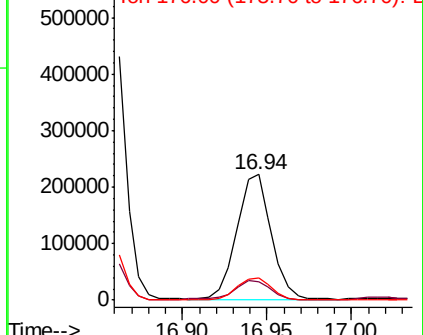


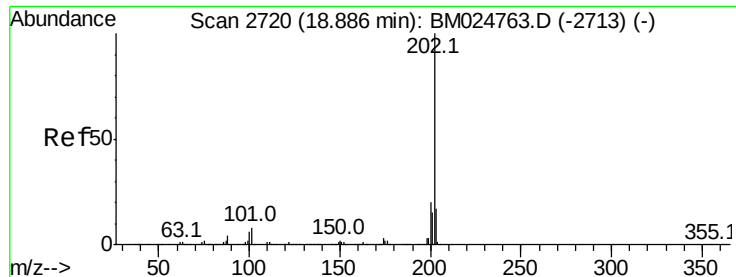
Abundance

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

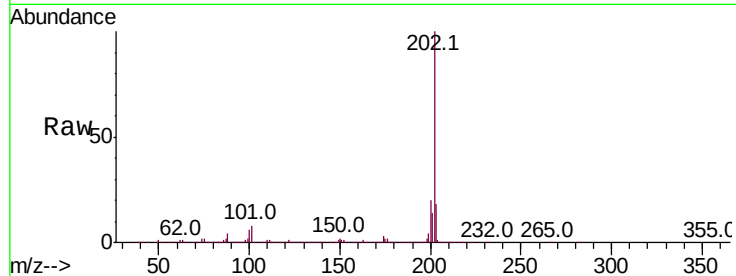




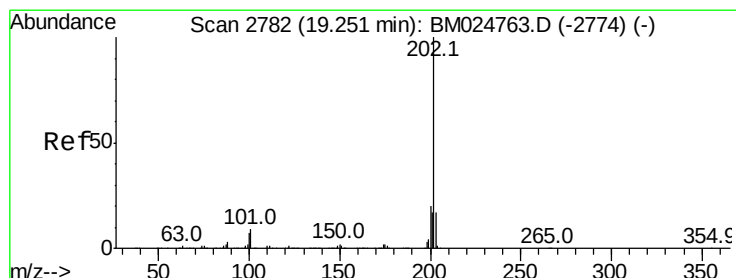
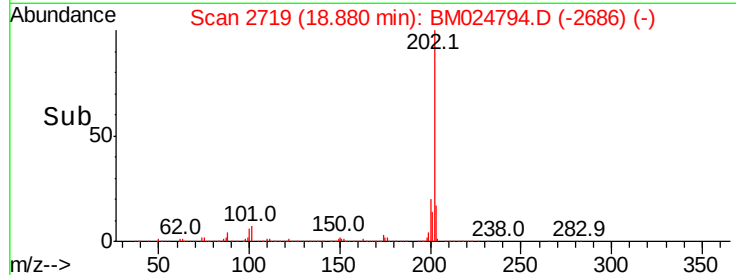
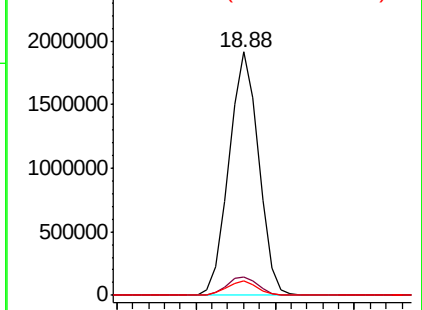
#77
 Fluoranthene
 Concen: 20.180 ng/ul
 RT: 18.88 min Scan# 2719
 Delta R.T. -0.01 min
 Lab File: BM024794.D
 Acq: 08 Feb 2020 12:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:202 Resp: 2474635
 Ion Ratio Lower Upper
 202 100
 101 7.6 6.1 9.1
 100 6.0 4.8 7.2

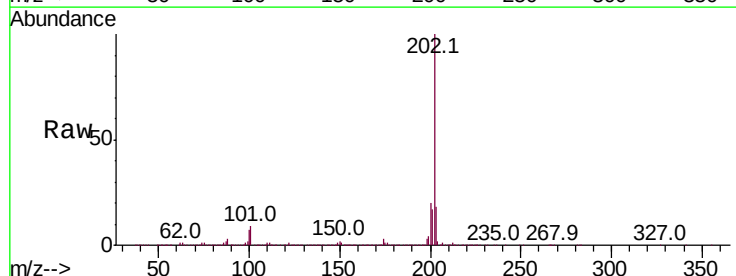


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

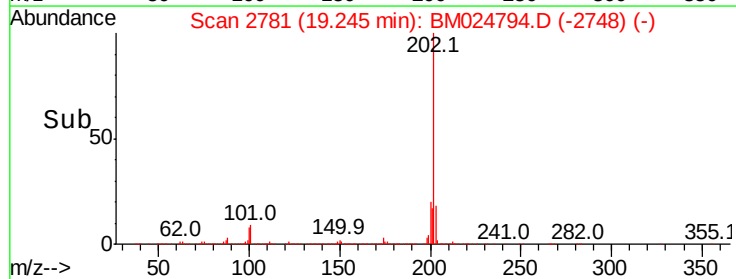
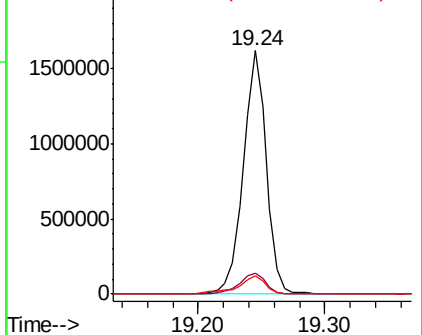


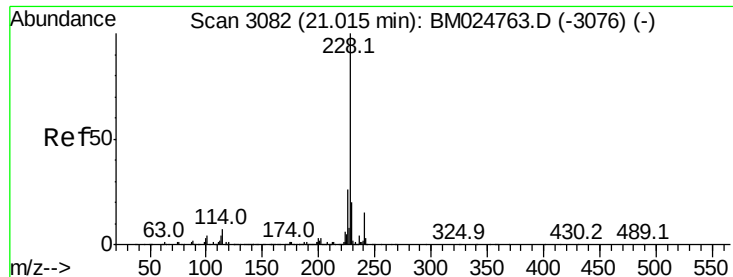
#80
 Pyrene
 Concen: 16.835 ng/ul
 RT: 19.24 min Scan# 2781
 Delta R.T. -0.01 min
 Lab File: BM024794.D
 Acq: 08 Feb 2020 12:03

Tgt Ion:202 Resp: 2024116
 Ion Ratio Lower Upper
 202 100
 101 8.8 7.0 10.4
 100 7.5 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: 9.843 ng/ul

RT: 21.01 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

Instrument :

BNA_M

ClientSampled :

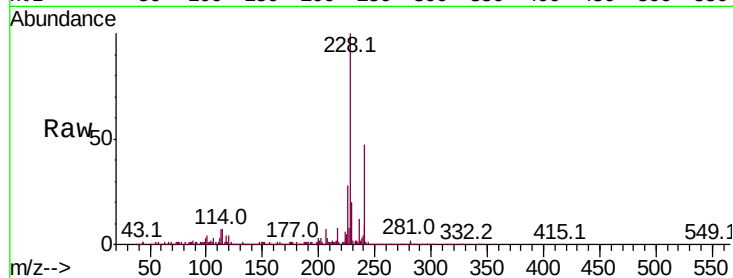
Tot Ion:228 Resp: 1204359

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	27.6	20.8	31.2

228 100

229 20.1 15.9 23.9

226 27.6 20.8 31.2

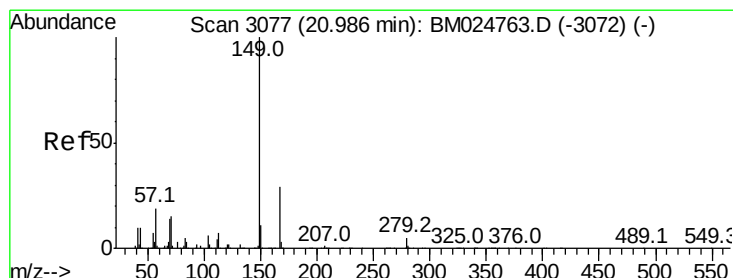
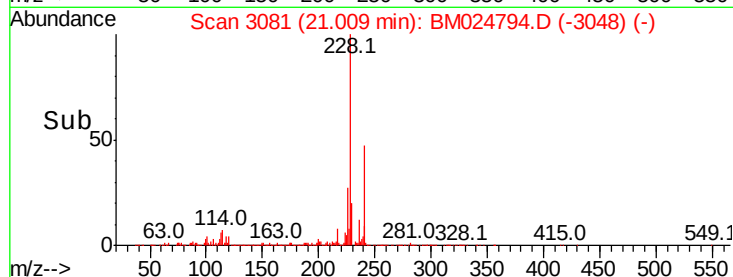
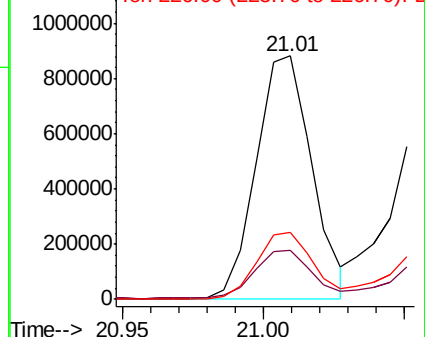


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.933 ng/ul

RT: 20.98 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

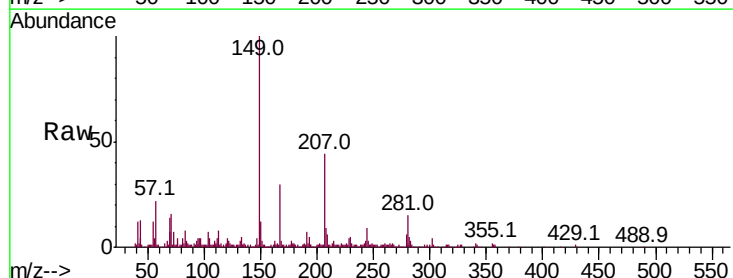
Tgt Ion:149 Resp: 137571

Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.4	35.2
279	5.8	4.7	7.1

149 100

167 29.6 23.4 35.2

279 5.8 4.7 7.1

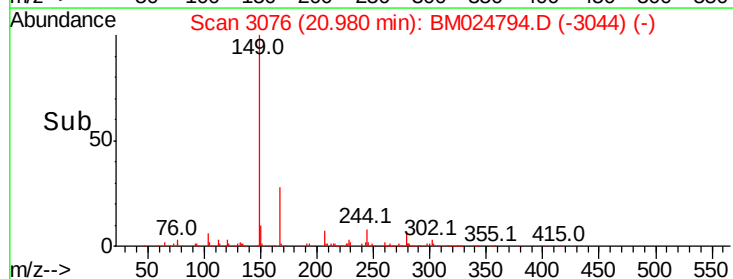
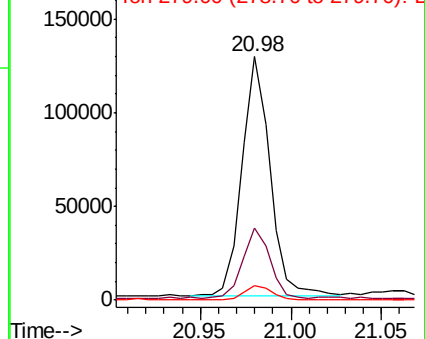


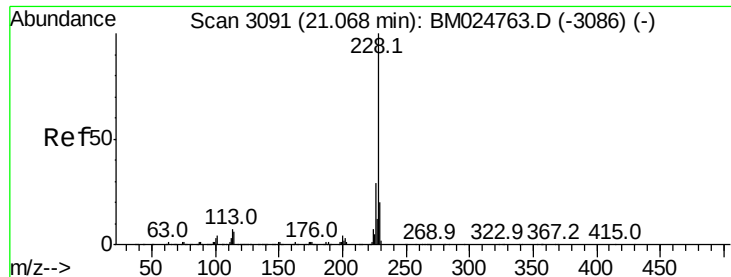
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 9.028 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

Instrument :

BNA_M

ClientSampled :

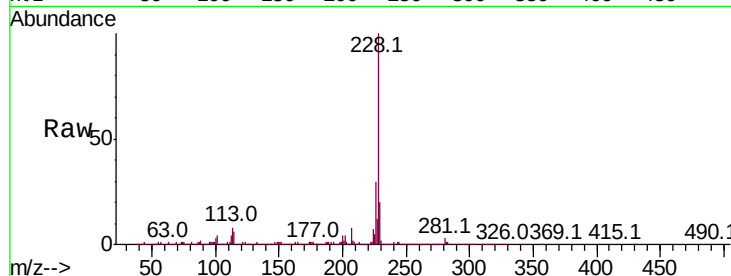
Tot Ion:228 Resp: 1087442

Ion Ratio Lower Upper

228 100

226 29.5 23.0 34.4

229 20.3 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

1200000 Ion 226.00 (225.70 to 226.70): E

1000000 Ion 229.00 (228.70 to 229.70): E

800000

600000

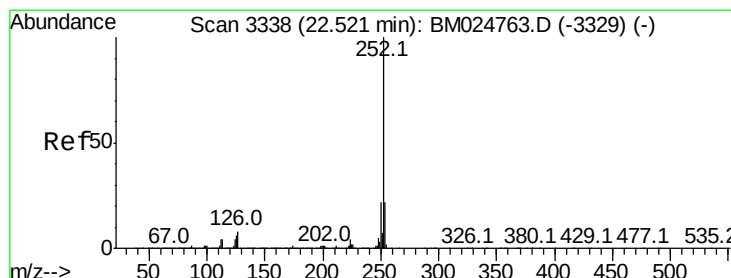
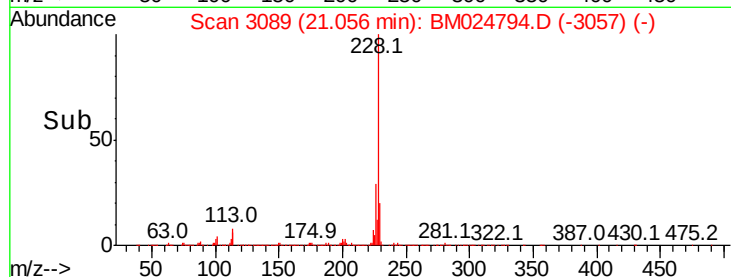
400000

200000

0

21.00 21.05 21.10

Time-->



#88

Benzo(b)fluoranthene

Concen: 13.357 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

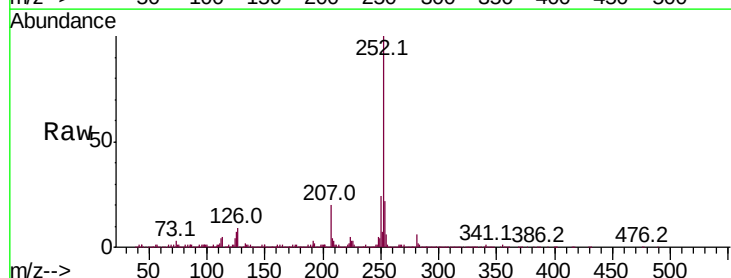
Tgt Ion:252 Resp: 1544982

Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 7.4 5.1 7.7



Abundance Ion 252.00 (251.70 to 252.70): E

1000000 Ion 253.00 (252.70 to 253.70): E

800000 Ion 125.00 (124.70 to 125.70): E

600000

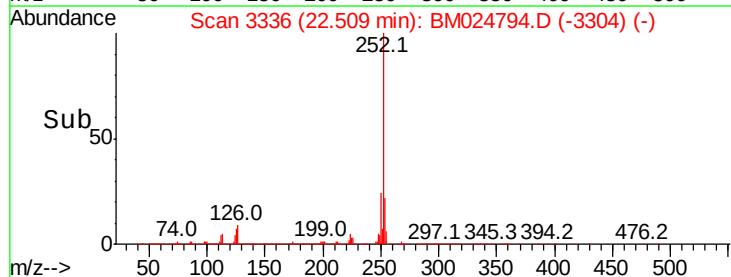
400000

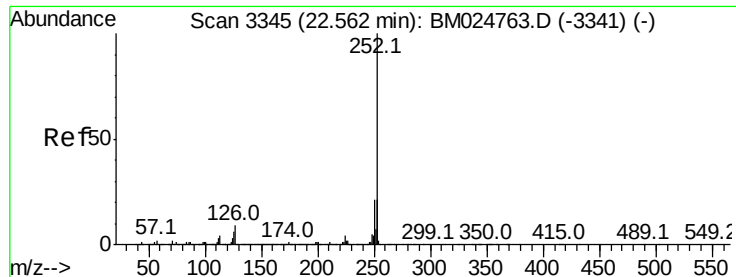
200000

0

22.45 22.50 22.55

Time-->





#89

Benzo(k)fluoranthene

Concen: 13.878 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.05 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

Instrument :

BNA_M

ClientSampleId :

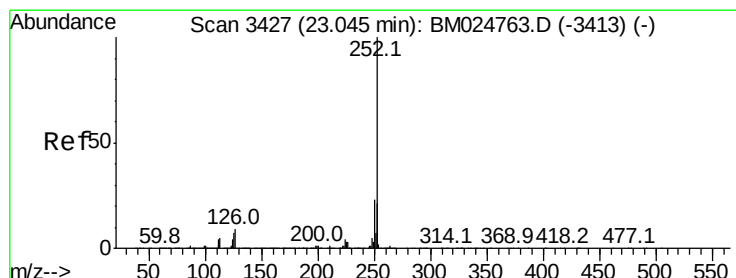
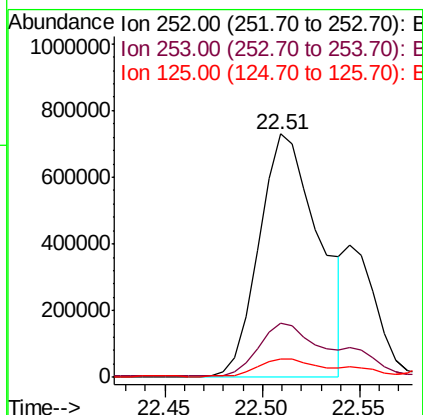
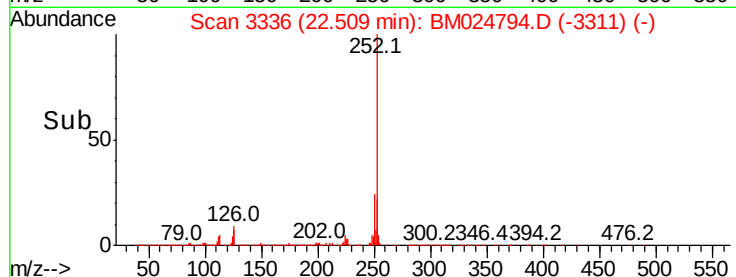
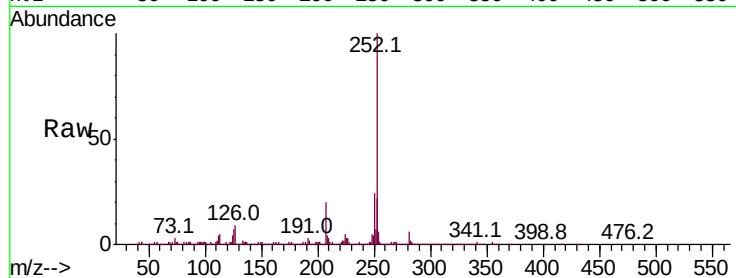
Tot Ion:252 Resp: 1544982

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 7.4 5.1 7.7



#91

Benzo(a)pyrene

Concen: 8.862 ng/ul

RT: 23.03 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

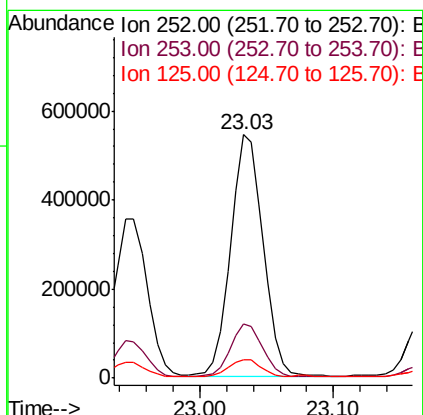
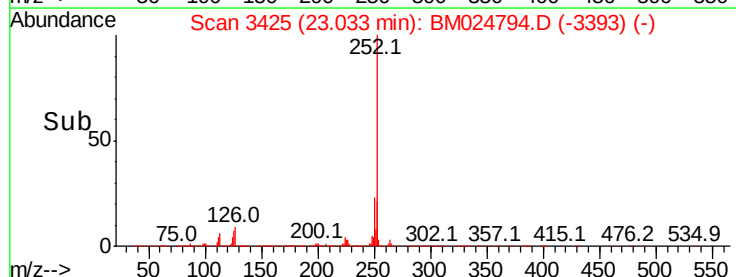
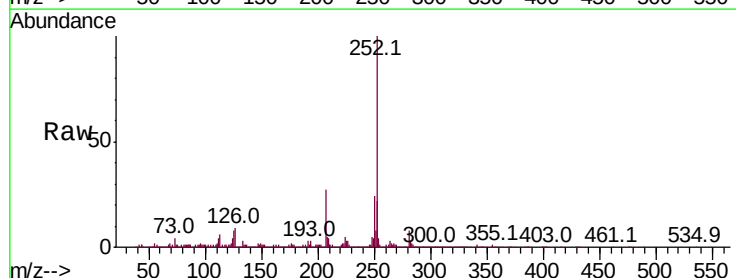
Tgt Ion:252 Resp: 918917

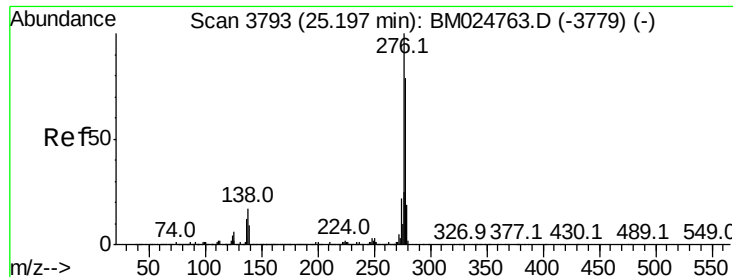
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 7.8 5.6 8.4

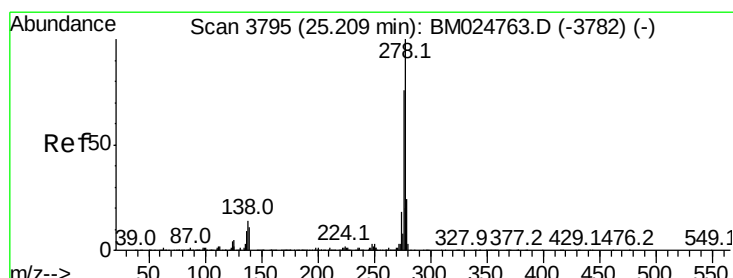
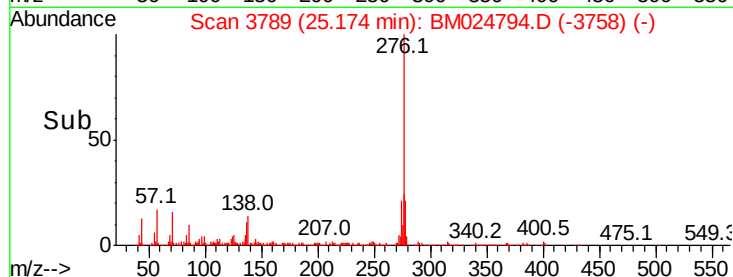
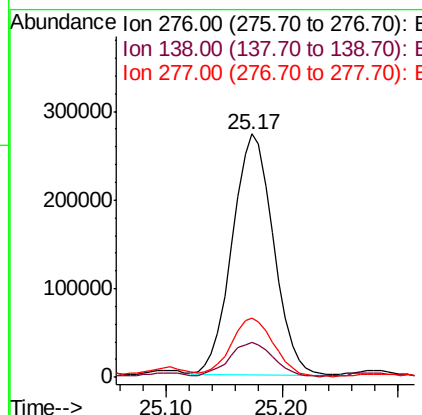
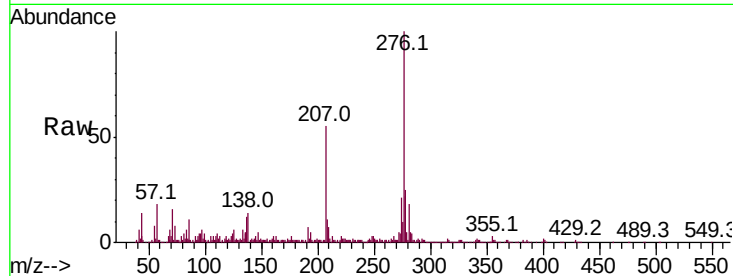




#92
 Indeno(1,2,3-cd)pyrene
 Concen: 5.245 ng/ul
 RT: 25.17 min Scan# 3789
 Delta R.T. -0.02 min
 Lab File: BM024794.D
 Acq: 08 Feb 2020 12:03

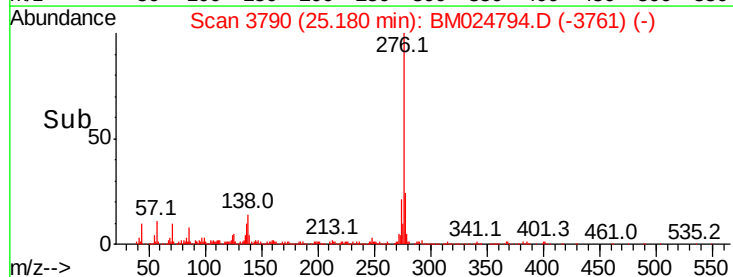
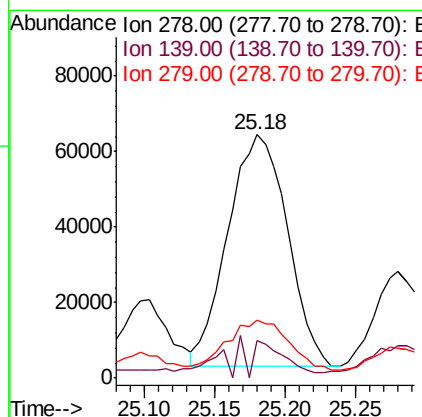
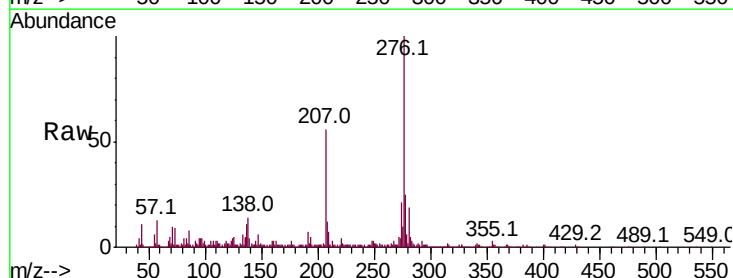
Instrument :
 BNA_M
 ClientSampleId :

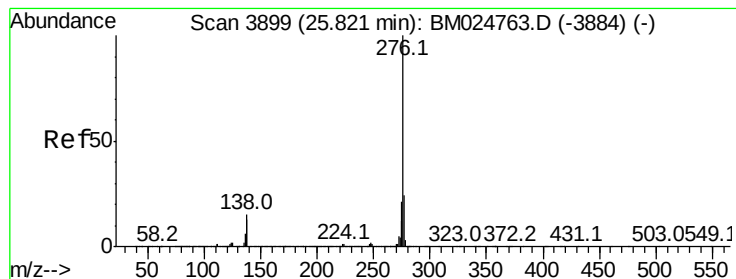
Tot Ion:	276	Resp:	677074
Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.8	19.2
277	24.5	19.3	28.9



#93
 Dibenzo(a,h)anthracene
 Concen: 1.641 ng/ul
 RT: 25.18 min Scan# 3790
 Delta R.T. -0.03 min
 Lab File: BM024794.D
 Acq: 08 Feb 2020 12:03

Tgt Ion:	278	Resp:	180554
Ion	Ratio	Lower	Upper
278	100		
139	15.7	8.4	12.6#
279	23.6	18.5	27.7





#94

Benzo(a,h,i)perylene

Concen: 4.636 ng/ul

RT: 25.80 min Scan# 3895

Delta R.T. -0.02 min

Lab File: BM024794.D

Acq: 08 Feb 2020 12:03

Instrument :

BNA_M

ClientSampleId :

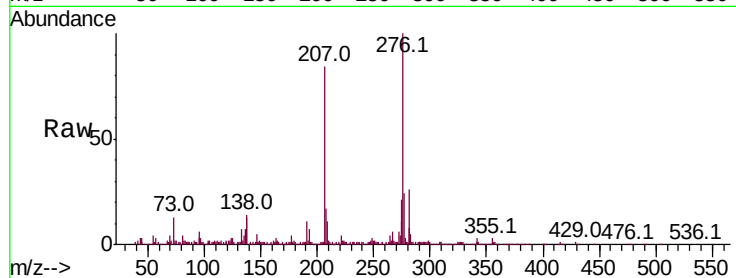
Tot Ion: 276 Resp: 497731

Ion Ratio Lower Upper

276 100

138 14.3 11.8 17.6

277 23.7 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

