

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024797.D
 Acq On : 08 Feb 2020 13:51
 Operator : CG/JU
 Sample : L1400-16
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 10 00:12:42 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	314192	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1229363	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	830949	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1854304	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1816204	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1883621	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	21178	3.24	ng/uL	0.00
5) Phenol-d5	6.60	99	409529	19.62	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	261115	22.15	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	373721	19.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	314827	17.88	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	196896	22.15	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	235183	22.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	412576	19.47	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	498672	25.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	1455194	23.20	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1552458	21.19	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	202797	19.90	ng/ul	0.00
58) Fluorene-d10	15.06	176	1228317	22.12	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	228823	18.93	ng/ul	0.00
71) Anthracene-d10	16.91	188	1865891	22.04	ng/ul	0.00
79) Pyrene-d10	19.22	212	2074484	22.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2044645	21.61	ng/ul	-0.01

Target Compounds

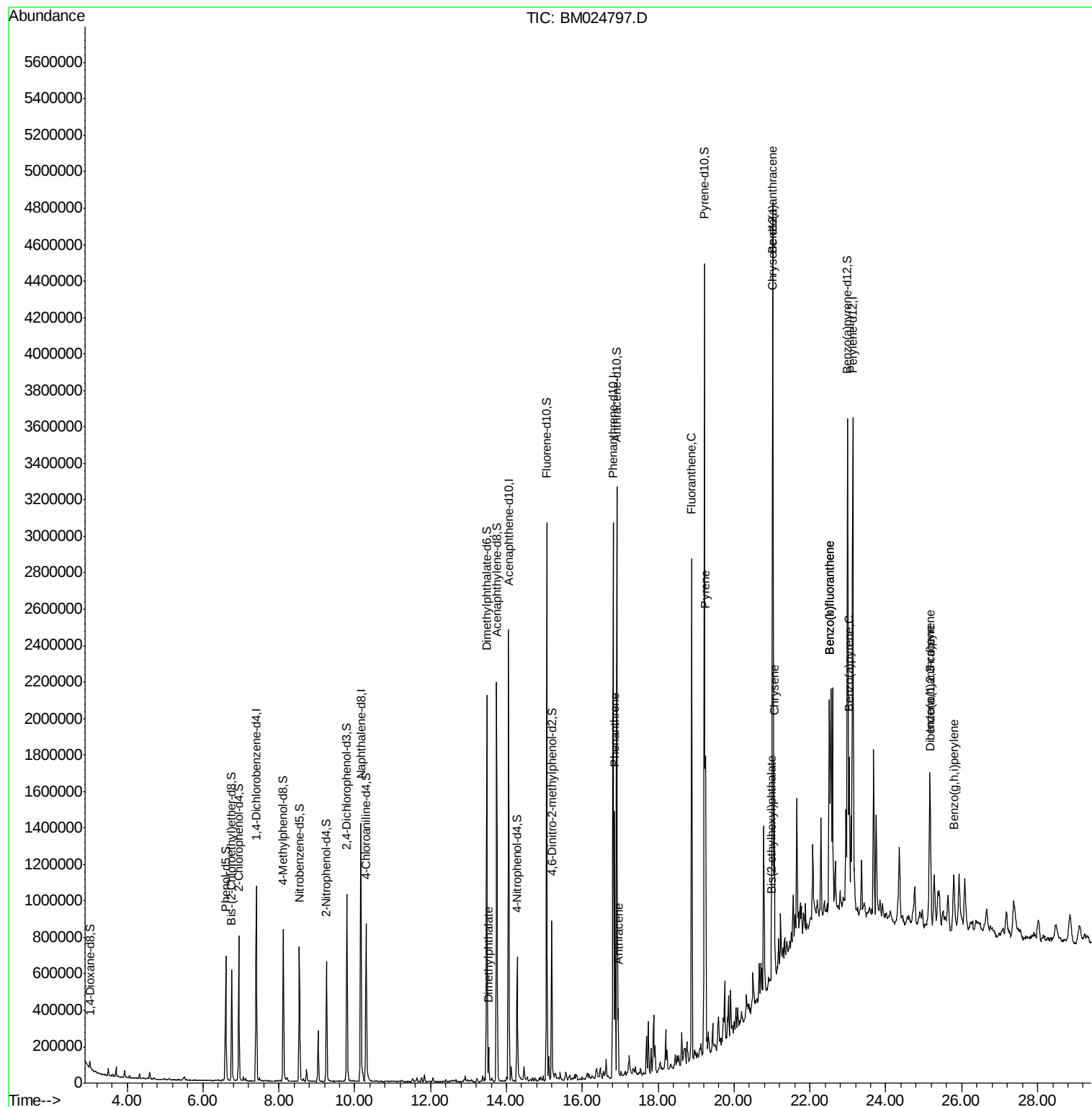
					Ovalue	
45) Dimethylphthalate	13.53	163	117744	1.799	ng/ul	100
70) Phenanthrene	16.85	178	866005	8.565	ng/ul	100
72) Anthracene	16.95	178	219111	2.137	ng/ul	99
77) Fluoranthene	18.88	202	1634213	13.167	ng/ul	99
80) Pyrene	19.24	202	1301201	10.824	ng/ul	99
83) Benzo(a)anthracene	21.01	228	789821	6.456	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.98	149	86894	1.221	ng/ul	97
85) Chrysene	21.06	228	715252	5.938	ng/ul	99
88) Benzo(b)fluoranthene	22.51	252	1013459	8.461	ng/ul#	96
89) Benzo(k)fluoranthene	22.51	252	1013459	8.791	ng/ul#	97
91) Benzo(a)pyrene	23.03	252	602551	5.611	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.17	276	450321	3.368	ng/ul	97
93) Dibenzo(a,h)anthracene	25.18	278	127451	1.119	ng/ul#	93
94) Benzo(g,h,i)perylene	25.79	276	340642	3.064	ng/ul	99

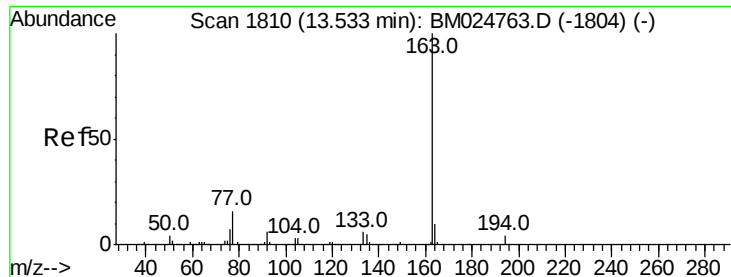
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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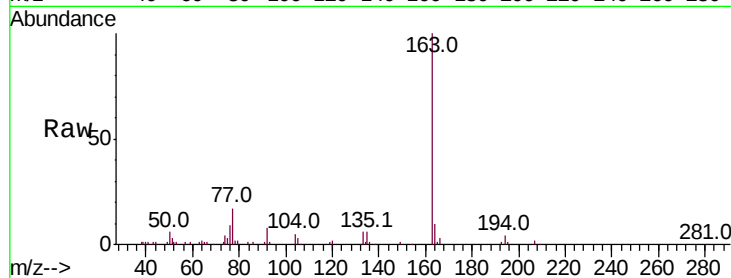




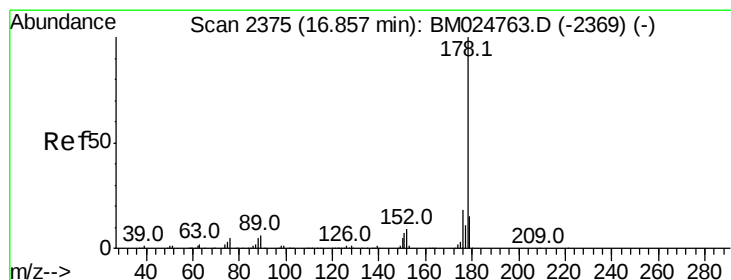
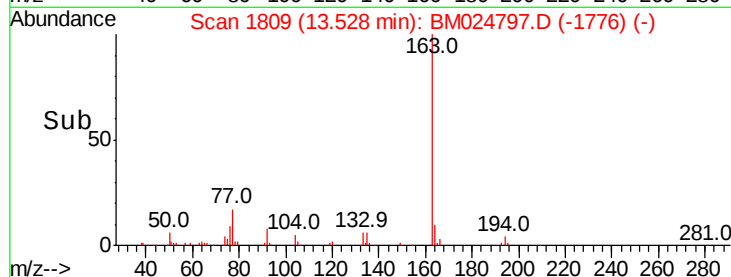
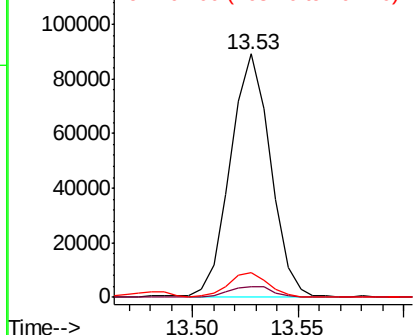
#45
Dimethylphthalate
Concen: 1.799 ng/ul
RT: 13.53 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BM024797.D
Acq: 08 Feb 2020 13:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 117744
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.2 8.2 12.2

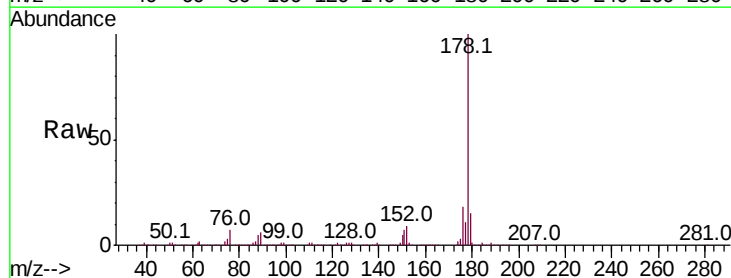


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

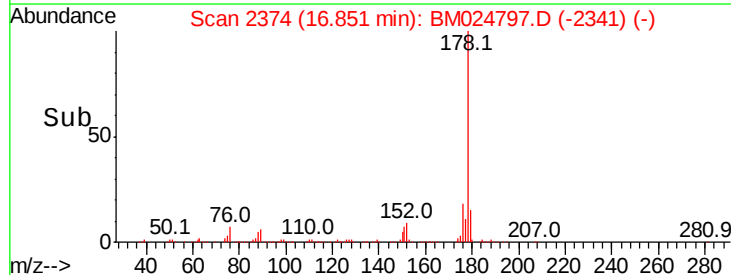
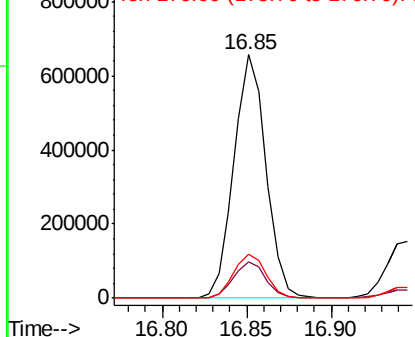


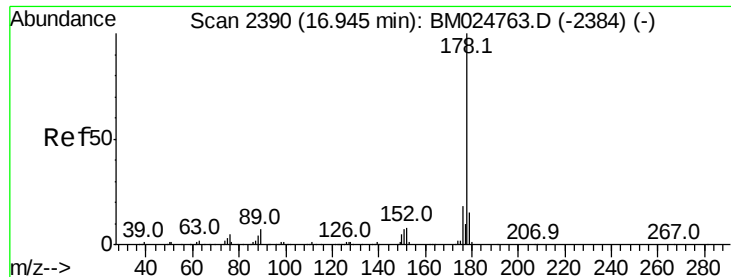
#70
Phenanthrene
Concen: 8.565 ng/ul
RT: 16.85 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BM024797.D
Acq: 08 Feb 2020 13:51

Tgt Ion:178 Resp: 866005
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.2
176 18.3 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

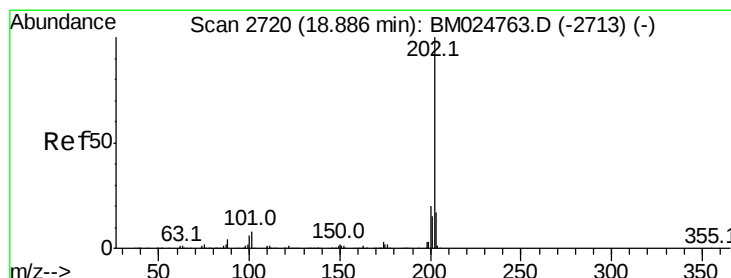
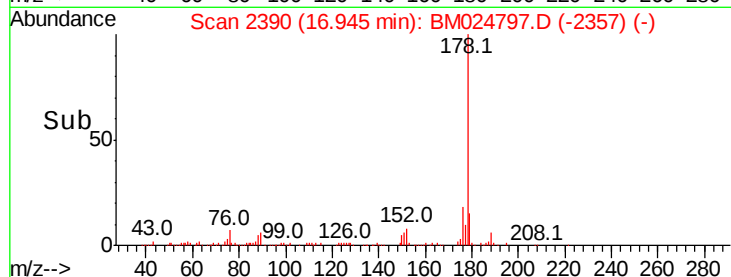
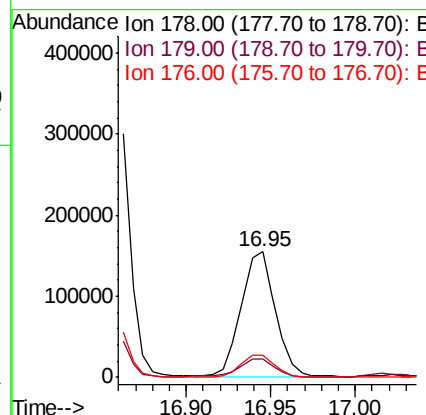
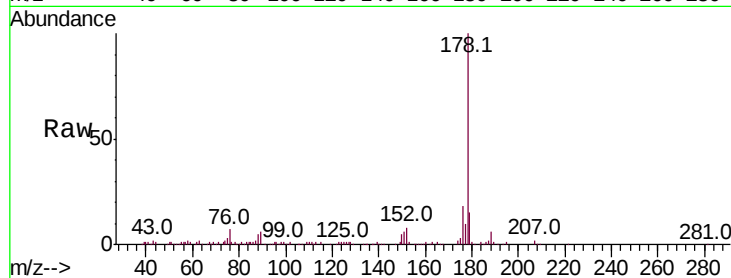




#72
 Anthracene
 Concen: 2.137 ng/ul
 RT: 16.95 min Scan# 2390
 Delta R.T. -0.01 min
 Lab File: BM024797.D
 Acq: 08 Feb 2020 13:51

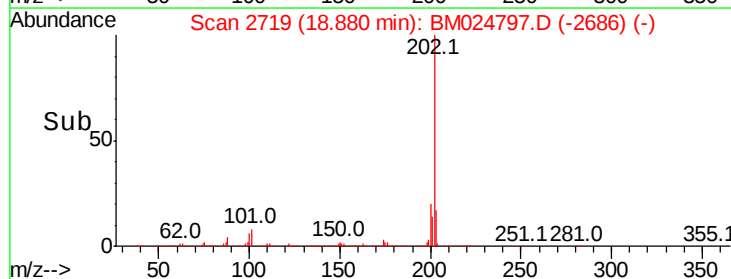
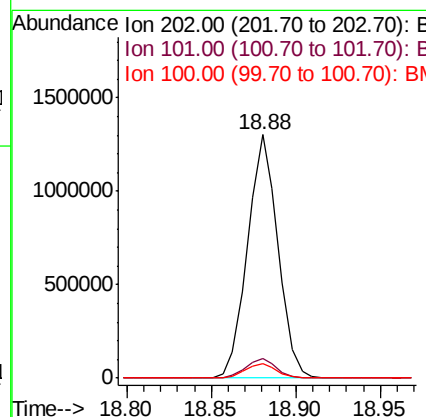
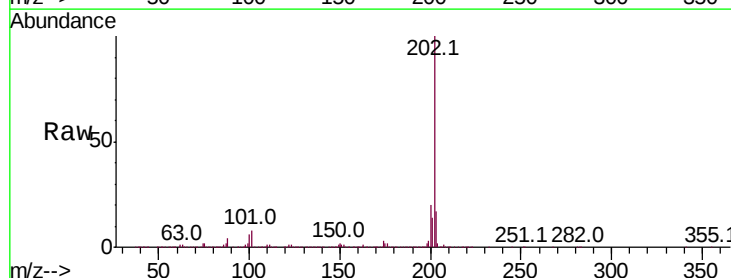
Instrument :
 BNA_M
 ClientSampleId :

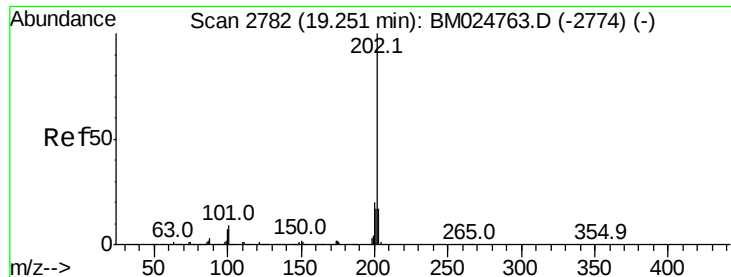
Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	17.6	14.1	21.1



#77
 Fluoranthene
 Concen: 13.167 ng/ul
 RT: 18.88 min Scan# 2719
 Delta R.T. -0.01 min
 Lab File: BM024797.D
 Acq: 08 Feb 2020 13:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.1	9.1
100	6.2	4.8	7.2

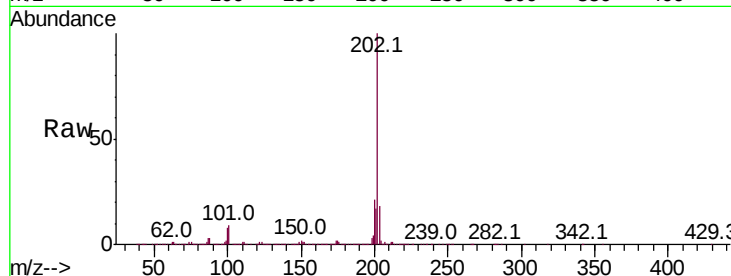




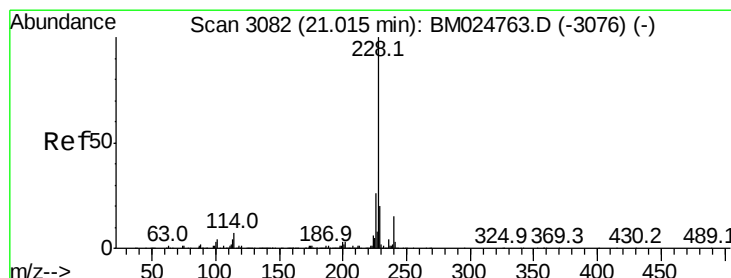
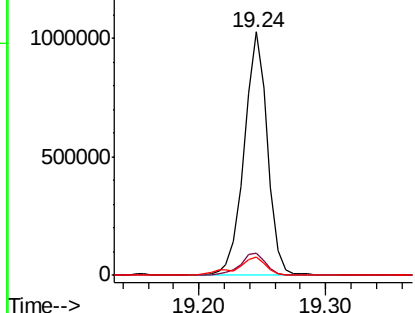
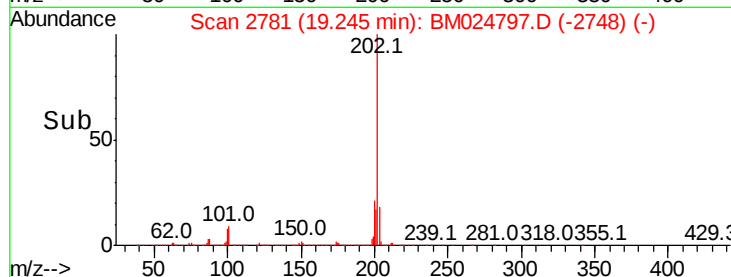
#80
Pvrene
Concen: 10.824 ng/ul
RT: 19.24 min Scan# 2781
Delta R.T. -0.01 min
Lab File: BM024797.D
Acq: 08 Feb 2020 13:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:202 Resp: 1301201
Ion Ratio Lower Upper
202 100
101 9.2 7.0 10.4
100 7.6 5.8 8.8

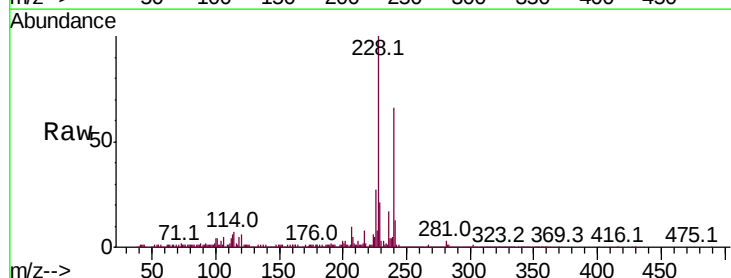


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

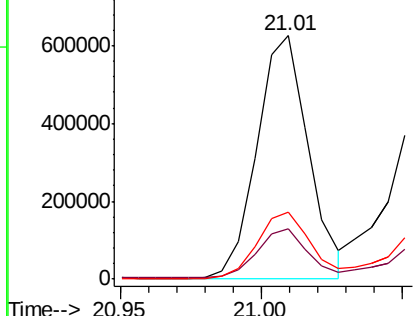
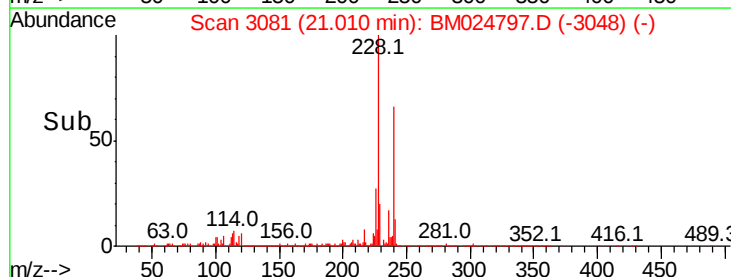


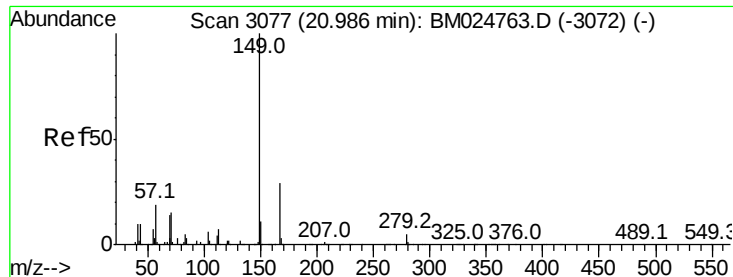
#83
Benzo(a)anthracene
Concen: 6.456 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024797.D
Acq: 08 Feb 2020 13:51

Tgt Ion:228 Resp: 789821
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 27.5 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: 1.221 ng/ul

RT: 20.98 min Scan# 3076

Delta R.T. -0.01 min

Lab File: BM024797.D

Acq: 08 Feb 2020 13:51

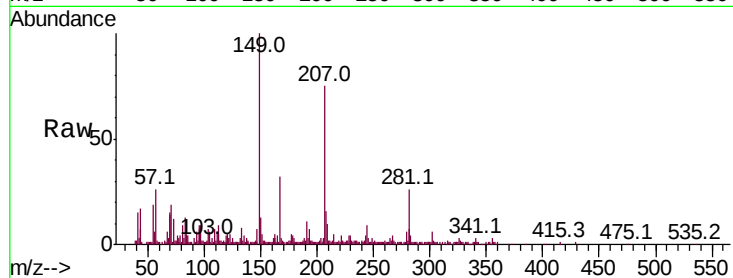
Instrument :

BNA_M

ClientSampleId :

Tot Ion:149 Resp: 86894

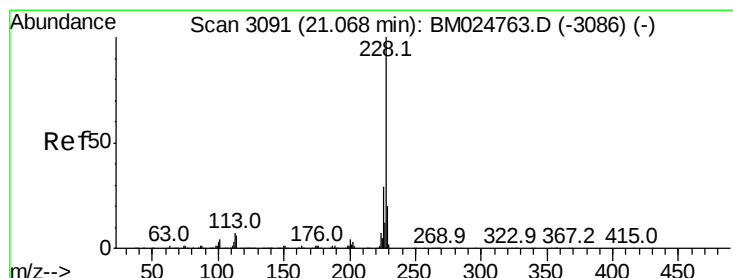
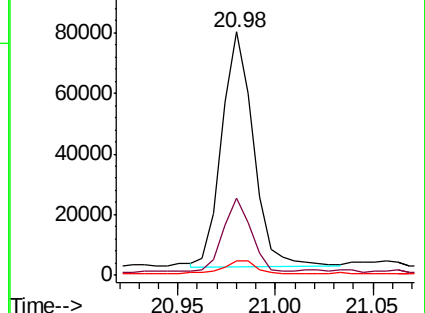
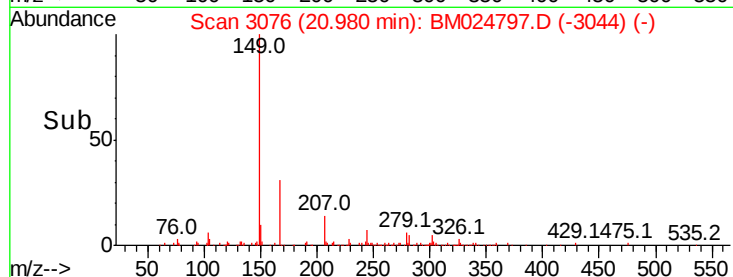
Ion	Ratio	Lower	Upper
149	100		
167	31.5	23.4	35.2
279	5.8	4.7	7.1



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: 5.938 ng/ul

RT: 21.06 min Scan# 3089

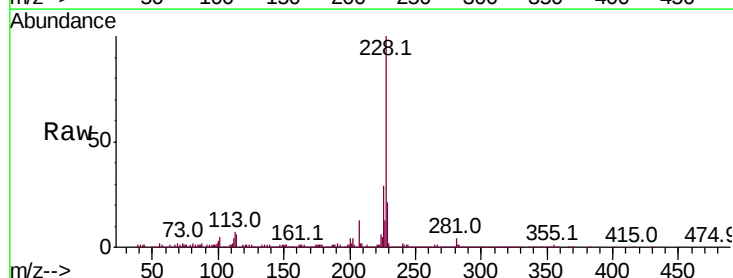
Delta R.T. -0.01 min

Lab File: BM024797.D

Acq: 08 Feb 2020 13:51

Tgt Ion:228 Resp: 715252

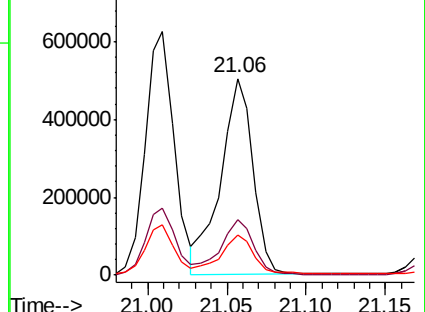
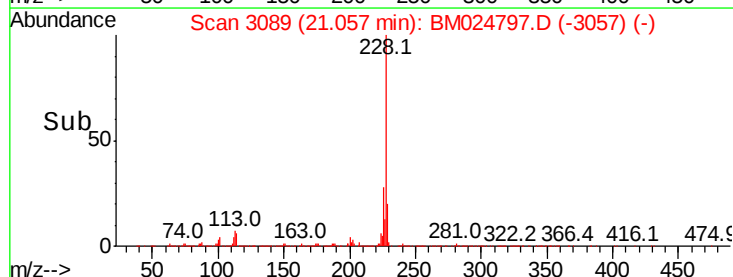
Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	20.6	15.8	23.8

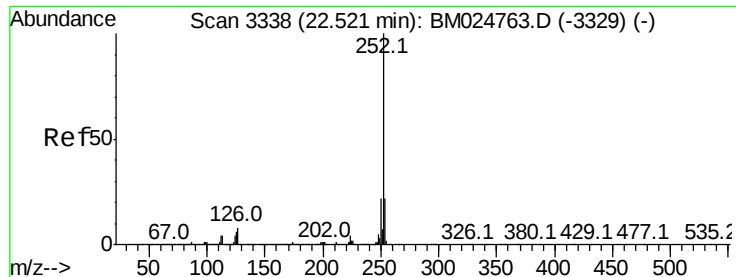


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 8.461 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.01 min

Lab File: BM024797.D

Acq: 08 Feb 2020 13:51

Instrument :

BNA_M

ClientSampleId :

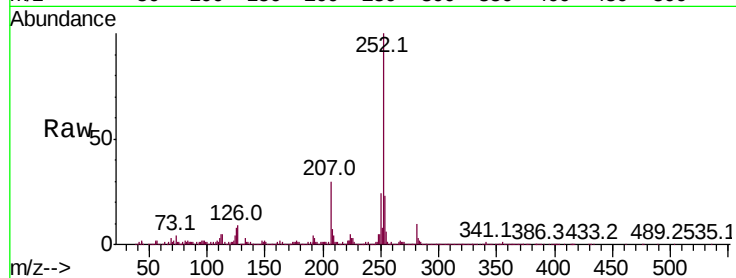
Tot Ion:252 Resp: 1013459

Ion Ratio Lower Upper

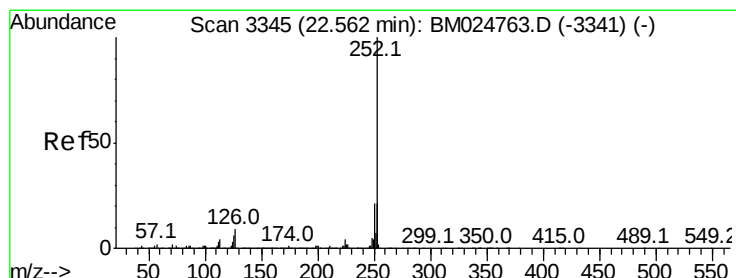
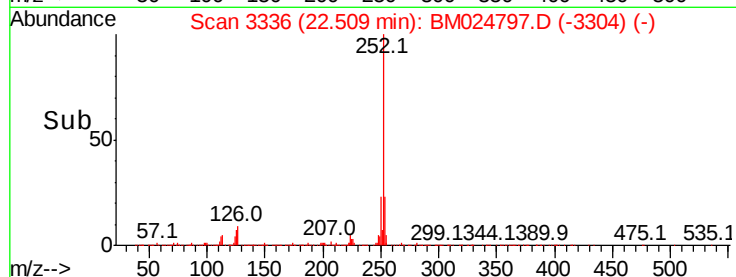
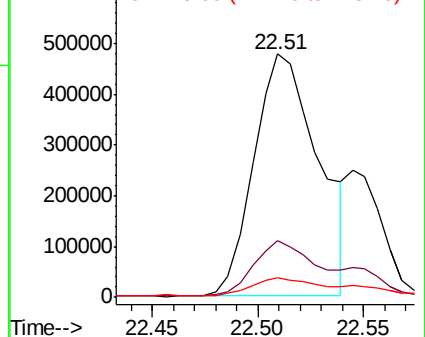
252 100

253 23.1 17.3 25.9

125 8.0 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



#89

Benzo(k)fluoranthene

Concen: 8.791 ng/ul

RT: 22.51 min Scan# 3336

Delta R.T. -0.05 min

Lab File: BM024797.D

Acq: 08 Feb 2020 13:51

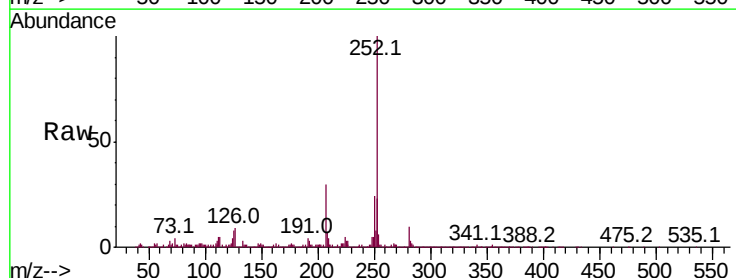
Tgt Ion:252 Resp: 1013459

Ion Ratio Lower Upper

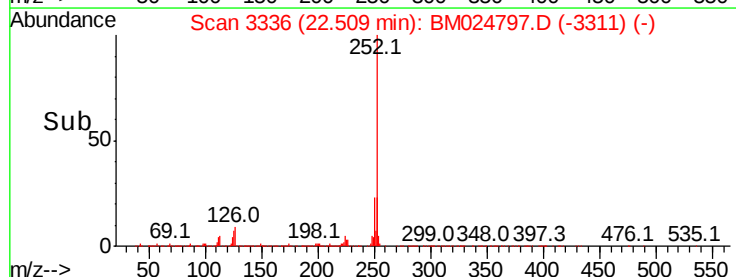
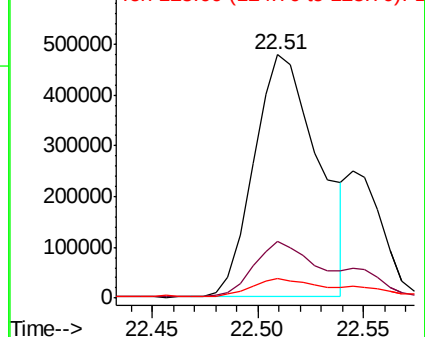
252 100

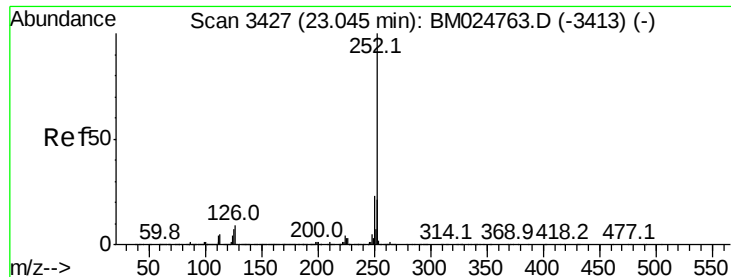
253 23.1 17.4 26.0

125 8.0 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: 5.611 ng/ul

RT: 23.03 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM024797.D

Acq: 08 Feb 2020 13:51

Instrument :

BNA_M

ClientSampled :

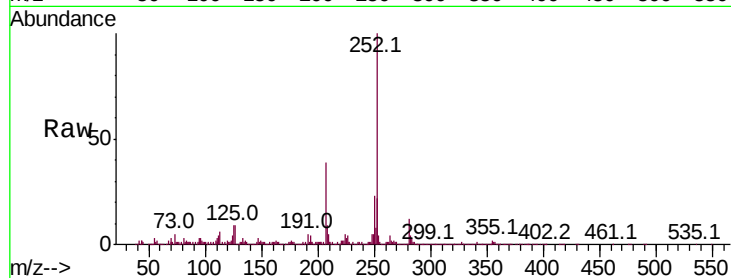
Tot Ion:252 Resp: 602551

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

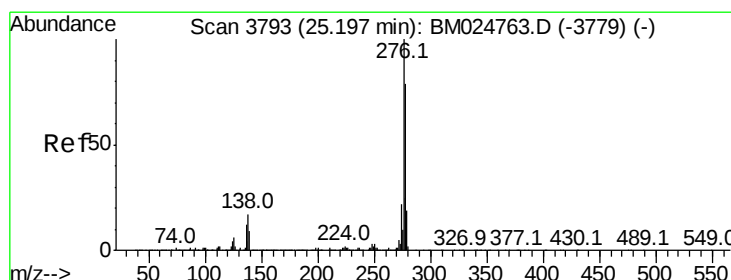
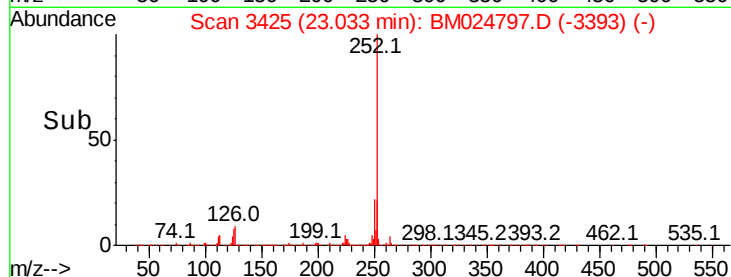
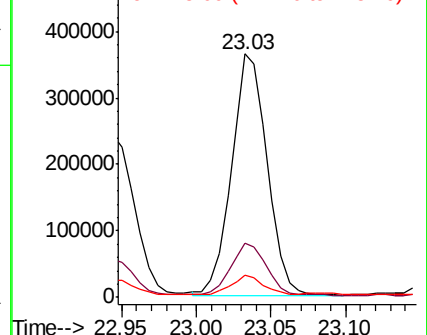
125 8.9 5.6 8.4#



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: 3.368 ng/ul

RT: 25.17 min Scan# 3789

Delta R.T. -0.02 min

Lab File: BM024797.D

Acq: 08 Feb 2020 13:51

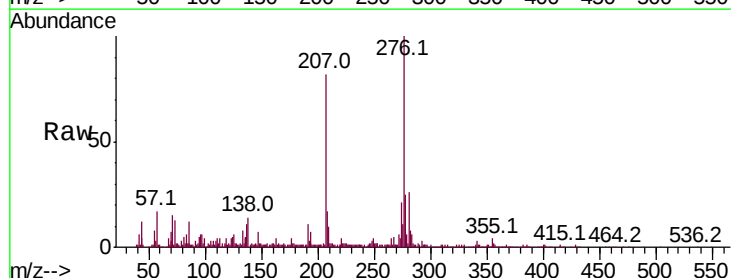
Tgt Ion:276 Resp: 450321

Ion Ratio Lower Upper

276 100

138 14.1 12.8 19.2

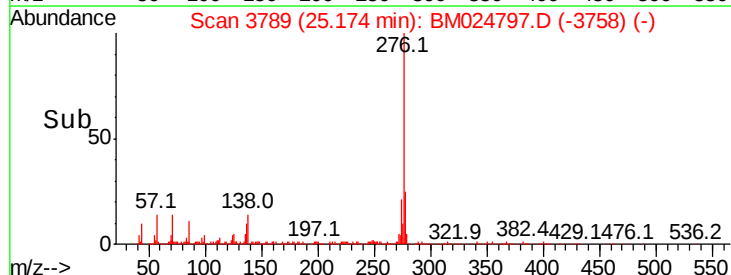
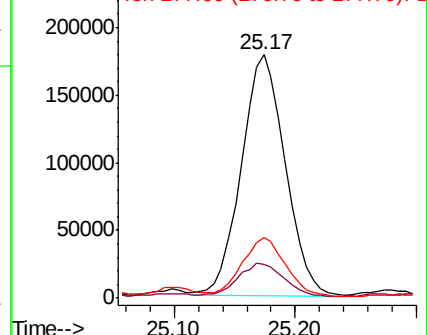
277 25.1 19.3 28.9

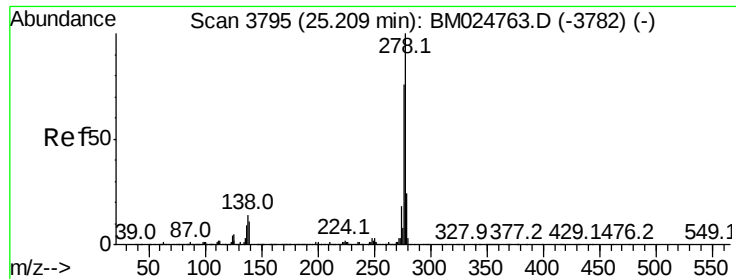


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 1.119 ng/ul

RT: 25.18 min Scan# 3790

Delta R.T. -0.03 min

Lab File: BM024797.D

Acq: 08 Feb 2020 13:51

Instrument :

BNA_M

ClientSampled :

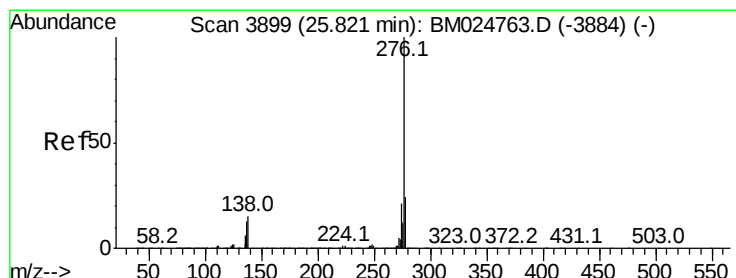
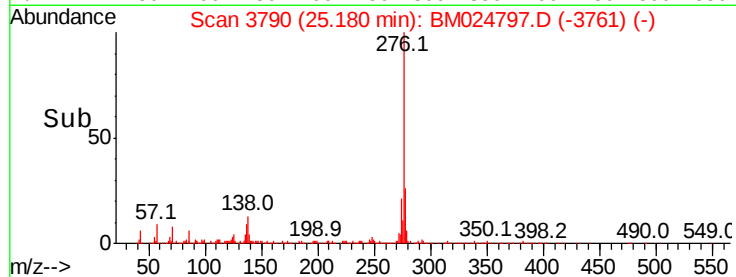
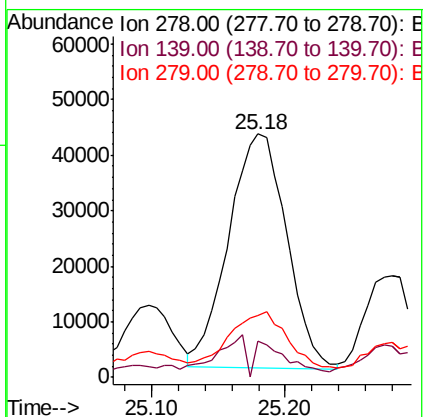
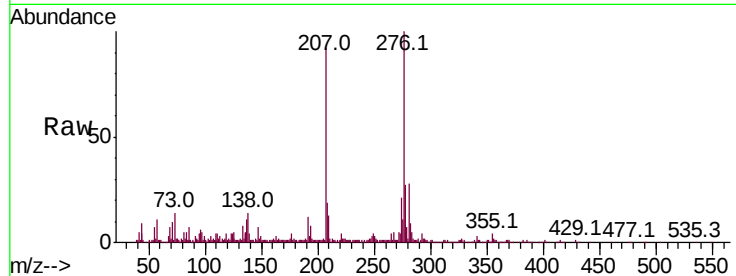
Tot Ion:278 Resp: 127451

Ion Ratio Lower Upper

278 100

139 14.9 8.4 12.6#

279 25.4 18.5 27.7



#94

Benzo(g,h,i)perylene

Concen: 3.064 ng/ul

RT: 25.79 min Scan# 3894

Delta R.T. -0.02 min

Lab File: BM024797.D

Acq: 08 Feb 2020 13:51

Tgt Ion:276 Resp: 340642

Ion Ratio Lower Upper

276 100

138 14.5 11.8 17.6

277 24.2 19.0 28.6

