

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020620\
 Data File : BM024741.D
 Acq On : 06 Feb 2020 23:15
 Operator : CG/JU
 Sample : L1398-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 07 00:50:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 06 16:50:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	297164	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1168467	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	803789	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	1798388	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	1754769	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	1979488	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.02	96	22193	3.59	ng/uL	0.00
5) Phenol-d5	6.60	99	396074	20.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	237609	21.31	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	368813	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	339522	20.38	ng/ul	0.00
19) Nitrobenzene-d5	8.55	128	177607	21.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.26	143	214994	21.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	387638	19.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.31	131	475562	25.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	1282463	21.14	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	1492168	21.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	176641	17.92	ng/ul	0.00
58) Fluorene-d10	15.06	176	1127954	20.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	206206	17.59	ng/ul	0.00
71) Anthracene-d10	16.92	188	1769763	21.56	ng/ul	0.00
79) Pyrene-d10	19.22	212	2100582	23.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	2235984	22.49	ng/ul	0.00

Target Compounds

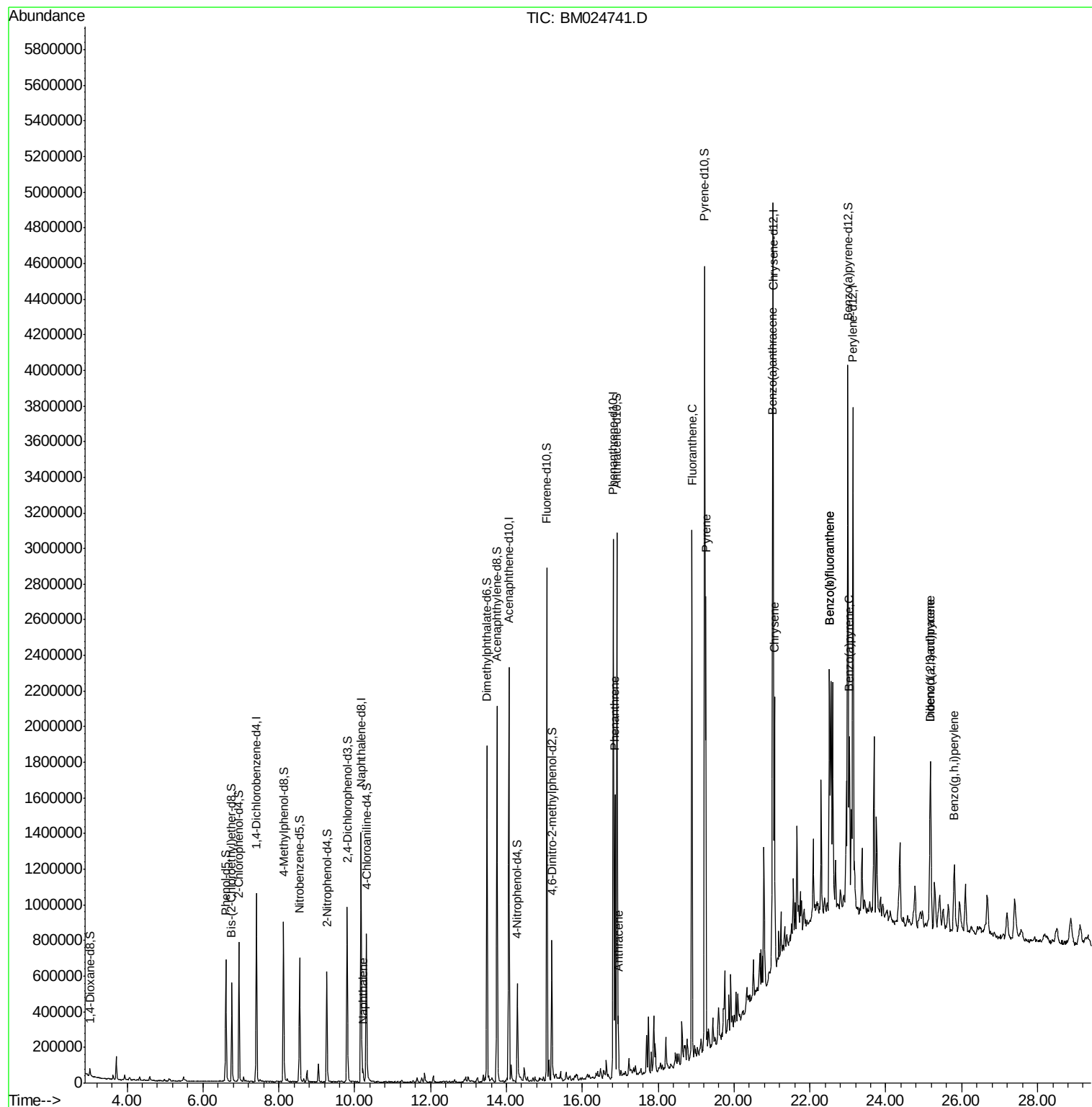
					Ovalue
28) Naphthalene	10.22	128	60163	1.008 ng/ul	98
70) Phenanthrene	16.86	178	911420	9.295 ng/ul	99
72) Anthracene	16.94	178	186886	1.879 ng/ul	99
77) Fluoranthene	18.89	202	1759205	14.614 ng/ul	100
80) Pyrene	19.25	202	1519227	13.080 ng/ul	99
83) Benzo(a)anthracene	21.01	228	890928	7.537 ng/ul	98
85) Chrysene	21.06	228	837092	7.193 ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	1112172	8.836 ng/ul	99
89) Benzo(k)fluoranthene	22.52	252	1112172	9.180 ng/ul	99
91) Benzo(a)pyrene	23.04	252	728588	6.456 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.19	276	512844	3.650 ng/ul	98
93) Dibenzo(a,h)anthracene	25.19	278	147921	1.236 ng/ul#	93
94) Benzo(g,h,i)perylene	25.81	276	468226	4.007 ng/ul	98

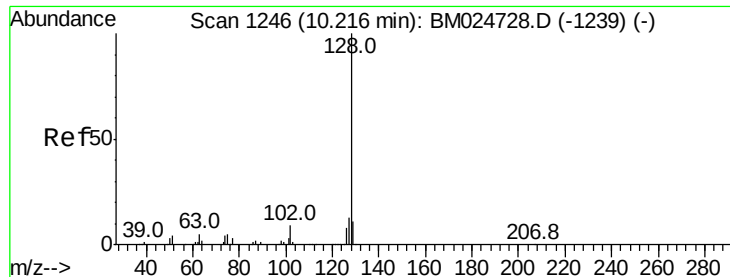
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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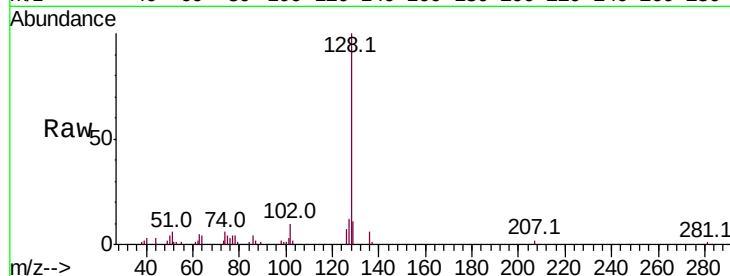




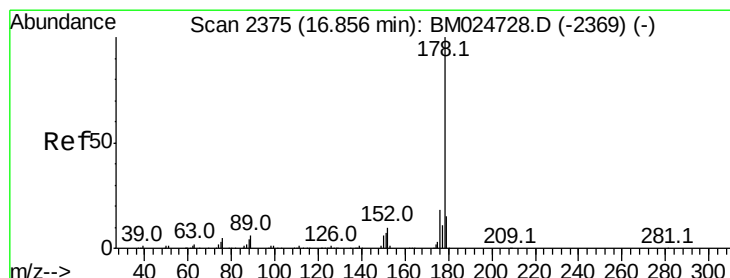
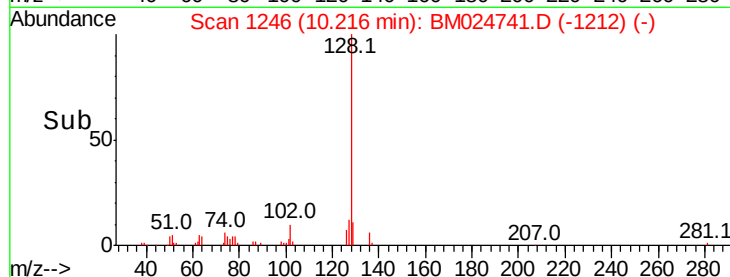
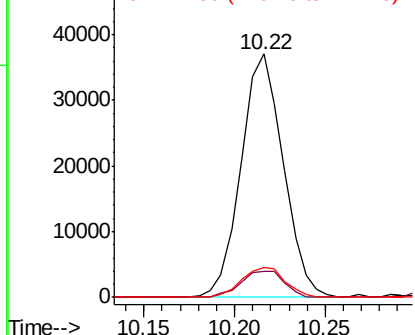
#28
Naphthalene
Concen: 1.008 ng/ul
RT: 10.22 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BM024741.D
Acq: 06 Feb 2020 23:15

Instrument :
BNA_M
ClientSampled :

Tot Ion:128 Resp: 60163
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 12.4 10.4 15.6

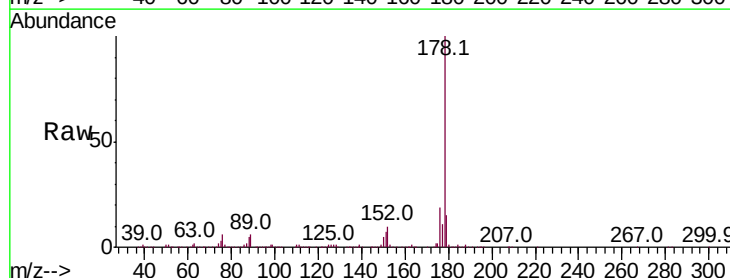


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

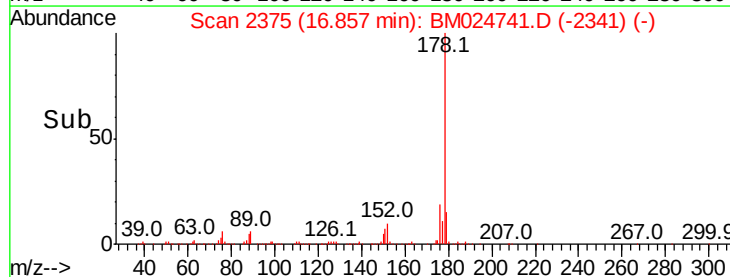
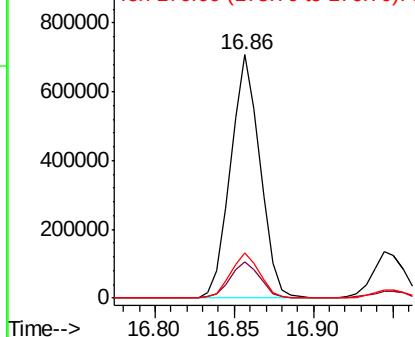


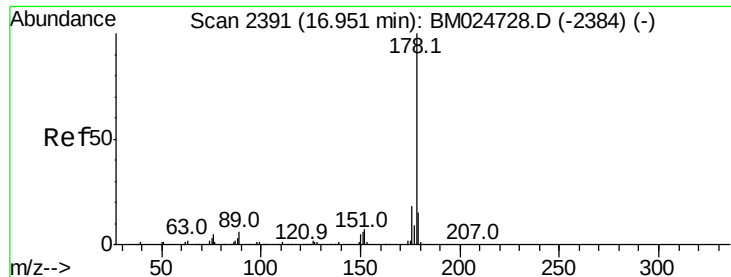
#70
Phenanthrene
Concen: 9.295 ng/ul
RT: 16.86 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM024741.D
Acq: 06 Feb 2020 23:15

Tgt Ion:178 Resp: 911420
Ion Ratio Lower Upper
178 100
179 15.0 12.2 18.2
176 18.7 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: 1.879 ng/ul

RT: 16.94 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM024741.D

Acq: 06 Feb 2020 23:15

Instrument :

BNA_M

ClientSampleId :

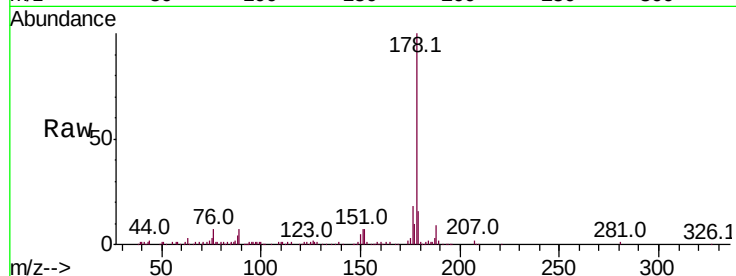
Tot Ion:178 Resp: 186886

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

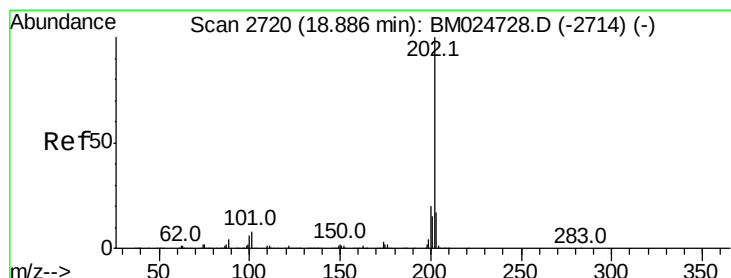
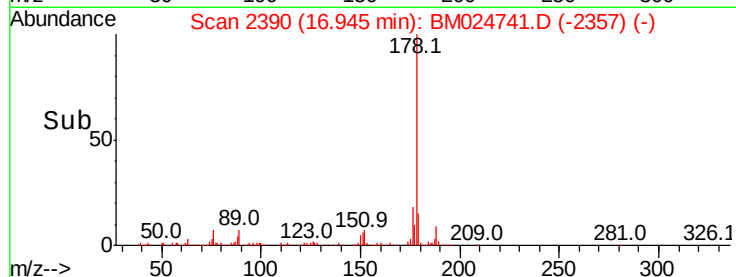
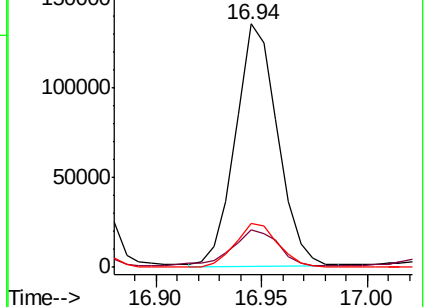
176 18.2 14.1 21.1



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: 14.614 ng/ul

RT: 18.89 min Scan# 2720

Delta R.T. 0.00 min

Lab File: BM024741.D

Acq: 06 Feb 2020 23:15

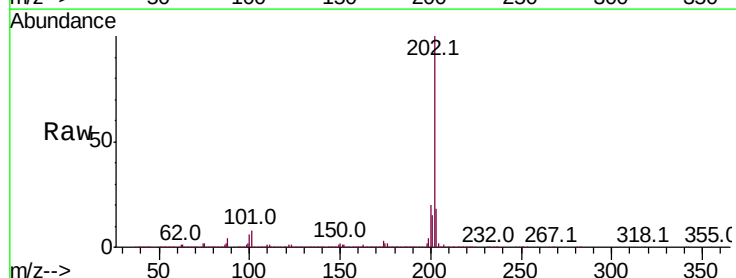
Tgt Ion:202 Resp: 1759205

Ion Ratio Lower Upper

202 100

101 7.7 6.1 9.1

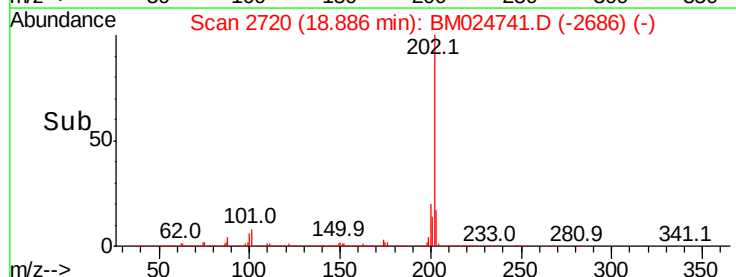
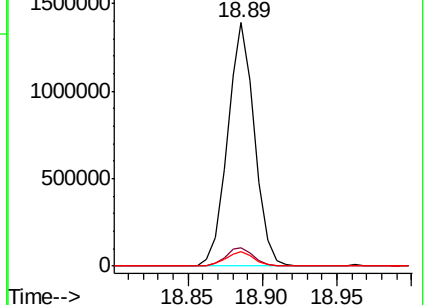
100 6.1 4.8 7.2

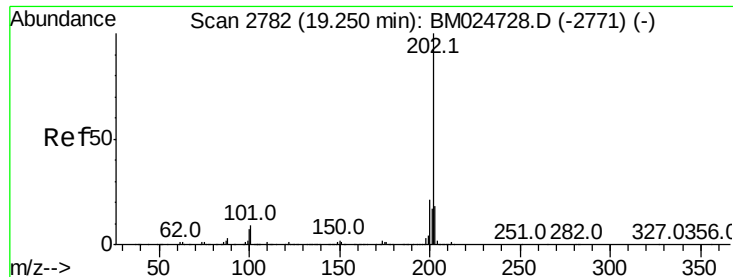


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

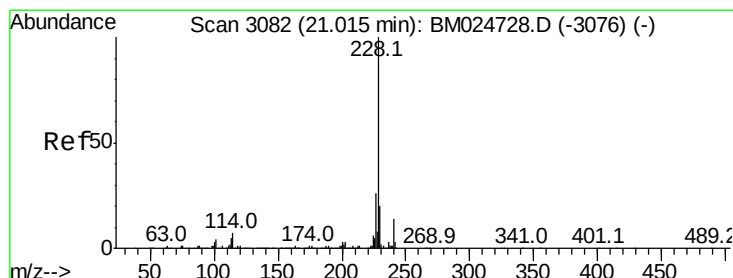
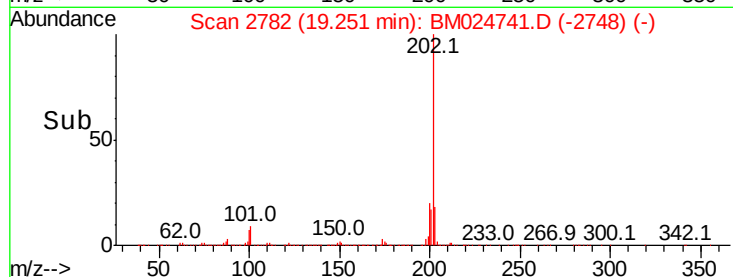
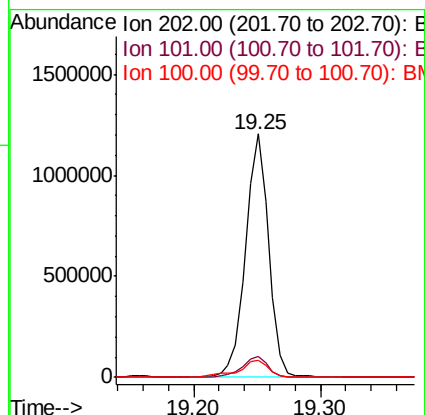
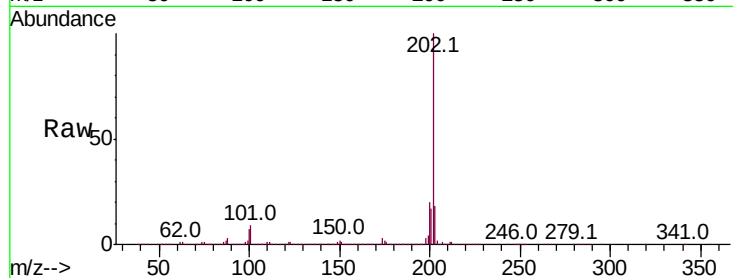




#80
Pvrene
Concen: 13.080 ng/ul
RT: 19.25 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BM024741.D
Acq: 06 Feb 2020 23:15

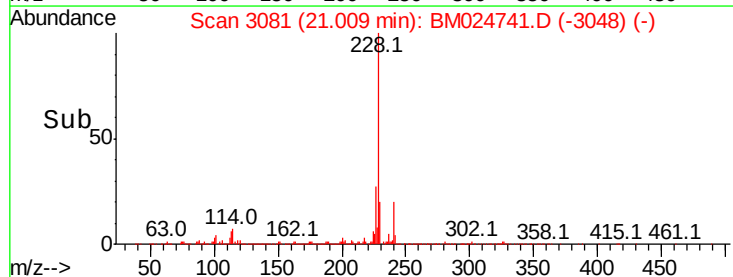
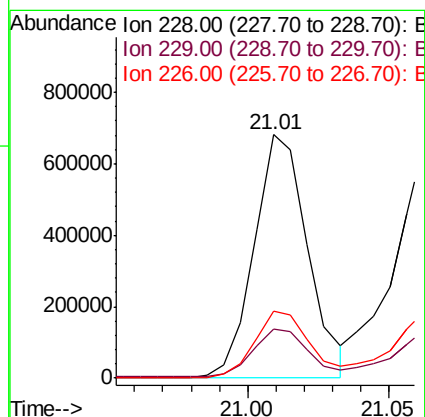
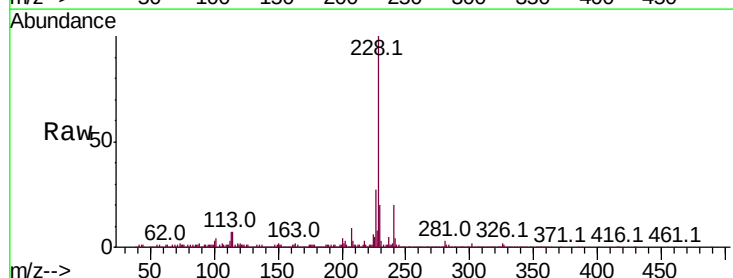
Instrument :
BNA_M
ClientSampleId :

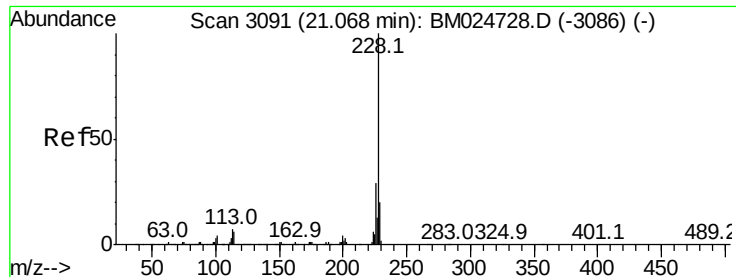
Tot Ion:202 Resp: 1519227
Ion Ratio Lower Upper
202 100
101 8.8 7.0 10.4
100 7.0 5.8 8.8



#83
Benzo(a)anthracene
Concen: 7.537 ng/ul
RT: 21.01 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM024741.D
Acq: 06 Feb 2020 23:15

Tgt Ion:228 Resp: 890928
Ion Ratio Lower Upper
228 100
229 20.4 15.9 23.9
226 27.4 20.8 31.2

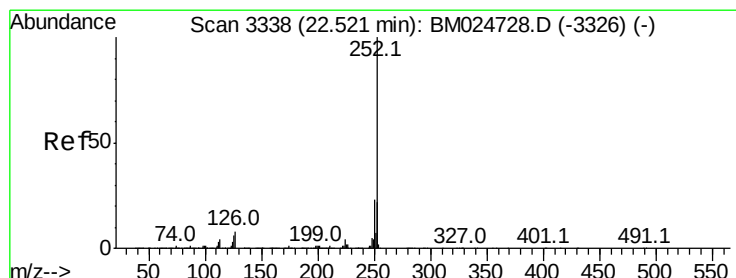
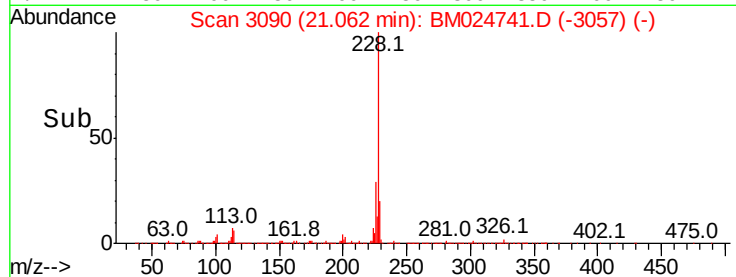
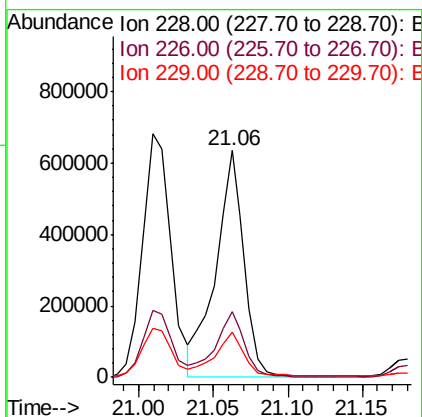
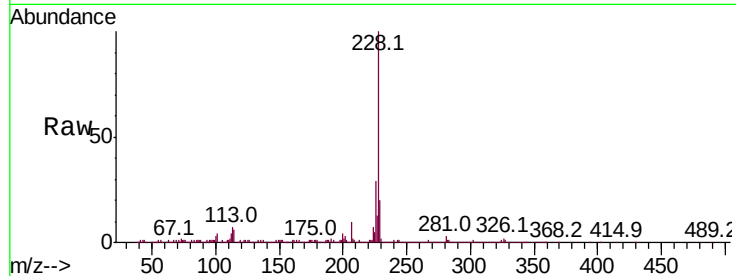




#85
 Chrysene
 Concen: 7.193 ng/ul
 RT: 21.06 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM024741.D
 Acq: 06 Feb 2020 23:15

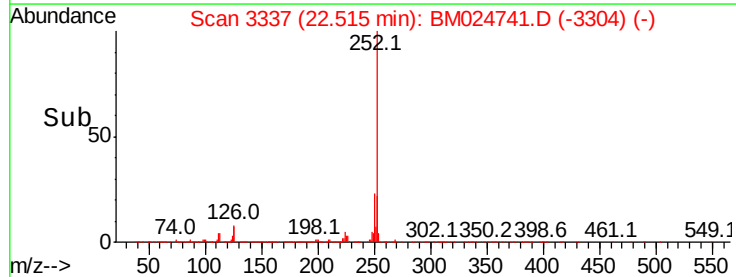
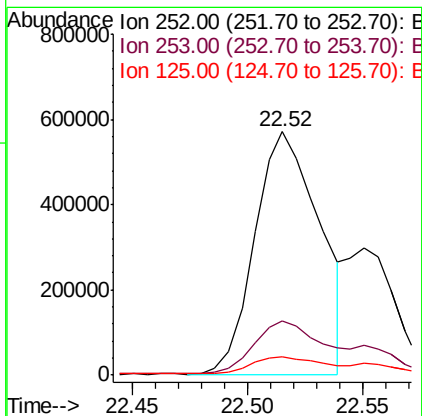
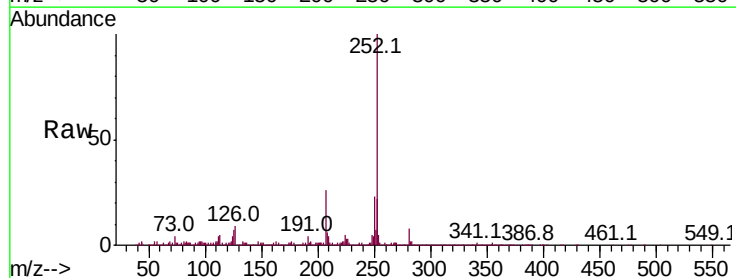
Instrument :
 BNA_M
 ClientSampleId :

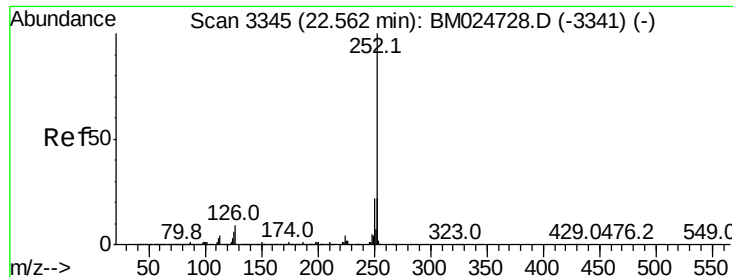
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	20.0	15.8	23.8



#88
 Benzo(b)fluoranthene
 Concen: 8.836 ng/ul
 RT: 22.52 min Scan# 3337
 Delta R.T. -0.01 min
 Lab File: BM024741.D
 Acq: 06 Feb 2020 23:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	7.4	5.1	7.7





#89

Benzo(k)fluoranthene

Concen: 9.180 ng/ul

RT: 22.52 min Scan# 3337

Delta R.T. -0.05 min

Lab File: BM024741.D

Acq: 06 Feb 2020 23:15

Instrument :

BNA_M

ClientSampleId :

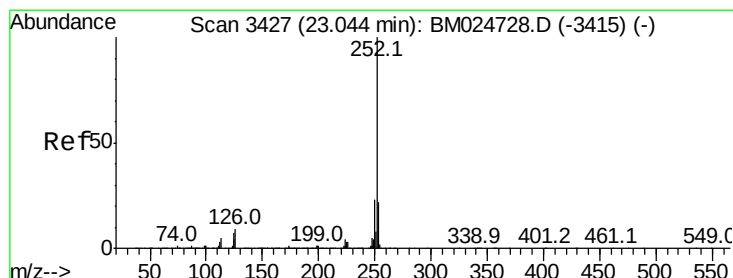
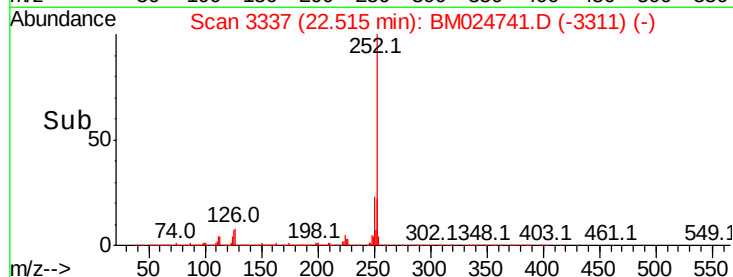
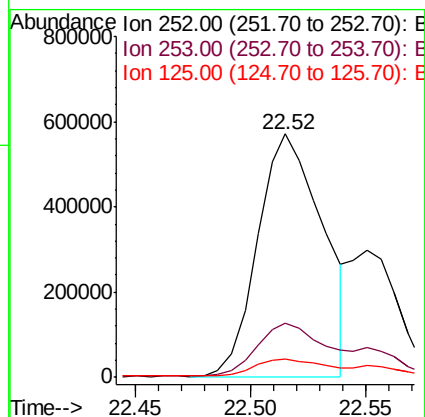
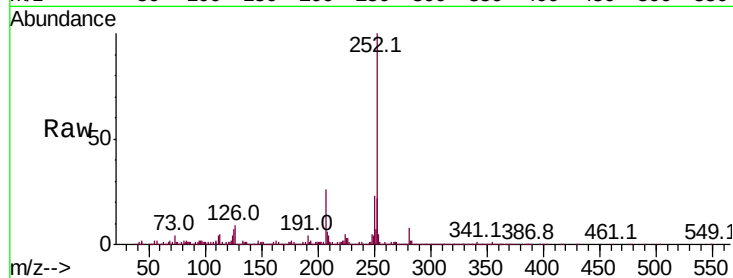
Tot Ion:252 Resp: 1112172

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 7.4 5.1 7.7



#91

Benzo(a)pyrene

Concen: 6.456 ng/ul

RT: 23.04 min Scan# 3426

Delta R.T. -0.01 min

Lab File: BM024741.D

Acq: 06 Feb 2020 23:15

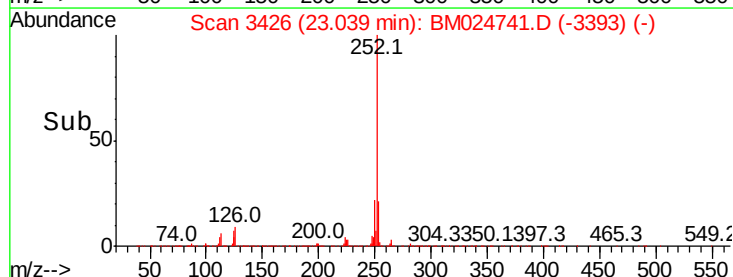
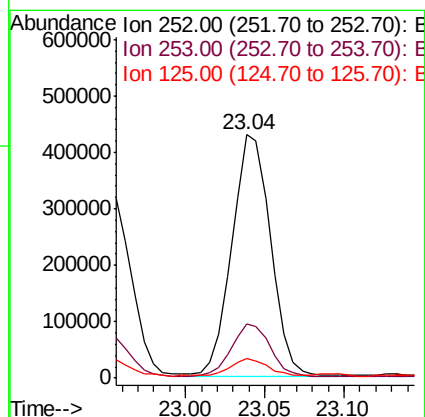
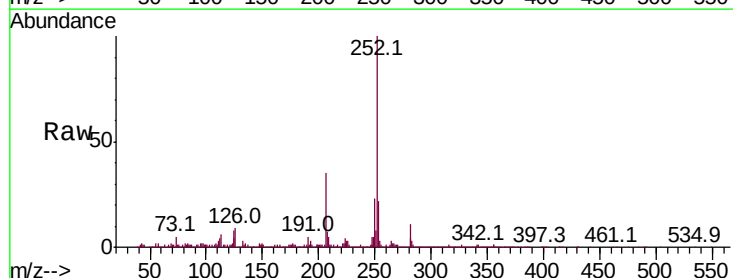
Tgt Ion:252 Resp: 728588

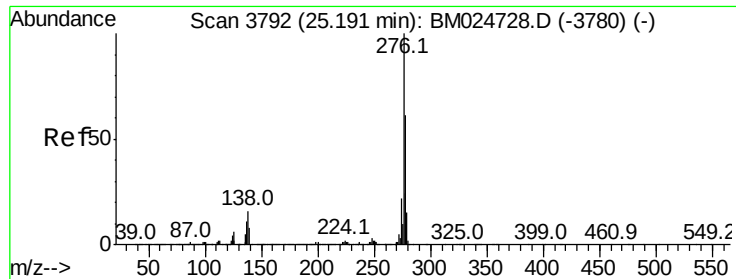
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 7.9 5.6 8.4



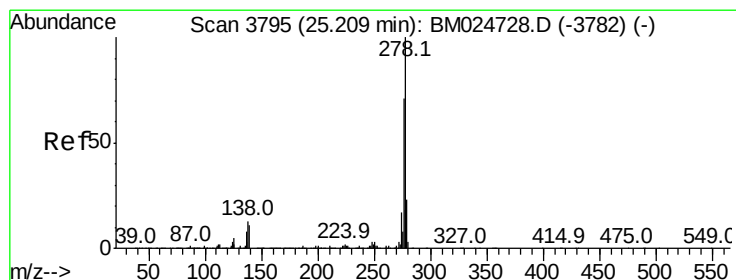
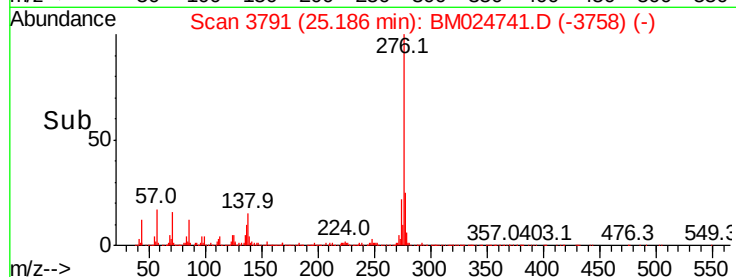
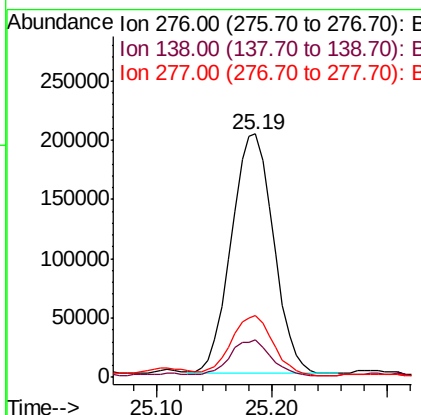
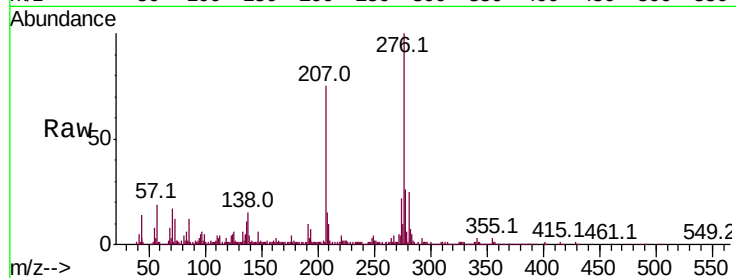


#92

Indeno(1,2,3-cd)pyrene
Concen: 3.650 ng/ul
RT: 25.19 min Scan# 3791
Delta R.T. -0.01 min
Lab File: BM024741.D
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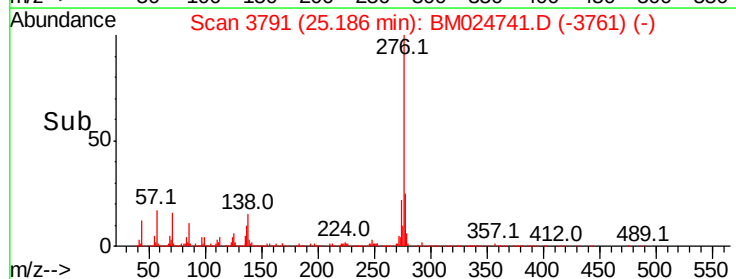
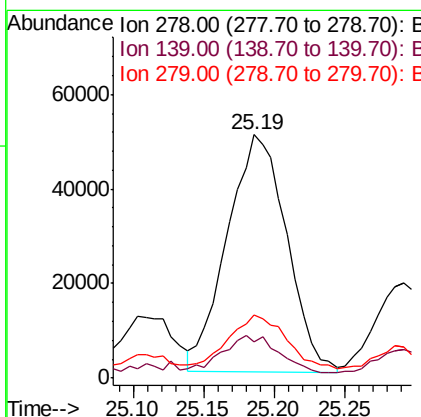
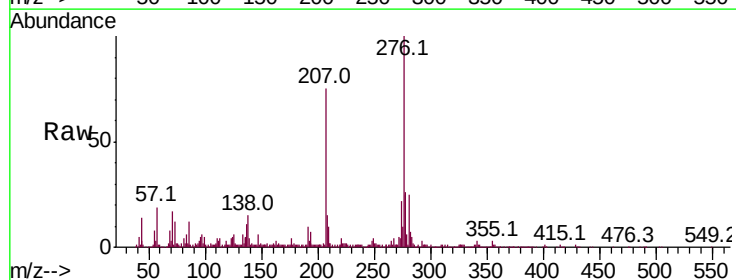
Tot Ion	Ratio	Lower	Upper
276	100		
138	15.3	12.8	19.2
277	25.6	19.3	28.9

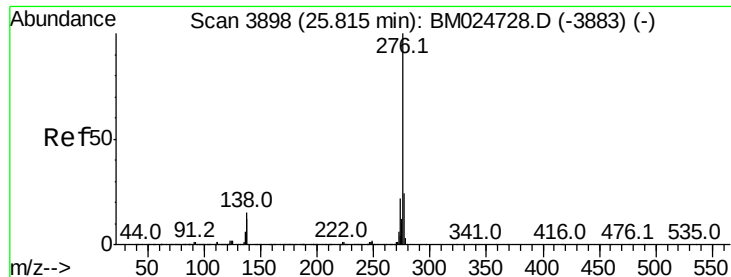


#93

Dibenzo(a,h)anthracene
Concen: 1.236 ng/ul
RT: 25.19 min Scan# 3791
Delta R.T. -0.02 min
Lab File: BM024741.D
Acq: 06 Feb 2020 23:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	8.4	12.6#
279	25.8	18.5	27.7





#94

Benzo(a,h,i)perylene

Concen: 4.007 ng/ul

RT: 25.81 min Scan# 3897

Delta R.T. -0.01 min

Lab File: BM024741.D

Acq: 06 Feb 2020 23:15

Instrument :

BNA_M

ClientSampleId :

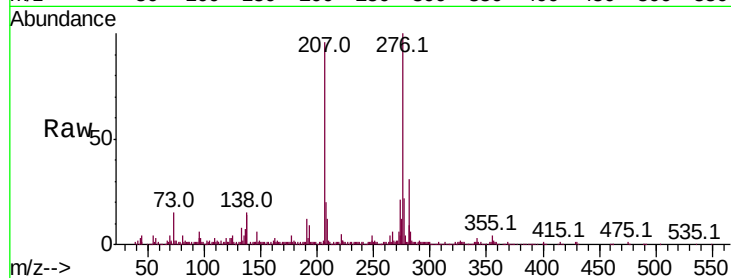
Tot Ion:276 Resp: 468226

Ion Ratio Lower Upper

276 100

138 14.8 11.8 17.6

277 22.2 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

