

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021521\
 Data File : BM028735.D
 Acq On : 15 Feb 2021 11:49
 Operator : CG/JU
 Sample : M1326-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X2Z62

Quant Time: Feb 15 12:28:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM021221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 15 11:26:28 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	395	0.40	ng/ul	0.00
4) Naphthalene-d8	10.70	136	1636	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.54	164	926	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.28	188	1985	0.40	ng/ul	0.00
17) Chrysene-d12	21.43	240	1887	0.40	ng/ul	0.00
23) Perylene-d12	23.66	264	1774	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.21	96	162	0.35	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.29	152	597	0.24	ng/ul	0.00
18) Fluoranthene-d10	19.29	212	1763	0.32	ng/ul	0.00

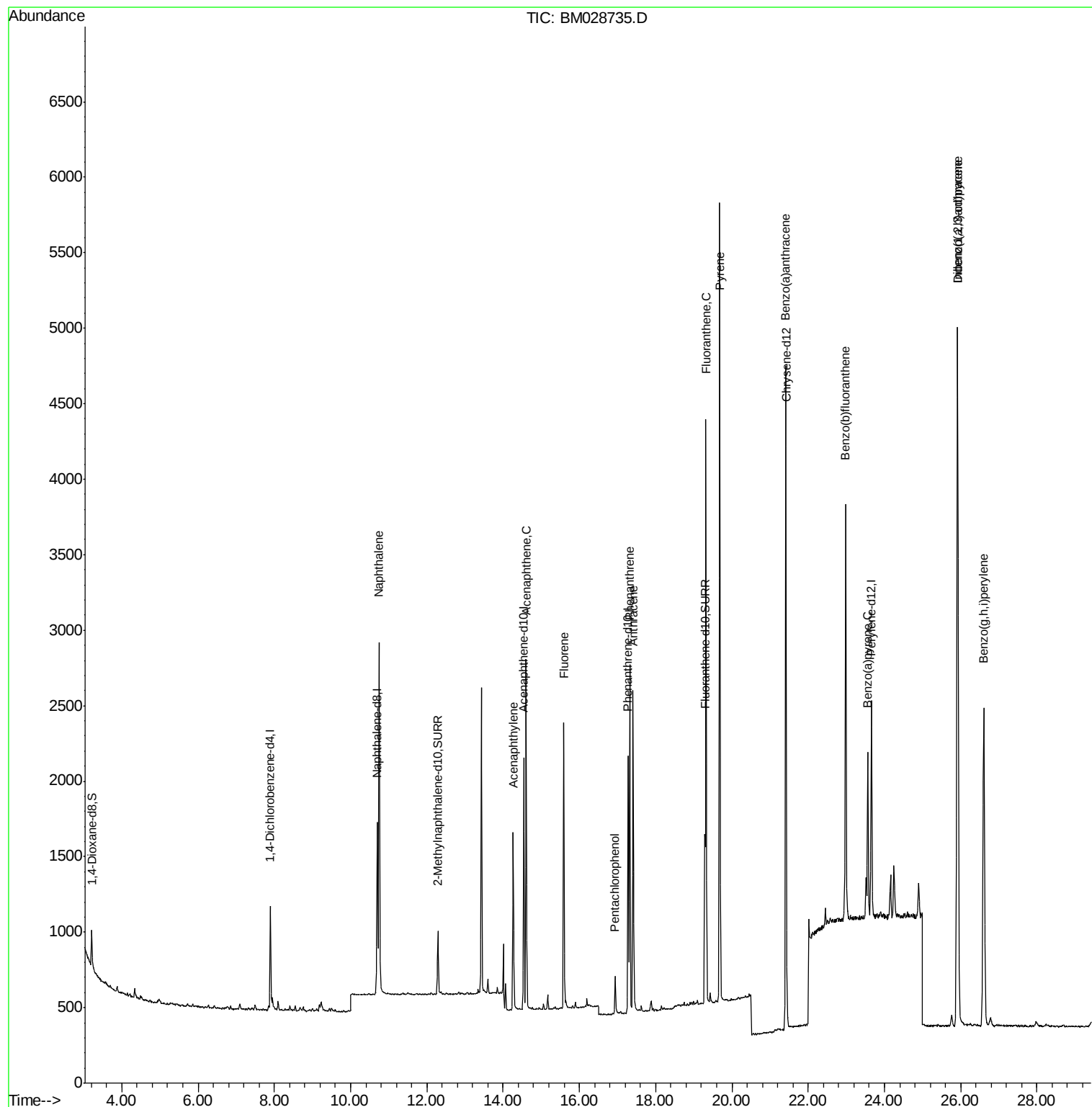
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Naphthalene	10.75	128	3271	0.722	ng/ul	96
10) Acenaphthylene	14.27	152	1408	0.342	ng/ul	99
11) Acenaphthene	14.60	153	1328	0.411	ng/ul	100
12) Fluorene	15.59	166	1248	0.340	ng/ul	99
14) Pentachlorophenol	16.94	266	198	0.364	ng/ul	98
15) Phenanthrene	17.32	178	2433	0.401	ng/ul	100
16) Anthracene	17.41	178	2398	0.428	ng/ul	99
19) Fluoranthene	19.32	202	3190	0.453	ng/ul	99
20) Pyrene	19.68	202	4310	0.598	ng/ul	100
21) Benzo(a)anthracene	21.41	228	3291	0.490	ng/ul	99
24) Benzo(b)fluoranthene	22.98	252	3318	0.474	ng/ul	98
26) Benzo(a)pyrene	23.56	252	1570	0.261	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.91	276	4881	0.614	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.92	278	3855	0.580	ng/ul	94
29) Benzo(a,h,i)perylene	26.61	276	4281	0.639	ng/ul	95

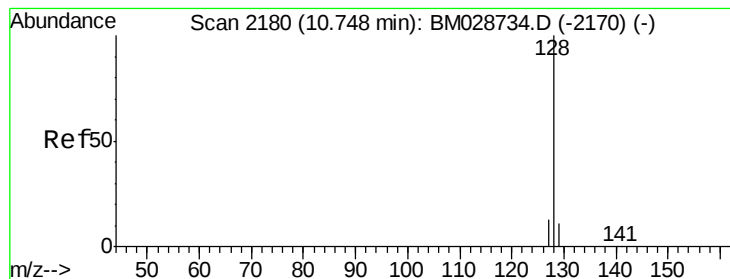
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.722 ng/ul

RT: 10.75 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BM028735.D

Acq: 15 Feb 2021 11:49

Instrument :

BNA_M

ClientSampleId :

X2Z62

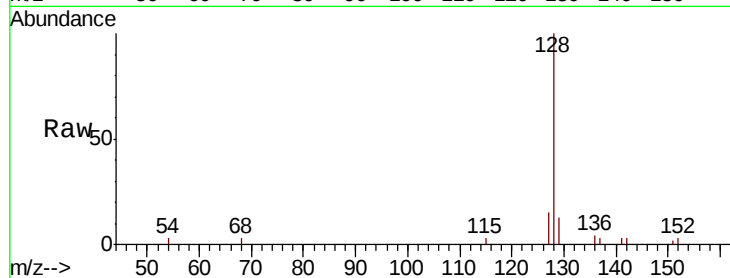
Tot Ion:128 Resp: 3271

Ion Ratio Lower Upper

128 100

129 13.2 11.8 17.6

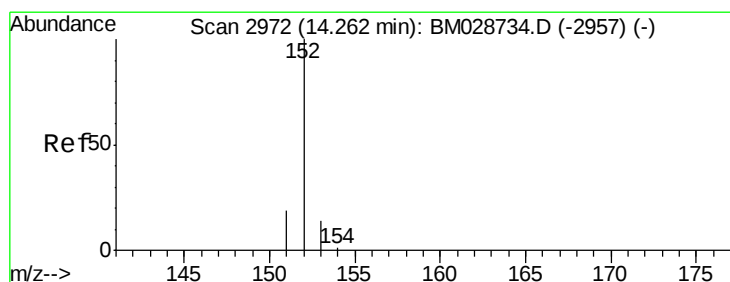
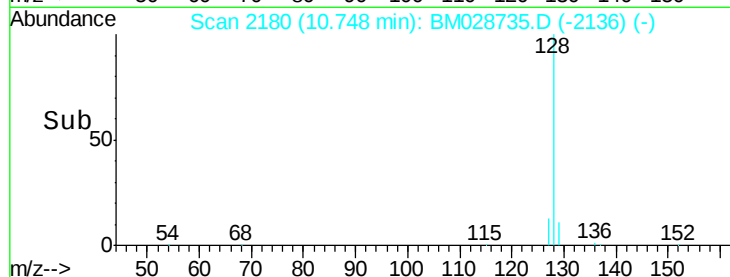
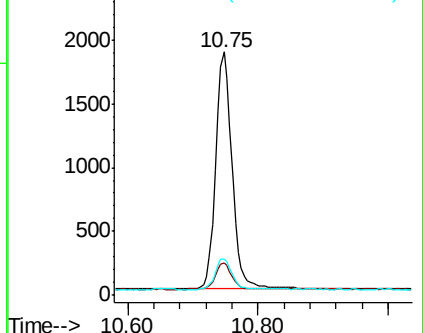
127 15.1 13.3 19.9



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



#10

Acenaphthylene

Concen: 0.342 ng/ul

RT: 14.27 min Scan# 2973

Delta R.T. 0.00 min

Lab File: BM028735.D

Acq: 15 Feb 2021 11:49

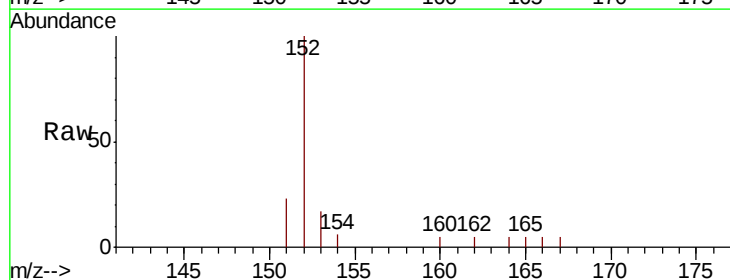
Tgt Ion:152 Resp: 1408

Ion Ratio Lower Upper

152 100

151 23.3 18.6 28.0

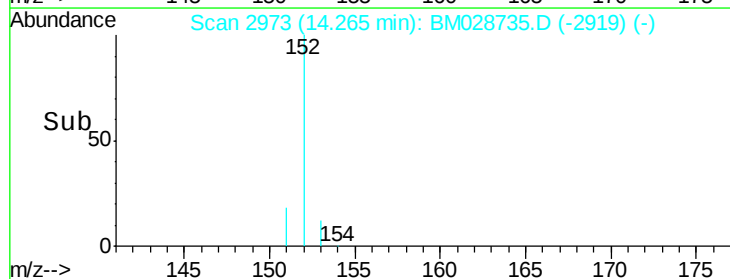
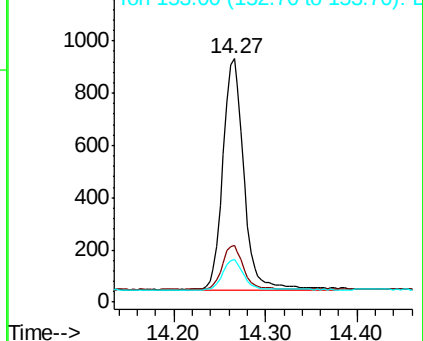
153 17.5 13.5 20.3

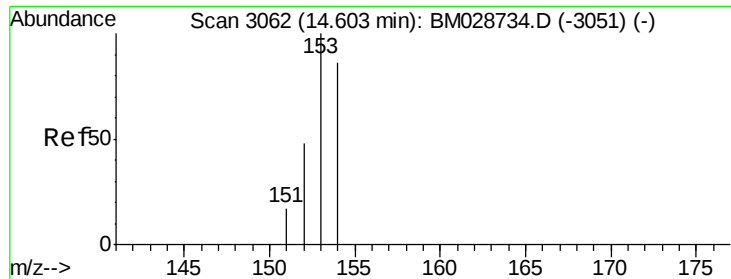


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#11

Acenaphthene

Concen: 0.411 ng/ul

RT: 14.60 min Scan# 3062

Delta R.T. -0.00 min

Lab File: BM028735.D

Acq: 15 Feb 2021 11:49

Instrument :

BNA_M

ClientSampleId :

X2Z62

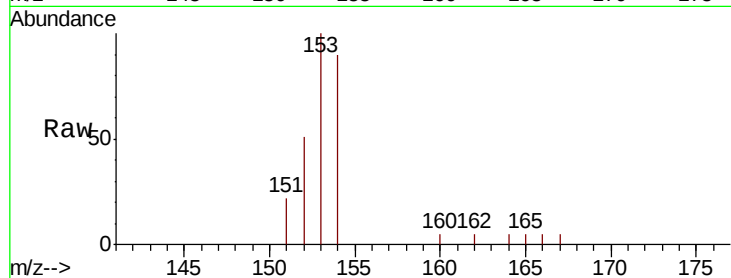
Tot Ion:153 Resp: 1328

Ion Ratio Lower Upper

153 100

152 50.6 40.7 61.1

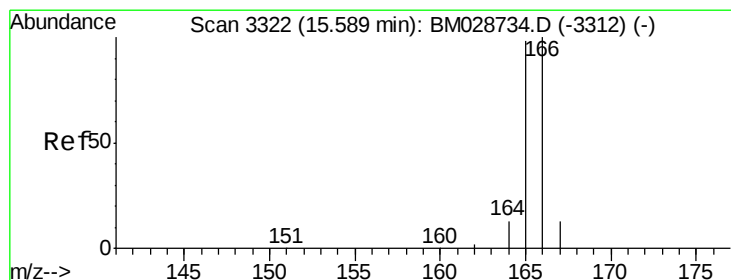
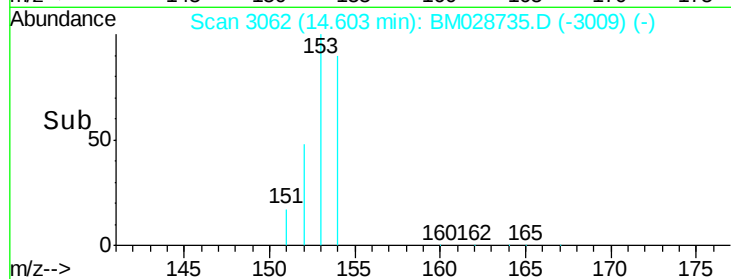
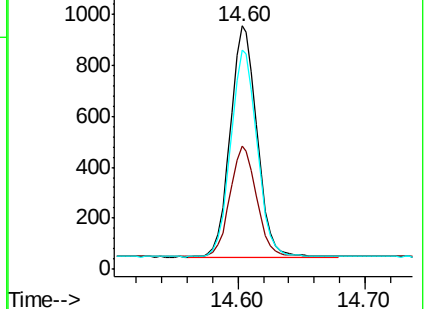
154 90.3 72.3 108.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#12

Fluorene

Concen: 0.340 ng/ul

RT: 15.59 min Scan# 3322

Delta R.T. -0.00 min

Lab File: BM028735.D

Acq: 15 Feb 2021 11:49

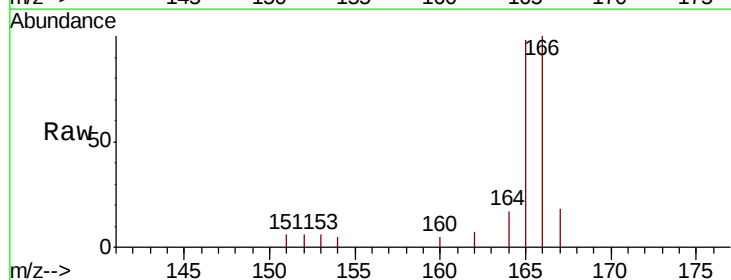
Tgt Ion:166 Resp: 1248

Ion Ratio Lower Upper

166 100

165 97.9 77.7 116.5

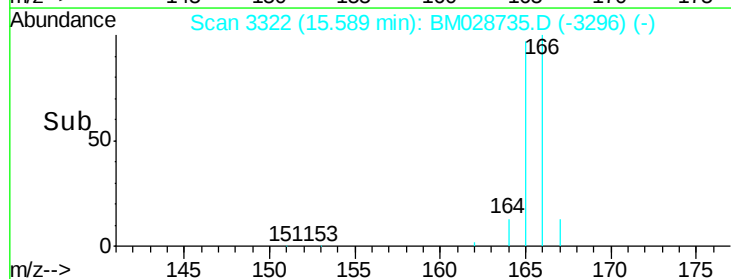
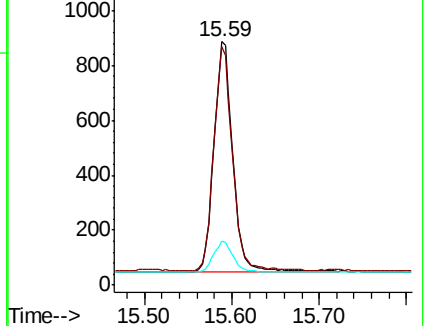
167 18.0 13.4 20.2

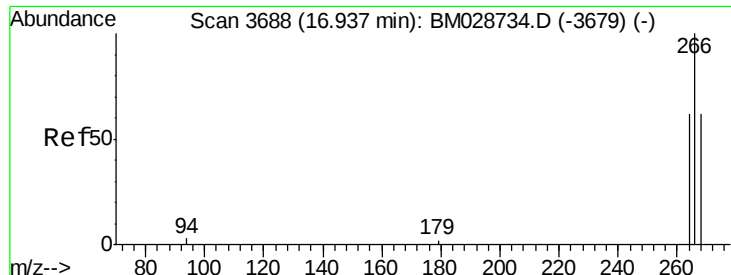


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

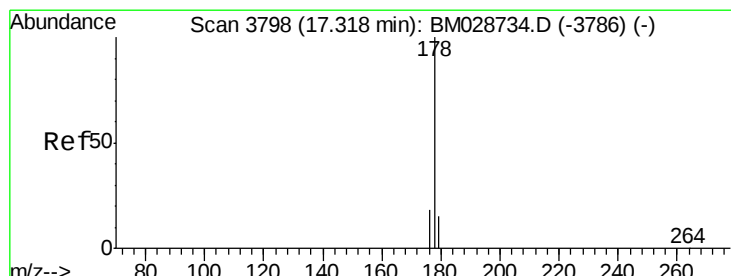
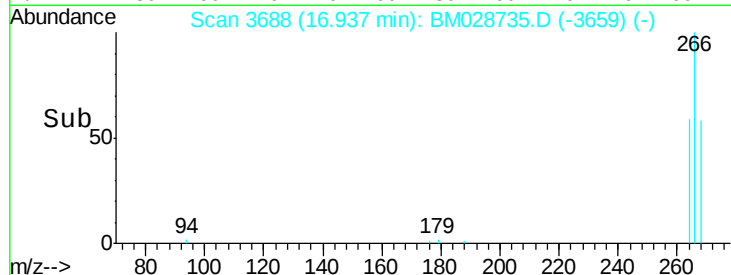
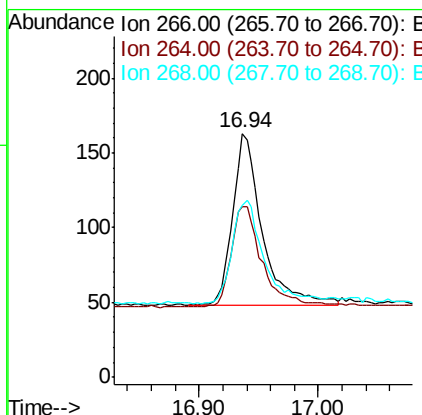
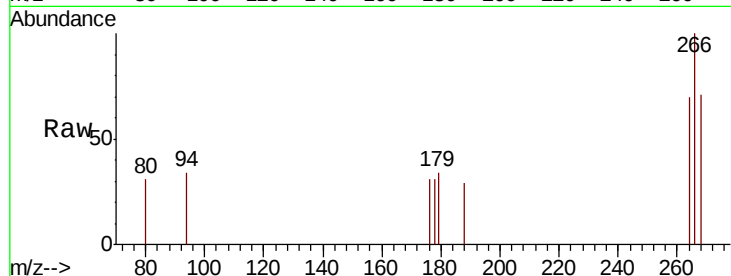




#14
 Pentachlorophenol
 Concen: 0.364 ng/ul
 RT: 16.94 min Scan# 3688
 Delta R.T. -0.00 min
 Lab File: BM028735.D
 Acq: 15 Feb 2021 11:49

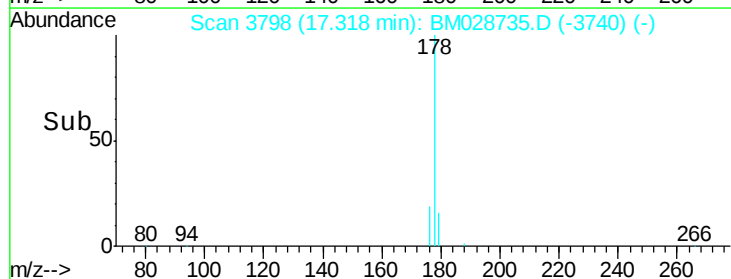
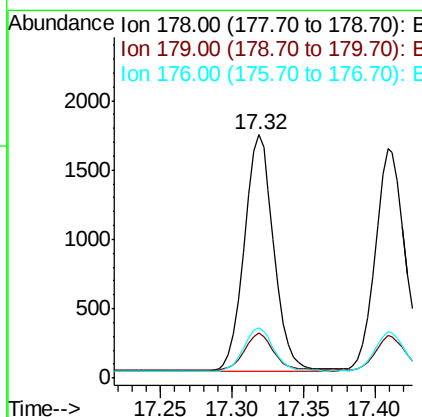
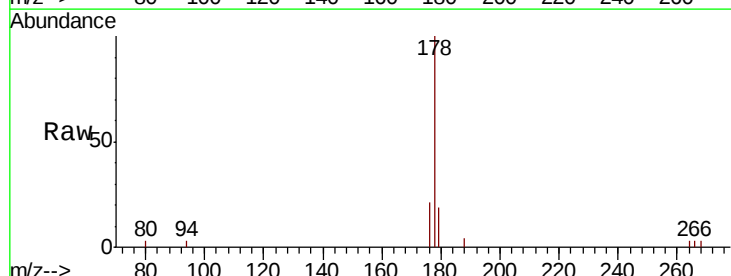
Instrument :
 BNA_M
 ClientSampled :
 X2Z62

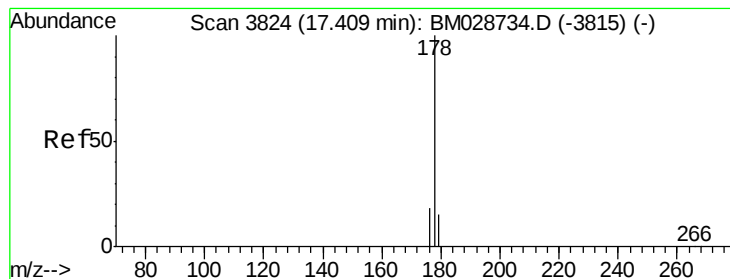
Tot Ion:266 Resp: 198
 Ion Ratio Lower Upper
 266 100
 264 66.7 51.6 77.4
 268 65.7 51.6 77.4



#15
 Phenanthrene
 Concen: 0.401 ng/ul
 RT: 17.32 min Scan# 3798
 Delta R.T. -0.00 min
 Lab File: BM028735.D
 Acq: 15 Feb 2021 11:49

Tgt Ion:178 Resp: 2433
 Ion Ratio Lower Upper
 178 100
 179 18.5 14.7 22.1
 176 20.9 16.9 25.3





#16

Anthracene

Concen: 0.428 ng/ul

RT: 17.41 min Scan# 3824

Delta R.T. -0.00 min

Lab File: BM028735.D

Acq: 15 Feb 2021 11:49

Instrument :

BNA_M

ClientSampleId :

X2Z62

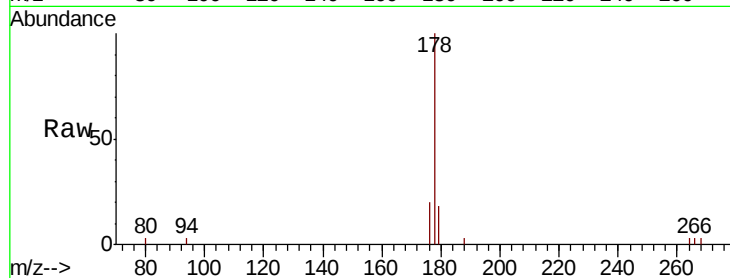
Tot Ion:178 Resp: 2398

Ion Ratio Lower Upper

178 100

179 18.4 14.7 22.1

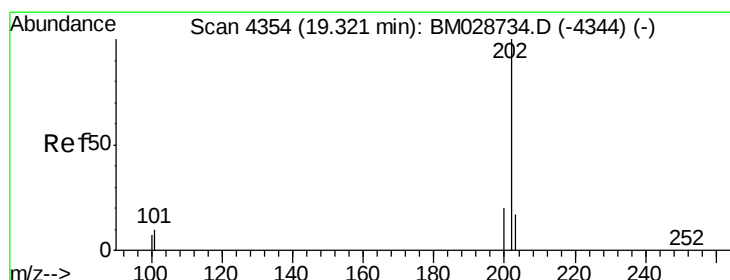
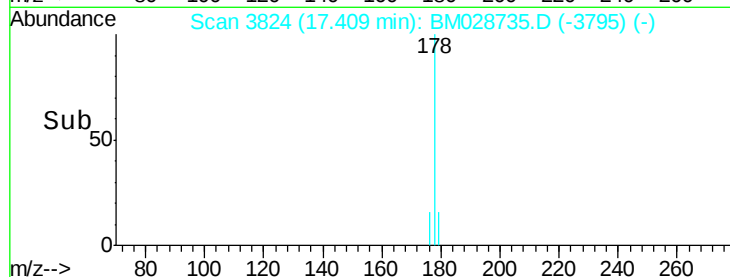
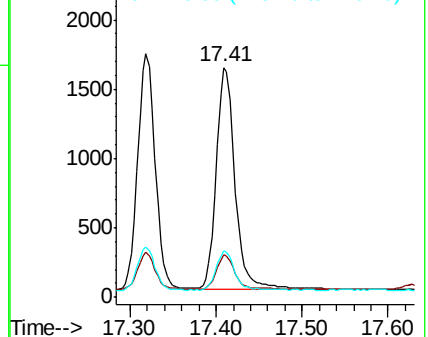
176 20.2 16.6 25.0



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



#19

Fluoranthene

Concen: 0.453 ng/ul

RT: 19.32 min Scan# 4354

Delta R.T. -0.00 min

Lab File: BM028735.D

Acq: 15 Feb 2021 11:49

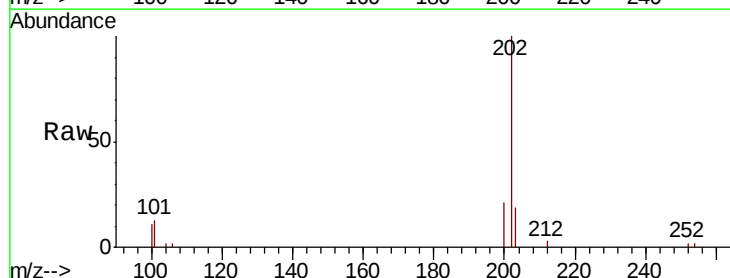
Tgt Ion:202 Resp: 3190

Ion Ratio Lower Upper

202 100

101 12.9 10.6 16.0

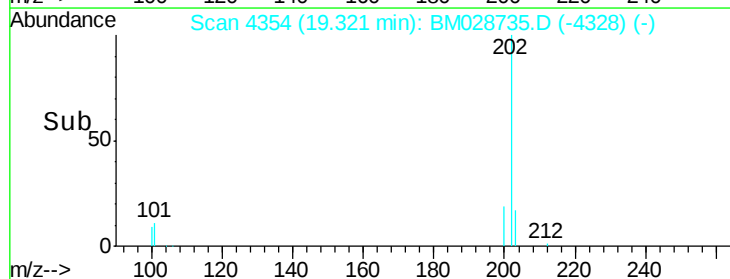
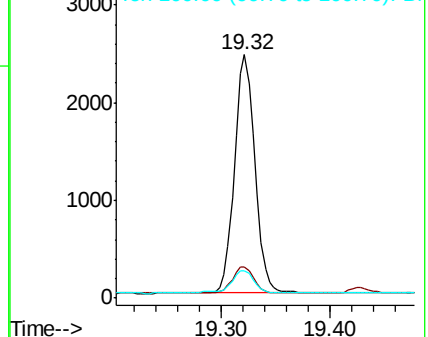
100 11.2 8.6 13.0

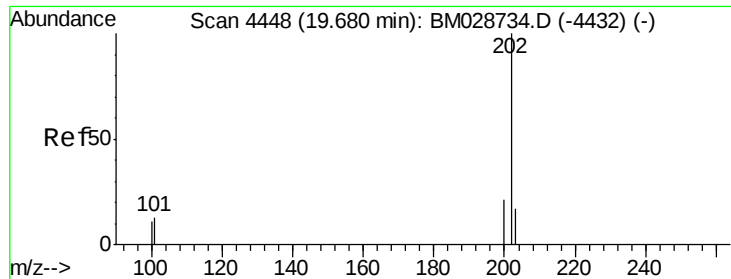


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Pvrene

Concen: 0.598 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. -0.00 min

Lab File: BM028735.D

Acq: 15 Feb 2021 11:49

Instrument :

BNA_M

ClientSampleId :

X2Z62

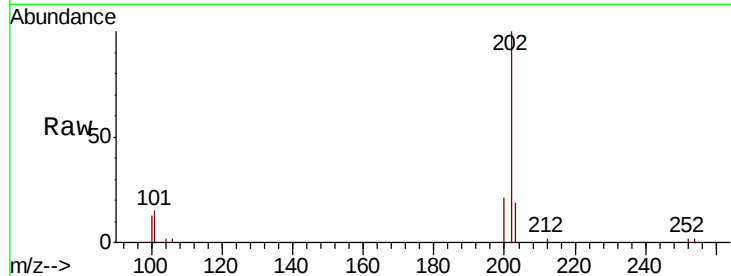
Tot Ion:202 Resp: 4310

Ion Ratio Lower Upper

202 100

101 15.1 12.3 18.5

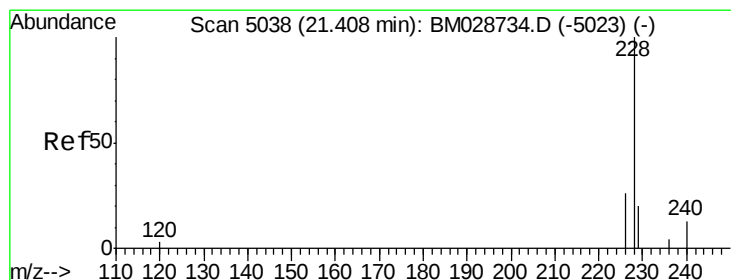
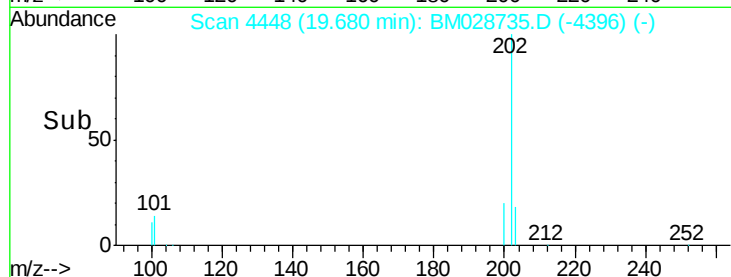
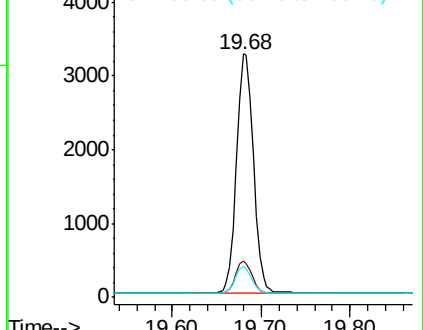
100 12.7 10.2 15.2



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



#21

Benzo(a)anthracene

Concen: 0.490 ng/ul

RT: 21.41 min Scan# 5038

Delta R.T. -0.00 min

Lab File: BM028735.D

Acq: 15 Feb 2021 11:49

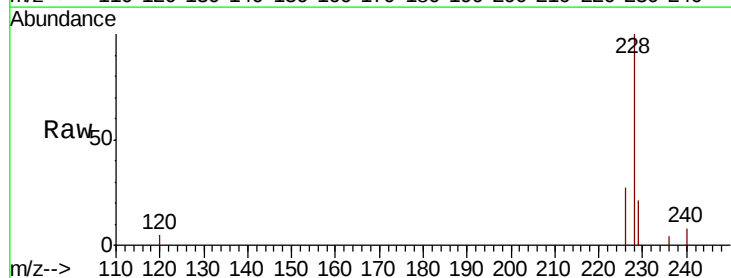
Tgt Ion:228 Resp: 3291

Ion Ratio Lower Upper

228 100

229 21.0 17.4 26.0

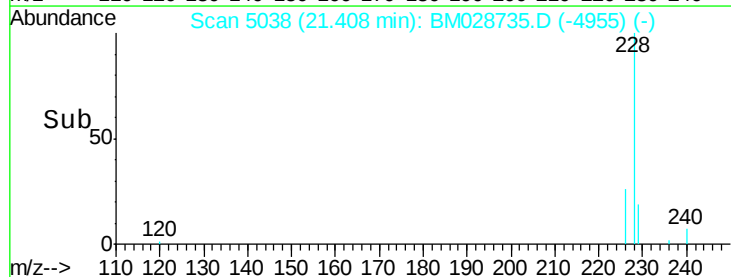
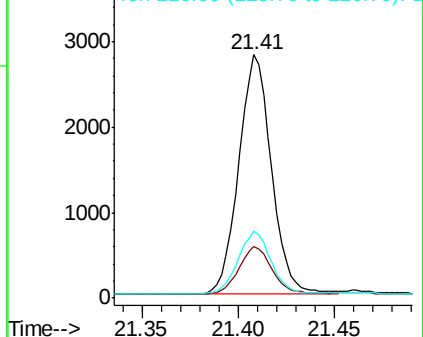
226 27.4 22.1 33.1

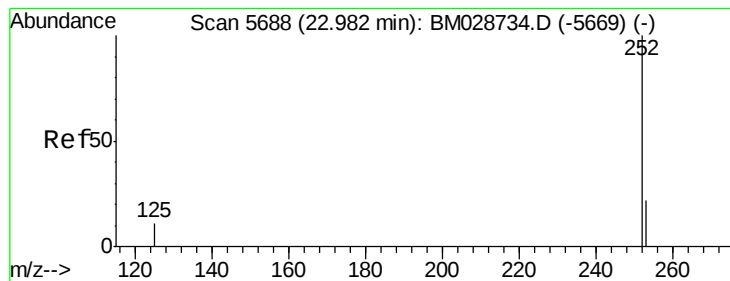


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#24

Benzo(b)fluoranthene

Concen: 0.474 ng/ul

RT: 22.98 min Scan# 5689

Delta R.T. 0.00 min

Lab File: BM028735.D

Acq: 15 Feb 2021 11:49

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X2Z62

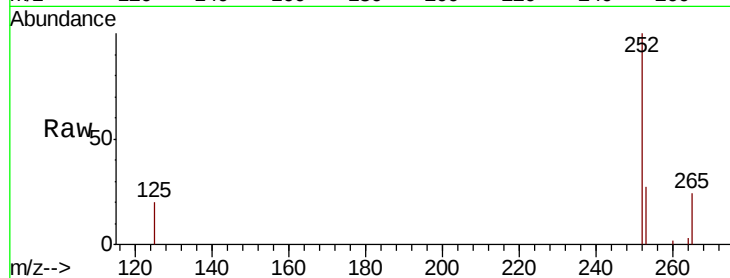
Tot Ion:252 Resp: 3318

Ion Ratio Lower Upper

252 100

253 26.6 0.0 57.2

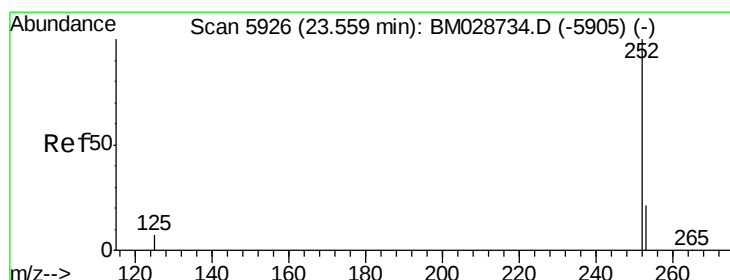
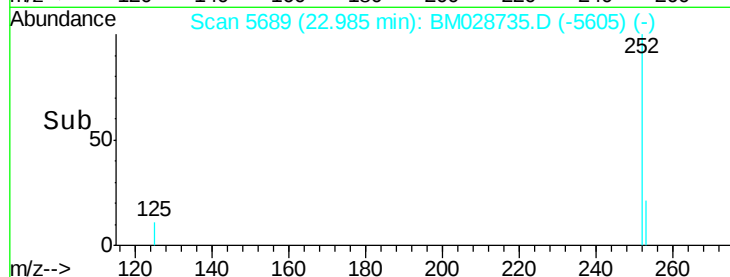
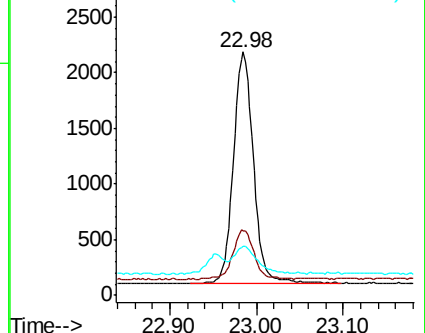
125 20.0 0.0 40.6



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



#26

Benzo(a)pyrene

Concen: 0.261 ng/ul

RT: 23.56 min Scan# 5927

Delta R.T. 0.00 min

Lab File: BM028735.D

Acq: 15 Feb 2021 11:49

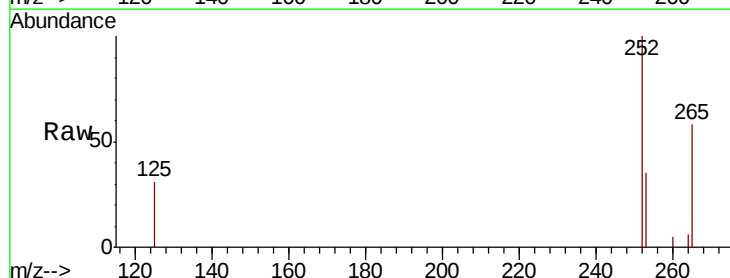
Tgt Ion:252 Resp: 1570

Ion Ratio Lower Upper

252 100

253 35.3 25.0 37.6

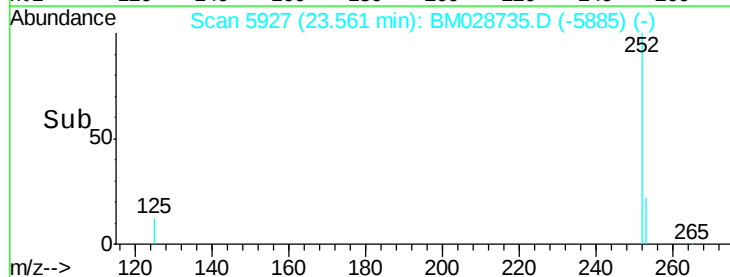
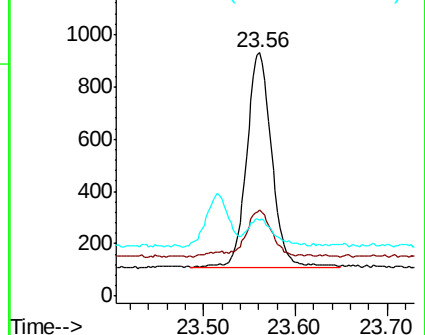
125 31.0 19.7 29.5#

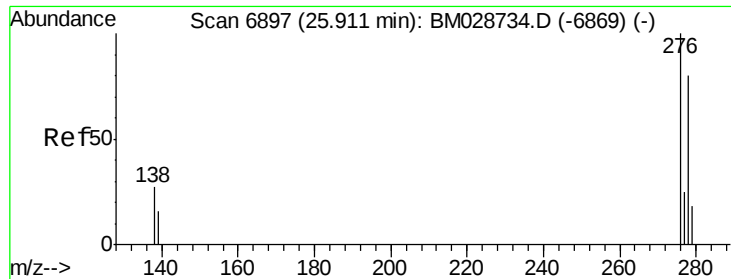


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

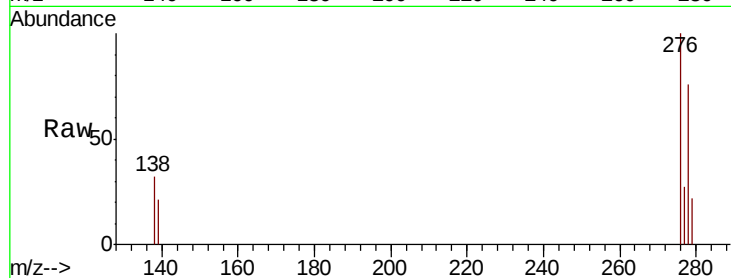




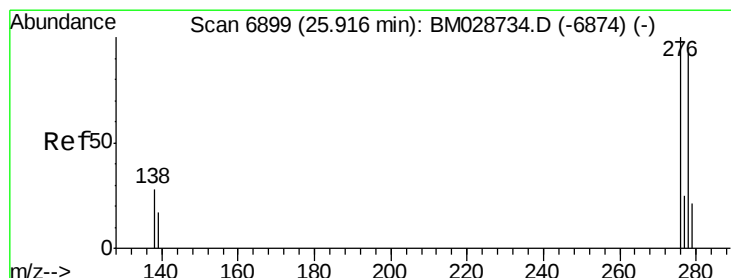
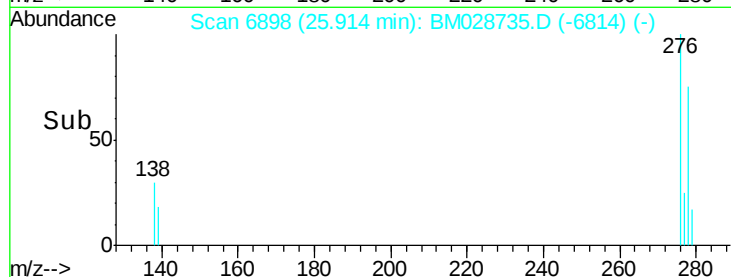
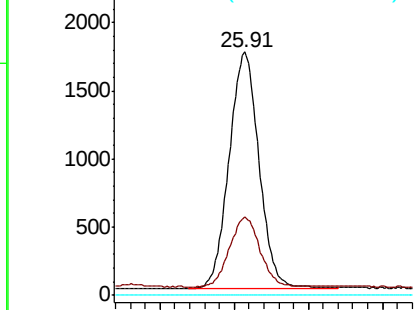
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.614 ng/ul
RT: 25.91 min Scan# 6898
Delta R.T. 0.00 min
Lab File: BM028735.D
Acq: 15 Feb 2021 11:49

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Tot Ion:276 Resp: 4881
Ion Ratio Lower Upper
276 100
138 30.4 22.8 34.2
227 0.0 0.0 0.0

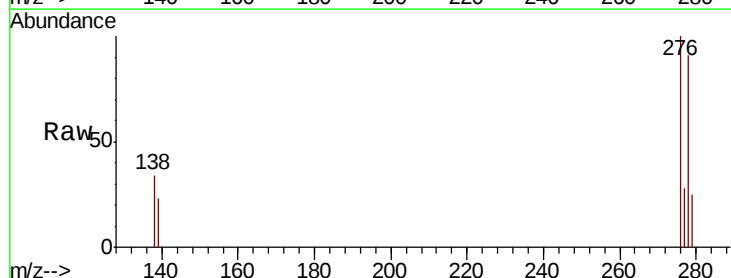


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

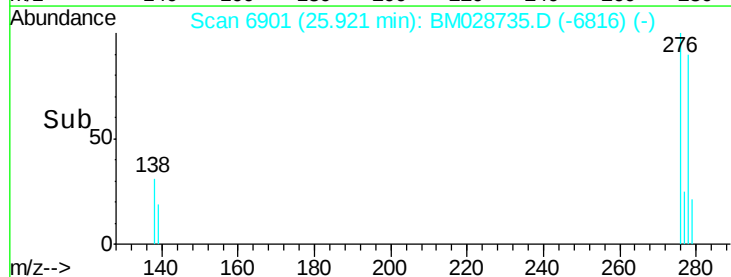
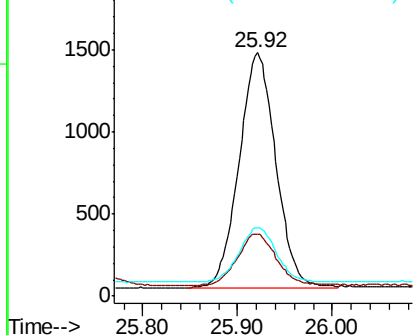


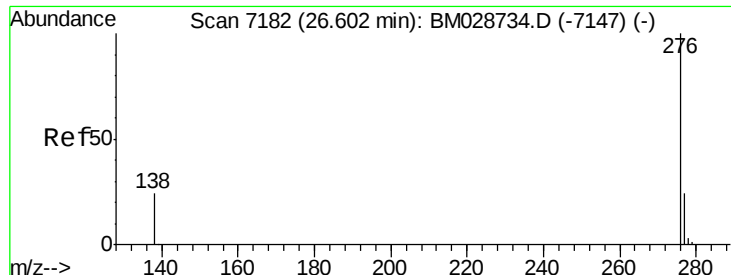
#28
Dibenzo(a,h)anthracene
Concen: 0.580 ng/ul
RT: 25.92 min Scan# 6901
Delta R.T. 0.00 min
Lab File: BM028735.D
Acq: 15 Feb 2021 11:49

Tgt Ion:278 Resp: 3855
Ion Ratio Lower Upper
278 100
139 25.4 18.9 28.3
279 28.1 26.1 39.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#29

Benzo(a,h,i)perylene

Concen: 0.639 ng/ul

RT: 26.61 min Scan# 7184

Delta R.T. 0.00 min

Lab File: BM028735.D

Acq: 15 Feb 2021 11:49

Instrument :

BNA_M

ClientSampleId :

X2Z62

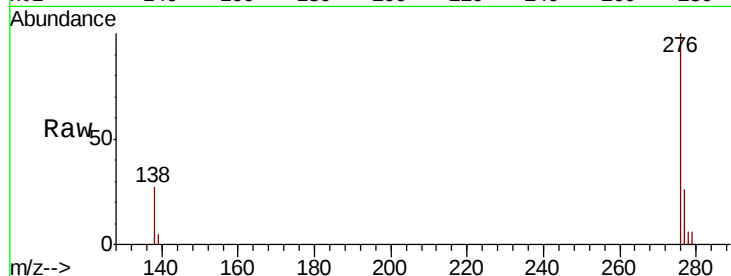
Tot Ion: 276 Resp: 4281

Ion Ratio Lower Upper

276 100

138 27.4 23.8 35.8

277 26.2 23.1 34.7



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

