

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080219\
 Data File : BM021774.D
 Acq On : 03 Aug 2019 04:08
 Operator : HP/JU
 Sample : MDL-W-05
 Misc : 0.07PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 03 06:34:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 03 05:33:59 2019
 Response via : Initial Calibration

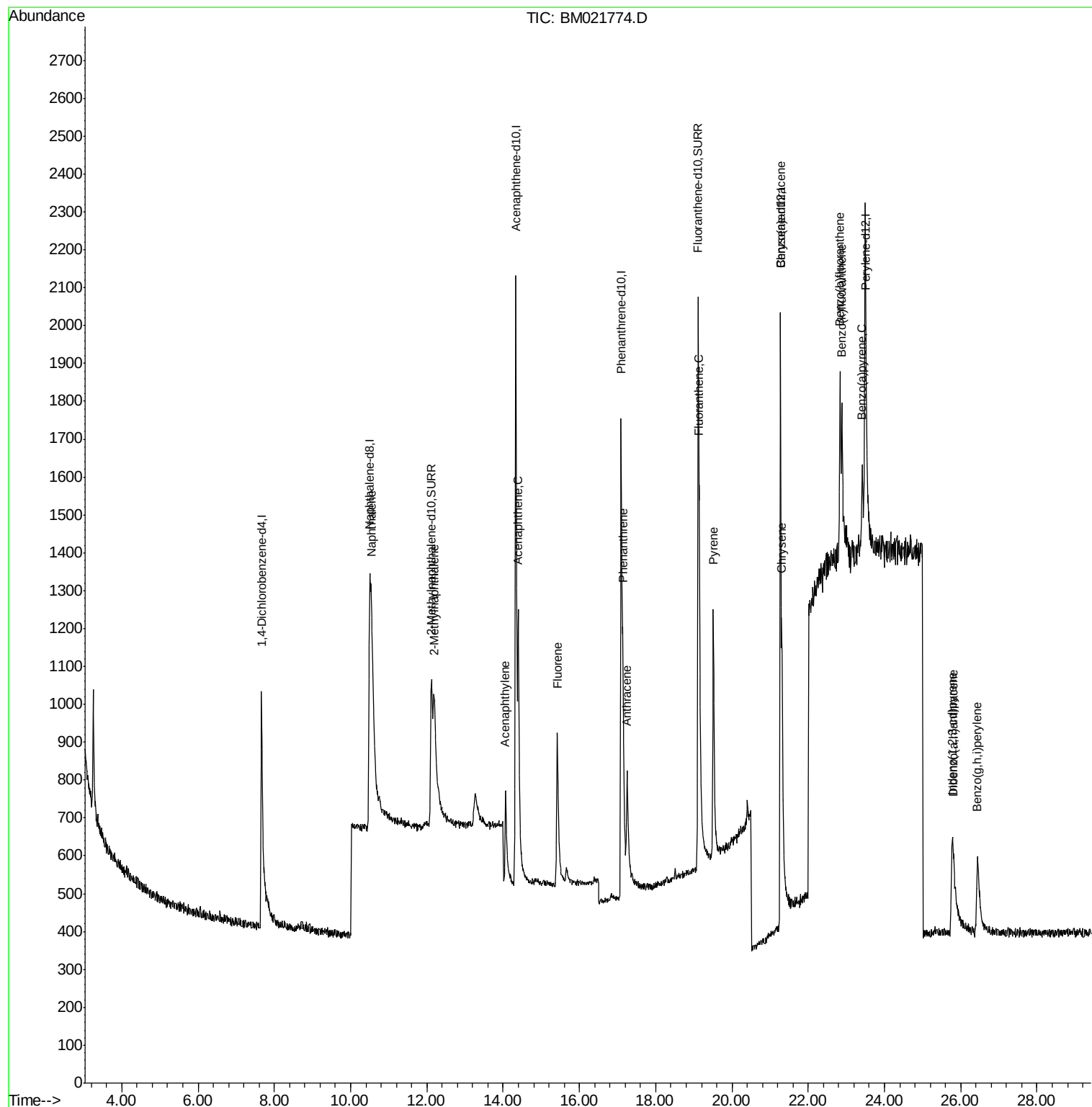
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	755	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	3394	0.40	ng/ul	0.05
6) Acenaphthene-d10	14.33	164	1643	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.10	188	2884	0.40	ng/ul	0.02
16) Chrysene-d12	21.27	240	1914	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1887	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.12	152	1741	0.39	ng/ul	0.05
14) Fluoranthene-d10	19.11	212	2532	0.38	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	10.56	128	855	0.090	ng/ul#	47
5) 2-Methylnaphthalene	12.20	142	509	0.093	ng/ul	95
7) Acenaphthylene	14.06	152	683	0.083	ng/ul#	70
8) Acenaphthene	14.39	153	614	0.088	ng/ul	96
9) Fluorene	15.42	166	573	0.078	ng/ul#	93
12) Phenanthrene	17.14	178	825	0.085	ng/ul#	76
13) Anthracene	17.25	178	559	0.076	ng/ul#	63
15) Fluoranthene	19.14	202	838	0.087	ng/ul	75
17) Pyrene	19.51	202	881	0.104	ng/ul#	75
18) Benzo(a)anthracene	21.27	228	507	0.089	ng/ul#	81
19) Chrysene	21.31	228	965	0.100	ng/ul#	84
21) Benzo(b)fluoranthene	22.83	252	676	0.080	ng/ul#	40
22) Benzo(k)fluoranthene	22.88	252	872	0.098	ng/ul#	40
23) Benzo(a)pyrene	23.42	252	557	0.084	ng/ul#	22
24) Indeno(1,2,3-cd)pyrene	25.77	276	594	0.078	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.80	278	440	0.074	ng/ul#	19
26) Benzo(a,h,i)perylene	26.44	276	588	0.080	ng/ul#	66

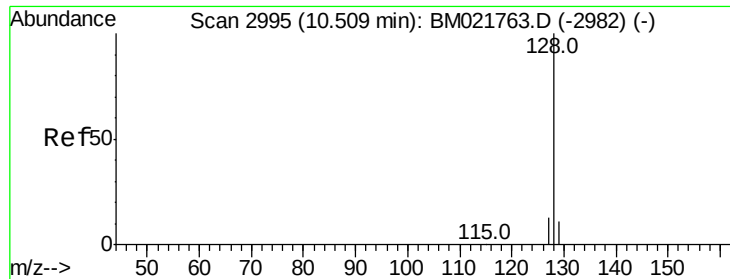
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 03 05:33:59 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.090 ng/ul

RT: 10.56 min Scan# 3006

Delta R.T. 0.05 min

Lab File: BM021774.D

Acq: 03 Aug 2019 04:08

Instrument :

BNA_M

ClientSampled :

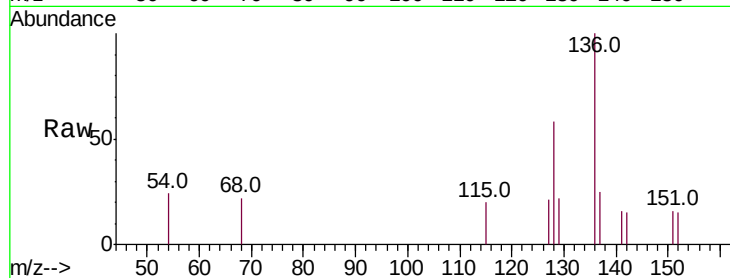
Tot Ion:128 Resp: 855

Ion Ratio Lower Upper

128 100

129 38.1 11.5 17.3#

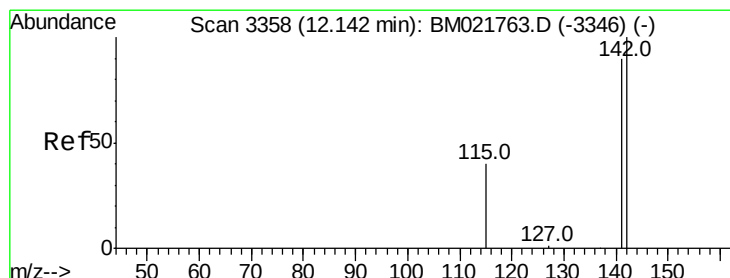
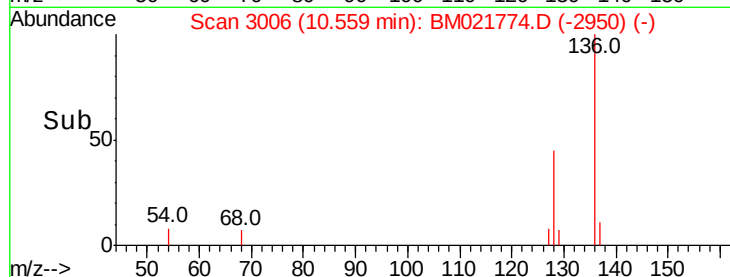
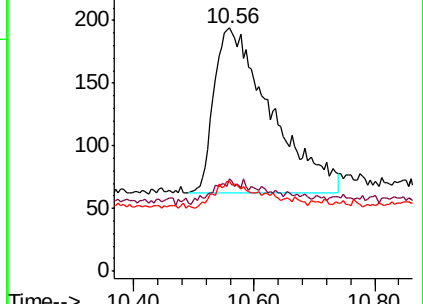
127 37.1 13.1 19.7#



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



#5

2-Methylnaphthalene

Concen: 0.093 ng/ul

RT: 12.20 min Scan# 3372

Delta R.T. 0.06 min

Lab File: BM021774.D

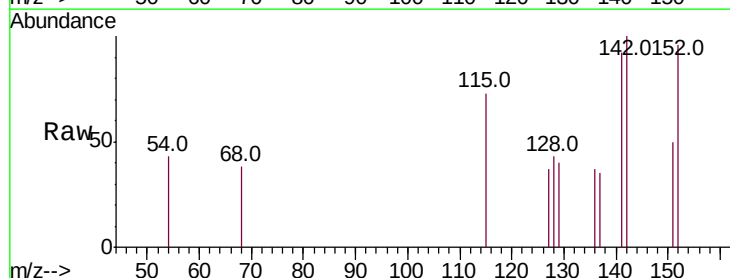
Acq: 03 Aug 2019 04:08

Tgt Ion:142 Resp: 509

Ion Ratio Lower Upper

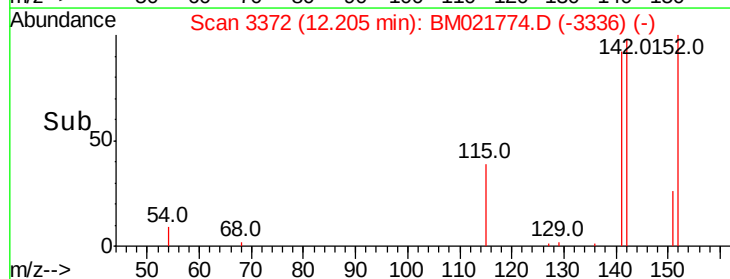
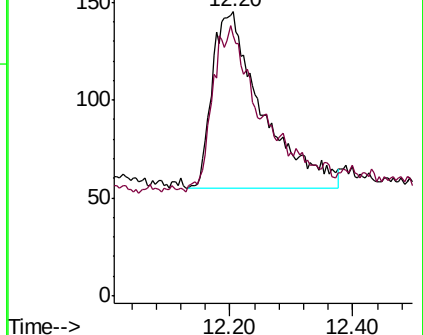
142 100

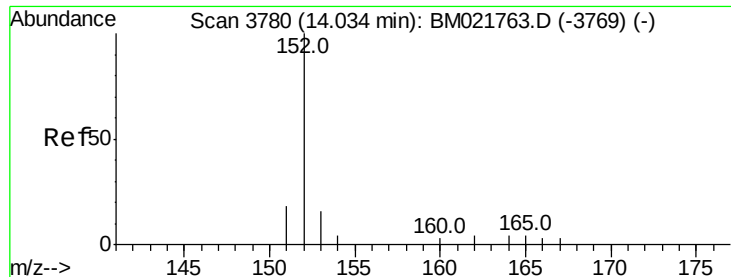
141 94.7 72.0 108.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.083 ng/ul

RT: 14.06 min Scan# 3788

Delta R.T. 0.03 min

Lab File: BM021774.D

Acq: 03 Aug 2019 04:08

Instrument :

BNA_M

ClientSampleId :

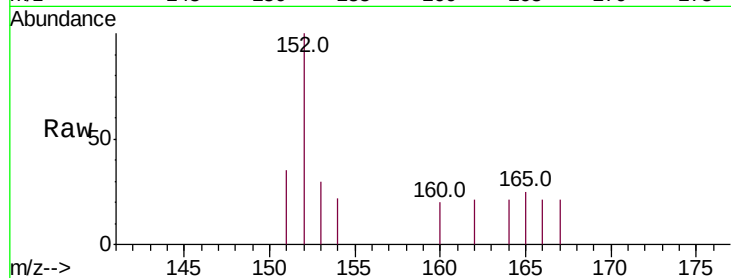
Tot Ion:152 Resp: 683

Ion Ratio Lower Upper

152 100

151 35.1 17.8 26.6#

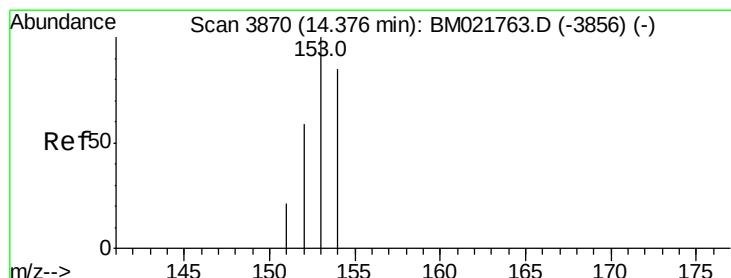
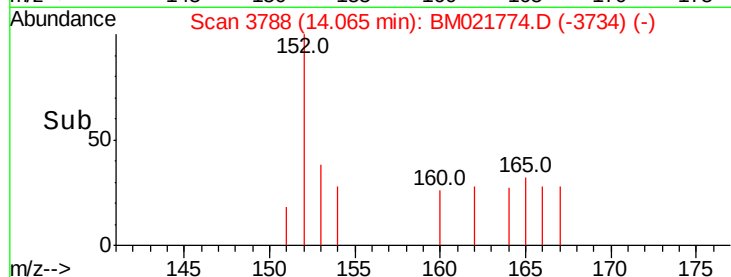
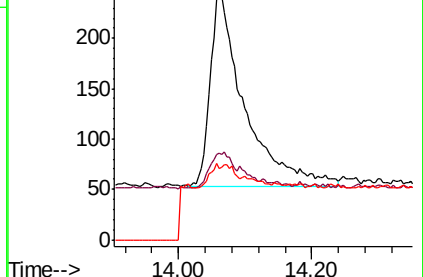
153 29.8 12.6 18.8#



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



#8

Acenaphthene

Concen: 0.088 ng/ul

RT: 14.39 min Scan# 3875

Delta R.T. 0.02 min

Lab File: BM021774.D

Acq: 03 Aug 2019 04:08

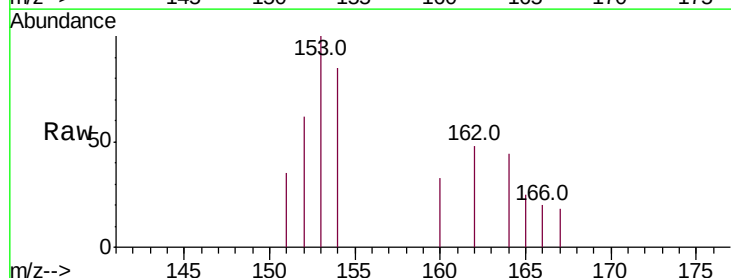
Tgt Ion:153 Resp: 614

Ion Ratio Lower Upper

153 100

152 61.9 44.0 66.0

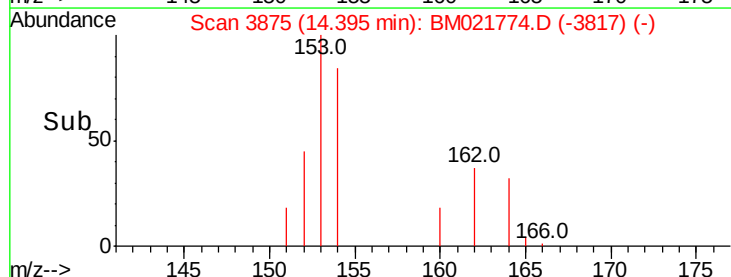
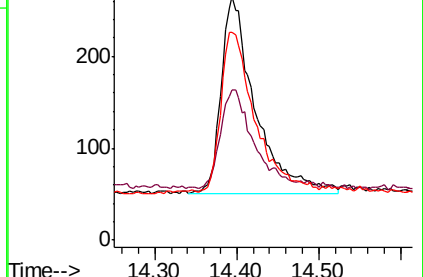
154 85.3 68.0 102.0

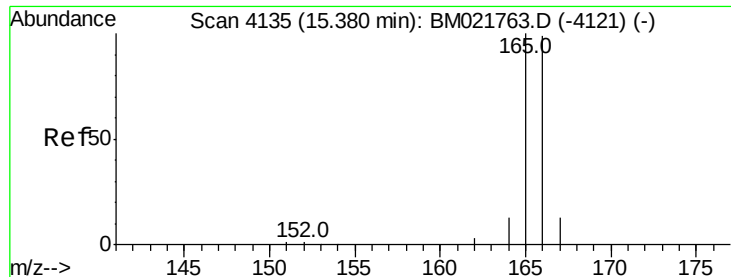


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

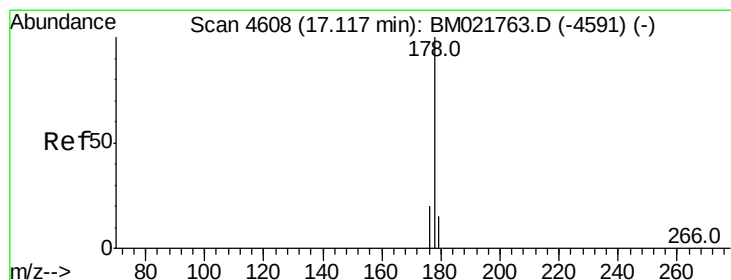
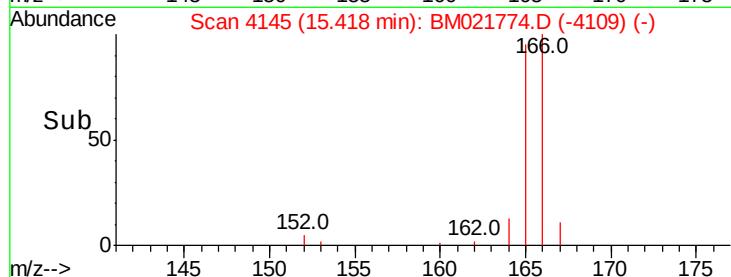
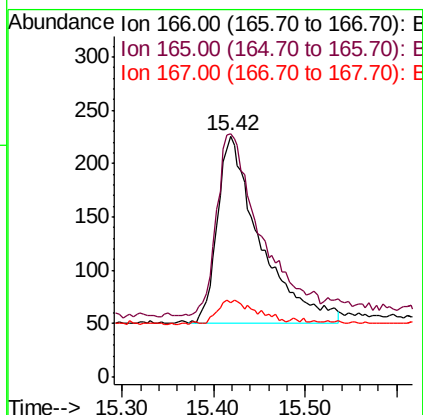
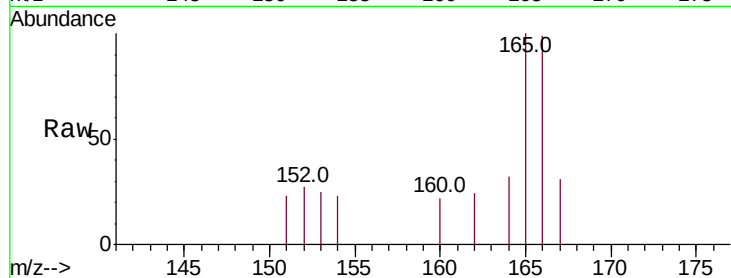




#9
Fluorene
 Concen: 0.078 ng/ul
 RT: 15.42 min Scan# 4145
 Delta R.T. 0.04 min
 Lab File: BM021774.D
 Acq: 03 Aug 2019 04:08

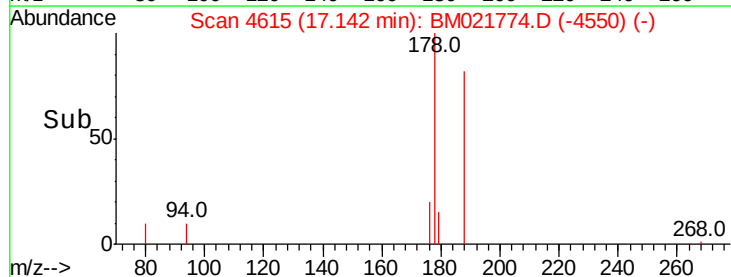
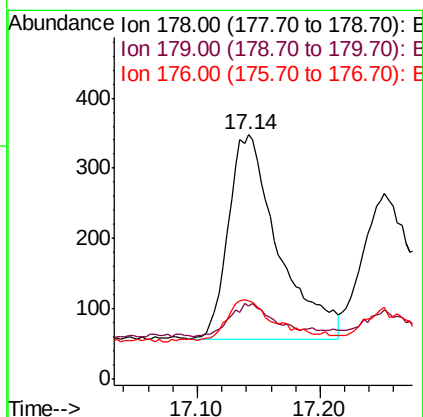
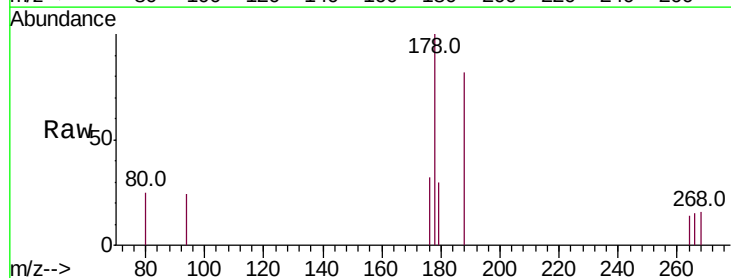
Instrument :
 BNA_M
 ClientSampleId :

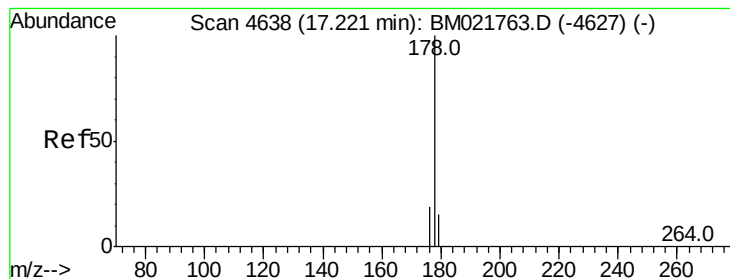
Tot Ion:166 Resp: 573
 Ion Ratio Lower Upper
 166 100
 165 100.9 83.0 124.4
 167 31.0 13.4 20.2#



#12
Phenanthrene
 Concen: 0.085 ng/ul
 RT: 17.14 min Scan# 4615
 Delta R.T. 0.02 min
 Lab File: BM021774.D
 Acq: 03 Aug 2019 04:08

Tgt Ion:178 Resp: 825
 Ion Ratio Lower Upper
 178 100
 179 29.6 14.0 21.0#
 176 31.6 17.0 25.6#





#13

Anthracene

Concen: 0.076 ng/ul

RT: 17.25 min Scan# 4647

Delta R.T. 0.03 min

Lab File: BM021774.D

Acq: 03 Aug 2019 04:08

Instrument :

BNA_M

ClientSampleId :

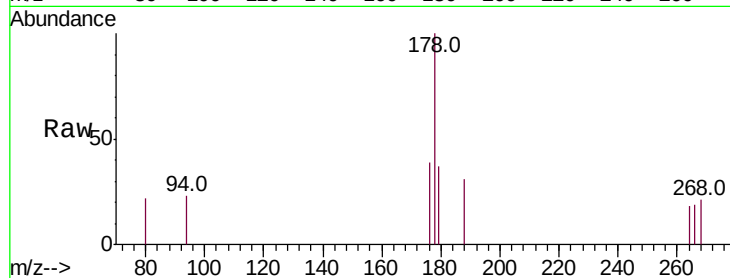
Tot Ion:178 Resp: 559

Ion Ratio Lower Upper

178 100

179 36.7 14.5 21.7#

176 38.6 18.1 27.1#



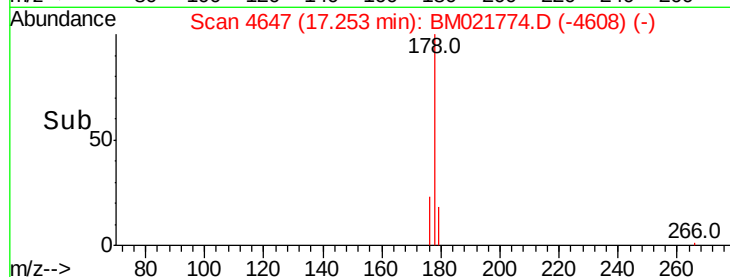
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

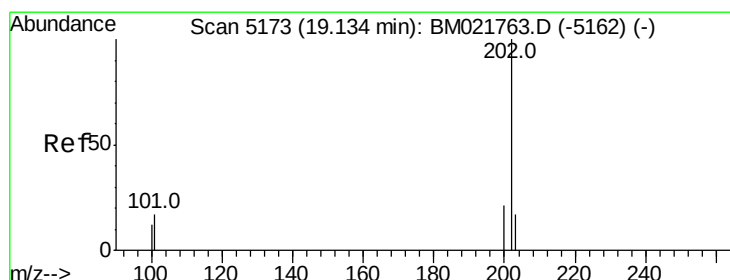
Ion 176.00 (175.70 to 176.70): E

17.25

Time-->



Time-->



#15

Fluoranthene

Concen: 0.087 ng/ul

RT: 19.14 min Scan# 5175

Delta R.T. 0.01 min

Lab File: BM021774.D

Acq: 03 Aug 2019 04:08

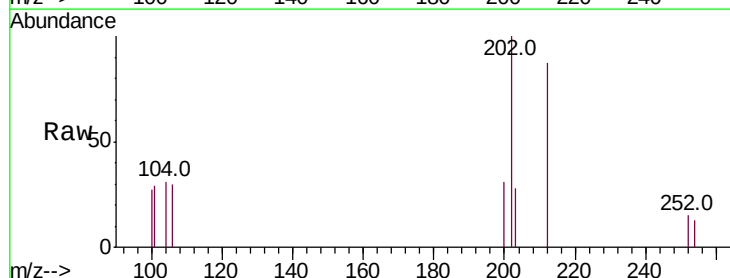
Tgt Ion:202 Resp: 838

Ion Ratio Lower Upper

202 100

101 29.3 0.0 38.6

100 26.8 0.0 35.6



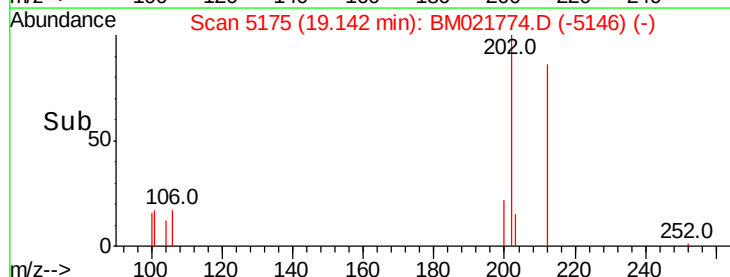
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

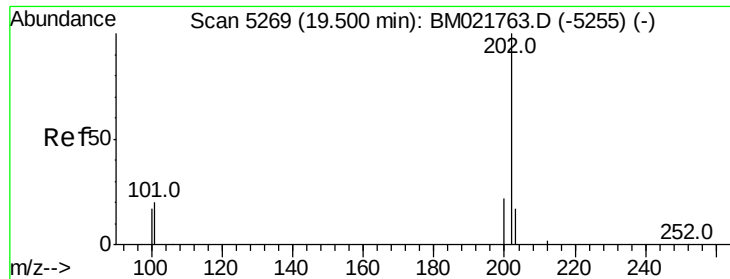
Ion 100.00 (99.70 to 100.70): E

19.14

Time-->



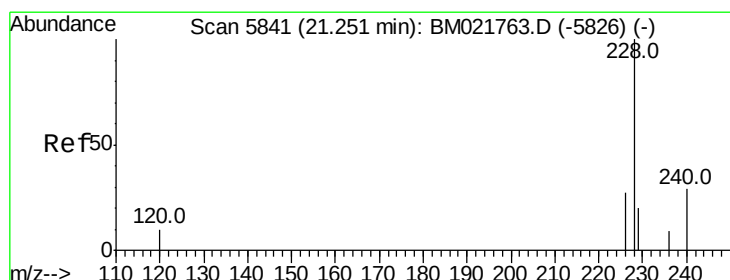
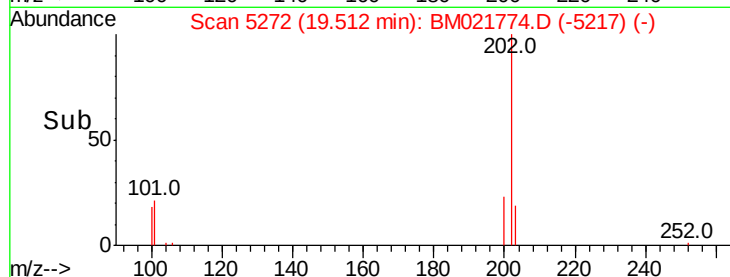
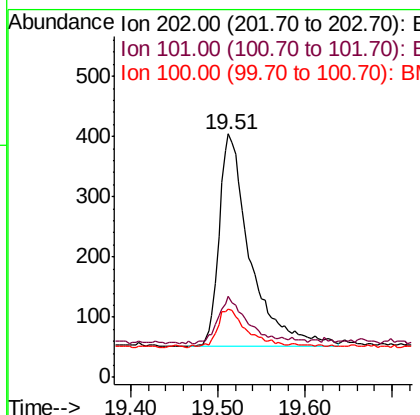
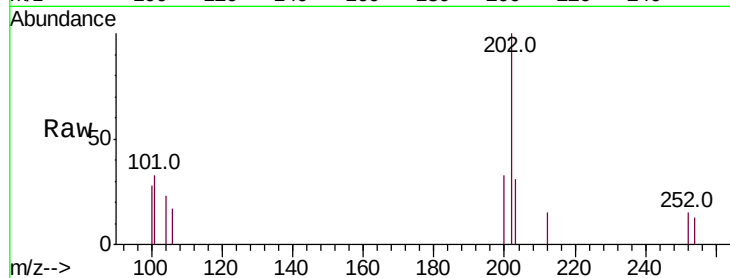
Time-->



#17
Pvrene
Concen: 0.104 ng/ul
RT: 19.51 min Scan# 5272
Delta R.T. 0.01 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:08

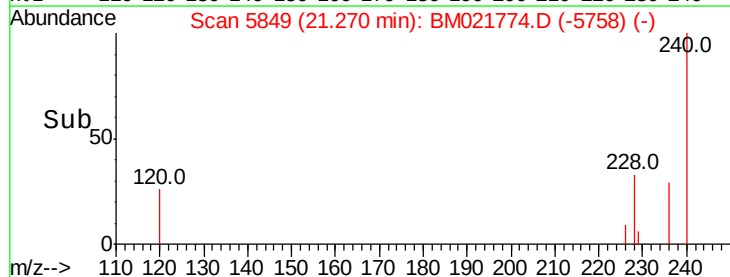
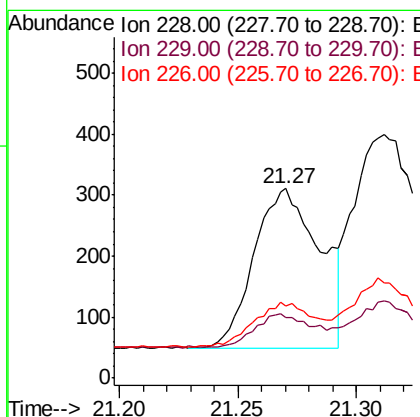
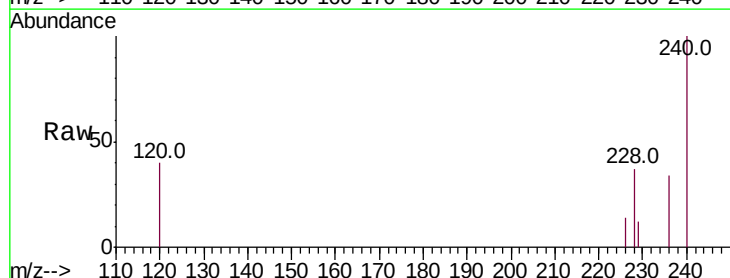
Instrument :
BNA_M
ClientSampled :

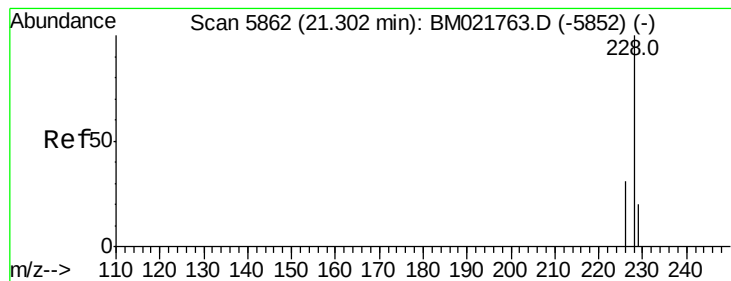
Tot Ion:202 Resp: 881
Ion Ratio Lower Upper
202 100
101 33.4 17.0 25.6#
100 28.2 14.3 21.5#



#18
Benzo(a)anthracene
Concen: 0.089 ng/ul
RT: 21.27 min Scan# 5849
Delta R.T. 0.02 min
Lab File: BM021774.D
Acq: 03 Aug 2019 04:08

Tgt Ion:228 Resp: 507
Ion Ratio Lower Upper
228 100
229 32.2 16.6 24.8#
226 38.3 24.2 36.2#





#19

Chrysene

Concen: 0.100 ng/ul

RT: 21.31 min Scan# 5866

Delta R.T. 0.01 min

Lab File: BM021774.D

Acq: 03 Aug 2019 04:08

Instrument :

BNA_M

ClientSampleId :

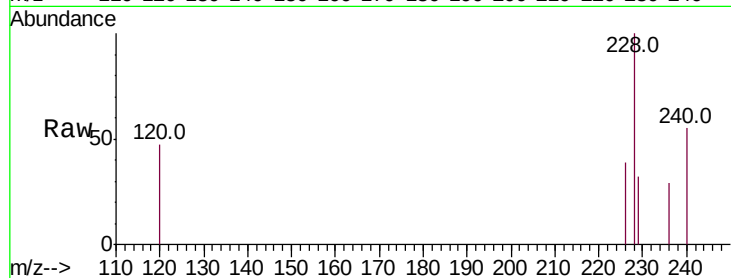
Tot Ion:228 Resp: 965

Ion Ratio Lower Upper

228 100

226 39.3 25.6 38.4#

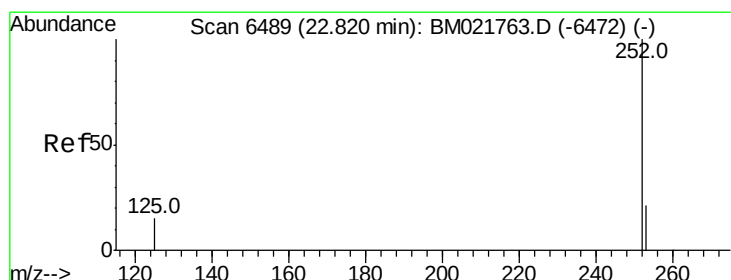
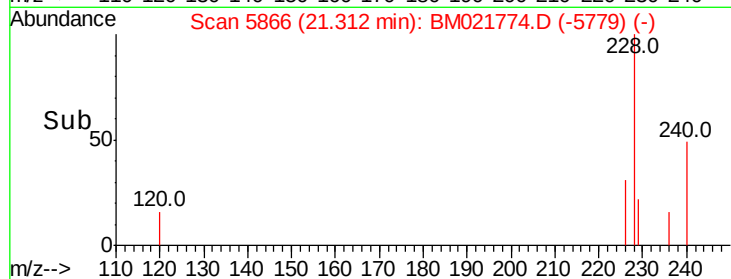
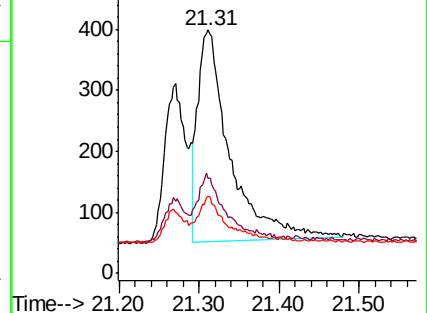
229 31.6 17.6 26.4#



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



#21

Benzo(b)fluoranthene

Concen: 0.080 ng/ul

RT: 22.83 min Scan# 6494

Delta R.T. 0.01 min

Lab File: BM021774.D

Acq: 03 Aug 2019 04:08

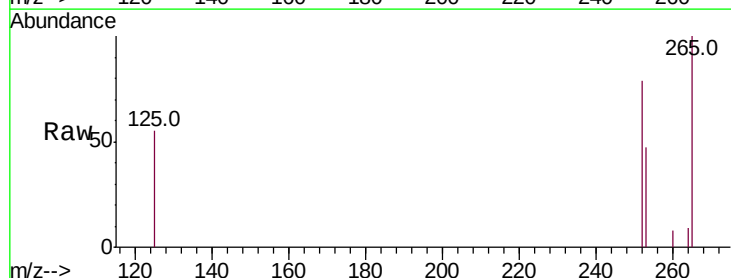
Tgt Ion:252 Resp: 676

Ion Ratio Lower Upper

252 100

253 58.9 0.0 62.8

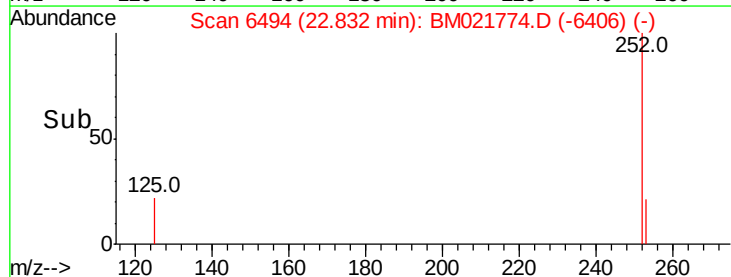
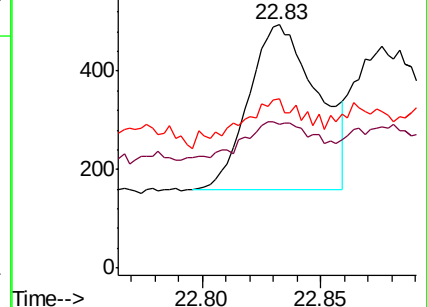
125 69.4 0.0 62.2#

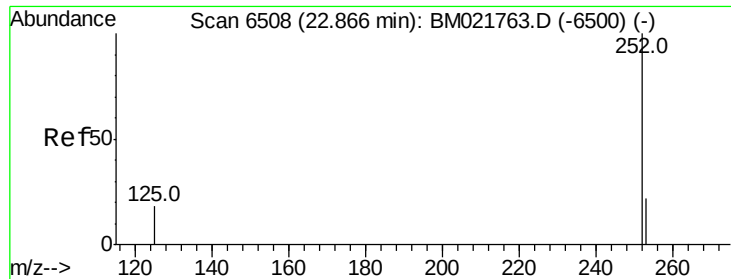


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.098 ng/ul

RT: 22.88 min Scan# 6512

Delta R.T. 0.01 min

Lab File: BM021774.D

Acq: 03 Aug 2019 04:08

Instrument :

BNA_M

ClientSampled :

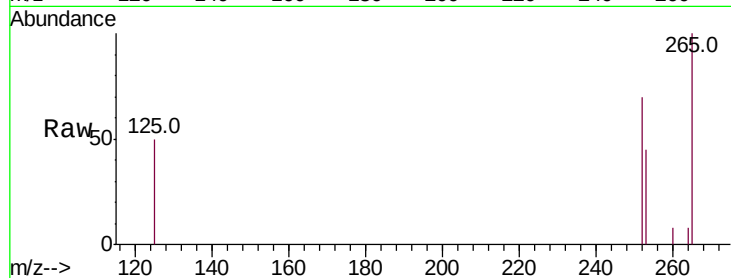
Tot Ion:252 Resp: 872

Ion Ratio Lower Upper

252 100

253 63.6 25.8 38.8#

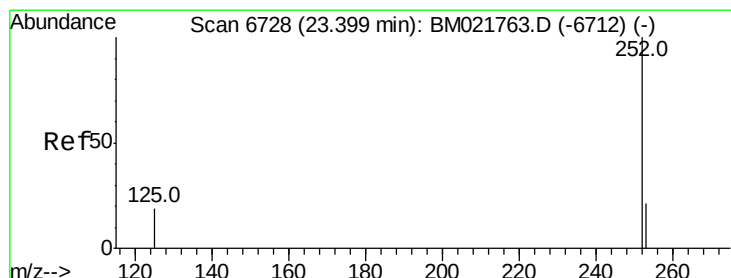
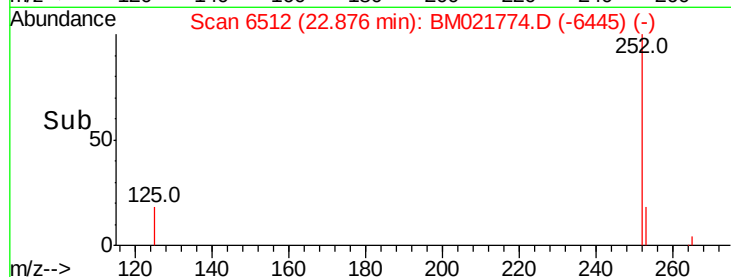
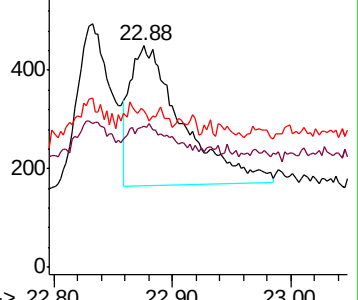
125 70.4 27.0 40.4#



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



#23

Benzo(a)pyrene

Concen: 0.084 ng/ul

RT: 23.42 min Scan# 6737

Delta R.T. 0.02 min

Lab File: BM021774.D

Acq: 03 Aug 2019 04:08

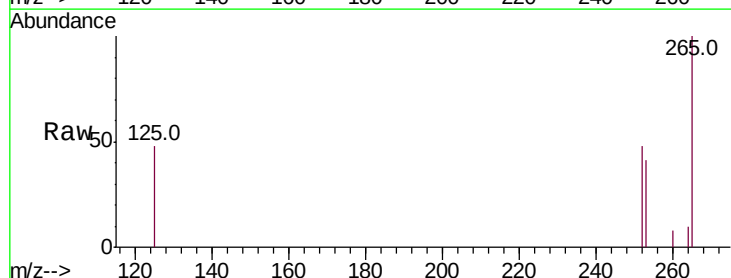
Tgt Ion:252 Resp: 557

Ion Ratio Lower Upper

252 100

253 85.5 32.4 48.6#

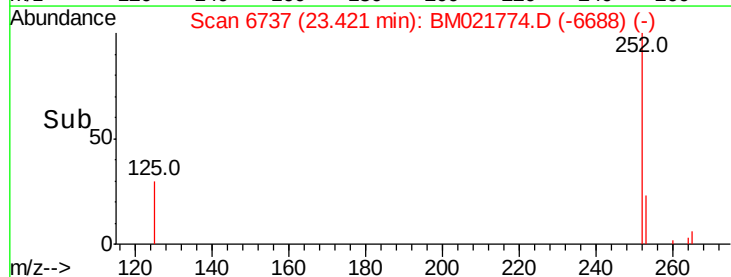
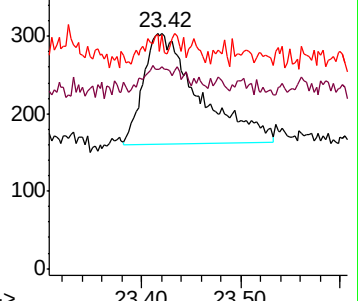
125 99.3 35.9 53.9#

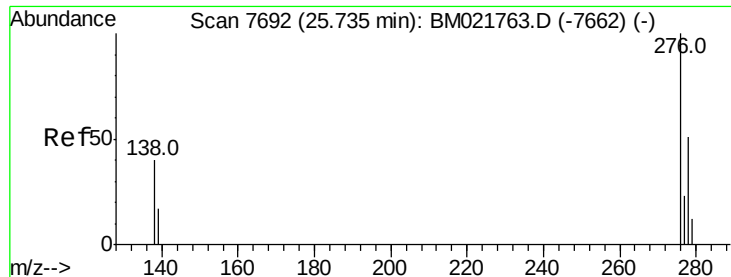


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

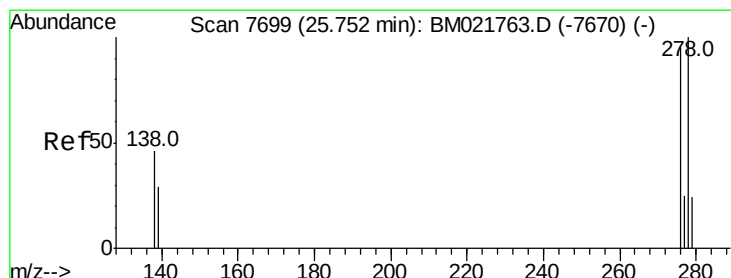
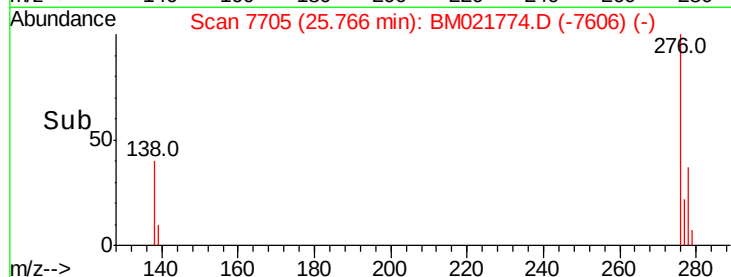
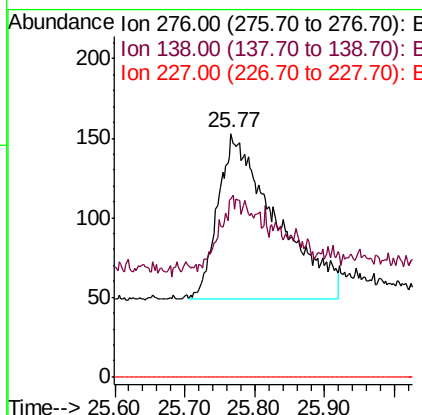
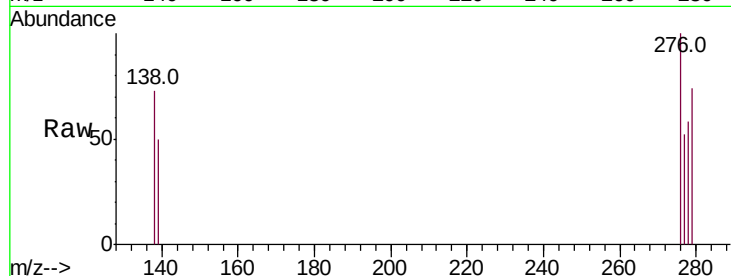




#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.078 ng/ul
 RT: 25.77 min Scan# 7705
 Delta R.T. 0.04 min
 Lab File: BM021774.D
 Acq: 03 Aug 2019 04:08

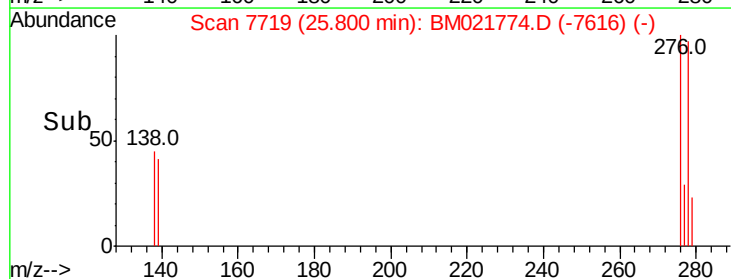
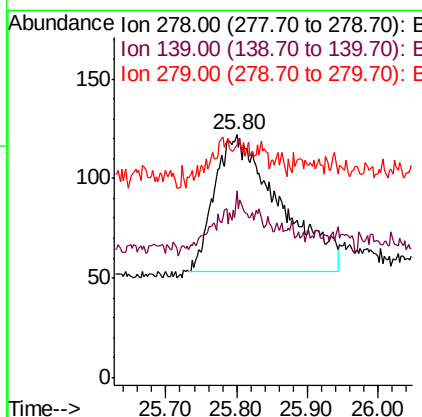
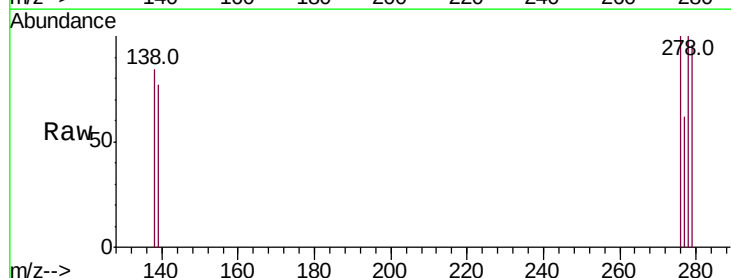
Instrument :
 BNA_M
 ClientSampled :

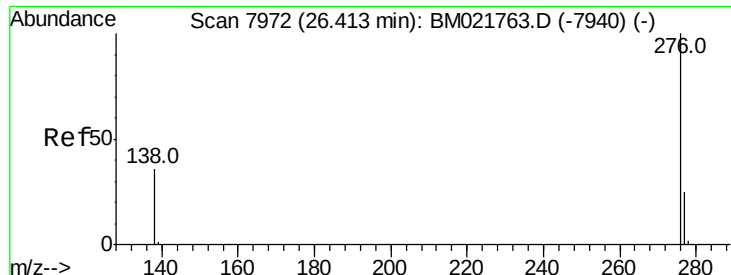
Tot Ion:276 Resp: 594
 Ion Ratio Lower Upper
 276 100
 138 39.4 33.8 50.8
 227 0.0 0.0 0.0



#25
 Dibenzo(a,h)anthracene
 Concen: 0.074 ng/ul
 RT: 25.80 min Scan# 7719
 Delta R.T. 0.05 min
 Lab File: BM021774.D
 Acq: 03 Aug 2019 04:08

Tgt Ion:278 Resp: 440
 Ion Ratio Lower Upper
 278 100
 139 77.0 29.5 44.3#
 279 95.9 31.1 46.7#





#26

Benzo(a,h,i)perylene

Concen: 0.080 ng/ul

RT: 26.44 min Scan# 7983

Delta R.T. 0.03 min

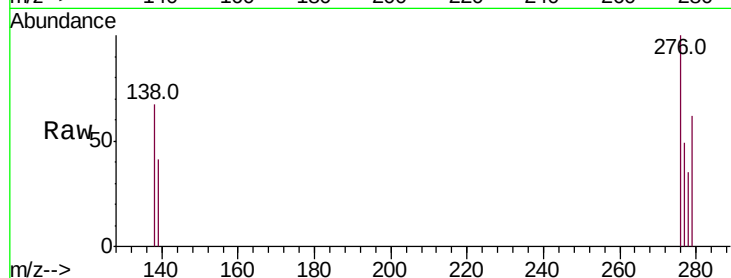
Lab File: BM021774.D

Acq: 03 Aug 2019 04:08

Instrument :

BNA_M

ClientSampleId :



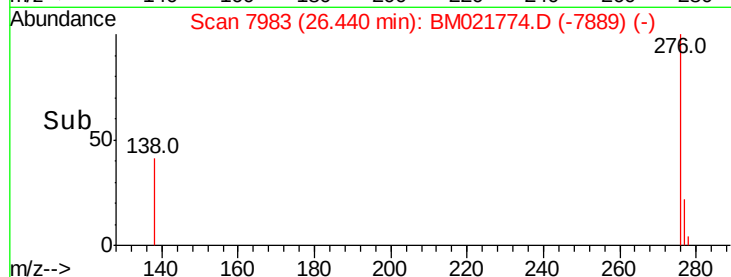
Tot Ion:276 Resp: 588

Ion Ratio Lower Upper

276 100

138 67.1 36.2 54.2#

277 49.4 24.2 36.2#



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

