

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021956.D
 Acq On : 09 Aug 2019 06:16
 Operator : HP/JU
 Sample : K4028-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 09 09:21:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 09 01:29:50 2019
 Response via : Initial Calibration

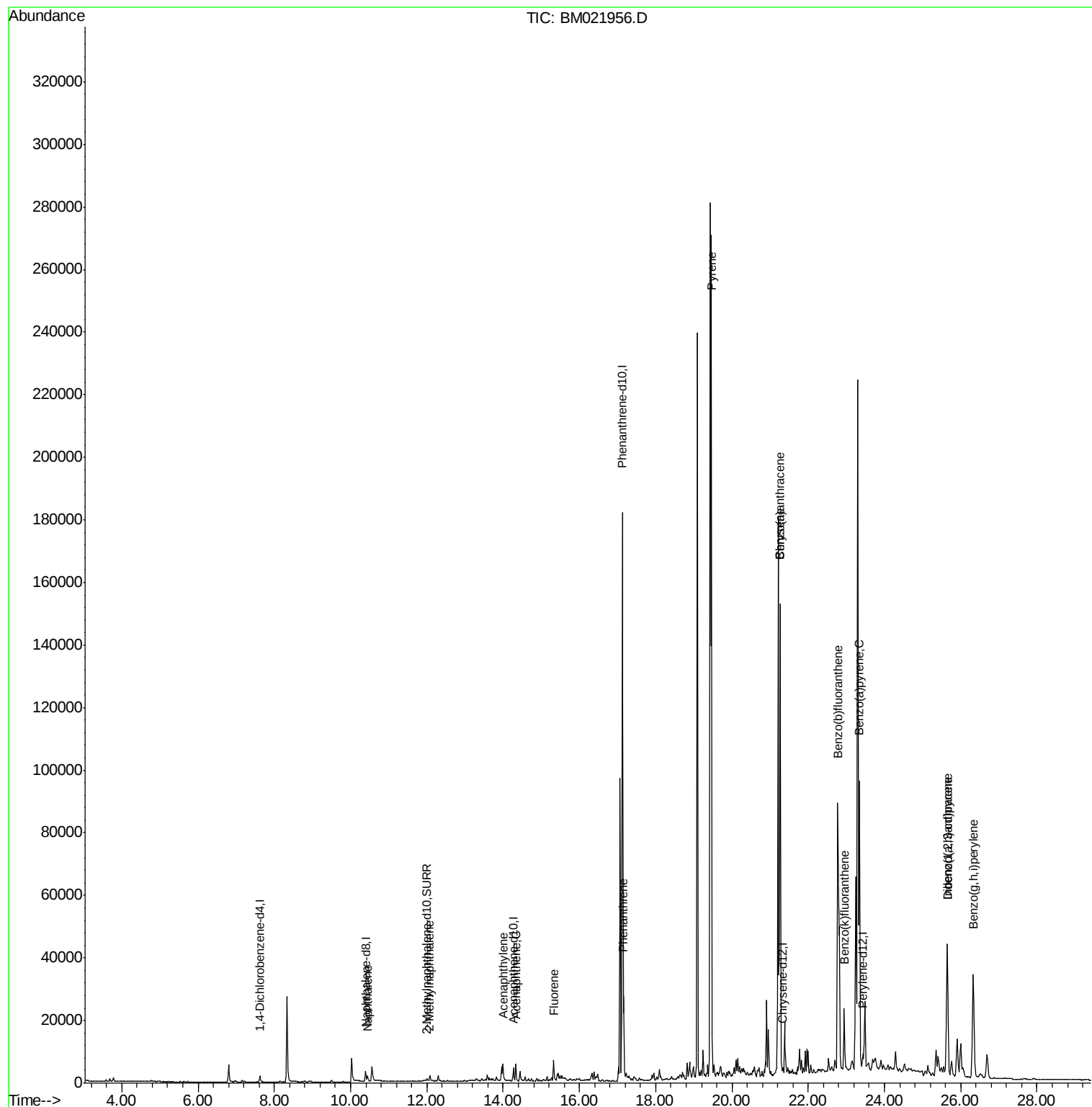
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	987	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4238	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2369	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.13	188	217739	0.40	ng/ul	0.08
16) Chrysene-d12	21.34	240	52	0.40	ng/ul	0.09
20) Perylene-d12	23.44	264	9664	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1096	0.16	ng/ul	-0.02
14) Fluoranthene-d10	19.16	212	237	0.00	ng/ul	0.08
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	2260	0.189	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	1377	0.173	ng/ul	95
7) Acenaphthylene	13.99	152	6103	0.552	ng/ul#	82
8) Acenaphthene	14.33	153	3282	0.363	ng/ul	97
9) Fluorene	15.33	166	4116	0.410	ng/ul	100
12) Phenanthrene	17.16	178	27150	0.043	ng/ul	97
17) Pyrene	19.46	202	233406	1092.297	ng/ul	98
18) Benzo(a)anthracene	21.26	228	144499	776.874	ng/ul	97
19) Chrysene	21.26	228	144499	604.065	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	194478	5.968	ng/ul	82
22) Benzo(k)fluoranthene	22.94	252	20539	0.557	ng/ul	92
23) Benzo(a)pyrene	23.34	252	121621	3.670	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.65	276	66916	1.691	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.65	278	20568	0.643	ng/ul	95
26) Benzo(g,h,i)perylene	26.33	276	69519	1.951	ng/ul	95

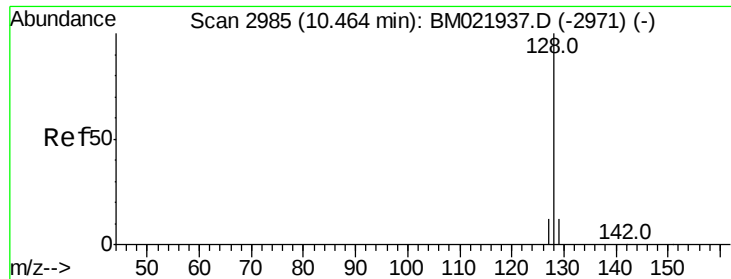
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
Data File : BM021956.D
Acq On : 09 Aug 2019 06:16
Operator : HP/JU
Sample : K4028-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 09 09:21:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.189 ng/ul

RT: 10.44 min Scan# 2980

Delta R.T. -0.02 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Instrument :

BNA_M

ClientSampleId :

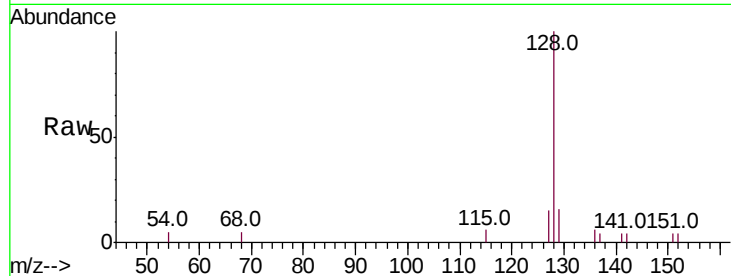
Tot Ion:128 Resp: 2260

Ion Ratio Lower Upper

128 100

129 15.9 12.3 18.5

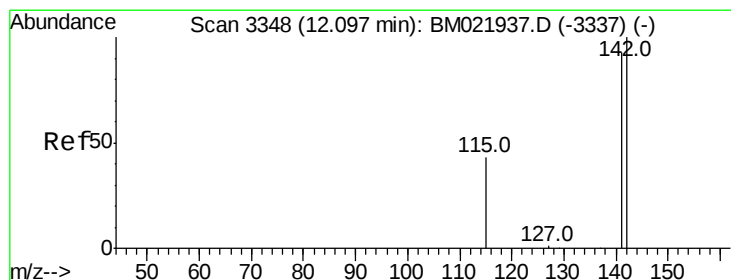
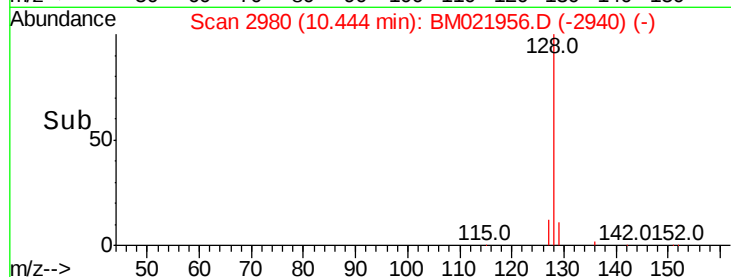
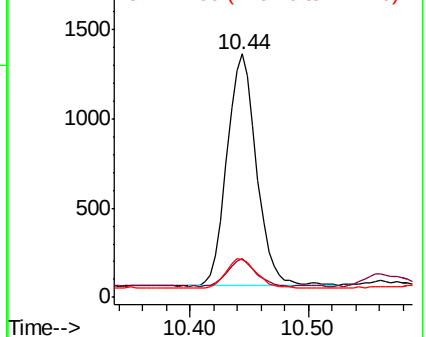
127 15.4 13.0 19.6



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



#5

2-Methylnaphthalene

Concen: 0.173 ng/ul

RT: 12.08 min Scan# 3343

Delta R.T. -0.02 min

Lab File: BM021956.D

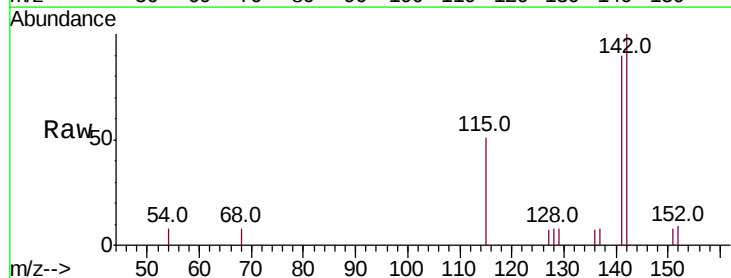
Acq: 09 Aug 2019 06:16

Tgt Ion:142 Resp: 1377

Ion Ratio Lower Upper

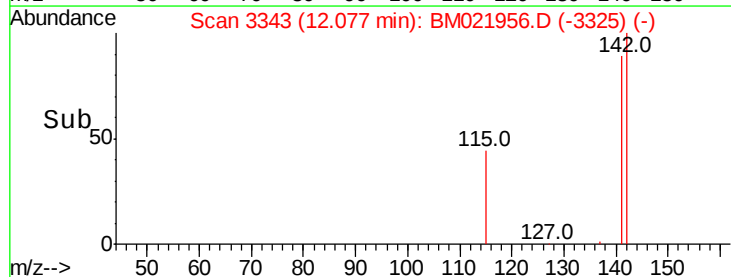
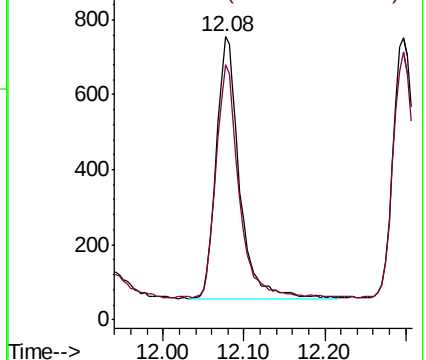
142 100

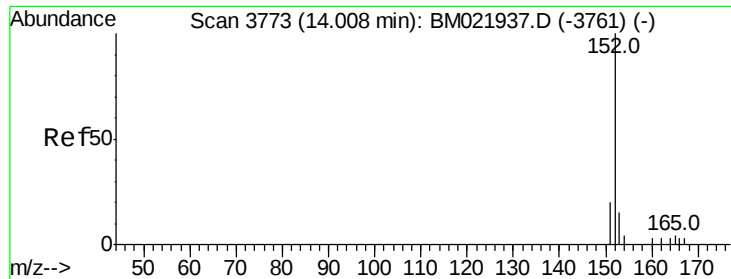
141 88.4 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.552 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.01 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Instrument :

BNA_M

ClientSampleId :

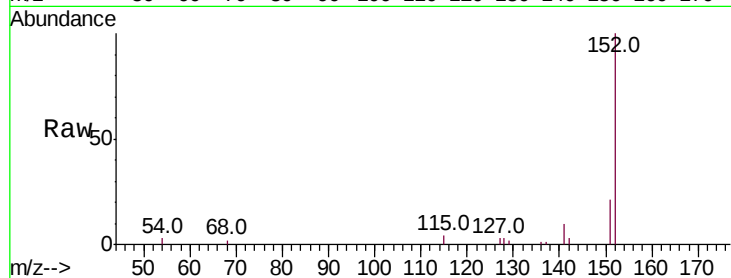
Tot Ion:152 Resp: 6103

Ion Ratio Lower Upper

152 100

151 21.1 18.3 27.5

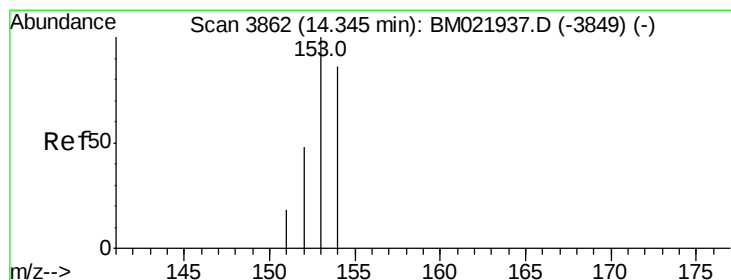
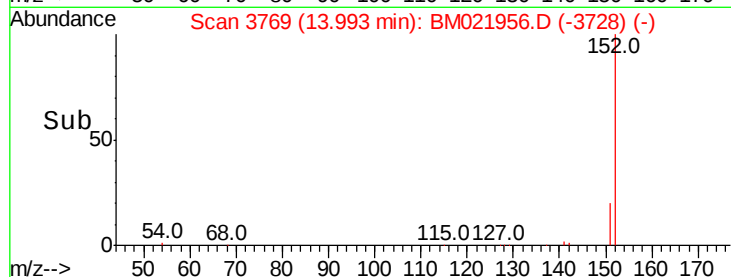
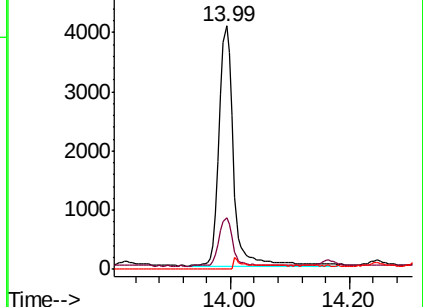
153 0.0 12.8 19.2#



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: 0.363 ng/ul

RT: 14.33 min Scan# 3858

Delta R.T. -0.01 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

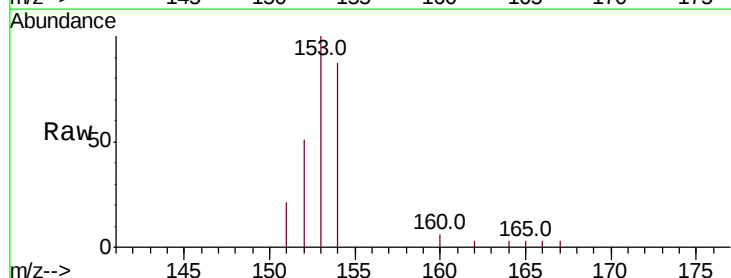
Tgt Ion:153 Resp: 3282

Ion Ratio Lower Upper

153 100

152 50.6 41.3 61.9

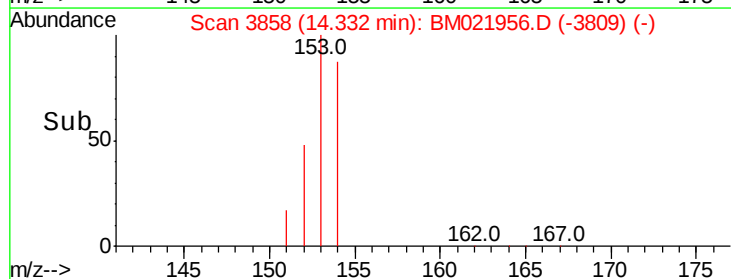
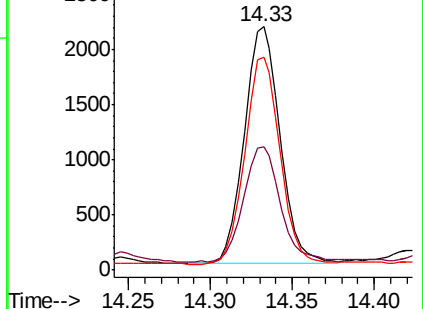
154 87.2 72.3 108.5

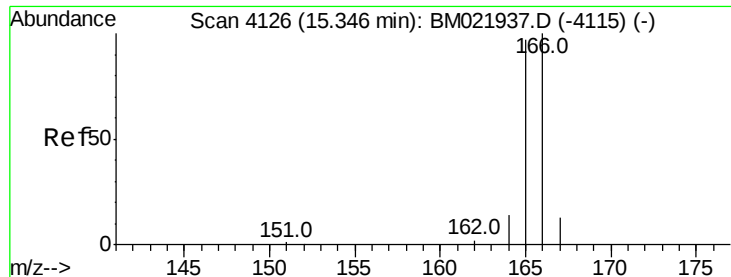


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.410 ng/ul

RT: 15.33 min Scan# 4120

Delta R.T. -0.02 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Instrument :

BNA_M

ClientSampleId :

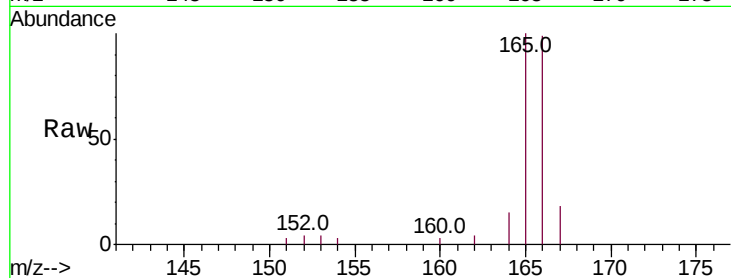
Tot Ion:166 Resp: 4116

Ion Ratio Lower Upper

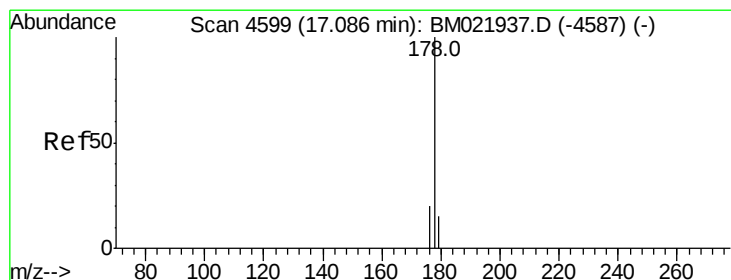
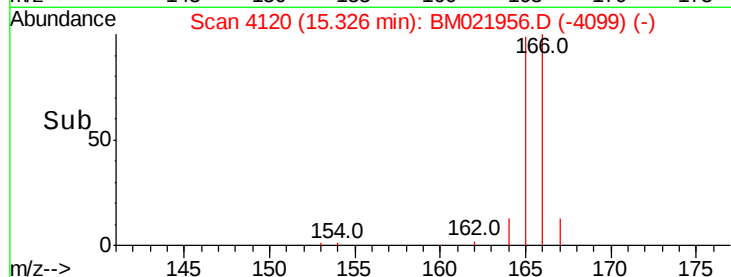
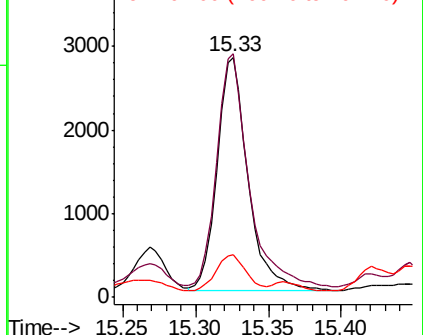
166 100

165 101.5 81.4 122.0

167 18.0 13.7 20.5



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



#12

Phenanthrene

Concen: 0.043 ng/ul

RT: 17.16 min Scan# 4619

Delta R.T. 0.07 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

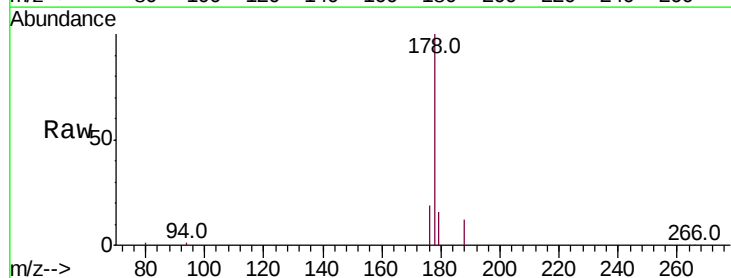
Tgt Ion:178 Resp: 27150

Ion Ratio Lower Upper

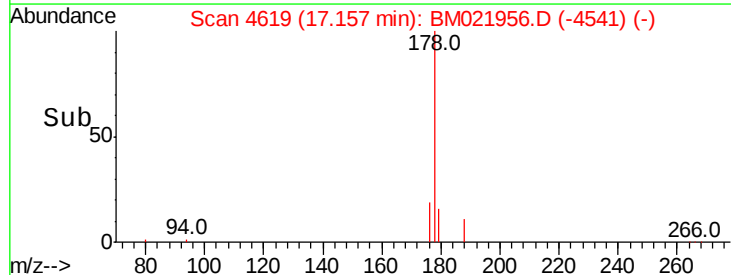
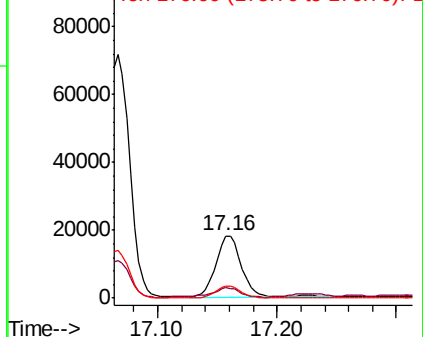
178 100

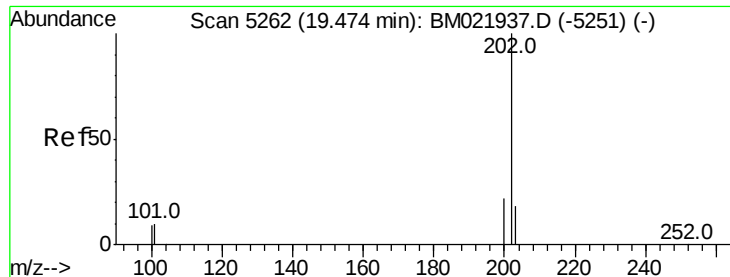
179 16.4 14.2 21.2

176 19.3 16.8 25.2



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

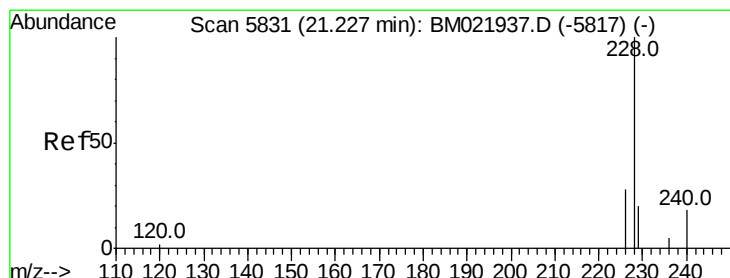
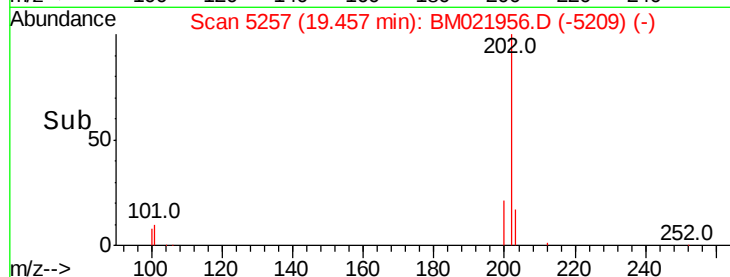
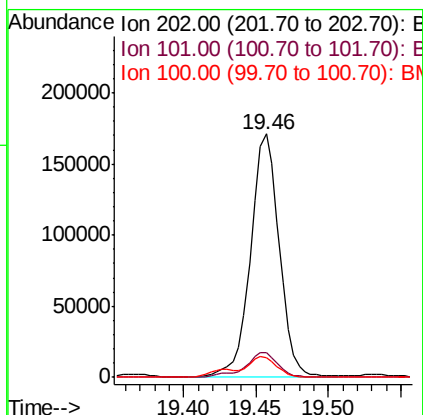
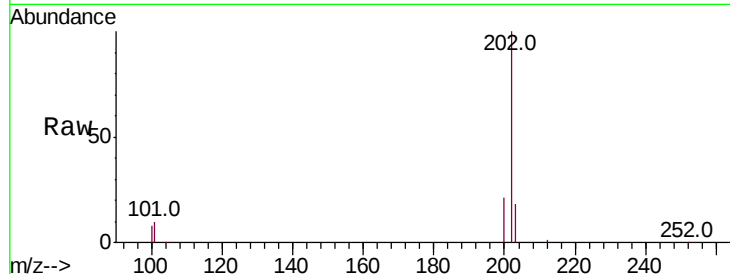




#17
Pvrene
Concen: 1092.297 ng/ul
RT: 19.46 min Scan# 5257
Delta R.T. -0.02 min
Lab File: BM021956.D
Acq: 09 Aug 2019 06:16

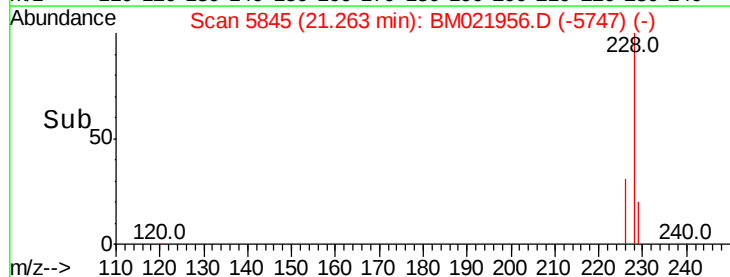
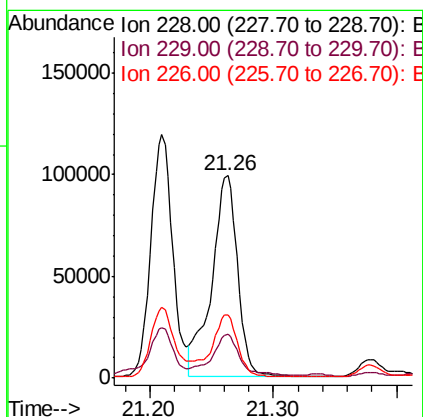
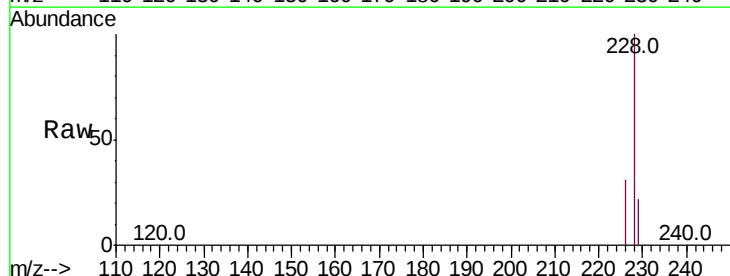
Instrument :
BNA_M
ClientSampleId :

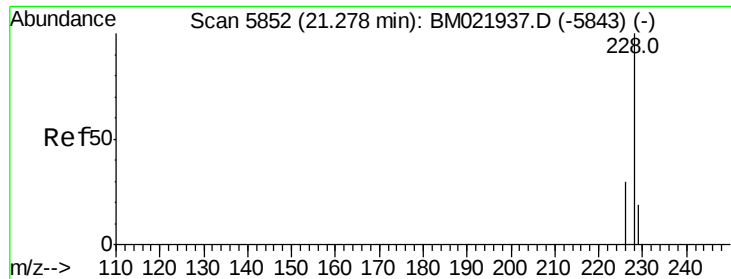
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.3	12.5
100	8.2	7.2	10.8



#18
Benzo(a)anthracene
Concen: 776.874 ng/ul
RT: 21.26 min Scan# 5845
Delta R.T. 0.04 min
Lab File: BM021956.D
Acq: 09 Aug 2019 06:16

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	17.2	25.8
226	31.4	22.6	34.0





#19

Chrysene

Concen: 604.065 ng/ul

RT: 21.26 min Scan# 5845

Delta R.T. -0.01 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Instrument :

BNA_M

ClientSampleId :

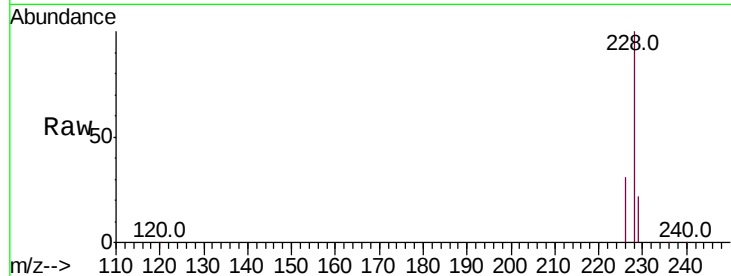
Tot Ion:228 Resp: 144499

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

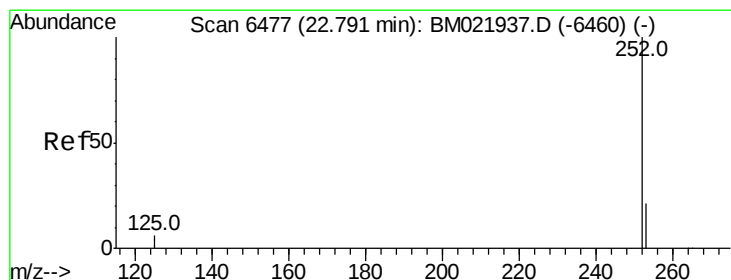
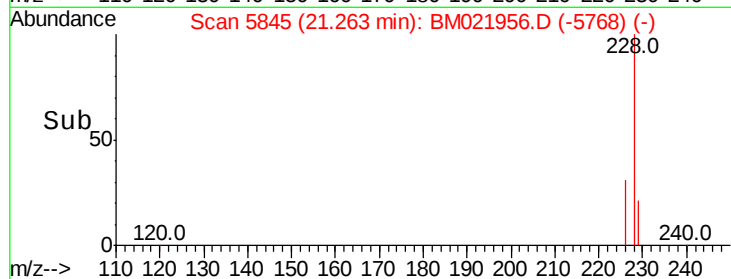
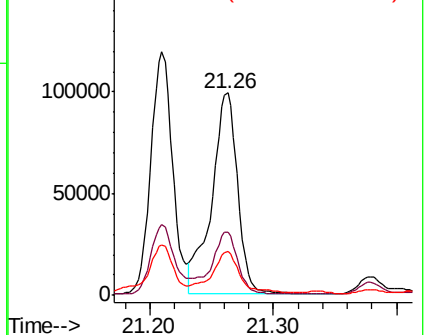
229 21.5 16.6 25.0



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: 5.968 ng/ul

RT: 22.78 min Scan# 6470

Delta R.T. -0.01 min

Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

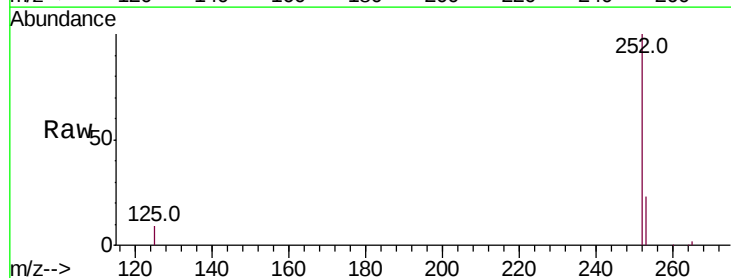
Tgt Ion:252 Resp: 194478

Ion Ratio Lower Upper

252 100

253 23.1 0.0 67.4

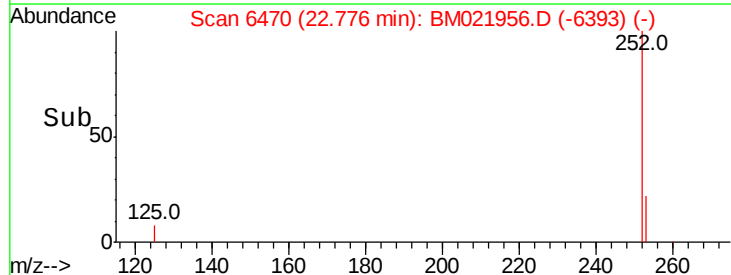
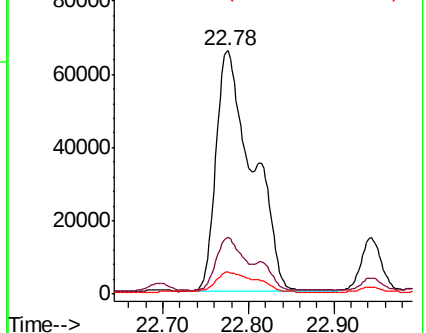
125 8.9 0.0 31.0

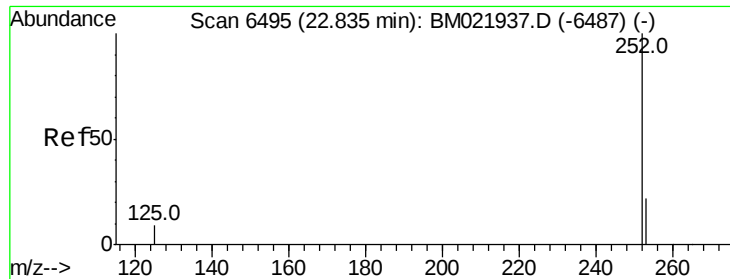


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

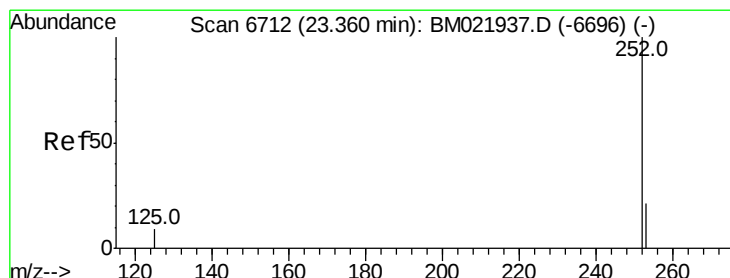
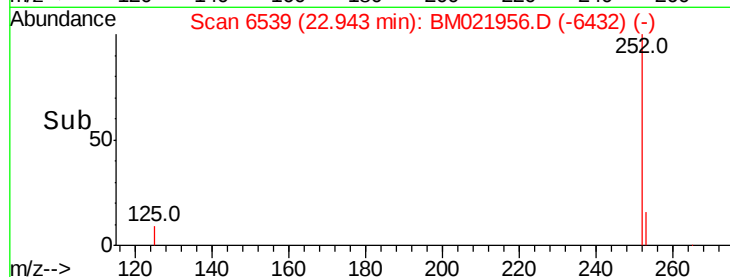
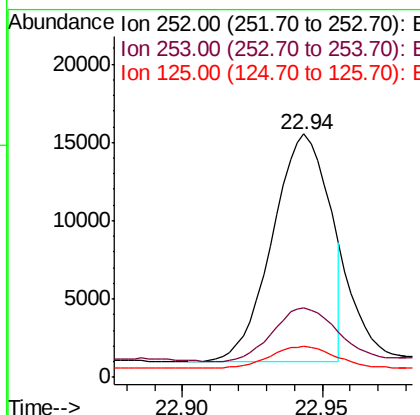
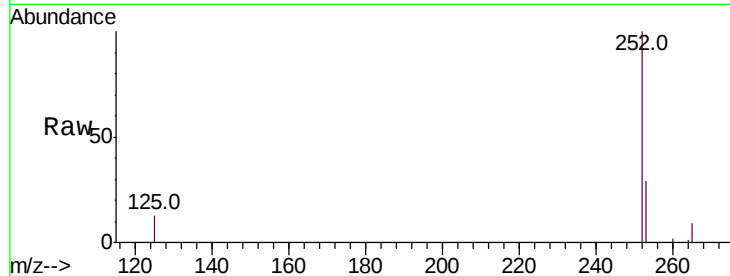




#22
Benzo(k)fluoranthene
Concen: 0.557 ng/ul
RT: 22.94 min Scan# 6539
Delta R.T. 0.11 min
Lab File: BM021956.D
Acq: 09 Aug 2019 06:16

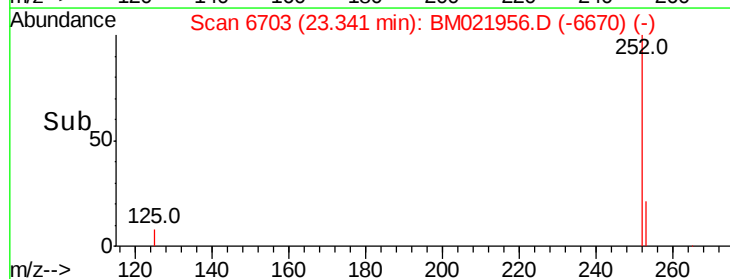
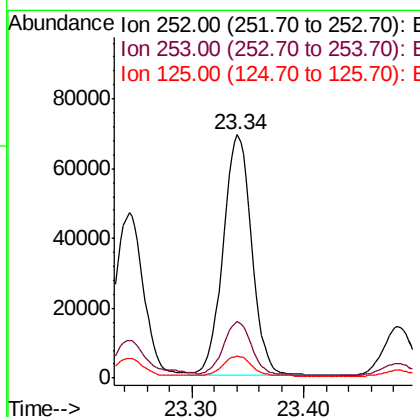
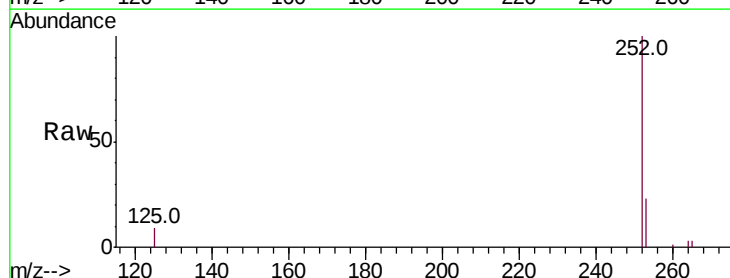
Instrument :
BNA_M
ClientSampleId :

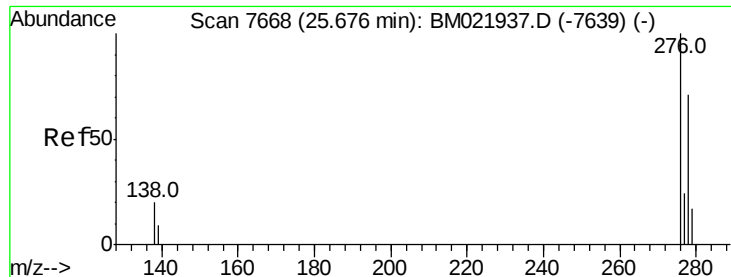
Tot Ion:252 Resp: 20539
Ion Ratio Lower Upper
252 100
253 28.7 27.0 40.4
125 12.7 12.2 18.2



#23
Benzo(a)pyrene
Concen: 3.670 ng/ul
RT: 23.34 min Scan# 6703
Delta R.T. -0.02 min
Lab File: BM021956.D
Acq: 09 Aug 2019 06:16

Tgt Ion:252 Resp: 121621
Ion Ratio Lower Upper
252 100
253 23.1 31.7 47.5#
125 9.1 14.6 21.8#



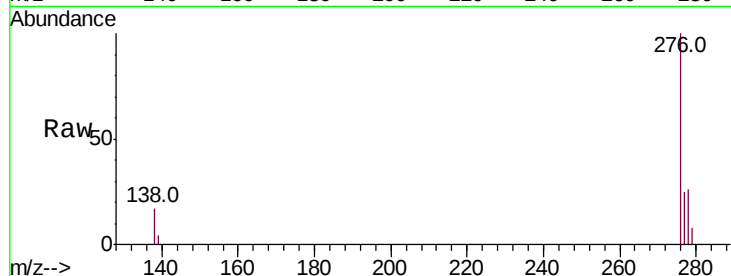


#24

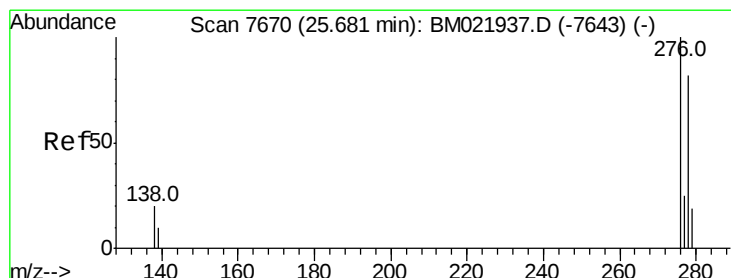
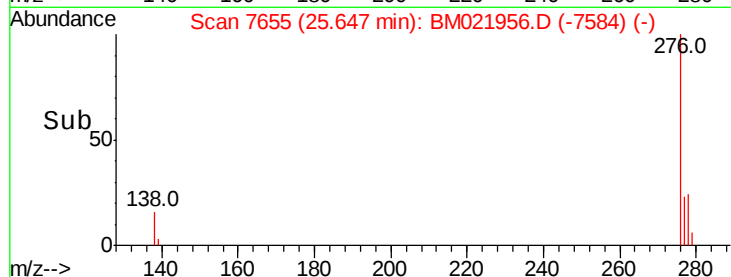
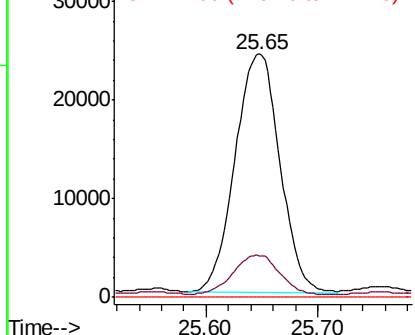
Indeno(1,2,3-cd)pyrene
Concen: 1.691 ng/ul
RT: 25.65 min Scan# 7655
Delta R.T. -0.03 min
Lab File: BM021956.D
Acq: 09 Aug 2019 06:16

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 66916
Ion Ratio Lower Upper
276 100
138 16.9 15.1 22.7
227 0.0 0.0 0.0



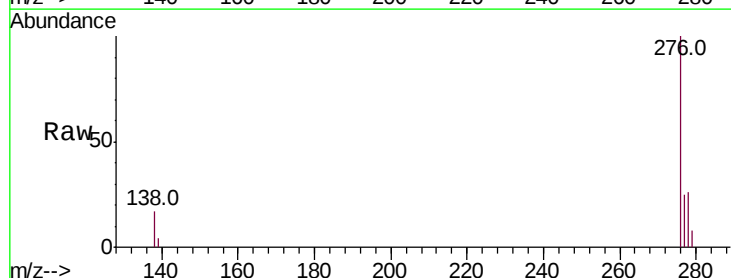
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



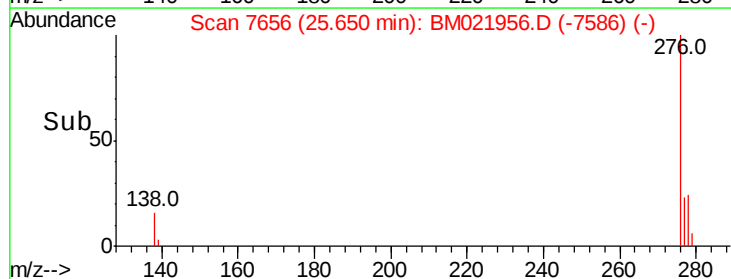
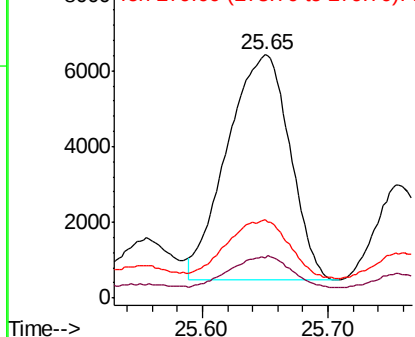
#25

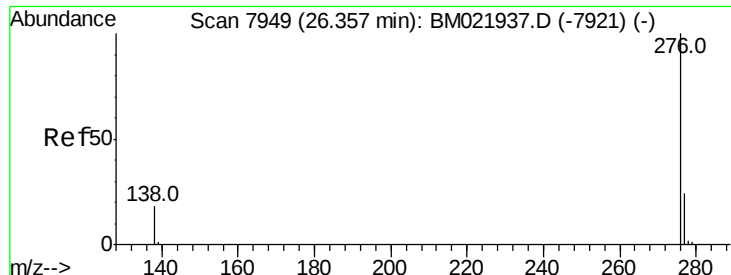
Dibenzo(a,h)anthracene
Concen: 0.643 ng/ul
RT: 25.65 min Scan# 7656
Delta R.T. -0.03 min
Lab File: BM021956.D
Acq: 09 Aug 2019 06:16

Tgt Ion:278 Resp: 20568
Ion Ratio Lower Upper
278 100
139 16.6 14.2 21.2
279 32.1 28.3 42.5



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





#26

Benzo(a,h,i)perylene

Concen: 1.951 ng/ul

RT: 26.33 min Scan# 7935

Delta R.T. -0.03 min

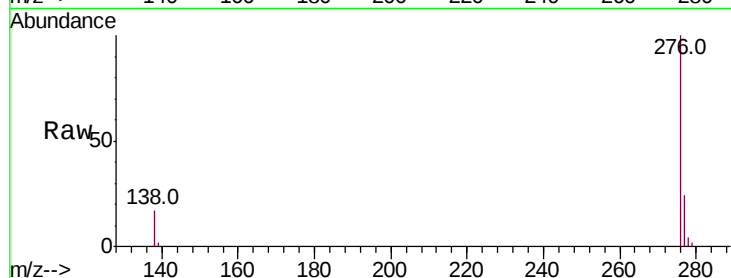
Lab File: BM021956.D

Acq: 09 Aug 2019 06:16

Instrument :

BNA_M

ClientSampleId :



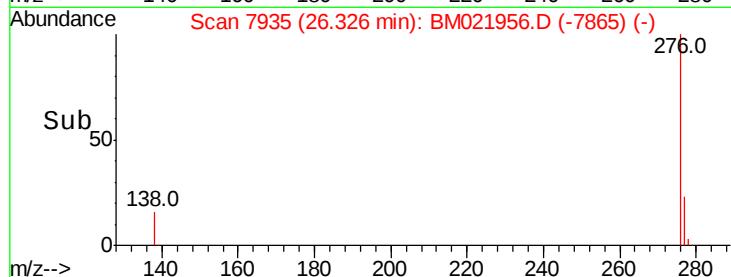
Tot Ion:276 Resp: 69519

Ion Ratio Lower Upper

276 100

138 17.4 15.5 23.3

277 24.4 21.4 32.2



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

