

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021955.D
 Acq On : 09 Aug 2019 05:40
 Operator : HP/JU
 Sample : K4028-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 09 09:21:21 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

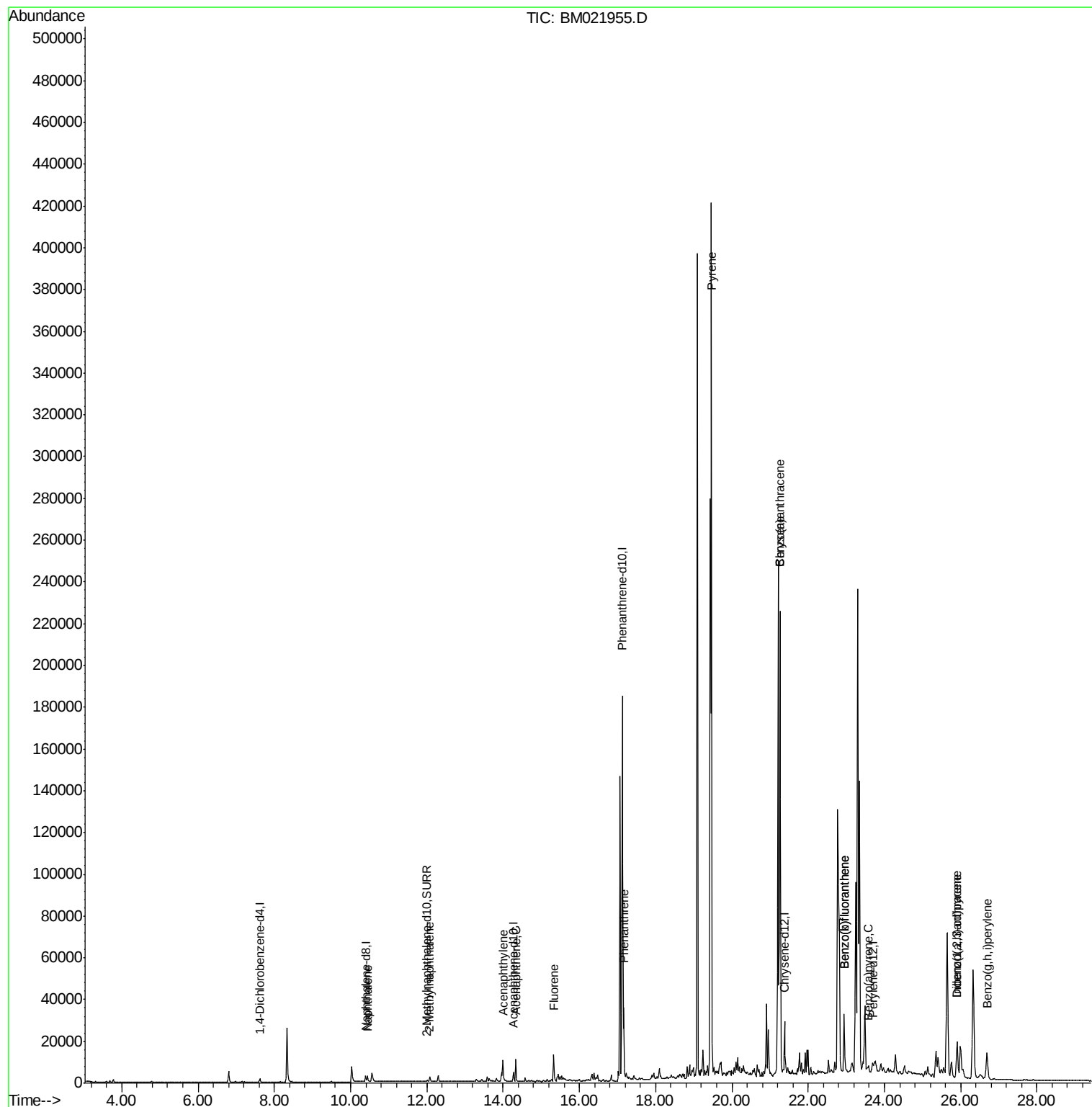
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	994	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4168	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2374	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.12	188	221372	0.40	ng/ul	0.08
16) Chrysene-d12	21.36	240	36	0.40	ng/ul	0.12
20) Perylene-d12	23.69	264	3520	0.40	ng/ul	0.23
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1076	0.16	ng/ul	-0.02
14) Fluoranthene-d10	19.16	212	323	0.00	ng/ul	0.08
Target Compounds				Ovalue		
3) Naphthalene	10.45	128	3660	0.311	ng/ul	97
5) 2-Methylnaphthalene	12.08	142	2047	0.261	ng/ul	96
7) Acenaphthylene	13.99	152	10920	0.986	ng/ul#	82
8) Acenaphthene	14.33	153	6011	0.664	ng/ul	96
9) Fluorene	15.33	166	8134	0.808	ng/ul	98
12) Phenanthrene	17.16	178	35318	0.055	ng/ul	97
17) Pyrene	19.46	202	353912	2392.352	ng/ul	98
18) Benzo(a)anthracene	21.26	228	205281	1594.173	ng/ul	97
19) Chrysene	21.26	228	205230	1239.255	ng/ul	99
21) Benzo(b)fluoranthene	22.94	252	38122	3.212	ng/ul	92
22) Benzo(k)fluoranthene	22.94	252	37749	2.810	ng/ul	93
23) Benzo(a)pyrene	23.57	252	882	0.073	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.90	276	7047	0.489	ng/ul#	53
25) Dibenzo(a,h)anthracene	25.90	278	26339	2.261	ng/ul	90
26) Benzo(g,h,i)perylene	26.69	276	26062	2.008	ng/ul	95

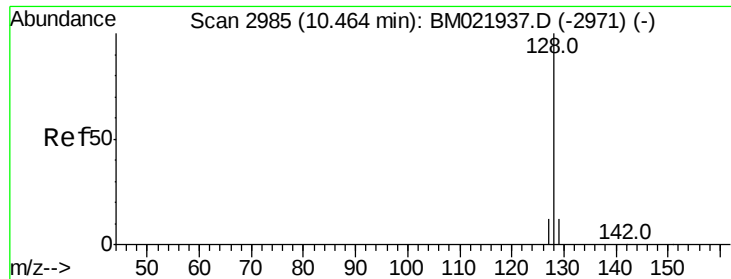
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 09 01:29:50 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.311 ng/ul

RT: 10.45 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

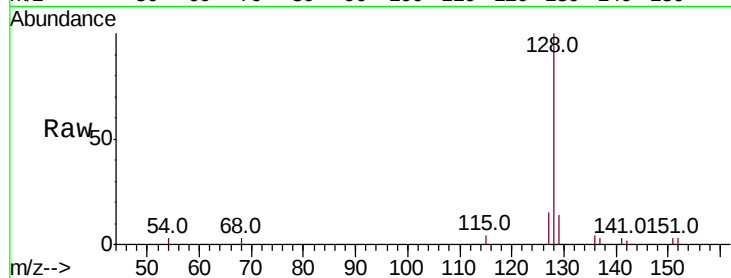
Instrument :

BNA_M

ClientSampleId :

Tot Ion:128 Resp: 3660

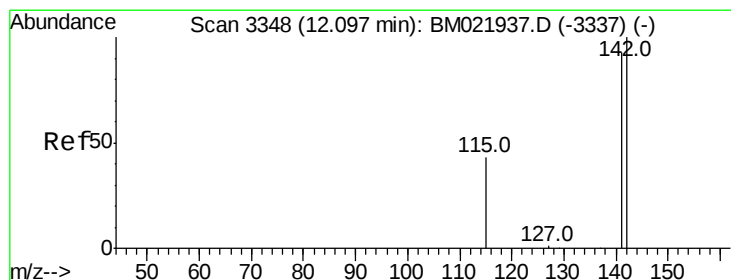
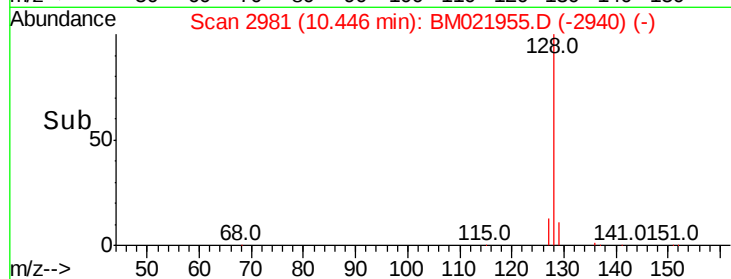
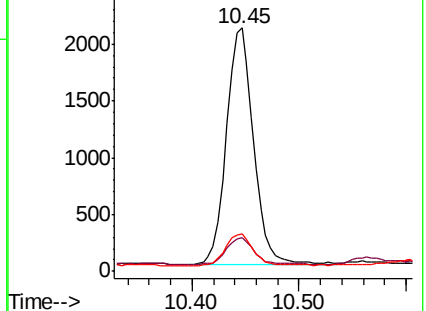
Ion	Ratio	Lower	Upper
128	100		
129	13.6	12.3	18.5
127	15.3	13.0	19.6



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: 0.261 ng/ul

RT: 12.08 min Scan# 3344

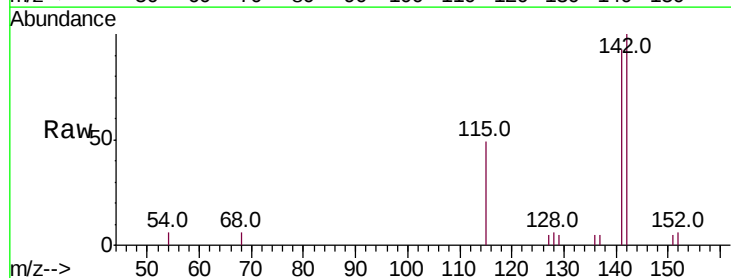
Delta R.T. -0.02 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

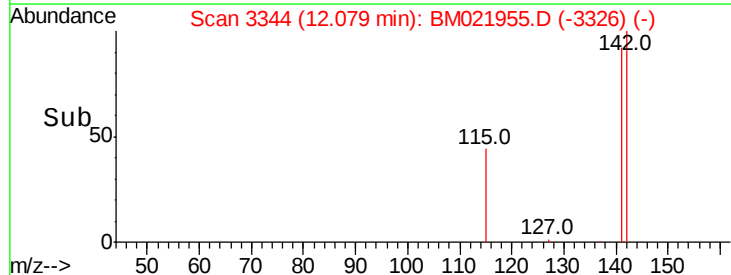
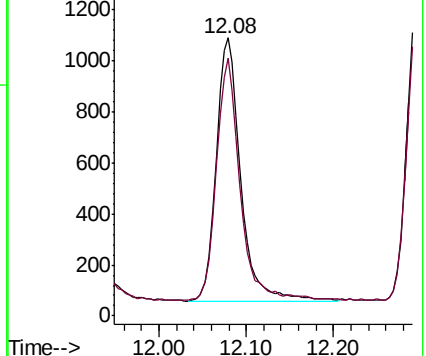
Tgt Ion:142 Resp: 2047

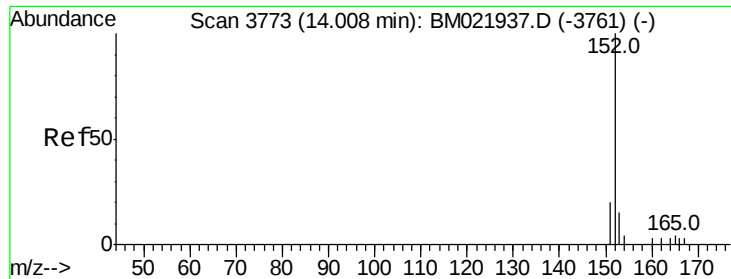
Ion	Ratio	Lower	Upper
142	100		
141	89.3	74.3	111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.986 ng/ul

RT: 13.99 min Scan# 3769

Delta R.T. -0.02 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

Instrument :

BNA_M

ClientSampleId :

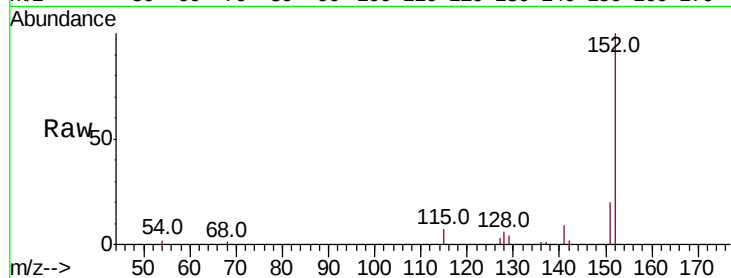
Tot Ion:152 Resp: 10920

Ion Ratio Lower Upper

152 100

151 20.5 18.3 27.5

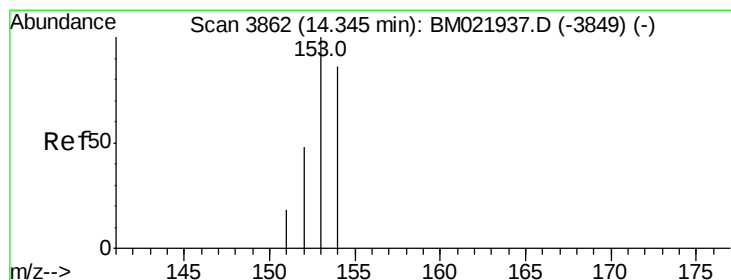
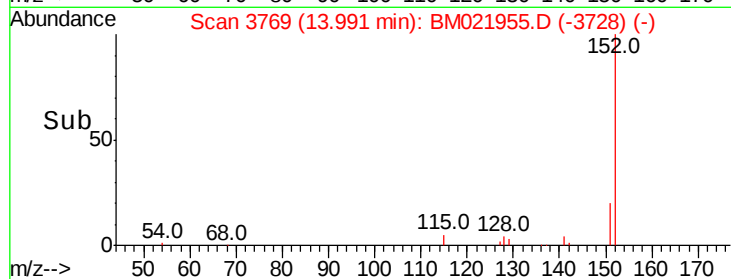
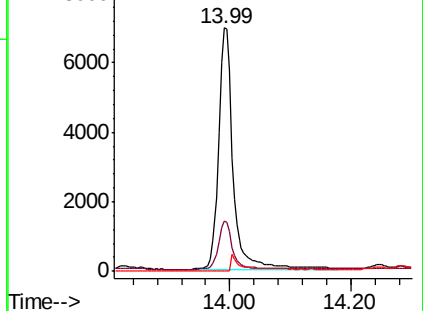
153 0.0 12.8 19.2#



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: 0.664 ng/ul

RT: 14.33 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

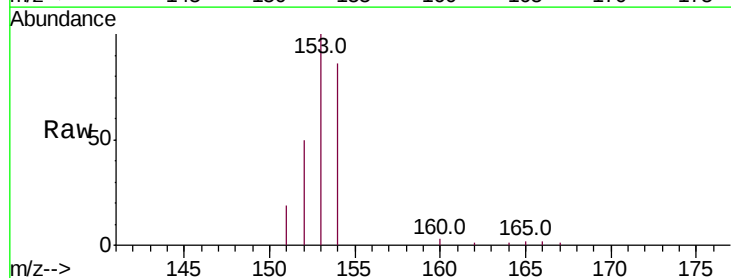
Tgt Ion:153 Resp: 6011

Ion Ratio Lower Upper

153 100

152 50.0 41.3 61.9

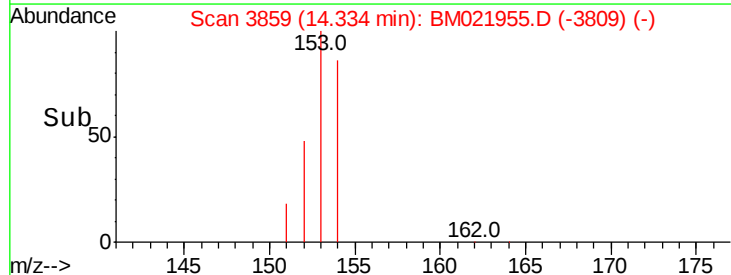
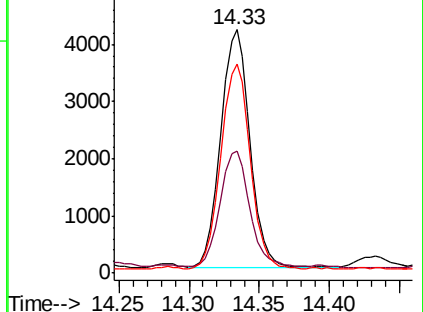
154 86.0 72.3 108.5

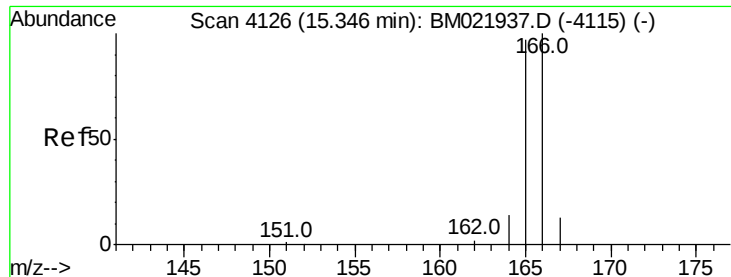


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





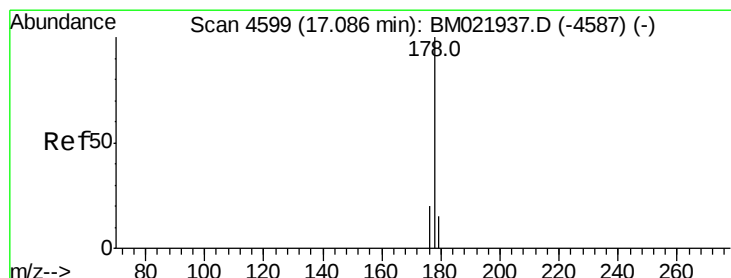
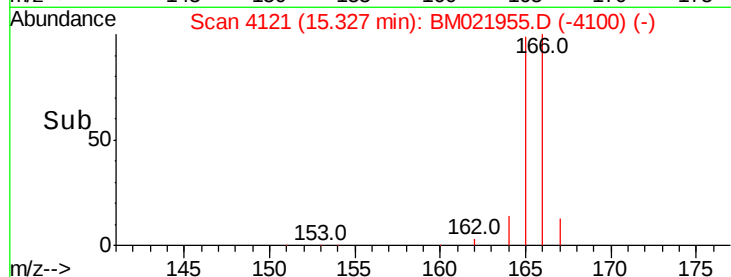
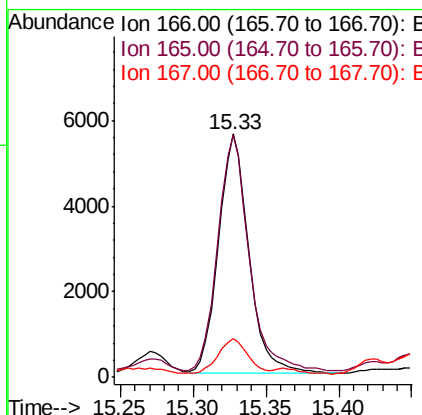
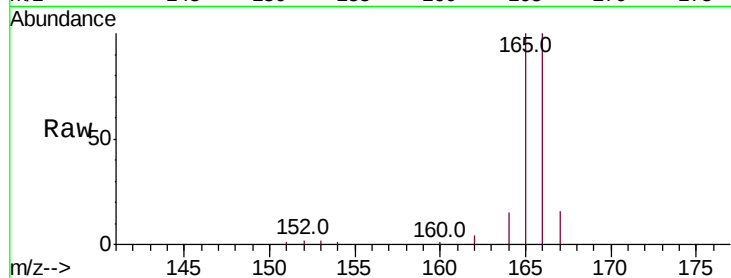
#9

Fluorene

Concen: 0.808 ng/ul
 RT: 15.33 min Scan# 4121
 Delta R.T. -0.02 min
 Lab File: BM021955.D
 Acq: 09 Aug 2019 05:40

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:166 Resp: 8134
 Ion Ratio Lower Upper
 166 100
 165 99.8 81.4 122.0
 167 15.8 13.7 20.5

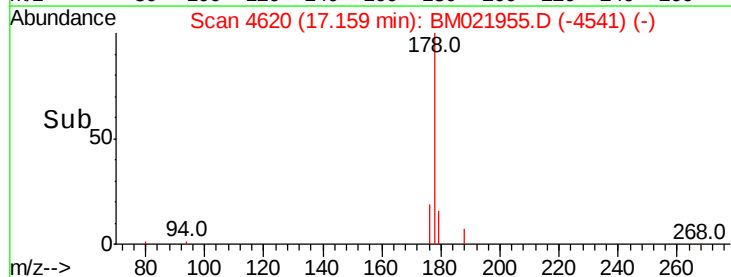
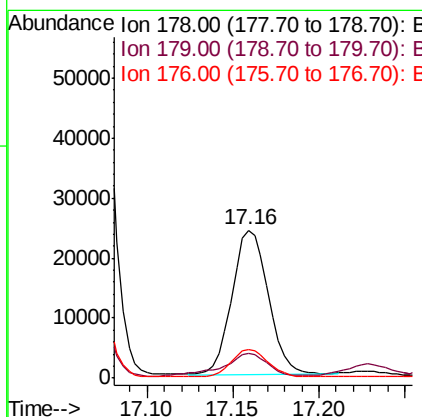
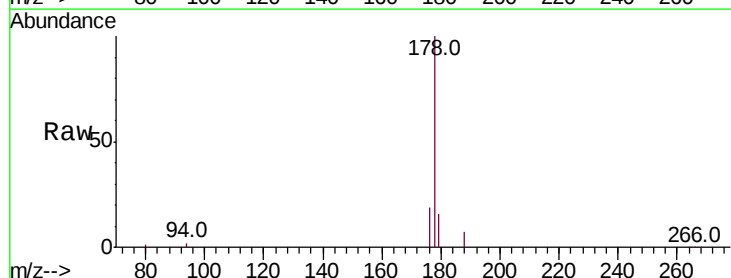


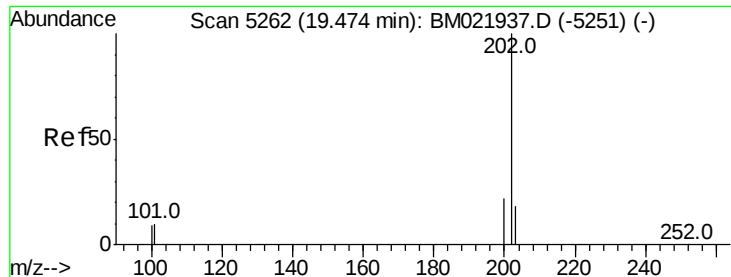
#12

Phenanthrene

Concen: 0.055 ng/ul
 RT: 17.16 min Scan# 4620
 Delta R.T. 0.07 min
 Lab File: BM021955.D
 Acq: 09 Aug 2019 05:40

Tgt Ion:178 Resp: 35318
 Ion Ratio Lower Upper
 178 100
 179 16.4 14.2 21.2
 176 19.3 16.8 25.2





#17

Pvrene

Concen: 2392.352 ng/ul

RT: 19.46 min Scan# 5258

Delta R.T. -0.02 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

Instrument :

BNA_M

ClientSampleId :

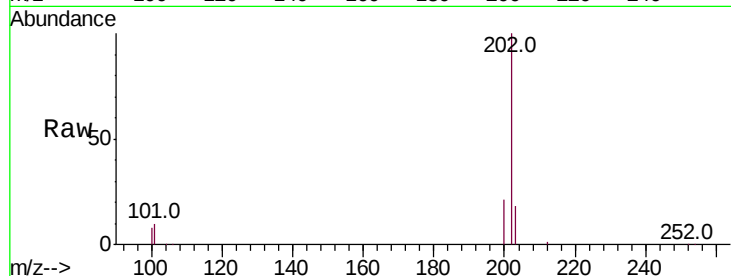
Tot Ion:202 Resp: 353912

Ion Ratio Lower Upper

202 100

101 9.8 8.3 12.5

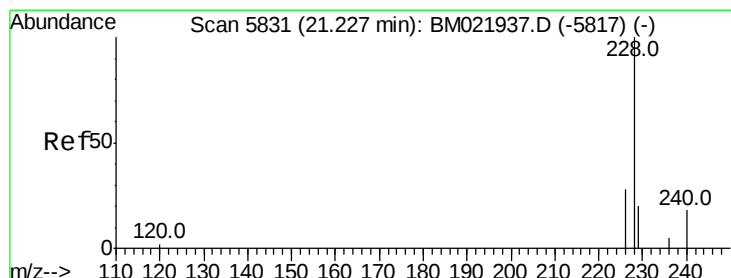
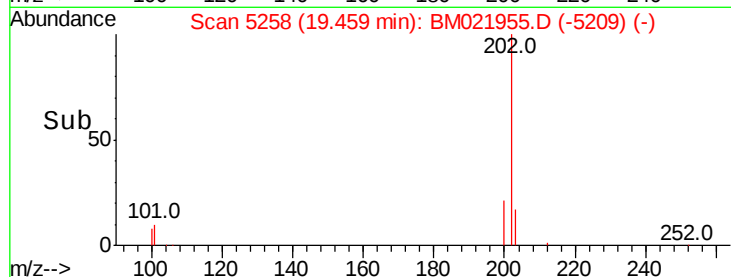
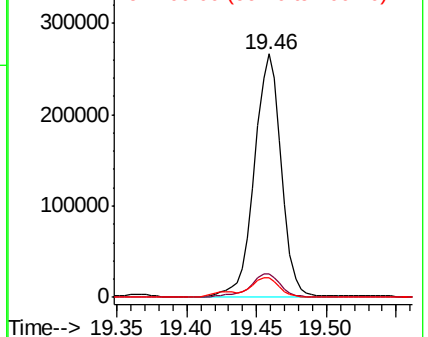
100 8.1 7.2 10.8



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



#18

Benzo(a)anthracene

Concen: 1594.173 ng/ul

RT: 21.26 min Scan# 5846

Delta R.T. 0.04 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

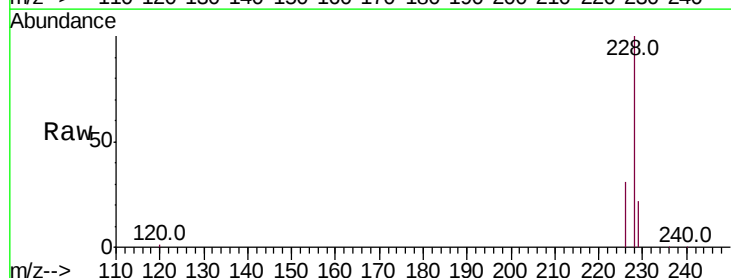
Tgt Ion:228 Resp: 205281

Ion Ratio Lower Upper

228 100

229 21.6 17.2 25.8

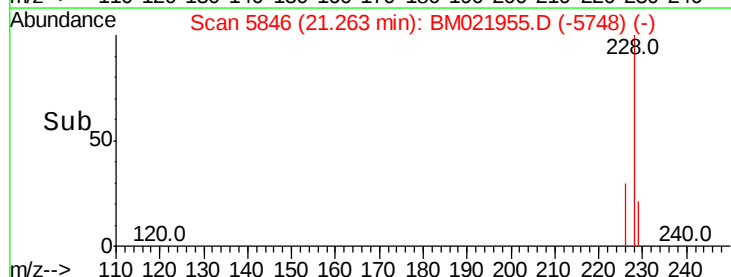
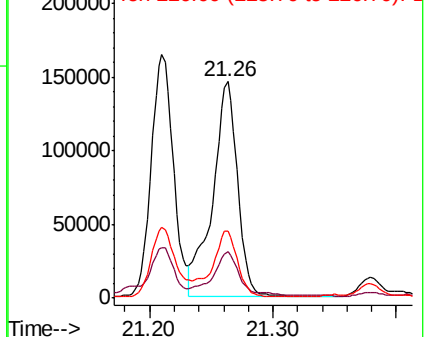
226 30.9 22.6 34.0

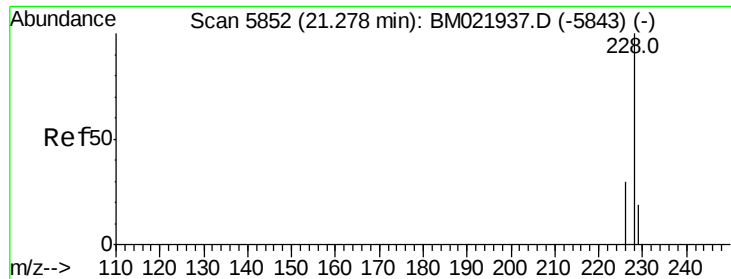


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 1239.255 ng/ul

RT: 21.26 min Scan# 5846

Delta R.T. -0.01 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

Instrument :

BNA_M

ClientSampleId :

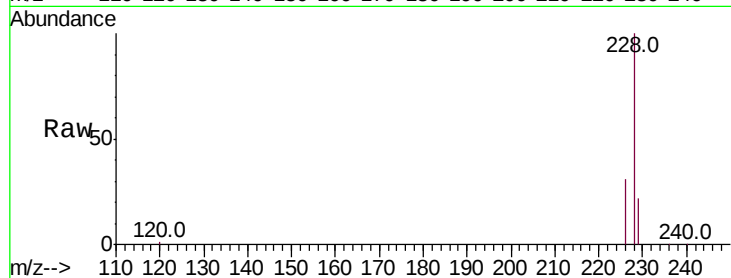
Tot Ion:228 Resp: 205230

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

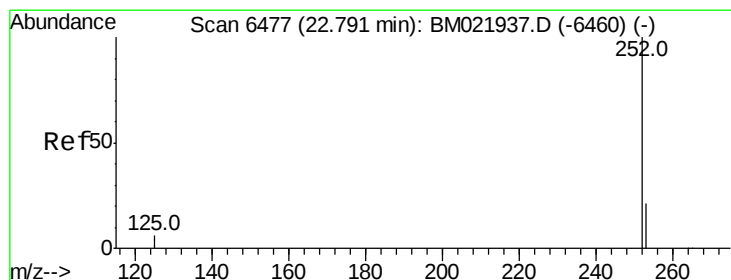
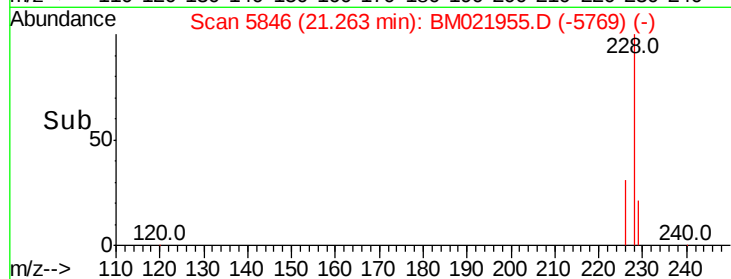
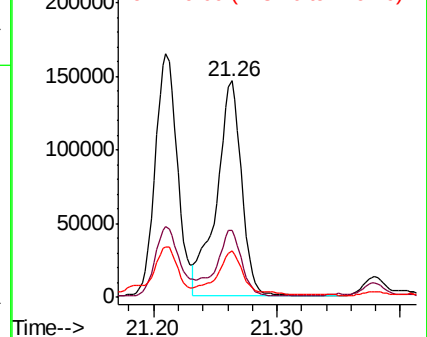
229 21.6 16.6 25.0



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: 3.212 ng/ul

RT: 22.94 min Scan# 6540

Delta R.T. 0.15 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

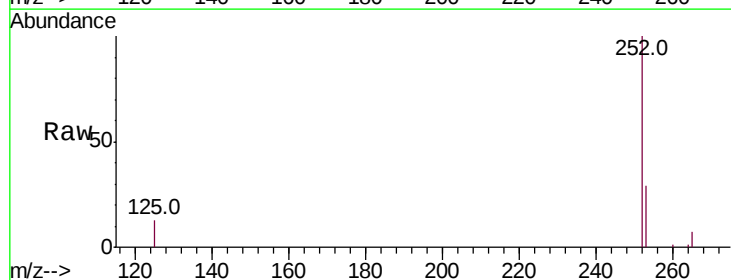
Tgt Ion:252 Resp: 38122

Ion Ratio Lower Upper

252 100

253 28.6 0.0 67.4

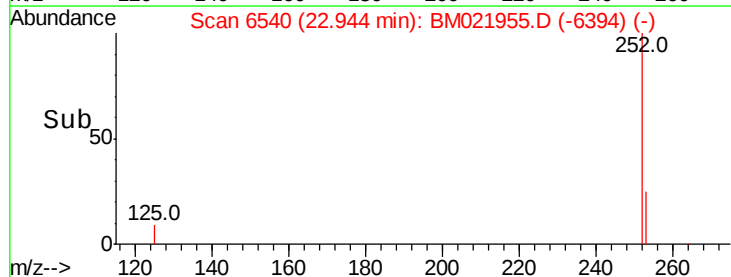
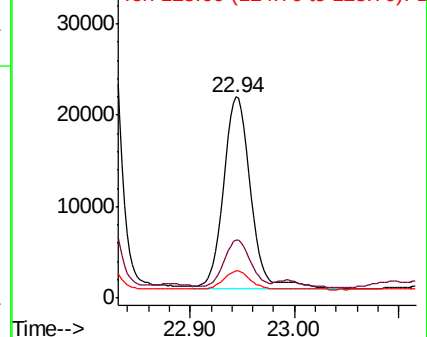
125 13.5 0.0 31.0

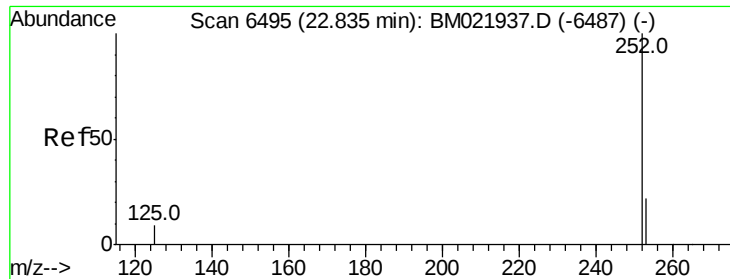


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.810 ng/ul

RT: 22.94 min Scan# 6540

Delta R.T. 0.11 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

Instrument :

BNA_M

ClientSampleId :

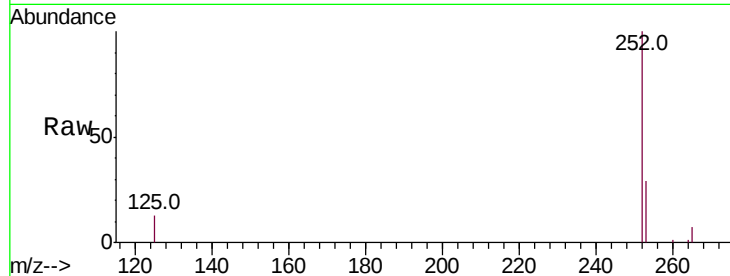
Tot Ion:252 Resp: 37749

Ion Ratio Lower Upper

252 100

253 28.6 27.0 40.4

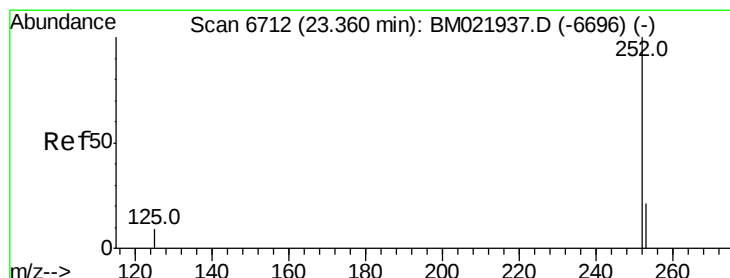
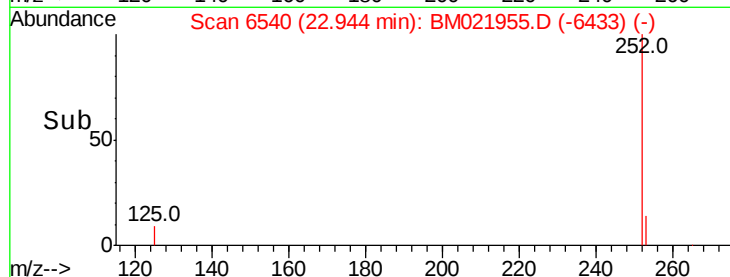
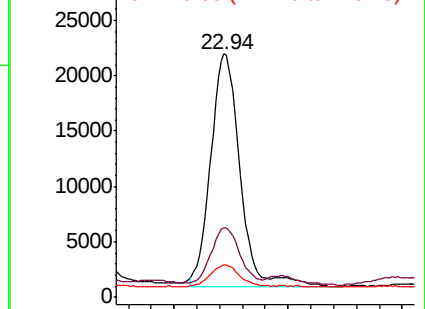
125 13.5 12.2 18.2



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



#23

Benzo(a)pyrene

Concen: 0.073 ng/ul

RT: 23.57 min Scan# 6798

Delta R.T. 0.21 min

Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

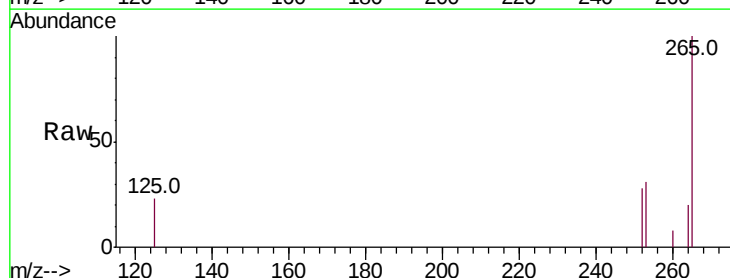
Tgt Ion:252 Resp: 882

Ion Ratio Lower Upper

252 100

253 113.3 31.7 47.5#

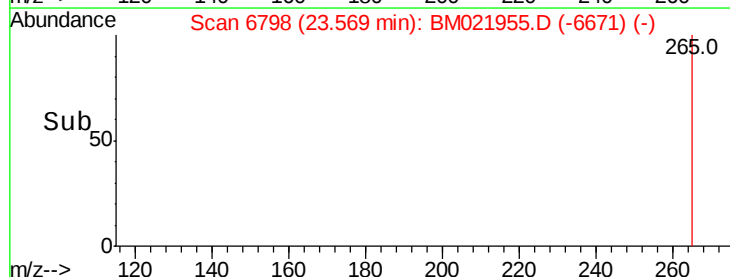
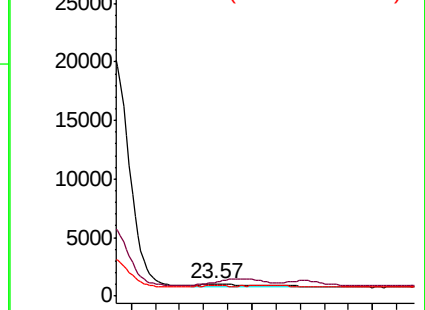
125 84.3 14.6 21.8#

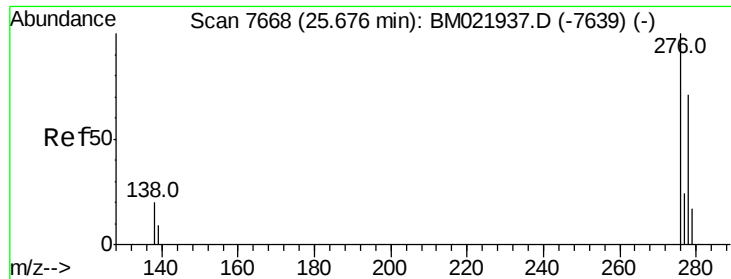


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



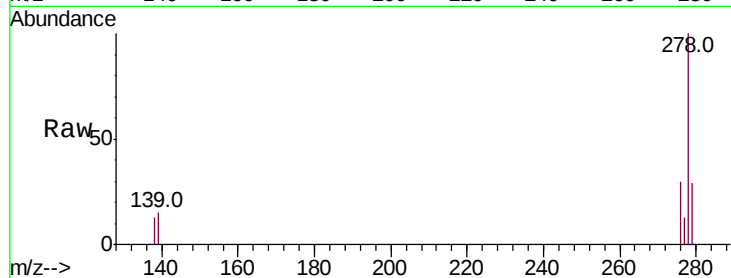


#24

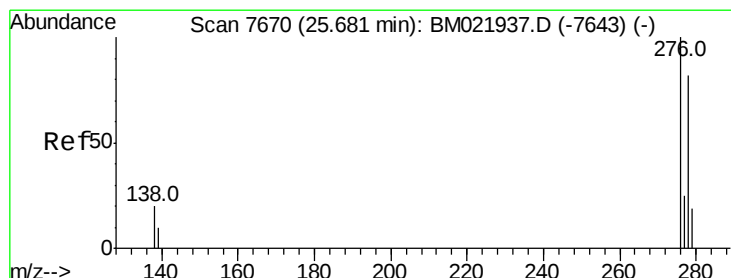
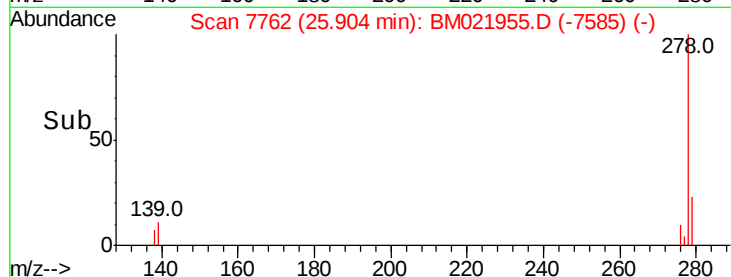
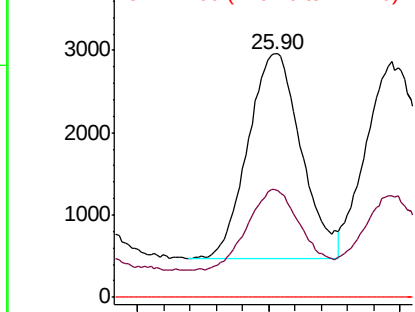
Indeno(1,2,3-cd)pyrene
Concen: 0.489 ng/ul
RT: 25.90 min Scan# 7762
Delta R.T. 0.23 min
Lab File: BM021955.D
Acq: 09 Aug 2019 05:40

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 7047
Ion Ratio Lower Upper
276 100
138 40.0 15.1 22.7#
227 0.0 0.0 0.0



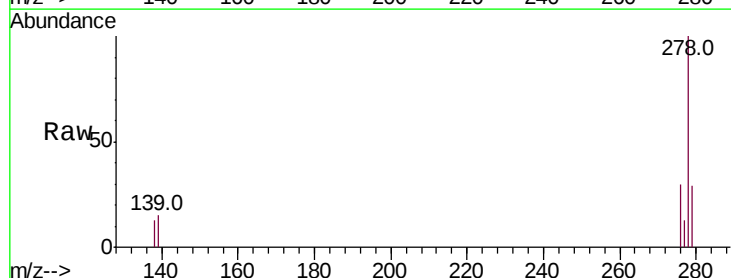
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



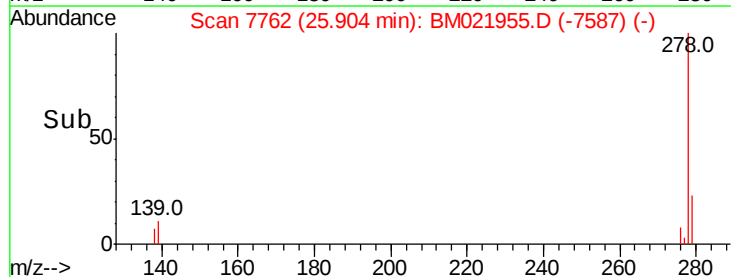
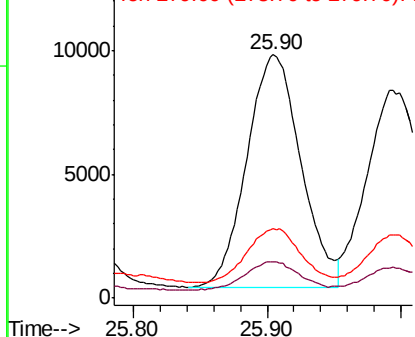
#25

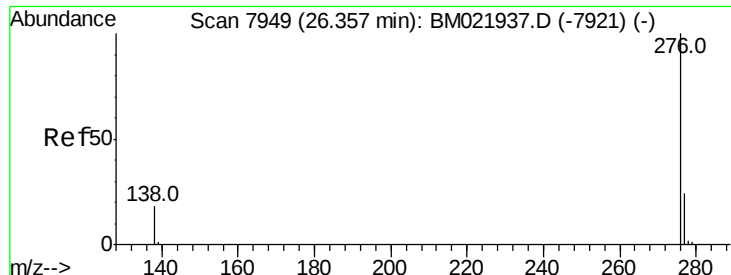
Dibenzo(a,h)anthracene
Concen: 2.261 ng/ul
RT: 25.90 min Scan# 7762
Delta R.T. 0.22 min
Lab File: BM021955.D
Acq: 09 Aug 2019 05:40

Tgt Ion:278 Resp: 26339
Ion Ratio Lower Upper
278 100
139 14.8 14.2 21.2
279 28.8 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: 2.008 ng/ul

RT: 26.69 min Scan# 8086

Delta R.T. 0.33 min

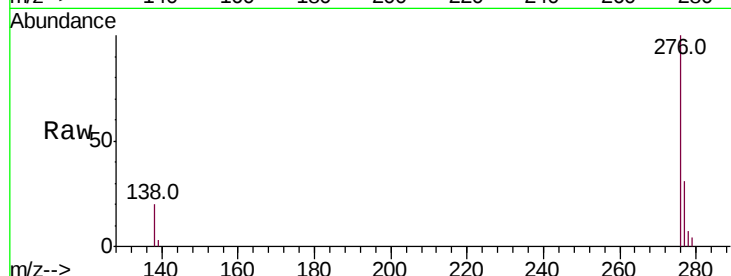
Lab File: BM021955.D

Acq: 09 Aug 2019 05:40

Instrument :

BNA_M

ClientSampleId :



Tot Ion:276 Resp: 26062

Ion Ratio Lower Upper

276 100

138 20.1 15.5 23.3

277 30.7 21.4 32.2

