

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080719\
 Data File : BM021957.D
 Acq On : 09 Aug 2019 06:52
 Operator : HP/JU
 Sample : K4028-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 09 09:21:40 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

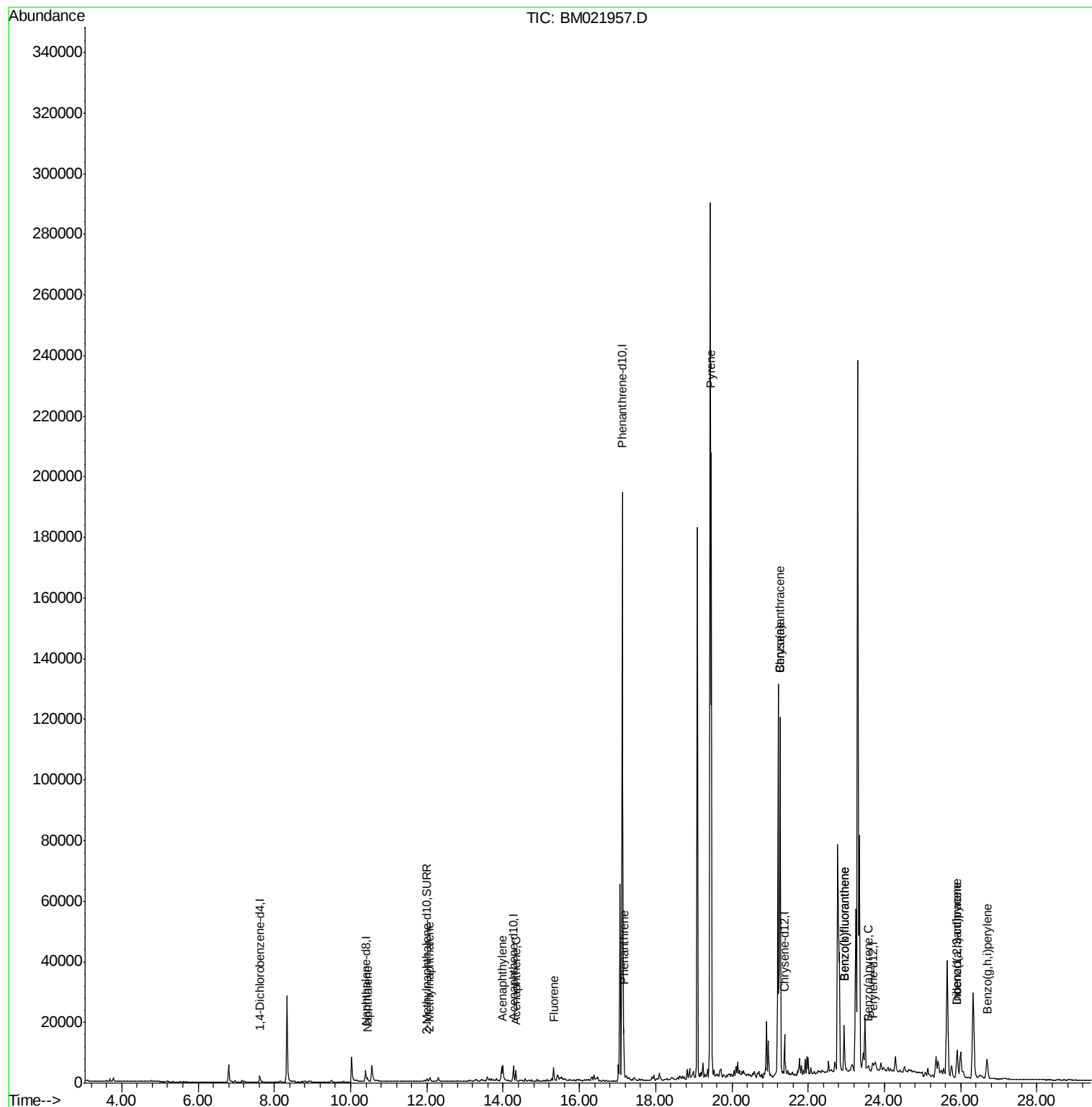
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1109	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4900	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	2750	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.12	188	230698	0.40	ng/ul	0.08
16) Chrysene-d12	21.39	240	63	0.40	ng/ul	0.15
20) Perylene-d12	23.69	264	1933	0.40	ng/ul	0.23
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	1168	0.14	ng/ul	-0.02
14) Fluoranthene-d10	19.16	212	182	0.00	ng/ul	0.08
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	1669	0.121	ng/ul	98
5) 2-Methylnaphthalene	12.08	142	1043	0.113	ng/ul	96
7) Acenaphthylene	13.99	152	5916	0.461	ng/ul#	83
8) Acenaphthene	14.33	153	2197	0.209	ng/ul	97
9) Fluorene	15.33	166	2921	0.251	ng/ul	98
12) Phenanthrene	17.16	178	15725	0.023	ng/ul	98
17) Pyrene	19.45	202	178774	690.551	ng/ul	99
18) Benzo(a)anthracene	21.26	228	114538	508.274	ng/ul	96
19) Chrysene	21.26	228	114538	395.213	ng/ul	99
21) Benzo(b)fluoranthene	22.94	252	19688	3.020	ng/ul	94
22) Benzo(k)fluoranthene	22.94	252	19549	2.650	ng/ul	94
23) Benzo(a)pyrene	23.57	252	482	0.073	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.91	276	3672	0.464	ng/ul#	49
25) Dibenzo(a,h)anthracene	25.91	278	14129	2.209	ng/ul	94
26) Benzo(g,h,i)perylene	26.69	276	13844	1.943	ng/ul	92

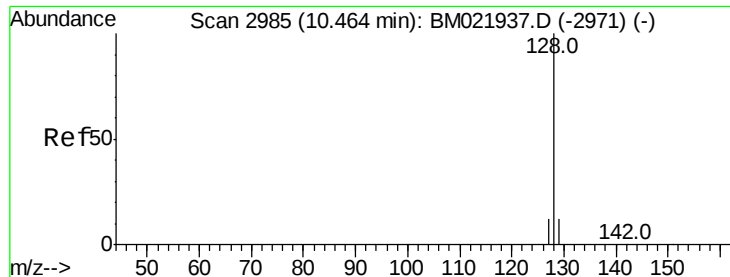
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 09 01:29:50 2019
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#3

Naphthalene

Concen: 0.121 ng/ul

RT: 10.44 min Scan# 2980

Delta R.T. -0.02 min

Lab File: BM021957.D

Acq: 09 Aug 2019 06:52

Instrument :

BNA_M

ClientSampleId :

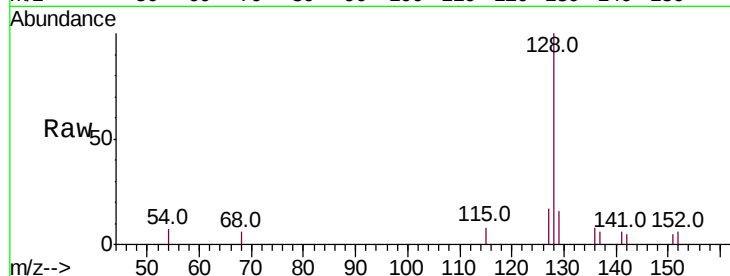
Tot Ion:128 Resp: 1669

Ion Ratio Lower Upper

128 100

129 16.5 12.3 18.5

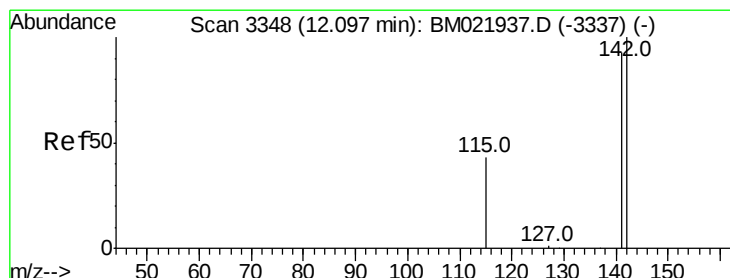
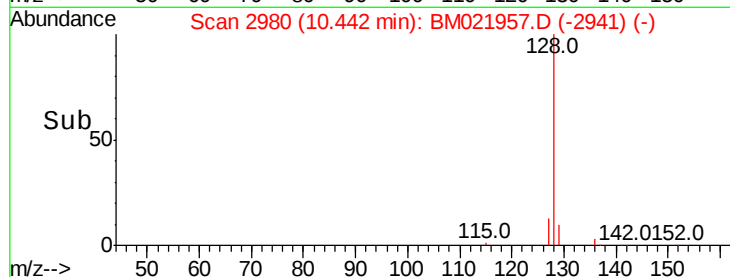
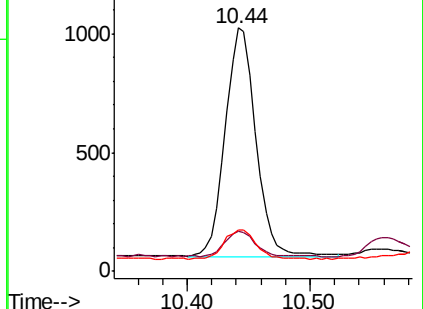
127 17.1 13.0 19.6



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: 0.113 ng/ul

RT: 12.08 min Scan# 3344

Delta R.T. -0.02 min

Lab File: BM021957.D

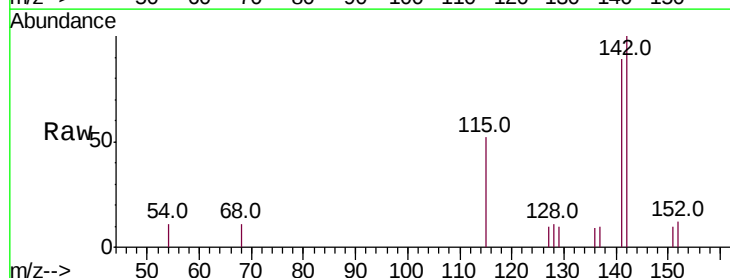
Acq: 09 Aug 2019 06:52

Tgt Ion:142 Resp: 1043

Ion Ratio Lower Upper

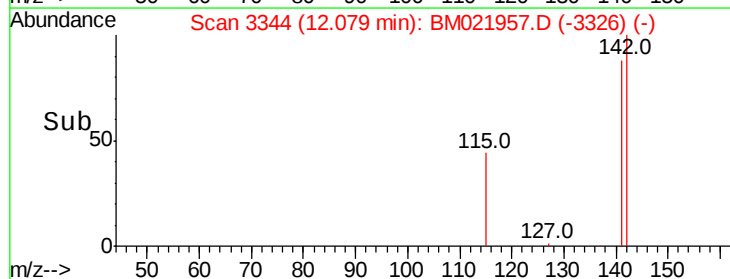
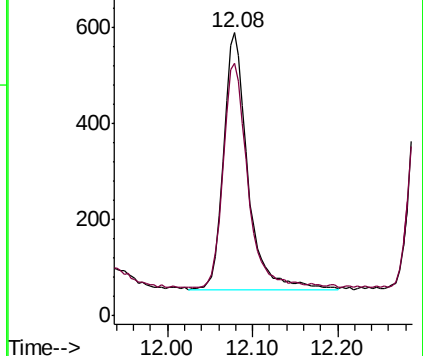
142 100

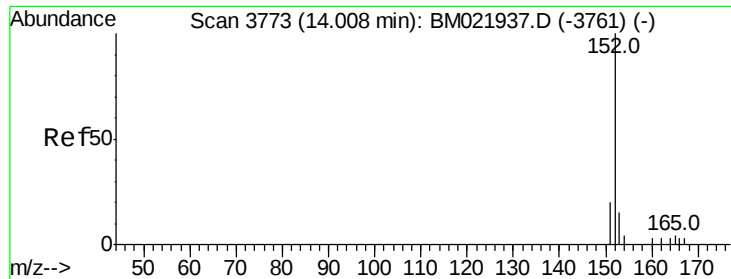
141 89.0 74.3 111.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.461 ng/ul

RT: 13.99 min Scan# 3770

Delta R.T. -0.01 min

Lab File: BM021957.D

Acq: 09 Aug 2019 06:52

Instrument :

BNA_M

ClientSampleId :

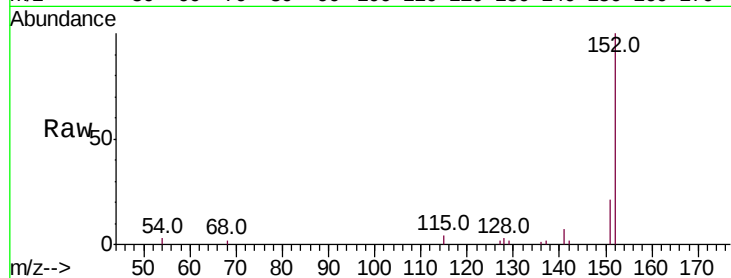
Tot Ion:152 Resp: 5916

Ion Ratio Lower Upper

152 100

151 21.3 18.3 27.5

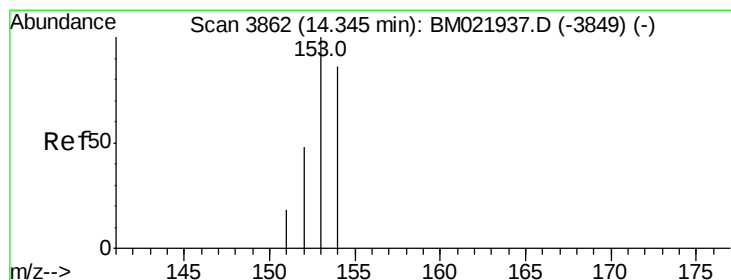
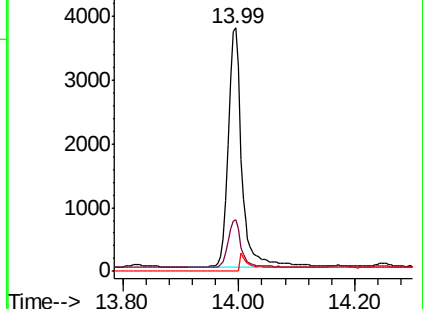
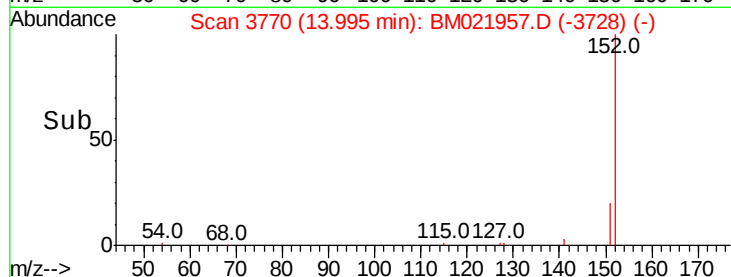
153 0.0 12.8 19.2#



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: 0.209 ng/ul

RT: 14.33 min Scan# 3859

Delta R.T. -0.01 min

Lab File: BM021957.D

Acq: 09 Aug 2019 06:52

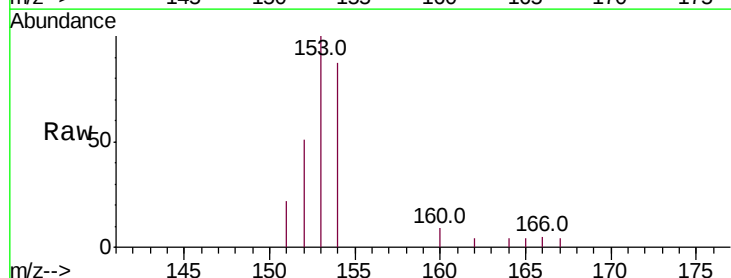
Tgt Ion:153 Resp: 2197

Ion Ratio Lower Upper

153 100

152 51.2 41.3 61.9

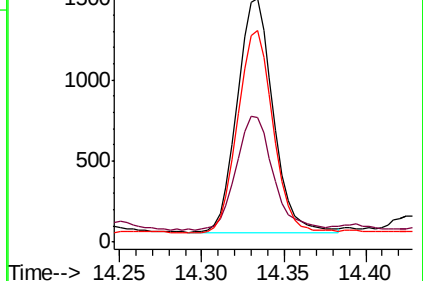
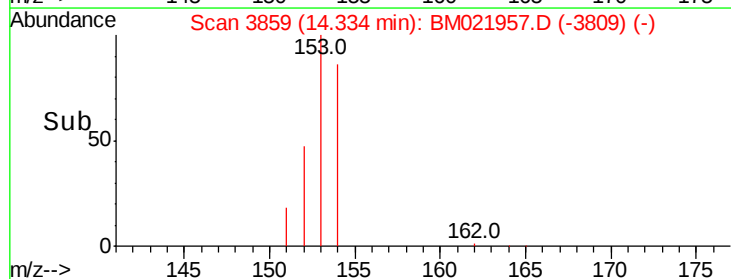
154 86.7 72.3 108.5

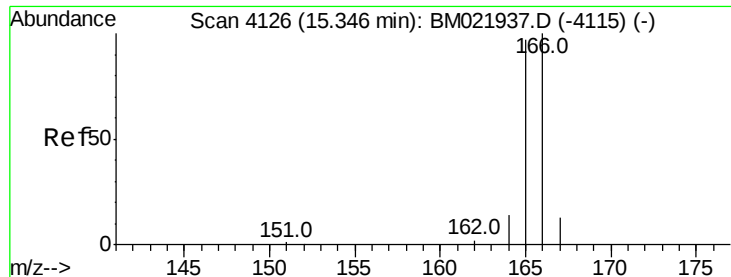


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

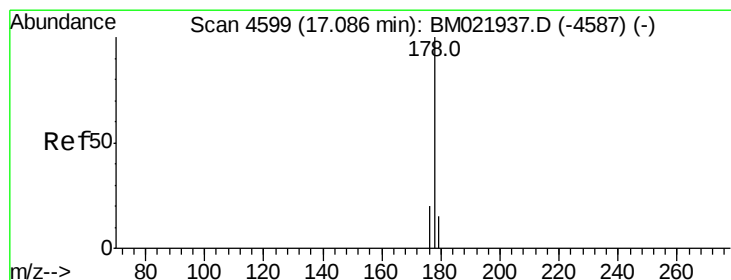
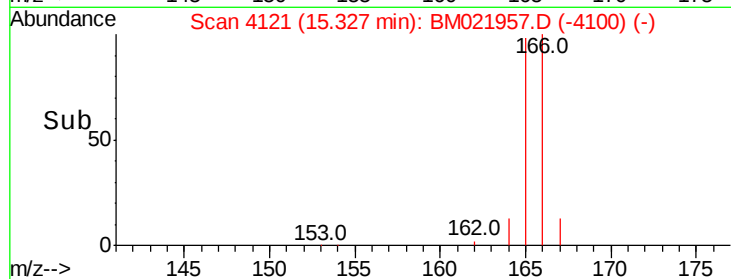
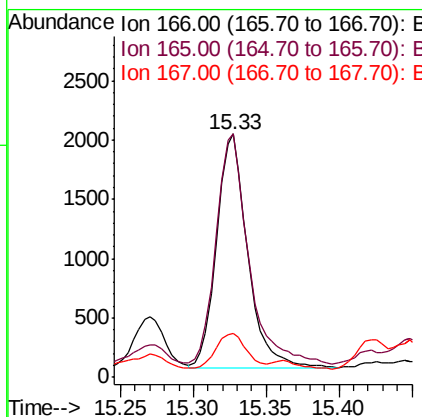
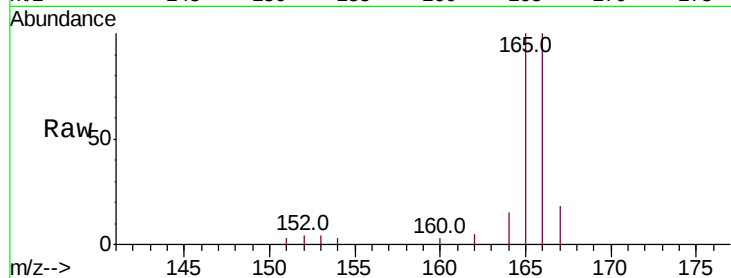




#9
Fluorene
 Concen: 0.251 ng/ul
 RT: 15.33 min Scan# 4121
 Delta R.T. -0.02 min
 Lab File: BM021957.D
 Acq: 09 Aug 2019 06:52

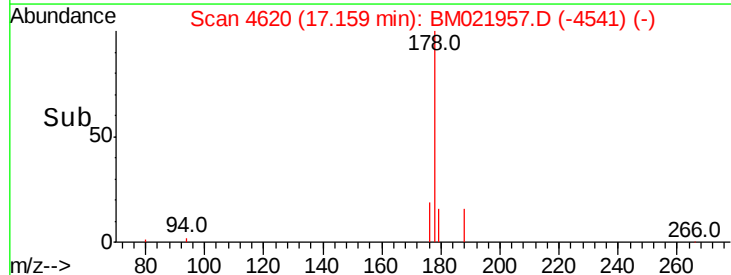
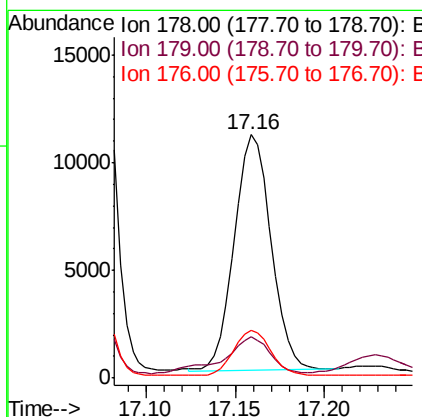
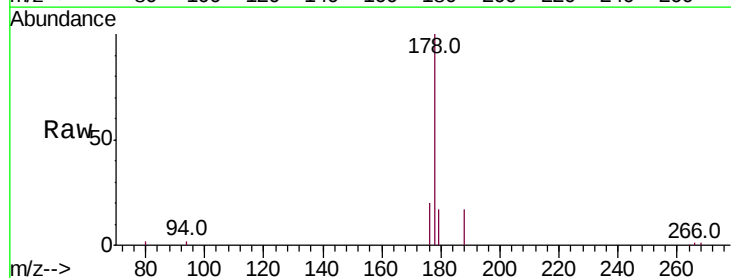
Instrument :
 BNA_M
 ClientSampleId :

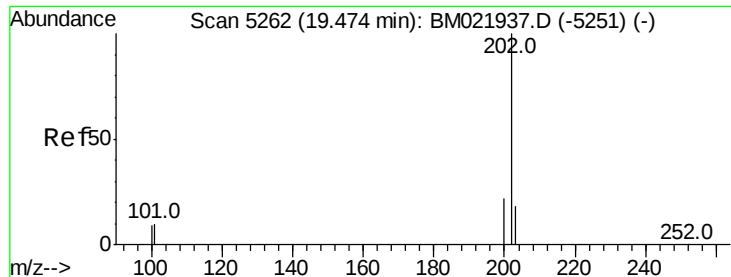
Tot Ion:166 Resp: 2921
 Ion Ratio Lower Upper
 166 100
 165 99.9 81.4 122.0
 167 18.2 13.7 20.5



#12
Phenanthrene
 Concen: 0.023 ng/ul
 RT: 17.16 min Scan# 4620
 Delta R.T. 0.07 min
 Lab File: BM021957.D
 Acq: 09 Aug 2019 06:52

Tgt Ion:178 Resp: 15725
 Ion Ratio Lower Upper
 178 100
 179 16.8 14.2 21.2
 176 19.6 16.8 25.2





#17

Pvrene

Concen: 690.551 ng/ul

RT: 19.45 min Scan# 5257

Delta R.T. -0.02 min

Lab File: BM021957.D

Acq: 09 Aug 2019 06:52

Instrument :

BNA_M

ClientSampleId :

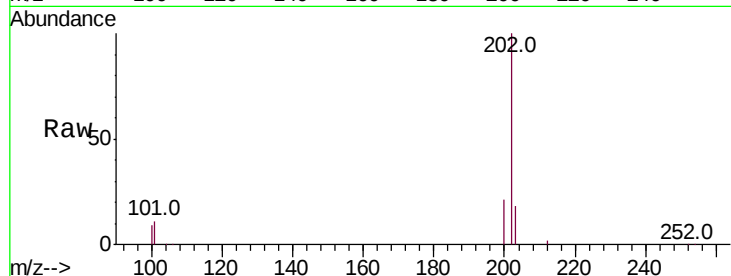
Tot Ion:202 Resp: 178774

Ion Ratio Lower Upper

202 100

101 10.7 8.3 12.5

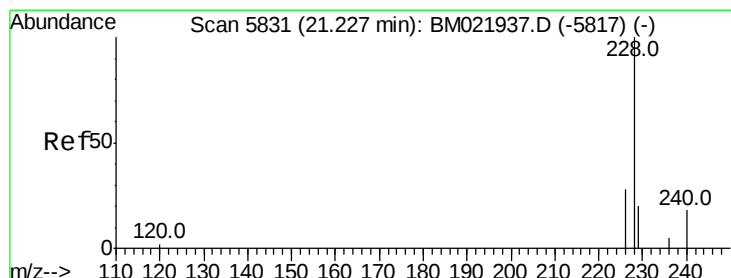
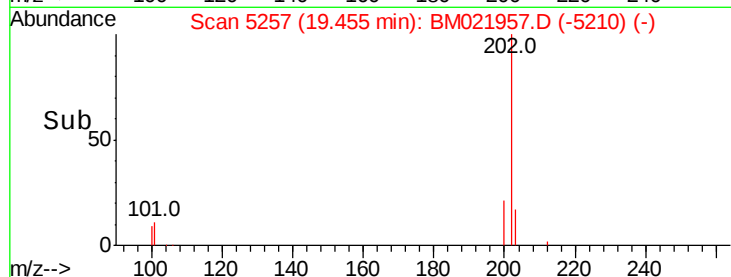
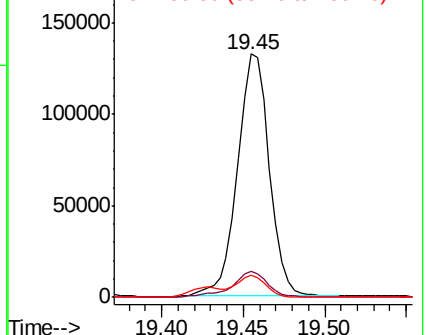
100 8.9 7.2 10.8



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: 508.274 ng/ul

RT: 21.26 min Scan# 5846

Delta R.T. 0.04 min

Lab File: BM021957.D

Acq: 09 Aug 2019 06:52

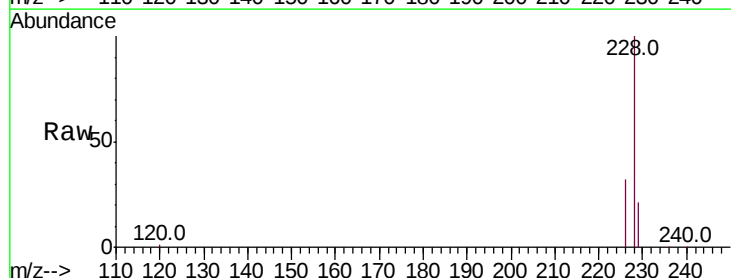
Tgt Ion:228 Resp: 114538

Ion Ratio Lower Upper

228 100

229 21.2 17.2 25.8

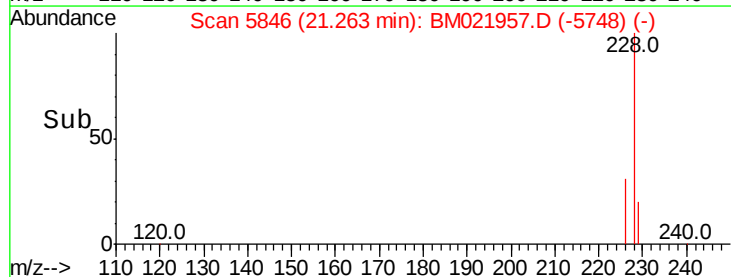
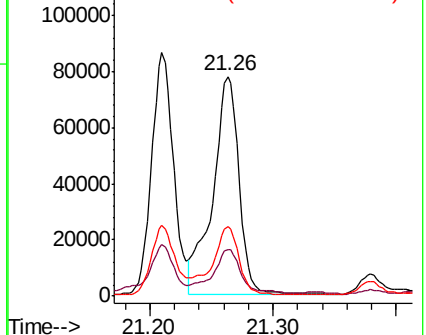
226 31.6 22.6 34.0

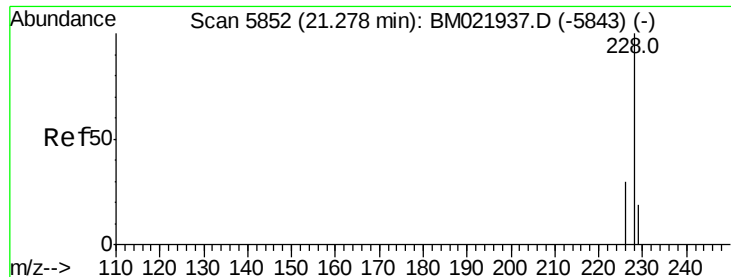


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 395.213 ng/ul

RT: 21.26 min Scan# 5846

Delta R.T. -0.01 min

Lab File: BM021957.D

Acq: 09 Aug 2019 06:52

Instrument :

BNA_M

ClientSampled :

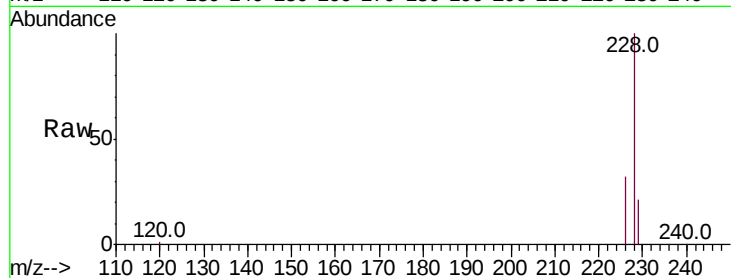
Tot Ion:228 Resp: 114538

Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

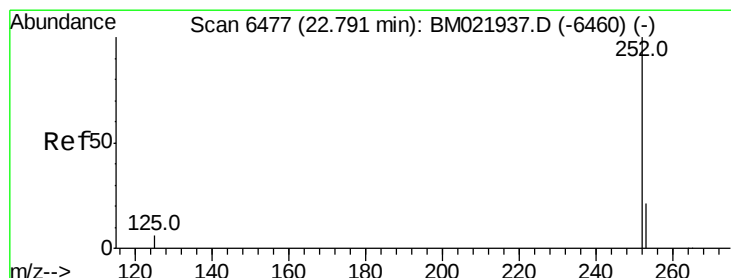
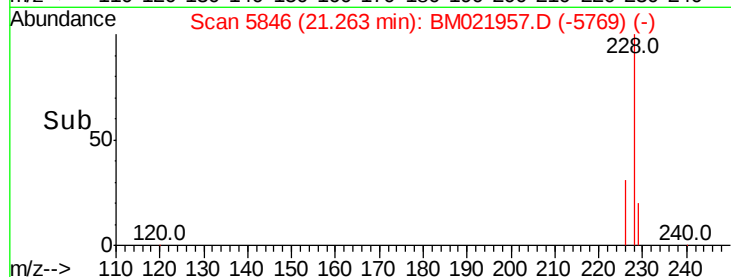
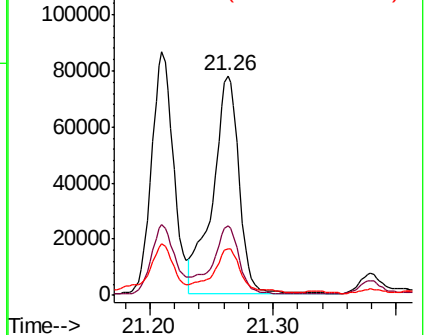
229 21.2 16.6 25.0



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: 3.020 ng/ul

RT: 22.94 min Scan# 6540

Delta R.T. 0.15 min

Lab File: BM021957.D

Acq: 09 Aug 2019 06:52

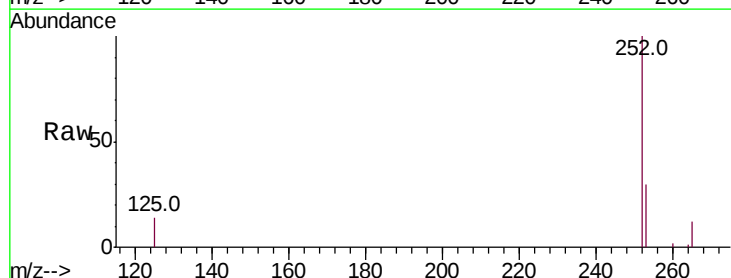
Tgt Ion:252 Resp: 19688

Ion Ratio Lower Upper

252 100

253 29.8 0.0 67.4

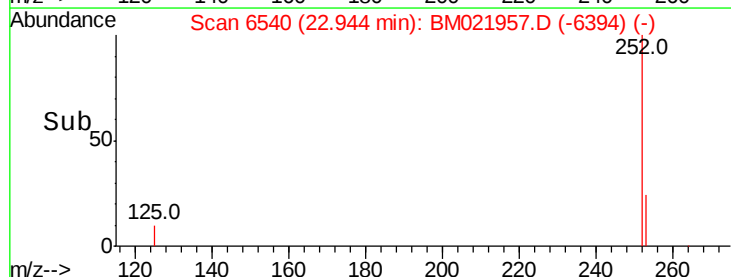
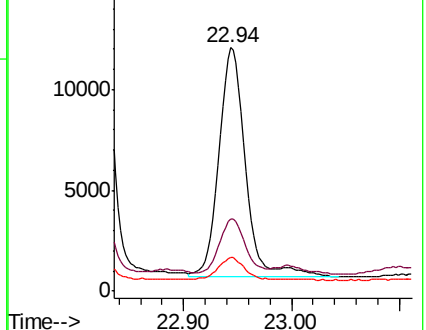
125 13.8 0.0 31.0

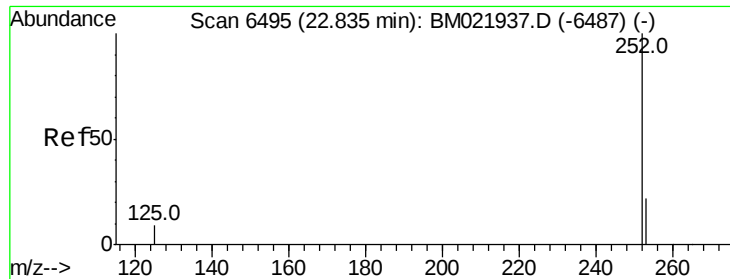


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

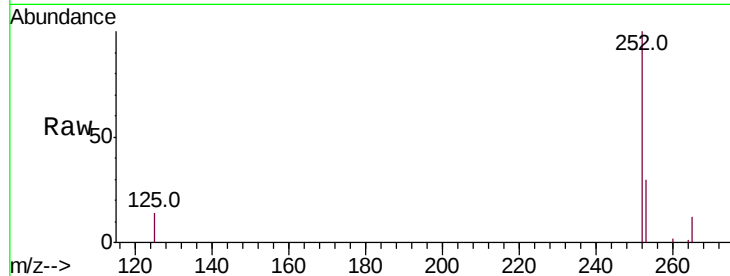




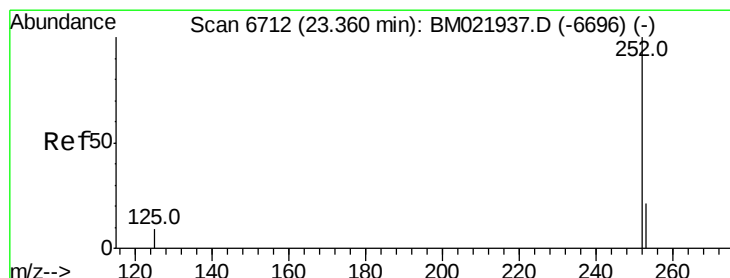
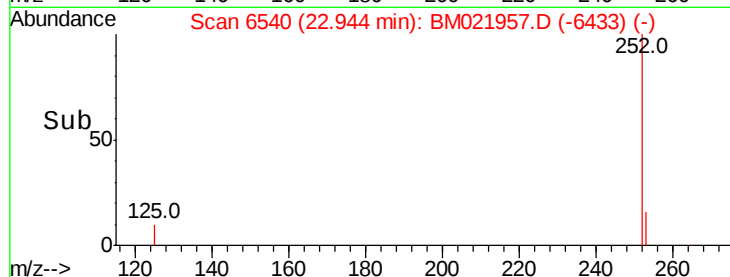
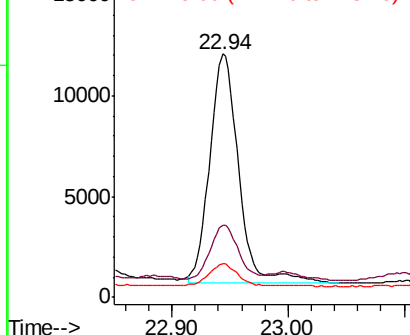
#22
Benzo(k)fluoranthene
Concen: 2.650 ng/ul
RT: 22.94 min Scan# 6540
Delta R.T. 0.11 min
Lab File: BM021957.D
Acq: 09 Aug 2019 06:52

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 19549
Ion Ratio Lower Upper
252 100
253 29.8 27.0 40.4
125 13.8 12.2 18.2

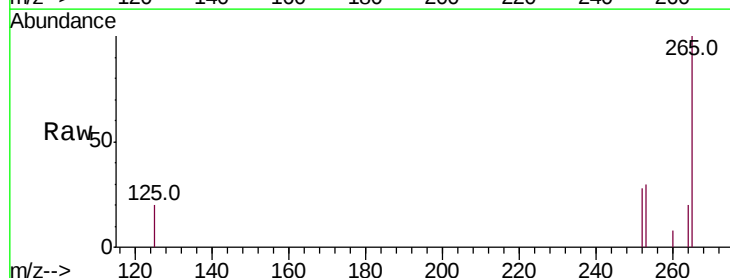


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

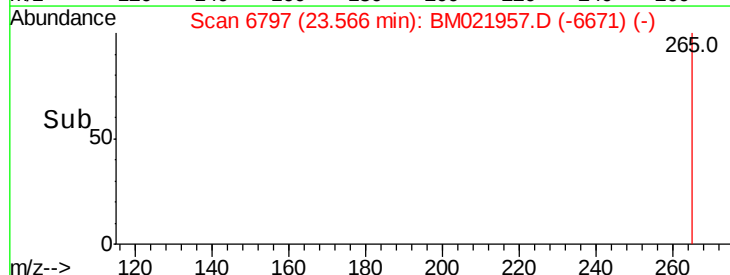
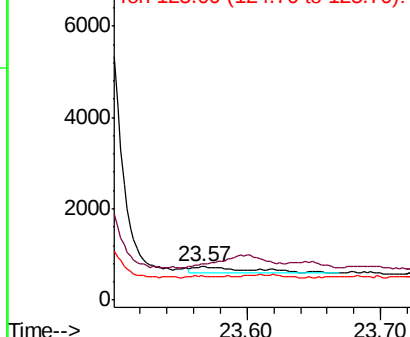


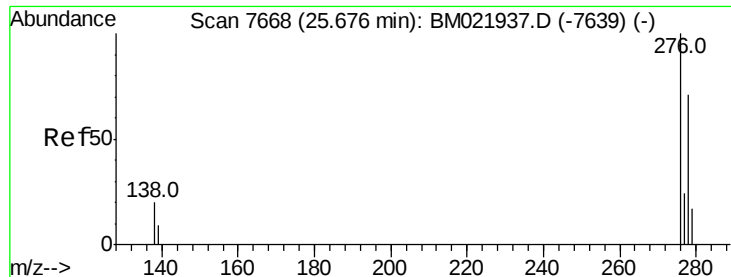
#23
Benzo(a)pyrene
Concen: 0.073 ng/ul
RT: 23.57 min Scan# 6797
Delta R.T. 0.21 min
Lab File: BM021957.D
Acq: 09 Aug 2019 06:52

Tgt Ion:252 Resp: 482
Ion Ratio Lower Upper
252 100
253 107.4 31.7 47.5#
125 72.4 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



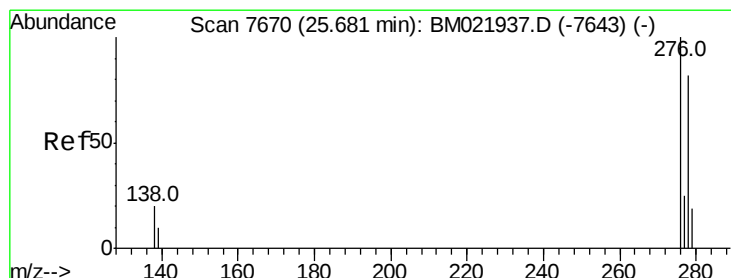
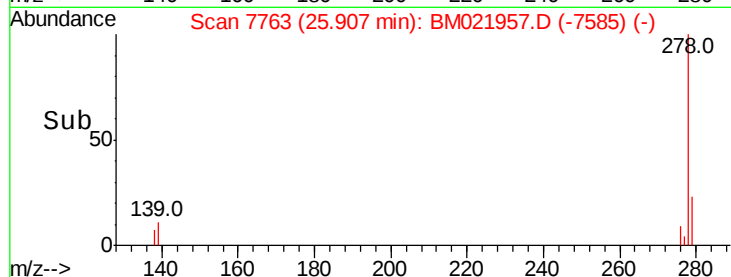
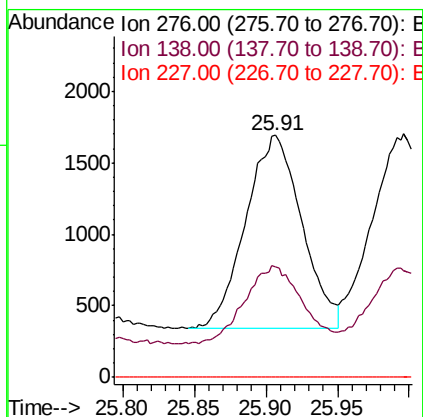
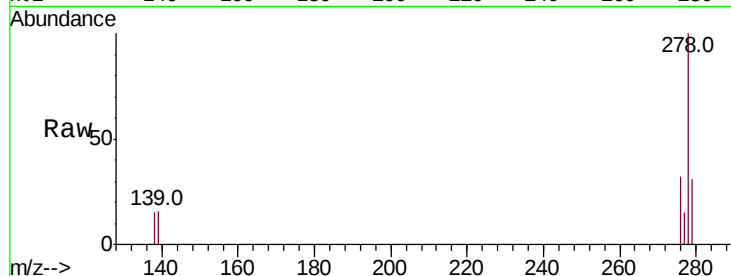


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.464 ng/u1
RT: 25.91 min Scan# 7763
Delta R.T. 0.23 min
Lab File: BM021957.D
Acq: 09 Aug 2019 06:52

Instrument :
BNA_M
ClientSampleId :

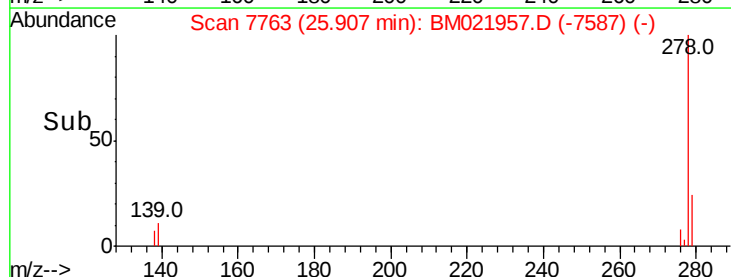
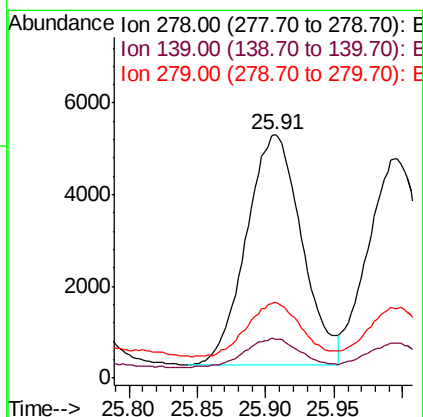
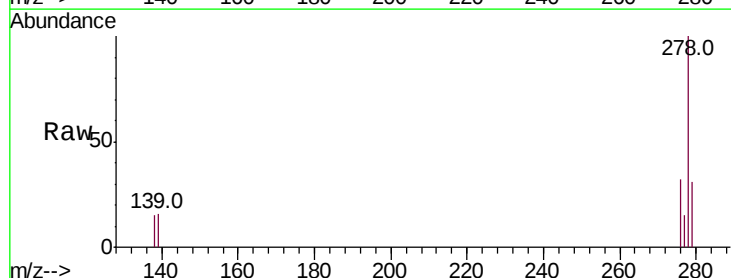
Tot Ion:276 Resp: 3672
Ion Ratio Lower Upper
276 100
138 41.9 15.1 22.7#
227 0.0 0.0 0.0

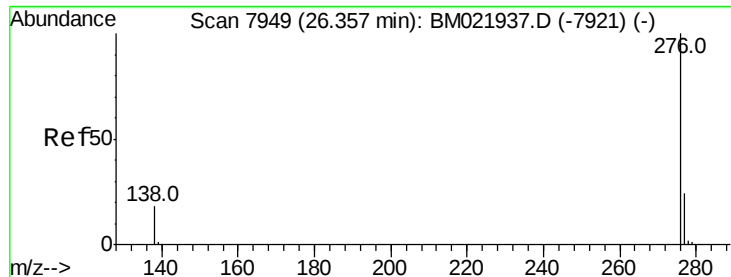


#25

Dibenzo(a,h)anthracene
Concen: 2.209 ng/u1
RT: 25.91 min Scan# 7763
Delta R.T. 0.23 min
Lab File: BM021957.D
Acq: 09 Aug 2019 06:52

Tgt Ion:278 Resp: 14129
Ion Ratio Lower Upper
278 100
139 16.2 14.2 21.2
279 31.0 28.3 42.5





#26

Benzo(a,h,i)perylene

Concen: 1.943 ng/ul

RT: 26.69 min Scan# 8087

Delta R.T. 0.33 min

Lab File: BM021957.D

Acq: 09 Aug 2019 06:52

Instrument :

BNA_M

ClientSampleId :

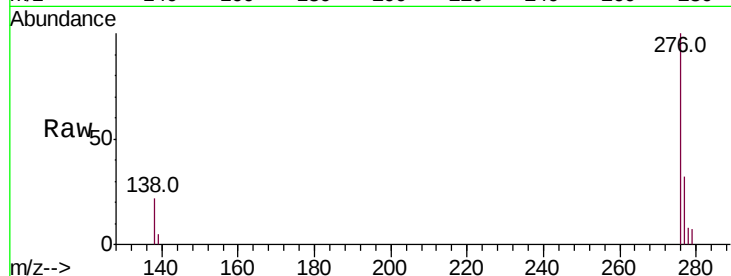
Tot Ion:276 Resp: 13844

Ion Ratio Lower Upper

276 100

138 22.3 15.5 23.3

277 31.8 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

