

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039765.D
 Acq On : 29 Apr 2023 09:08
 Operator : CG/JU
 Sample : 02417-07DL 5X
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X3DL

Quant Time: May 01 01:33:31 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 29 04:28:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

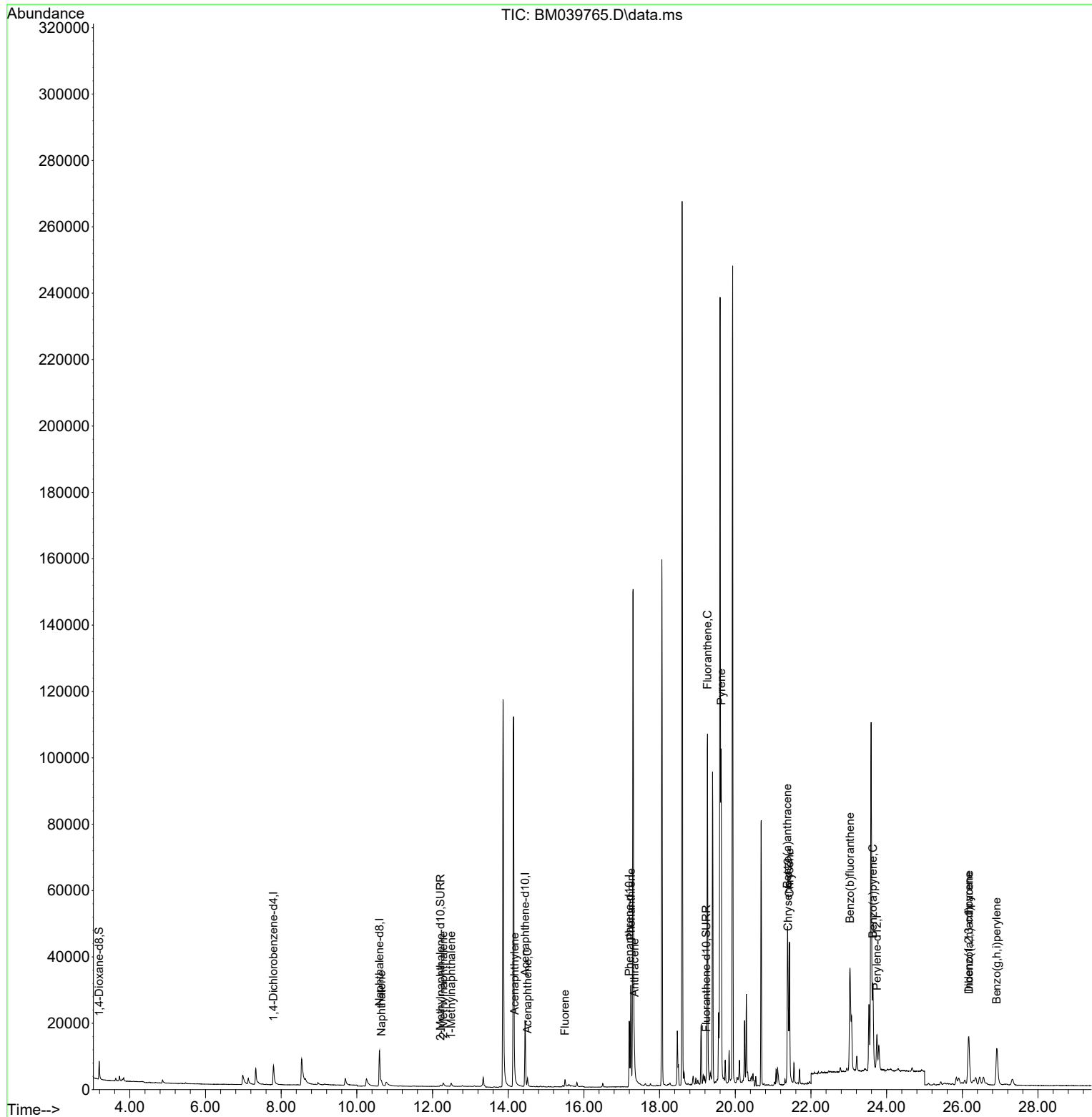
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	4663	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.599	136	18834	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.445	164	11743	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.199	188	24676	0.400	ng/ul	0.00
17) Chrysene-d12	21.394	240	17043	0.400	ng/ul	0.00
23) Perylene-d12	23.744	264	14672	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	3611	0.525	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.211	152	1065	0.044	ng/ul	0.00
18) Fluoranthene-d10	19.233	212	2455	0.054	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.649	128	2021	0.043	ng/ul#	86
7) 2-Methylnaphthalene	12.282	142	1375	0.050	ng/ul	91
8) 1-Methylnaphthalene	12.491	142	899	0.031	ng/ul	97
10) Acenaphthylene	14.167	152	1323	0.029	ng/ul#	75
11) Acenaphthene	14.510	153	1531	0.043	ng/ul	97
12) Fluorene	15.500	166	1678	0.042	ng/ul#	98
15) Phenanthrene	17.241	178	34632	0.533	ng/ul	99
16) Anthracene	17.334	178	7733	0.139	ng/ul	96
19) Fluoranthene	19.265	202	92791	1.526	ng/ul	97
20) Pyrene	19.628	202	84067	1.280	ng/ul	99
21) Benzo(a)anthracene	21.379	228	44540	0.909	ng/ul	98
22) Chrysene	21.432	228	40236	0.726	ng/ul	98
24) Benzo(b)fluoranthene	23.031	252	58432	1.134	ng/ul	97
26) Benzo(a)pyrene	23.636	252	36084	0.780	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.171	276	27525	0.471	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.174	278	5838	0.129	ng/ul#	83
29) Benzo(g,h,i)perylene	26.909	276	25933	0.509	ng/ul	100

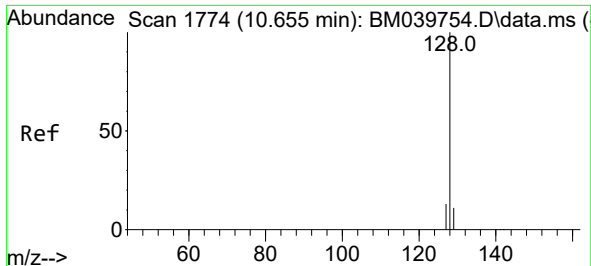
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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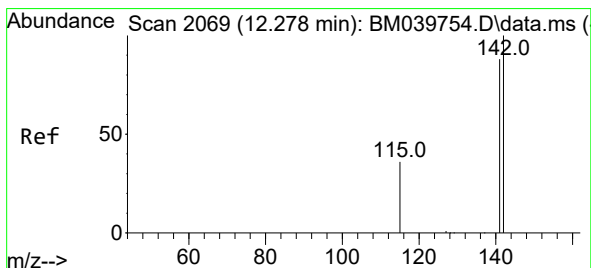
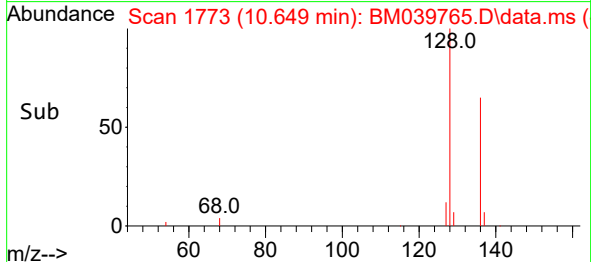
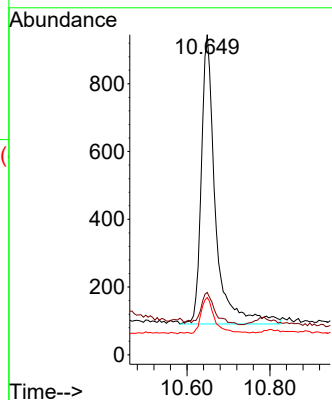
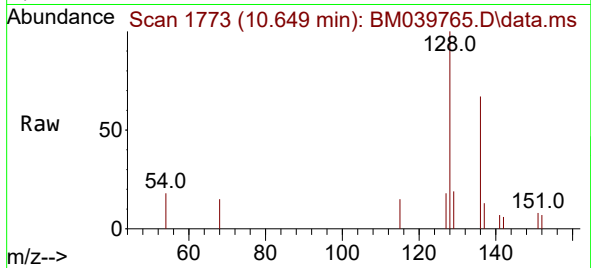




#5
Naphthalene
Concen: 0.043 ng/ul
RT: 10.649 min Scan# 11
Delta R.T. -0.007 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

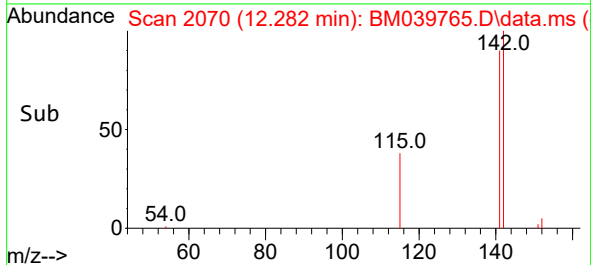
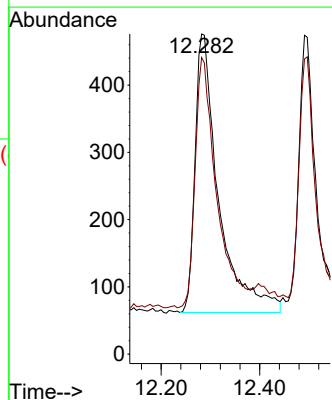
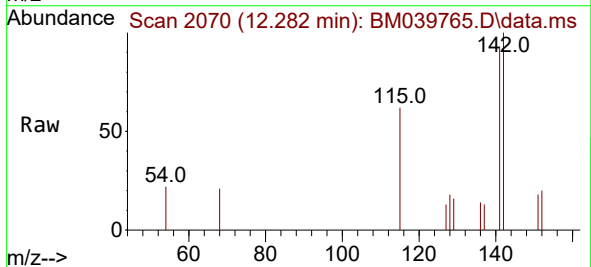
Instrument :
BNA_M
ClientSampleId :
EW8X3DL

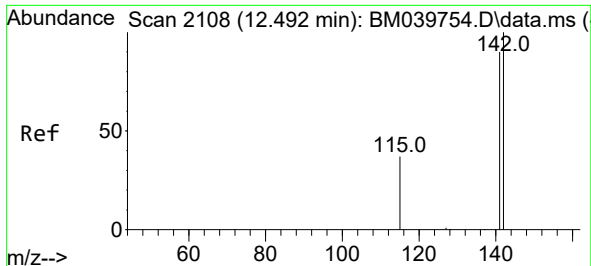
Tgt Ion:128 Resp: 2021
Ion Ratio Lower Upper
128 100
129 19.5 9.8 14.6#
127 17.9 11.1 16.7#



#7
2-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.282 min Scan# 2070
Delta R.T. 0.004 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

Tgt Ion:142 Resp: 1375
Ion Ratio Lower Upper
142 100
141 82.5 73.2 109.8

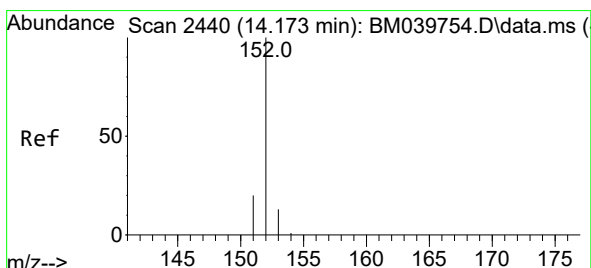
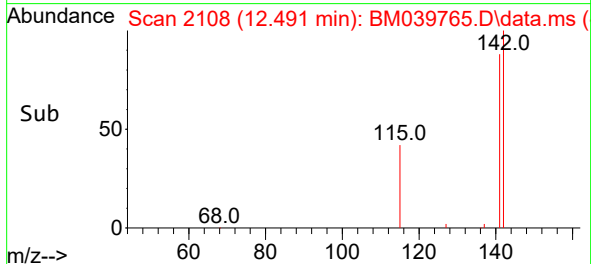
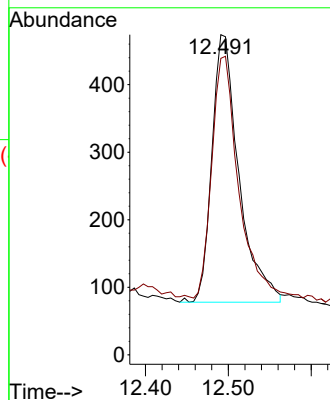
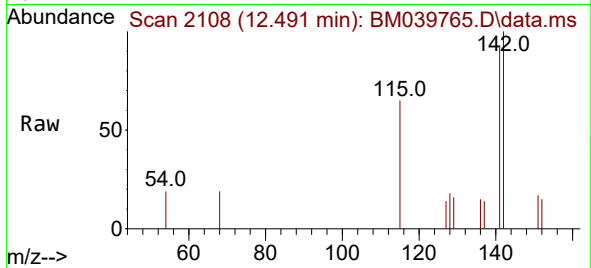




#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.491 min Scan# 2108
Delta R.T. -0.001 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

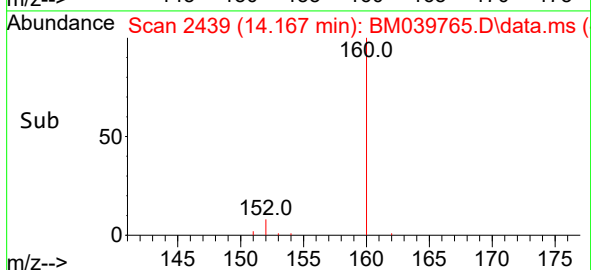
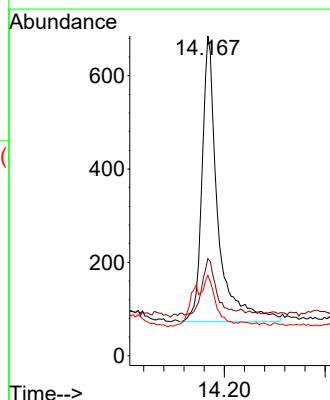
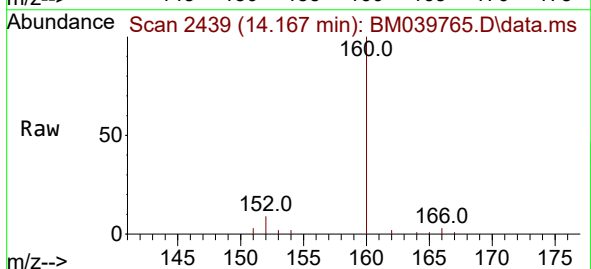
Instrument :
BNA_M
ClientSampleId :
EW8X3DL

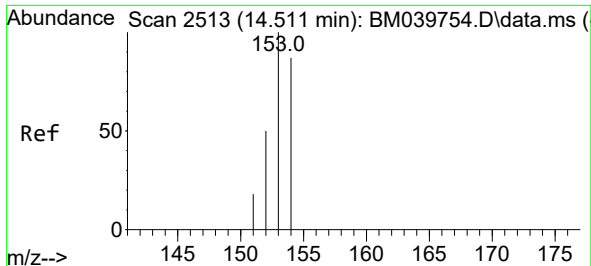
Tgt Ion:142 Resp: 899
Ion Ratio Lower Upper
142 100
141 88.9 73.4 110.2



#10
Acenaphthylene
Concen: 0.029 ng/ul
RT: 14.167 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

Tgt Ion:152 Resp: 1323
Ion Ratio Lower Upper
152 100
151 30.4 16.0 24.0#
153 25.1 11.2 16.8#

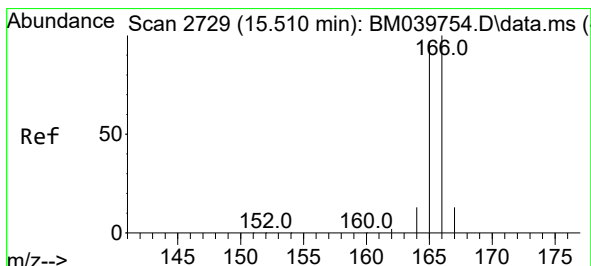
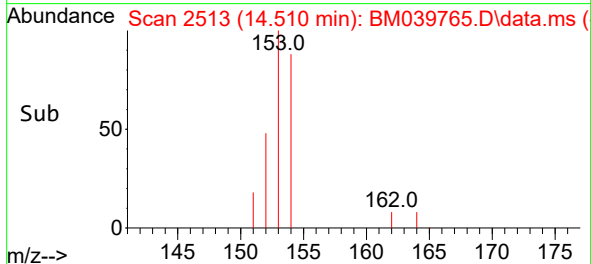
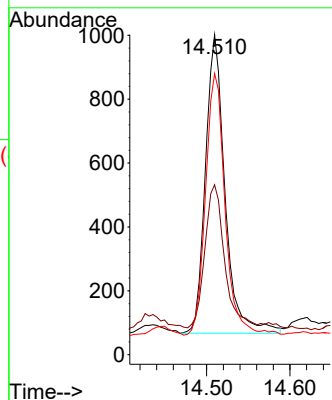
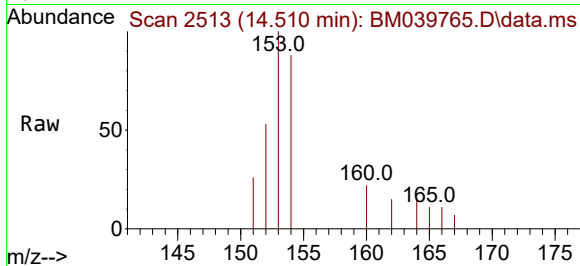




#11
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.510 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

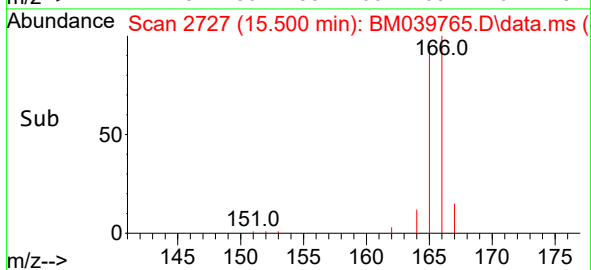
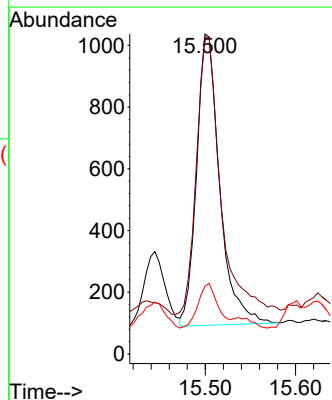
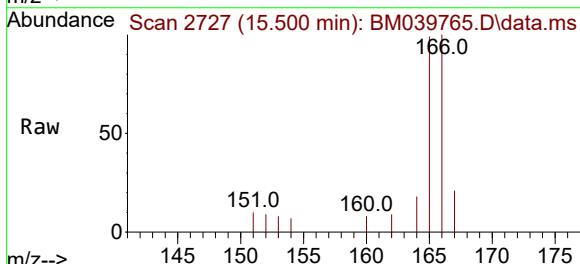
Instrument :
BNA_M
ClientSampleId :
EW8X3DL

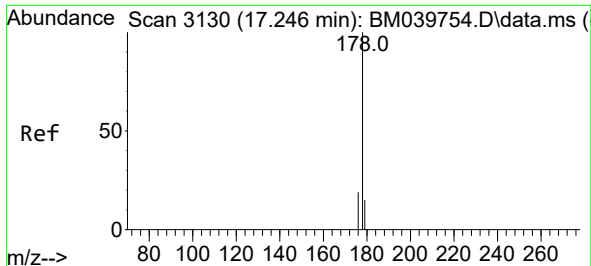
Tgt Ion:153 Resp: 1531
Ion Ratio Lower Upper
153 100
152 53.1 40.6 61.0
154 87.9 71.9 107.9



#12
Fluorene
Concen: 0.042 ng/ul
RT: 15.500 min Scan# 2727
Delta R.T. -0.010 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

Tgt Ion:166 Resp: 1678
Ion Ratio Lower Upper
166 100
165 99.1 79.0 118.6
167 21.2 11.8 17.6#

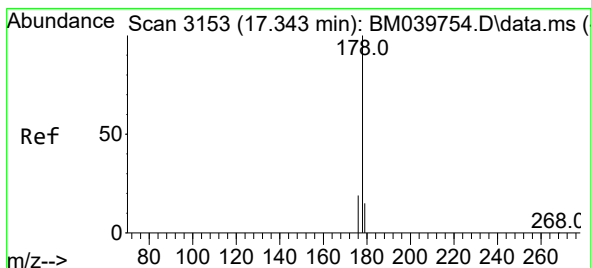
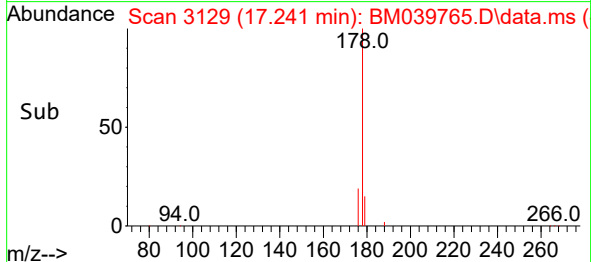
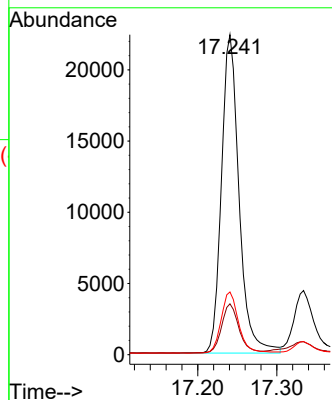
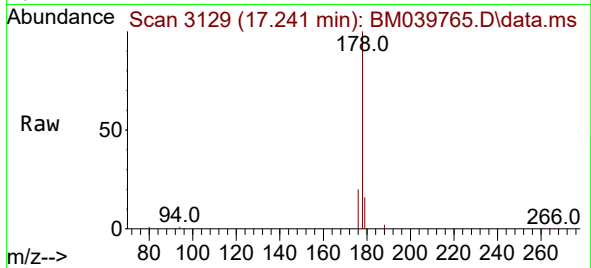




#15
Phenanthrene
Concen: 0.533 ng/ul
RT: 17.241 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

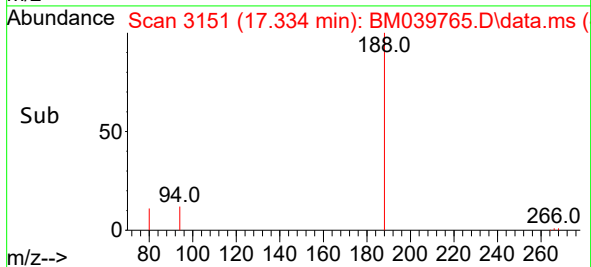
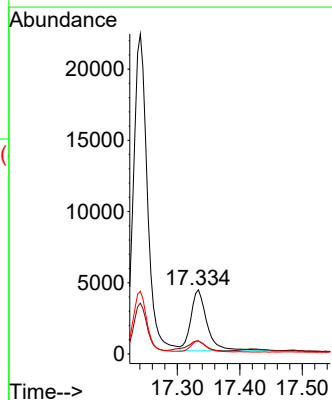
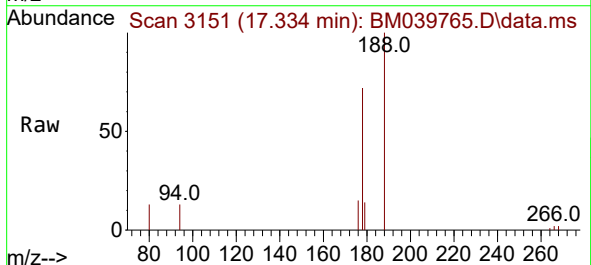
Instrument :
BNA_M
ClientSampleId :
EW8X3DL

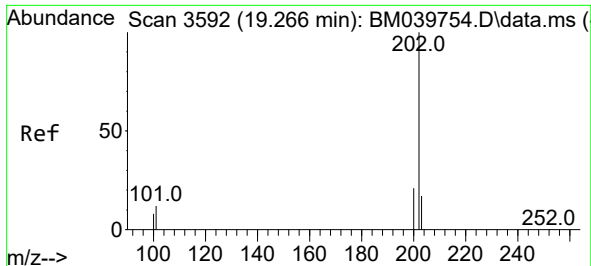
Tgt Ion:178 Resp: 34632
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.6 15.8 23.8



#16
Anthracene
Concen: 0.139 ng/ul
RT: 17.334 min Scan# 3151
Delta R.T. -0.010 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

Tgt Ion:178 Resp: 7733
Ion Ratio Lower Upper
178 100
179 20.2 13.8 20.6
176 20.5 15.8 23.8

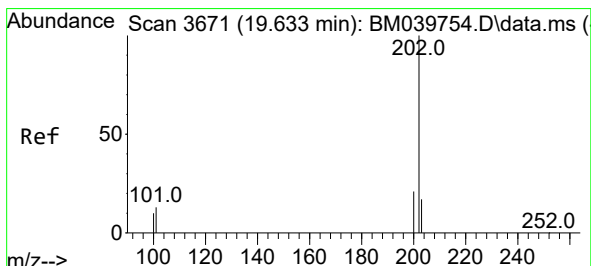
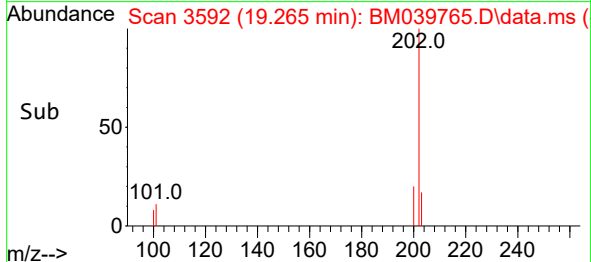
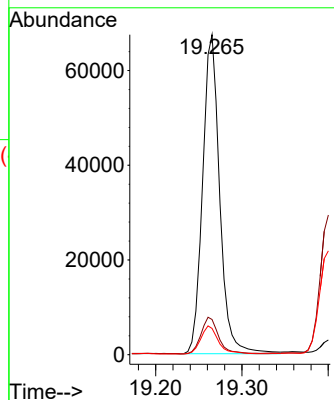
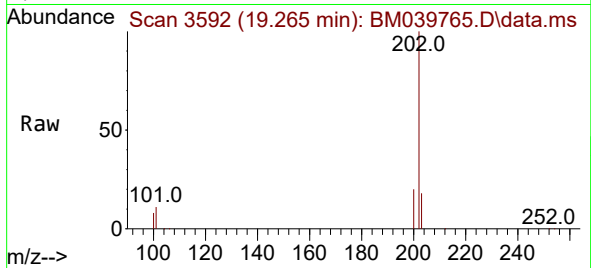




#19
Fluoranthene
Concen: 1.526 ng/ul
RT: 19.265 min Scan# 3592
Delta R.T. -0.001 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

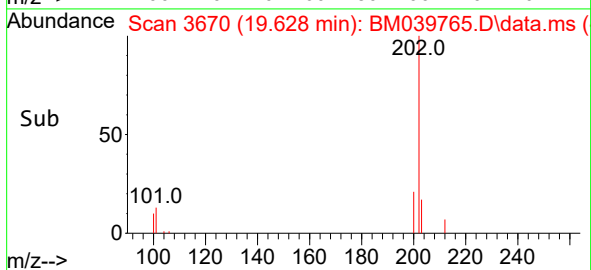
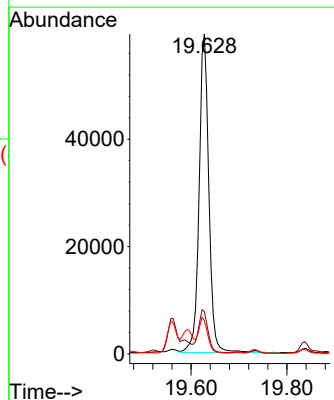
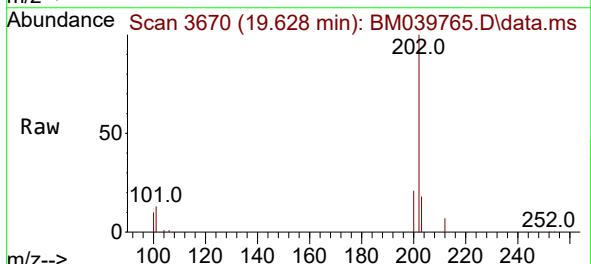
Instrument :
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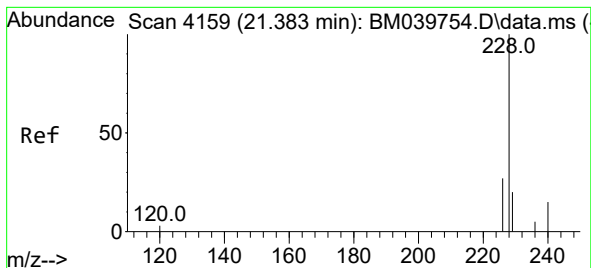
Tgt Ion:202 Resp: 92791
Ion Ratio Lower Upper
202 100
101 11.0 9.8 14.8
100 8.2 7.3 10.9



#20
Pyrene
Concen: 1.280 ng/ul
RT: 19.628 min Scan# 3670
Delta R.T. -0.006 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

Tgt Ion:202 Resp: 84067
Ion Ratio Lower Upper
202 100
101 13.2 10.9 16.3
100 10.5 8.9 13.3





#21

Benzo(a)anthracene

Concen: 0.909 ng/ul

RT: 21.379 min Scan# 4159

Delta R.T. -0.004 min

Lab File: BM039765.D

Acq: 29 Apr 2023 09:08

Instrument :

BNA_M

ClientSampleId :

EW8X3DL

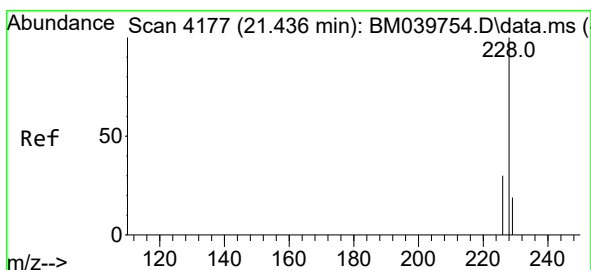
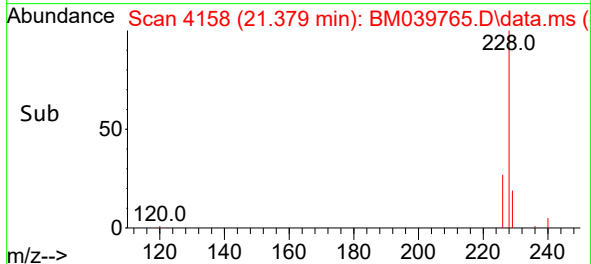
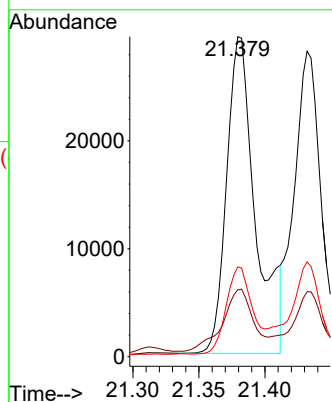
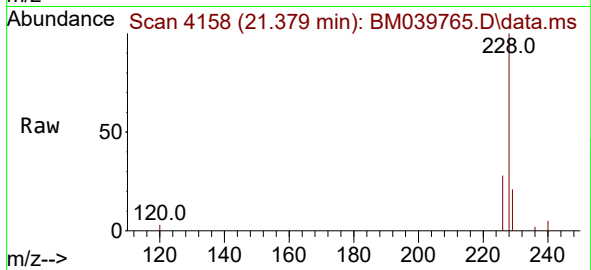
Tgt Ion:228 Resp: 44540

Ion Ratio Lower Upper

228 100

229 20.9 16.2 24.2

226 28.0 21.6 32.4



#22

Chrysene

Concen: 0.726 ng/ul

RT: 21.432 min Scan# 4176

Delta R.T. -0.004 min

Lab File: BM039765.D

Acq: 29 Apr 2023 09:08

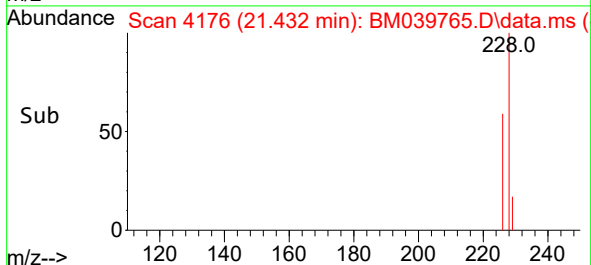
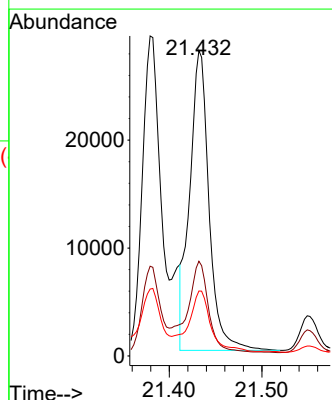
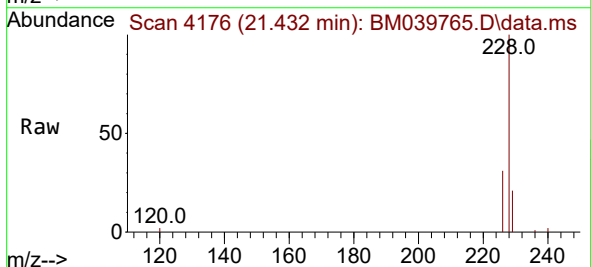
Tgt Ion:228 Resp: 40236

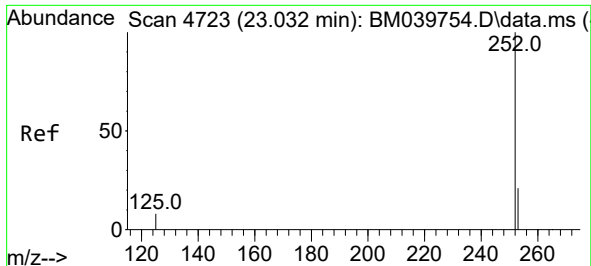
Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 21.2 15.9 23.9

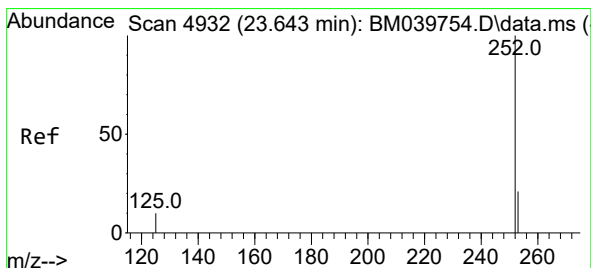
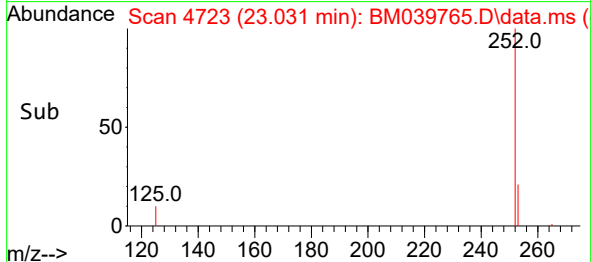
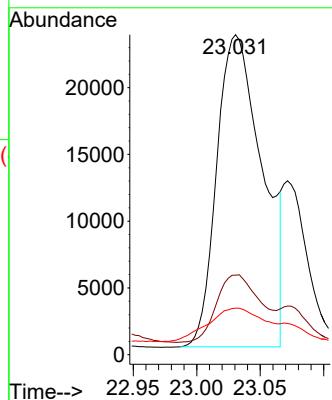
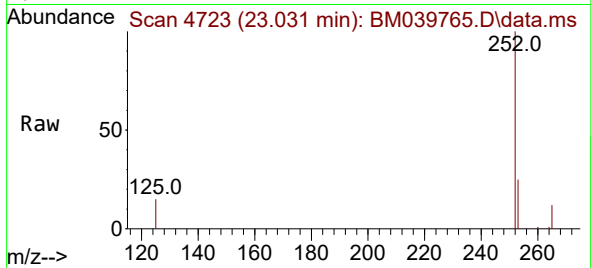




#24
Benzo(b)fluoranthene
Concen: 1.134 ng/uI
RT: 23.031 min Scan# 41
Delta R.T. -0.001 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

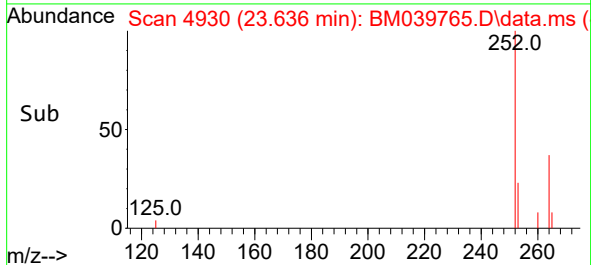
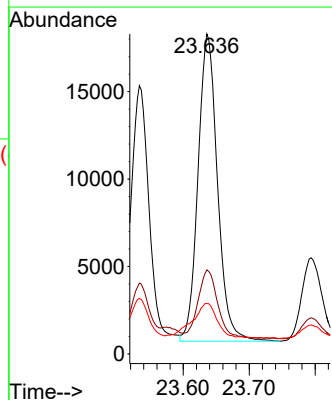
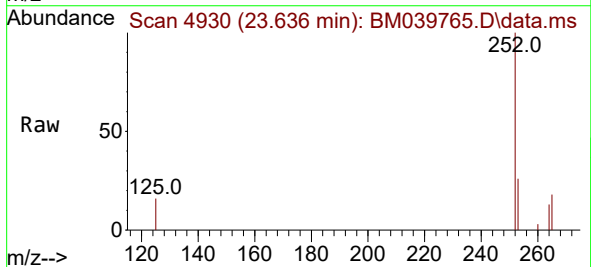
Instrument :
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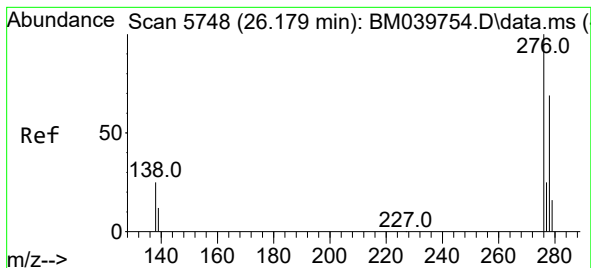
Tgt Ion:252 Resp: 58432
Ion Ratio Lower Upper
252 100
253 24.9 0.0 52.8
125 14.6 0.0 31.6



#26
Benzo(a)pyrene
Concen: 0.780 ng/uI
RT: 23.636 min Scan# 4930
Delta R.T. -0.007 min
Lab File: BM039765.D
Acq: 29 Apr 2023 09:08

Tgt Ion:252 Resp: 36084
Ion Ratio Lower Upper
252 100
253 26.3 24.7 37.1
125 15.7 16.5 24.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.471 ng/ul

RT: 26.171 min Scan# 5

Delta R.T. -0.008 min

Lab File: BM039765.D

Acq: 29 Apr 2023 09:08

Instrument :

BNA_M

ClientSampleId :

EW8X3DL

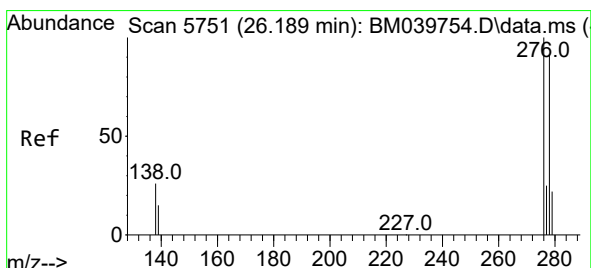
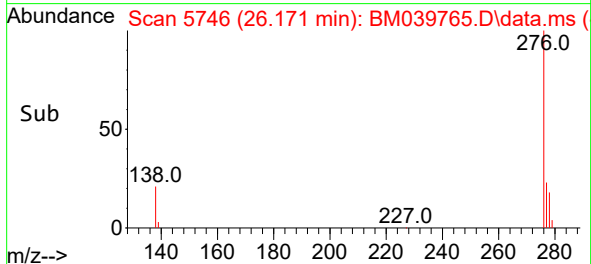
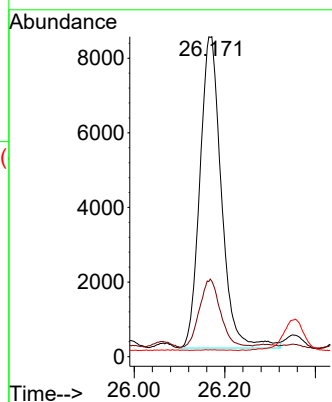
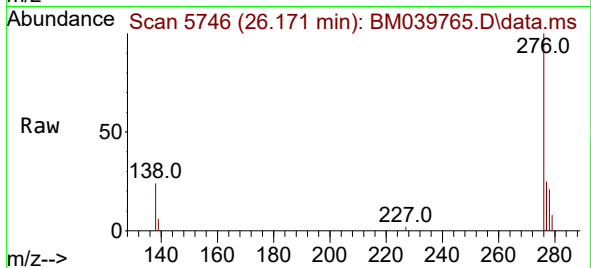
Tgt Ion:276 Resp: 27525

Ion Ratio Lower Upper

276 100

138 21.4 21.1 31.7

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.129 ng/ul

RT: 26.174 min Scan# 5747

Delta R.T. -0.015 min

Lab File: BM039765.D

Acq: 29 Apr 2023 09:08

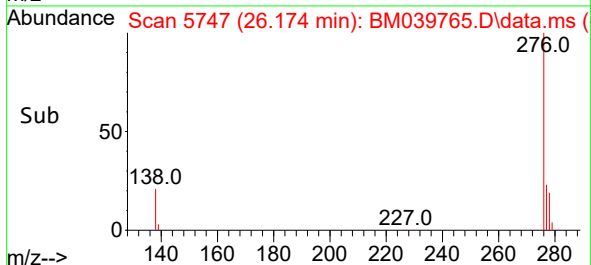
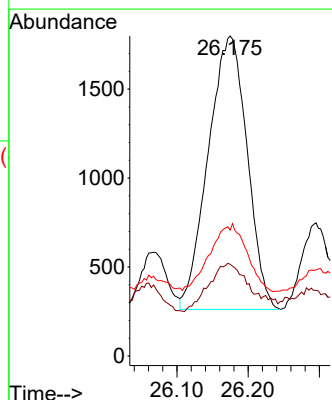
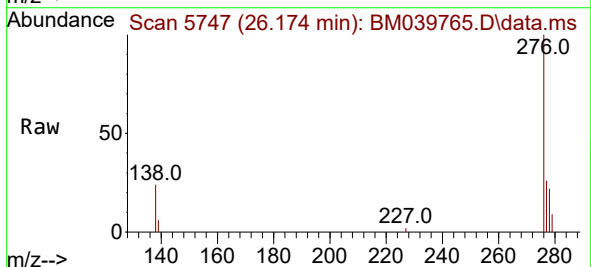
Tgt Ion:278 Resp: 5838

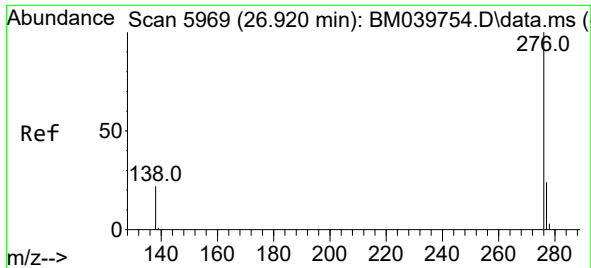
Ion Ratio Lower Upper

278 100

139 28.6 17.0 25.6#

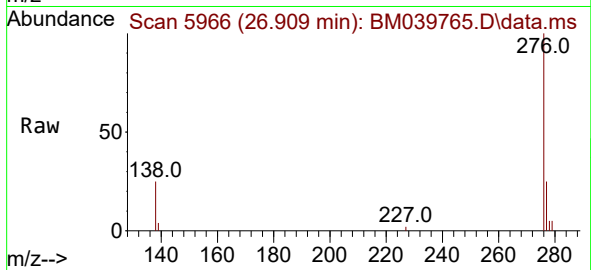
279 39.3 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.509 ng/ul
 RT: 26.909 min Scan# 51
 Delta R.T. -0.011 min
 Lab File: BM039765.D
 Acq: 29 Apr 2023 09:08

Instrument :
 BNA_M
 ClientSampleId :
 EW8X3DL



Tgt Ion:	276	Resp:	25933
Ion	Ratio	Lower	Upper
276	100		
138	24.9	20.1	30.1
277	25.4	20.1	30.1

