

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039819.D
 Acq On : 03 May 2023 01:56
 Operator : CG/JU
 Sample : 02419-33
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW928

Quant Time: May 03 04:19:05 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 : Tue May 02 18:41:11 2023
 Response via : Initial Calibration

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

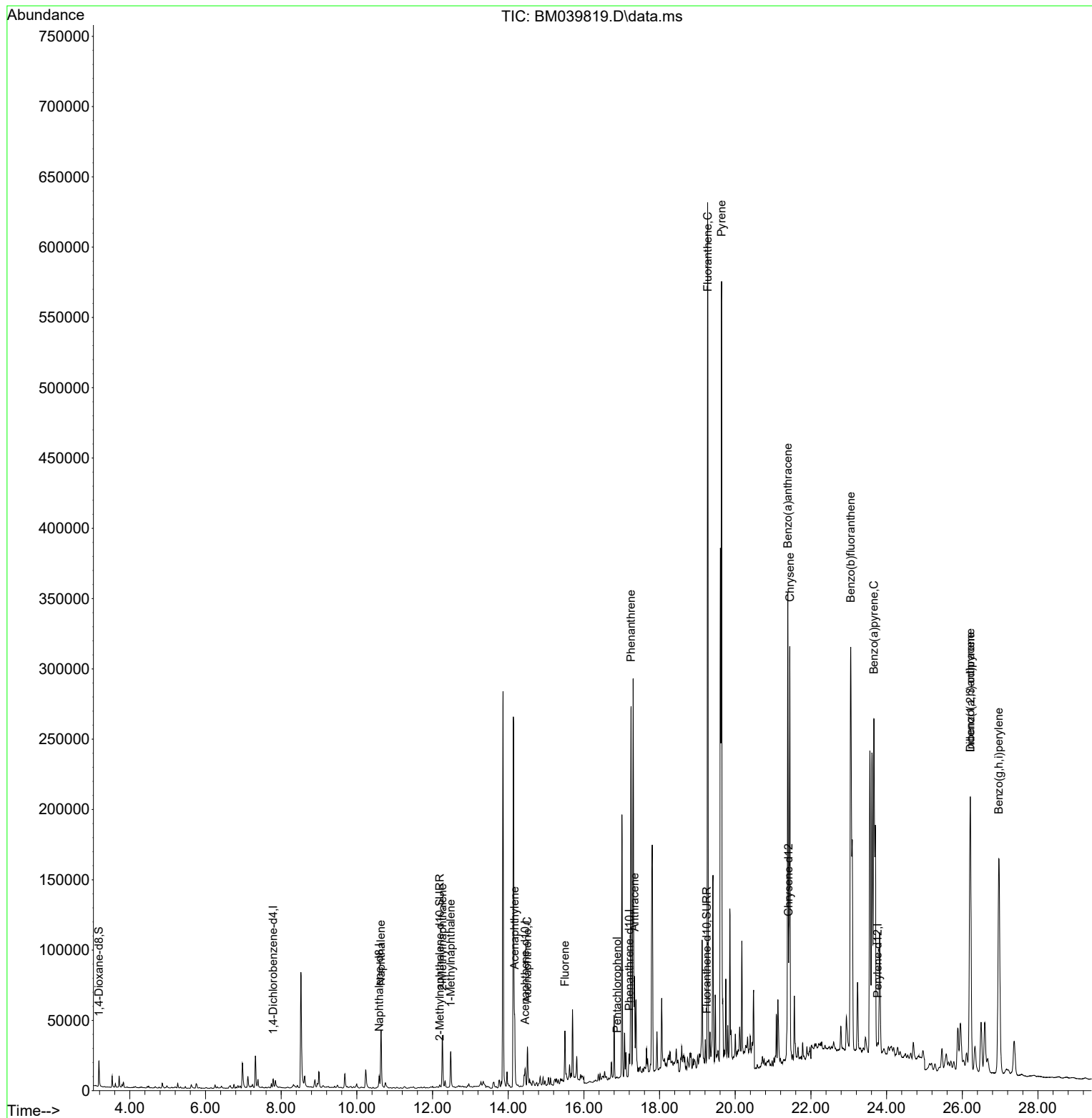
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3789	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.589	136	12380	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.446	164	6950	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	22855	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.407	240	7271	0.400	ng/ul	# 0.00
23) Perylene-d12	23.766	264	8280	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.184	96	10770	1.929	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2964	0.187	ng/ul	-0.01
18) Fluoranthene-d10	19.243	212	4139	0.212	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.639	128	39560	1.273	ng/ul	98
7) 2-Methylnaphthalene	12.261	142	29387	1.638	ng/ul	92
8) 1-Methylnaphthalene	12.481	142	18459	0.959	ng/ul	100
10) Acenaphthylene	14.168	152	32632	1.213	ng/ul#	87
11) Acenaphthene	14.506	153	16541	0.783	ng/ul	98
12) Fluorene	15.501	166	24083	1.027	ng/ul#	98
14) Pentachlorophenol	16.879	266	310	0.062	ng/ul#	37
15) Phenanthrene	17.246	178	280452	4.658	ng/ul	100
16) Anthracene	17.335	178	69552	1.345	ng/ul	98
19) Fluoranthene	19.271	202	514901	19.850	ng/ul	98
20) Pyrene	19.638	202	472322	16.861	ng/ul	98
21) Benzo(a)anthracene	21.389	228	281097	13.446	ng/ul	97
22) Chrysene	21.442	228	297384	12.570	ng/ul	96
24) Benzo(b)fluoranthene	23.052	252	527483	18.140	ng/ul	95
26) Benzo(a)pyrene	23.663	252	450793	17.267	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.213	276	330850	10.022	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.213	278	82637	3.225	ng/ul#	90
29) Benzo(g,h,i)perylene	26.967	276	352486	12.254	ng/ul	99

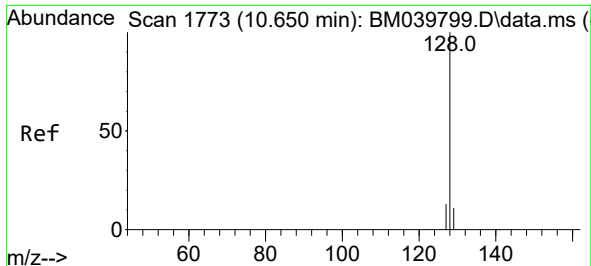
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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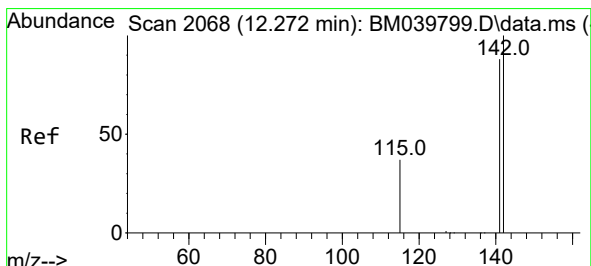
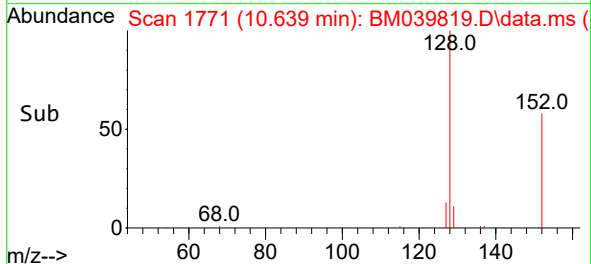
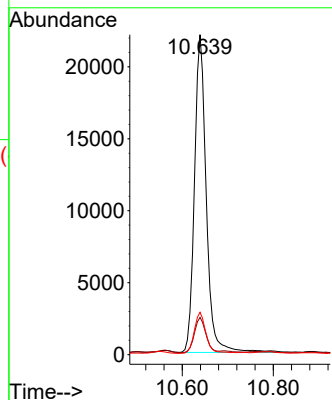
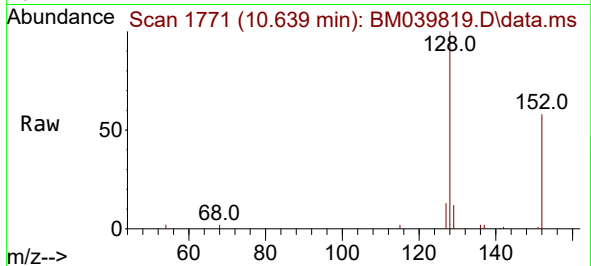




#5
Naphthalene
Concen: 1.273 ng/ul
RT: 10.639 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BM039819.D
Acq: 03 May 2023 01:56

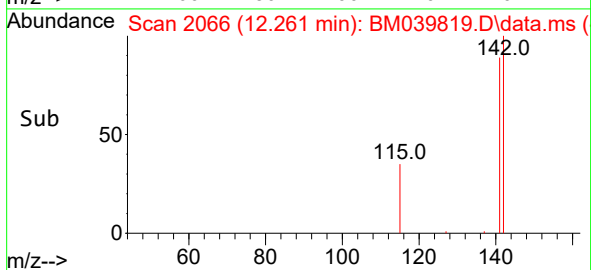
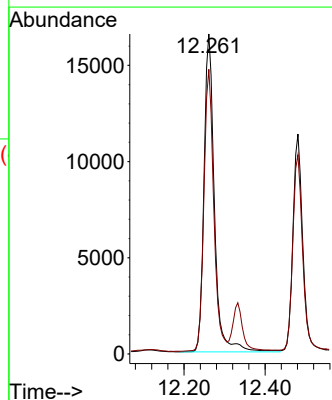
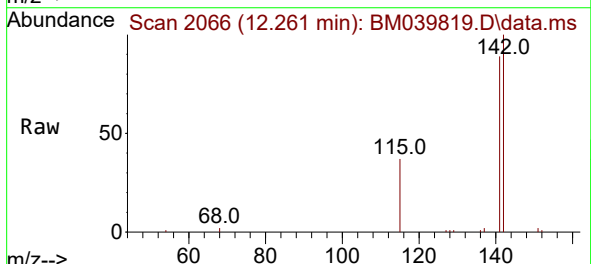
Instrument :
BNA_M
ClientSampleId :
EW928

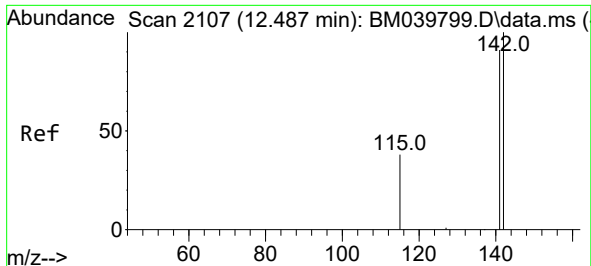
Tgt Ion:128 Resp: 39560
Ion Ratio Lower Upper
128 100
129 11.7 9.8 14.6
127 13.2 11.1 16.7



#7
2-Methylnaphthalene
Concen: 1.638 ng/ul
RT: 12.261 min Scan# 2066
Delta R.T. -0.011 min
Lab File: BM039819.D
Acq: 03 May 2023 01:56

Tgt Ion:142 Resp: 29387
Ion Ratio Lower Upper
142 100
141 84.4 73.2 109.8

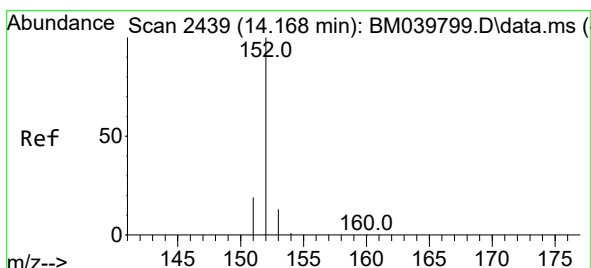
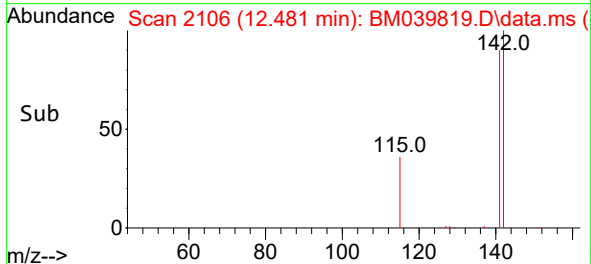
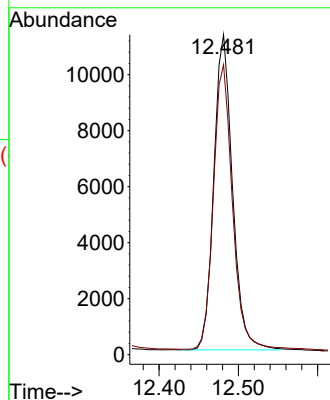
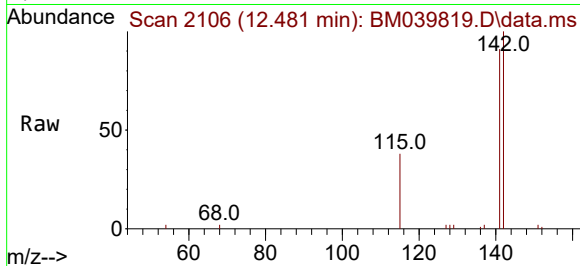




#8
1-Methylnaphthalene
Concen: 0.959 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BM039819.D
Acq: 03 May 2023 01:56

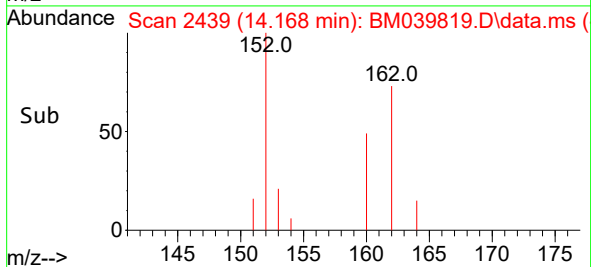
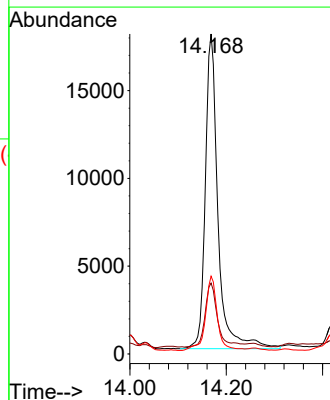
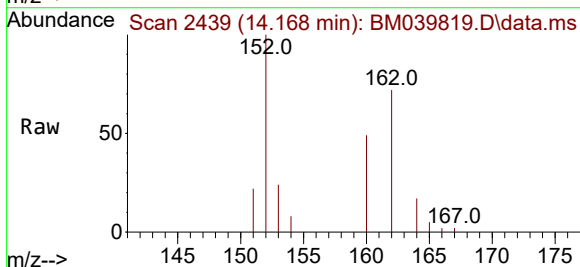
Instrument :
BNA_M
ClientSampleId :
EW928

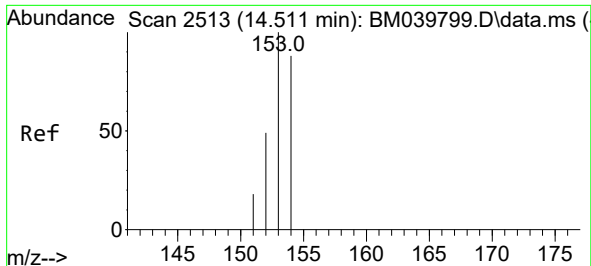
Tgt Ion:142 Resp: 18459
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2



#10
Acenaphthylene
Concen: 1.213 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BM039819.D
Acq: 03 May 2023 01:56

Tgt Ion:152 Resp: 32632
Ion Ratio Lower Upper
152 100
151 22.2 16.0 24.0
153 24.3 11.2 16.8#

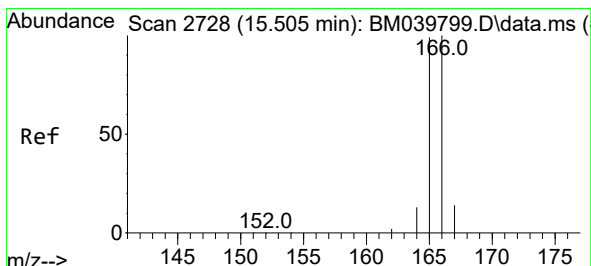
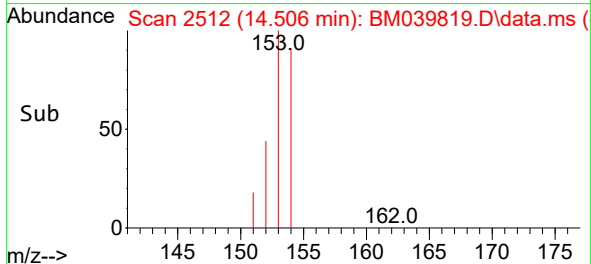
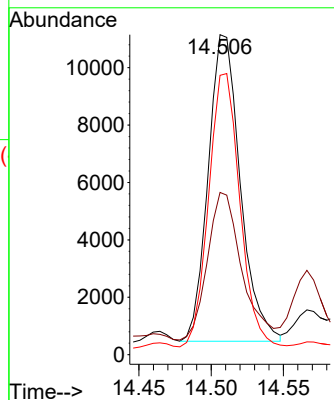
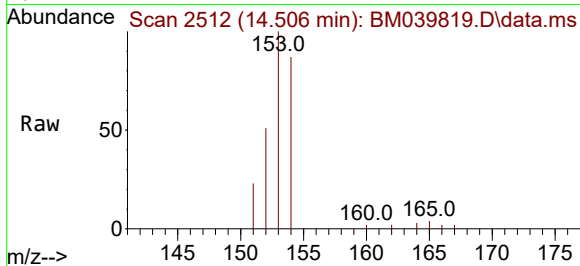




#11
Acenaphthene
Concen: 0.783 ng/ul
RT: 14.506 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM039819.D
Acq: 03 May 2023 01:56

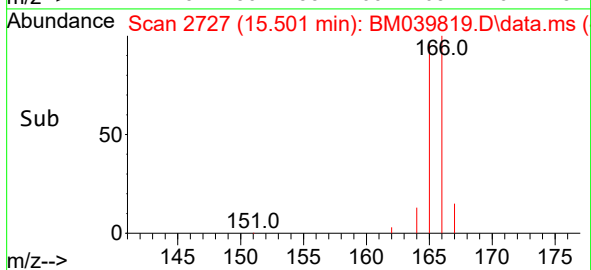
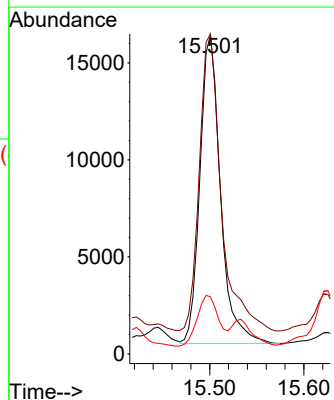
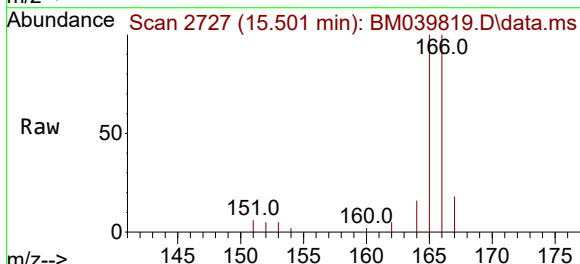
Instrument :
BNA_M
ClientSampleId :
EW928

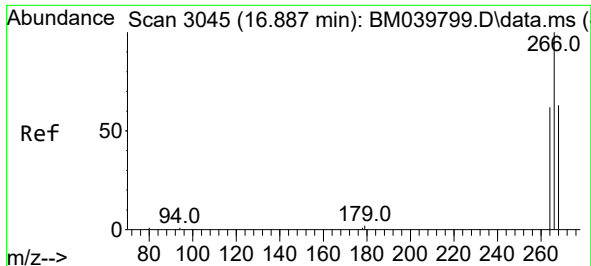
Tgt Ion:153 Resp: 16541
Ion Ratio Lower Upper
153 100
152 50.7 40.6 61.0
154 87.3 71.9 107.9



#12
Fluorene
Concen: 1.027 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.005 min
Lab File: BM039819.D
Acq: 03 May 2023 01:56

Tgt Ion:166 Resp: 24083
Ion Ratio Lower Upper
166 100
165 100.3 79.0 118.6
167 17.9 11.8 17.6#

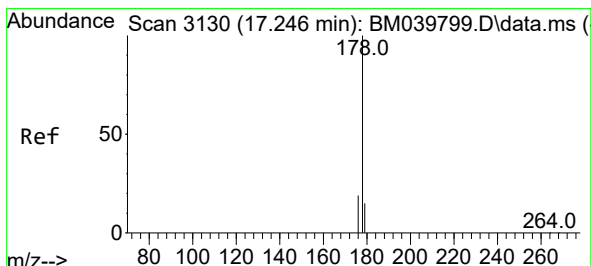
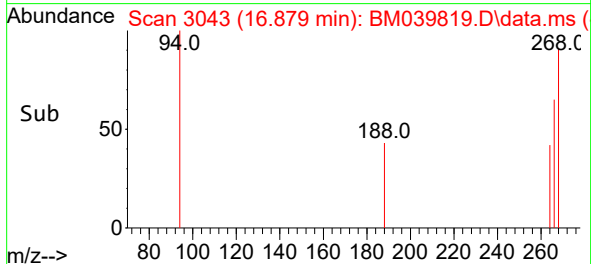
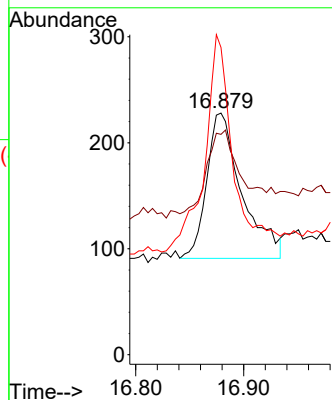
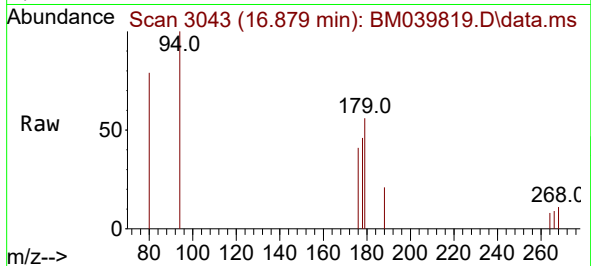




#14
 Pentachlorophenol
 Concen: 0.062 ng/ul
 RT: 16.879 min Scan# 3045
 Delta R.T. -0.008 min
 Lab File: BM039819.D
 Acq: 03 May 2023 01:56

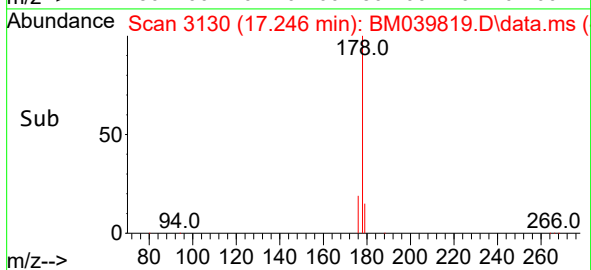
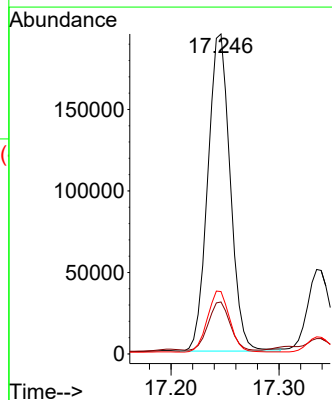
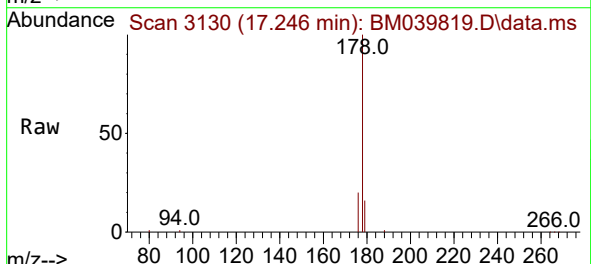
Instrument :
 BNA_M
 ClientSampleId :
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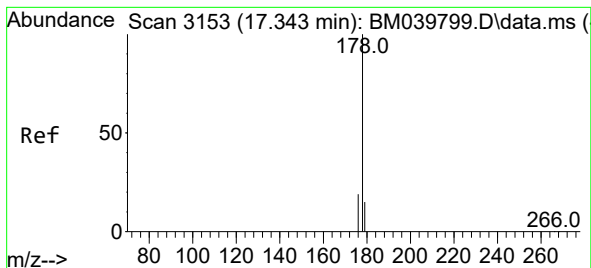
Tgt Ion:266 Resp: 310
 Ion Ratio Lower Upper
 266 100
 264 90.6 48.8 73.2#
 268 129.4 50.4 75.6#



#15
 Phenanthrene
 Concen: 4.658 ng/ul
 RT: 17.246 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: BM039819.D
 Acq: 03 May 2023 01:56

Tgt Ion:178 Resp: 280452
 Ion Ratio Lower Upper
 178 100
 179 16.2 13.0 19.6
 176 19.5 15.8 23.8





#16

Anthracene

Concen: 1.345 ng/ul

RT: 17.335 min Scan# 3151

Delta R.T. -0.008 min

Lab File: BM039819.D

Acq: 03 May 2023 01:56

Instrument :

BNA_M

ClientSampleId :

EW928

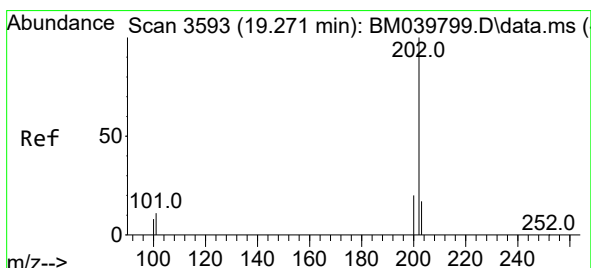
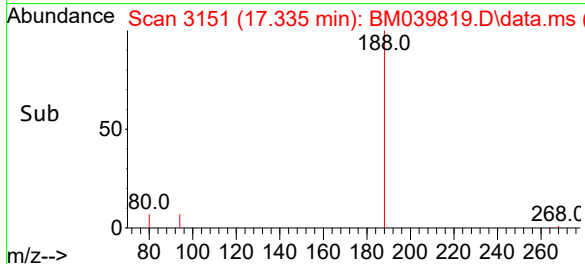
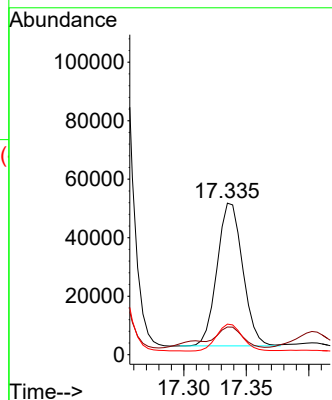
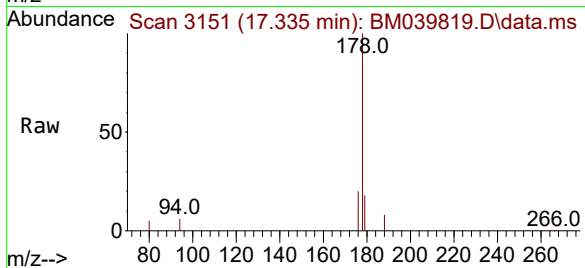
Tgt Ion:178 Resp: 69552

Ion Ratio Lower Upper

178 100

179 18.2 13.8 20.6

176 20.2 15.8 23.8



#19

Fluoranthene

Concen: 19.850 ng/ul

RT: 19.271 min Scan# 3593

Delta R.T. 0.000 min

Lab File: BM039819.D

Acq: 03 May 2023 01:56

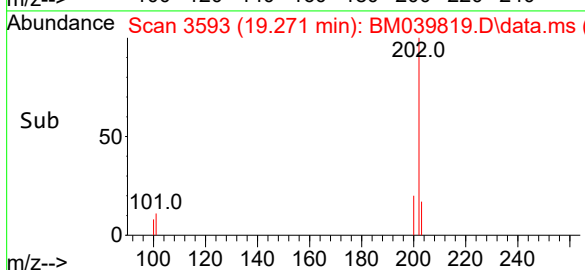
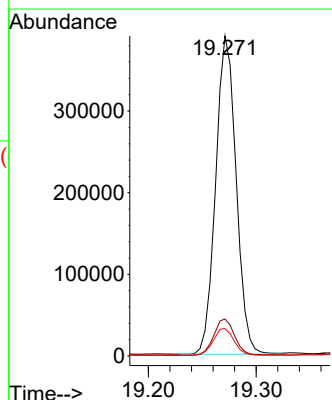
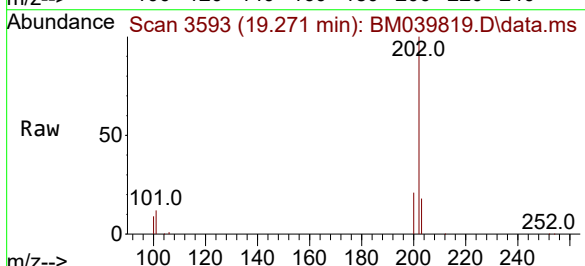
Tgt Ion:202 Resp: 514901

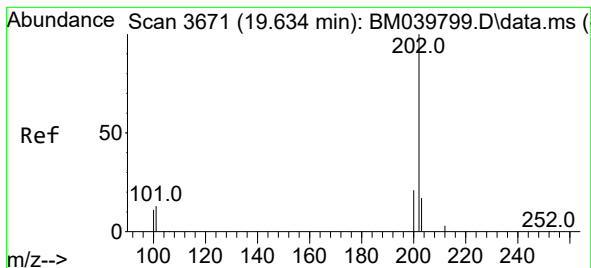
Ion Ratio Lower Upper

202 100

101 11.5 9.8 14.8

100 8.5 7.3 10.9





#20

Pyrene

Concen: 16.861 ng/ul

RT: 19.638 min Scan# 3

Delta R.T. 0.005 min

Lab File: BM039819.D

Acq: 03 May 2023 01:56

Instrument :

BNA_M

ClientSampleId :

EW928

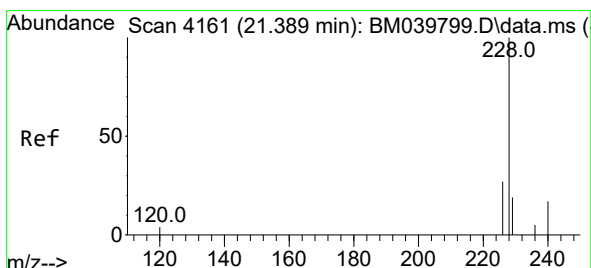
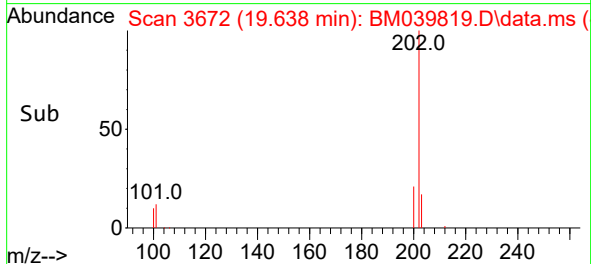
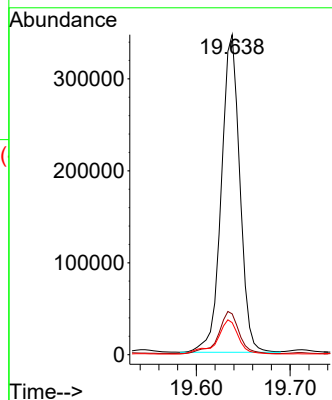
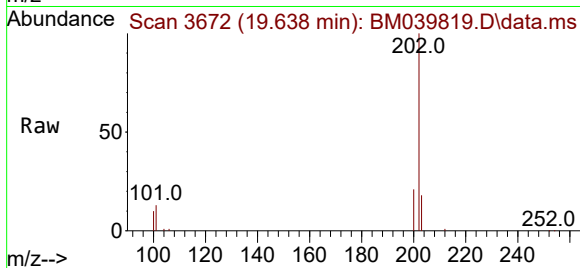
Tgt Ion:202 Resp: 472322

Ion Ratio Lower Upper

202 100

101 12.7 10.9 16.3

100 10.0 8.9 13.3



#21

Benzo(a)anthracene

Concen: 13.446 ng/ul

RT: 21.389 min Scan# 4161

Delta R.T. 0.000 min

Lab File: BM039819.D

Acq: 03 May 2023 01:56

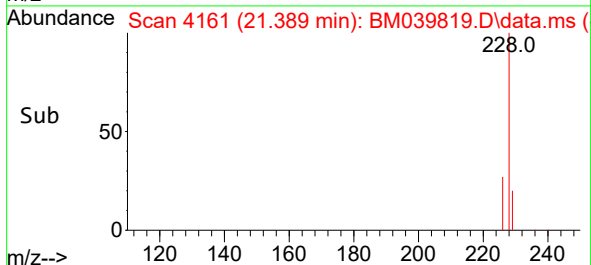
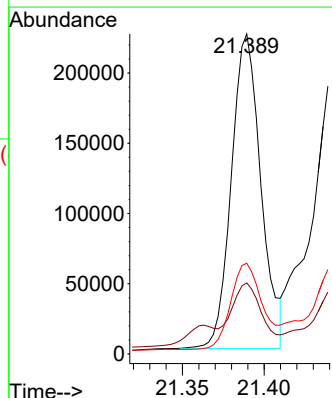
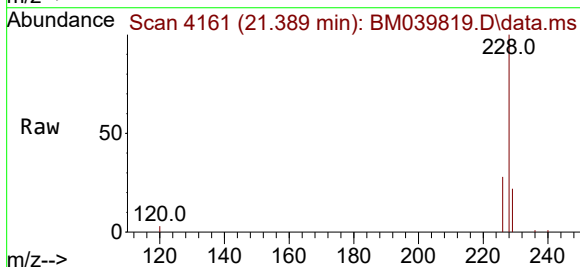
Tgt Ion:228 Resp: 281097

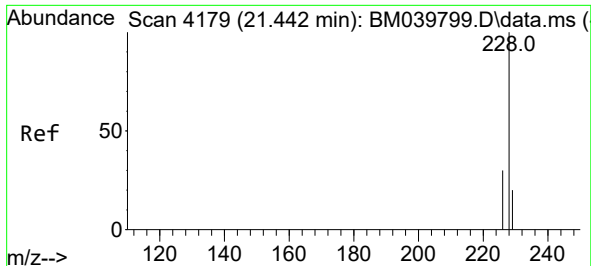
Ion Ratio Lower Upper

228 100

229 22.2 16.2 24.2

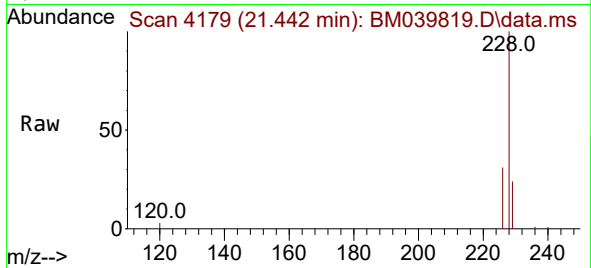
226 28.4 21.6 32.4



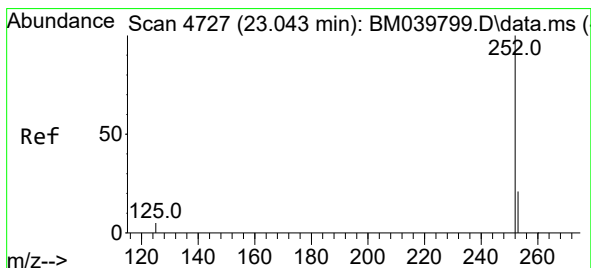
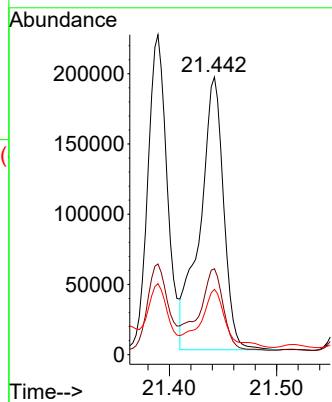
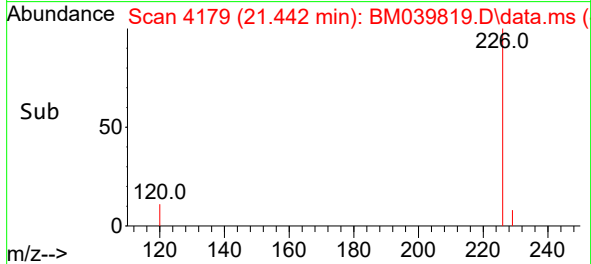


#22
Chrysene
Concen: 12.570 ng/ul
RT: 21.442 min Scan# 4179
Delta R.T. 0.000 min
Lab File: BM039819.D
Acq: 03 May 2023 01:56

Instrument :
BNA_M
ClientSampleId :
EW928

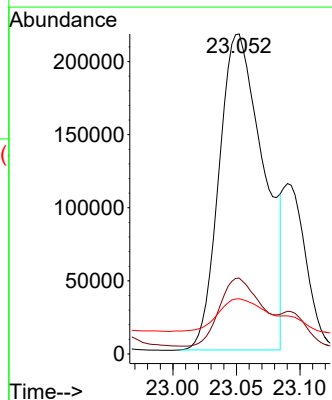
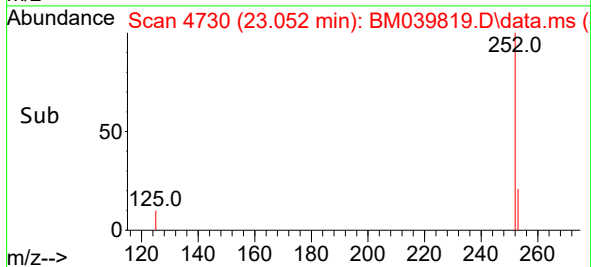
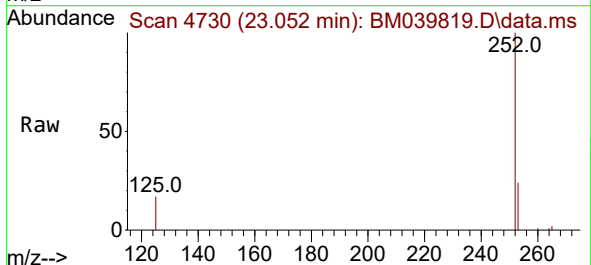


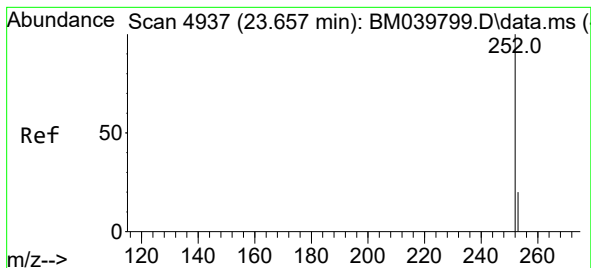
Tgt Ion:228 Resp: 297384
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 23.5 15.9 23.9



#24
Benzo(b)fluoranthene
Concen: 18.140 ng/ul
RT: 23.052 min Scan# 4730
Delta R.T. 0.009 min
Lab File: BM039819.D
Acq: 03 May 2023 01:56

Tgt Ion:252 Resp: 527483
Ion Ratio Lower Upper
252 100
253 23.7 0.0 52.8
125 17.3 0.0 31.6





#26

Benzo(a)pyrene

Concen: 17.267 ng/ul

RT: 23.663 min Scan# 4937

Delta R.T. 0.006 min

Lab File: BM039819.D

Acq: 03 May 2023 01:56

Instrument :

BNA_M

ClientSampleId :

EW928

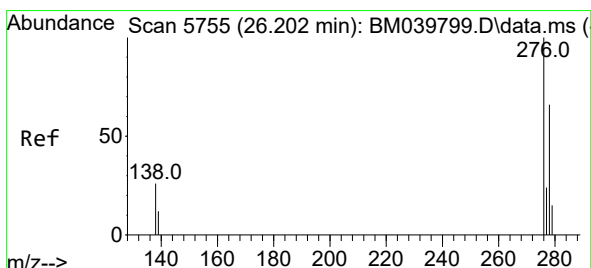
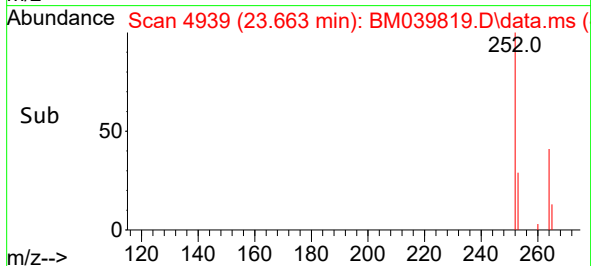
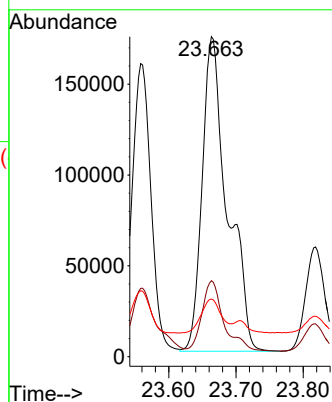
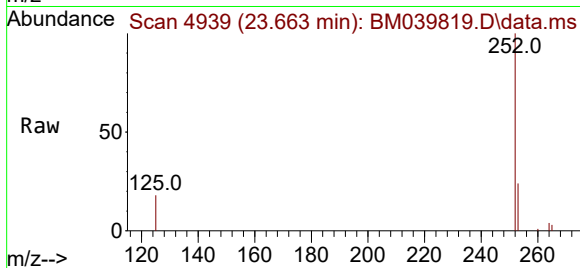
Tgt Ion:252 Resp: 450793

Ion Ratio Lower Upper

252 100

253 23.7 24.7 37.1#

125 18.0 16.5 24.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 10.022 ng/ul

RT: 26.213 min Scan# 5758

Delta R.T. 0.010 min

Lab File: BM039819.D

Acq: 03 May 2023 01:56

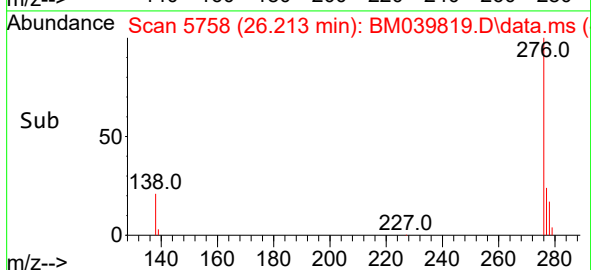
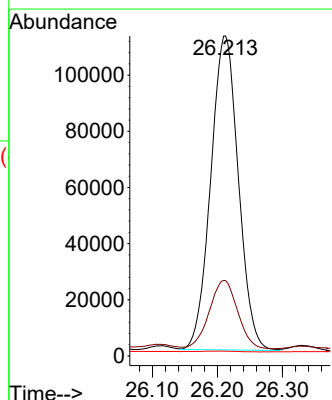
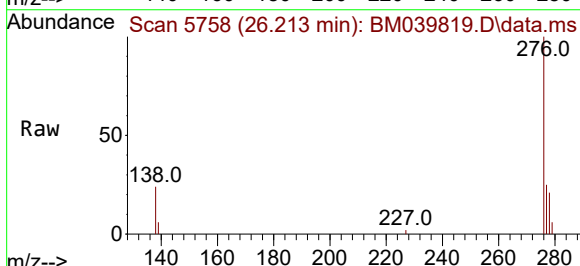
Tgt Ion:276 Resp: 330850

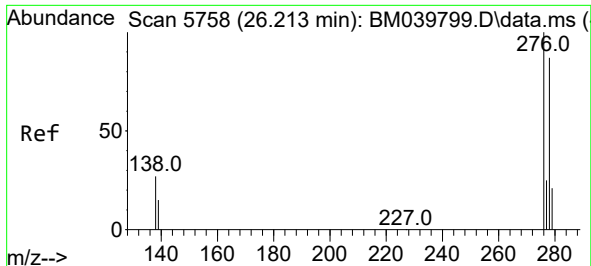
Ion Ratio Lower Upper

276 100

138 22.2 21.1 31.7

227 0.3 0.1 0.1#

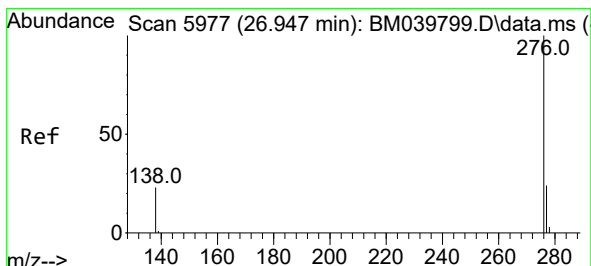
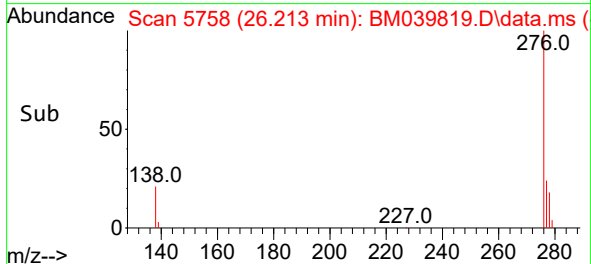
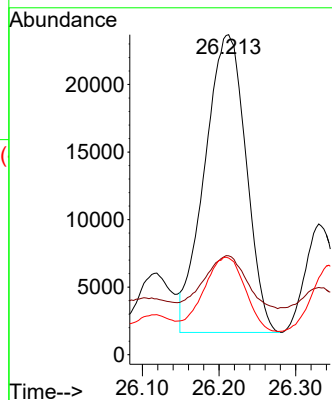
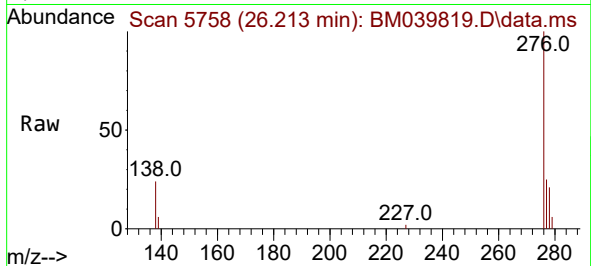




#28
Dibenzo(a,h)anthracene
Concen: 3.225 ng/ul
RT: 26.213 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM039819.D
Acq: 03 May 2023 01:56

Instrument :
BNA_M
ClientSampleId :
EW928

Tgt Ion:278 Resp: 82637
Ion Ratio Lower Upper
278 100
139 30.9 17.0 25.6#
279 30.2 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 12.254 ng/ul
RT: 26.967 min Scan# 5983
Delta R.T. 0.020 min
Lab File: BM039819.D
Acq: 03 May 2023 01:56

Tgt Ion:276 Resp: 352486
Ion Ratio Lower Upper
276 100
138 24.2 20.1 30.1
277 24.6 20.1 30.1

