

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039784.D
 Acq On : 01 May 2023 19:13
 Operator : CG/JU
 Sample : 02418-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y8

Quant Time: May 02 01:26:59 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

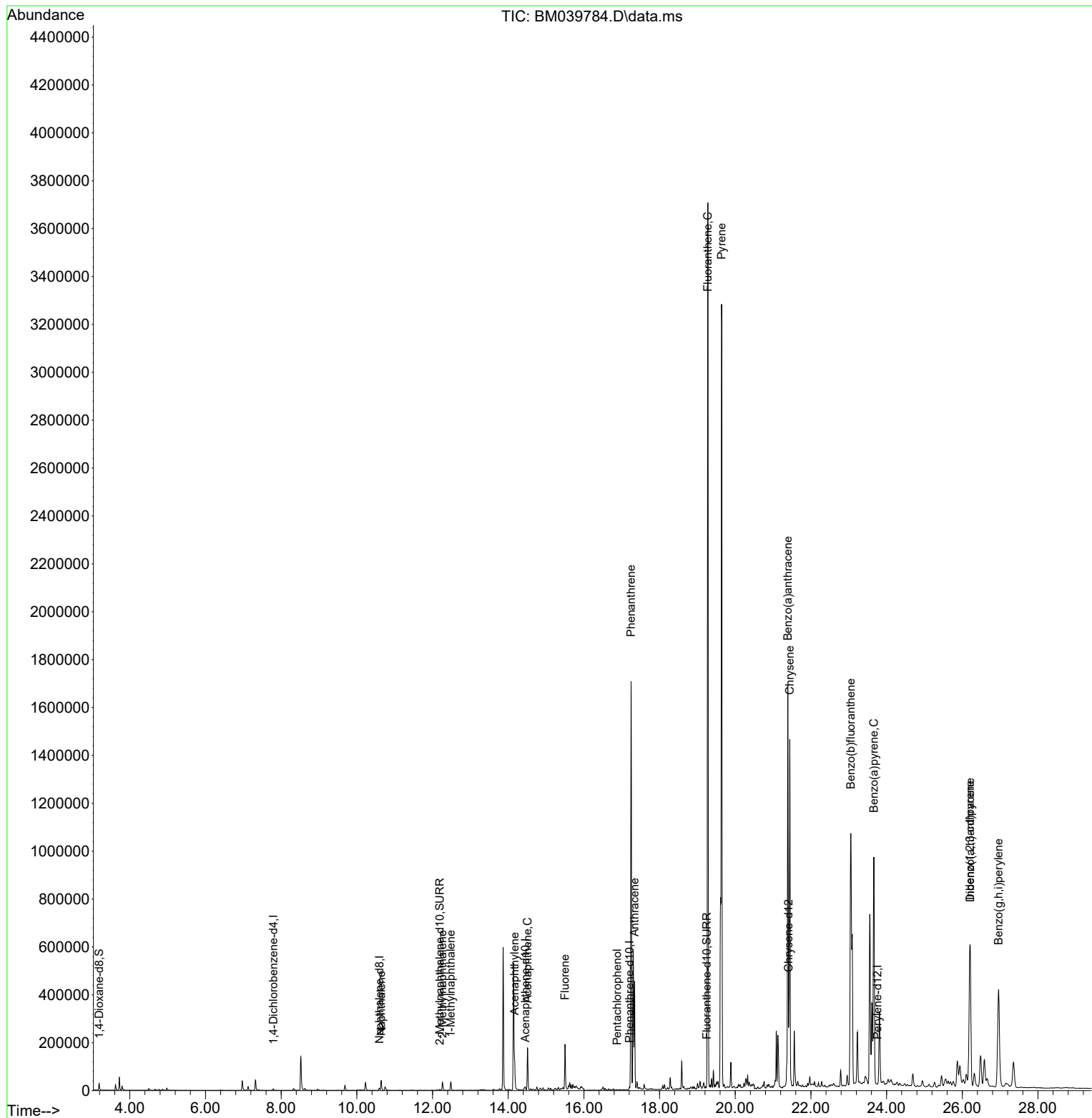
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	3562	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.595	136	12563	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	7211	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	13795	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.407	240	5797	0.400	ng/ul	# 0.00
23) Perylene-d12	23.760	264	8049	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	17324	3.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	5331	0.331	ng/ul	-0.01
18) Fluoranthene-d10	19.243	212	8041	0.515	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	57505	1.823	ng/ul	97
7) 2-Methylnaphthalene	12.261	142	25282	1.389	ng/ul	97
8) 1-Methylnaphthalene	12.481	142	24367	1.248	ng/ul	100
10) Acenaphthylene	14.168	152	148796	5.331	ng/ul	100
11) Acenaphthene	14.511	153	101337	4.622	ng/ul	98
12) Fluorene	15.501	166	119062	4.895	ng/ul	99
14) Pentachlorophenol	16.879	266	104	0.035	ng/ul#	37
15) Phenanthrene	17.246	178	1801752	49.575	ng/ul	99
16) Anthracene	17.339	178	439586	14.086	ng/ul	97
19) Fluoranthene	19.276	202	3266963	157.966	ng/ul	99
20) Pyrene	19.638	202	2837629	127.055	ng/ul	96
21) Benzo(a)anthracene	21.389	228	1441935	86.513	ng/ul	97
22) Chrysene	21.442	228	1383477	73.348	ng/ul	97
24) Benzo(b)fluoranthene	23.052	252	1943758	68.763	ng/ul	92
26) Benzo(a)pyrene	23.663	252	1385538	54.593	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.206	276	1053861	32.839	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.209	278	262225	10.528	ng/ul	96
29) Benzo(g,h,i)perylene	26.960	276	920981	32.936	ng/ul	98

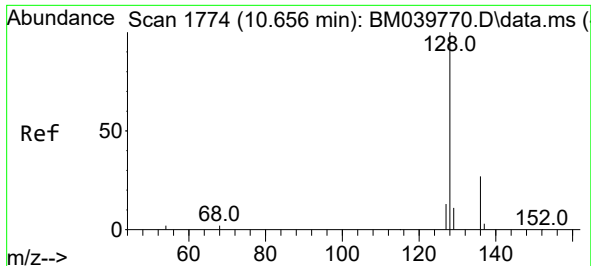
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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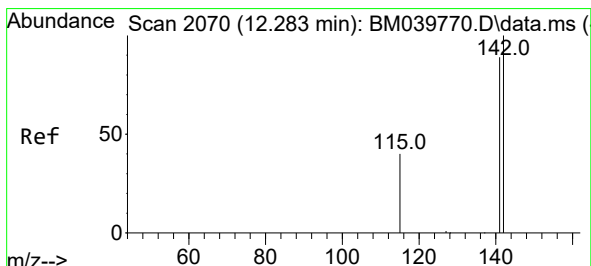
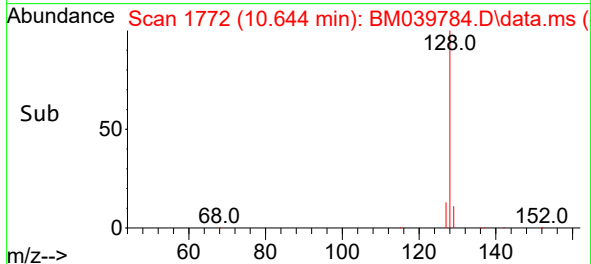
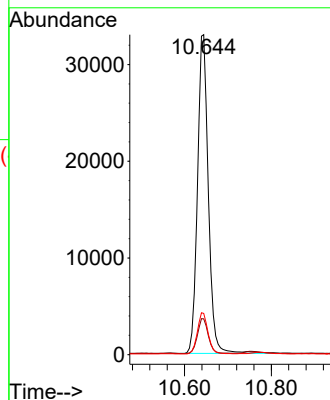
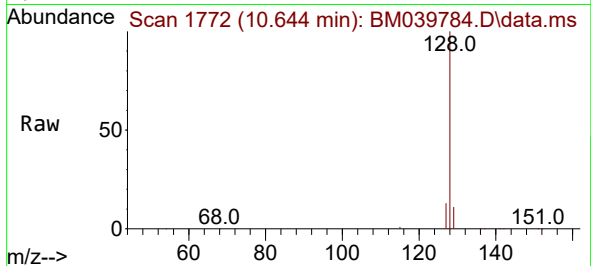




#5
Naphthalene
Concen: 1.823 ng/ul
RT: 10.644 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

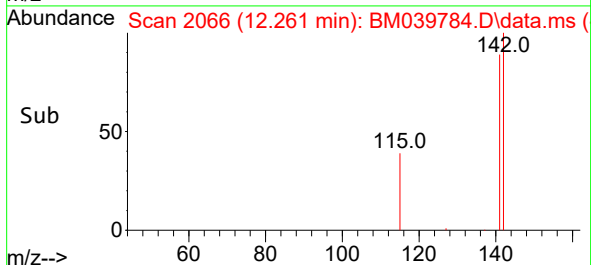
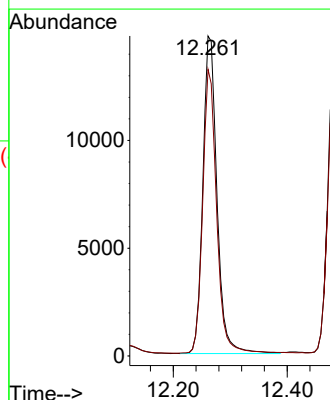
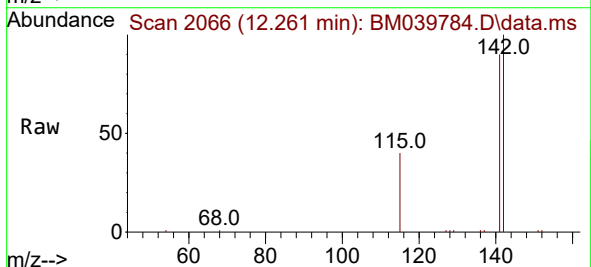
Instrument :
BNA_M
ClientSampleId :
EW8Y8

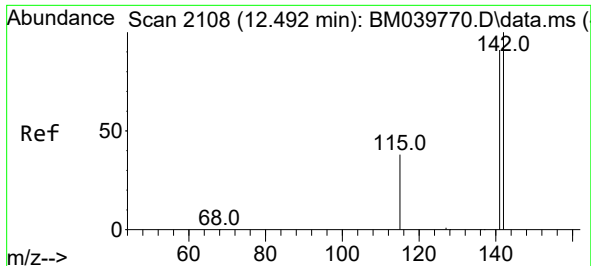
Tgt Ion:128 Resp: 57505
Ion Ratio Lower Upper
128 100
129 11.2 9.8 14.6
127 12.9 11.1 16.7



#7
2-Methylnaphthalene
Concen: 1.389 ng/ul
RT: 12.261 min Scan# 2066
Delta R.T. -0.017 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

Tgt Ion:142 Resp: 25282
Ion Ratio Lower Upper
142 100
141 88.3 73.2 109.8

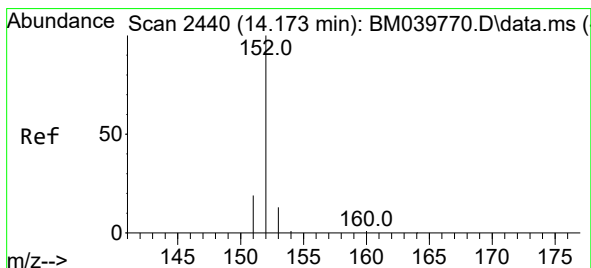
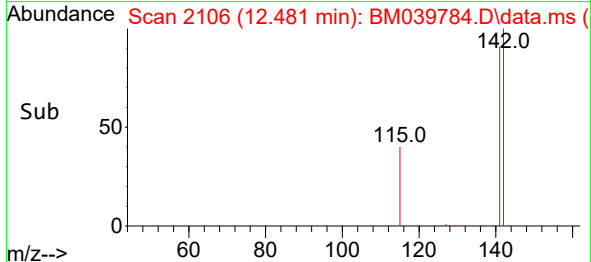
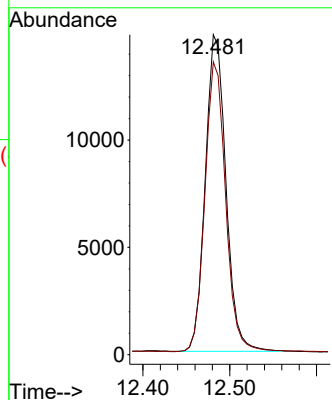
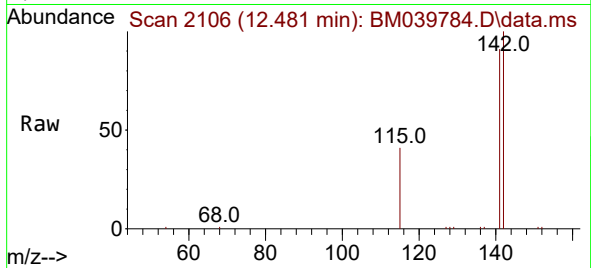




#8
1-Methylnaphthalene
Concen: 1.248 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.011 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

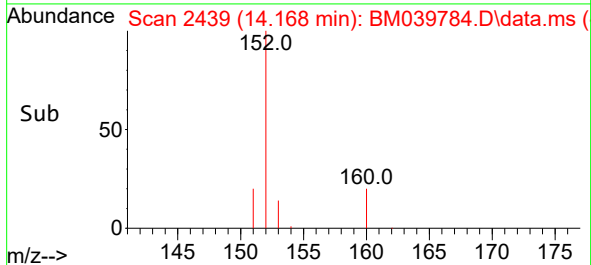
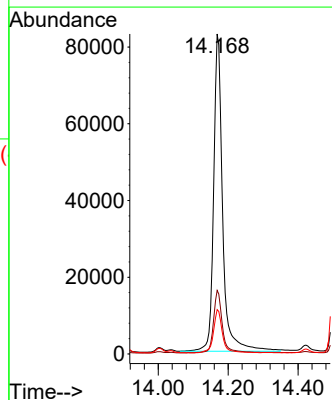
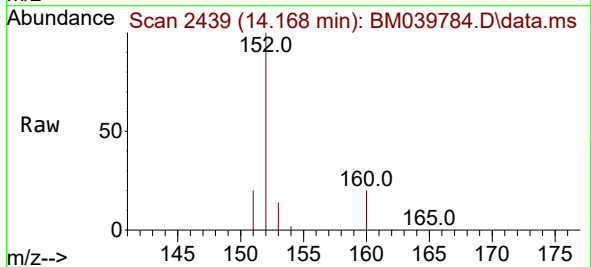
Instrument :
BNA_M
ClientSampleId :
EW8Y8

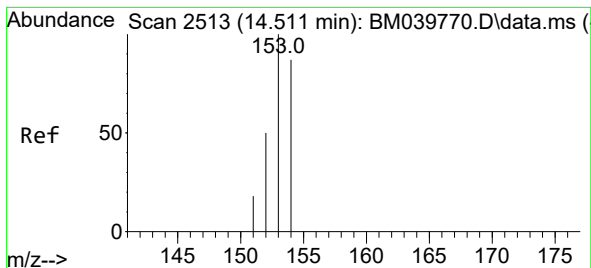
Tgt Ion:142 Resp: 24367
Ion Ratio Lower Upper
142 100
141 91.6 73.4 110.2



#10
Acenaphthylene
Concen: 5.331 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

Tgt Ion:152 Resp: 148796
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.9 11.2 16.8





#11

Acenaphthene

Concen: 4.622 ng/ul

RT: 14.511 min Scan# 2513

Delta R.T. -0.000 min

Lab File: BM039784.D

Acq: 01 May 2023 19:13

Instrument :

BNA_M

ClientSampleId :

EW8Y8

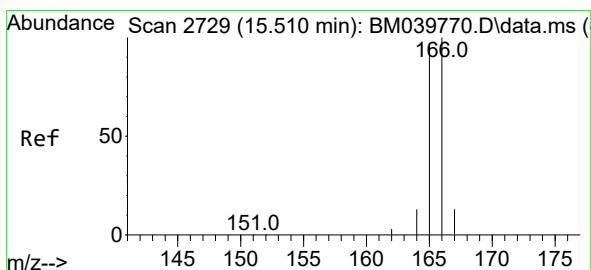
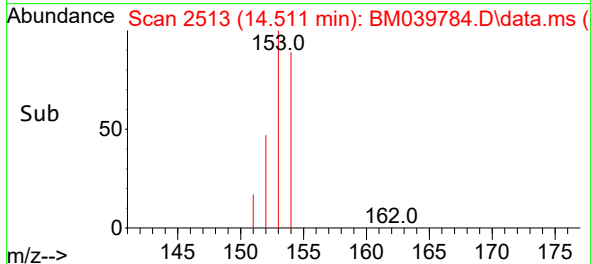
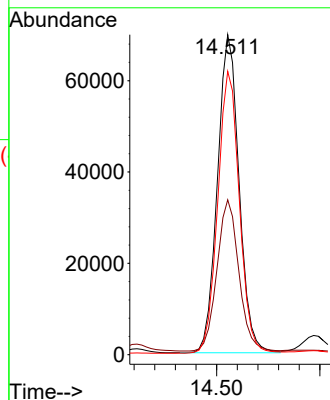
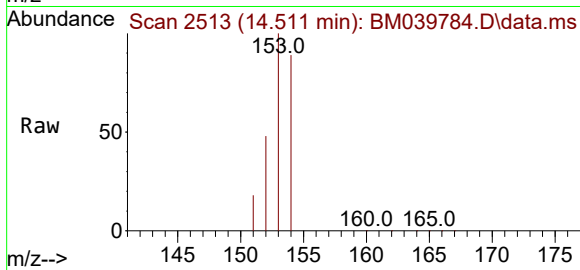
Tgt Ion:153 Resp: 101337

Ion Ratio Lower Upper

153 100

152 48.4 40.6 61.0

154 88.5 71.9 107.9



#12

Fluorene

Concen: 4.895 ng/ul

RT: 15.501 min Scan# 2727

Delta R.T. -0.009 min

Lab File: BM039784.D

Acq: 01 May 2023 19:13

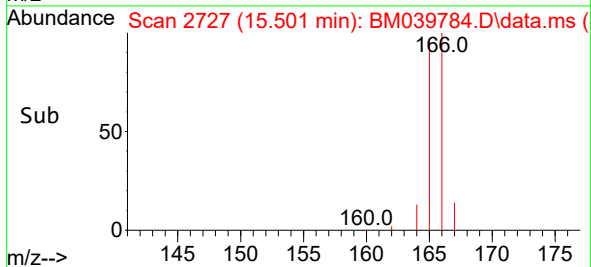
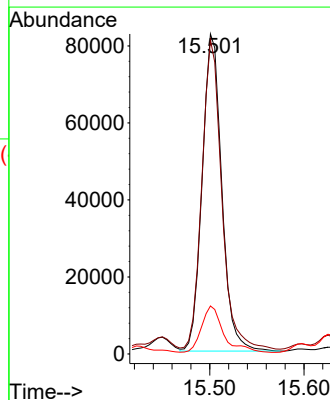
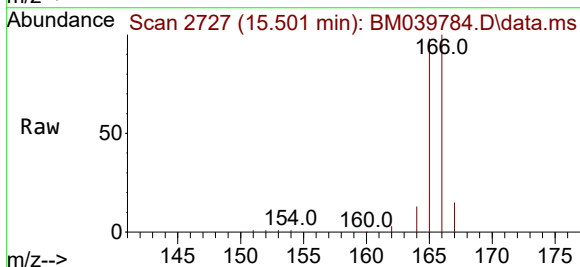
Tgt Ion:166 Resp: 119062

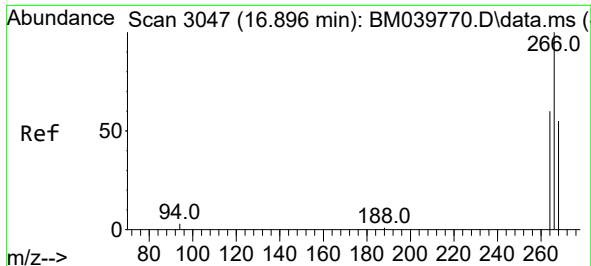
Ion Ratio Lower Upper

166 100

165 98.1 79.0 118.6

167 15.0 11.8 17.6

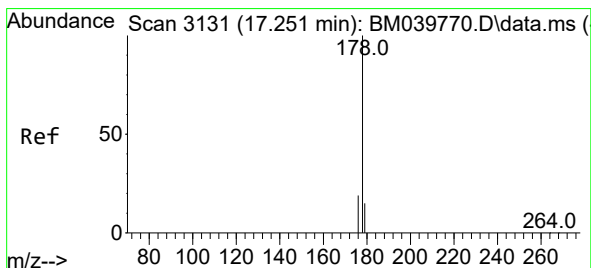
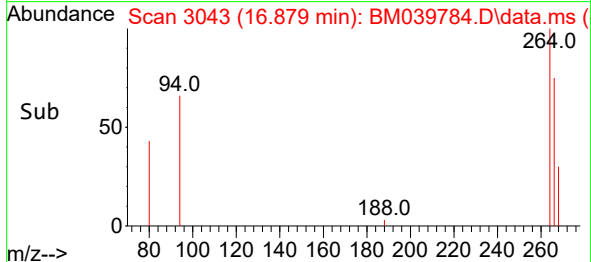
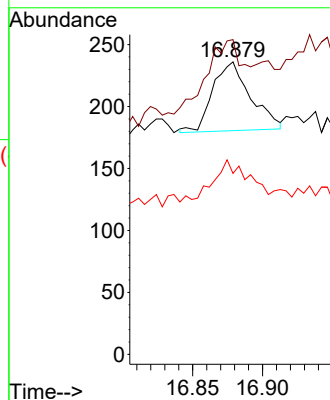
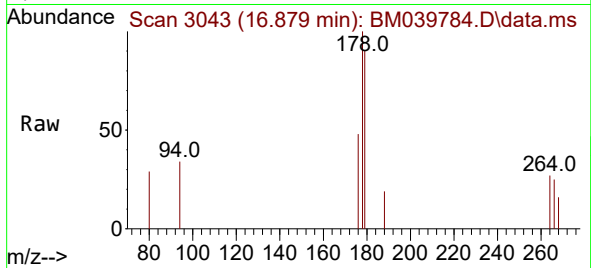




#14
 Pentachlorophenol
 Concen: 0.035 ng/ul
 RT: 16.879 min Scan# 3047
 Delta R.T. -0.008 min
 Lab File: BM039784.D
 Acq: 01 May 2023 19:13

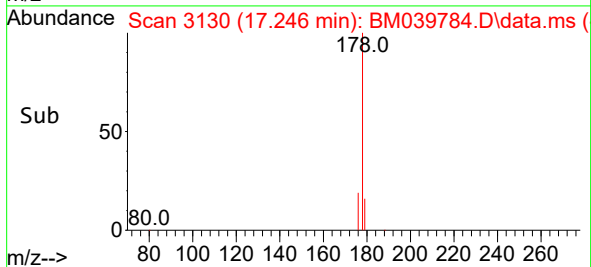
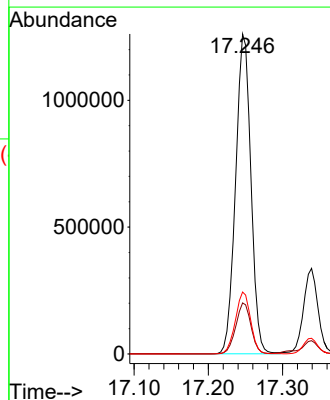
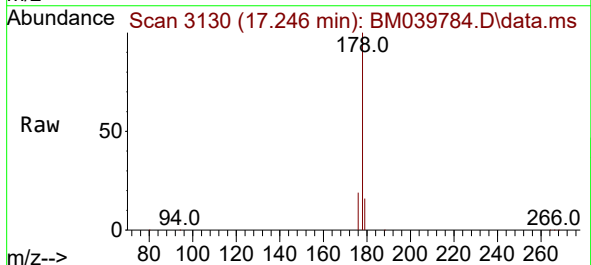
Instrument :
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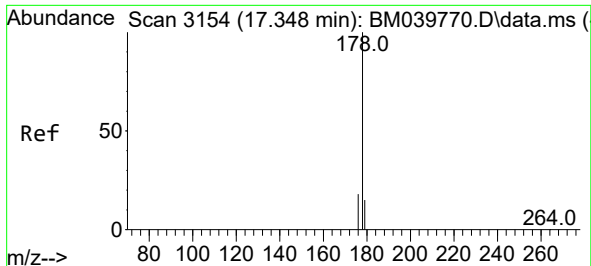
Tgt Ion:266 Resp: 104
 Ion Ratio Lower Upper
 266 100
 264 155.8 48.8 73.2#
 268 60.6 50.4 75.6



#15
 Phenanthrene
 Concen: 49.575 ng/ul
 RT: 17.246 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: BM039784.D
 Acq: 01 May 2023 19:13

Tgt Ion:178 Resp: 1801752
 Ion Ratio Lower Upper
 178 100
 179 16.0 13.0 19.6
 176 19.4 15.8 23.8

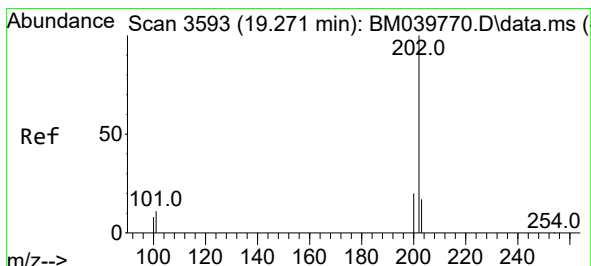
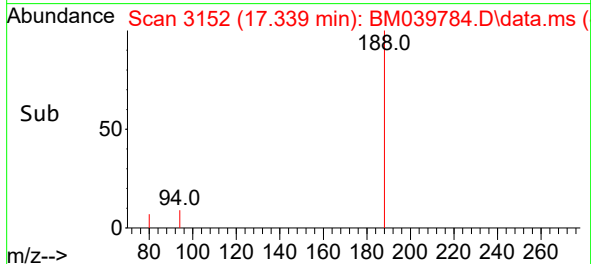
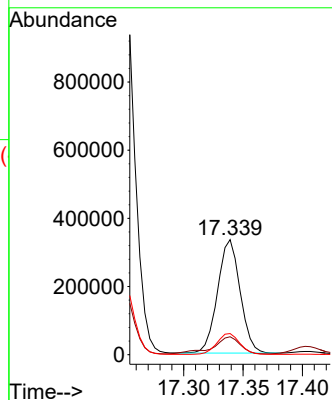
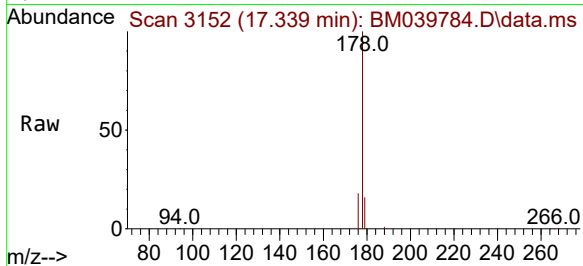




#16
 Anthracene
 Concen: 14.086 ng/ul
 RT: 17.339 min Scan# 3154
 Delta R.T. -0.004 min
 Lab File: BM039784.D
 Acq: 01 May 2023 19:13

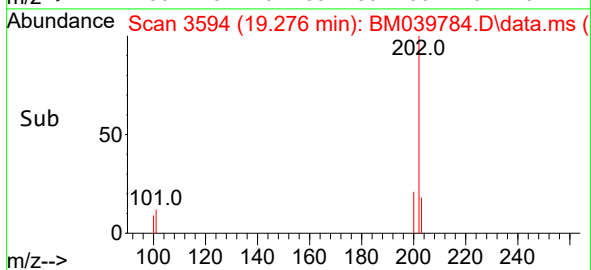
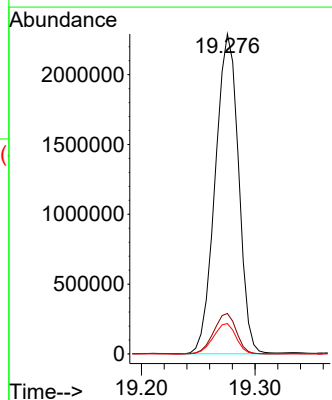
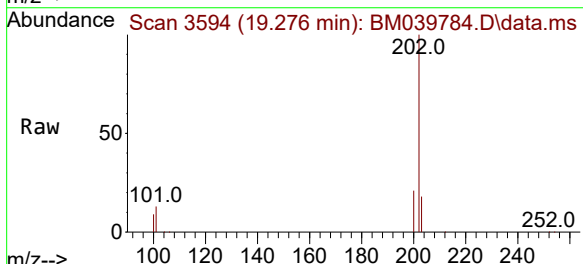
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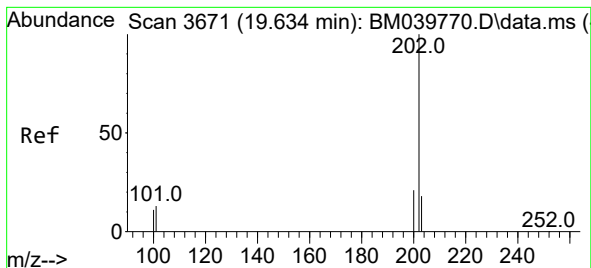
Tgt Ion:178 Resp: 439586
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.8 20.6
 176 18.4 15.8 23.8



#19
 Fluoranthene
 Concen: 157.966 ng/ul
 RT: 19.276 min Scan# 3594
 Delta R.T. 0.009 min
 Lab File: BM039784.D
 Acq: 01 May 2023 19:13

Tgt Ion:202 Resp: 3266963
 Ion Ratio Lower Upper
 202 100
 101 12.6 9.8 14.8
 100 9.5 7.3 10.9





#20

Pyrene

Concen: 127.055 ng/ul

RT: 19.638 min Scan# 3

Delta R.T. 0.005 min

Lab File: BM039784.D

Acq: 01 May 2023 19:13

Instrument :

BNA_M

ClientSampleId :

EW8Y8

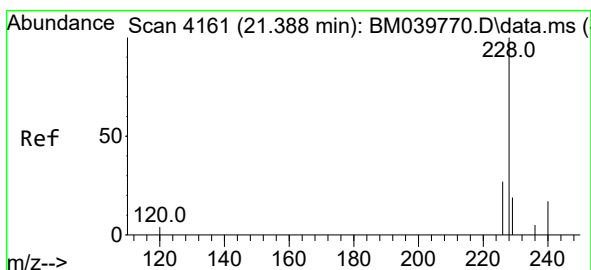
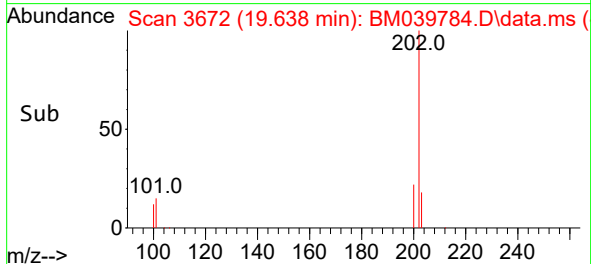
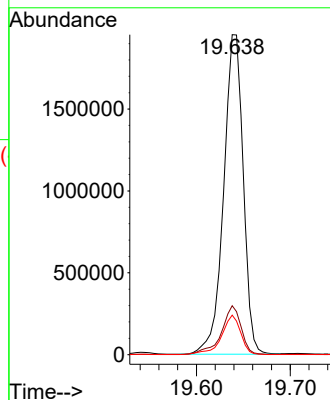
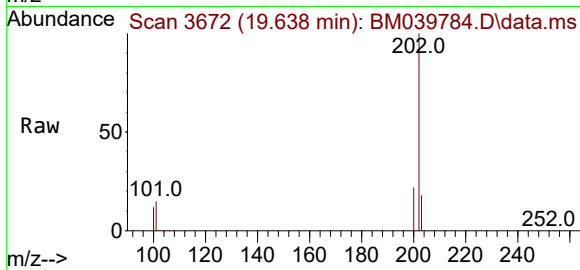
Tgt Ion:202 Resp: 2837629

Ion Ratio Lower Upper

202 100

101 15.3 10.9 16.3

100 12.3 8.9 13.3



#21

Benzo(a)anthracene

Concen: 86.513 ng/ul

RT: 21.389 min Scan# 4161

Delta R.T. 0.006 min

Lab File: BM039784.D

Acq: 01 May 2023 19:13

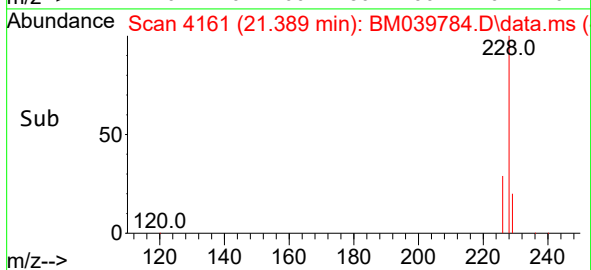
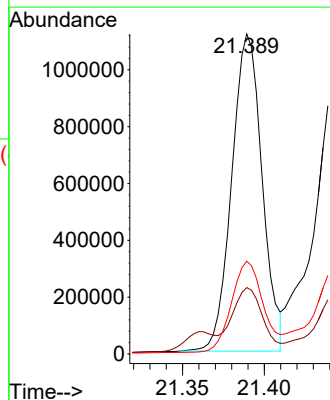
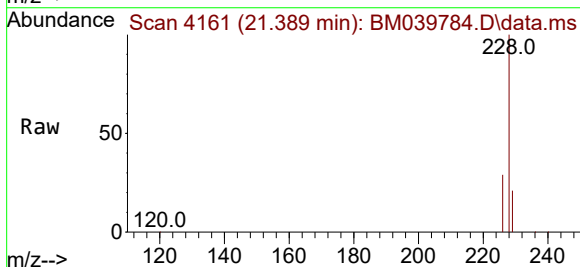
Tgt Ion:228 Resp: 1441935

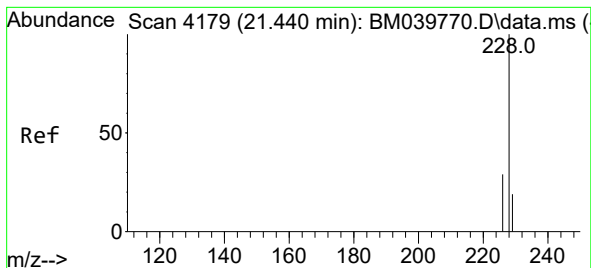
Ion Ratio Lower Upper

228 100

229 20.8 16.2 24.2

226 29.0 21.6 32.4





#22

Chrysene

Concen: 73.348 ng/ul

RT: 21.442 min Scan# 4179

Delta R.T. 0.006 min

Lab File: BM039784.D

Acq: 01 May 2023 19:13

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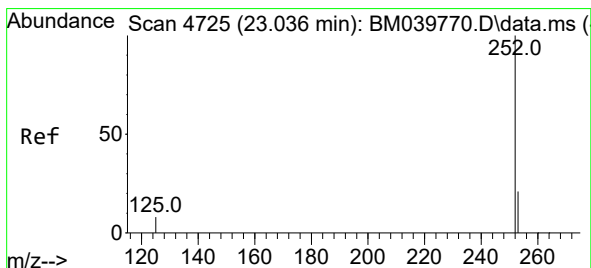
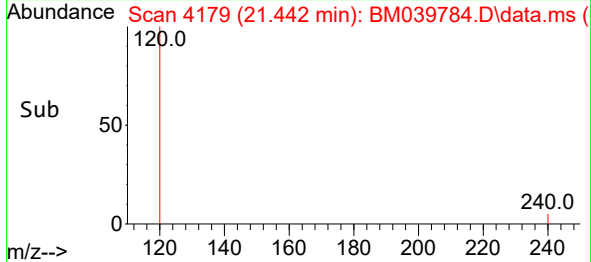
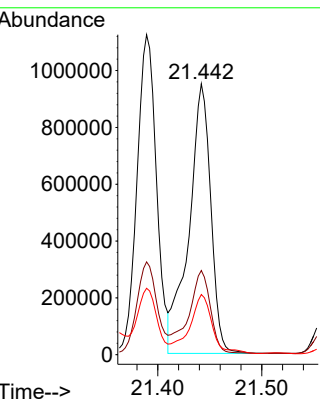
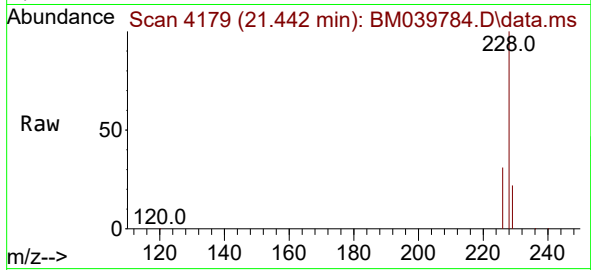
Tgt Ion:228 Resp: 1383477

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 22.2 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 68.763 ng/ul

RT: 23.052 min Scan# 4730

Delta R.T. 0.020 min

Lab File: BM039784.D

Acq: 01 May 2023 19:13

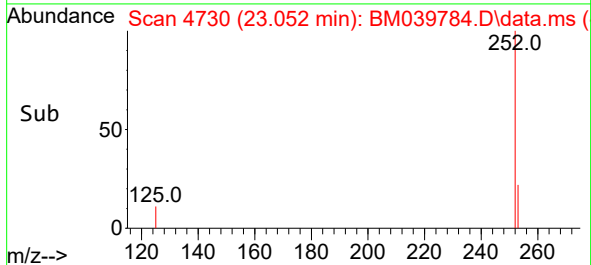
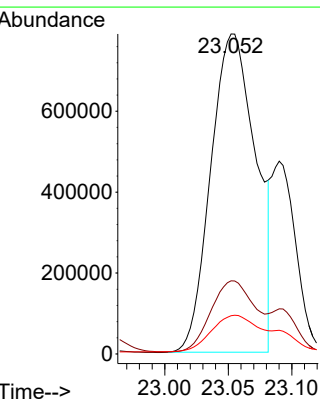
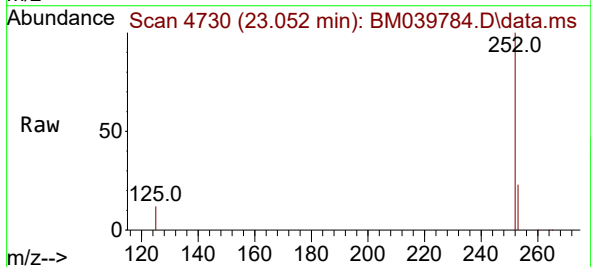
Tgt Ion:252 Resp: 1943758

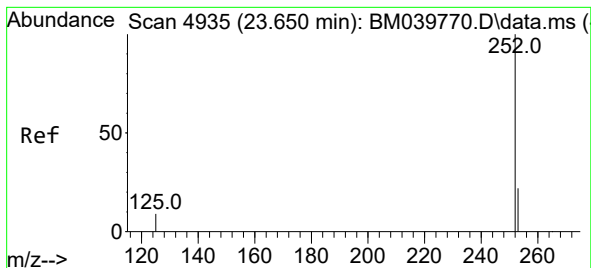
Ion Ratio Lower Upper

252 100

253 22.8 0.0 52.8

125 11.9 0.0 31.6





#26

Benzo(a)pyrene

Concen: 54.593 ng/ul

RT: 23.663 min Scan# 4939

Delta R.T. 0.020 min

Lab File: BM039784.D

Acq: 01 May 2023 19:13

Instrument :

BNA_M

ClientSampleId :

EW8Y8

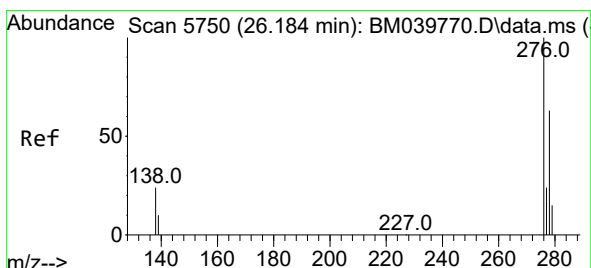
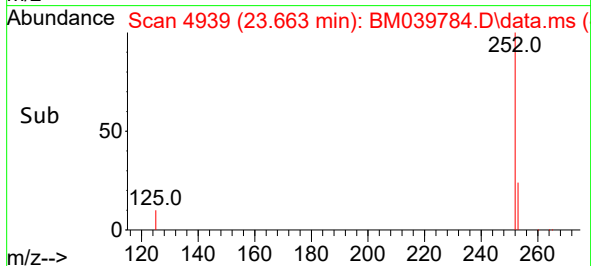
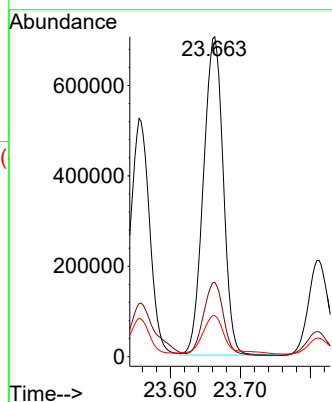
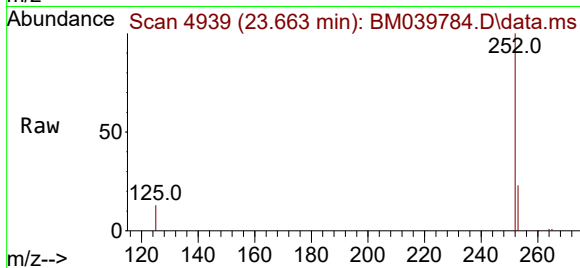
Tgt Ion:252 Resp: 1385538

Ion Ratio Lower Upper

252 100

253 23.2 24.7 37.1#

125 12.9 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 32.839 ng/ul

RT: 26.206 min Scan# 5756

Delta R.T. 0.027 min

Lab File: BM039784.D

Acq: 01 May 2023 19:13

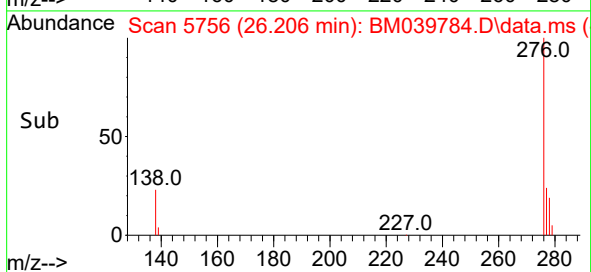
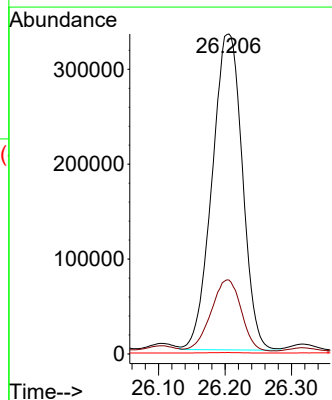
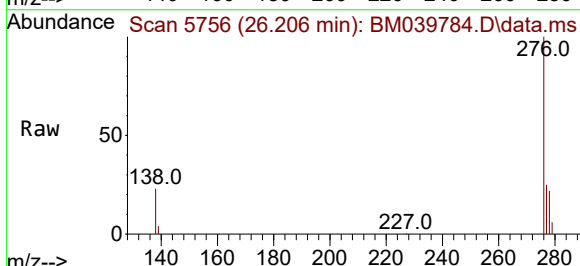
Tgt Ion:276 Resp: 1053861

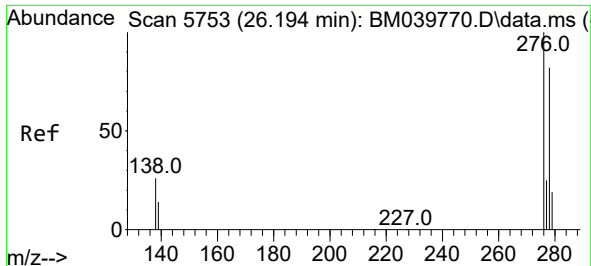
Ion Ratio Lower Upper

276 100

138 22.4 21.1 31.7

227 0.2 0.1 0.1#

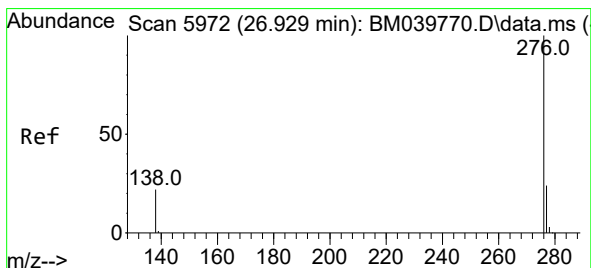
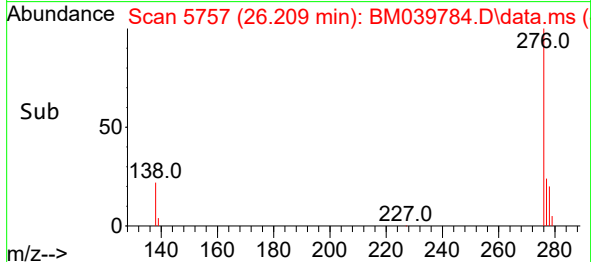
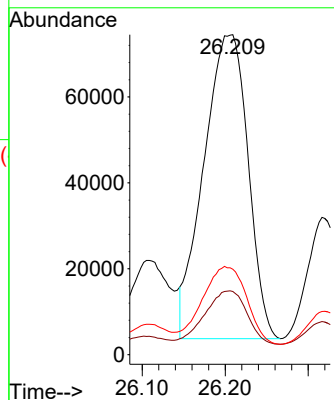
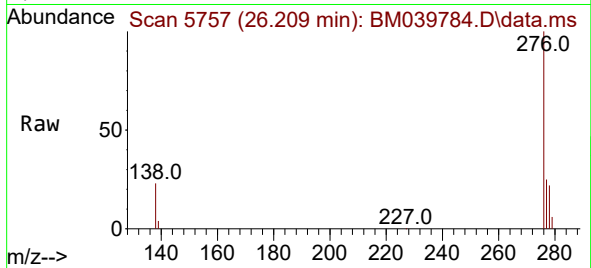




#28
Dibenzo(a,h)anthracene
Concen: 10.528 ng/ul
RT: 26.209 min Scan# 51
Delta R.T. 0.020 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

Instrument :
BNA_M
ClientSampleId :
EW8Y8

Tgt Ion:278 Resp: 262225
Ion Ratio Lower Upper
278 100
139 19.8 17.0 25.6
279 26.7 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 32.936 ng/ul
RT: 26.960 min Scan# 5981
Delta R.T. 0.040 min
Lab File: BM039784.D
Acq: 01 May 2023 19:13

Tgt Ion:276 Resp: 920981
Ion Ratio Lower Upper
276 100
138 23.4 20.1 30.1
277 24.4 20.1 30.1

