

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039764.D
 Acq On : 29 Apr 2023 08:32
 Operator : CG/JU
 Sample : 02417-16DL 5X
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y2DL

Quant Time: May 01 01:33:19 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

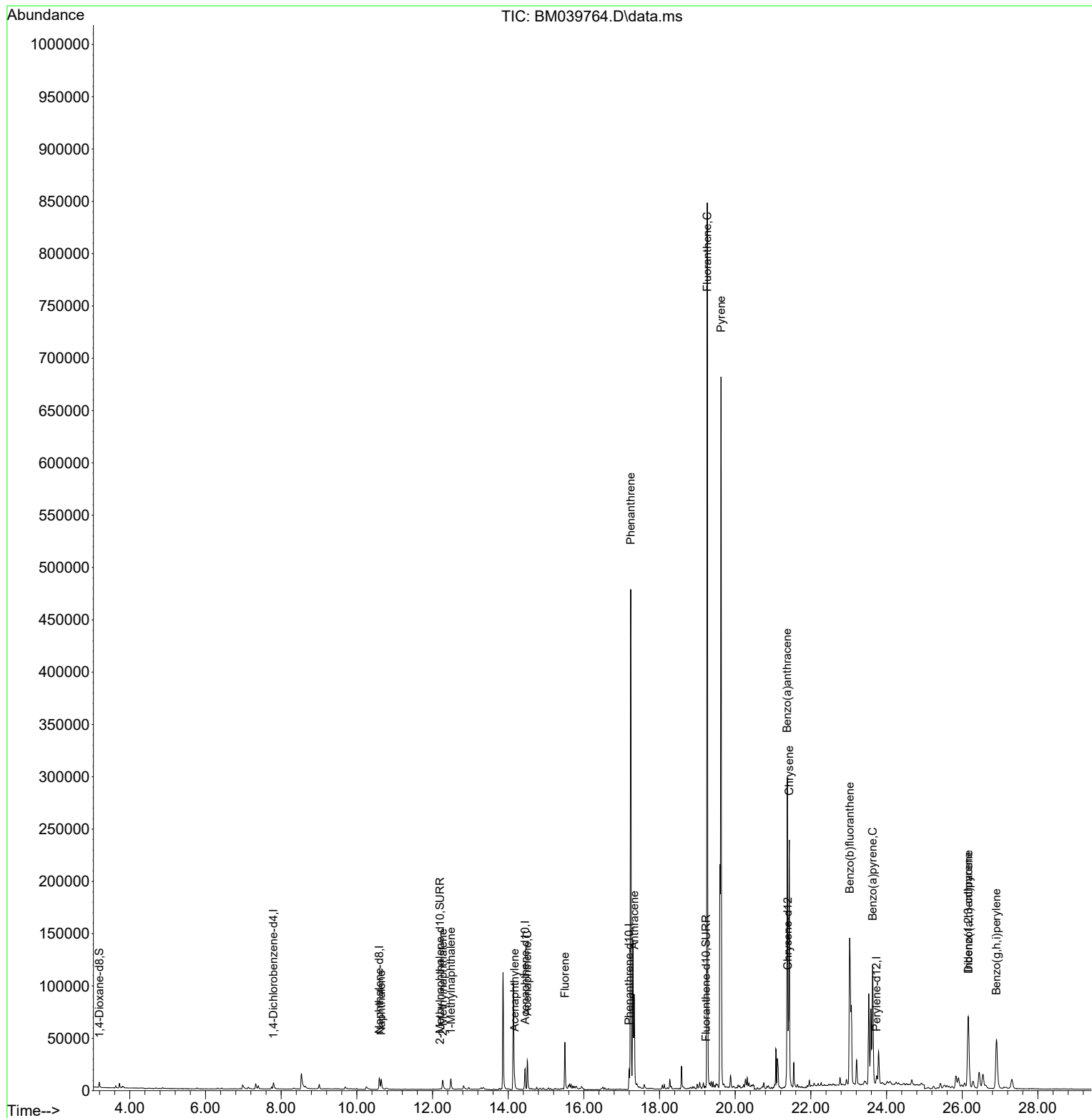
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	4603	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.595	136	18212	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.446	164	11011	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.196	188	22455	0.400	ng/ul	-0.01
17) Chrysene-d12	21.393	240	12214	0.400	ng/ul	0.00
23) Perylene-d12	23.738	264	10865	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3292	0.485	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	1059	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.229	212	2001	0.061	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	14894	0.326	ng/ul	100
7) 2-Methylnaphthalene	12.272	142	9079	0.344	ng/ul	95
8) 1-Methylnaphthalene	12.487	142	8032	0.284	ng/ul	100
10) Acenaphthylene	14.168	152	12163	0.285	ng/ul	96
11) Acenaphthene	14.506	153	16462	0.492	ng/ul	98
12) Fluorene	15.501	166	30879	0.831	ng/ul	98
15) Phenanthrene	17.238	178	506372	8.560	ng/ul	98
16) Anthracene	17.331	178	103337	2.034	ng/ul	98
19) Fluoranthene	19.262	202	714592	16.399	ng/ul	97
20) Pyrene	19.624	202	571074	12.136	ng/ul	99
21) Benzo(a)anthracene	21.376	228	251677	7.167	ng/ul	99
22) Chrysene	21.429	228	227948	5.736	ng/ul	99
24) Benzo(b)fluoranthene	23.027	252	256545	6.723	ng/ul	92
26) Benzo(a)pyrene	23.632	252	166970	4.874	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.161	276	115977	2.677	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.164	278	31378	0.933	ng/ul	99
29) Benzo(g,h,i)perylene	26.905	276	104602	2.771	ng/ul	97

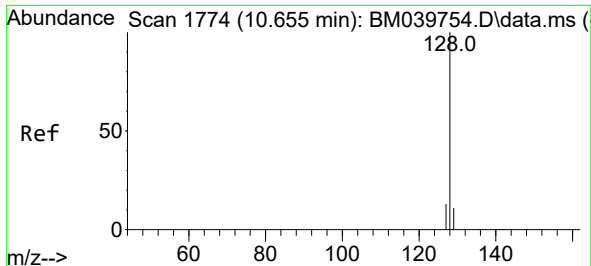
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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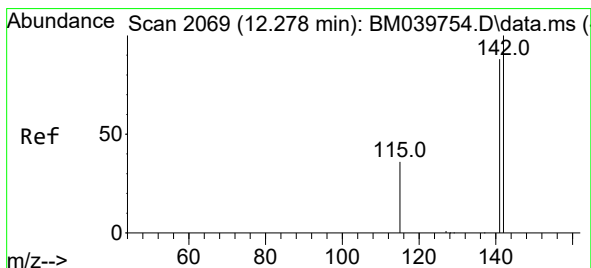
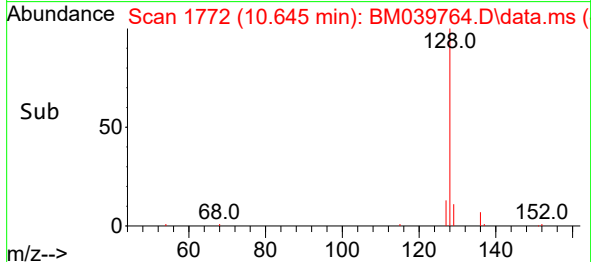
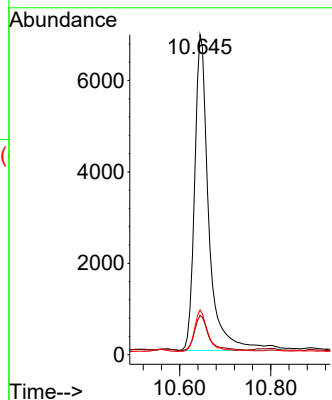
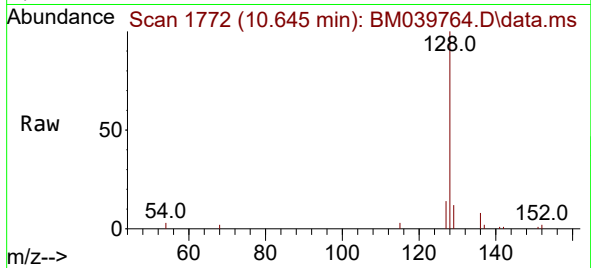




#5
Naphthalene
Concen: 0.326 ng/ul
RT: 10.645 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

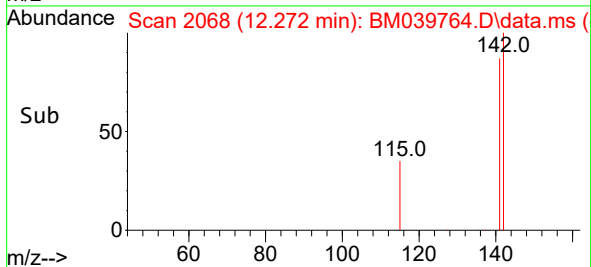
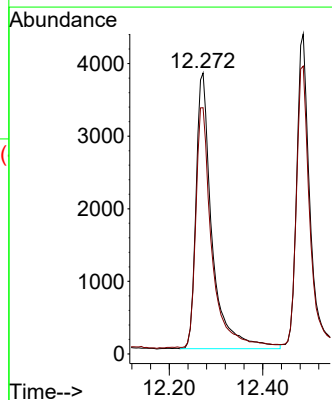
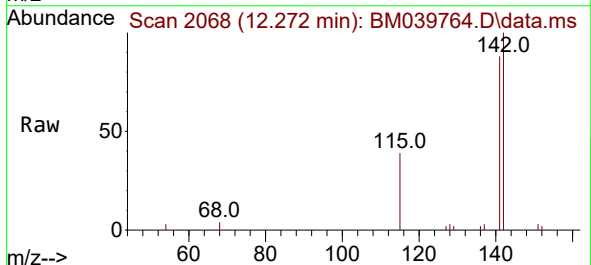
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ClientSampleId :
EW8Y2DL

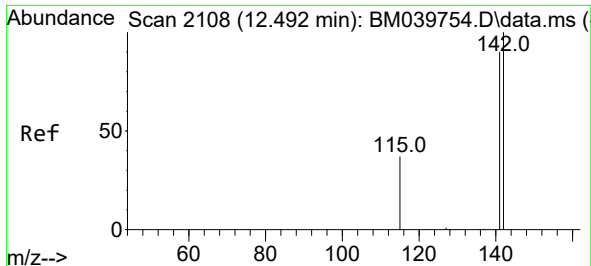
Tgt Ion:128 Resp: 14894
Ion Ratio Lower Upper
128 100
129 12.3 9.8 14.6
127 13.9 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.272 min Scan# 2068
Delta R.T. -0.005 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

Tgt Ion:142 Resp: 9079
Ion Ratio Lower Upper
142 100
141 87.1 73.2 109.8

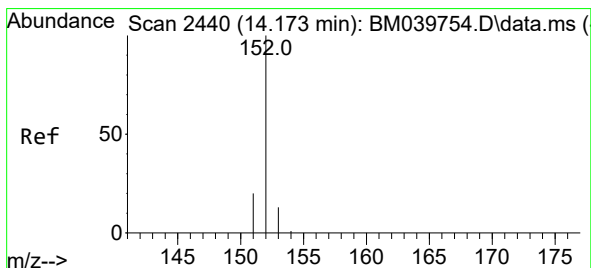
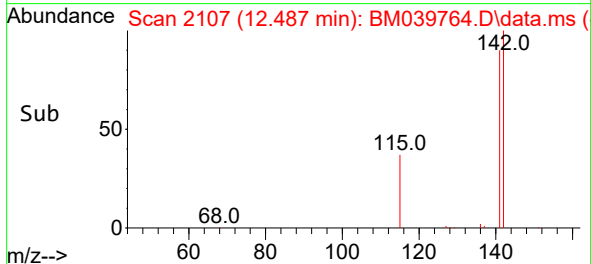
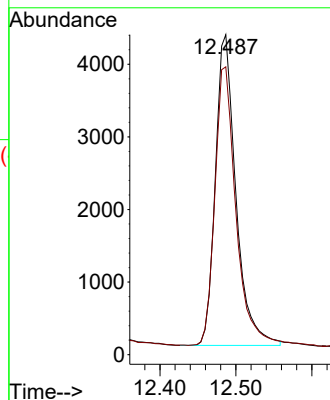
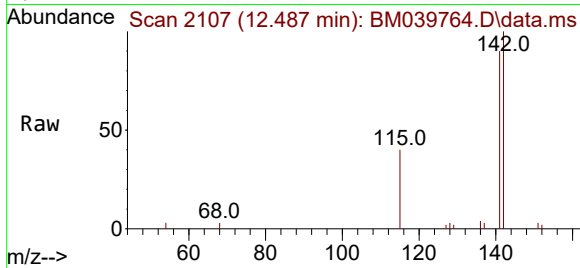




#8
1-Methylnaphthalene
Concen: 0.284 ng/ul
RT: 12.487 min Scan# 2108
Delta R.T. -0.005 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

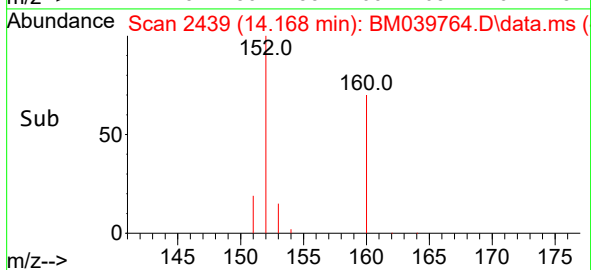
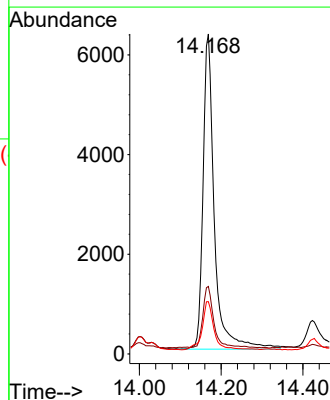
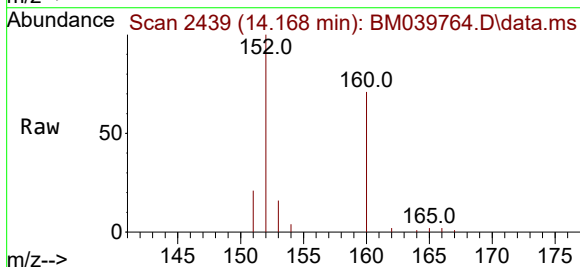
Instrument :
BNA_M
ClientSampleId :
EW8Y2DL

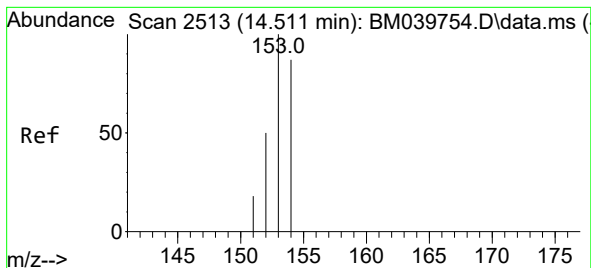
Tgt Ion:142 Resp: 8032
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2



#10
Acenaphthylene
Concen: 0.285 ng/ul
RT: 14.168 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

Tgt Ion:152 Resp: 12163
Ion Ratio Lower Upper
152 100
151 21.1 16.0 24.0
153 16.4 11.2 16.8





#11

Acenaphthene

Concen: 0.492 ng/ul

RT: 14.506 min Scan# 2512

Delta R.T. -0.004 min

Lab File: BM039764.D

Acq: 29 Apr 2023 08:32

Instrument :

BNA_M

ClientSampleId :

EW8Y2DL

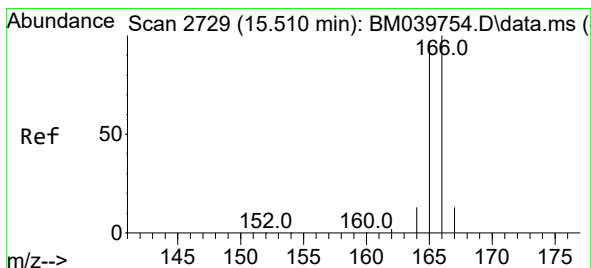
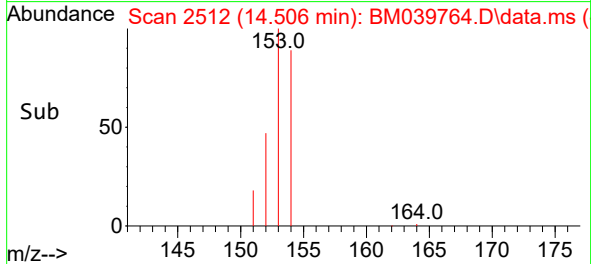
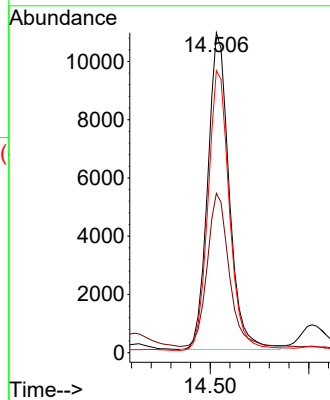
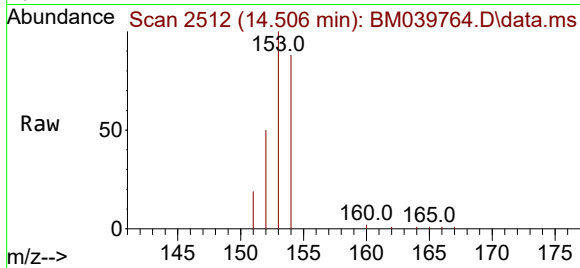
Tgt Ion:153 Resp: 16462

Ion Ratio Lower Upper

153 100

152 49.8 40.6 61.0

154 88.2 71.9 107.9



#12

Fluorene

Concen: 0.831 ng/ul

RT: 15.501 min Scan# 2727

Delta R.T. -0.009 min

Lab File: BM039764.D

Acq: 29 Apr 2023 08:32

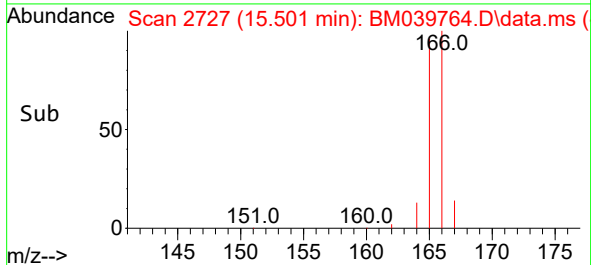
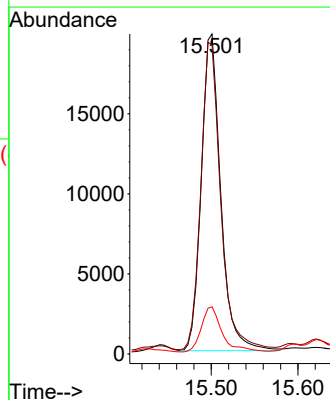
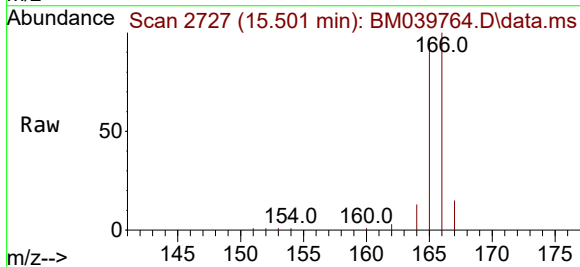
Tgt Ion:166 Resp: 30879

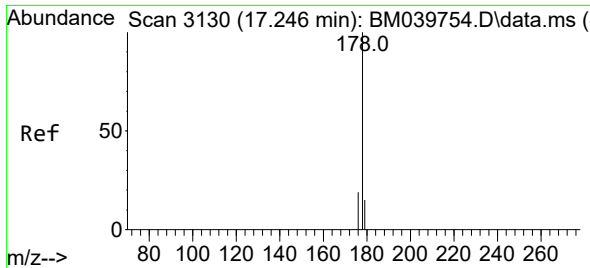
Ion Ratio Lower Upper

166 100

165 96.6 79.0 118.6

167 14.7 11.8 17.6

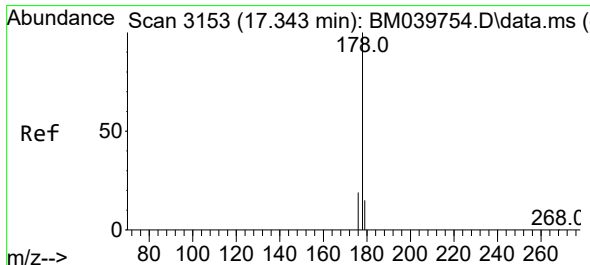
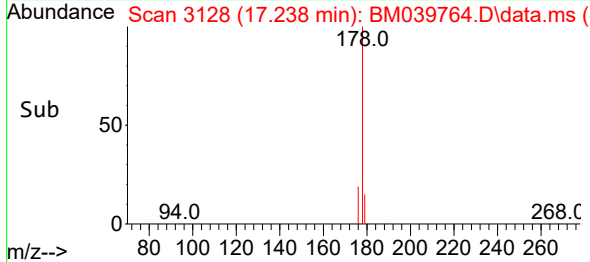
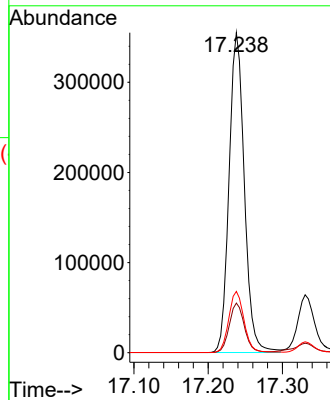
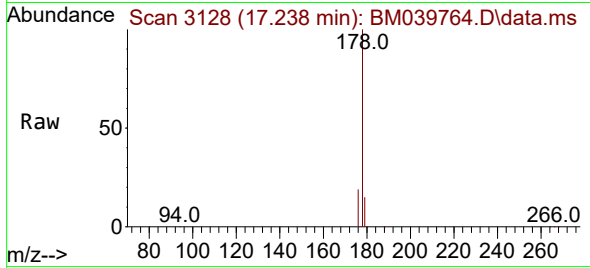




#15
Phenanthrene
Concen: 8.560 ng/ul
RT: 17.238 min Scan# 3130
Delta R.T. -0.008 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

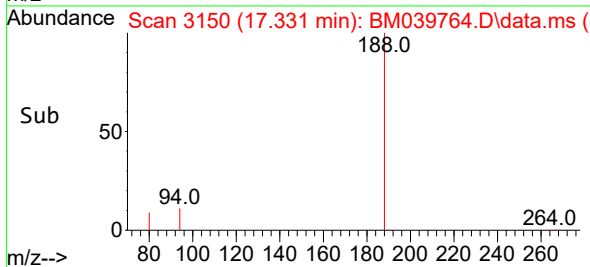
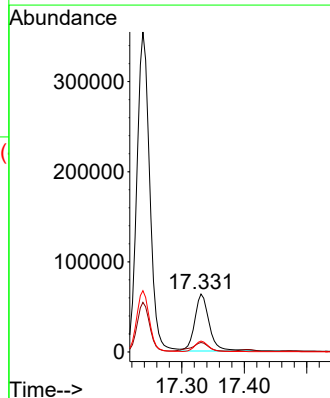
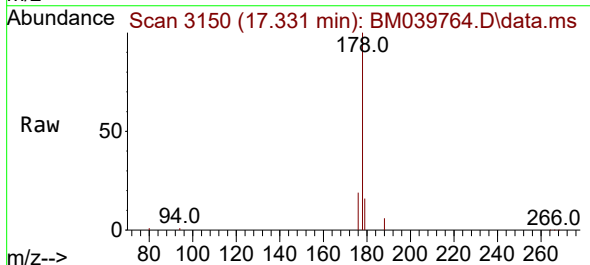
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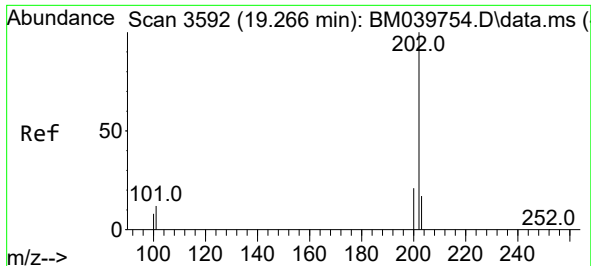
Tgt Ion:178 Resp: 506372
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.2 15.8 23.8



#16
Anthracene
Concen: 2.034 ng/ul
RT: 17.331 min Scan# 3150
Delta R.T. -0.013 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

Tgt Ion:178 Resp: 103337
Ion Ratio Lower Upper
178 100
179 16.5 13.8 20.6
176 18.8 15.8 23.8

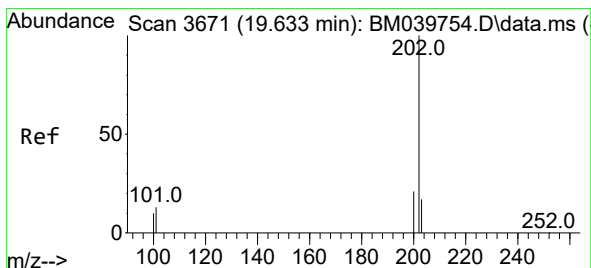
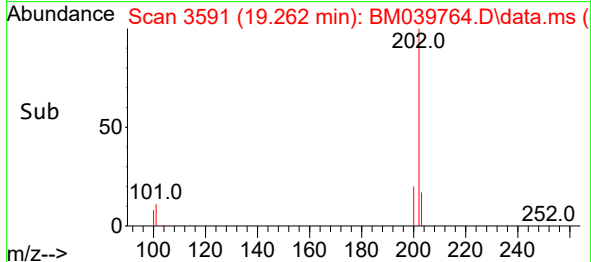
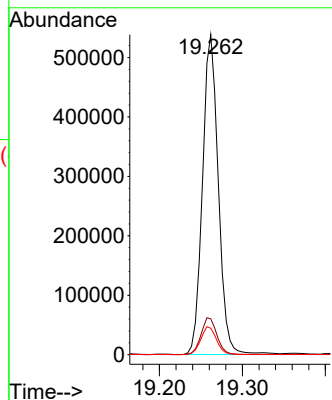
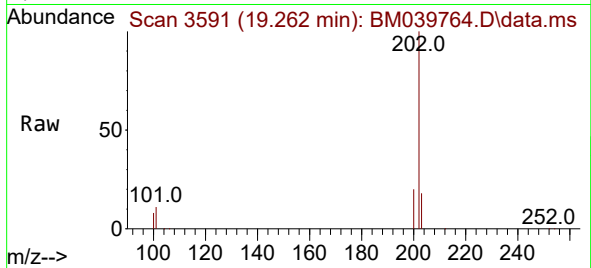




#19
Fluoranthene
Concen: 16.399 ng/ul
RT: 19.262 min Scan# 3591
Delta R.T. -0.005 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

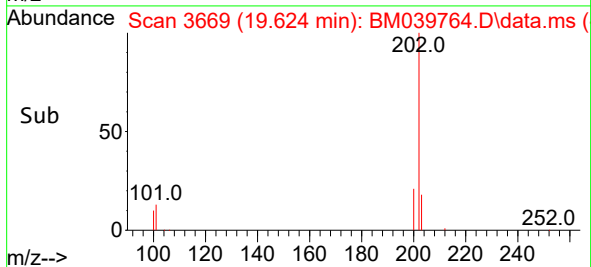
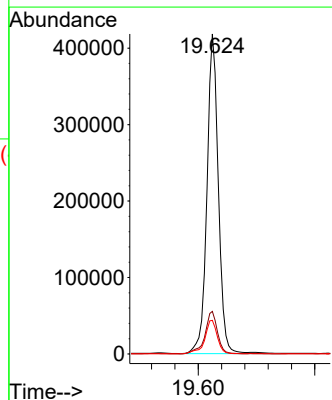
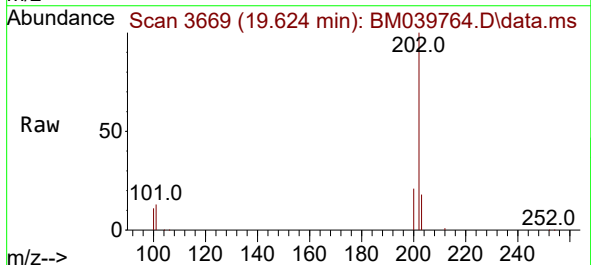
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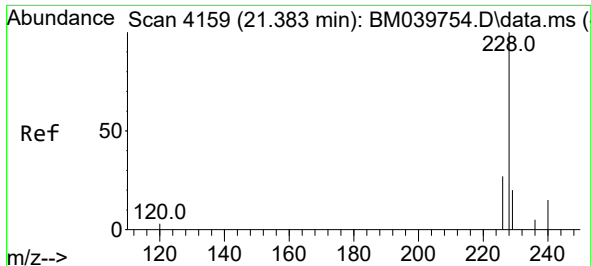
Tgt Ion:202 Resp: 714592
Ion Ratio Lower Upper
202 100
101 11.2 9.8 14.8
100 8.3 7.3 10.9



#20
Pyrene
Concen: 12.136 ng/ul
RT: 19.624 min Scan# 3669
Delta R.T. -0.009 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

Tgt Ion:202 Resp: 571074
Ion Ratio Lower Upper
202 100
101 13.3 10.9 16.3
100 10.5 8.9 13.3

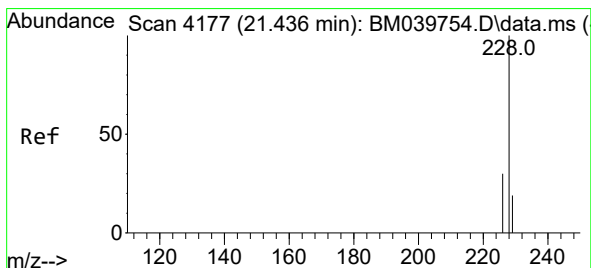
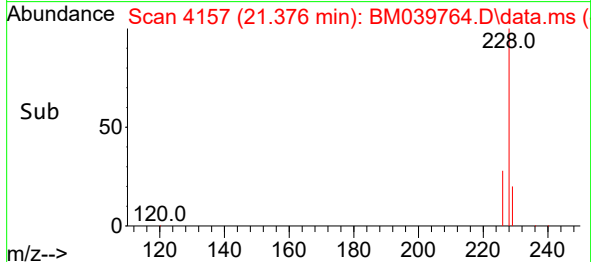
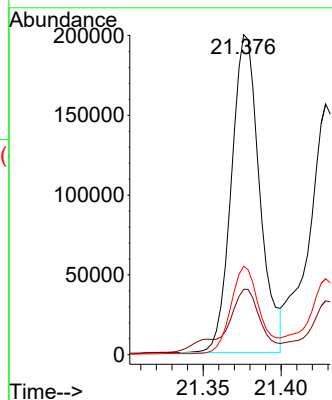
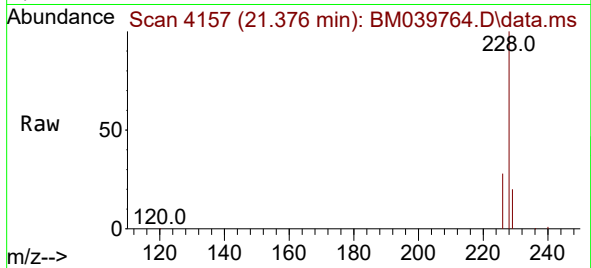




#21
Benzo(a)anthracene
Concen: 7.167 ng/ul
RT: 21.376 min Scan# 4157
Delta R.T. -0.007 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

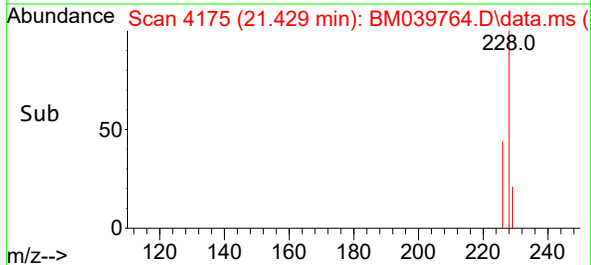
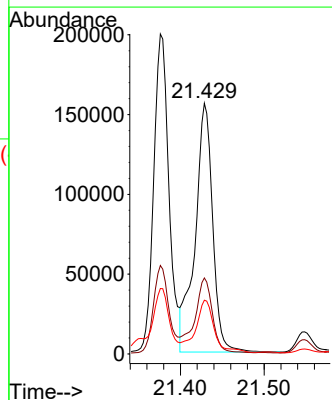
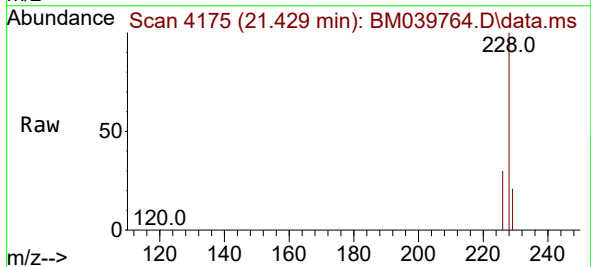
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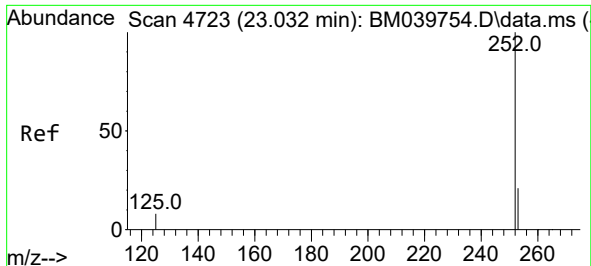
Tgt Ion:228 Resp: 251677
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.2
226 27.7 21.6 32.4



#22
Chrysene
Concen: 5.736 ng/ul
RT: 21.429 min Scan# 4175
Delta R.T. -0.007 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

Tgt Ion:228 Resp: 227948
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 21.4 15.9 23.9

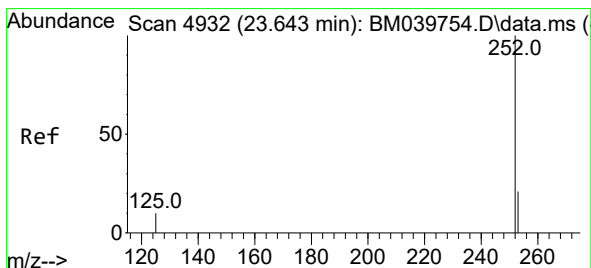
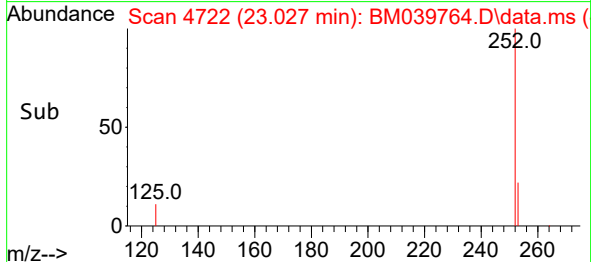
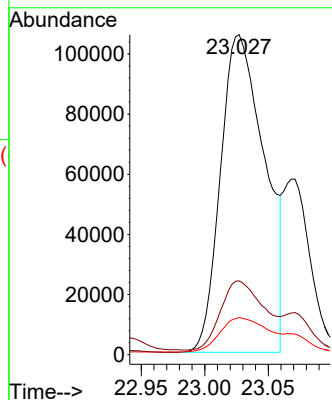
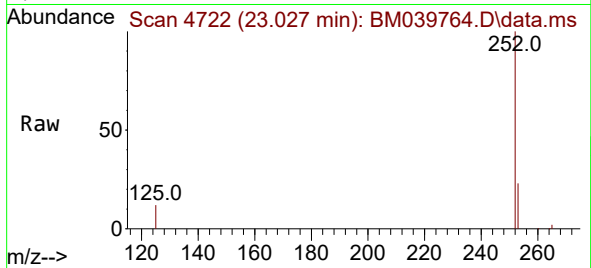




#24
Benzo(b)fluoranthene
Concen: 6.723 ng/ul
RT: 23.027 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

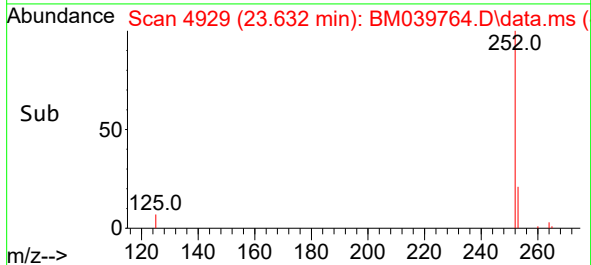
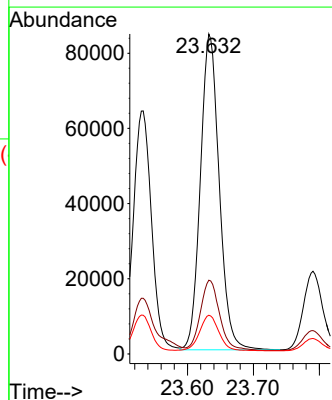
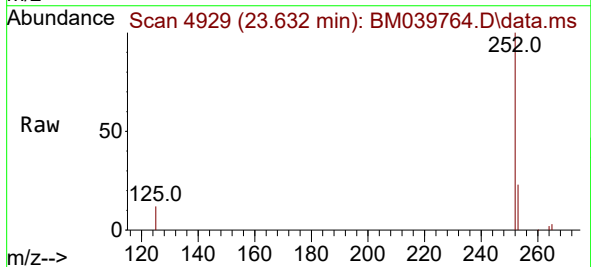
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ClientSampleId :
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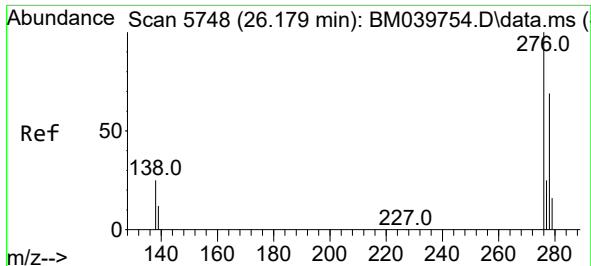
Tgt Ion:252 Resp: 256545
Ion Ratio Lower Upper
252 100
253 23.1 0.0 52.8
125 11.6 0.0 31.6



#26
Benzo(a)pyrene
Concen: 4.874 ng/ul
RT: 23.632 min Scan# 4929
Delta R.T. -0.010 min
Lab File: BM039764.D
Acq: 29 Apr 2023 08:32

Tgt Ion:252 Resp: 166970
Ion Ratio Lower Upper
252 100
253 23.1 24.7 37.1#
125 12.1 16.5 24.7#

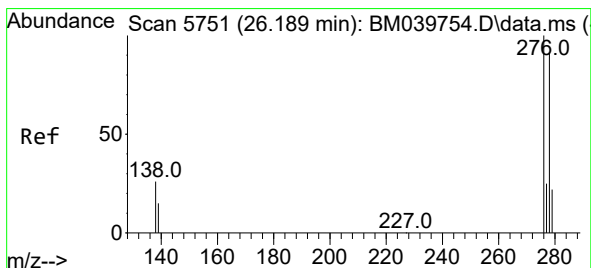
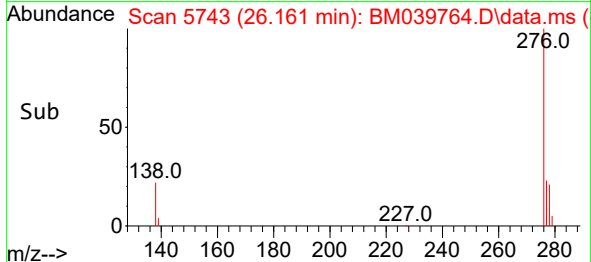
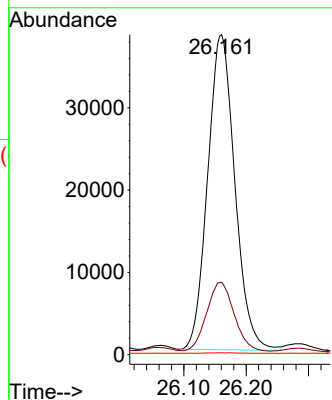
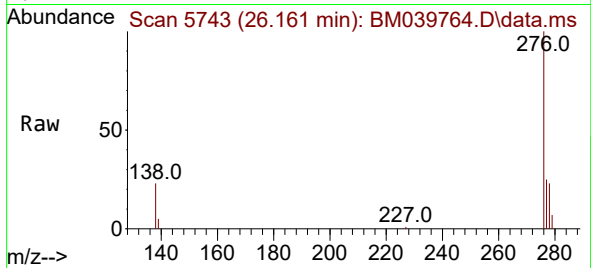




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.677 ng/ul
 RT: 26.161 min Scan# 51
 Delta R.T. -0.018 min
 Lab File: BM039764.D
 Acq: 29 Apr 2023 08:32

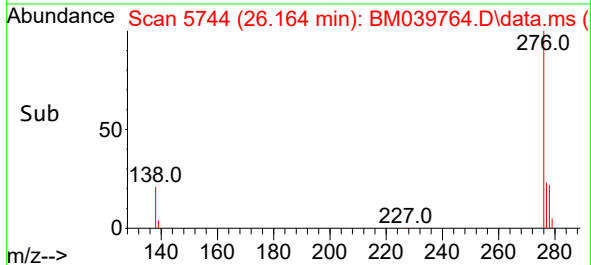
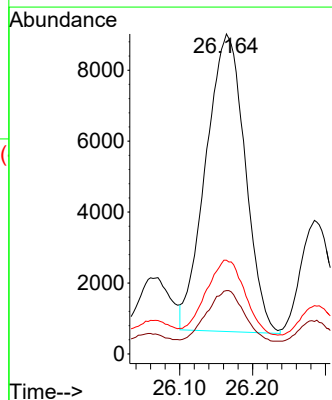
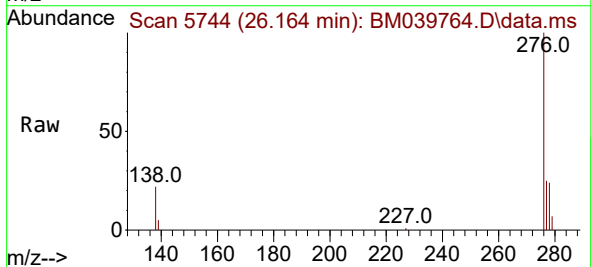
Instrument :
 BNA_M
 ClientSampleId :
 EW8Y2DL

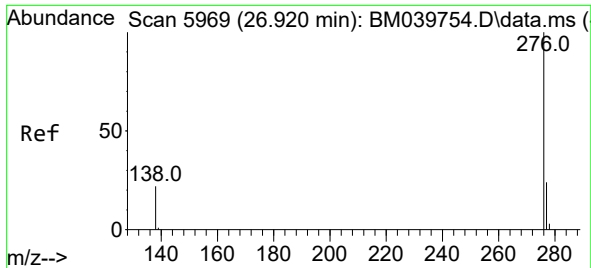
Tgt Ion:276 Resp: 115977
 Ion Ratio Lower Upper
 276 100
 138 22.2 21.1 31.7
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.933 ng/ul
 RT: 26.164 min Scan# 5744
 Delta R.T. -0.025 min
 Lab File: BM039764.D
 Acq: 29 Apr 2023 08:32

Tgt Ion:278 Resp: 31378
 Ion Ratio Lower Upper
 278 100
 139 19.8 17.0 25.6
 279 29.3 23.4 35.2





#29
 Benzo(g,h,i)perylene
 Concen: 2.771 ng/ul
 RT: 26.905 min Scan# 5965
 Delta R.T. -0.015 min
 Lab File: BM039764.D
 Acq: 29 Apr 2023 08:32

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y2DL

Tgt Ion:276 Resp: 104602
 Ion Ratio Lower Upper
 276 100
 138 23.2 20.1 30.1
 277 24.4 20.1 30.1

