

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039792.D
 Acq On : 02 May 2023 00:02
 Operator : CG/JU
 Sample : 02418-02DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y8DL

Quant Time: May 02 01:28:28 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)

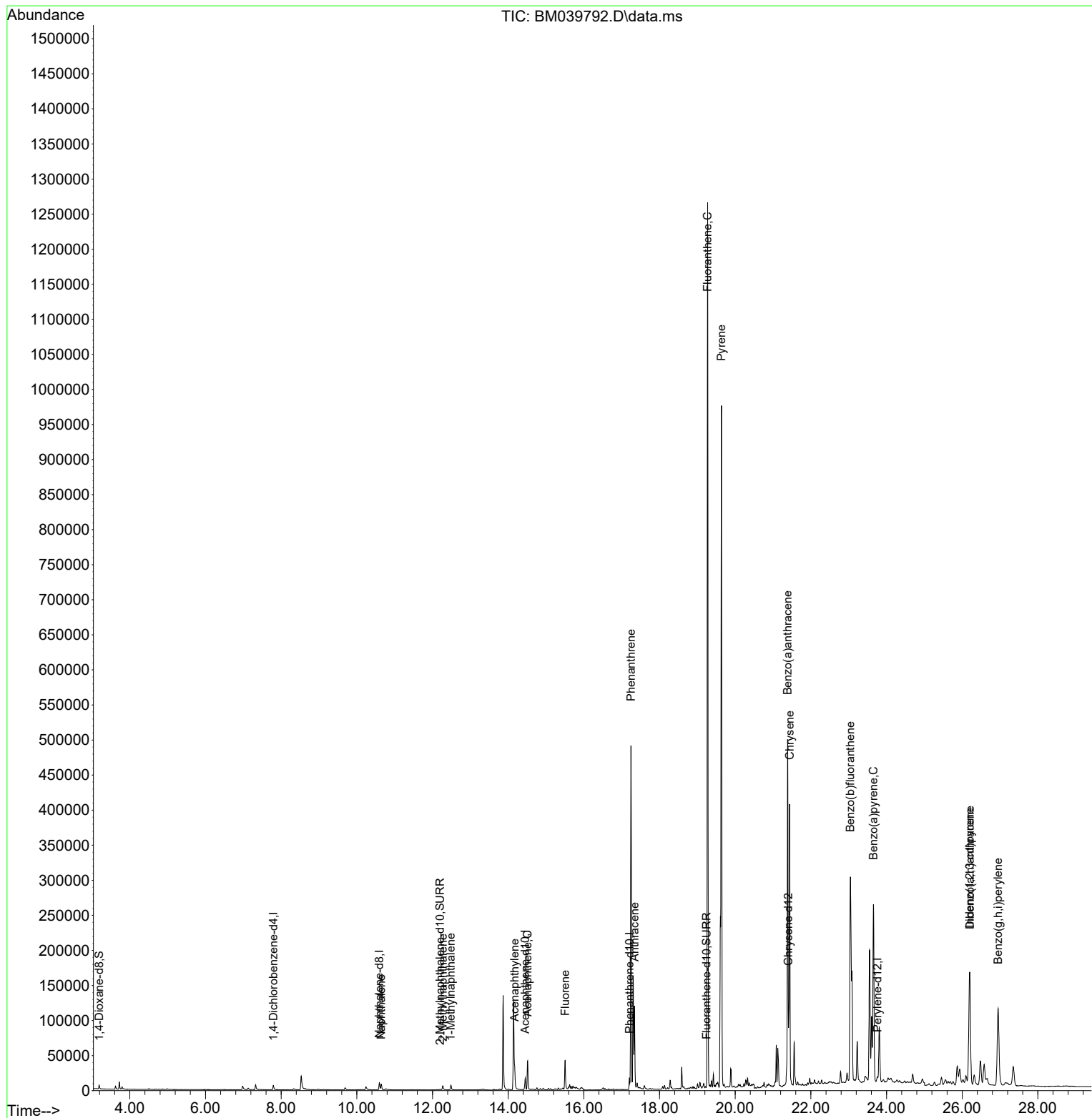
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	4050	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.594	136	15573	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.449	164	9078	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.203	188	18813	0.400	ng/ul	0.00
17) Chrysene-d12	21.403	240	8735	0.400	ng/ul	# 0.00
23) Perylene-d12	23.759	264	10531	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	3443	0.577	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	1206	0.060	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	2302	0.098	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.643	128	12306	0.315	ng/ul	99
7) 2-Methylnaphthalene	12.271	142	5445	0.241	ng/ul	97
8) 1-Methylnaphthalene	12.486	142	5253	0.217	ng/ul	99
10) Acenaphthylene	14.172	152	42101	1.198	ng/ul	100
11) Acenaphthene	14.514	153	24621	0.892	ng/ul	99
12) Fluorene	15.504	166	28523	0.931	ng/ul	98
15) Phenanthrene	17.245	178	516652	10.424	ng/ul	98
16) Anthracene	17.338	178	119320	2.804	ng/ul	97
19) Fluoranthene	19.270	202	1045906	33.562	ng/ul	99
20) Pyrene	19.637	202	848590	25.216	ng/ul	98
21) Benzo(a)anthracene	21.385	228	416876	16.599	ng/ul	99
22) Chrysene	21.438	228	387415	13.631	ng/ul	98
24) Benzo(b)fluoranthene	23.045	252	551277	14.906	ng/ul	93
26) Benzo(a)pyrene	23.653	252	368874	11.109	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.198	276	279582	6.659	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.201	278	68243	2.094	ng/ul	98
29) Benzo(g,h,i)perylene	26.949	276	244476	6.682	ng/ul	98

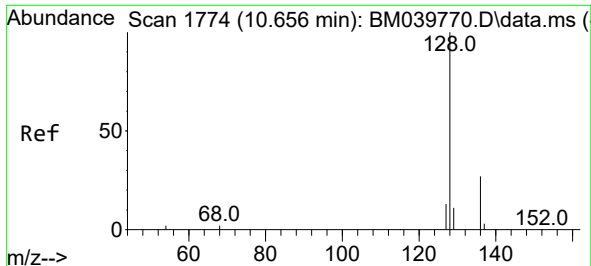
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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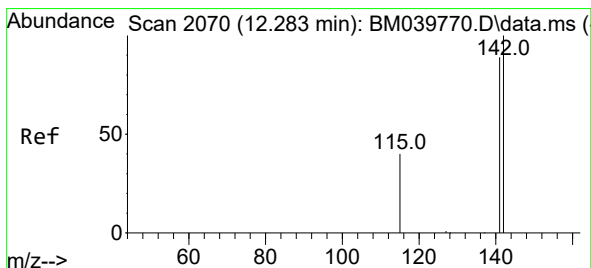
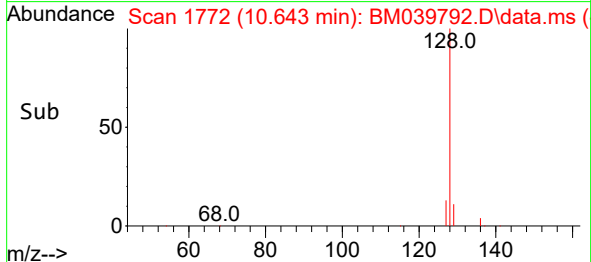
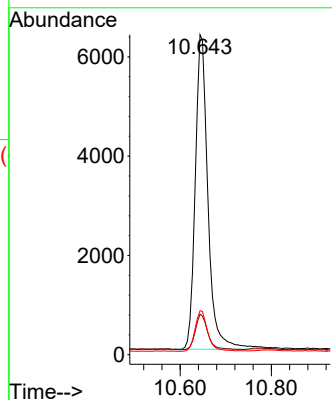
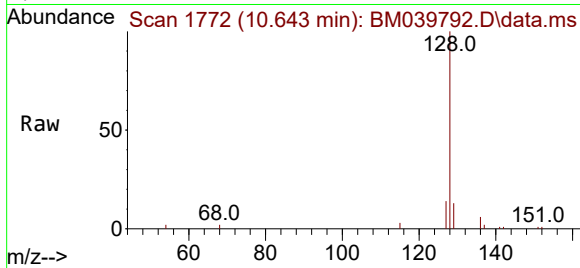




#5
Naphthalene
Concen: 0.315 ng/ul
RT: 10.643 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM039792.D
Acq: 02 May 2023 00:02

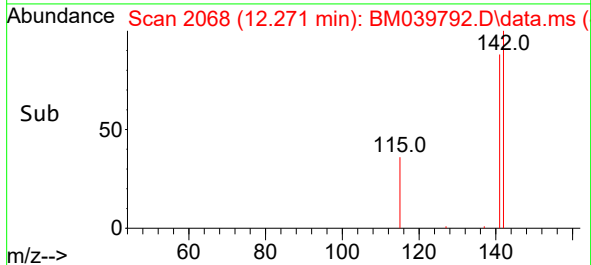
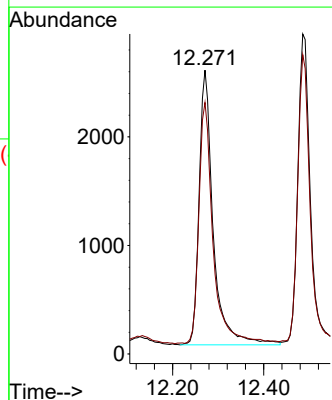
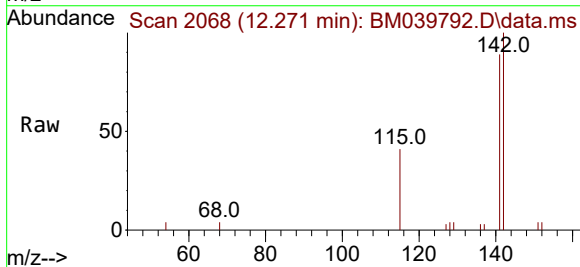
Instrument :
BNA_M
ClientSampleId :
EW8Y8DL

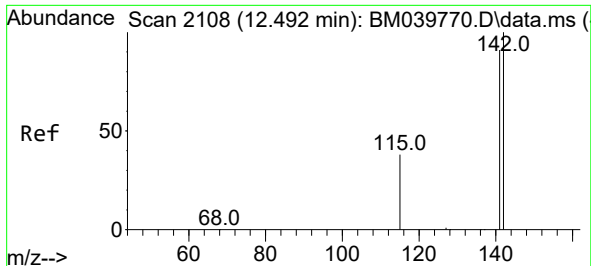
Tgt Ion:128 Resp: 12306
Ion Ratio Lower Upper
128 100
129 12.7 9.8 14.6
127 13.8 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.241 ng/ul
RT: 12.271 min Scan# 2068
Delta R.T. -0.007 min
Lab File: BM039792.D
Acq: 02 May 2023 00:02

Tgt Ion:142 Resp: 5445
Ion Ratio Lower Upper
142 100
141 88.8 73.2 109.8

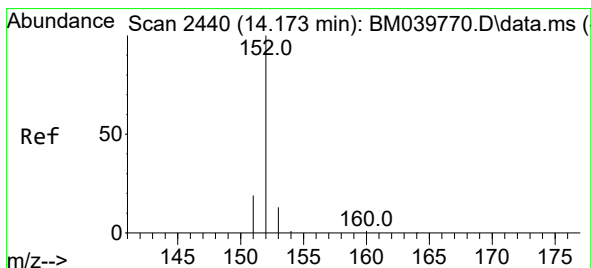
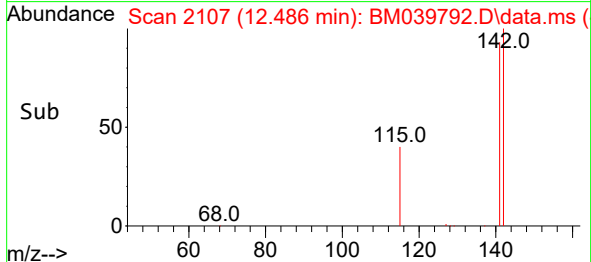
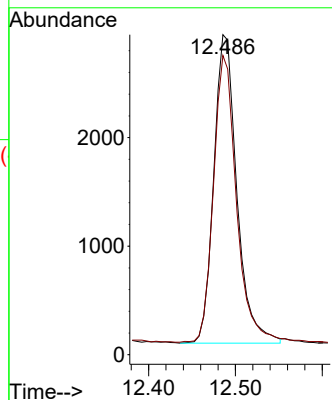
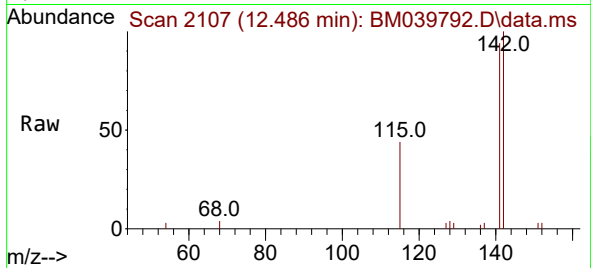




#8
1-Methylnaphthalene
Concen: 0.217 ng/ul
RT: 12.486 min Scan# 2108
Delta R.T. -0.007 min
Lab File: BM039792.D
Acq: 02 May 2023 00:02

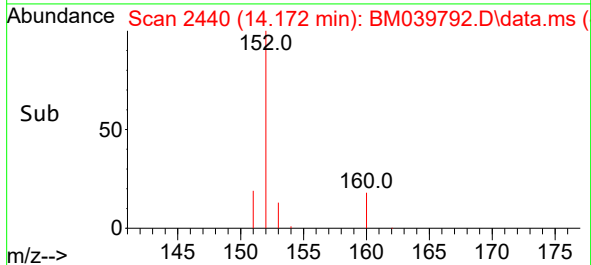
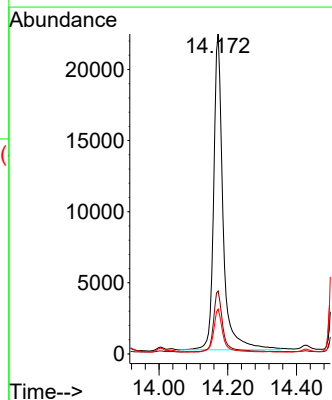
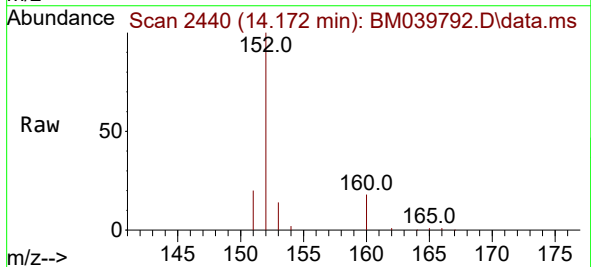
Instrument :
BNA_M
ClientSampleId :
EW8Y8DL

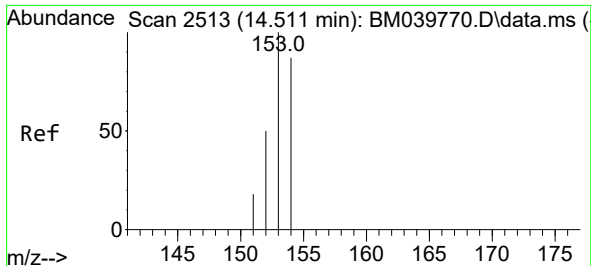
Tgt Ion:142 Resp: 5253
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.2



#10
Acenaphthylene
Concen: 1.198 ng/ul
RT: 14.172 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BM039792.D
Acq: 02 May 2023 00:02

Tgt Ion:152 Resp: 42101
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 14.0 11.2 16.8

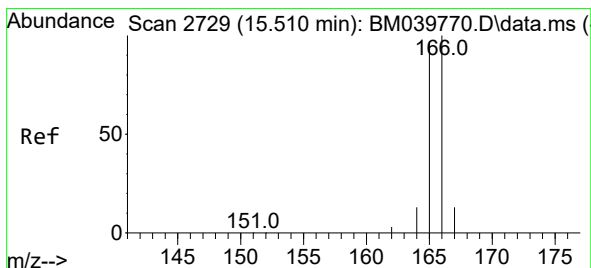
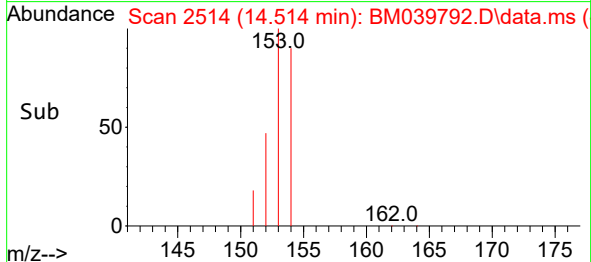
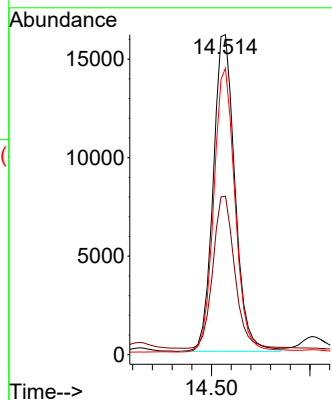
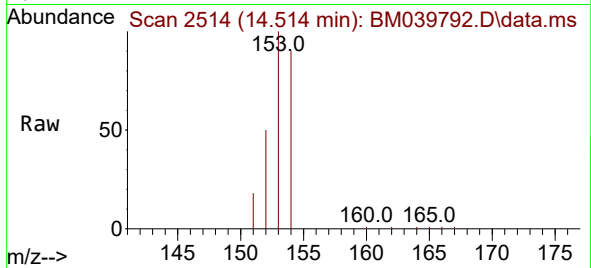




#11
Acenaphthene
Concen: 0.892 ng/ul
RT: 14.514 min Scan# 214
Delta R.T. 0.003 min
Lab File: BM039792.D
Acq: 02 May 2023 00:02

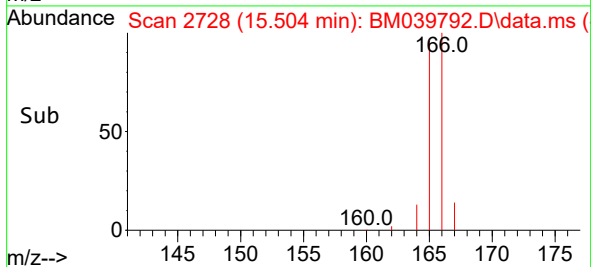
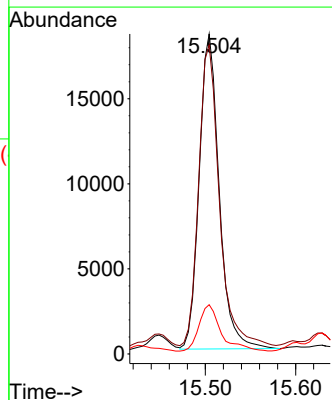
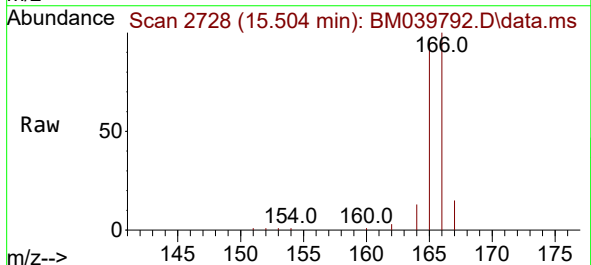
Instrument :
BNA_M
ClientSampleId :
EW8Y8DL

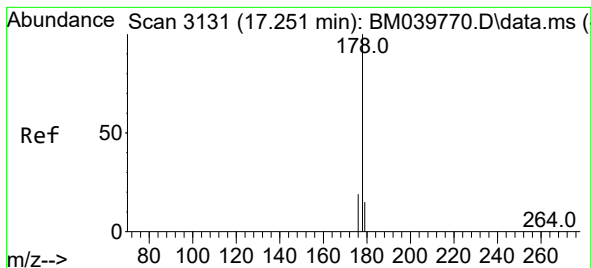
Tgt Ion:153 Resp: 24621
Ion Ratio Lower Upper
153 100
152 49.6 40.6 61.0
154 89.6 71.9 107.9



#12
Fluorene
Concen: 0.931 ng/ul
RT: 15.504 min Scan# 2728
Delta R.T. -0.006 min
Lab File: BM039792.D
Acq: 02 May 2023 00:02

Tgt Ion:166 Resp: 28523
Ion Ratio Lower Upper
166 100
165 96.6 79.0 118.6
167 15.4 11.8 17.6





#15

Phenanthrene

Concen: 10.424 ng/ul

RT: 17.245 min Scan# 31

Delta R.T. -0.001 min

Lab File: BM039792.D

Acq: 02 May 2023 00:02

Instrument :

BNA_M

ClientSampleId :

EW8Y8DL

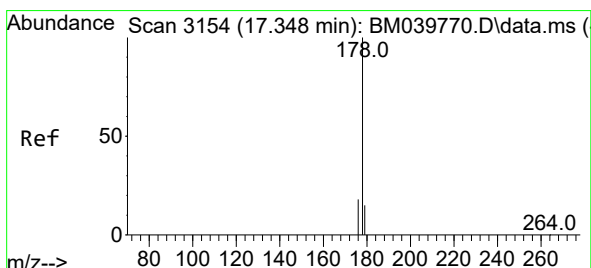
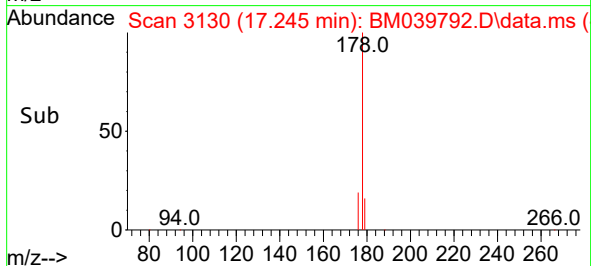
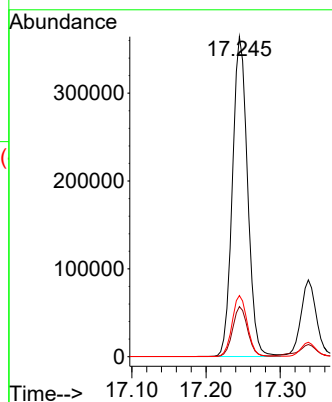
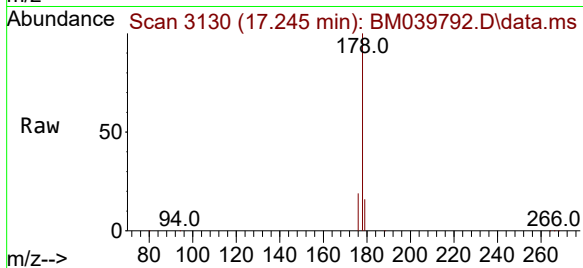
Tgt Ion:178 Resp: 516652

Ion Ratio Lower Upper

178 100

179 15.6 13.0 19.6

176 19.1 15.8 23.8



#16

Anthracene

Concen: 2.804 ng/ul

RT: 17.338 min Scan# 3152

Delta R.T. -0.005 min

Lab File: BM039792.D

Acq: 02 May 2023 00:02

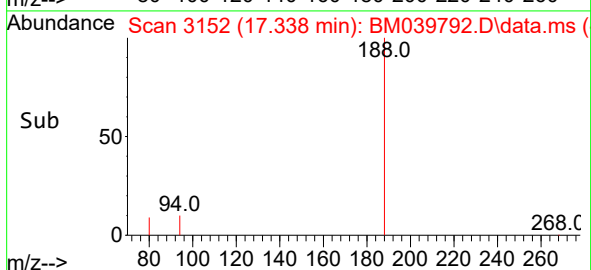
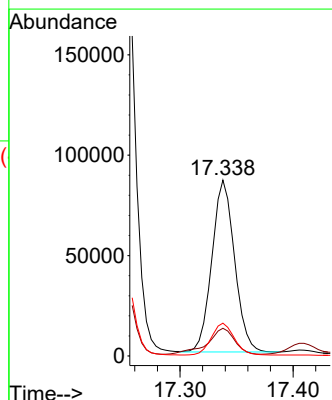
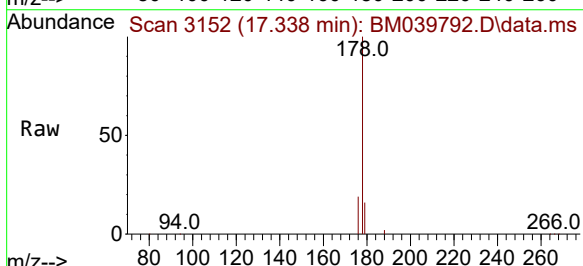
Tgt Ion:178 Resp: 119320

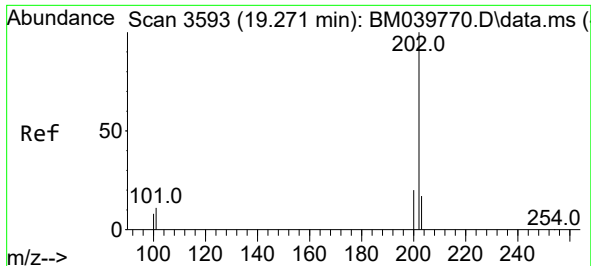
Ion Ratio Lower Upper

178 100

179 15.8 13.8 20.6

176 18.7 15.8 23.8

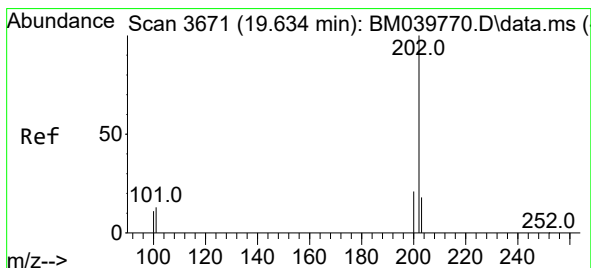
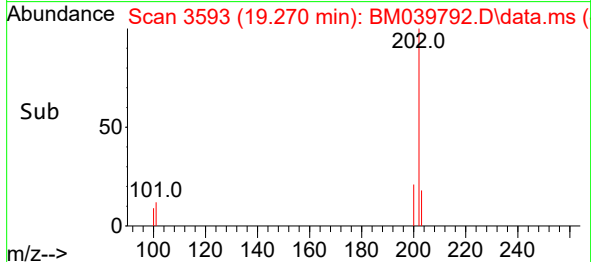
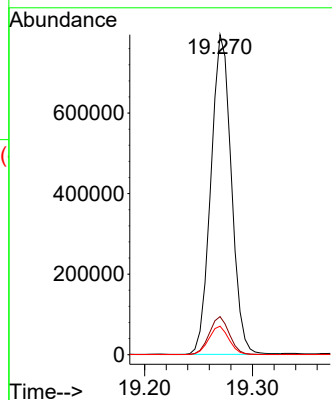
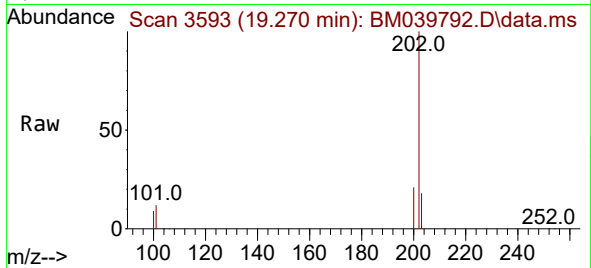




#19
Fluoranthene
Concen: 33.562 ng/ul
RT: 19.270 min Scan# 3593
Delta R.T. 0.004 min
Lab File: BM039792.D
Acq: 02 May 2023 00:02

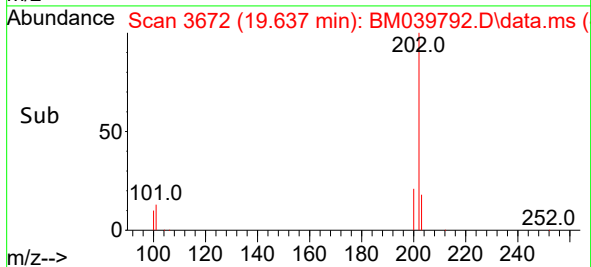
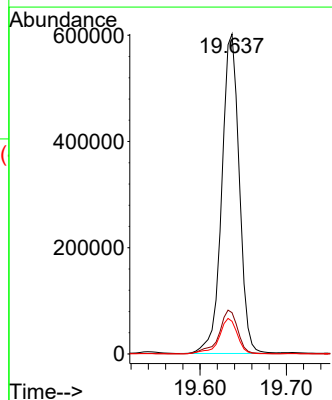
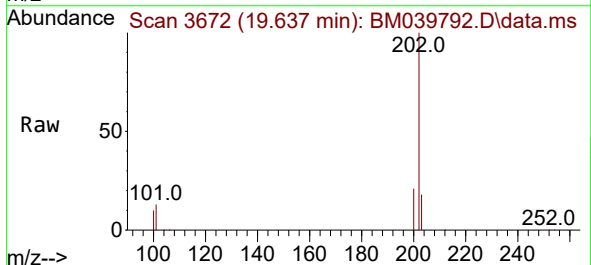
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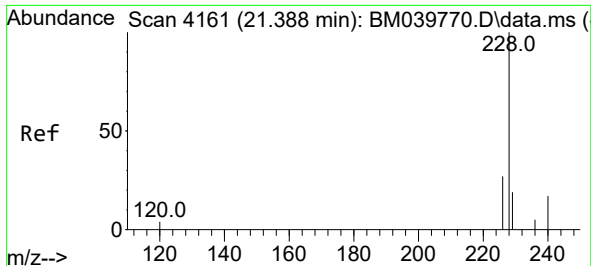
Tgt Ion:202 Resp: 1045906
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.8
100 8.9 7.3 10.9



#20
Pyrene
Concen: 25.216 ng/ul
RT: 19.637 min Scan# 3672
Delta R.T. 0.004 min
Lab File: BM039792.D
Acq: 02 May 2023 00:02

Tgt Ion:202 Resp: 848590
Ion Ratio Lower Upper
202 100
101 12.9 10.9 16.3
100 10.2 8.9 13.3

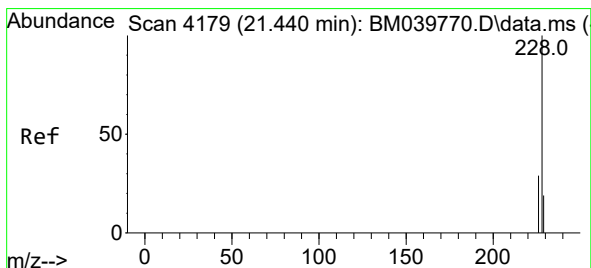
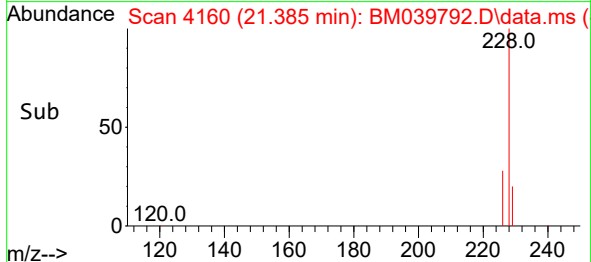
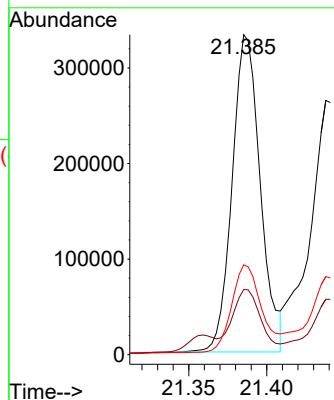
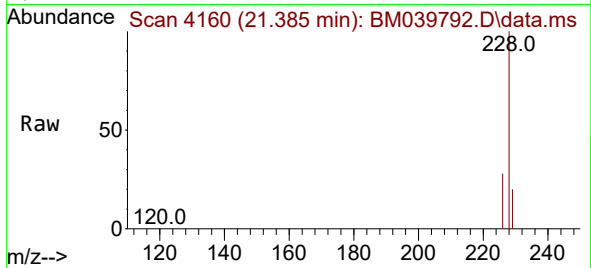




#21
Benzo(a)anthracene
Concen: 16.599 ng/ul
RT: 21.385 min Scan# 4161
Delta R.T. 0.002 min
Lab File: BM039792.D
Acq: 02 May 2023 00:02

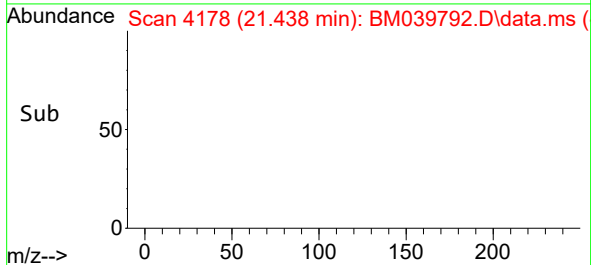
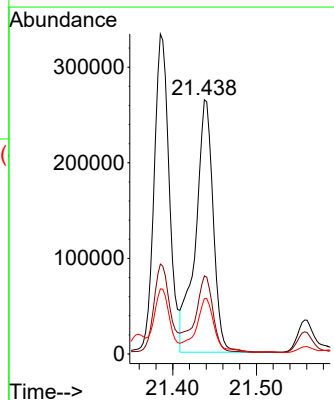
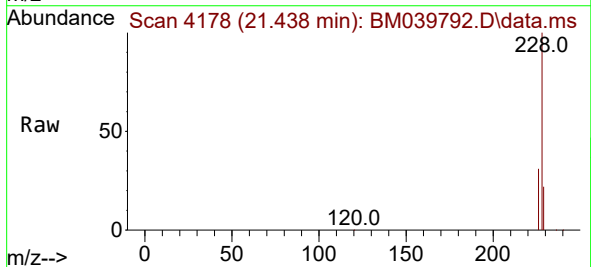
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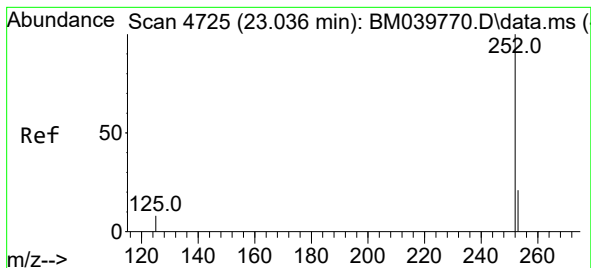
Tgt Ion:228 Resp: 416876
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 28.1 21.6 32.4



#22
Chrysene
Concen: 13.631 ng/ul
RT: 21.438 min Scan# 4178
Delta R.T. 0.002 min
Lab File: BM039792.D
Acq: 02 May 2023 00:02

Tgt Ion:228 Resp: 387415
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 21.8 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 14.906 ng/ul

RT: 23.045 min Scan# 4728

Delta R.T. 0.014 min

Lab File: BM039792.D

Acq: 02 May 2023 00:02

Instrument :

BNA_M

ClientSampleId :

EW8Y8DL

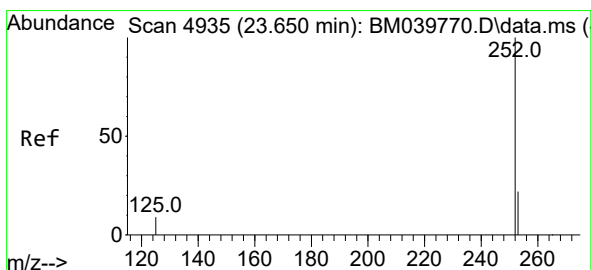
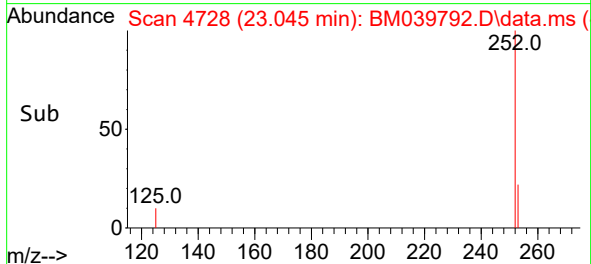
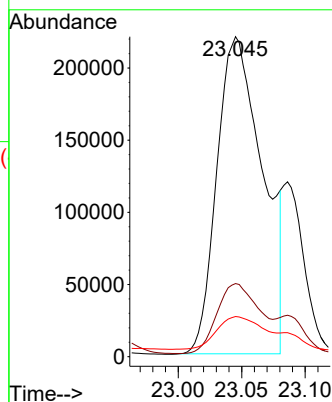
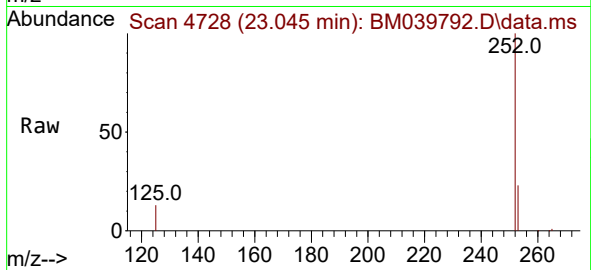
Tgt Ion:252 Resp: 551277

Ion Ratio Lower Upper

252 100

253 22.9 0.0 52.8

125 12.5 0.0 31.6



#26

Benzo(a)pyrene

Concen: 11.109 ng/ul

RT: 23.653 min Scan# 4936

Delta R.T. 0.011 min

Lab File: BM039792.D

Acq: 02 May 2023 00:02

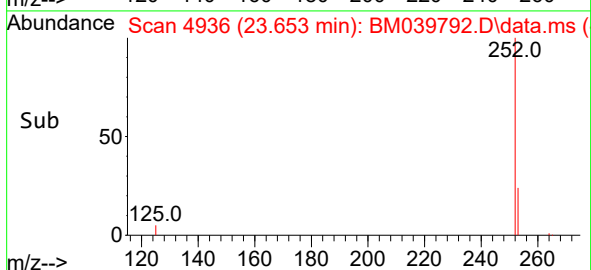
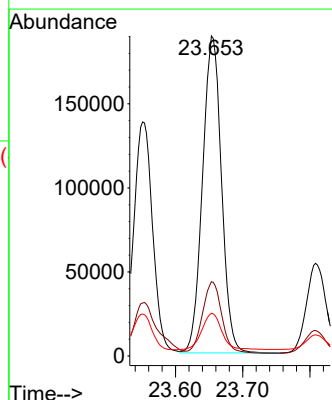
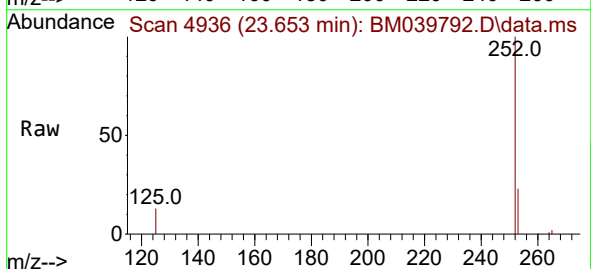
Tgt Ion:252 Resp: 368874

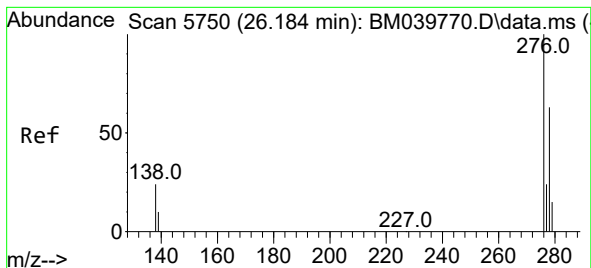
Ion Ratio Lower Upper

252 100

253 23.2 24.7 37.1#

125 13.3 16.5 24.7#





#27

Indeno(1,2,3-cd)pyrene

Concen: 6.659 ng/ul

RT: 26.198 min Scan# 51

Delta R.T. 0.019 min

Lab File: BM039792.D

Acq: 02 May 2023 00:02

Instrument :

BNA_M

ClientSampleId :

EW8Y8DL

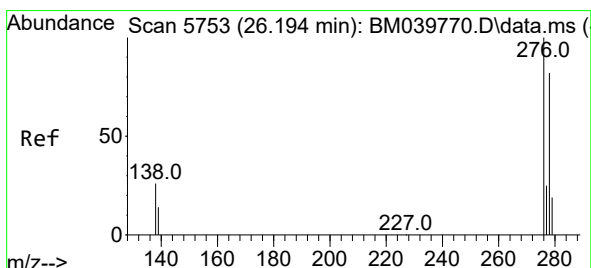
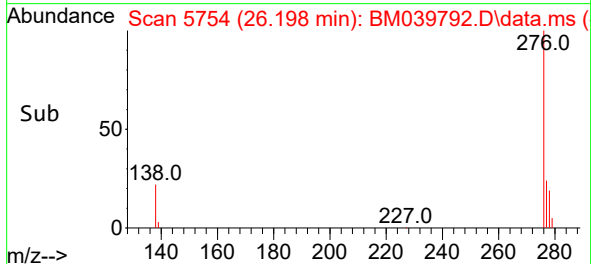
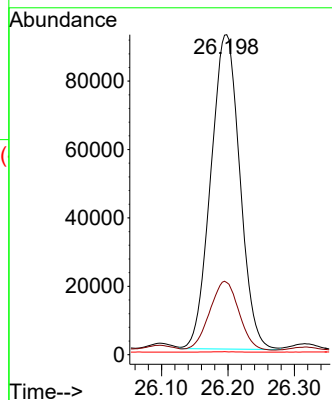
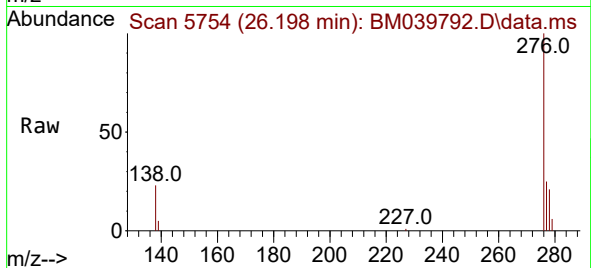
Tgt Ion:276 Resp: 279582

Ion Ratio Lower Upper

276 100

138 22.0 21.1 31.7

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 2.094 ng/ul

RT: 26.201 min Scan# 5755

Delta R.T. 0.012 min

Lab File: BM039792.D

Acq: 02 May 2023 00:02

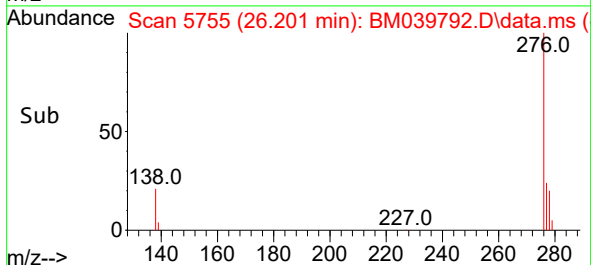
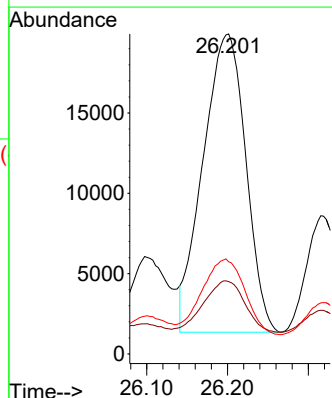
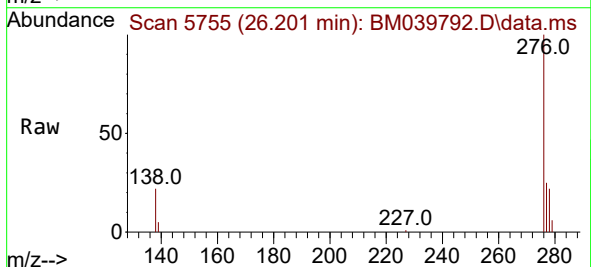
Tgt Ion:278 Resp: 68243

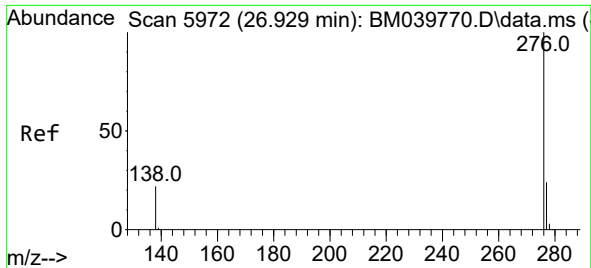
Ion Ratio Lower Upper

278 100

139 22.6 17.0 25.6

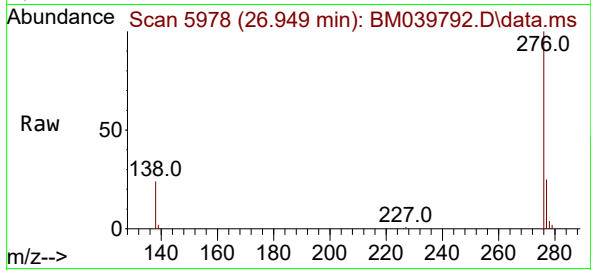
279 28.8 23.4 35.2





#29
Benzo(g,h,i)perylene
Concen: 6.682 ng/ul
RT: 26.949 min Scan# 5978
Delta R.T. 0.029 min
Lab File: BM039792.D
Acq: 02 May 2023 00:02

Instrument :
BNA_M
ClientSampleId :
EW8Y8DL



Tgt Ion:276 Resp: 244476
Ion Ratio Lower Upper
276 100
138 23.5 20.1 30.1
277 24.5 20.1 30.1

