

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
 Data File : BM039787.D
 Acq On : 01 May 2023 21:02
 Operator : CG/JU
 Sample : 02417-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8Y3

Quant Time: May 02 01:27:32 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)

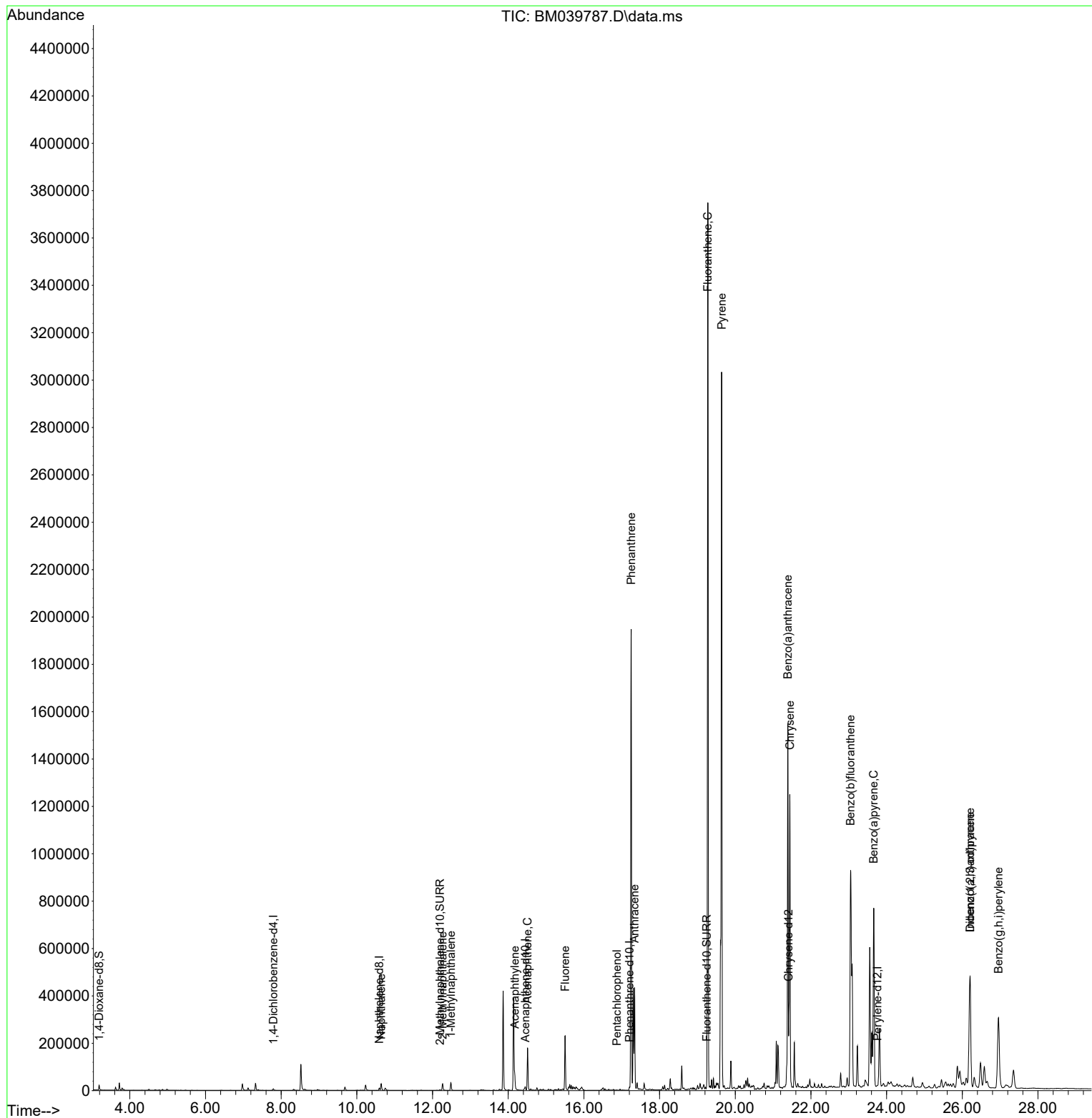
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	3804	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.594	136	14007	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.449	164	8081	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.203	188	16058	0.400	ng/ul	0.00
17) Chrysene-d12	21.406	240	6481	0.400	ng/ul	# 0.00
23) Perylene-d12	23.758	264	9487	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	12768	2.277	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	3901	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.242	212	5656	0.324	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.643	128	39374	1.119	ng/ul	98
7) 2-Methylnaphthalene	12.265	142	22187	1.093	ng/ul	96
8) 1-Methylnaphthalene	12.485	142	23788	1.092	ng/ul	99
10) Acenaphthylene	14.172	152	91379	2.922	ng/ul	99
11) Acenaphthene	14.509	153	104843	4.267	ng/ul	98
12) Fluorene	15.504	166	148665	5.454	ng/ul	98
14) Pentachlorophenol	16.873	266	113	0.032	ng/ul#	84
15) Phenanthrene	17.249	178	2179386	51.515	ng/ul	99
16) Anthracene	17.338	178	437365	12.040	ng/ul	97
19) Fluoranthene	19.274	202	3326467	143.868	ng/ul	98
20) Pyrene	19.642	202	2664180	106.699	ng/ul	100
21) Benzo(a)anthracene	21.388	228	1320324	70.856	ng/ul	98
22) Chrysene	21.441	228	1221231	57.913	ng/ul	98
24) Benzo(b)fluoranthene	23.048	252	1698989	50.994	ng/ul	92
26) Benzo(a)pyrene	23.659	252	1091968	36.504	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.205	276	819224	21.658	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.205	278	212422	7.236	ng/ul	97
29) Benzo(g,h,i)perylene	26.956	276	665988	20.207	ng/ul	97

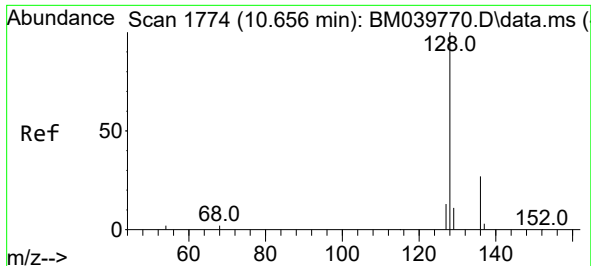
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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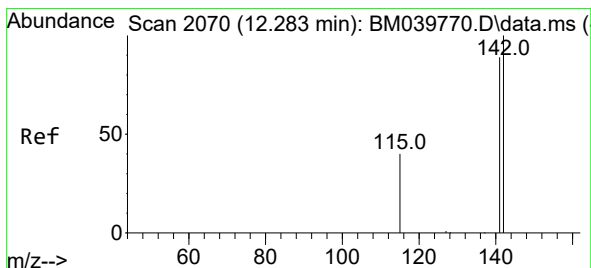
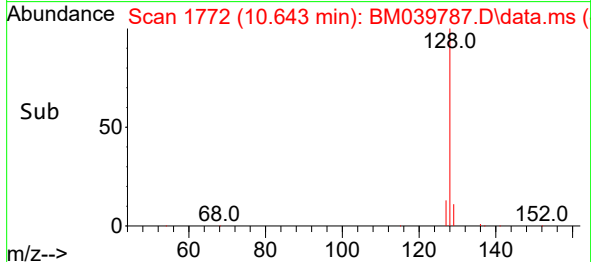
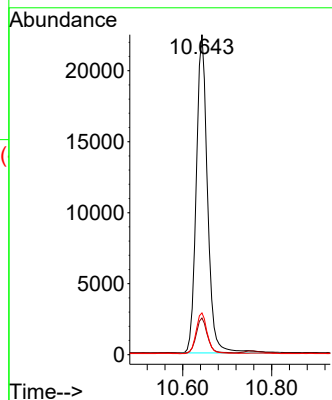
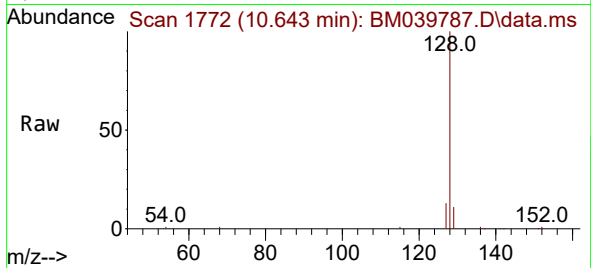




#5
Naphthalene
Concen: 1.119 ng/ul
RT: 10.643 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM039787.D
Acq: 01 May 2023 21:02

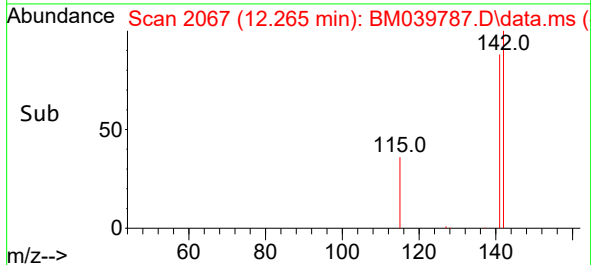
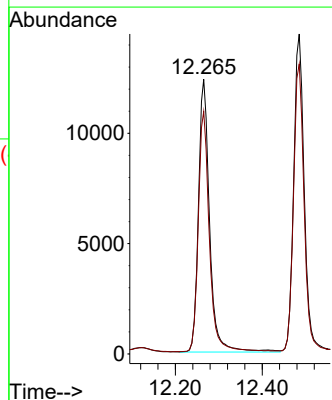
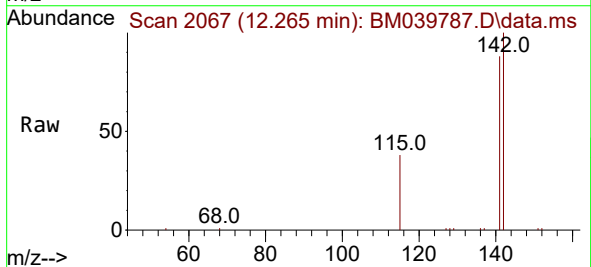
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BNA_M
ClientSampleId :
EW8Y3

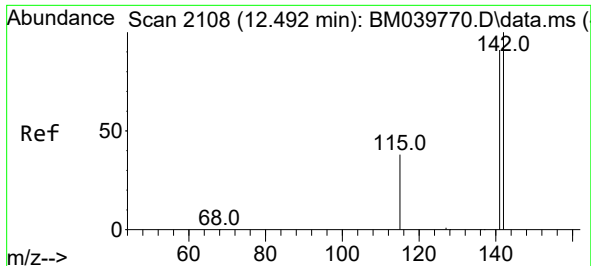
Tgt Ion:128 Resp: 39374
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.6
127 13.1 11.1 16.7



#7
2-Methylnaphthalene
Concen: 1.093 ng/ul
RT: 12.265 min Scan# 2067
Delta R.T. -0.012 min
Lab File: BM039787.D
Acq: 01 May 2023 21:02

Tgt Ion:142 Resp: 22187
Ion Ratio Lower Upper
142 100
141 87.8 73.2 109.8

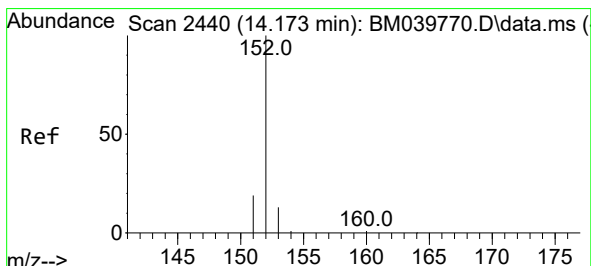
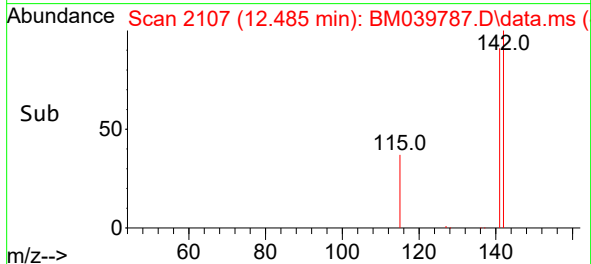
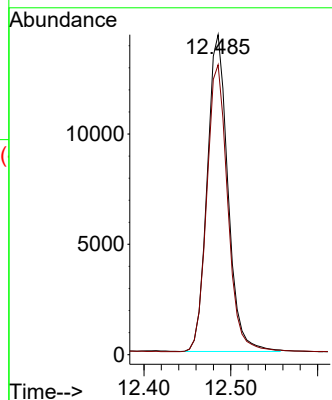
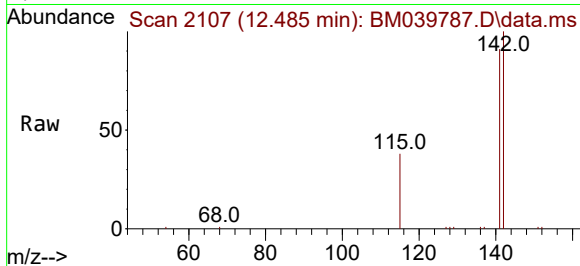




#8
1-Methylnaphthalene
Concen: 1.092 ng/ul
RT: 12.485 min Scan# 2108
Delta R.T. -0.007 min
Lab File: BM039787.D
Acq: 01 May 2023 21:02

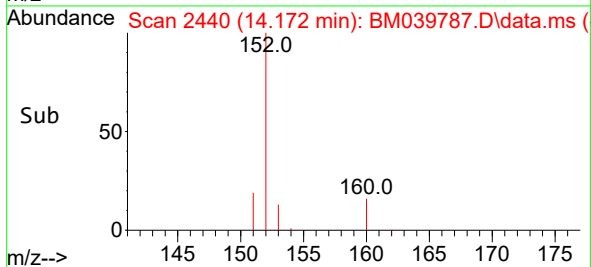
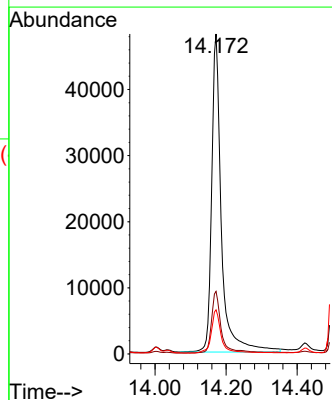
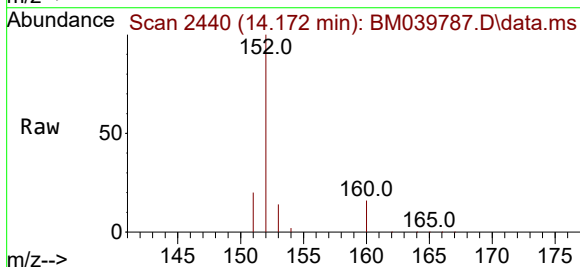
Instrument :
BNA_M
ClientSampleId :
EW8Y3

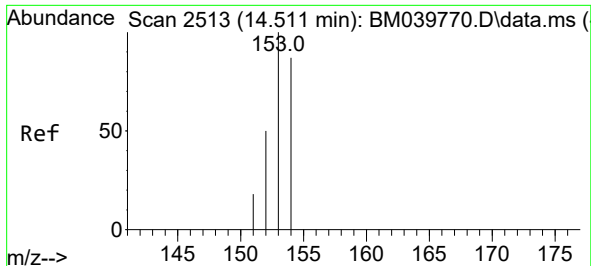
Tgt Ion:142 Resp: 23788
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.2



#10
Acenaphthylene
Concen: 2.922 ng/ul
RT: 14.172 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BM039787.D
Acq: 01 May 2023 21:02

Tgt Ion:152 Resp: 91379
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.8 11.2 16.8

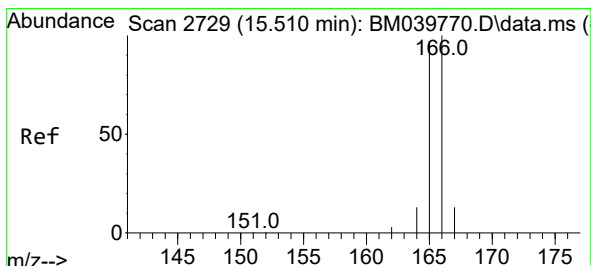
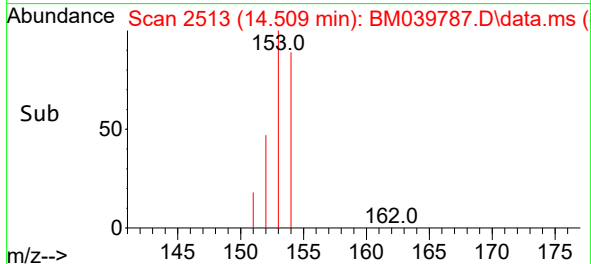
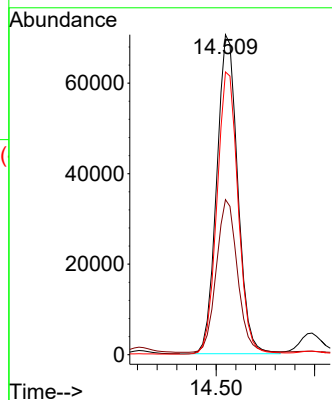
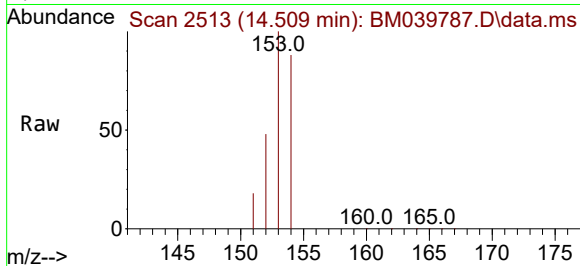




#11
Acenaphthene
Concen: 4.267 ng/ul
RT: 14.509 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM039787.D
Acq: 01 May 2023 21:02

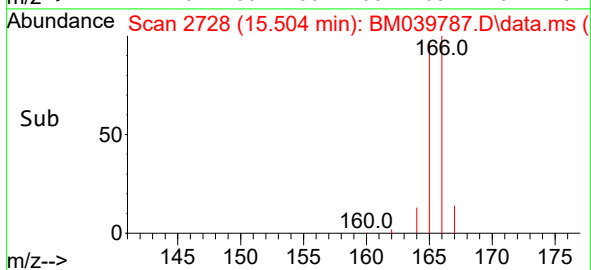
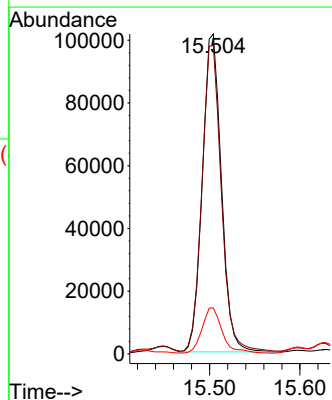
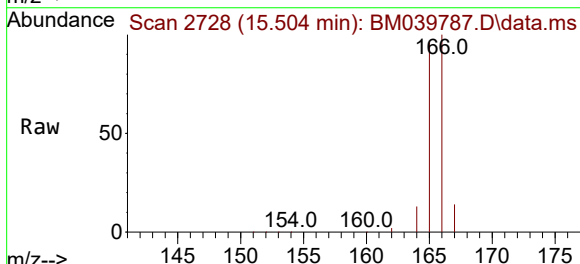
Instrument :
BNA_M
ClientSampleId :
EW8Y3

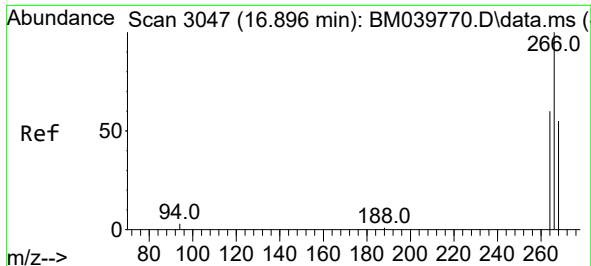
Tgt Ion:153 Resp: 104843
Ion Ratio Lower Upper
153 100
152 48.5 40.6 61.0
154 88.3 71.9 107.9



#12
Fluorene
Concen: 5.454 ng/ul
RT: 15.504 min Scan# 2728
Delta R.T. -0.006 min
Lab File: BM039787.D
Acq: 01 May 2023 21:02

Tgt Ion:166 Resp: 148665
Ion Ratio Lower Upper
166 100
165 96.4 79.0 118.6
167 14.4 11.8 17.6

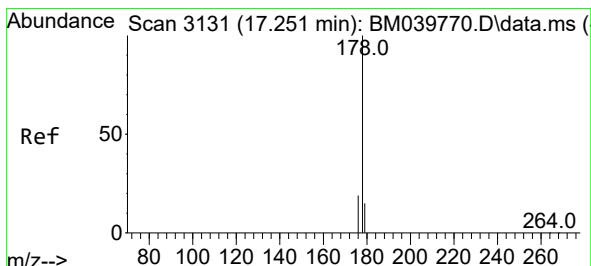
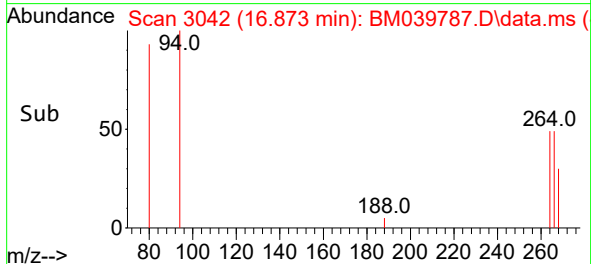
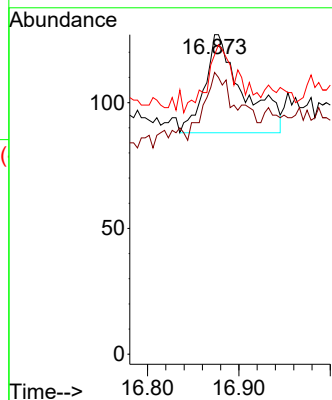
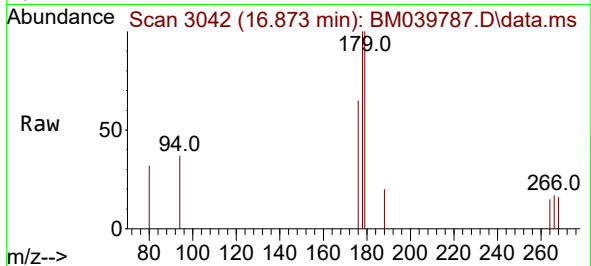




#14
Pentachlorophenol
Concen: 0.032 ng/ul
RT: 16.873 min Scan# 3042
Delta R.T. -0.014 min
Lab File: BM039787.D
Acq: 01 May 2023 21:02

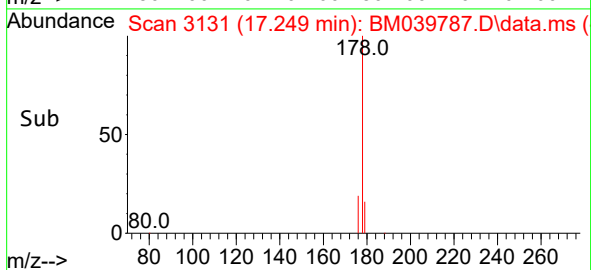
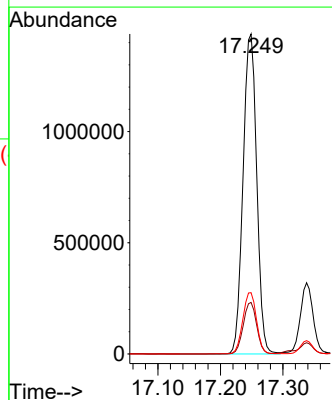
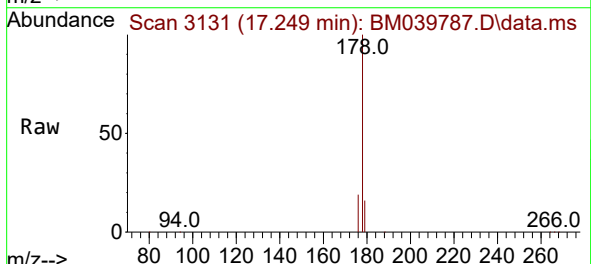
Instrument :
BNA_M
ClientSampleId :
EW8Y3

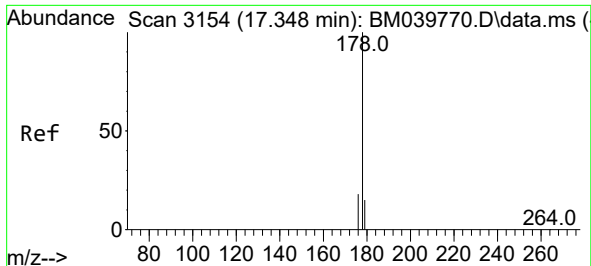
Tgt Ion:266 Resp: 113
Ion Ratio Lower Upper
266 100
264 61.9 48.8 73.2
268 38.9 50.4 75.6#



#15
Phenanthrene
Concen: 51.515 ng/ul
RT: 17.249 min Scan# 3131
Delta R.T. 0.003 min
Lab File: BM039787.D
Acq: 01 May 2023 21:02

Tgt Ion:178 Resp: 2179386
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 19.2 15.8 23.8

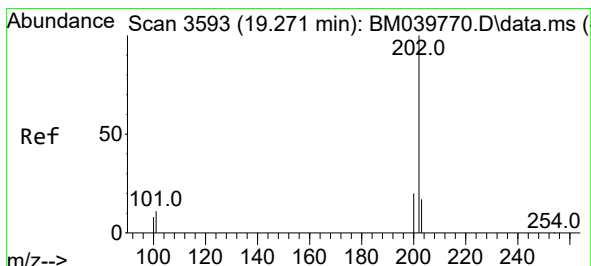
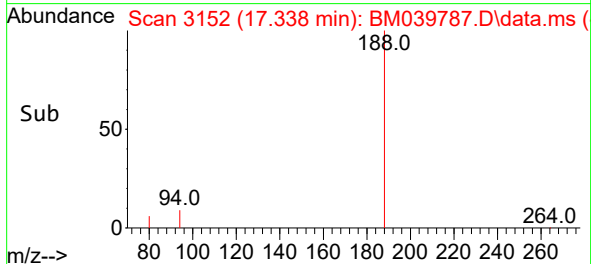
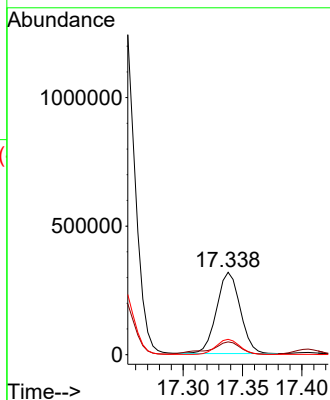
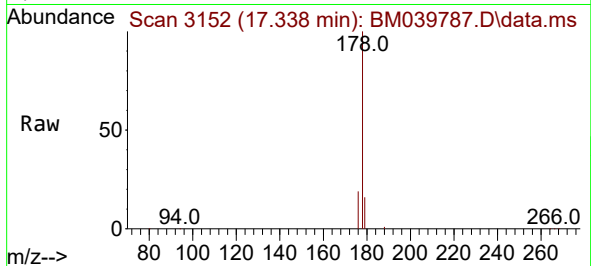




#16
 Anthracene
 Concen: 12.040 ng/ul
 RT: 17.338 min Scan# 3154
 Delta R.T. -0.005 min
 Lab File: BM039787.D
 Acq: 01 May 2023 21:02

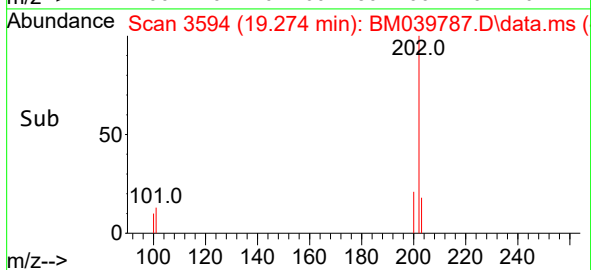
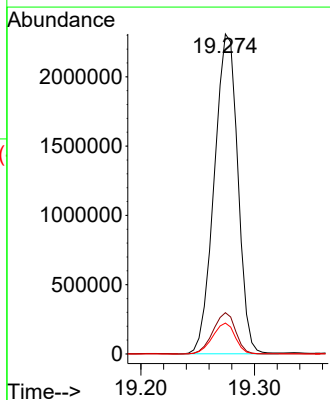
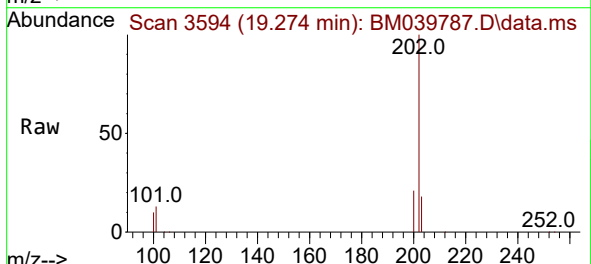
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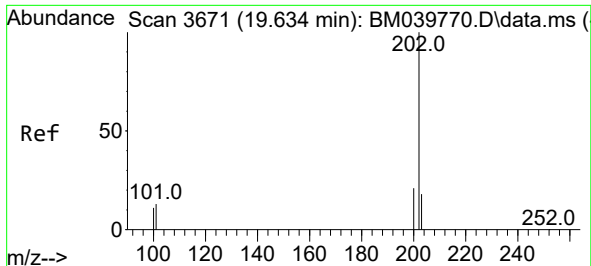
Tgt Ion:178 Resp: 437365
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.8 20.6
 176 18.7 15.8 23.8



#19
 Fluoranthene
 Concen: 143.868 ng/ul
 RT: 19.274 min Scan# 3594
 Delta R.T. 0.008 min
 Lab File: BM039787.D
 Acq: 01 May 2023 21:02

Tgt Ion:202 Resp: 3326467
 Ion Ratio Lower Upper
 202 100
 101 12.9 9.8 14.8
 100 9.7 7.3 10.9

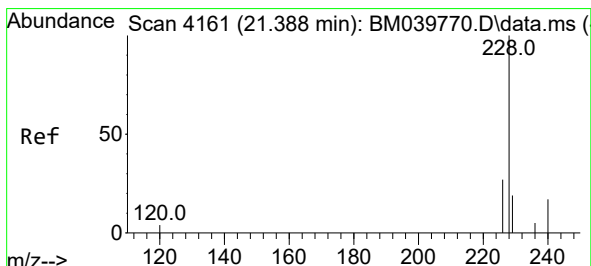
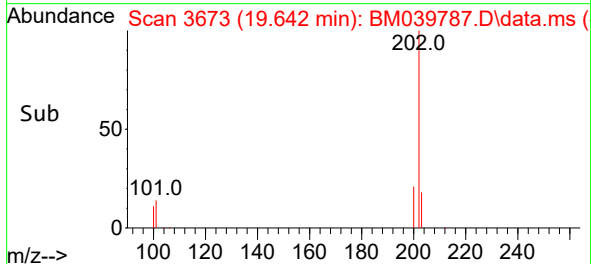
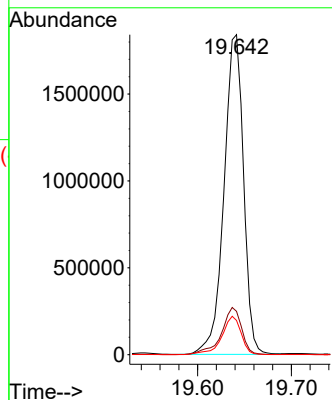
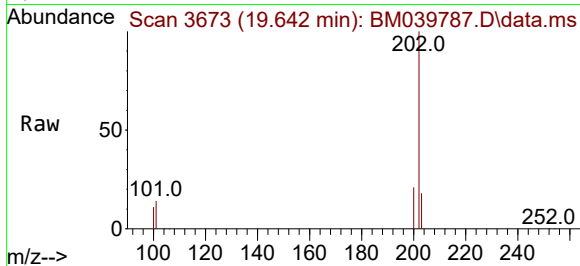




#20
Pyrene
Concen: 106.699 ng/ul
RT: 19.642 min Scan# 3673
Delta R.T. 0.008 min
Lab File: BM039787.D
Acq: 01 May 2023 21:02

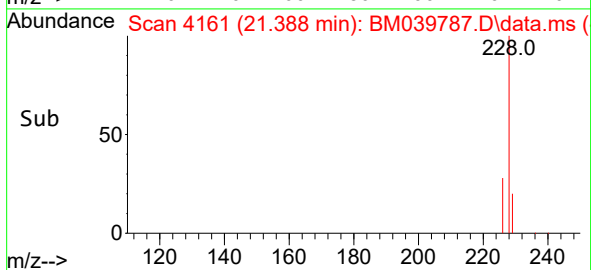
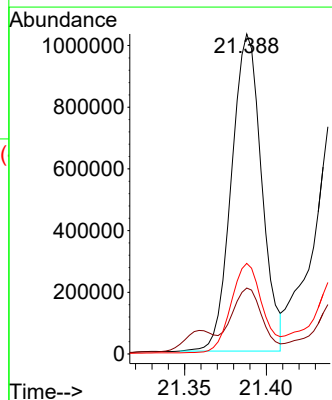
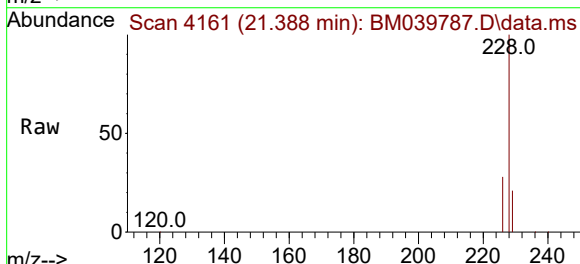
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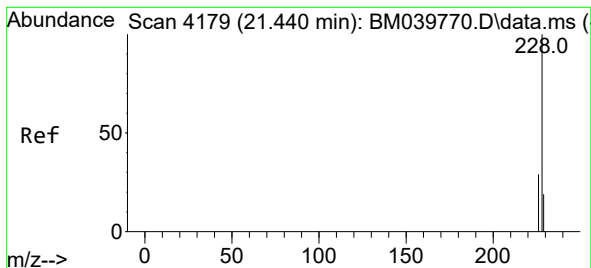
Tgt Ion:202 Resp: 2664180
Ion Ratio Lower Upper
202 100
101 13.6 10.9 16.3
100 10.7 8.9 13.3



#21
Benzo(a)anthracene
Concen: 70.856 ng/ul
RT: 21.388 min Scan# 4161
Delta R.T. 0.005 min
Lab File: BM039787.D
Acq: 01 May 2023 21:02

Tgt Ion:228 Resp: 1320324
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 28.3 21.6 32.4





#22

Chrysene

Concen: 57.913 ng/ul

RT: 21.441 min Scan# 4179

Delta R.T. 0.005 min

Lab File: BM039787.D

Acq: 01 May 2023 21:02

Instrument :

BNA_M

ClientSampleId :

EW8Y3

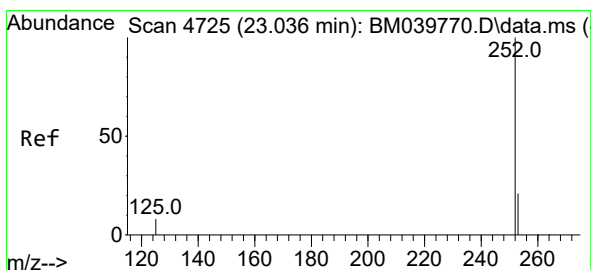
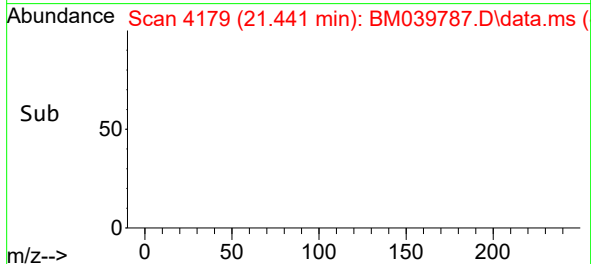
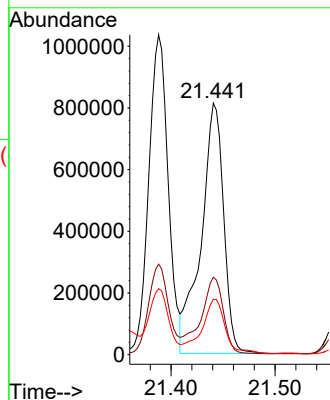
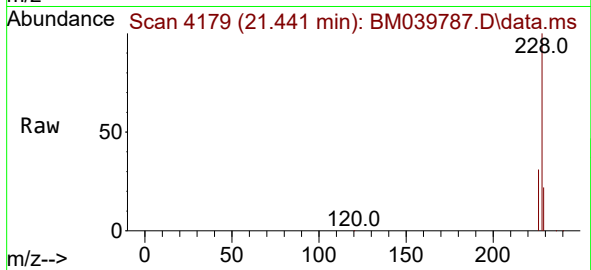
Tgt Ion:228 Resp: 1221231

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 22.0 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 50.994 ng/ul

RT: 23.048 min Scan# 4729

Delta R.T. 0.016 min

Lab File: BM039787.D

Acq: 01 May 2023 21:02

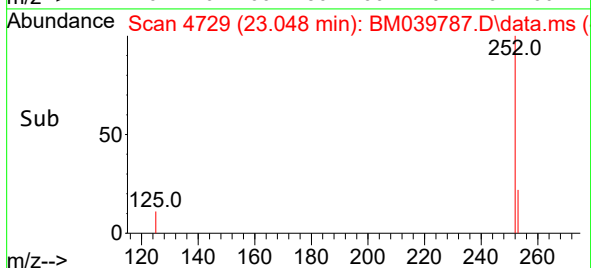
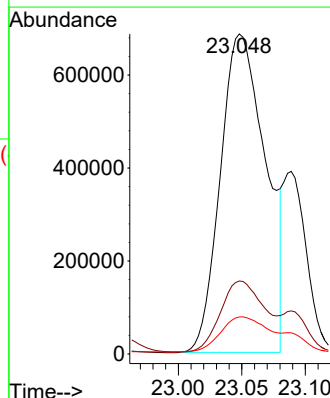
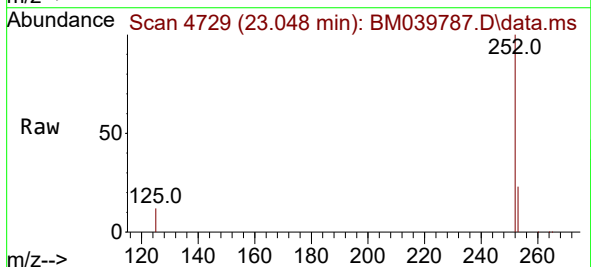
Tgt Ion:252 Resp: 1698989

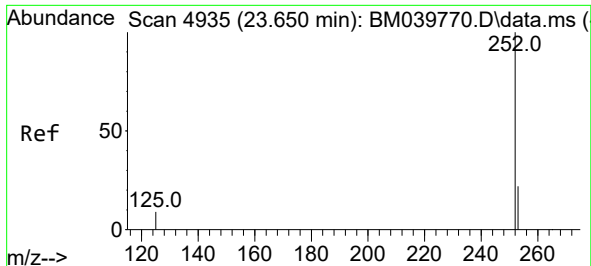
Ion Ratio Lower Upper

252 100

253 22.8 0.0 52.8

125 11.6 0.0 31.6

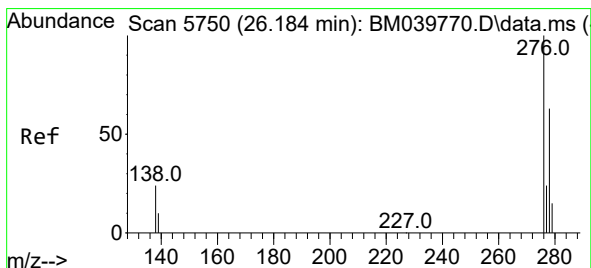
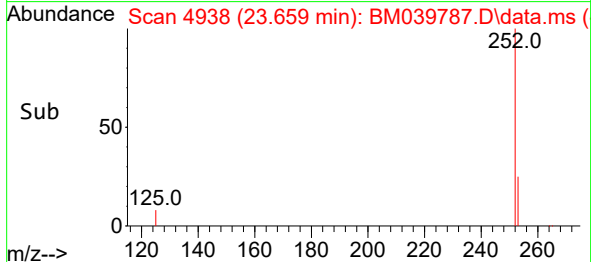
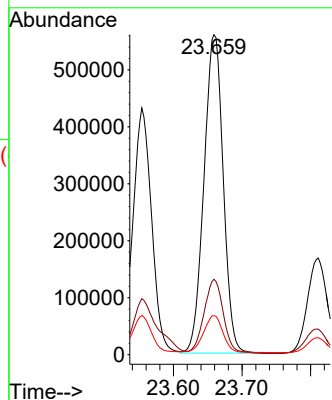
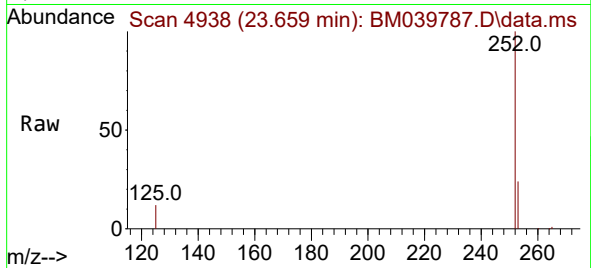




#26
Benzo(a)pyrene
Concen: 36.504 ng/ul
RT: 23.659 min Scan# 4938
Delta R.T. 0.016 min
Lab File: BM039787.D
Acq: 01 May 2023 21:02

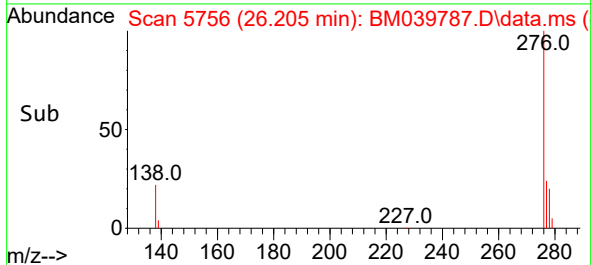
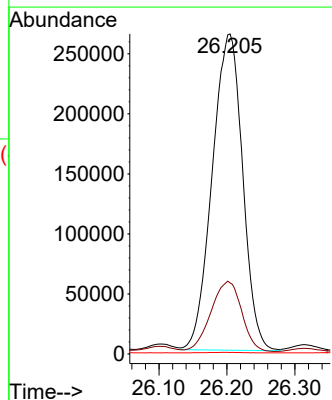
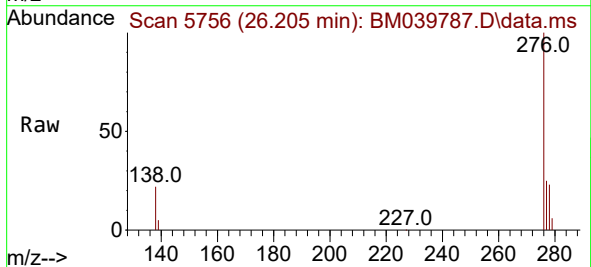
Instrument :
BNA_M
ClientSampleId :
EW8Y3

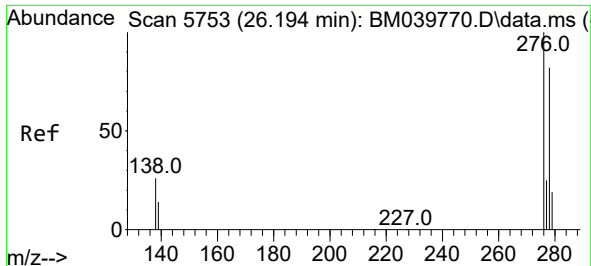
Tgt Ion:252 Resp: 1091968
Ion Ratio Lower Upper
252 100
253 23.5 24.7 37.1#
125 12.2 16.5 24.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 21.658 ng/ul
RT: 26.205 min Scan# 5756
Delta R.T. 0.026 min
Lab File: BM039787.D
Acq: 01 May 2023 21:02

Tgt Ion:276 Resp: 819224
Ion Ratio Lower Upper
276 100
138 22.4 21.1 31.7
227 0.2 0.1 0.1#

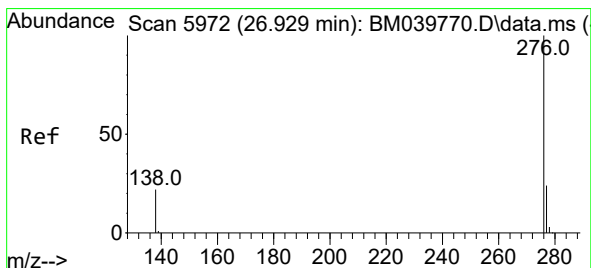
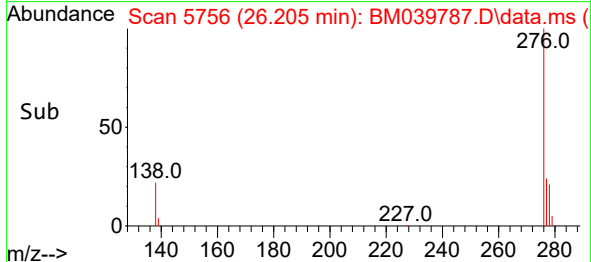
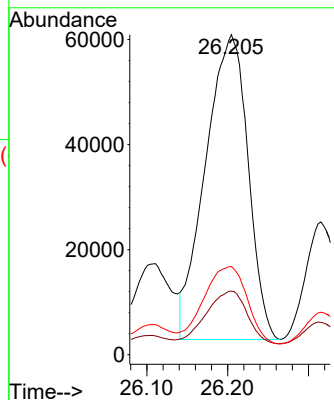
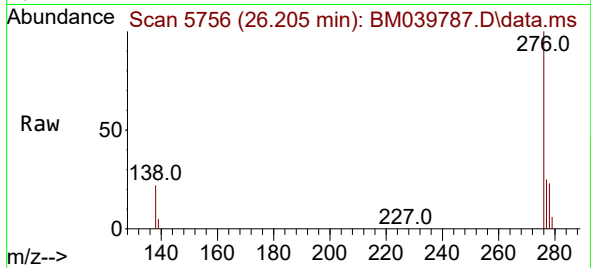




#28
Dibenzo(a,h)anthracene
Concen: 7.236 ng/ul
RT: 26.205 min Scan# 51
Delta R.T. 0.016 min
Lab File: BM039787.D
Acq: 01 May 2023 21:02

Instrument :
BNA_M
ClientSampleId :
EW8Y3

Tgt Ion:278 Resp: 212422
Ion Ratio Lower Upper
278 100
139 19.8 17.0 25.6
279 27.5 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 20.207 ng/ul
RT: 26.956 min Scan# 5980
Delta R.T. 0.036 min
Lab File: BM039787.D
Acq: 01 May 2023 21:02

Tgt Ion:276 Resp: 665988
Ion Ratio Lower Upper
276 100
138 23.1 20.1 30.1
277 24.5 20.1 30.1

