

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039806.D
 Acq On : 02 May 2023 17:30
 Operator : CG/JU
 Sample : 02419-26
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW923

Quant Time: May 03 04:16:36 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

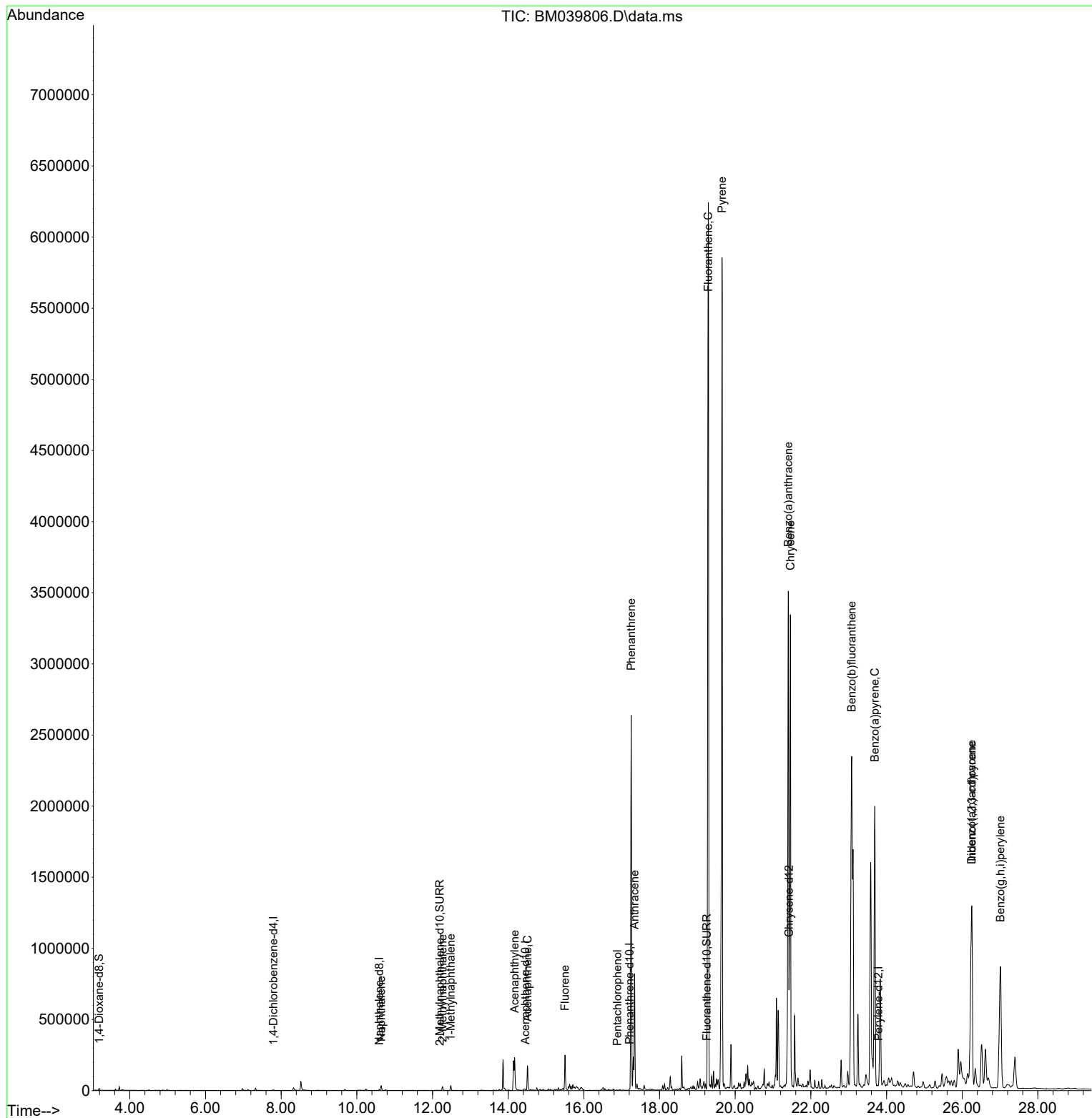
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.792	152	2806	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.595	136	8836	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	4895	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	9439	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.420	240	5932	0.400	ng/ul	# 0.02
23) Perylene-d12	23.782	264	14927	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	8283	2.003	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2015	0.178	ng/ul	-0.01
18) Fluoranthene-d10	19.248	212	3641	0.228	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.645	128	49165	2.216	ng/ul	98
7) 2-Methylnaphthalene	12.267	142	21515	1.680	ng/ul	98
8) 1-Methylnaphthalene	12.481	142	25073	1.825	ng/ul	100
10) Acenaphthylene	14.169	152	300347	15.853	ng/ul	99
11) Acenaphthene	14.511	153	101207	6.801	ng/ul	98
12) Fluorene	15.501	166	157773	9.556	ng/ul	99
14) Pentachlorophenol	16.883	266	140	0.068	ng/ul#	40
15) Phenanthrene	17.251	178	2883261	115.945	ng/ul	100
16) Anthracene	17.339	178	834109	39.063	ng/ul	97
19) Fluoranthene	19.290	202	6696954	316.446	ng/ul	95
20) Pyrene	19.652	202	5851223	256.027	ng/ul#	92
21) Benzo(a)anthracene	21.402	228	3576587	209.704	ng/ul	95
22) Chrysene	21.458	228	3539988	183.408	ng/ul	94
24) Benzo(b)fluoranthene	23.080	252	4822335	91.990	ng/ul	94
26) Benzo(a)pyrene	23.688	252	3183496	67.638	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.255	276	2337918	39.283	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.248	278	670084	14.506	ng/ul	95
29) Benzo(g,h,i)perylene	27.009	276	2030369	39.152	ng/ul	98

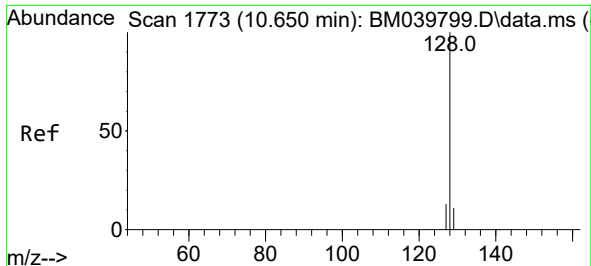
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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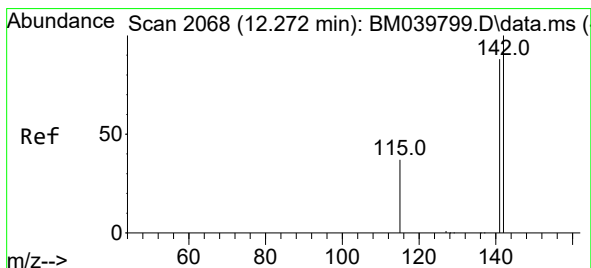
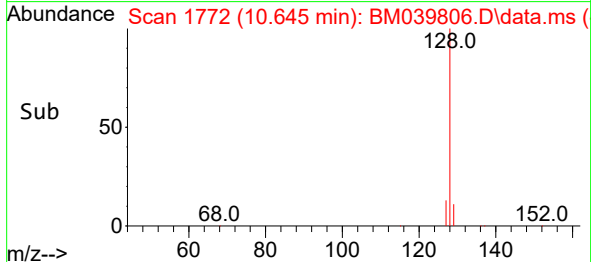
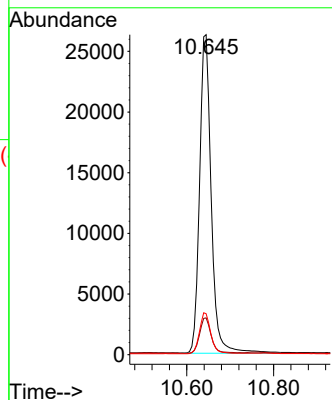
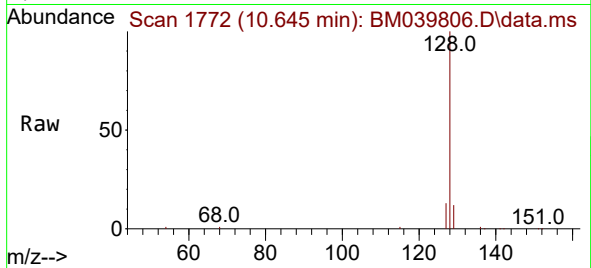




#5
Naphthalene
Concen: 2.216 ng/ul
RT: 10.645 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BM039806.D
Acq: 02 May 2023 17:30

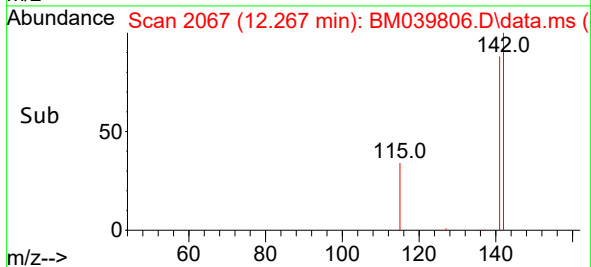
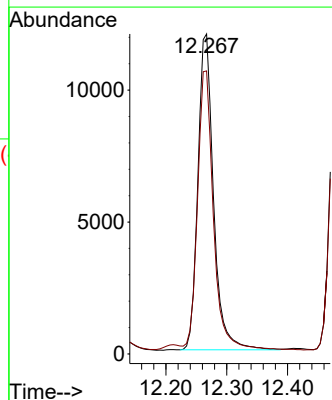
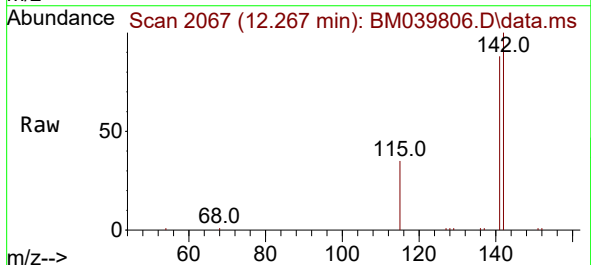
Instrument :
BNA_M
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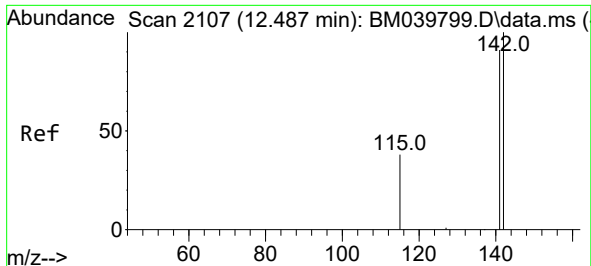
Tgt Ion:128 Resp: 49165
Ion Ratio Lower Upper
128 100
129 11.5 9.8 14.6
127 12.8 11.1 16.7



#7
2-Methylnaphthalene
Concen: 1.680 ng/ul
RT: 12.267 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BM039806.D
Acq: 02 May 2023 17:30

Tgt Ion:142 Resp: 21515
Ion Ratio Lower Upper
142 100
141 89.8 73.2 109.8

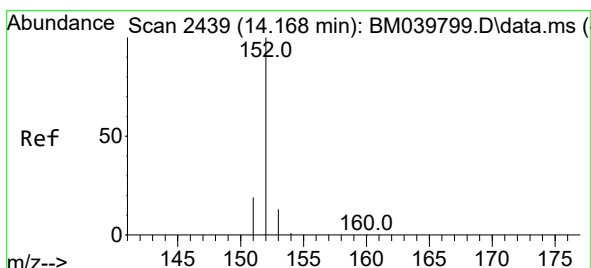
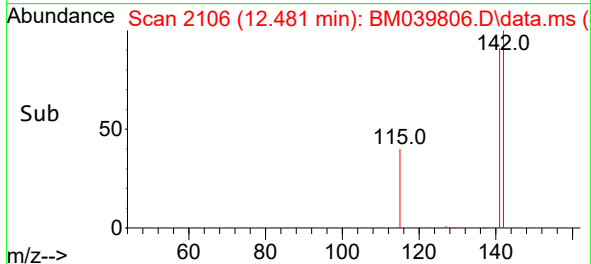
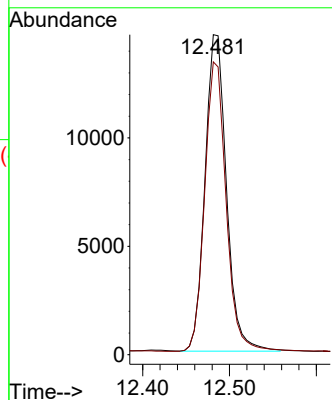
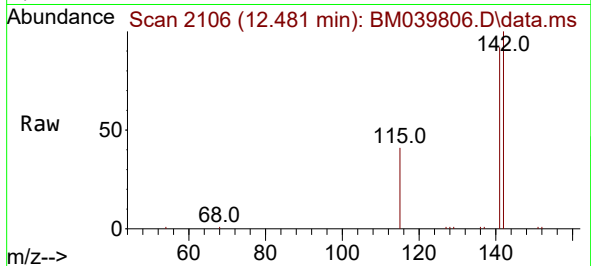




#8
1-Methylnaphthalene
Concen: 1.825 ng/ul
RT: 12.481 min Scan# 2107
Delta R.T. -0.005 min
Lab File: BM039806.D
Acq: 02 May 2023 17:30

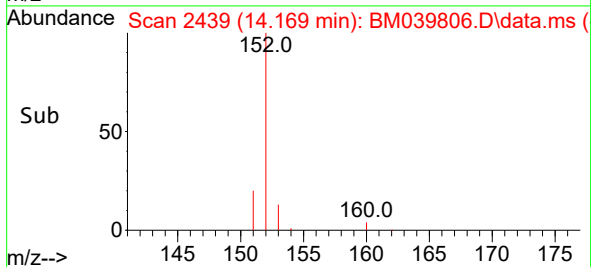
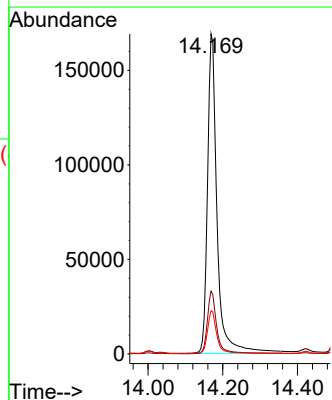
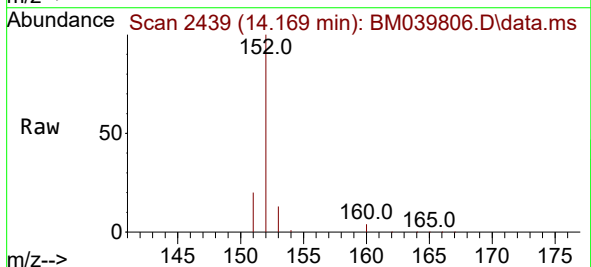
Instrument :
BNA_M
ClientSampleId :
EW923

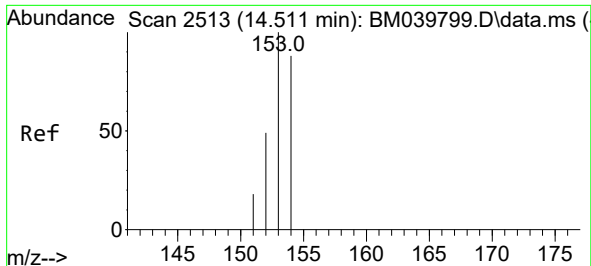
Tgt Ion:142 Resp: 25073
Ion Ratio Lower Upper
142 100
141 91.3 73.4 110.2



#10
Acenaphthylene
Concen: 15.853 ng/ul
RT: 14.169 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BM039806.D
Acq: 02 May 2023 17:30

Tgt Ion:152 Resp: 300347
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.5 11.2 16.8

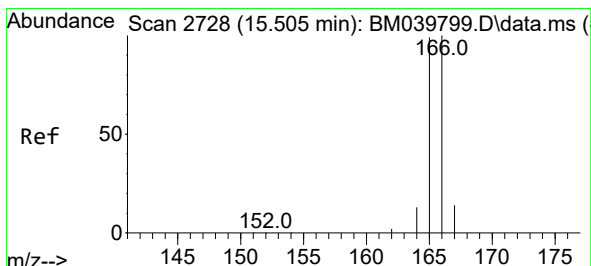
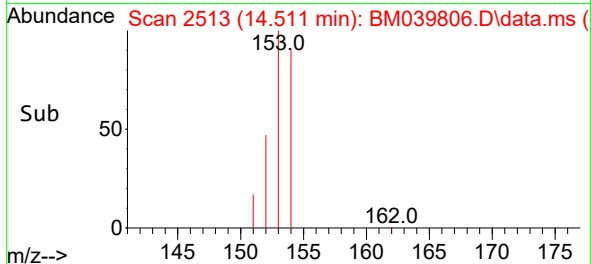
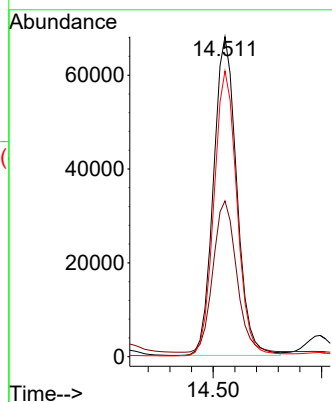
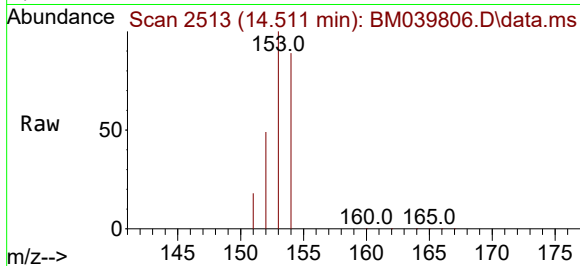




#11
Acenaphthene
Concen: 6.801 ng/ul
RT: 14.511 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039806.D
Acq: 02 May 2023 17:30

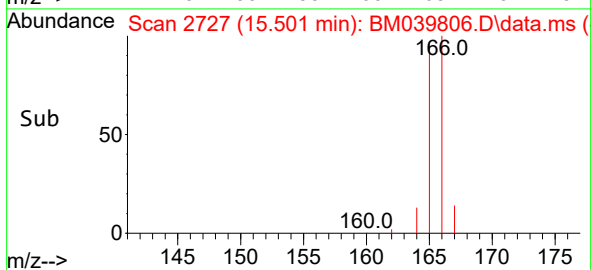
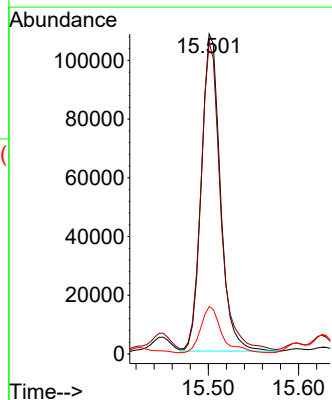
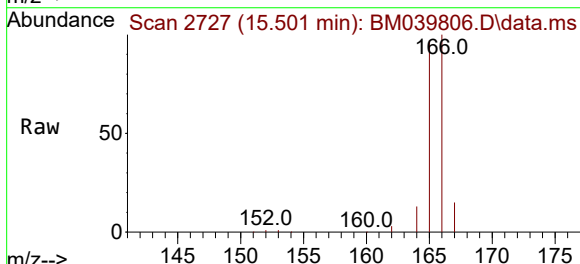
Instrument :
BNA_M
ClientSampleId :
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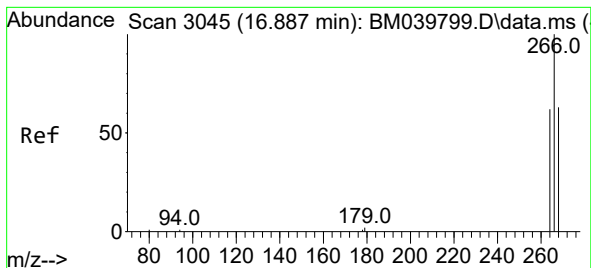
Tgt Ion:153 Resp: 101207
Ion Ratio Lower Upper
153 100
152 48.7 40.6 61.0
154 89.3 71.9 107.9



#12
Fluorene
Concen: 9.556 ng/ul
RT: 15.501 min Scan# 2727
Delta R.T. -0.004 min
Lab File: BM039806.D
Acq: 02 May 2023 17:30

Tgt Ion:166 Resp: 157773
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.6
167 14.8 11.8 17.6





#14

Pentachlorophenol

Concen: 0.068 ng/ul

RT: 16.883 min Scan# 3045

Delta R.T. -0.004 min

Lab File: BM039806.D

Acq: 02 May 2023 17:30

Instrument :

BNA_M

ClientSampleId :

EW923

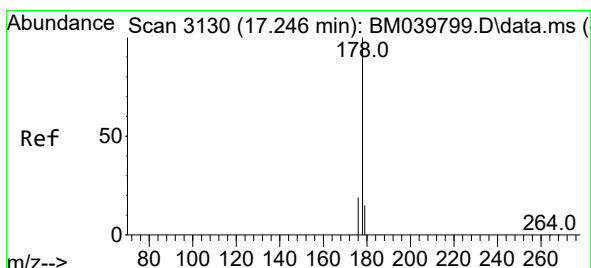
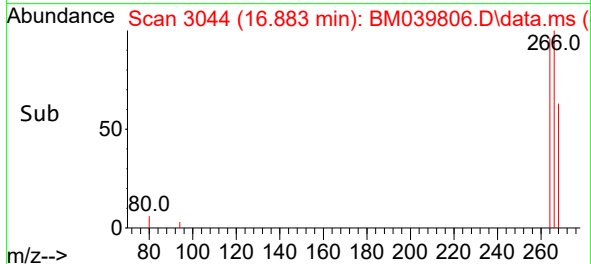
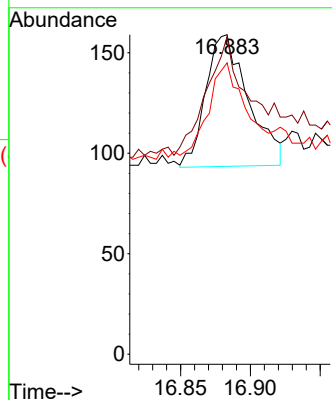
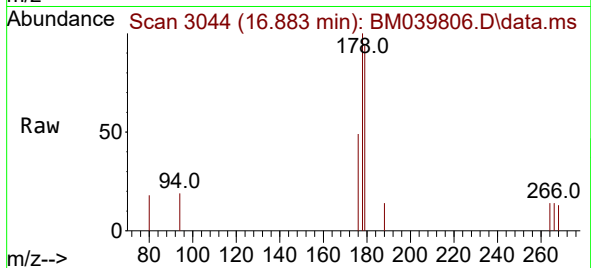
Tgt Ion:266 Resp: 140

Ion Ratio Lower Upper

266 100

264 145.0 48.8 73.2#

268 72.1 50.4 75.6



#15

Phenanthrene

Concen: 115.945 ng/ul

RT: 17.251 min Scan# 3131

Delta R.T. 0.004 min

Lab File: BM039806.D

Acq: 02 May 2023 17:30

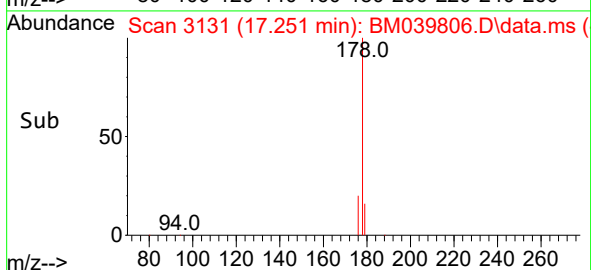
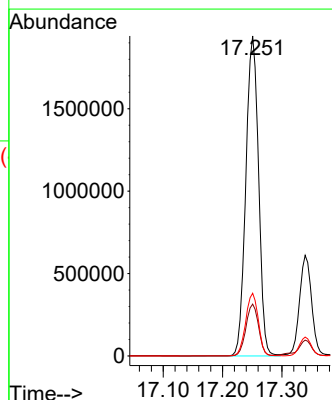
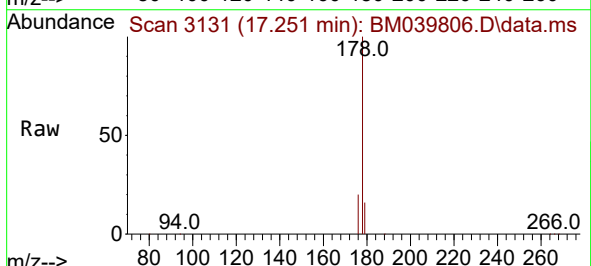
Tgt Ion:178 Resp: 2883261

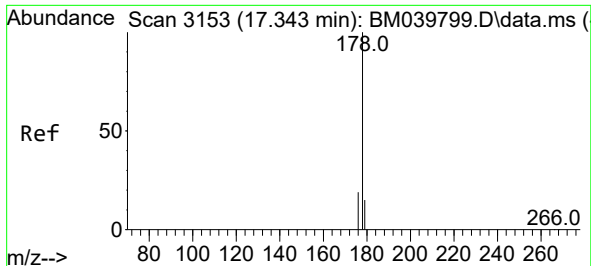
Ion Ratio Lower Upper

178 100

179 16.2 13.0 19.6

176 19.6 15.8 23.8

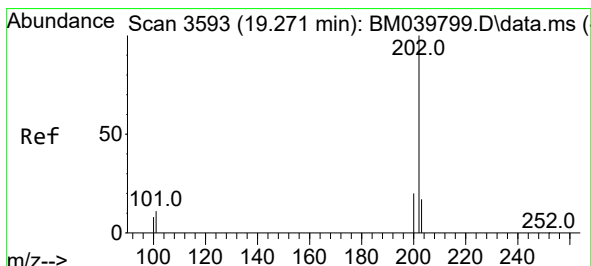
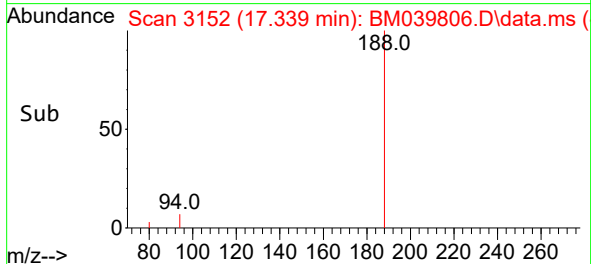
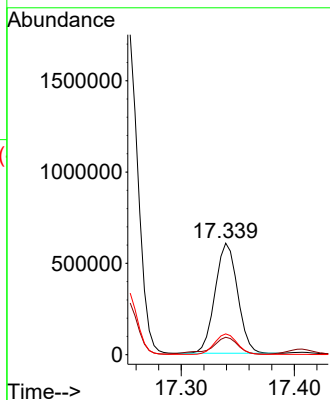
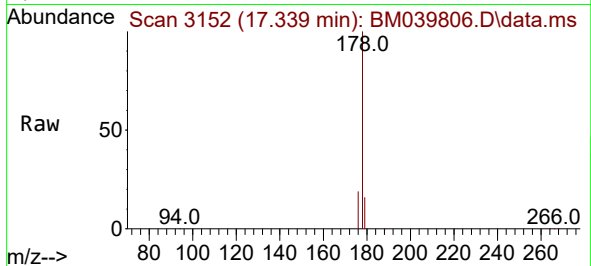




#16
 Anthracene
 Concen: 39.063 ng/ul
 RT: 17.339 min Scan# 3153
 Delta R.T. -0.004 min
 Lab File: BM039806.D
 Acq: 02 May 2023 17:30

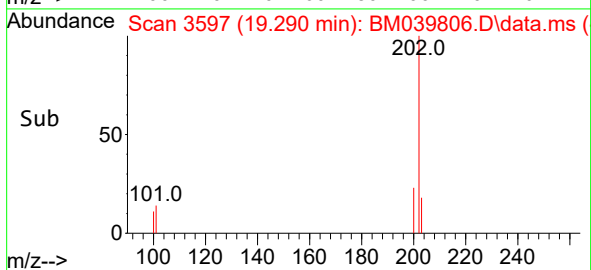
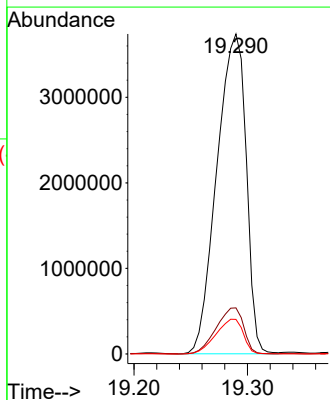
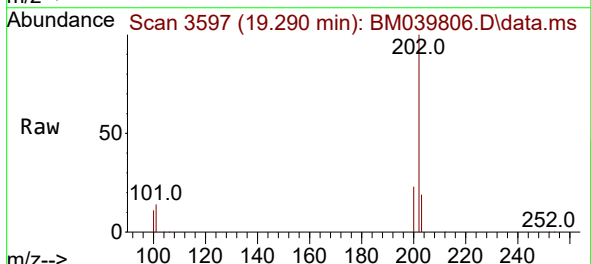
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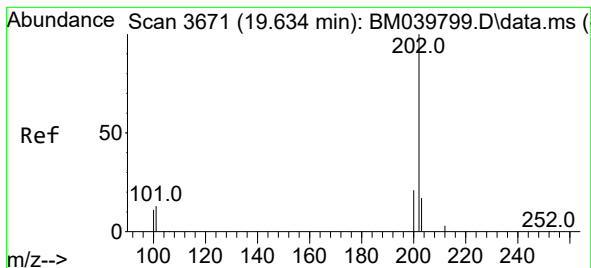
Tgt Ion:178 Resp: 834109
 Ion Ratio Lower Upper
 178 100
 179 15.7 13.8 20.6
 176 18.7 15.8 23.8



#19
 Fluoranthene
 Concen: 316.446 ng/ul
 RT: 19.290 min Scan# 3597
 Delta R.T. 0.019 min
 Lab File: BM039806.D
 Acq: 02 May 2023 17:30

Tgt Ion:202 Resp: 6696954
 Ion Ratio Lower Upper
 202 100
 101 14.4 9.8 14.8
 100 10.8 7.3 10.9





#20

Pyrene

Concen: 256.027 ng/ul

RT: 19.652 min Scan# 3

Delta R.T. 0.019 min

Lab File: BM039806.D

Acq: 02 May 2023 17:30

Instrument :

BNA_M

ClientSampleId :

EW923

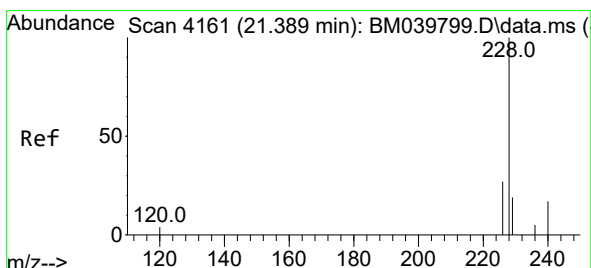
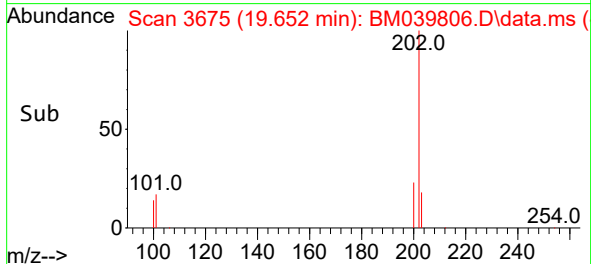
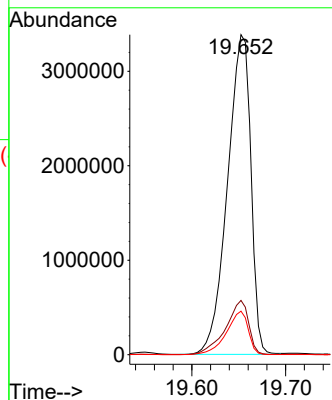
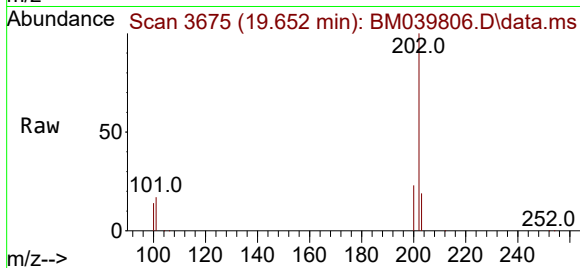
Tgt Ion:202 Resp: 5851223

Ion Ratio Lower Upper

202 100

101 16.9 10.9 16.3#

100 13.6 8.9 13.3#



#21

Benzo(a)anthracene

Concen: 209.704 ng/ul

RT: 21.402 min Scan# 4166

Delta R.T. 0.013 min

Lab File: BM039806.D

Acq: 02 May 2023 17:30

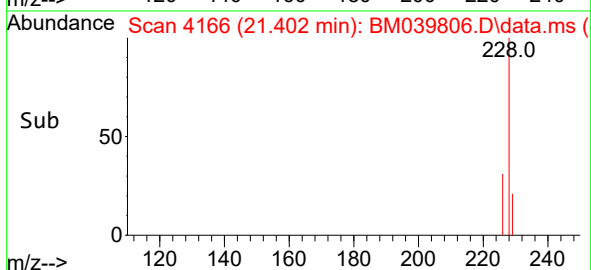
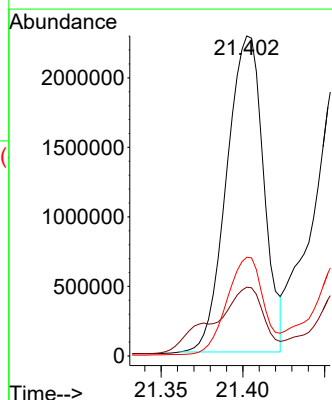
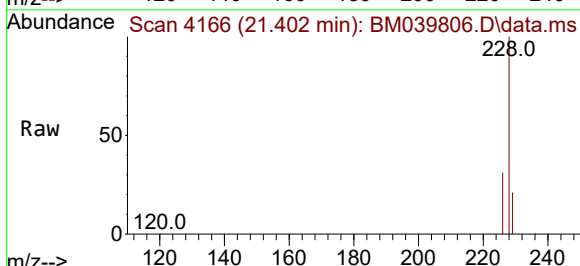
Tgt Ion:228 Resp: 3576587

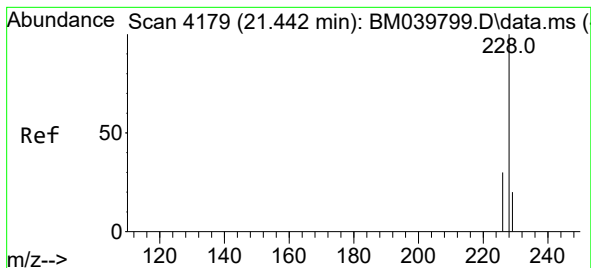
Ion Ratio Lower Upper

228 100

229 21.5 16.2 24.2

226 30.9 21.6 32.4





#22

Chrysene

Concen: 183.408 ng/ul

RT: 21.458 min Scan# 41

Delta R.T. 0.016 min

Lab File: BM039806.D

Acq: 02 May 2023 17:30

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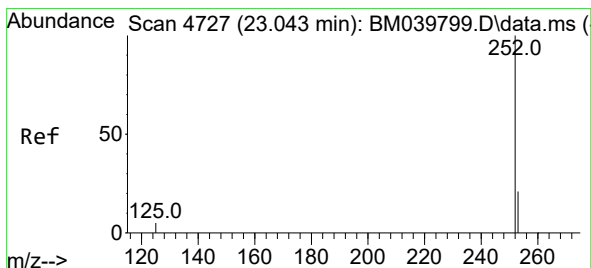
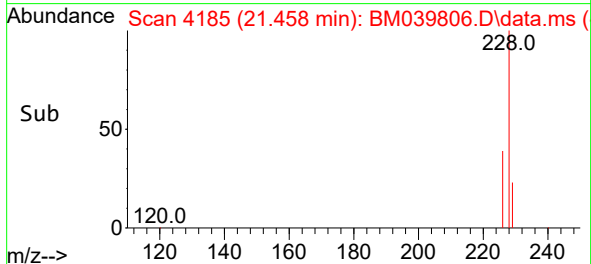
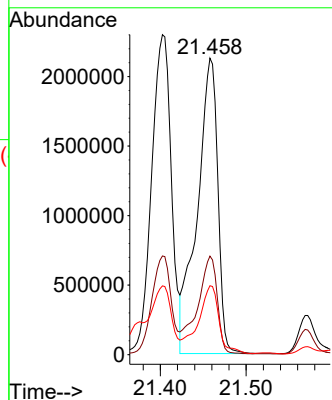
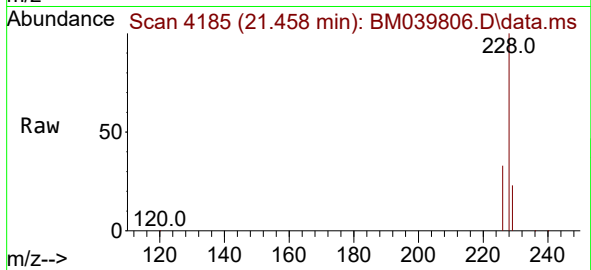
Tgt Ion:228 Resp: 3539988

Ion Ratio Lower Upper

228 100

226 33.3 24.3 36.5

229 23.3 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 91.990 ng/ul

RT: 23.080 min Scan# 4740

Delta R.T. 0.037 min

Lab File: BM039806.D

Acq: 02 May 2023 17:30

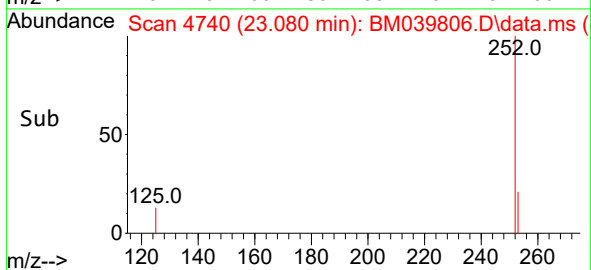
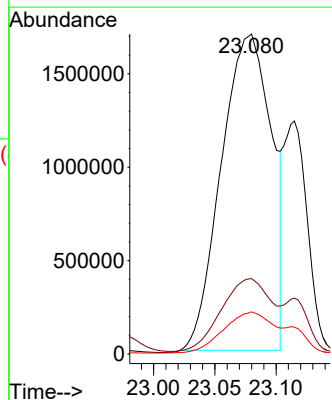
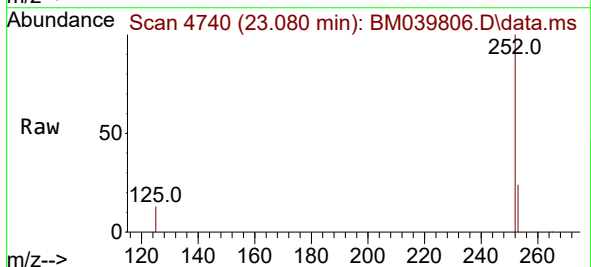
Tgt Ion:252 Resp: 4822335

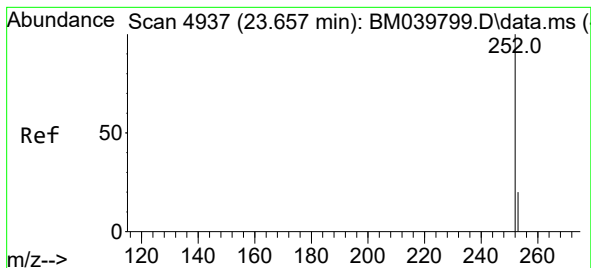
Ion Ratio Lower Upper

252 100

253 23.6 0.0 52.8

125 13.1 0.0 31.6





#26

Benzo(a)pyrene

Concen: 67.638 ng/ul

RT: 23.688 min Scan# 4948

Delta R.T. 0.031 min

Lab File: BM039806.D

Acq: 02 May 2023 17:30

Instrument :

BNA_M

ClientSampleId :

EW923

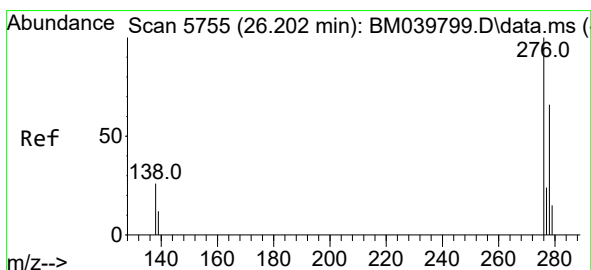
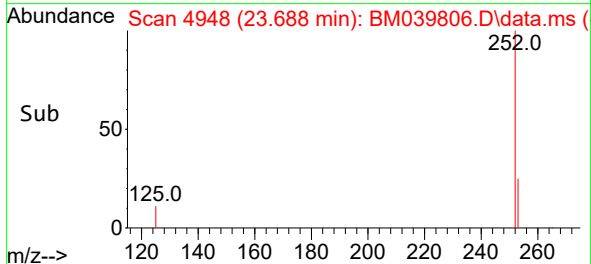
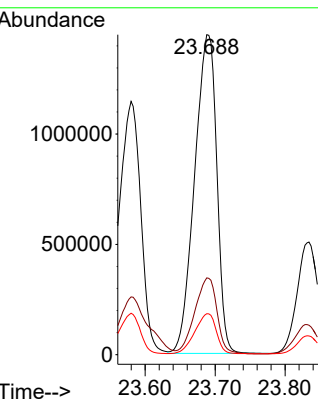
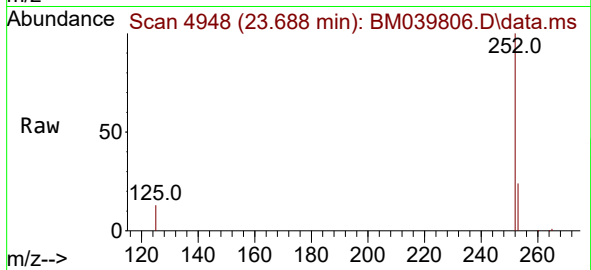
Tgt Ion:252 Resp: 3183496

Ion Ratio Lower Upper

252 100

253 24.0 24.7 37.1#

125 12.8 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 39.283 ng/ul

RT: 26.255 min Scan# 5771

Delta R.T. 0.052 min

Lab File: BM039806.D

Acq: 02 May 2023 17:30

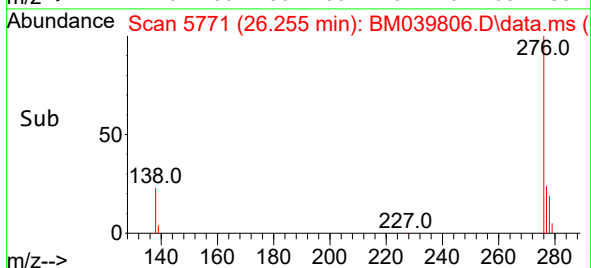
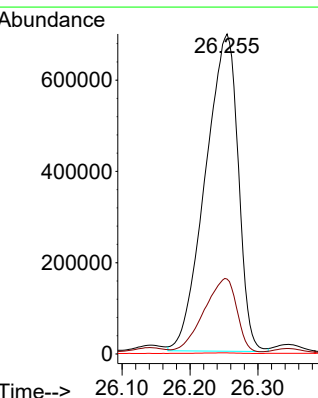
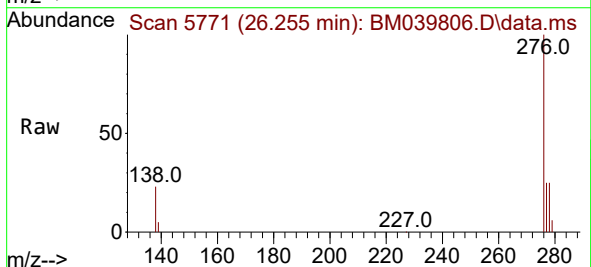
Tgt Ion:276 Resp: 2337918

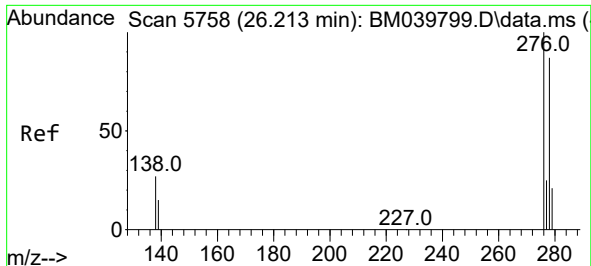
Ion Ratio Lower Upper

276 100

138 23.0 21.1 31.7

227 0.2 0.1 0.1#

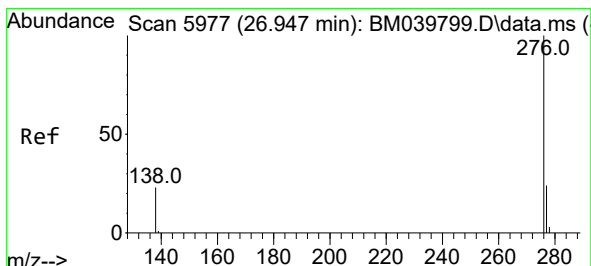
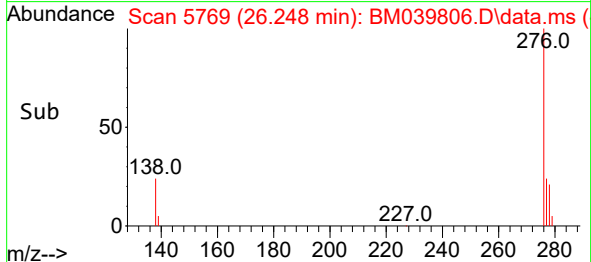
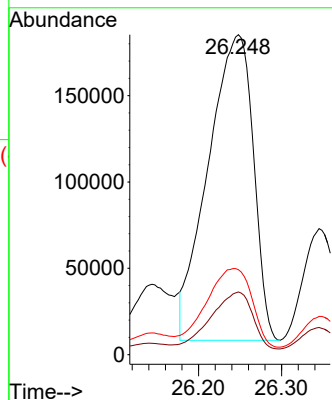
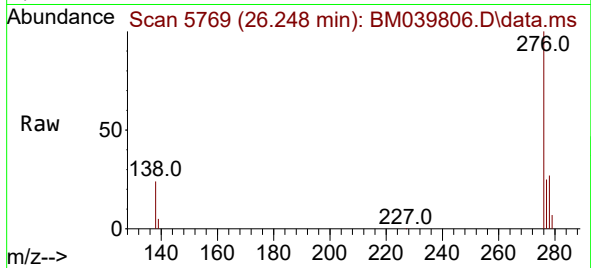




#28
Dibenzo(a,h)anthracene
Concen: 14.506 ng/ul
RT: 26.248 min Scan# 51
Delta R.T. 0.035 min
Lab File: BM039806.D
Acq: 02 May 2023 17:30

Instrument :
BNA_M
ClientSampleId :
EW923

Tgt Ion:278 Resp: 670084
Ion Ratio Lower Upper
278 100
139 19.6 17.0 25.6
279 26.5 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 39.152 ng/ul
RT: 27.009 min Scan# 5996
Delta R.T. 0.062 min
Lab File: BM039806.D
Acq: 02 May 2023 17:30

Tgt Ion:276 Resp: 2030369
Ion Ratio Lower Upper
276 100
138 23.7 20.1 30.1
277 24.7 20.1 30.1

