

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
 Data File : BM039805.D
 Acq On : 02 May 2023 16:54
 Operator : CG/JU
 Sample : 02419-25
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW922

Quant Time: May 03 04:16:25 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)

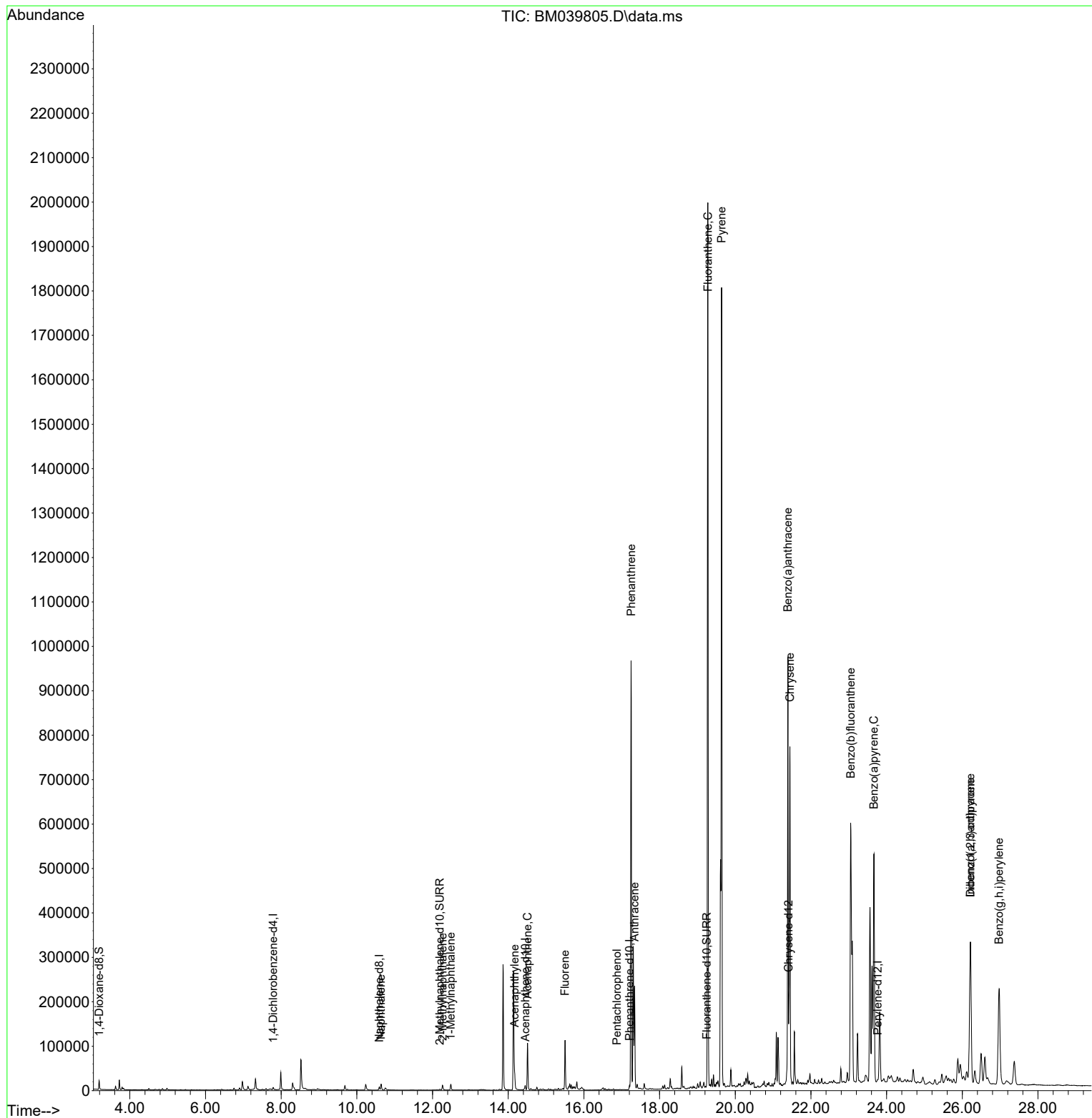
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3007	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.590	136	9976	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.451	164	5243	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.204	188	10902	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.408	240	7177	0.400	ng/ul	# 0.00
23) Perylene-d12	23.764	264	9768	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	11797	2.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2795	0.218	ng/ul	-0.01
18) Fluoranthene-d10	19.243	212	5261	0.272	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.639	128	19860	0.793	ng/ul	99
7) 2-Methylnaphthalene	12.267	142	9177	0.635	ng/ul	96
8) 1-Methylnaphthalene	12.481	142	9315	0.601	ng/ul	100
10) Acenaphthylene	14.169	152	46030	2.268	ng/ul	100
11) Acenaphthene	14.511	153	59799	3.752	ng/ul	98
12) Fluorene	15.501	166	69789	3.946	ng/ul	99
14) Pentachlorophenol	16.875	266	54	0.023	ng/ul#	47
15) Phenanthrene	17.246	178	1018268	35.453	ng/ul	99
16) Anthracene	17.339	178	241620	9.797	ng/ul	97
19) Fluoranthene	19.276	202	1711301	66.836	ng/ul	98
20) Pyrene	19.638	202	1477361	53.430	ng/ul	100
21) Benzo(a)anthracene	21.391	228	809799	39.244	ng/ul	99
22) Chrysene	21.443	228	735716	31.505	ng/ul	98
24) Benzo(b)fluoranthene	23.051	252	1040423	30.329	ng/ul	92
26) Benzo(a)pyrene	23.665	252	740982	24.058	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.214	276	540103	13.868	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.214	278	142595	4.717	ng/ul	98
29) Benzo(g,h,i)perylene	26.972	276	483745	14.255	ng/ul	98

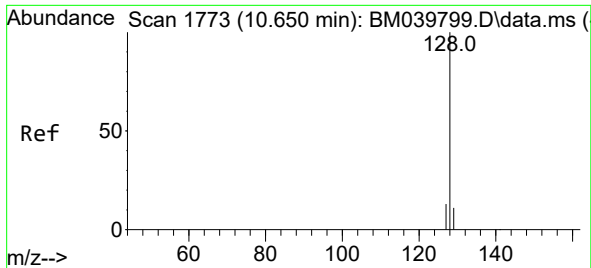
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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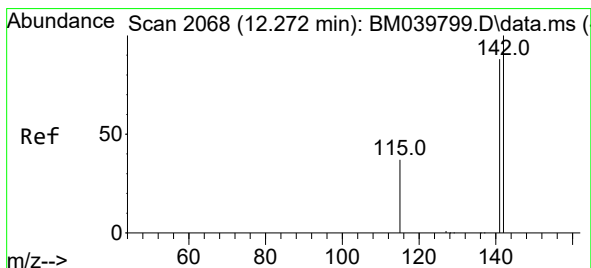
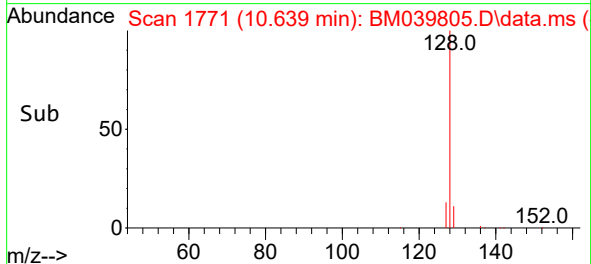
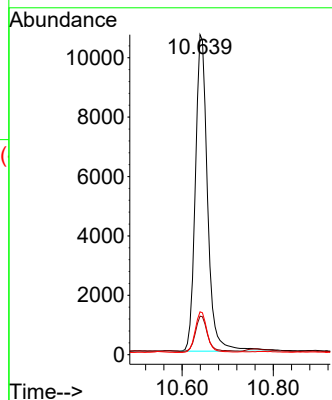
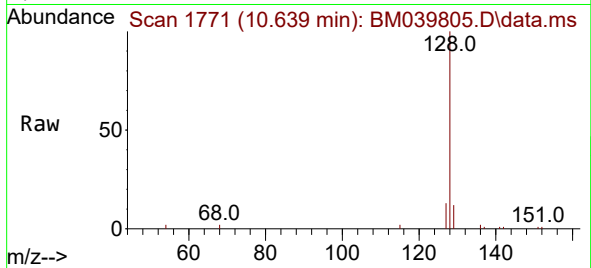




#5
Naphthalene
Concen: 0.793 ng/ul
RT: 10.639 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

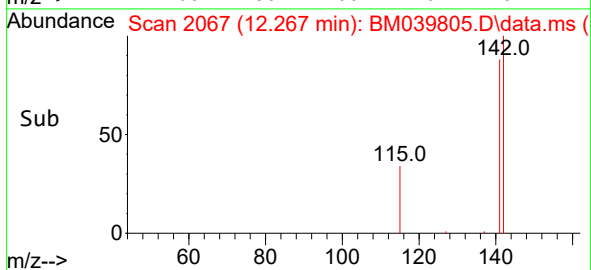
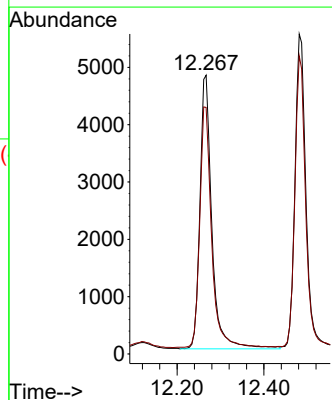
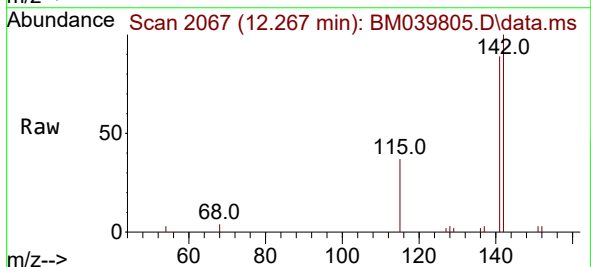
Instrument :
BNA_M
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EW922

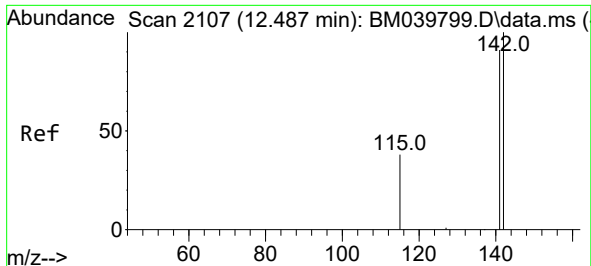
Tgt Ion:128 Resp: 19860
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 13.4 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.635 ng/ul
RT: 12.267 min Scan# 2067
Delta R.T. -0.005 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

Tgt Ion:142 Resp: 9177
Ion Ratio Lower Upper
142 100
141 87.4 73.2 109.8

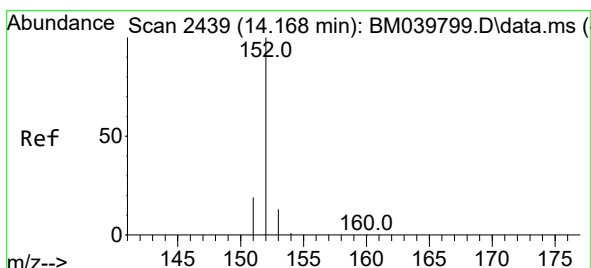
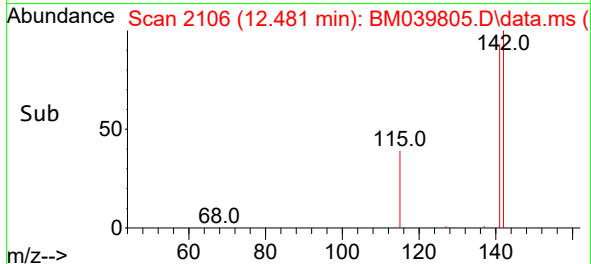
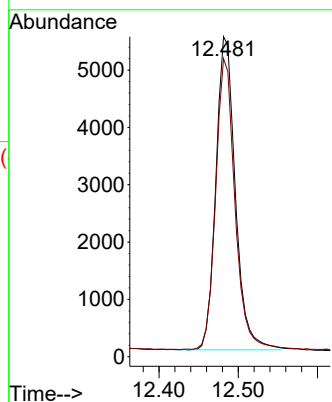
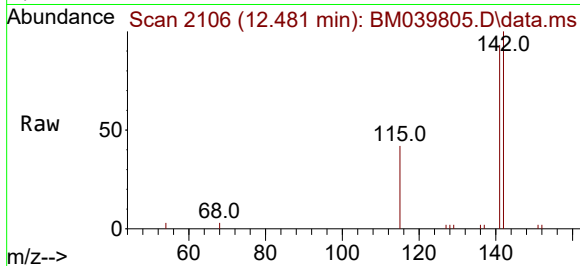




#8
1-Methylnaphthalene
Concen: 0.601 ng/ul
RT: 12.481 min Scan# 2106
Delta R.T. -0.005 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

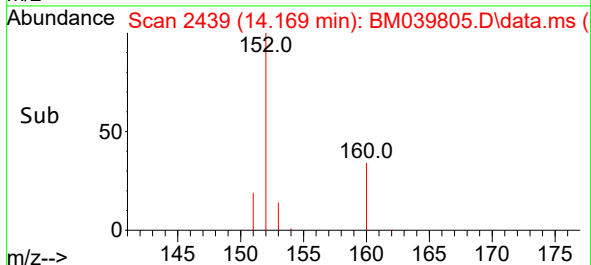
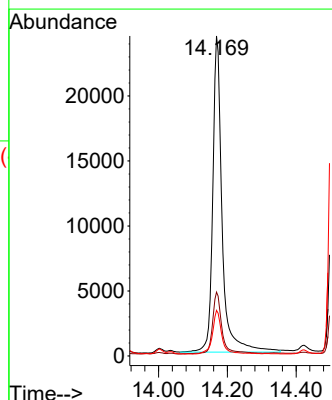
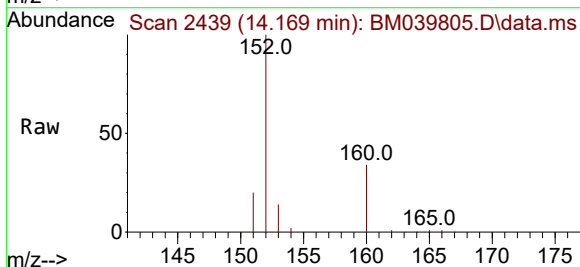
Instrument :
BNA_M
ClientSampleId :
EW922

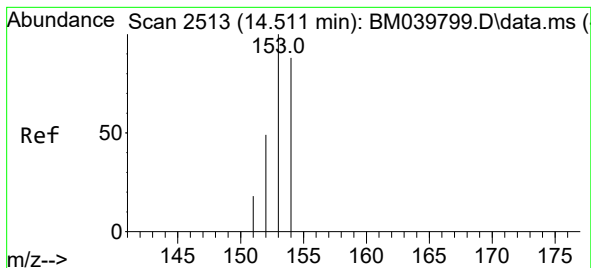
Tgt Ion:142 Resp: 9315
Ion Ratio Lower Upper
142 100
141 91.9 73.4 110.2



#10
Acenaphthylene
Concen: 2.268 ng/ul
RT: 14.169 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

Tgt Ion:152 Resp: 46030
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 14.2 11.2 16.8





#11

Acenaphthene

Concen: 3.752 ng/ul

RT: 14.511 min Scan# 2513

Delta R.T. 0.000 min

Lab File: BM039805.D

Acq: 02 May 2023 16:54

Instrument :

BNA_M

ClientSampleId :

EW922

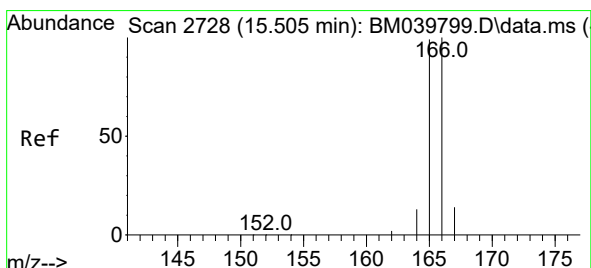
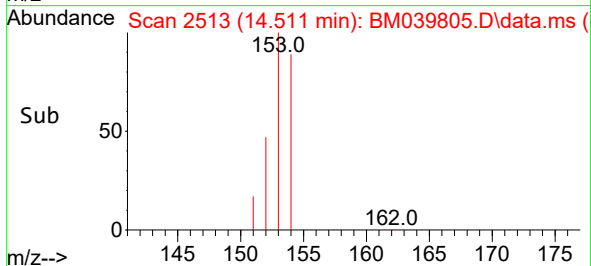
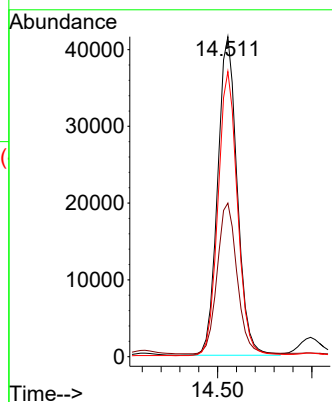
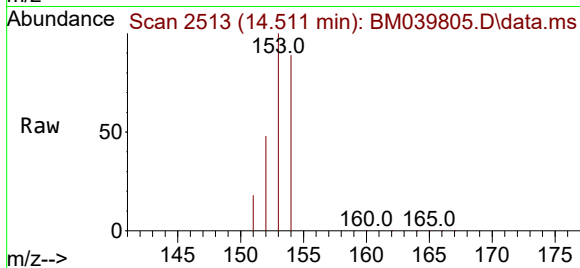
Tgt Ion:153 Resp: 59799

Ion Ratio Lower Upper

153 100

152 48.0 40.6 61.0

154 89.1 71.9 107.9



#12

Fluorene

Concen: 3.946 ng/ul

RT: 15.501 min Scan# 2727

Delta R.T. -0.004 min

Lab File: BM039805.D

Acq: 02 May 2023 16:54

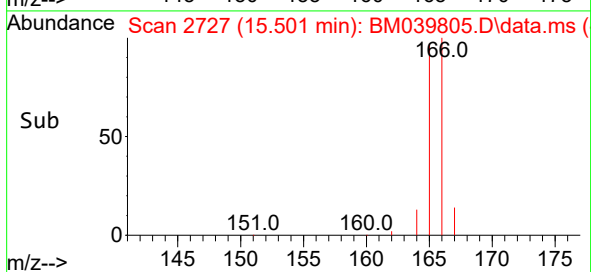
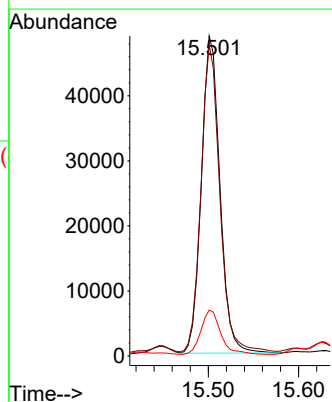
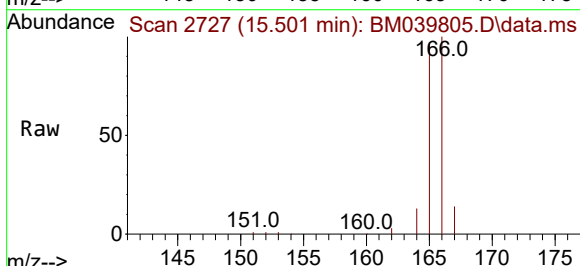
Tgt Ion:166 Resp: 69789

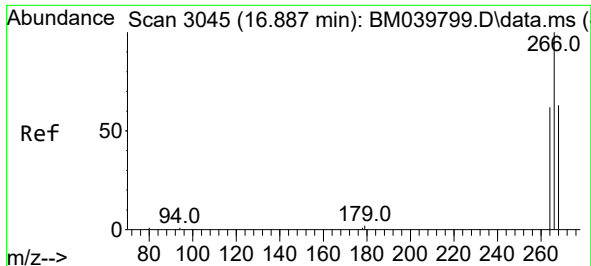
Ion Ratio Lower Upper

166 100

165 97.3 79.0 118.6

167 14.4 11.8 17.6

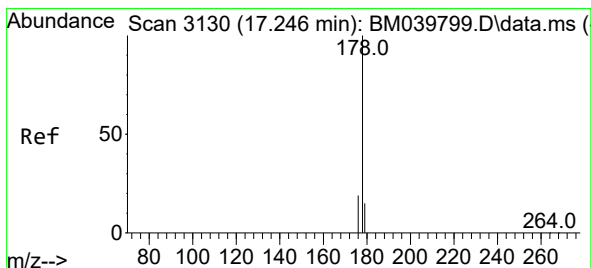
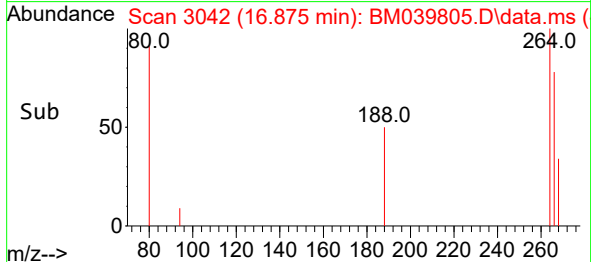
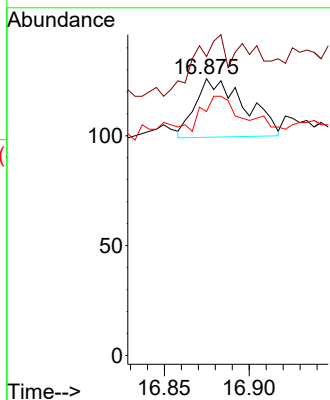
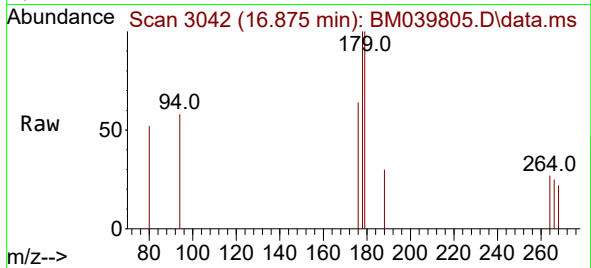




#14
Pentachlorophenol
Concen: 0.023 ng/ul
RT: 16.875 min Scan# 3045
Delta R.T. -0.012 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

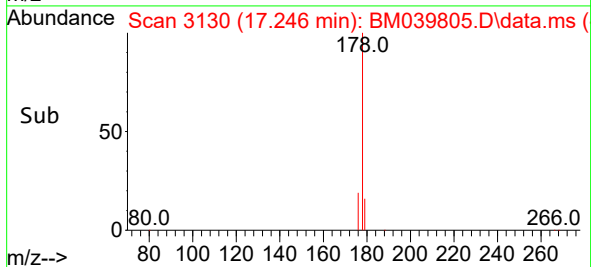
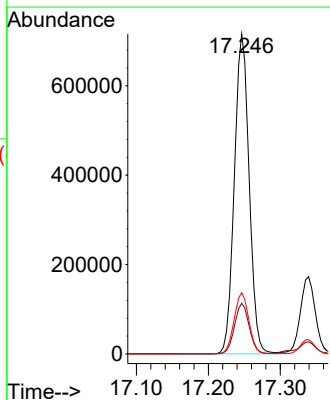
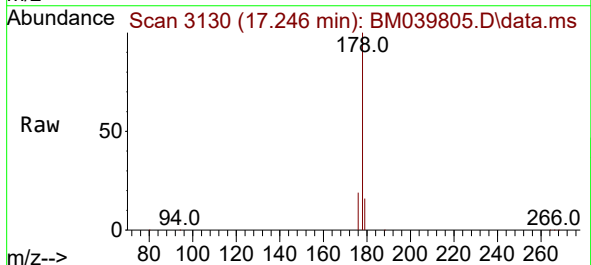
Instrument :
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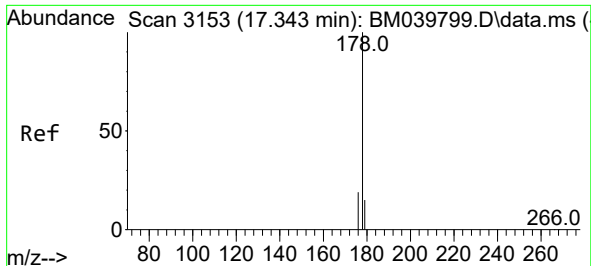
Tgt Ion:266 Resp: 54
Ion Ratio Lower Upper
266 100
264 135.2 48.8 73.2#
268 55.6 50.4 75.6



#15
Phenanthrene
Concen: 35.453 ng/ul
RT: 17.246 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

Tgt Ion:178 Resp: 1018268
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.6
176 19.2 15.8 23.8

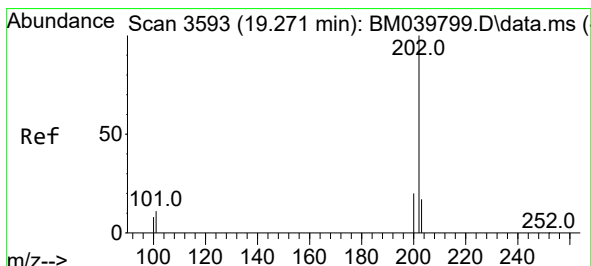
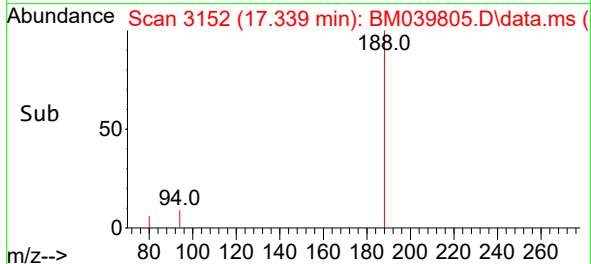
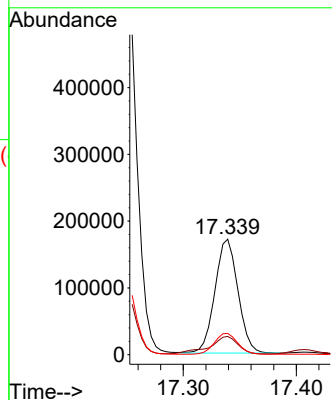
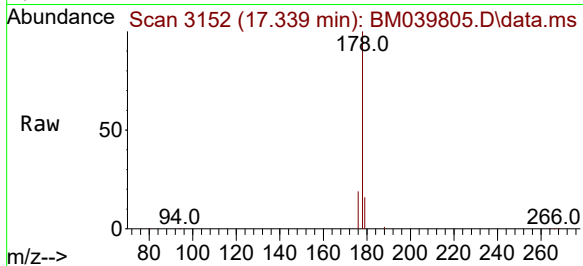




#16
 Anthracene
 Concen: 9.797 ng/ul
 RT: 17.339 min Scan# 3153
 Delta R.T. -0.004 min
 Lab File: BM039805.D
 Acq: 02 May 2023 16:54

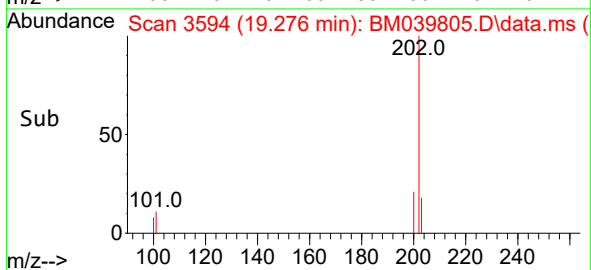
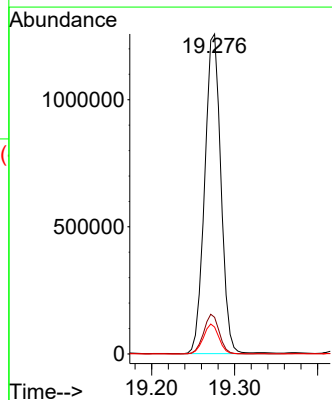
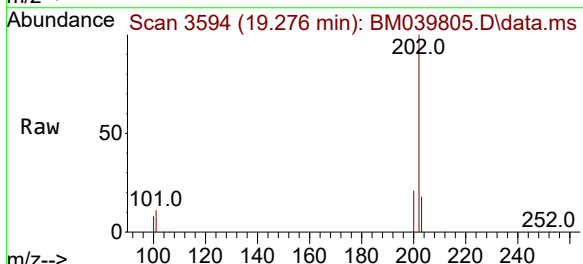
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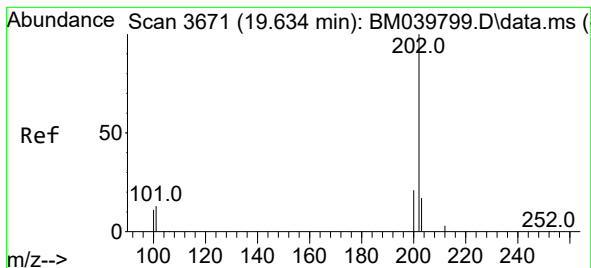
Tgt Ion:178 Resp: 241620
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.8 20.6
 176 18.5 15.8 23.8



#19
 Fluoranthene
 Concen: 66.836 ng/ul
 RT: 19.276 min Scan# 3594
 Delta R.T. 0.005 min
 Lab File: BM039805.D
 Acq: 02 May 2023 16:54

Tgt Ion:202 Resp: 1711301
 Ion Ratio Lower Upper
 202 100
 101 11.5 9.8 14.8
 100 8.4 7.3 10.9





#20

Pyrene

Concen: 53.430 ng/ul

RT: 19.638 min Scan# 3

Delta R.T. 0.005 min

Lab File: BM039805.D

Acq: 02 May 2023 16:54

Instrument :

BNA_M

ClientSampleId :

EW922

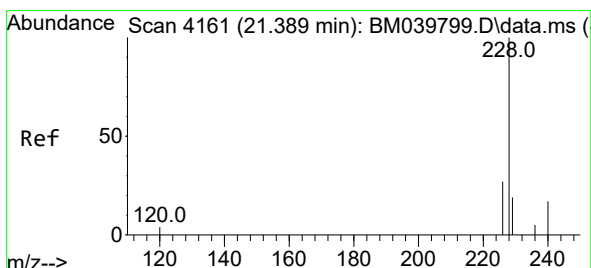
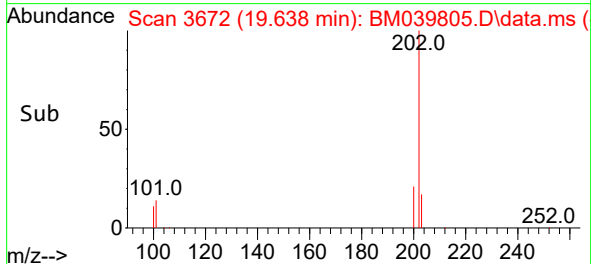
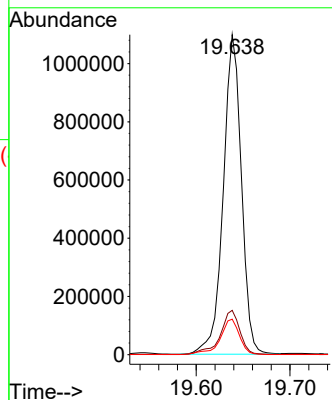
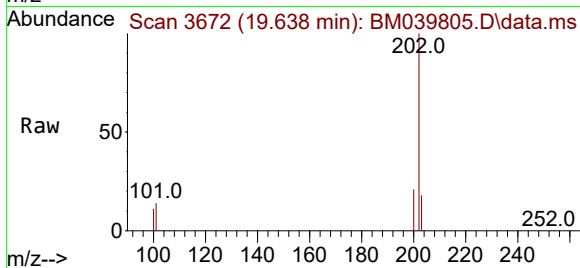
Tgt Ion:202 Resp: 1477361

Ion Ratio Lower Upper

202 100

101 13.9 10.9 16.3

100 11.1 8.9 13.3



#21

Benzo(a)anthracene

Concen: 39.244 ng/ul

RT: 21.391 min Scan# 4162

Delta R.T. 0.001 min

Lab File: BM039805.D

Acq: 02 May 2023 16:54

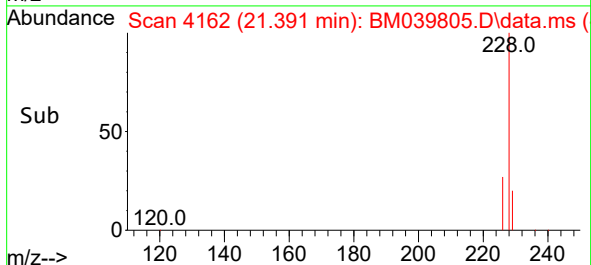
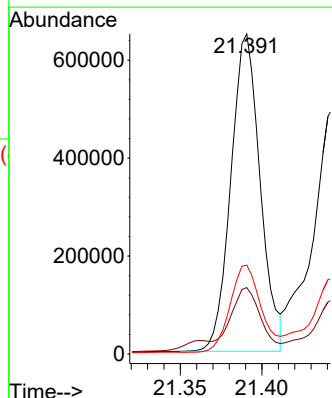
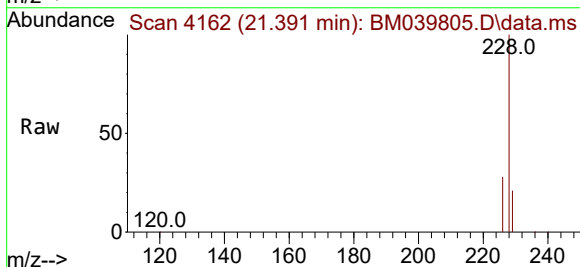
Tgt Ion:228 Resp: 809799

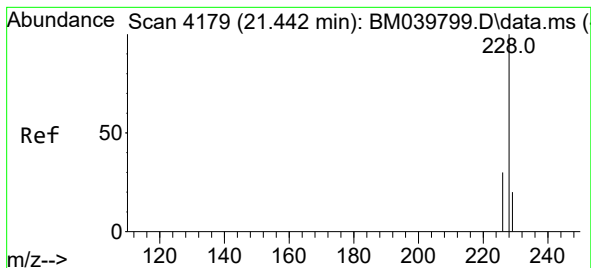
Ion Ratio Lower Upper

228 100

229 20.8 16.2 24.2

226 27.8 21.6 32.4





#22

Chrysene

Concen: 31.505 ng/ul

RT: 21.443 min Scan# 41

Delta R.T. 0.001 min

Lab File: BM039805.D

Acq: 02 May 2023 16:54

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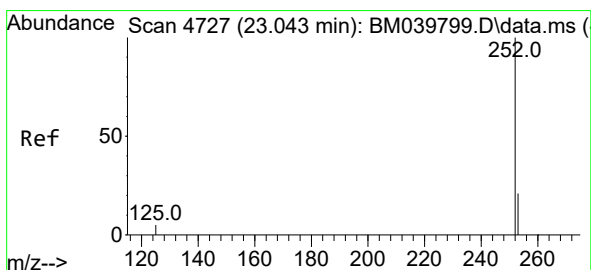
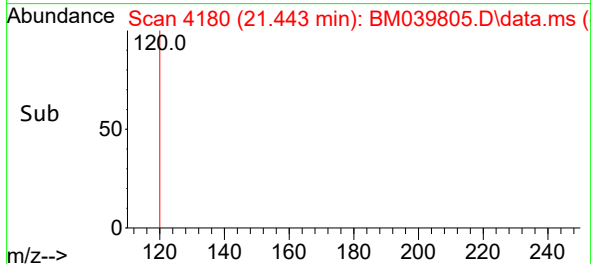
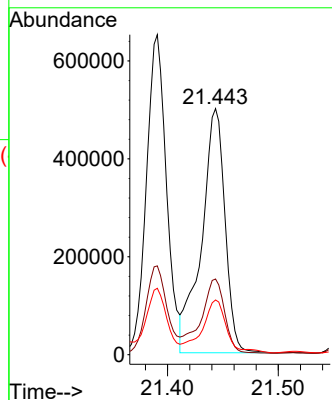
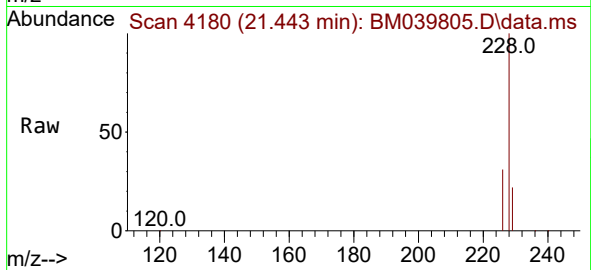
Tgt Ion:228 Resp: 735716

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 22.3 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 30.329 ng/ul

RT: 23.051 min Scan# 4730

Delta R.T. 0.007 min

Lab File: BM039805.D

Acq: 02 May 2023 16:54

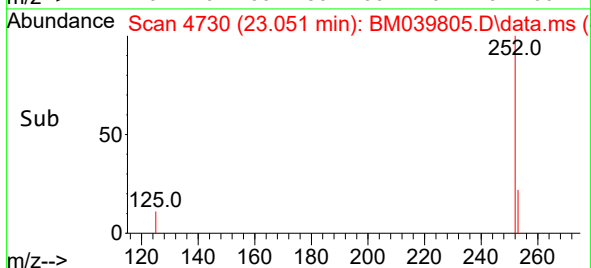
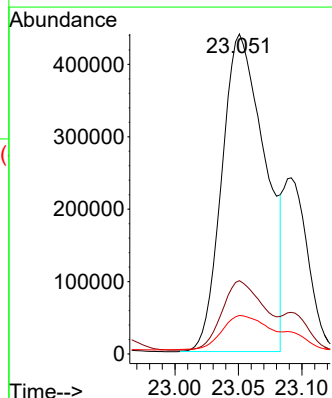
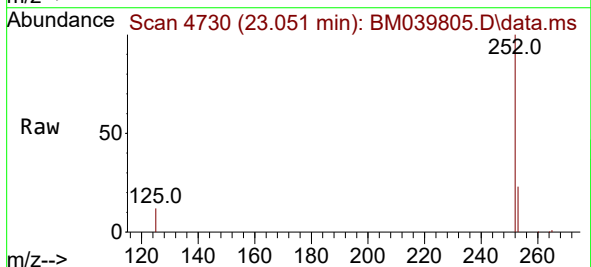
Tgt Ion:252 Resp: 1040423

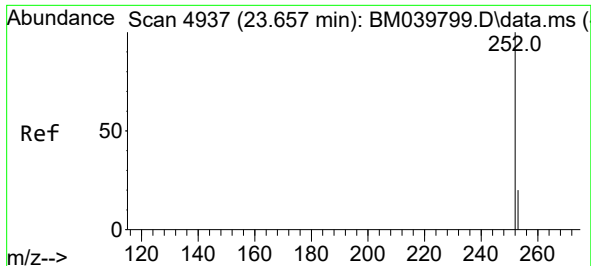
Ion Ratio Lower Upper

252 100

253 22.9 0.0 52.8

125 12.1 0.0 31.6

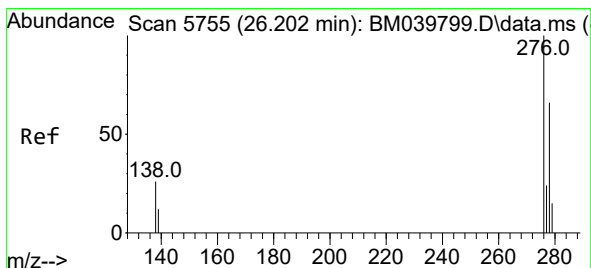
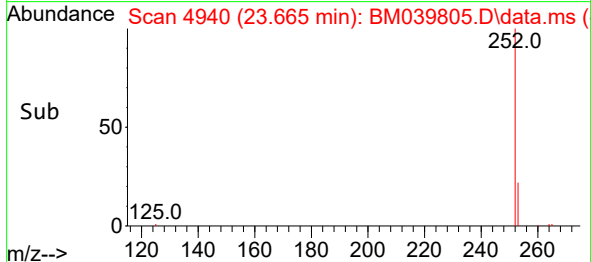
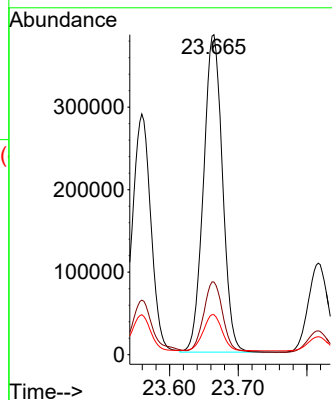
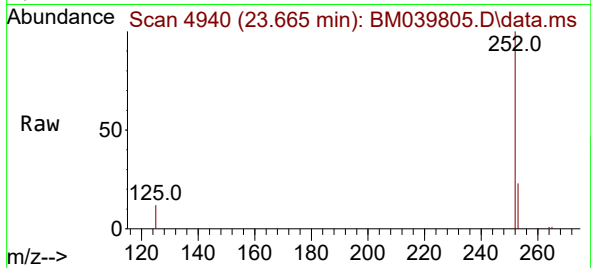




#26
Benzo(a)pyrene
Concen: 24.058 ng/ul
RT: 23.665 min Scan# 4937
Delta R.T. 0.007 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

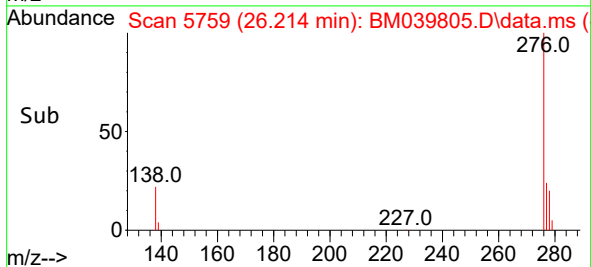
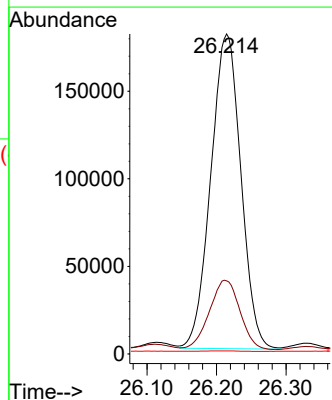
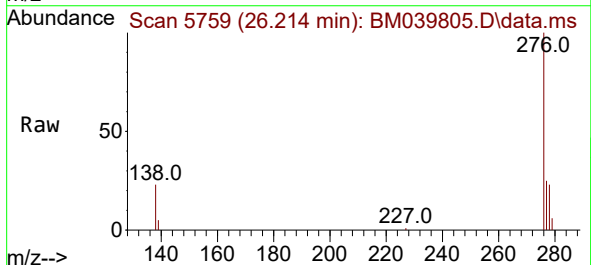
Instrument :
BNA_M
ClientSampleId :
EW922

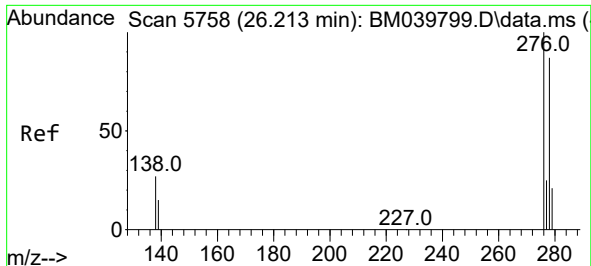
Tgt Ion:252 Resp: 740982
Ion Ratio Lower Upper
252 100
253 22.7 24.7 37.1#
125 12.5 16.5 24.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 13.868 ng/ul
RT: 26.214 min Scan# 5759
Delta R.T. 0.012 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

Tgt Ion:276 Resp: 540103
Ion Ratio Lower Upper
276 100
138 22.3 21.1 31.7
227 0.2 0.1 0.1#

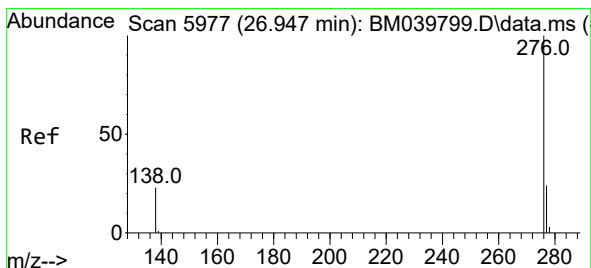
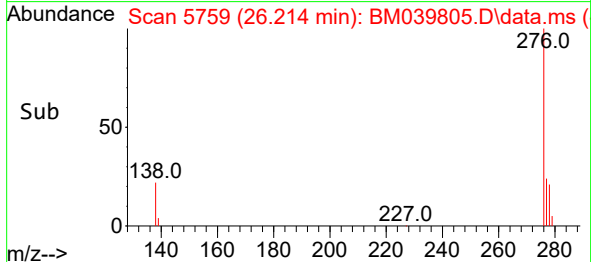
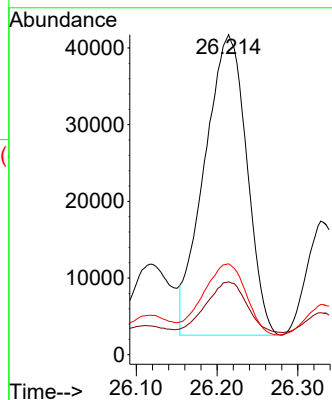
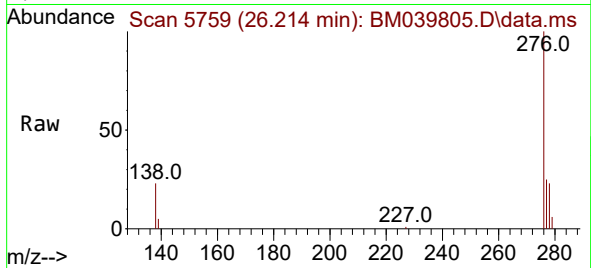




#28
Dibenzo(a,h)anthracene
Concen: 4.717 ng/ul
RT: 26.214 min Scan# 51
Delta R.T. 0.002 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

Instrument :
BNA_M
ClientSampleId :
EW922

Tgt Ion:278 Resp: 142595
Ion Ratio Lower Upper
278 100
139 22.7 17.0 25.6
279 28.4 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 14.255 ng/ul
RT: 26.972 min Scan# 5985
Delta R.T. 0.025 min
Lab File: BM039805.D
Acq: 02 May 2023 16:54

Tgt Ion:276 Resp: 483745
Ion Ratio Lower Upper
276 100
138 23.7 20.1 30.1
277 24.8 20.1 30.1

