

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039726.D
 Acq On : 28 Apr 2023 03:22
 Operator : CG/JU
 Sample : PB152401BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS401

Quant Time: Apr 28 04:43:14 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 : Fri Apr 28 02:30:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

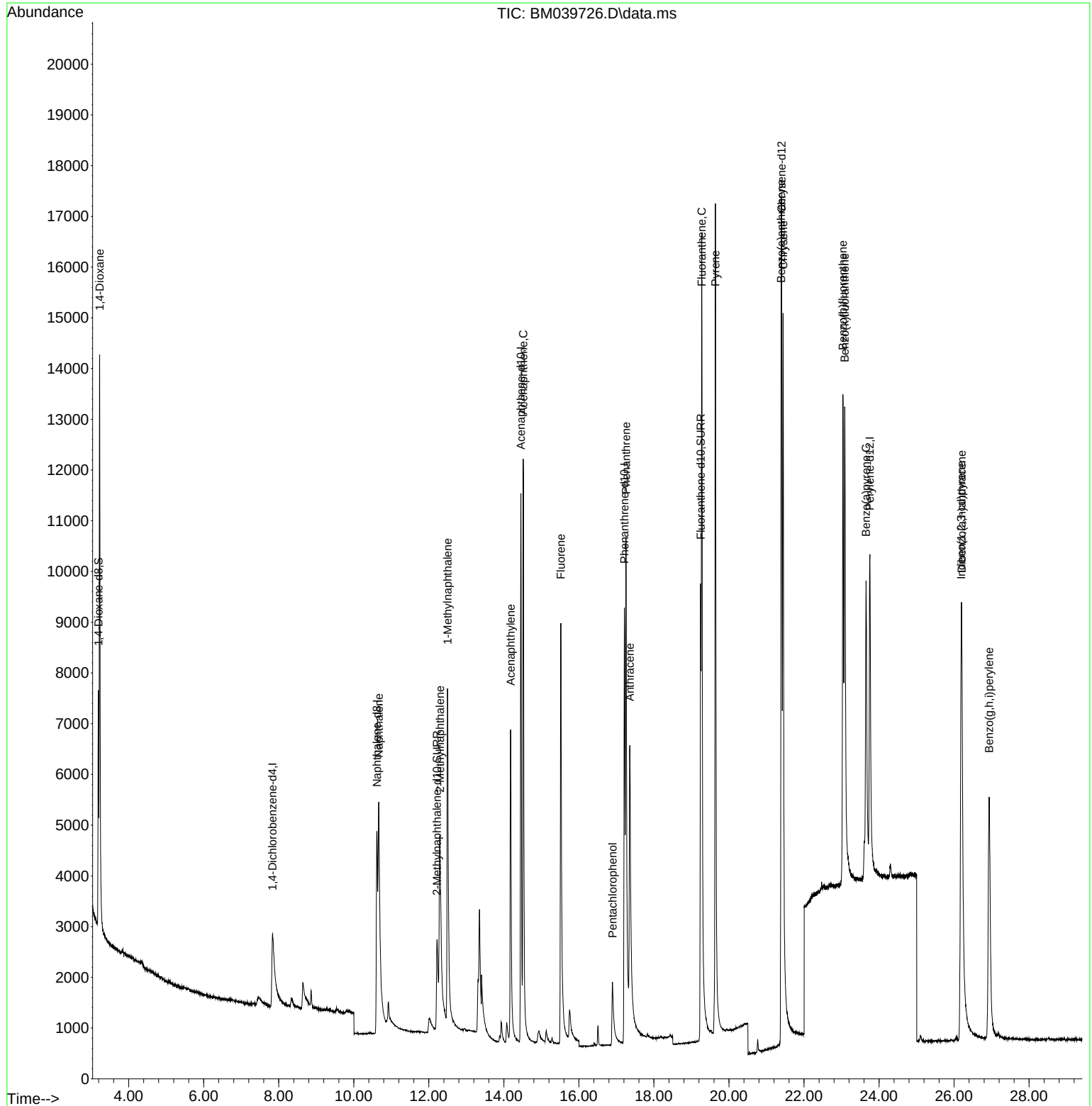
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	2729	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	11733	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.455	164	7235	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	14135	0.400	ng/ul	0.00
17) Chrysene-d12	21.404	240	12404	0.400	ng/ul	0.00
23) Perylene-d12	23.754	264	10646	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	3190	0.793	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	5594	0.372	ng/ul	0.00
18) Fluoranthene-d10	19.243	212	13285	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.226	88	7829	1.879	ng/ul#	36
5) Naphthalene	10.666	128	10340	0.351	ng/ul	99
7) 2-Methylnaphthalene	12.294	142	6107	0.359	ng/ul	98
8) 1-Methylnaphthalene	12.498	142	6774	0.371	ng/ul	100
10) Acenaphthylene	14.178	152	10257	0.366	ng/ul	99
11) Acenaphthene	14.515	153	8183	0.372	ng/ul	98
12) Fluorene	15.519	166	8780	0.360	ng/ul	100
14) Pentachlorophenol	16.896	266	1855	0.602	ng/ul	99
15) Phenanthrene	17.255	178	13706	0.368	ng/ul	99
16) Anthracene	17.356	178	11110	0.347	ng/ul	98
19) Fluoranthene	19.276	202	17089	0.386	ng/ul	99
20) Pyrene	19.638	202	18595	0.389	ng/ul	100
21) Benzo(a)anthracene	21.389	228	13413	0.376	ng/ul	98
22) Chrysene	21.442	228	16084	0.399	ng/ul	100
24) Benzo(b)fluoranthene	23.038	252	14474	0.387	ng/ul	97
25) Benzo(k)fluoranthene	23.084	252	14597	0.383	ng/ul	98
26) Benzo(a)pyrene	23.654	252	12508	0.373	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.189	276	14935	0.352	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.202	278	11720	0.356	ng/ul	99
29) Benzo(g,h,i)perylene	26.934	276	13010	0.352	ng/ul	99

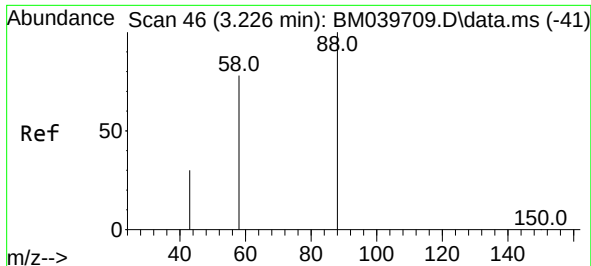
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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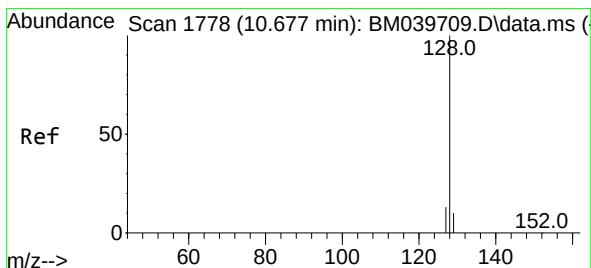
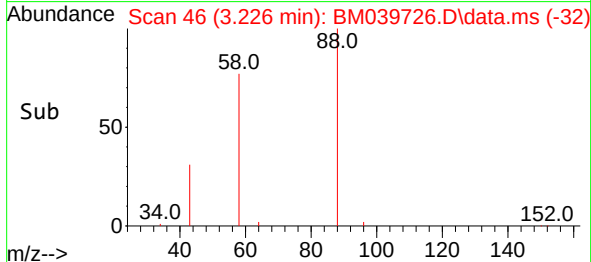
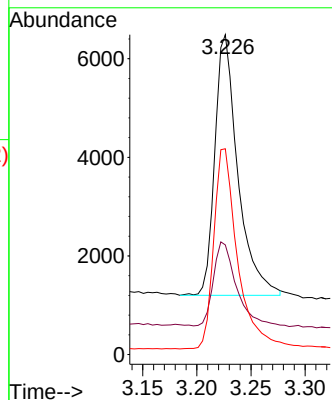
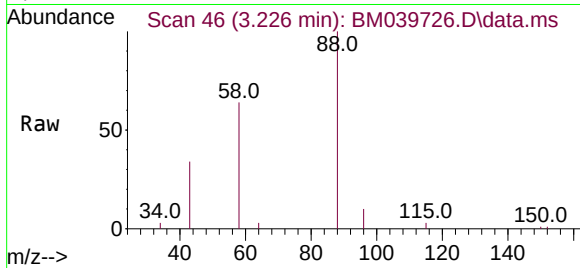




#2
 1,4-Dioxane
 Concen: 1.879 ng/ul
 RT: 3.226 min Scan# 46
 Delta R.T. -0.000 min
 Lab File: BM039726.D
 Acq: 28 Apr 2023 03:22

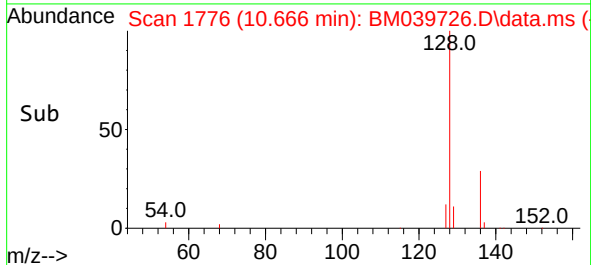
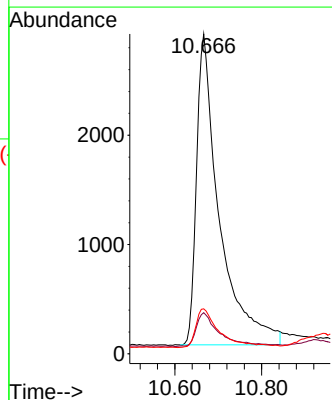
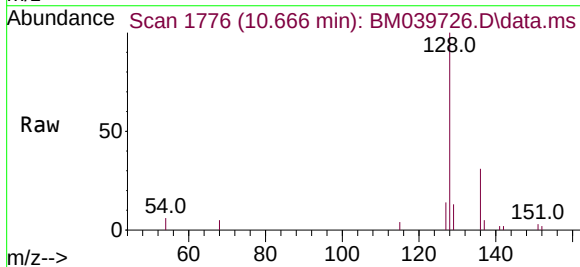
Instrument :
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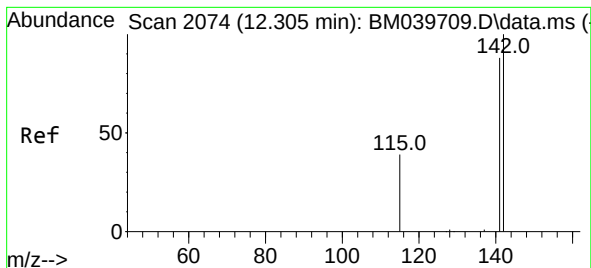
Tgt Ion: 88 Resp: 7829
 Ion Ratio Lower Upper
 88 100
 43 34.3 102.6 153.8#
 58 64.3 40.6 61.0#



#5
 Naphthalene
 Concen: 0.351 ng/ul
 RT: 10.666 min Scan# 1776
 Delta R.T. 0.005 min
 Lab File: BM039726.D
 Acq: 28 Apr 2023 03:22

Tgt Ion: 128 Resp: 10340
 Ion Ratio Lower Upper
 128 100
 129 12.9 9.8 14.6
 127 14.1 11.1 16.7

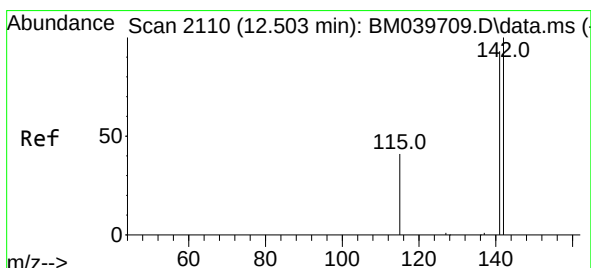
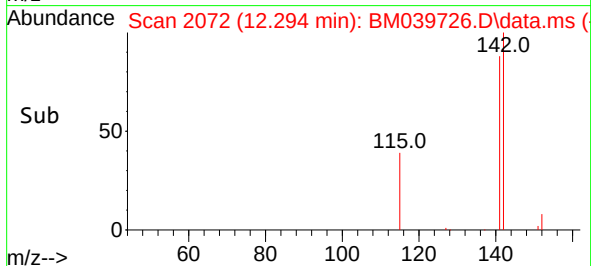
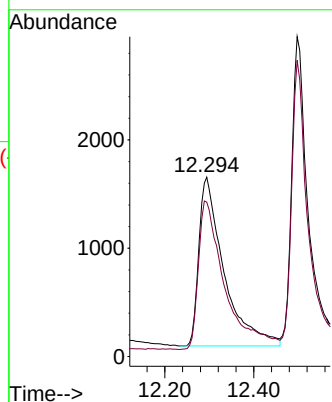
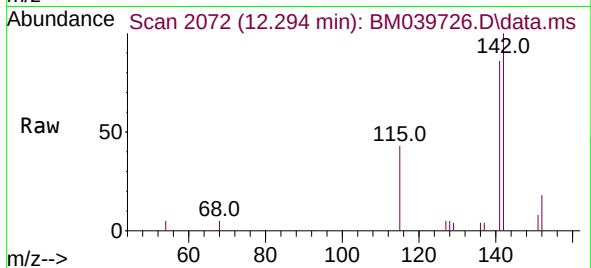




#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.294 min Scan# 2074
Delta R.T. 0.005 min
Lab File: BM039726.D
Acq: 28 Apr 2023 03:22

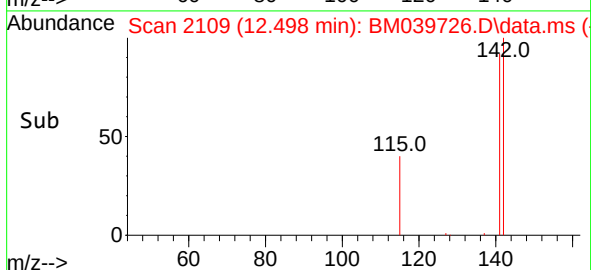
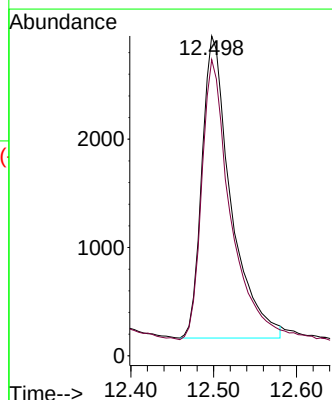
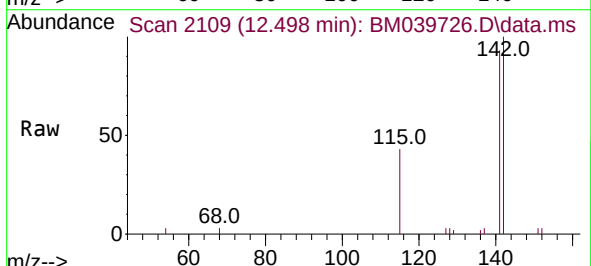
Instrument :
BNA_M
ClientSampleId :
SLCS401

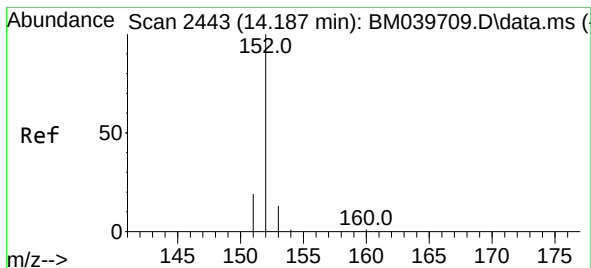
Tgt Ion:142 Resp: 6107
Ion Ratio Lower Upper
142 100
141 93.3 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.371 ng/ul
RT: 12.498 min Scan# 2109
Delta R.T. -0.000 min
Lab File: BM039726.D
Acq: 28 Apr 2023 03:22

Tgt Ion:142 Resp: 6774
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.2





#10

Acenaphthylene

Concen: 0.366 ng/ul

RT: 14.178 min Scan# 2443

Delta R.T. -0.005 min

Lab File: BM039726.D

Acq: 28 Apr 2023 03:22

Instrument :

BNA_M

ClientSampleId :

SLCS401

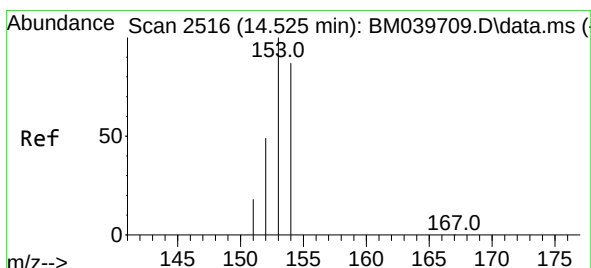
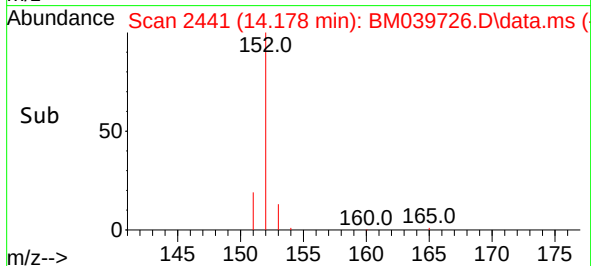
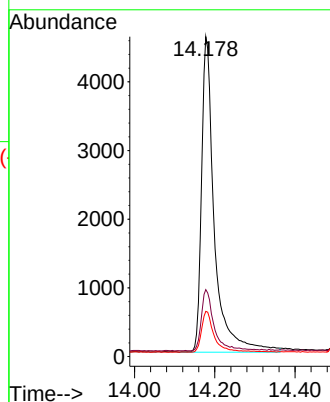
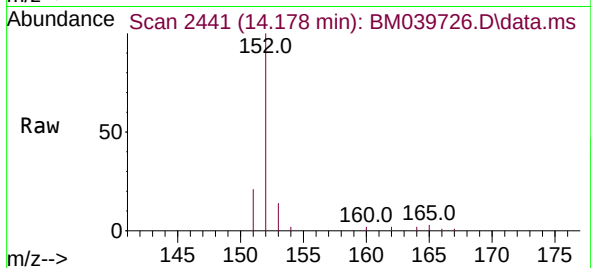
Tgt Ion:152 Resp: 10257

Ion Ratio Lower Upper

152 100

151 20.9 16.0 24.0

153 14.1 11.2 16.8



#11

Acenaphthene

Concen: 0.372 ng/ul

RT: 14.515 min Scan# 2514

Delta R.T. -0.005 min

Lab File: BM039726.D

Acq: 28 Apr 2023 03:22

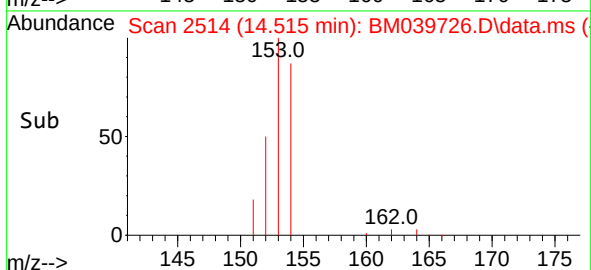
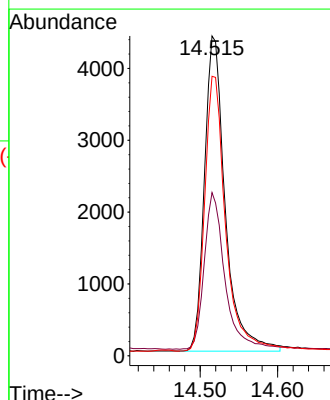
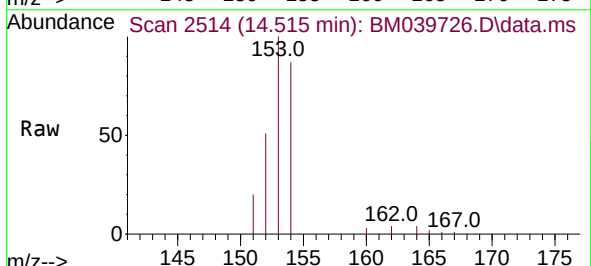
Tgt Ion:153 Resp: 8183

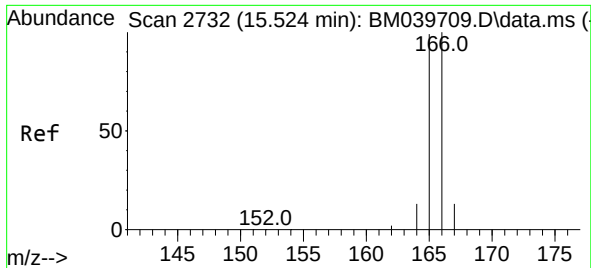
Ion Ratio Lower Upper

153 100

152 51.0 40.6 61.0

154 87.4 71.9 107.9

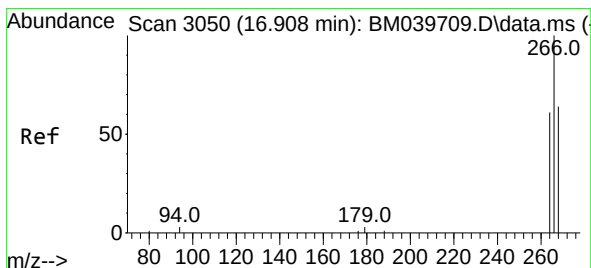
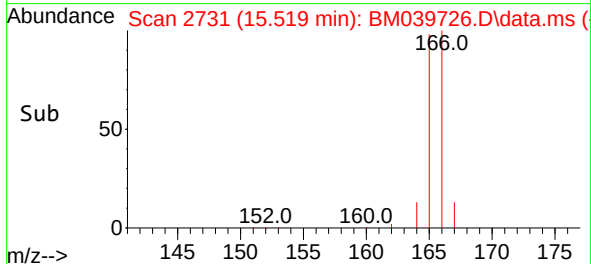
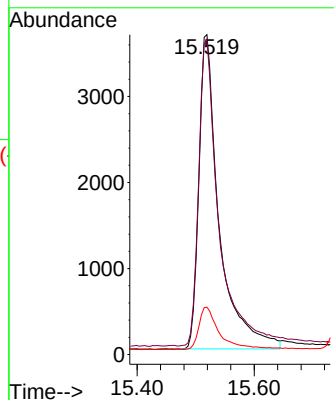
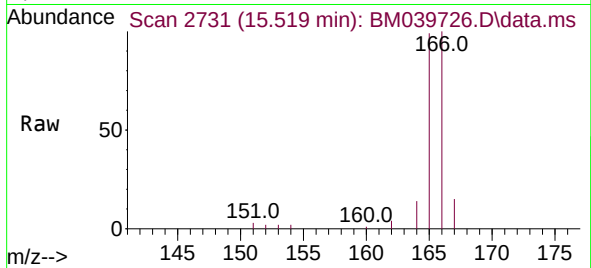




#12
 Fluorene
 Concen: 0.360 ng/ul
 RT: 15.519 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM039726.D
 Acq: 28 Apr 2023 03:22

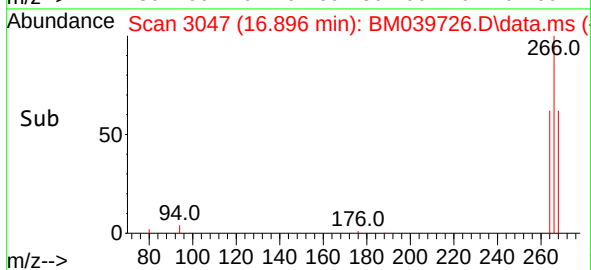
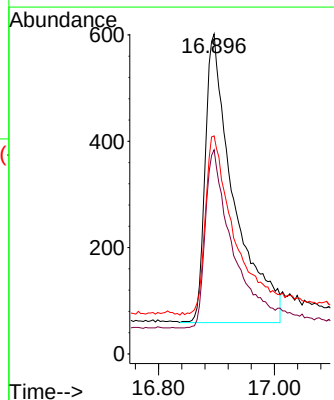
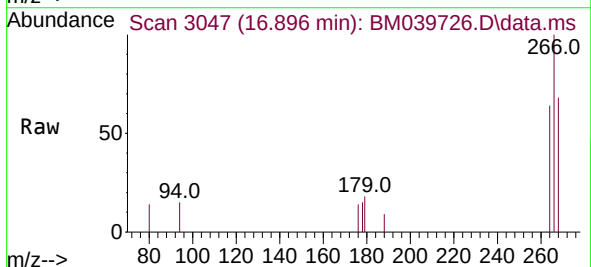
Instrument :
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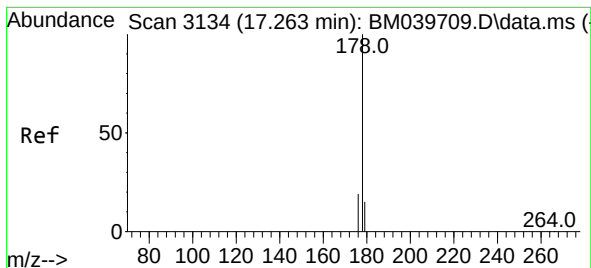
Tgt Ion:166 Resp: 8780
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.0 118.6
 167 14.8 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.602 ng/ul
 RT: 16.896 min Scan# 3047
 Delta R.T. -0.004 min
 Lab File: BM039726.D
 Acq: 28 Apr 2023 03:22

Tgt Ion:266 Resp: 1855
 Ion Ratio Lower Upper
 266 100
 264 60.5 48.8 73.2
 268 63.6 50.4 75.6





#15

Phenanthrene

Concen: 0.368 ng/ul

RT: 17.255 min Scan# 3132

Delta R.T. -0.000 min

Lab File: BM039726.D

Acq: 28 Apr 2023 03:22

Instrument :

BNA_M

ClientSampleId :

SLCS401

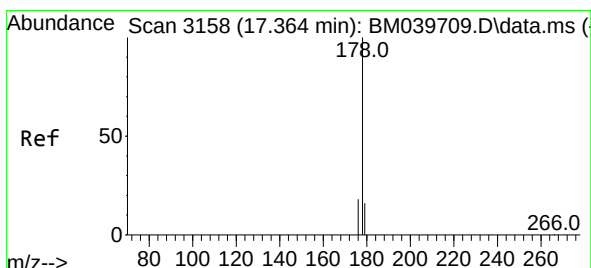
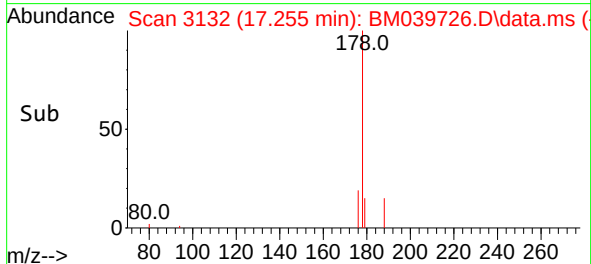
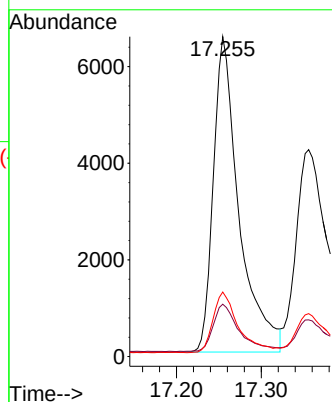
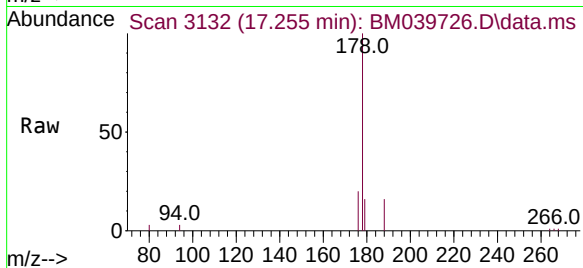
Tgt Ion:178 Resp: 13706

Ion Ratio Lower Upper

178 100

179 16.4 13.0 19.6

176 20.1 15.8 23.8



#16

Anthracene

Concen: 0.347 ng/ul

RT: 17.356 min Scan# 3156

Delta R.T. -0.000 min

Lab File: BM039726.D

Acq: 28 Apr 2023 03:22

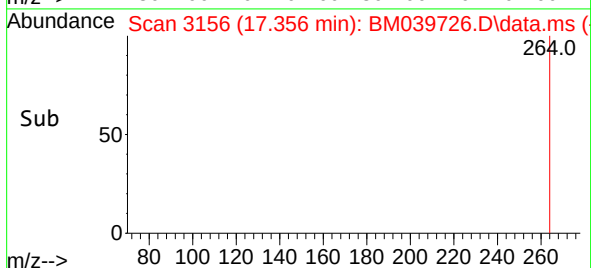
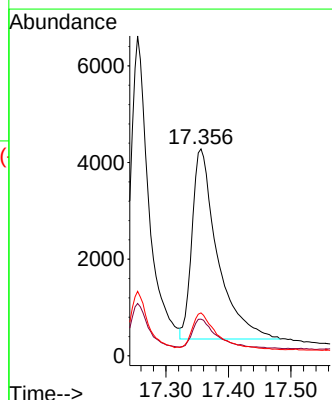
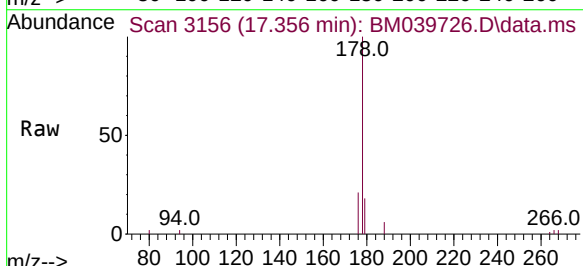
Tgt Ion:178 Resp: 11110

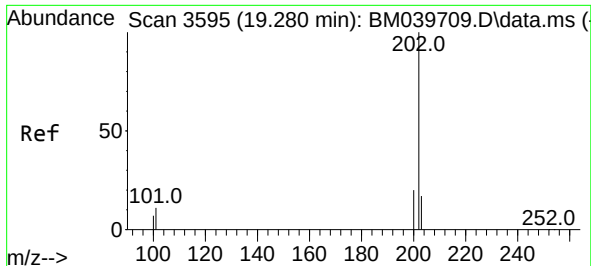
Ion Ratio Lower Upper

178 100

179 17.7 13.8 20.6

176 20.7 15.8 23.8

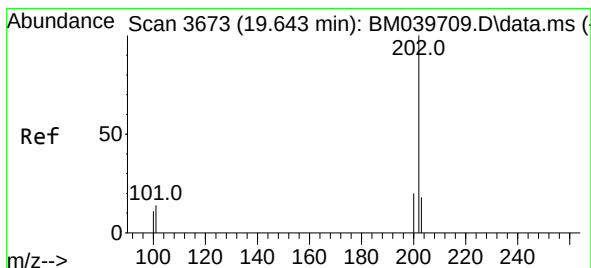
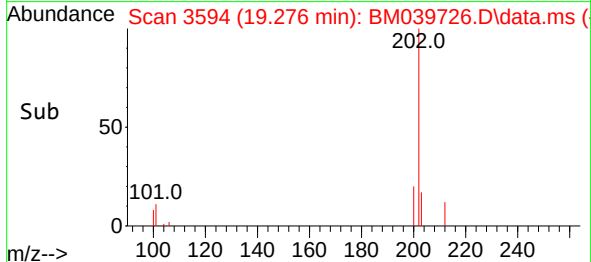
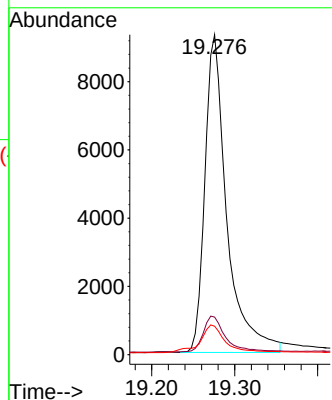
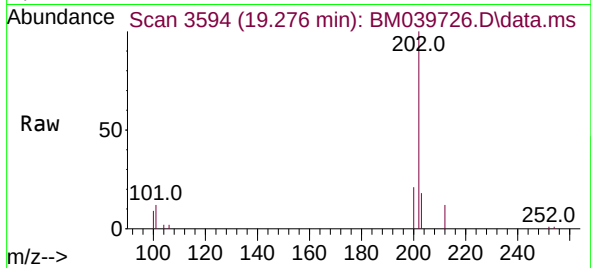




#19
Fluoranthene
Concen: 0.386 ng/ul
RT: 19.276 min Scan# 3594
Delta R.T. -0.000 min
Lab File: BM039726.D
Acq: 28 Apr 2023 03:22

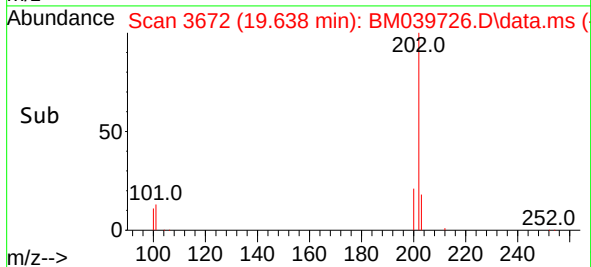
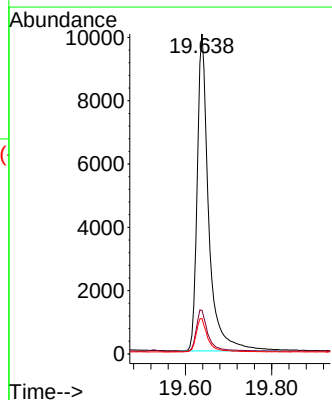
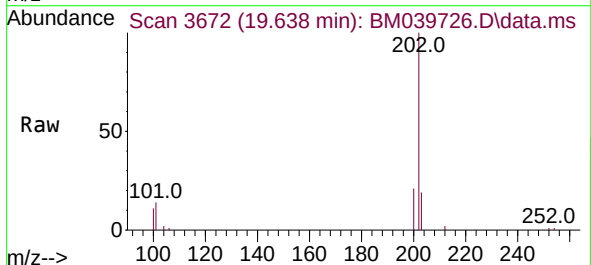
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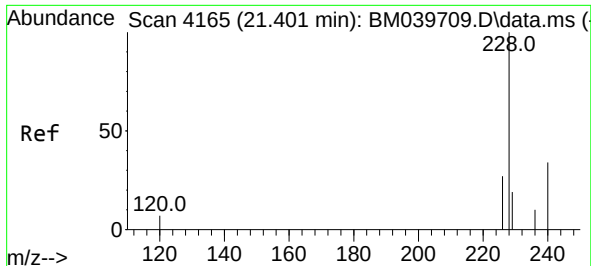
Tgt Ion:202 Resp: 17089
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.8
100 8.9 7.3 10.9



#20
Pyrene
Concen: 0.389 ng/ul
RT: 19.638 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BM039726.D
Acq: 28 Apr 2023 03:22

Tgt Ion:202 Resp: 18595
Ion Ratio Lower Upper
202 100
101 13.6 10.9 16.3
100 11.1 8.9 13.3

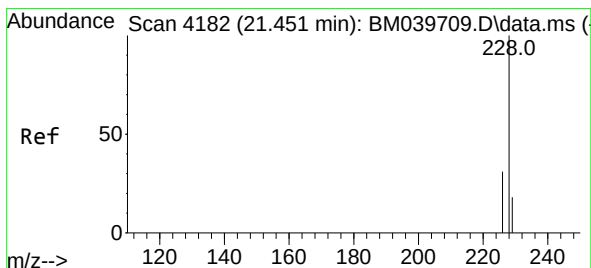
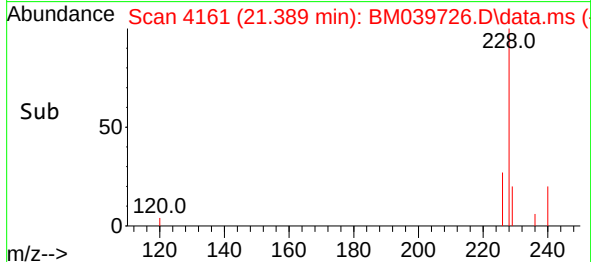
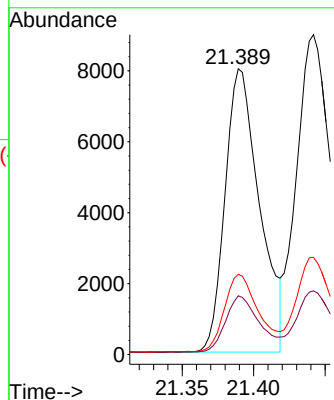
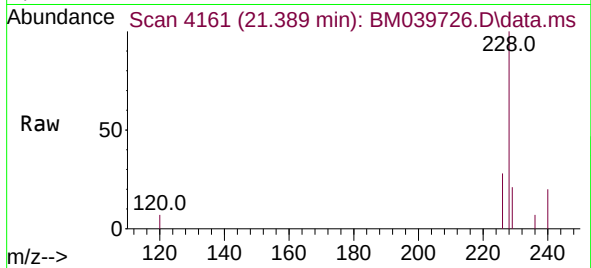




#21
Benzo(a)anthracene
Concen: 0.376 ng/ul
RT: 21.389 min Scan# 4161
Delta R.T. -0.007 min
Lab File: BM039726.D
Acq: 28 Apr 2023 03:22

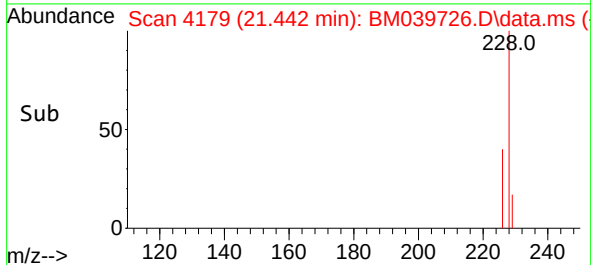
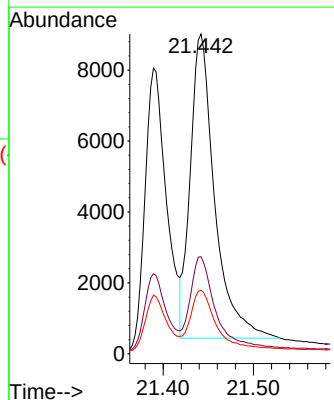
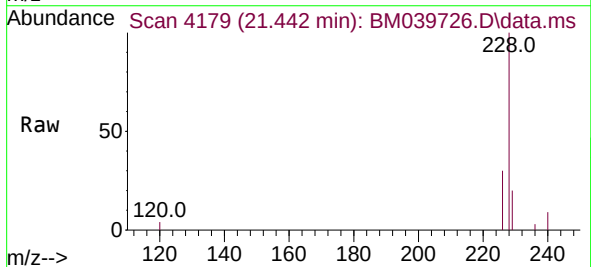
Instrument :
BNA_M
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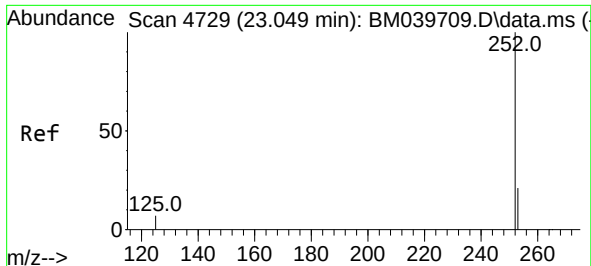
Tgt Ion:228 Resp: 13413
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 28.1 21.6 32.4



#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.442 min Scan# 4179
Delta R.T. -0.004 min
Lab File: BM039726.D
Acq: 28 Apr 2023 03:22

Tgt Ion:228 Resp: 16084
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 19.9 15.9 23.9

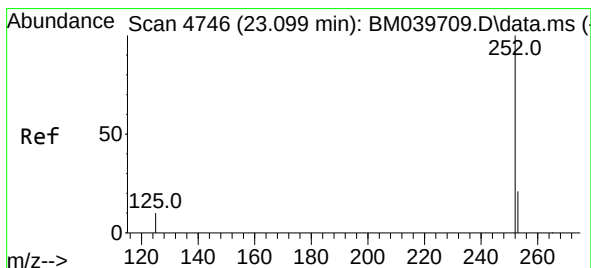
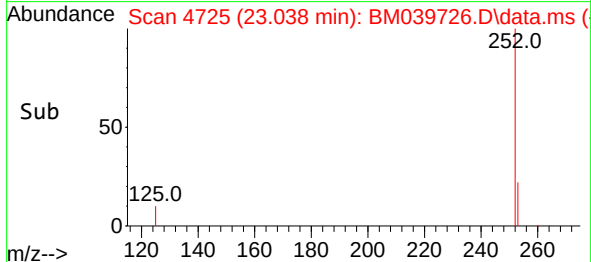
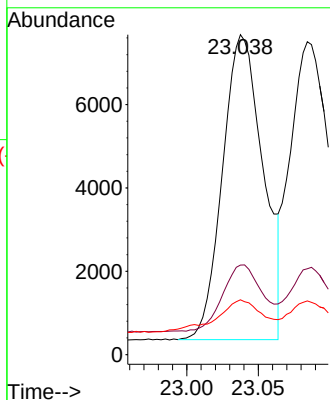
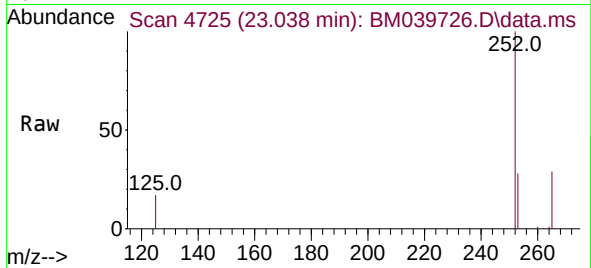




#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 23.038 min Scan# 4725
Delta R.T. -0.007 min
Lab File: BM039726.D
Acq: 28 Apr 2023 03:22

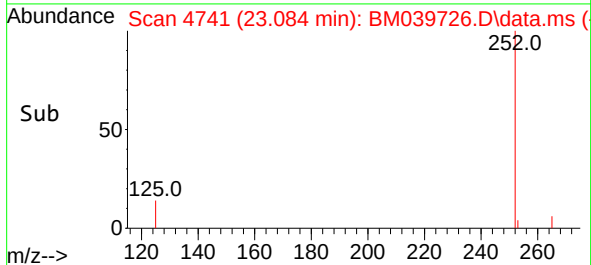
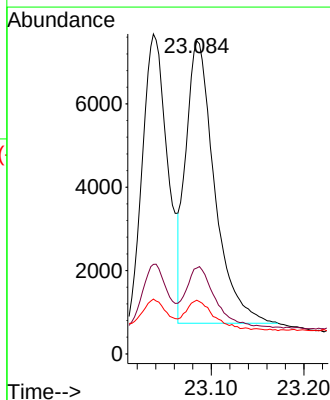
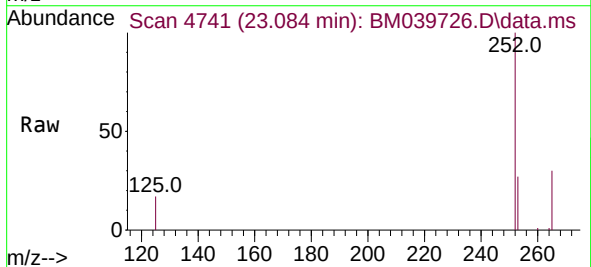
Instrument :
BNA_M
ClientSampleId :
SLCS401

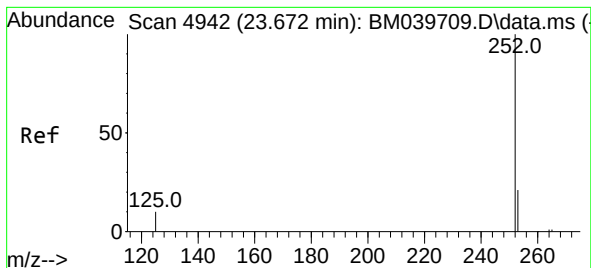
Tgt Ion:252	Resp:	14474
Ion Ratio	Lower	Upper
252	100	
253	28.0	0.0 52.8
125	17.1	0.0 31.6



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 23.084 min Scan# 4741
Delta R.T. -0.010 min
Lab File: BM039726.D
Acq: 28 Apr 2023 03:22

Tgt Ion:252	Resp:	14597
Ion Ratio	Lower	Upper
252	100	
253	27.4	21.3 31.9
125	17.1	13.0 19.6





#26

Benzo(a)pyrene

Concen: 0.373 ng/ul

RT: 23.654 min Scan# 4936

Delta R.T. -0.010 min

Lab File: BM039726.D

Acq: 28 Apr 2023 03:22

Instrument :

BNA_M

ClientSampleId :

SLCS401

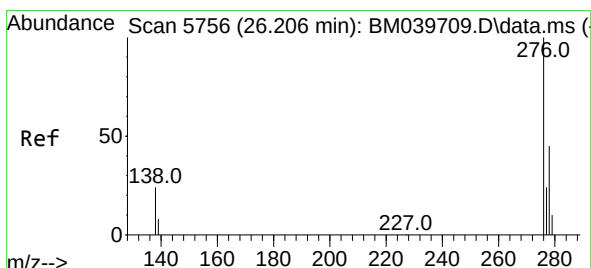
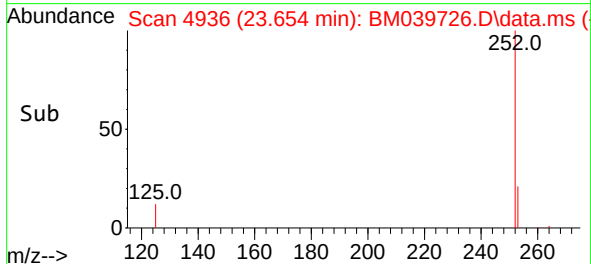
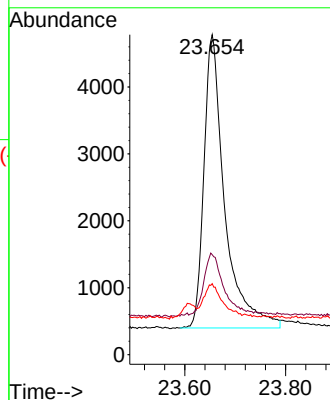
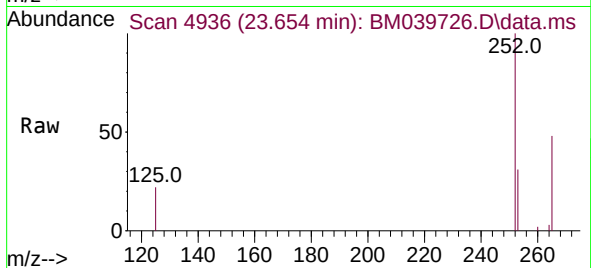
Tgt Ion:252 Resp: 12508

Ion Ratio Lower Upper

252 100

253 31.3 24.7 37.1

125 22.2 16.5 24.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.352 ng/ul

RT: 26.189 min Scan# 5751

Delta R.T. -0.012 min

Lab File: BM039726.D

Acq: 28 Apr 2023 03:22

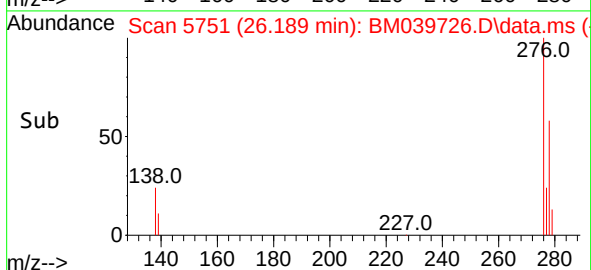
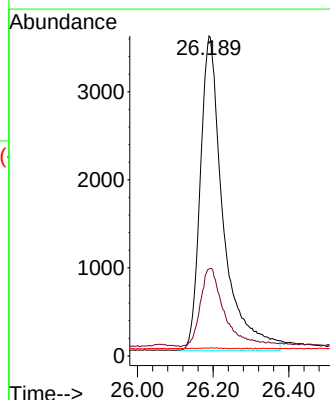
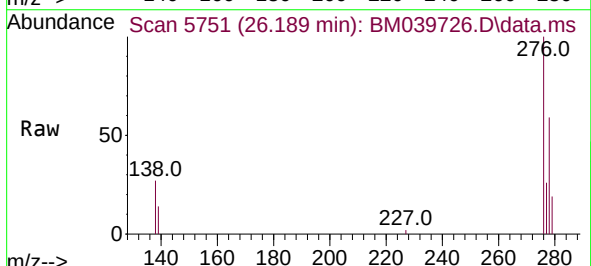
Tgt Ion:276 Resp: 14935

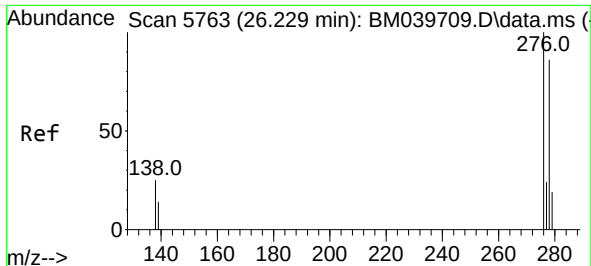
Ion Ratio Lower Upper

276 100

138 25.9 21.1 31.7

227 0.1 0.1 0.1#

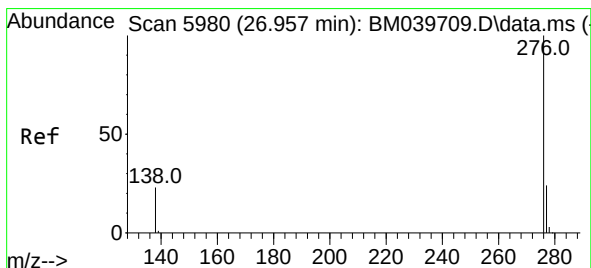
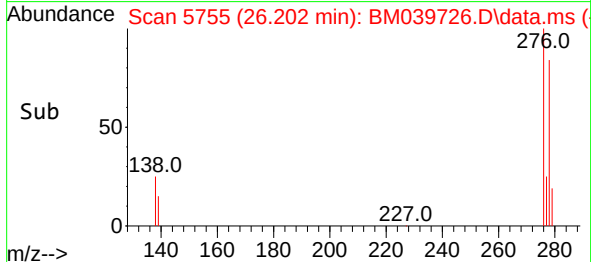
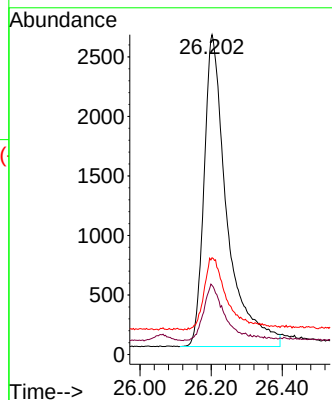
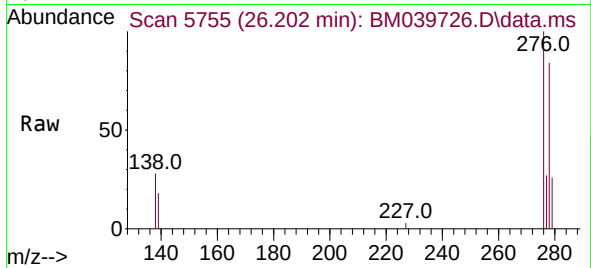




#28
Dibenzo(a,h)anthracene
Concen: 0.356 ng/ul
RT: 26.202 min Scan# 51
Delta R.T. -0.015 min
Lab File: BM039726.D
Acq: 28 Apr 2023 03:22

Instrument :
BNA_M
ClientSampleId :
SLCS401

Tgt Ion:278 Resp: 11720
Ion Ratio Lower Upper
278 100
139 21.6 17.0 25.6
279 30.3 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 26.934 min Scan# 5973
Delta R.T. -0.015 min
Lab File: BM039726.D
Acq: 28 Apr 2023 03:22

Tgt Ion:276 Resp: 13010
Ion Ratio Lower Upper
276 100
138 24.5 20.1 30.1
277 25.7 20.1 30.1

