

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039705.D
 Acq On : 27 Apr 2023 13:00
 Operator : CG/JU
 Sample : SSTD3.251
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD3.2027

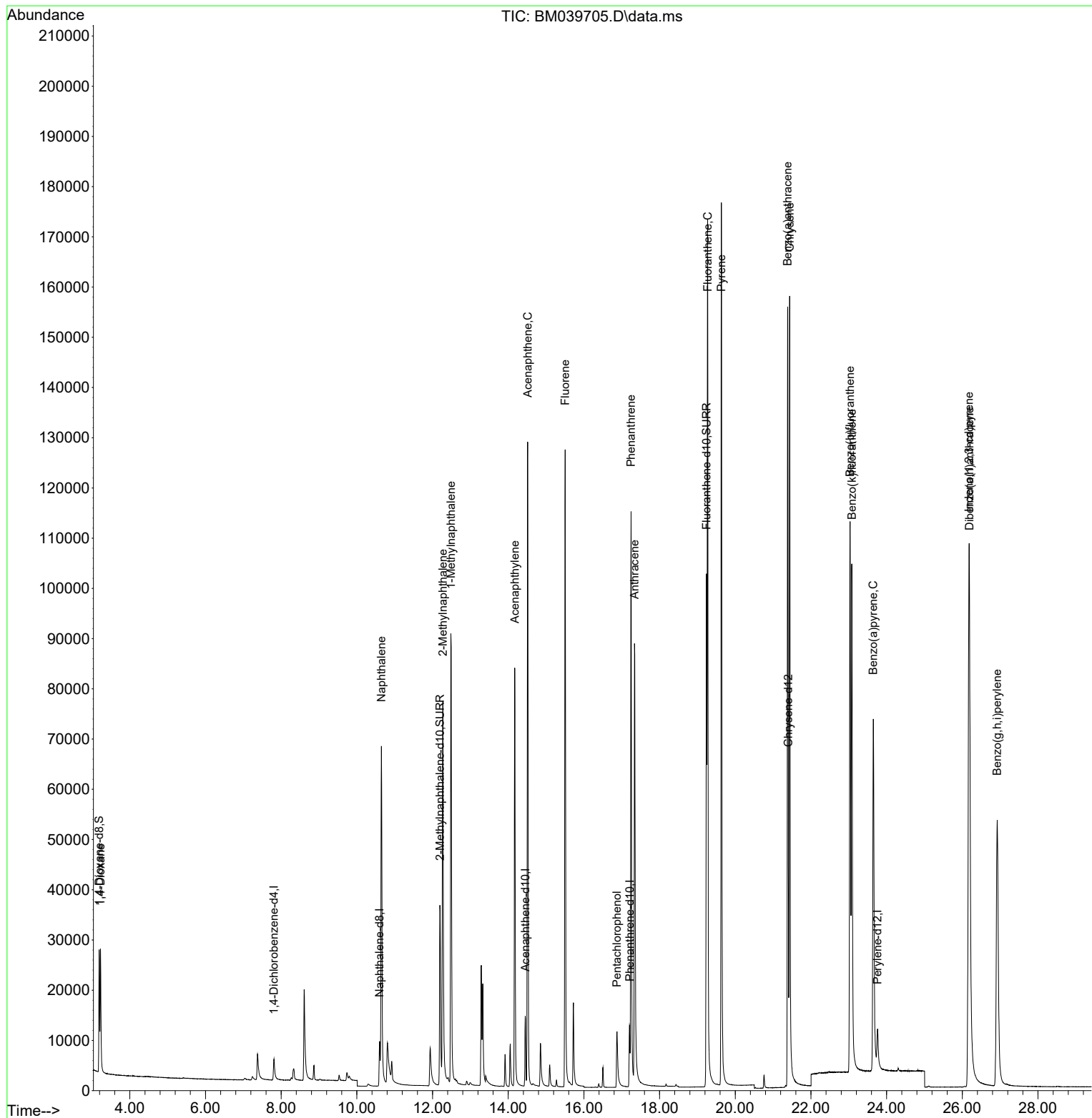
Quant Time: Apr 27 22:37:11 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 16:04:50 2023
 Response via : Initial Calibration

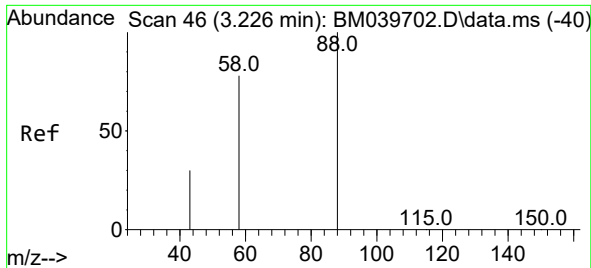
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	3772	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.599	136	14010	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.449	164	8190	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.207	188	16283	0.400	ng/ul	0.00
17) Chrysene-d12	21.400	240	15362	0.400	ng/ul	0.00
23) Perylene-d12	23.759	264	12536	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.189	96	15319	2.756	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	57370	3.192	ng/ul	-0.02
18) Fluoranthene-d10	19.237	212	122062	2.953	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.226	88	16379	2.844	ng/ul#	38
5) Naphthalene	10.649	128	106011	3.013	ng/ul	97
7) 2-Methylnaphthalene	12.271	142	65778	3.240	ng/ul	98
8) 1-Methylnaphthalene	12.485	142	68804	3.159	ng/ul	100
10) Acenaphthylene	14.172	152	102600	3.237	ng/ul	98
11) Acenaphthene	14.514	153	76464	3.071	ng/ul	98
12) Fluorene	15.504	166	87183	3.156	ng/ul	99
14) Pentachlorophenol	16.873	266	12158	3.426	ng/ul	98
15) Phenanthrene	17.245	178	133027	3.101	ng/ul	98
16) Anthracene	17.338	178	120590	3.274	ng/ul	97
19) Fluoranthene	19.270	202	158640	2.895	ng/ul	97
20) Pyrene	19.632	202	165308	2.793	ng/ul	100
21) Benzo(a)anthracene	21.382	228	144653	3.275	ng/ul	99
22) Chrysene	21.438	228	145402	2.909	ng/ul	99
24) Benzo(b)fluoranthene	23.033	252	146680	3.332	ng/ul	91
25) Benzo(k)fluoranthene	23.080	252	147132	3.282	ng/ul#	90
26) Benzo(a)pyrene	23.647	252	127821	3.234	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.174	276	159988	3.201	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.188	278	124704	3.215	ng/ul	91

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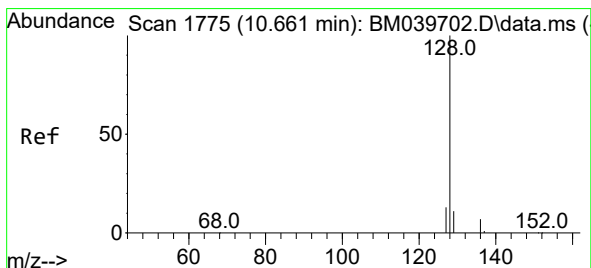
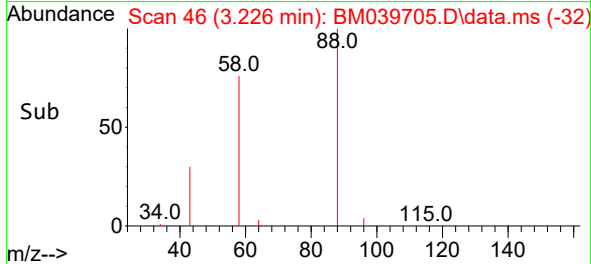
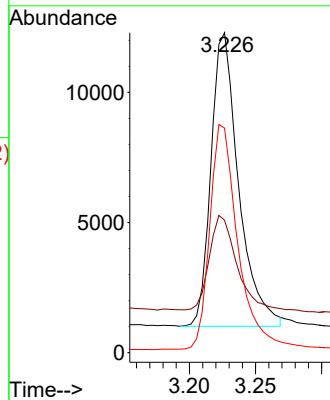
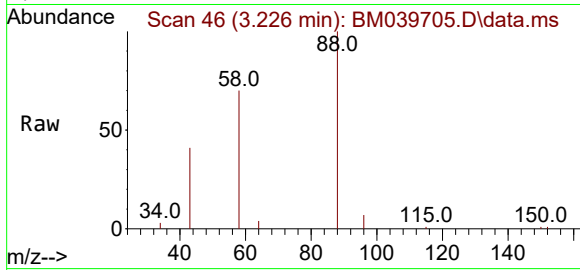




#2
1,4-Dioxane
Concen: 2.844 ng/ul
RT: 3.226 min Scan# 46
Delta R.T. -0.000 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

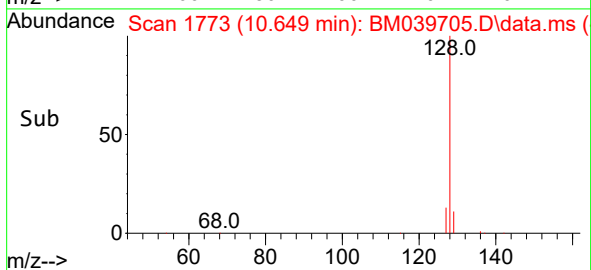
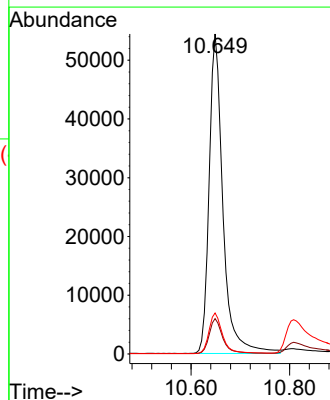
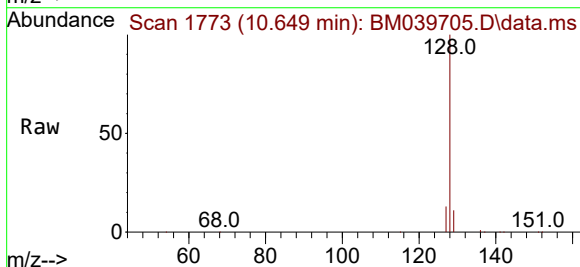
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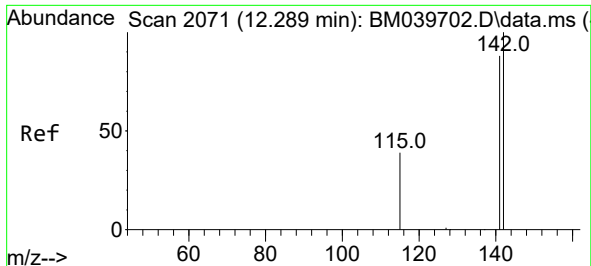
Tgt Ion: 88 Resp: 16379
Ion Ratio Lower Upper
88 100
43 41.4 102.6 153.8#
58 70.2 40.6 61.0#



#5
Naphthalene
Concen: 3.013 ng/ul
RT: 10.649 min Scan# 1773
Delta R.T. -0.012 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

Tgt Ion: 128 Resp: 106011
Ion Ratio Lower Upper
128 100
129 11.1 9.8 14.6
127 12.8 11.1 16.7

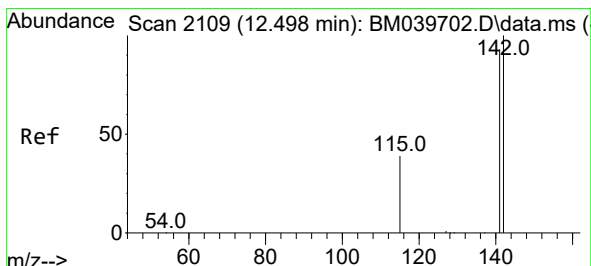
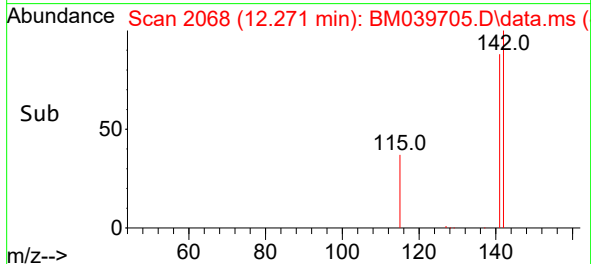
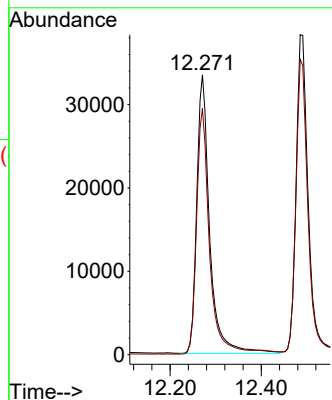
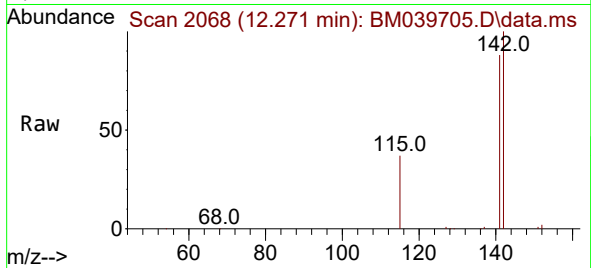




#7
2-Methylnaphthalene
Concen: 3.240 ng/ul
RT: 12.271 min Scan# 2071
Delta R.T. -0.018 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

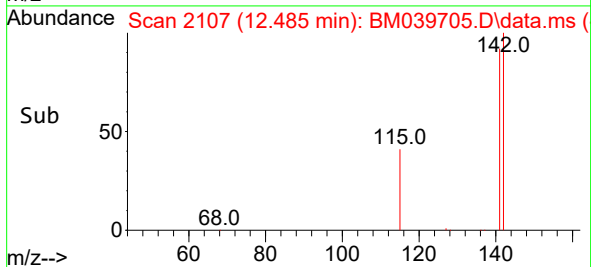
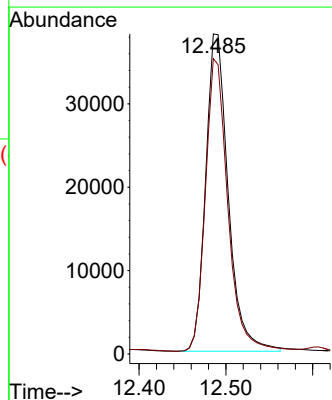
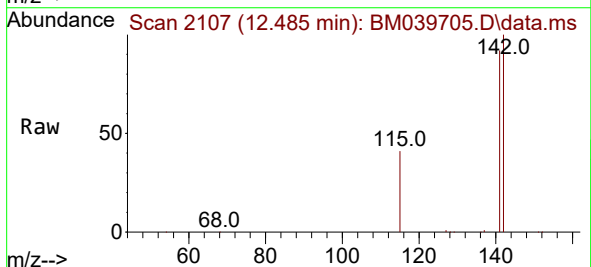
Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

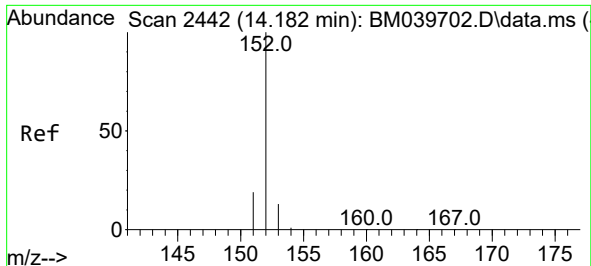
Tgt Ion:142 Resp: 65778
Ion Ratio Lower Upper
142 100
141 89.3 73.2 109.8



#8
1-Methylnaphthalene
Concen: 3.159 ng/ul
RT: 12.485 min Scan# 2107
Delta R.T. -0.012 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

Tgt Ion:142 Resp: 68804
Ion Ratio Lower Upper
142 100
141 91.4 73.4 110.2

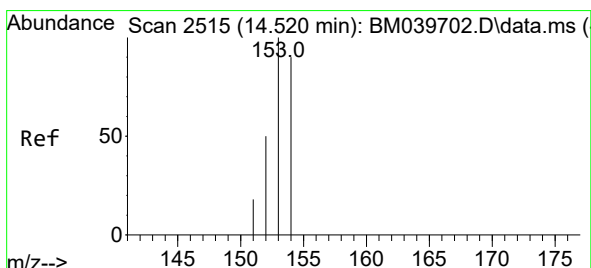
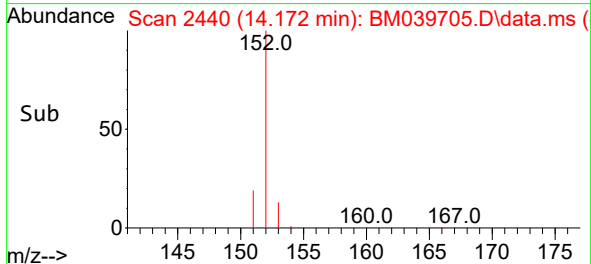
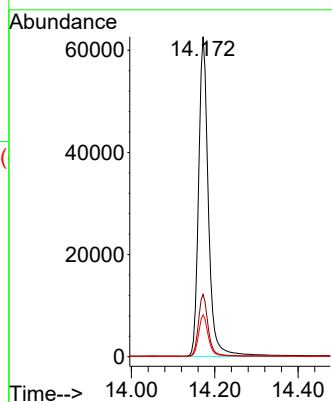
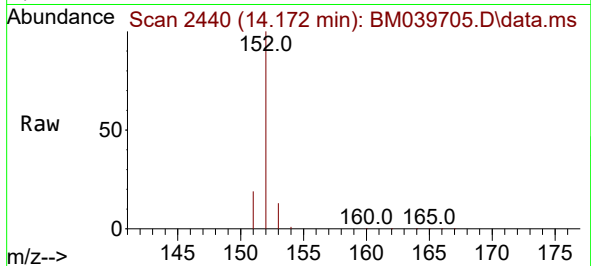




#10
Acenaphthylene
Concen: 3.237 ng/ul
RT: 14.172 min Scan# 2442
Delta R.T. -0.011 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

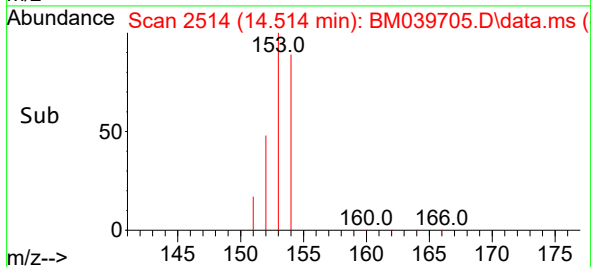
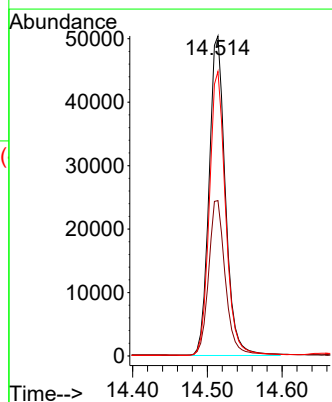
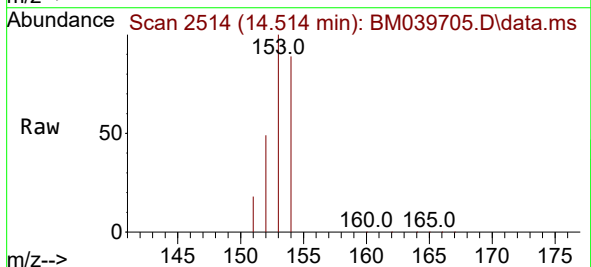
Instrument :
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ClientSampleId :
SSTD3.2027

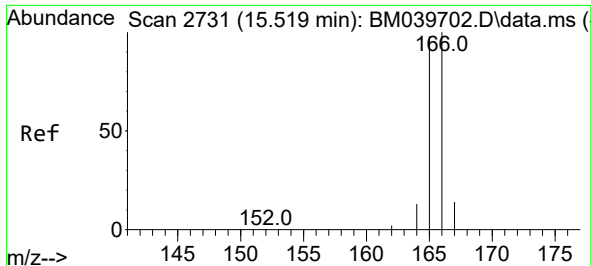
Tgt Ion:152 Resp: 102600
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.1 11.2 16.8



#11
Acenaphthene
Concen: 3.071 ng/ul
RT: 14.514 min Scan# 2514
Delta R.T. -0.006 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

Tgt Ion:153 Resp: 76464
Ion Ratio Lower Upper
153 100
152 48.5 40.6 61.0
154 88.9 71.9 107.9

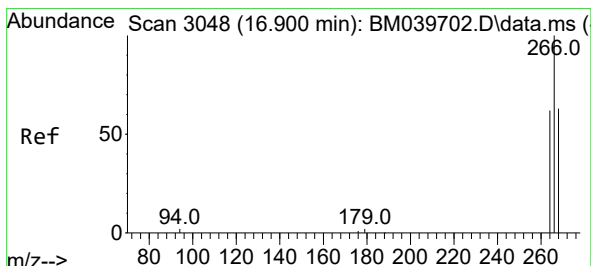
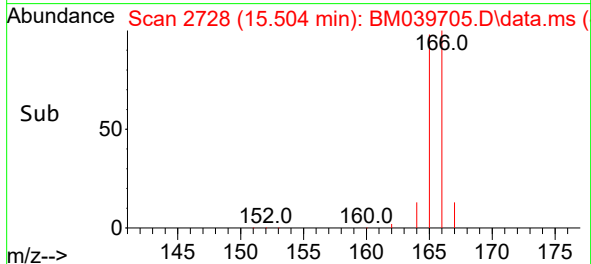
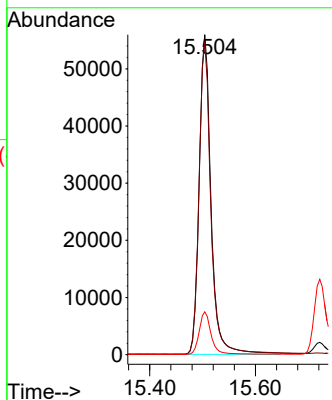
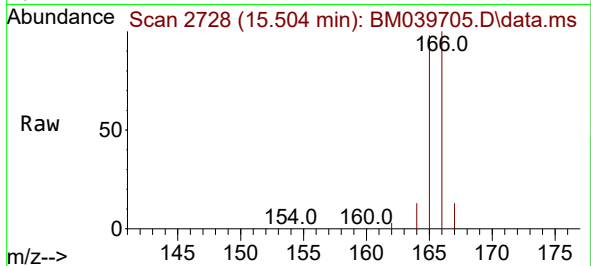




#12
Fluorene
Concen: 3.156 ng/ul
RT: 15.504 min Scan# 21
Delta R.T. -0.015 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

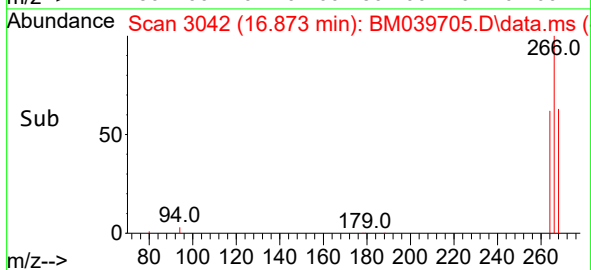
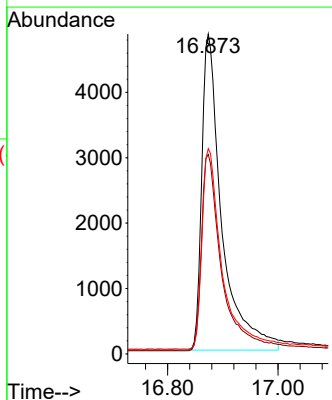
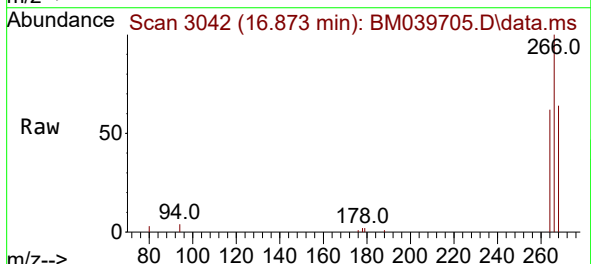
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ClientSampleId :
SSTD3.2027

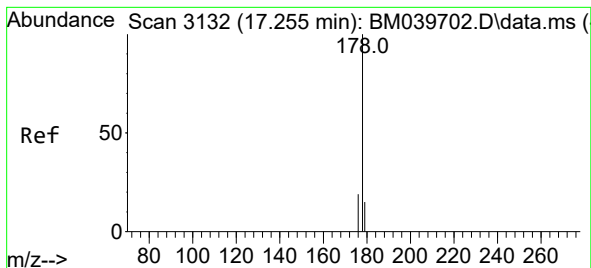
Tgt Ion:166 Resp: 87183
Ion Ratio Lower Upper
166 100
165 97.7 79.0 118.6
167 13.4 11.8 17.6



#14
Pentachlorophenol
Concen: 3.426 ng/ul
RT: 16.873 min Scan# 3042
Delta R.T. -0.027 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

Tgt Ion:266 Resp: 12158
Ion Ratio Lower Upper
266 100
264 62.6 48.8 73.2
268 64.1 50.4 75.6





#15

Phenanthrene

Concen: 3.101 ng/ul

RT: 17.245 min Scan# 3130

Delta R.T. -0.010 min

Lab File: BM039705.D

Acq: 27 Apr 2023 13:00

Instrument :

BNA_M

ClientSampleId :

SSTD3.2027

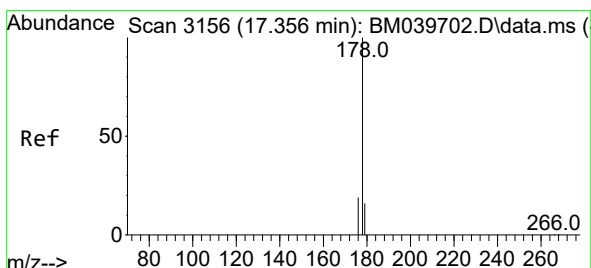
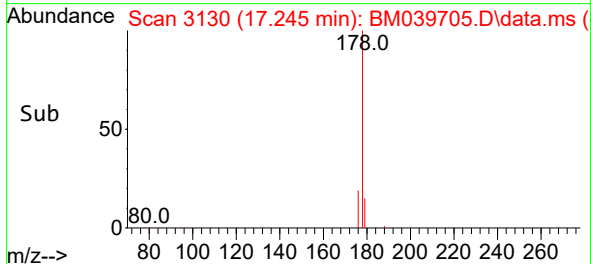
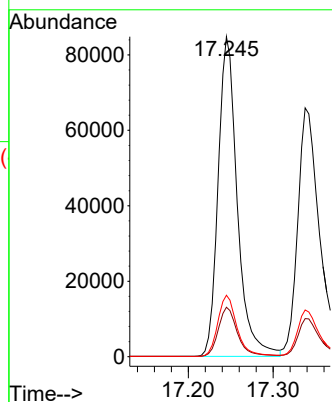
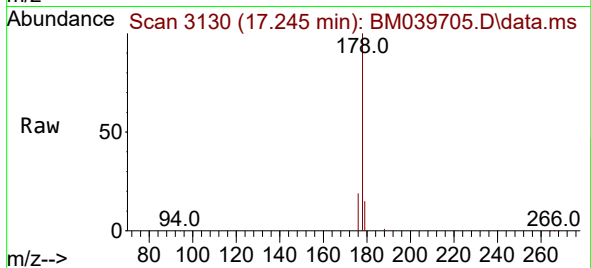
Tgt Ion:178 Resp: 133027

Ion Ratio Lower Upper

178 100

179 15.5 13.0 19.6

176 19.2 15.8 23.8



#16

Anthracene

Concen: 3.274 ng/ul

RT: 17.338 min Scan# 3152

Delta R.T. -0.018 min

Lab File: BM039705.D

Acq: 27 Apr 2023 13:00

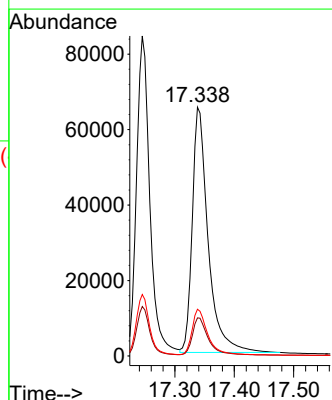
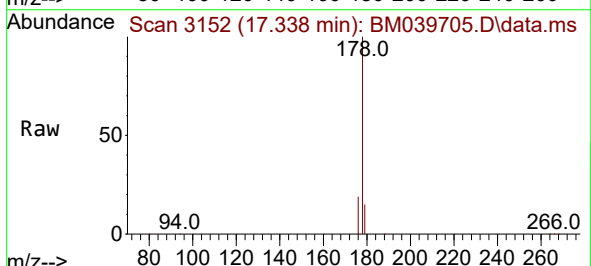
Tgt Ion:178 Resp: 120590

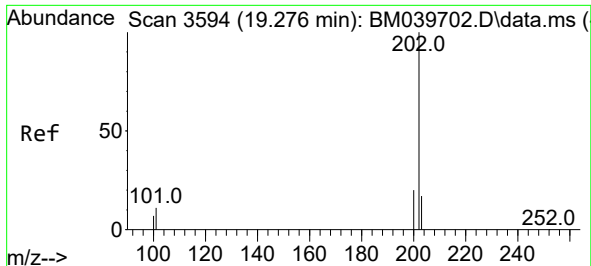
Ion Ratio Lower Upper

178 100

179 15.3 13.8 20.6

176 18.8 15.8 23.8

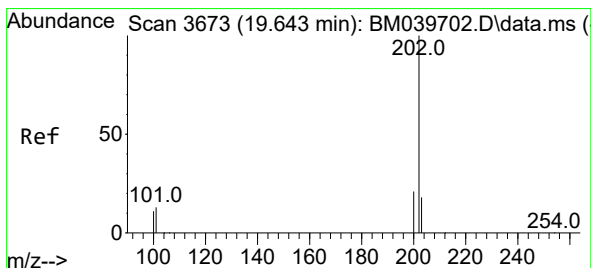
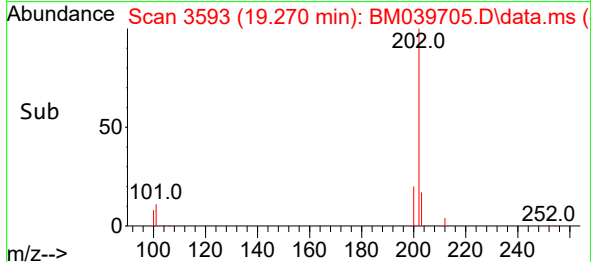
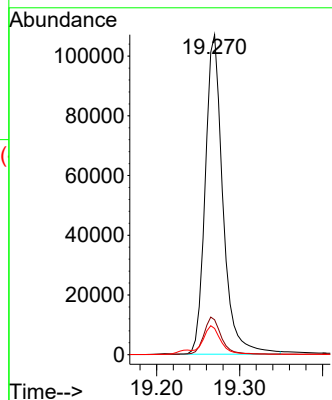
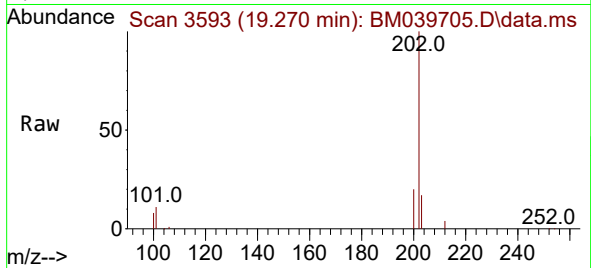




#19
Fluoranthene
Concen: 2.895 ng/ul
RT: 19.270 min Scan# 3594
Delta R.T. -0.006 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

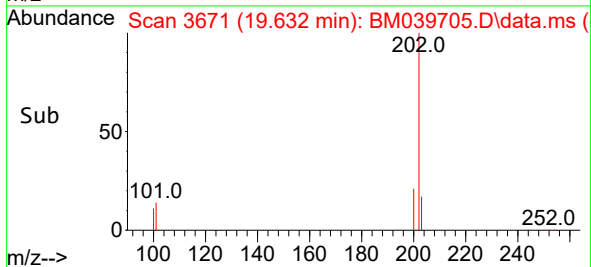
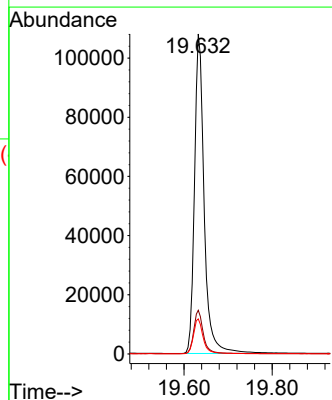
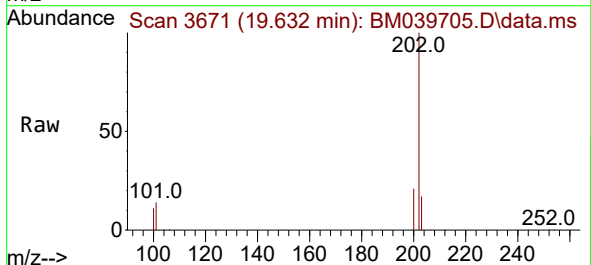
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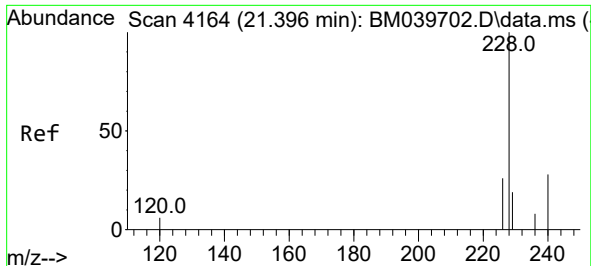
Tgt Ion:202 Resp: 158640
Ion Ratio Lower Upper
202 100
101 10.9 9.8 14.8
100 8.2 7.3 10.9



#20
Pyrene
Concen: 2.793 ng/ul
RT: 19.632 min Scan# 3671
Delta R.T. -0.011 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

Tgt Ion:202 Resp: 165308
Ion Ratio Lower Upper
202 100
101 13.6 10.9 16.3
100 11.0 8.9 13.3

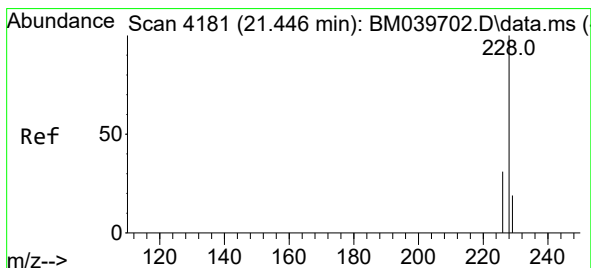
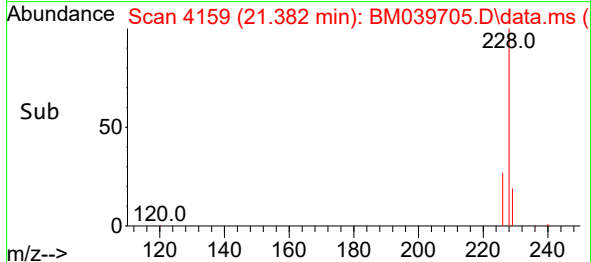
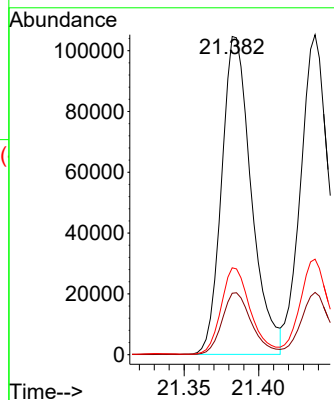
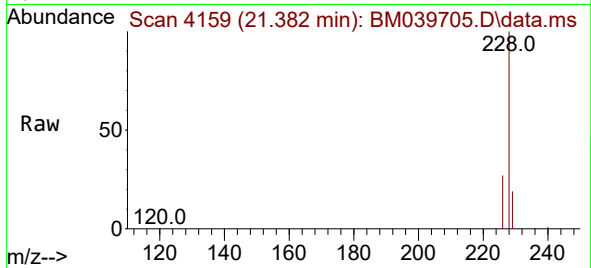




#21
Benzo(a)anthracene
Concen: 3.275 ng/ul
RT: 21.382 min Scan# 4164
Delta R.T. -0.014 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

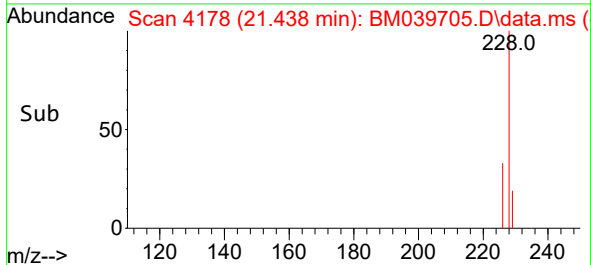
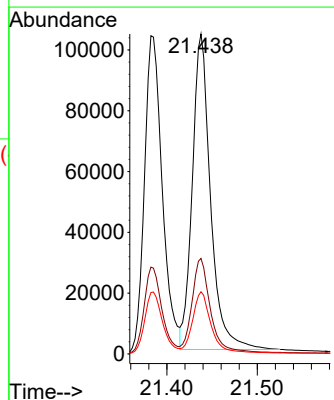
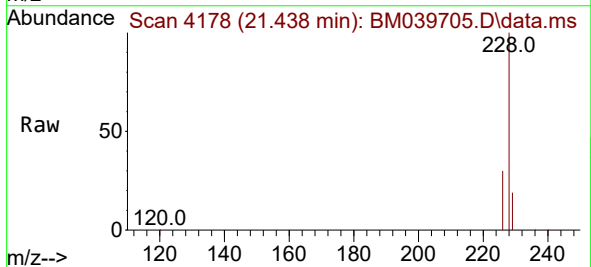
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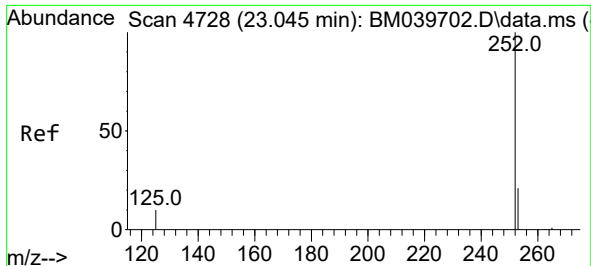
Tgt Ion:228 Resp: 144653
Ion Ratio Lower Upper
228 100
229 19.3 16.2 24.2
226 27.3 21.6 32.4



#22
Chrysene
Concen: 2.909 ng/ul
RT: 21.438 min Scan# 4178
Delta R.T. -0.008 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

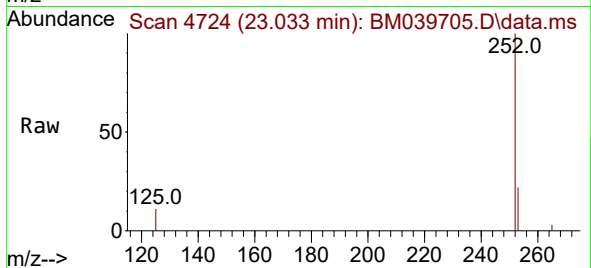
Tgt Ion:228 Resp: 145402
Ion Ratio Lower Upper
228 100
226 29.9 24.3 36.5
229 19.5 15.9 23.9



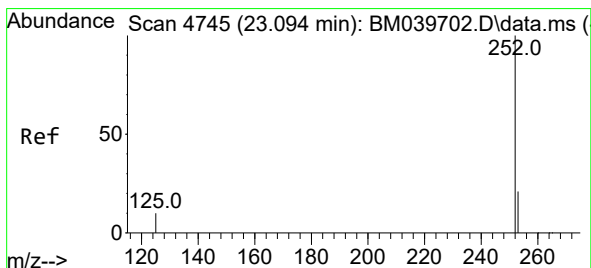
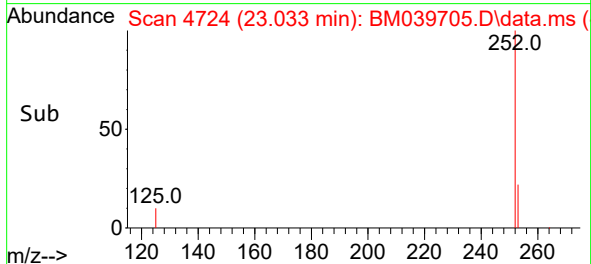
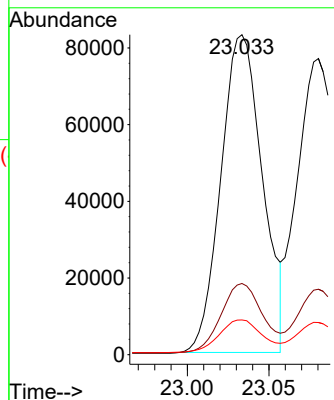


#24
Benzo(b)fluoranthene
Concen: 3.332 ng/ul
RT: 23.033 min Scan# 4724
Delta R.T. -0.011 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

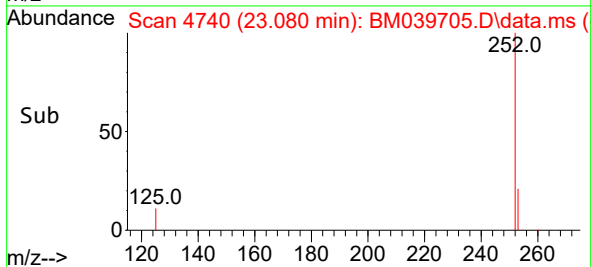
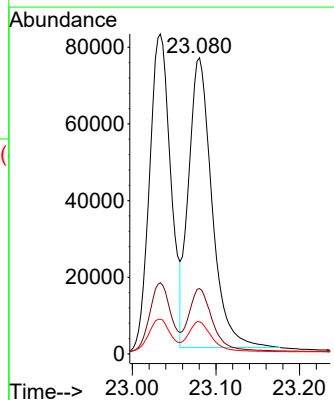
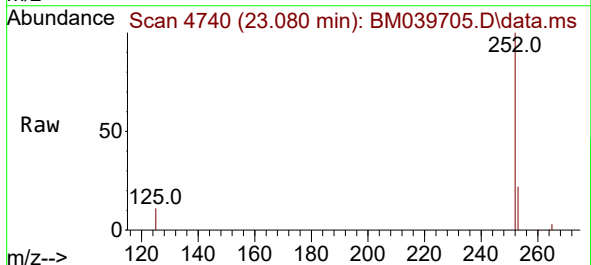


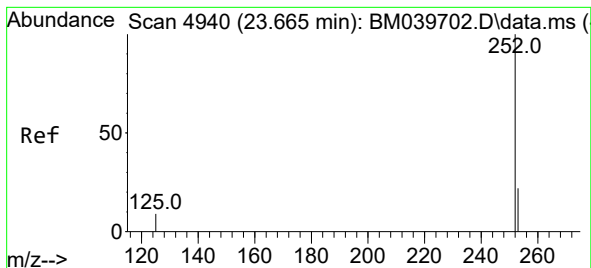
Tgt Ion:252 Resp: 146680
Ion Ratio Lower Upper
252 100
253 22.2 0.0 52.8
125 10.9 0.0 31.6



#25
Benzo(k)fluoranthene
Concen: 3.282 ng/ul
RT: 23.080 min Scan# 4740
Delta R.T. -0.014 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

Tgt Ion:252 Resp: 147132
Ion Ratio Lower Upper
252 100
253 22.1 21.3 31.9
125 10.9 13.0 19.6#





#26

Benzo(a)pyrene

Concen: 3.234 ng/ul

RT: 23.647 min Scan# 4940

Delta R.T. -0.017 min

Lab File: BM039705.D

Acq: 27 Apr 2023 13:00

Instrument :

BNA_M

ClientSampleId :

SSTD3.2027

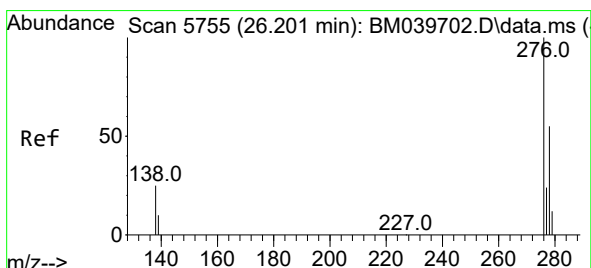
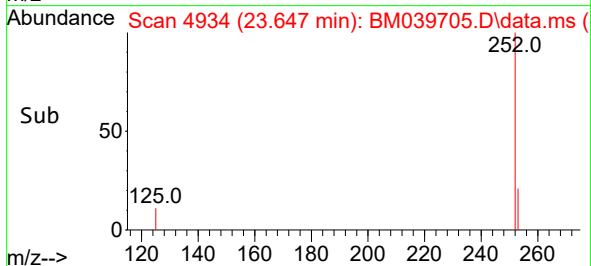
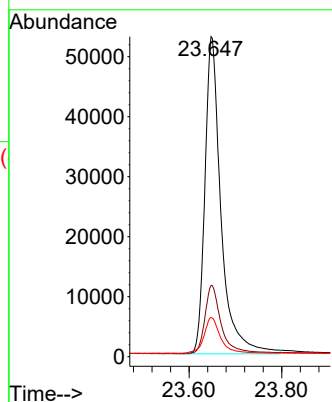
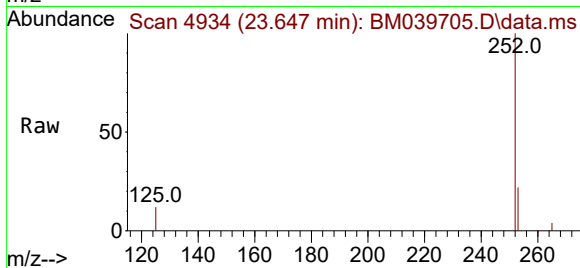
Tgt Ion:252 Resp: 127821

Ion Ratio Lower Upper

252 100

253 22.3 24.7 37.1#

125 12.3 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 3.201 ng/ul

RT: 26.174 min Scan# 5747

Delta R.T. -0.026 min

Lab File: BM039705.D

Acq: 27 Apr 2023 13:00

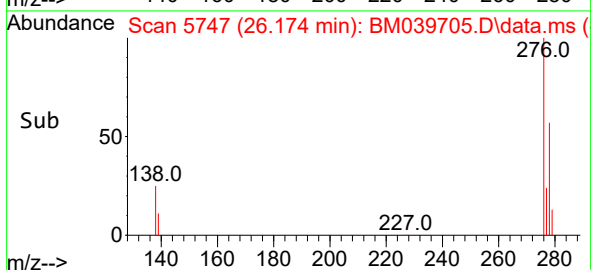
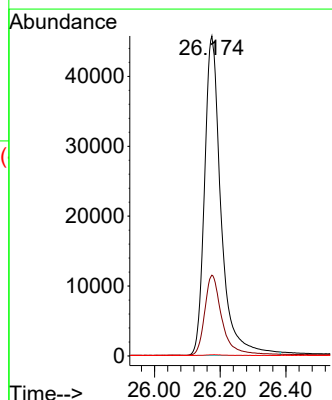
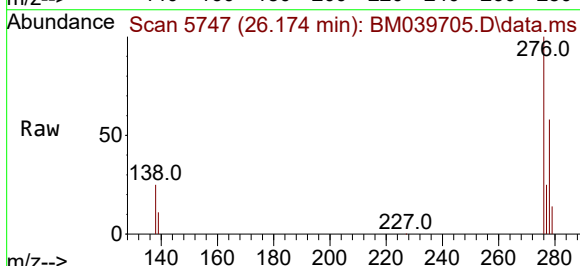
Tgt Ion:276 Resp: 159988

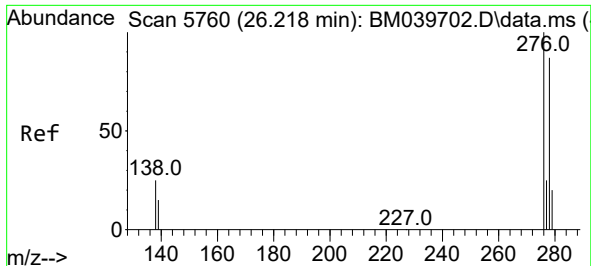
Ion Ratio Lower Upper

276 100

138 26.2 21.1 31.7

227 0.2 0.1 0.1#

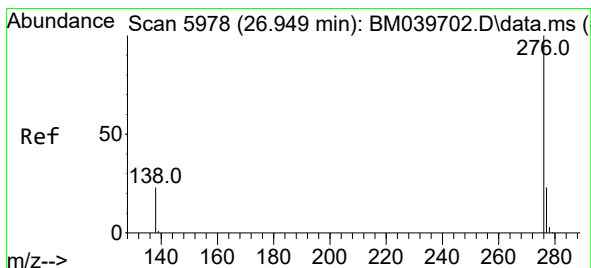
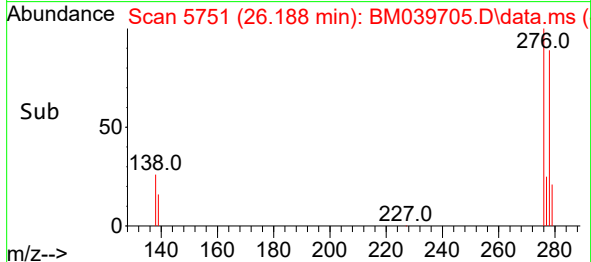
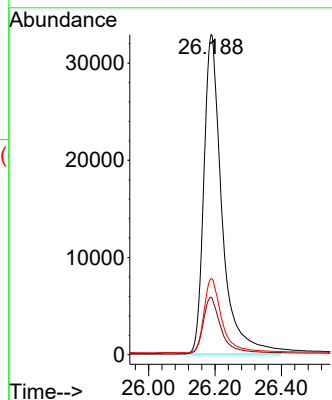
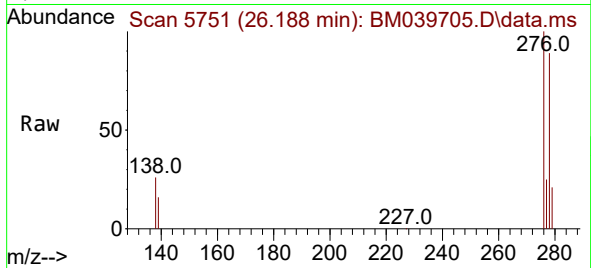




#28
Dibenzo(a,h)anthracene
Concen: 3.215 ng/ul
RT: 26.188 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

Instrument :
BNA_M
ClientSampleId :
SSTD3.2027

Tgt Ion:278 Resp: 124704
Ion Ratio Lower Upper
278 100
139 17.9 17.0 25.6
279 23.8 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 3.082 ng/ul
RT: 26.922 min Scan# 5970
Delta R.T. -0.026 min
Lab File: BM039705.D
Acq: 27 Apr 2023 13:00

Tgt Ion:276 Resp: 134207
Ion Ratio Lower Upper
276 100
138 23.1 20.1 30.1
277 23.7 20.1 30.1

