

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040623\
 Data File : BM039349.D
 Acq On : 07 Apr 2023 11:56
 Operator : CG/JU
 Sample : PB151873BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS873

Quant Time: Apr 07 23:12:52 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM040623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 23:05:01 2023
 Response via : Initial Calibration

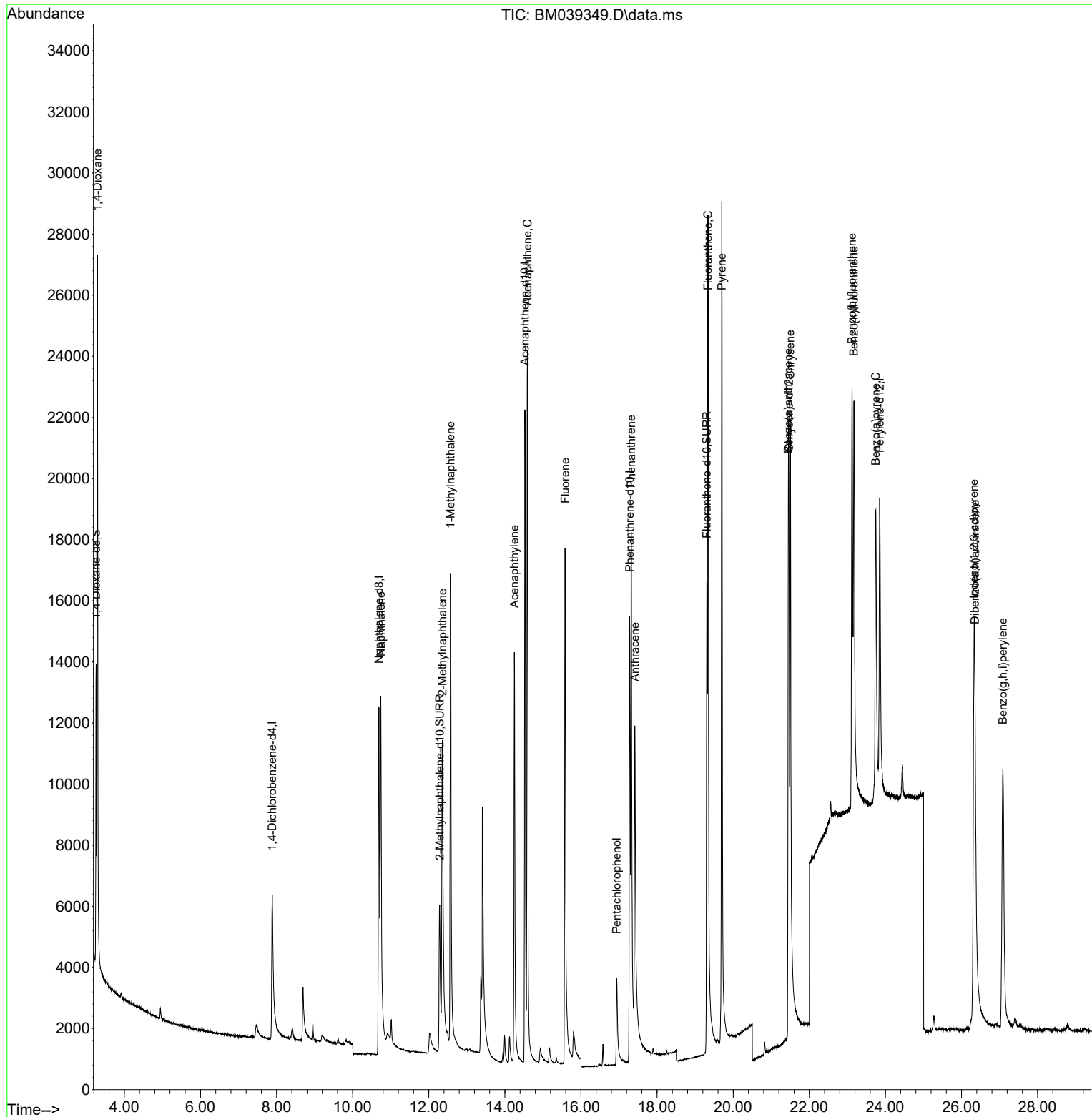
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	5070	0.400	ng/ul	0.00
4) Naphthalene-d8	10.691	136	22962	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.527	164	13089	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	22542	0.400	ng/ul	0.00
17) Chrysene-d12	21.466	240	15712	0.400	ng/ul	# 0.00
23) Perylene-d12	23.851	264	15622	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	5951	0.634	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.286	152	11122	0.419	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	21580	0.441	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.292	88	14787	1.471	ng/ul#	76
5) Naphthalene	10.740	128	21012	0.385	ng/ul	99
7) 2-Methylnaphthalene	12.357	142	12241	0.399	ng/ul	99
8) 1-Methylnaphthalene	12.572	142	13499	0.388	ng/ul	100
10) Acenaphthylene	14.250	152	19546	0.385	ng/ul	99
11) Acenaphthene	14.592	153	15321	0.383	ng/ul	99
12) Fluorene	15.582	166	15786	0.396	ng/ul	99
14) Pentachlorophenol	16.940	266	3175	0.591	ng/ul#	81
15) Phenanthrene	17.320	178	22534	0.360	ng/ul	99
16) Anthracene	17.417	178	18166	0.382	ng/ul	97
19) Fluoranthene	19.338	202	26898	0.414	ng/ul	99
20) Pyrene	19.701	202	29584	0.397	ng/ul	100
21) Benzo(a)anthracene	21.448	228	18316	0.506	ng/ul	100
22) Chrysene	21.501	228	20780	0.468	ng/ul	98
24) Benzo(b)fluoranthene	23.123	252	20421	0.412	ng/ul	98
25) Benzo(k)fluoranthene	23.172	252	20958	0.444	ng/ul	97
26) Benzo(a)pyrene	23.748	252	19410	0.389	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.327	276	25340	0.403	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.350	278	19224	0.437	ng/ul	96
29) Benzo(g,h,i)perylene	27.085	276	22424	0.372	ng/ul	99

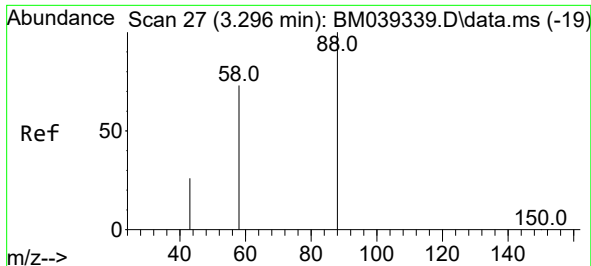
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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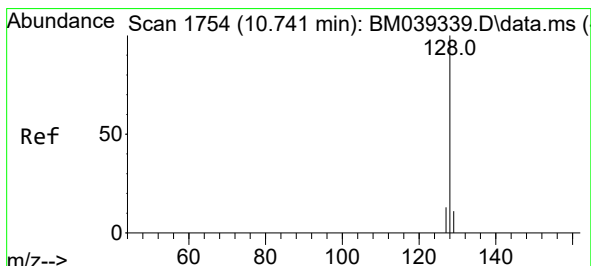
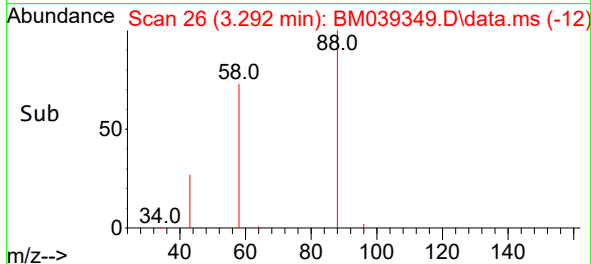
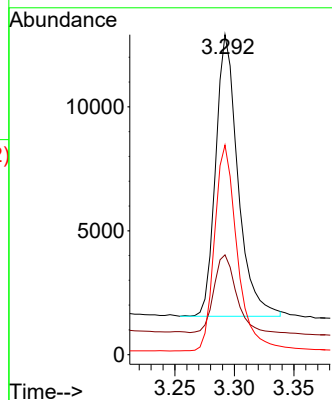
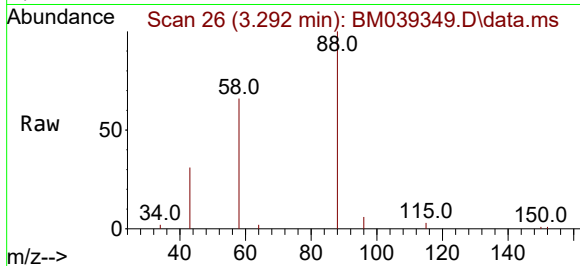




#2
1,4-Dioxane
Concen: 1.471 ng/ul
RT: 3.292 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039349.D
Acq: 07 Apr 2023 11:56

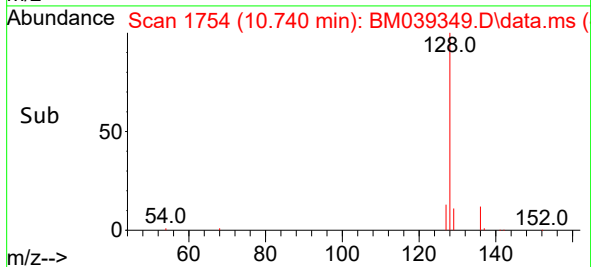
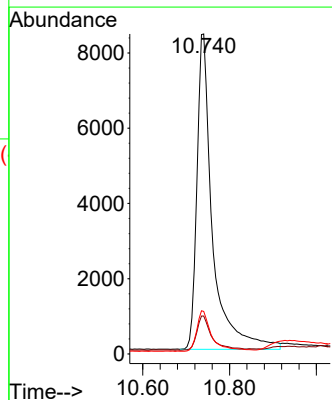
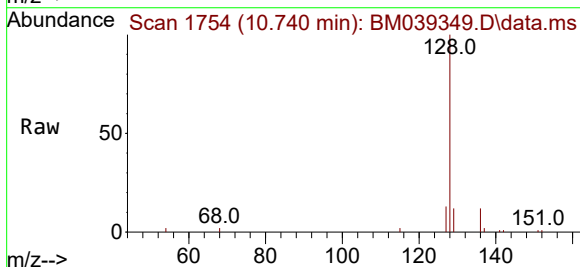
Instrument :
BNA_M
ClientSampleId :
SLCS873

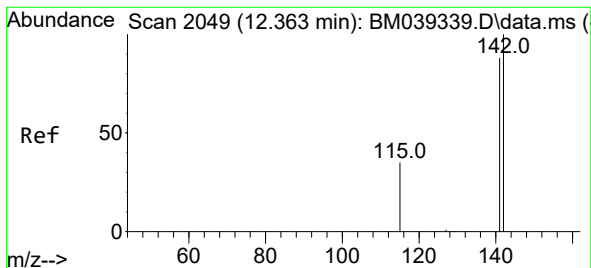
Tgt Ion: 88 Resp: 14787
Ion Ratio Lower Upper
88 100
43 31.2 30.6 45.8
58 65.5 34.1 51.1#



#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.740 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM039349.D
Acq: 07 Apr 2023 11:56

Tgt Ion: 128 Resp: 21012
Ion Ratio Lower Upper
128 100
129 11.9 10.1 15.1
127 13.3 11.0 16.4

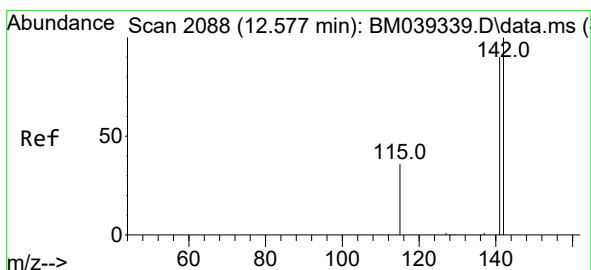
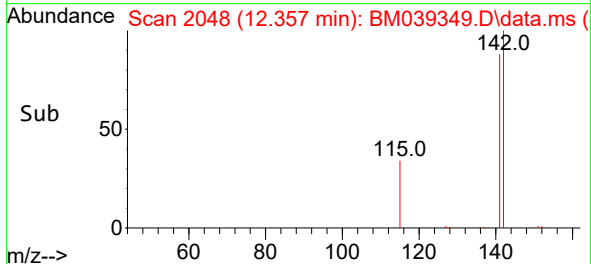
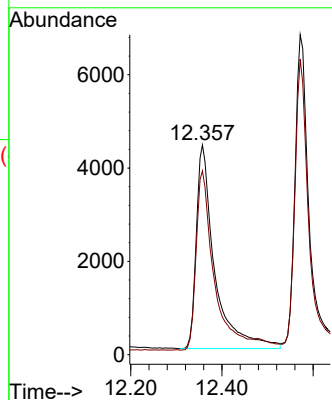
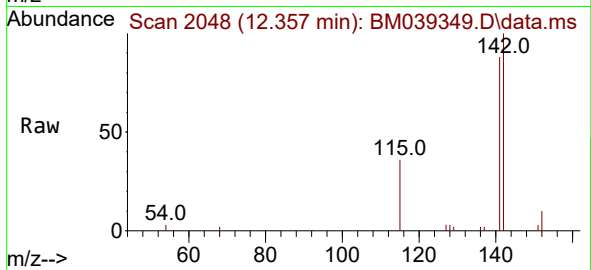




#7
2-Methylnaphthalene
Concen: 0.399 ng/ul
RT: 12.357 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BM039349.D
Acq: 07 Apr 2023 11:56

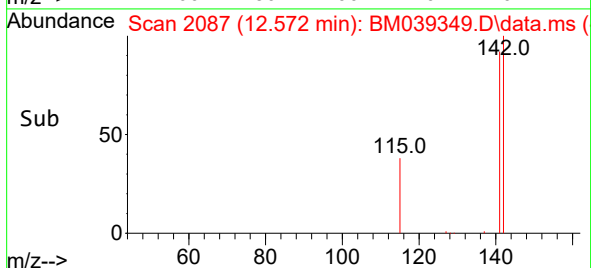
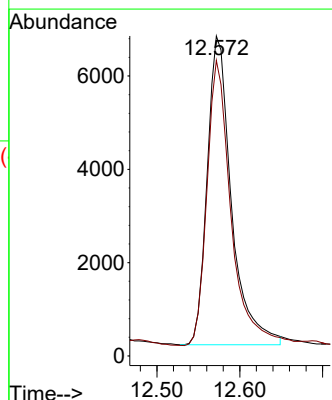
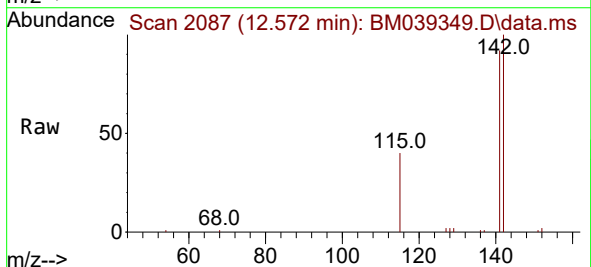
Instrument :
BNA_M
ClientSampleId :
SLCS873

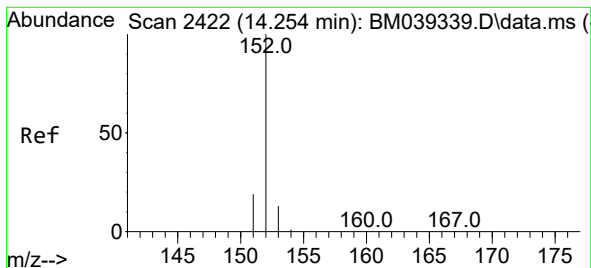
Tgt Ion:142 Resp: 12241
Ion Ratio Lower Upper
142 100
141 90.8 71.8 107.6



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.572 min Scan# 2087
Delta R.T. -0.000 min
Lab File: BM039349.D
Acq: 07 Apr 2023 11:56

Tgt Ion:142 Resp: 13499
Ion Ratio Lower Upper
142 100
141 91.0 72.6 109.0





#10

Acenaphthylene

Concen: 0.385 ng/ul

RT: 14.250 min Scan# 2422

Delta R.T. -0.000 min

Lab File: BM039349.D

Acq: 07 Apr 2023 11:56

Instrument :

BNA_M

ClientSampleId :

SLCS873

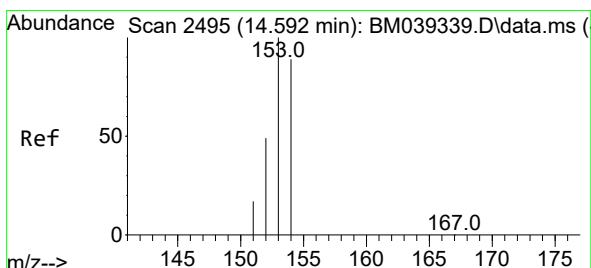
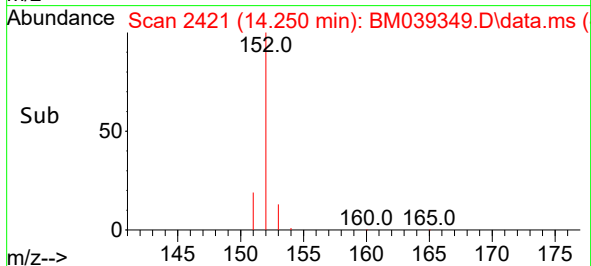
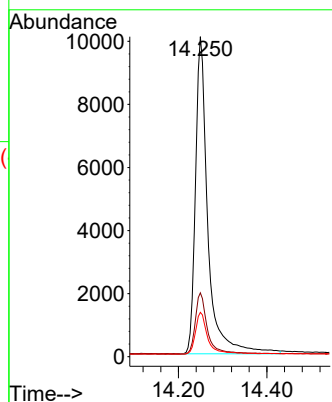
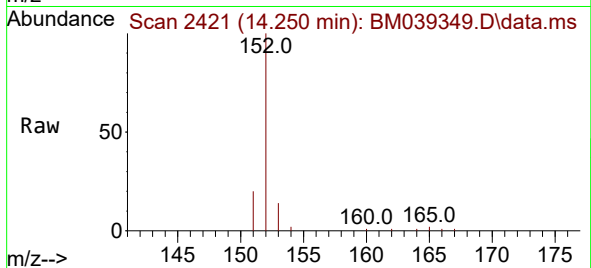
Tgt Ion:152 Resp: 19546

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.9 11.6 17.4



#11

Acenaphthene

Concen: 0.383 ng/ul

RT: 14.592 min Scan# 2495

Delta R.T. -0.000 min

Lab File: BM039349.D

Acq: 07 Apr 2023 11:56

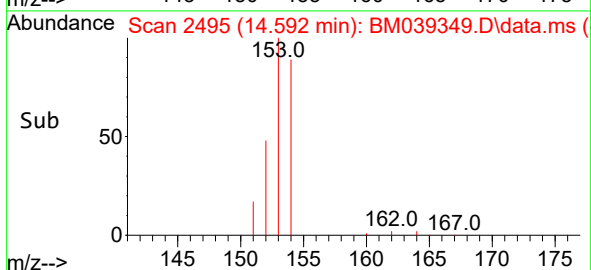
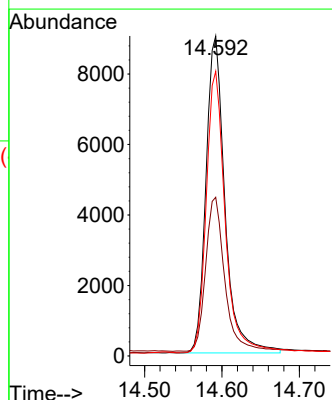
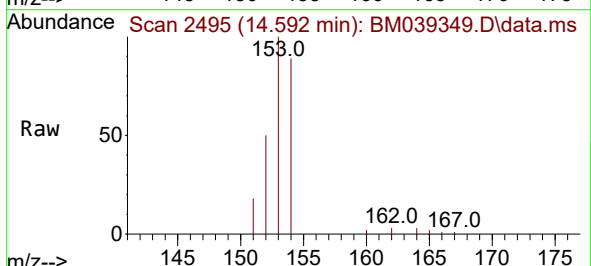
Tgt Ion:153 Resp: 15321

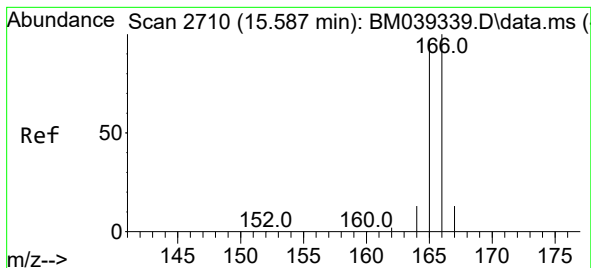
Ion Ratio Lower Upper

153 100

152 49.6 40.3 60.5

154 89.0 71.5 107.3





#12

Fluorene

Concen: 0.396 ng/ul

RT: 15.582 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039349.D

Acq: 07 Apr 2023 11:56

Instrument :

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ClientSampleId :

SLCS873

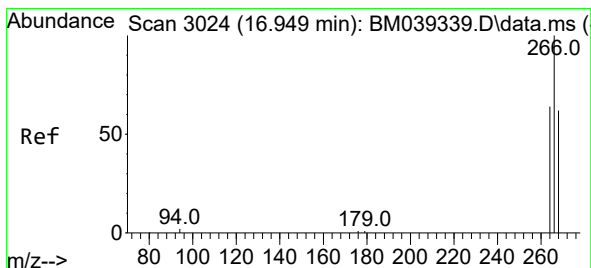
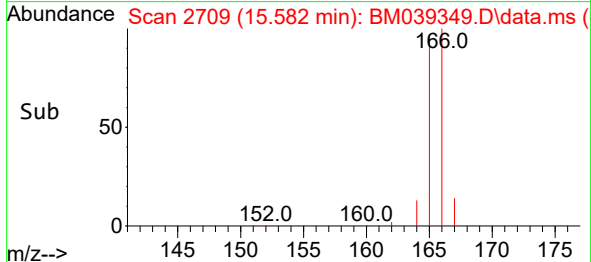
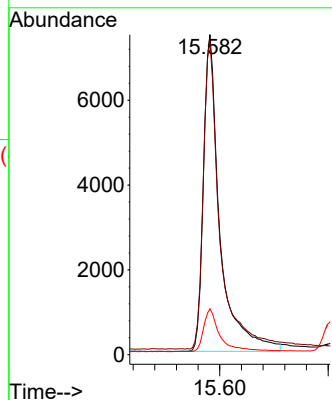
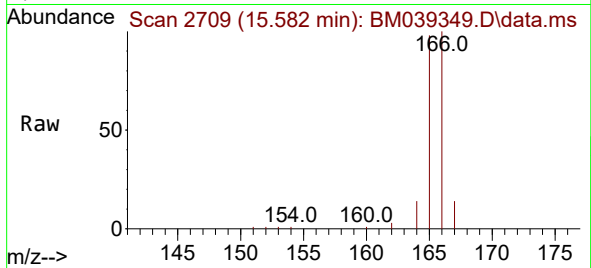
Tgt Ion:166 Resp: 15786

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

167 14.4 11.8 17.6



#14

Pentachlorophenol

Concen: 0.591 ng/ul

RT: 16.940 min Scan# 3022

Delta R.T. -0.000 min

Lab File: BM039349.D

Acq: 07 Apr 2023 11:56

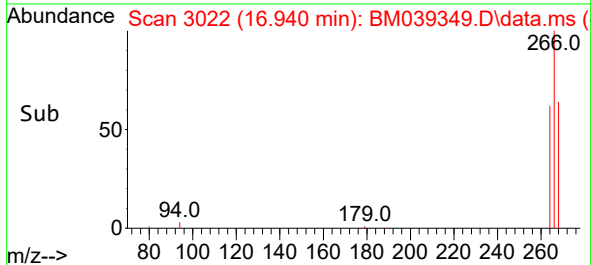
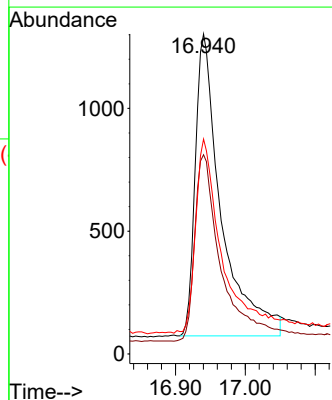
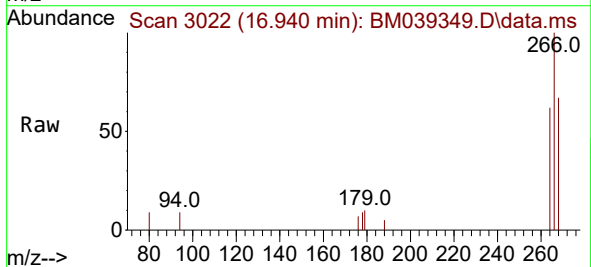
Tgt Ion:266 Resp: 3175

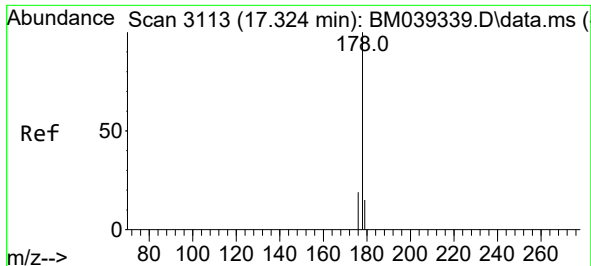
Ion Ratio Lower Upper

266 100

264 63.3 39.6 59.4#

268 65.5 42.4 63.6#

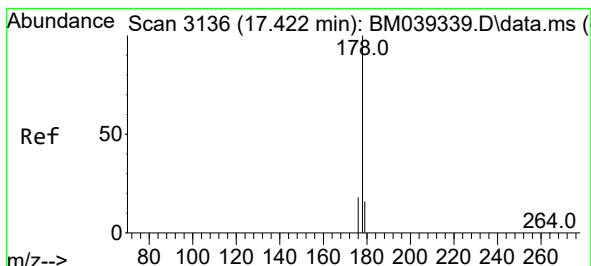
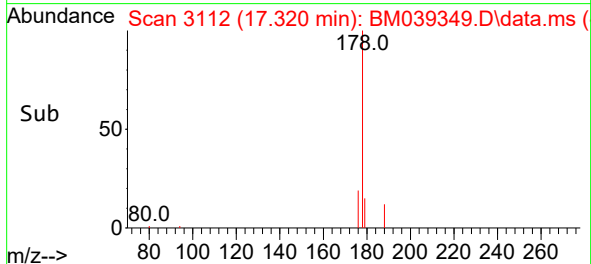
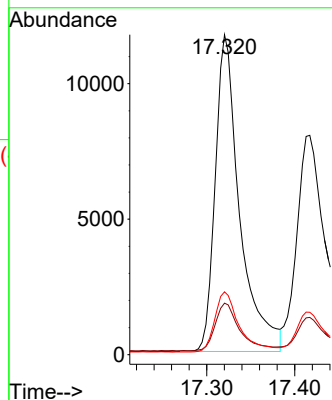
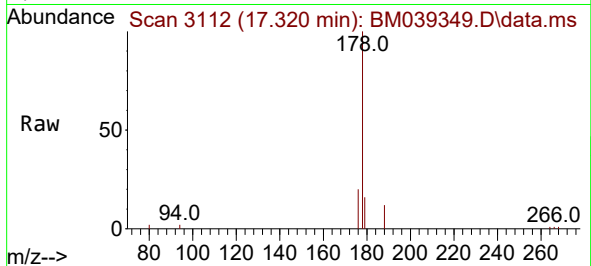




#15
Phenanthrene
Concen: 0.360 ng/ul
RT: 17.320 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM039349.D
Acq: 07 Apr 2023 11:56

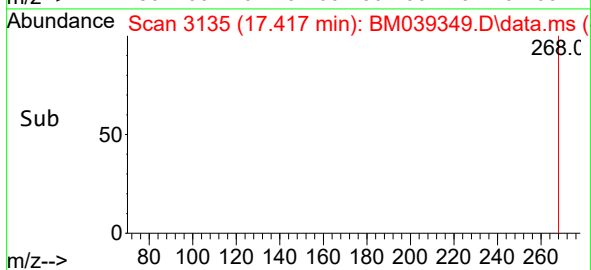
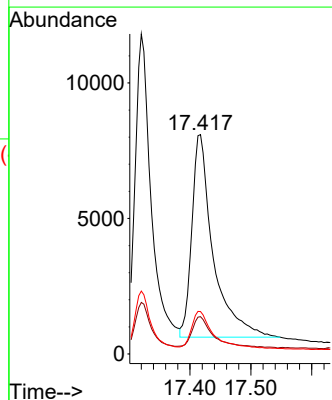
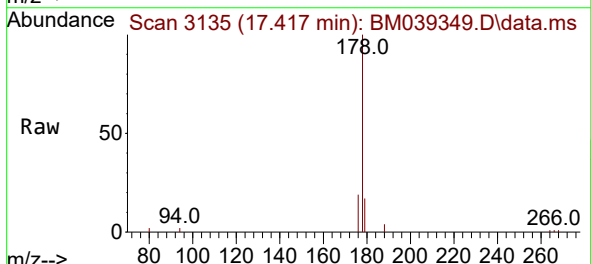
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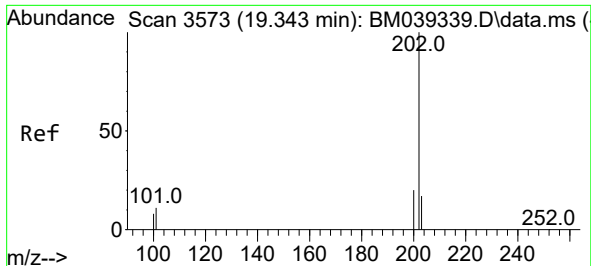
Tgt Ion:178 Resp: 22534
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.2
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.382 ng/ul
RT: 17.417 min Scan# 3135
Delta R.T. -0.000 min
Lab File: BM039349.D
Acq: 07 Apr 2023 11:56

Tgt Ion:178 Resp: 18166
Ion Ratio Lower Upper
178 100
179 17.0 14.6 21.8
176 19.3 16.6 24.8

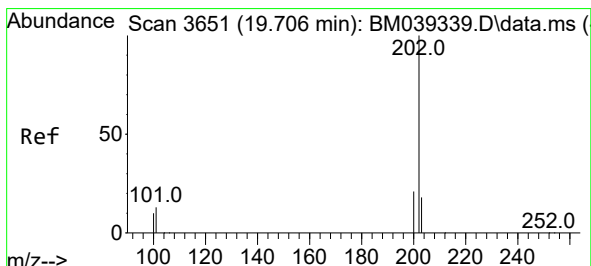
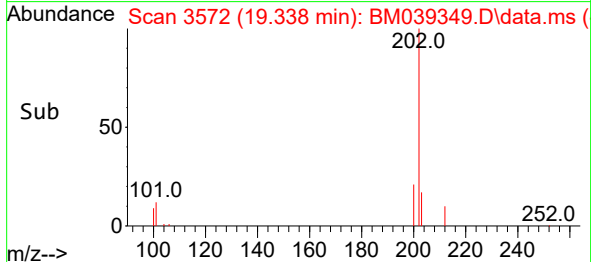
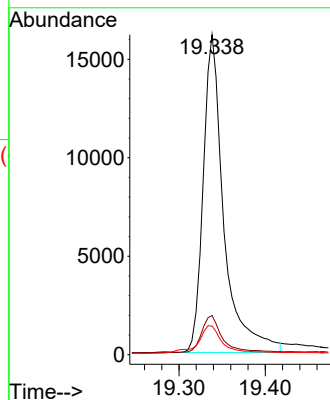
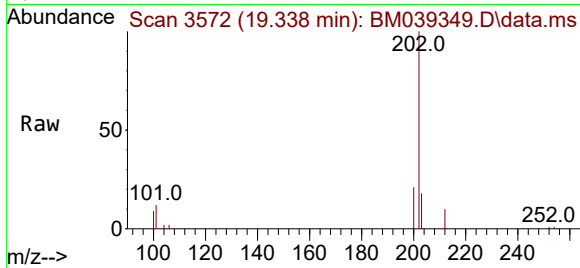




#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 19.338 min Scan# 3572
Delta R.T. -0.000 min
Lab File: BM039349.D
Acq: 07 Apr 2023 11:56

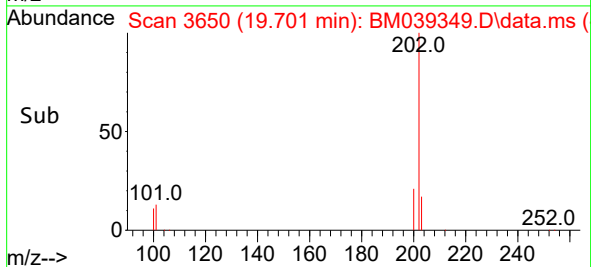
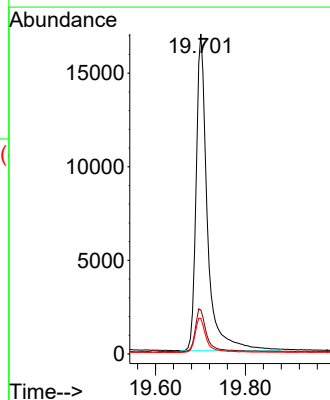
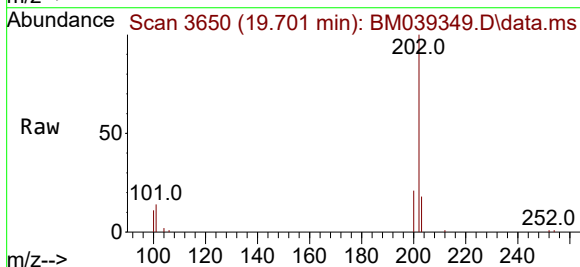
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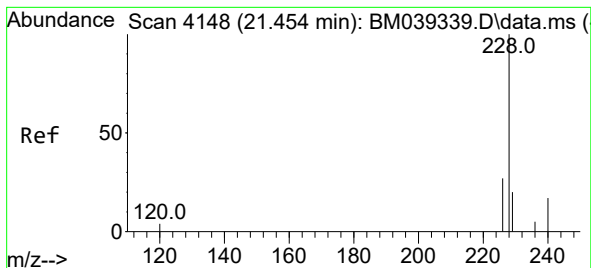
Tgt Ion:202 Resp: 26898
Ion Ratio Lower Upper
202 100
101 12.3 9.7 14.5
100 9.0 7.4 11.0



#20
Pyrene
Concen: 0.397 ng/ul
RT: 19.701 min Scan# 3650
Delta R.T. -0.000 min
Lab File: BM039349.D
Acq: 07 Apr 2023 11:56

Tgt Ion:202 Resp: 29584
Ion Ratio Lower Upper
202 100
101 13.8 11.1 16.7
100 11.1 8.8 13.2





#21

Benzo(a)anthracene

Concen: 0.506 ng/ul

RT: 21.448 min Scan# 4146

Delta R.T. -0.003 min

Lab File: BM039349.D

Acq: 07 Apr 2023 11:56

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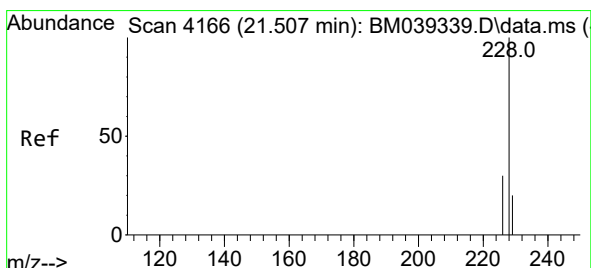
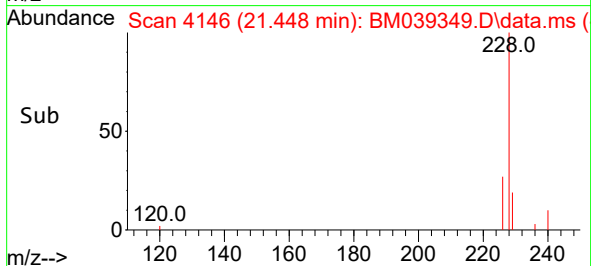
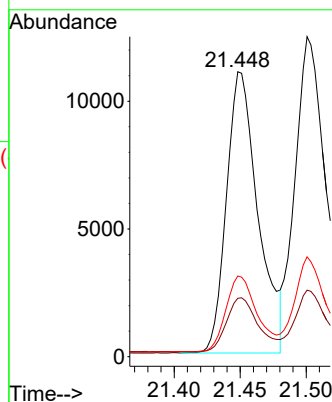
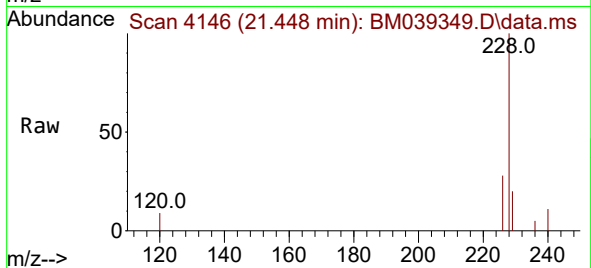
Tgt Ion:228 Resp: 18316

Ion Ratio Lower Upper

228 100

229 20.5 16.6 24.8

226 28.3 22.6 34.0



#22

Chrysene

Concen: 0.468 ng/ul

RT: 21.501 min Scan# 4164

Delta R.T. -0.003 min

Lab File: BM039349.D

Acq: 07 Apr 2023 11:56

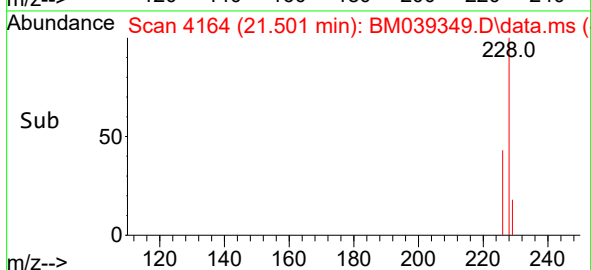
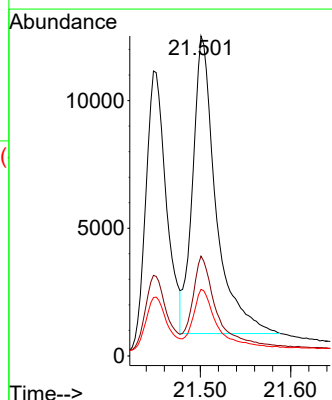
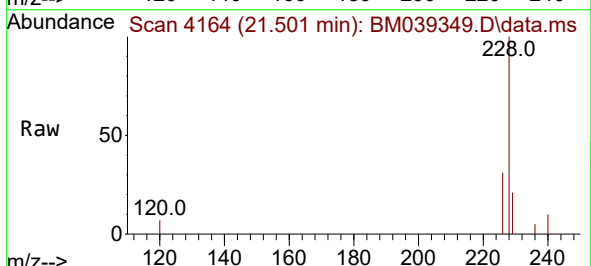
Tgt Ion:228 Resp: 20780

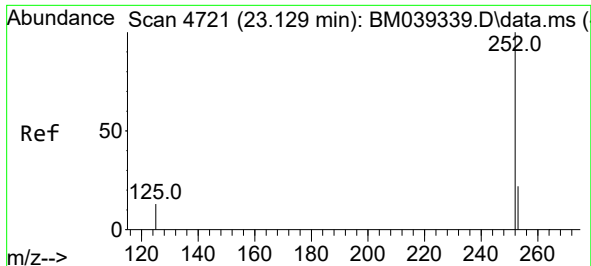
Ion Ratio Lower Upper

228 100

226 31.2 24.2 36.2

229 20.8 16.2 24.4

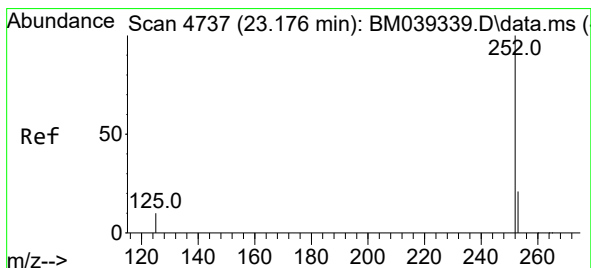
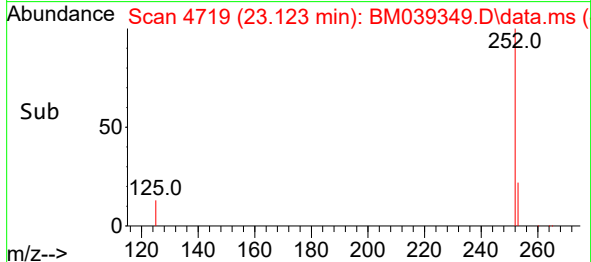
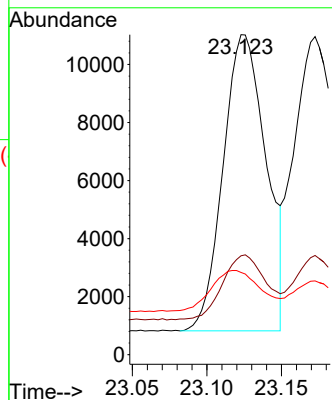
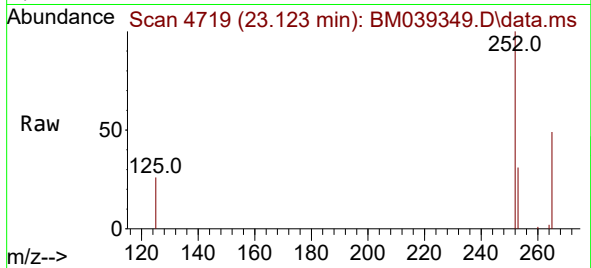




#24
Benzo(b)fluoranthene
Concen: 0.412 ng/ul
RT: 23.123 min Scan# 4719
Delta R.T. -0.006 min
Lab File: BM039349.D
Acq: 07 Apr 2023 11:56

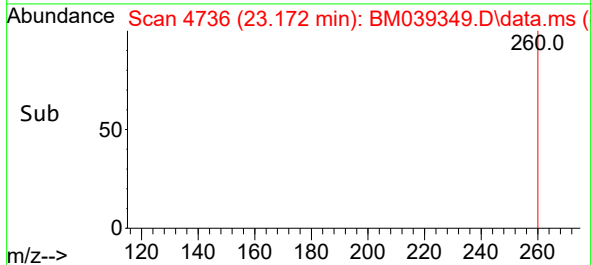
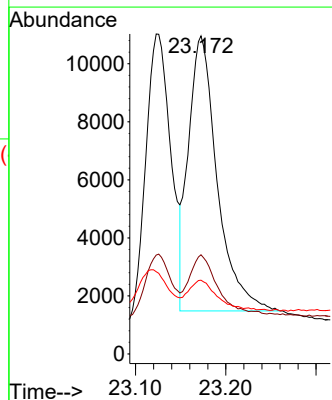
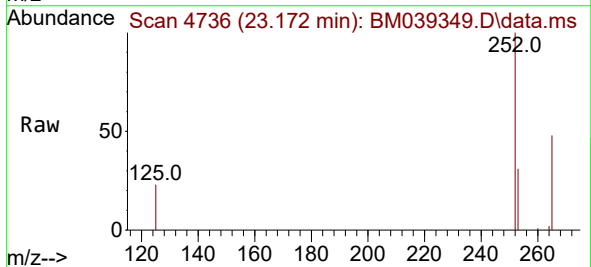
Instrument :
BNA_M
ClientSampleId :
SLCS873

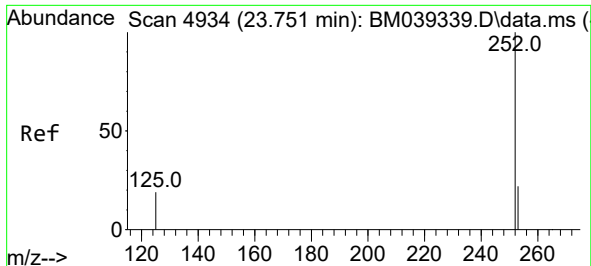
Tgt Ion:252 Resp: 20421
Ion Ratio Lower Upper
252 100
253 30.9 0.0 64.4
125 25.7 0.0 50.4



#25
Benzo(k)fluoranthene
Concen: 0.444 ng/ul
RT: 23.172 min Scan# 4736
Delta R.T. -0.003 min
Lab File: BM039349.D
Acq: 07 Apr 2023 11:56

Tgt Ion:252 Resp: 20958
Ion Ratio Lower Upper
252 100
253 31.2 25.5 38.3
125 23.2 20.4 30.6

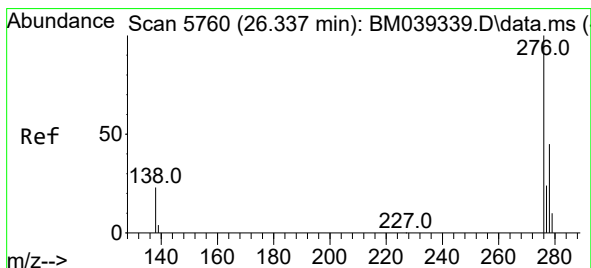
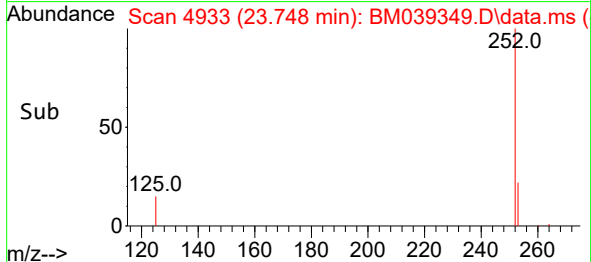
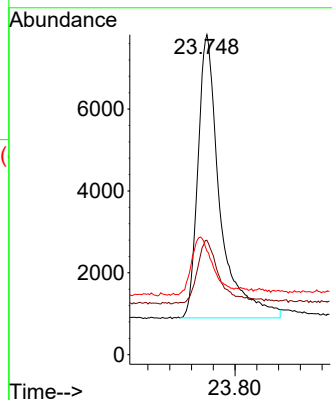
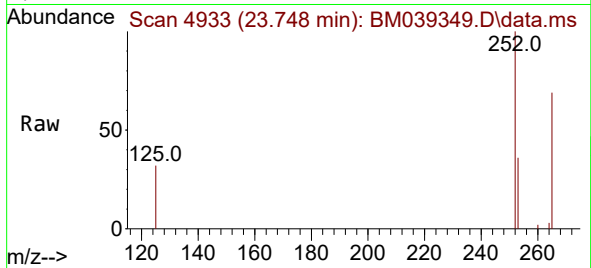




#26
Benzo(a)pyrene
Concen: 0.389 ng/ul
RT: 23.748 min Scan# 4933
Delta R.T. -0.000 min
Lab File: BM039349.D
Acq: 07 Apr 2023 11:56

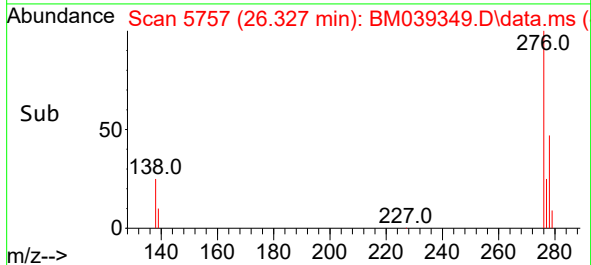
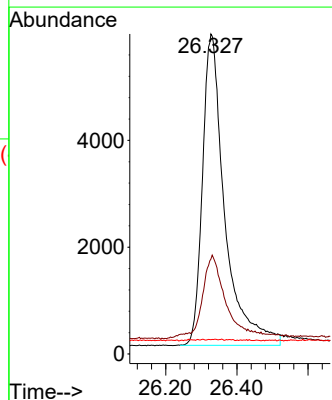
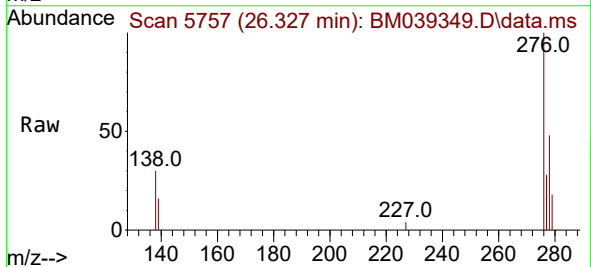
Instrument :
BNA_M
ClientSampleId :
SLCS873

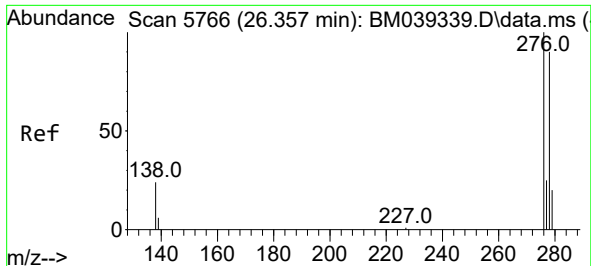
Tgt Ion:252 Resp: 19410
Ion Ratio Lower Upper
252 100
253 35.7 31.0 46.4
125 32.4 28.2 42.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.403 ng/ul
RT: 26.327 min Scan# 5757
Delta R.T. -0.010 min
Lab File: BM039349.D
Acq: 07 Apr 2023 11:56

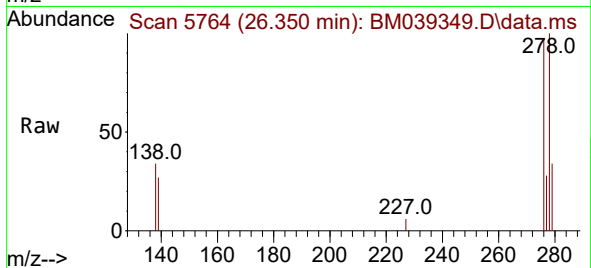
Tgt Ion:276 Resp: 25340
Ion Ratio Lower Upper
276 100
138 28.8 21.4 32.0
227 0.0 0.1 0.1#



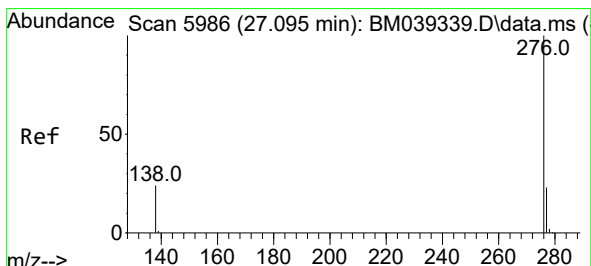
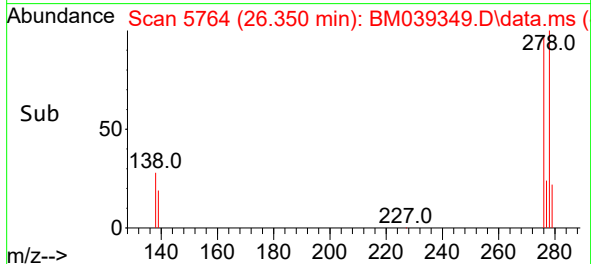
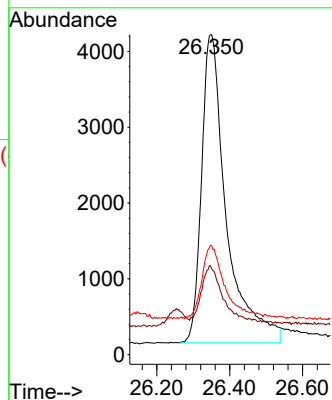


#28
Dibenzo(a,h)anthracene
Concen: 0.437 ng/ul
RT: 26.350 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM039349.D
Acq: 07 Apr 2023 11:56

Instrument :
BNA_M
ClientSampleId :
SLCS873



Tgt Ion:278 Resp: 19224
Ion Ratio Lower Upper
278 100
139 26.8 21.8 32.6
279 34.0 30.0 45.0



#29
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 27.085 min Scan# 5983
Delta R.T. -0.004 min
Lab File: BM039349.D
Acq: 07 Apr 2023 11:56

Tgt Ion:276 Resp: 22424
Ion Ratio Lower Upper
276 100
138 28.5 22.2 33.2
277 26.7 21.2 31.8

