

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050823\
 Data File : BM039883.D
 Acq On : 09 May 2023 00:25
 Operator : CG/JU
 Sample : PB152658BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS658

Quant Time: May 09 02:37:27 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 09 02:35:28 2023
 Response via : Initial Calibration

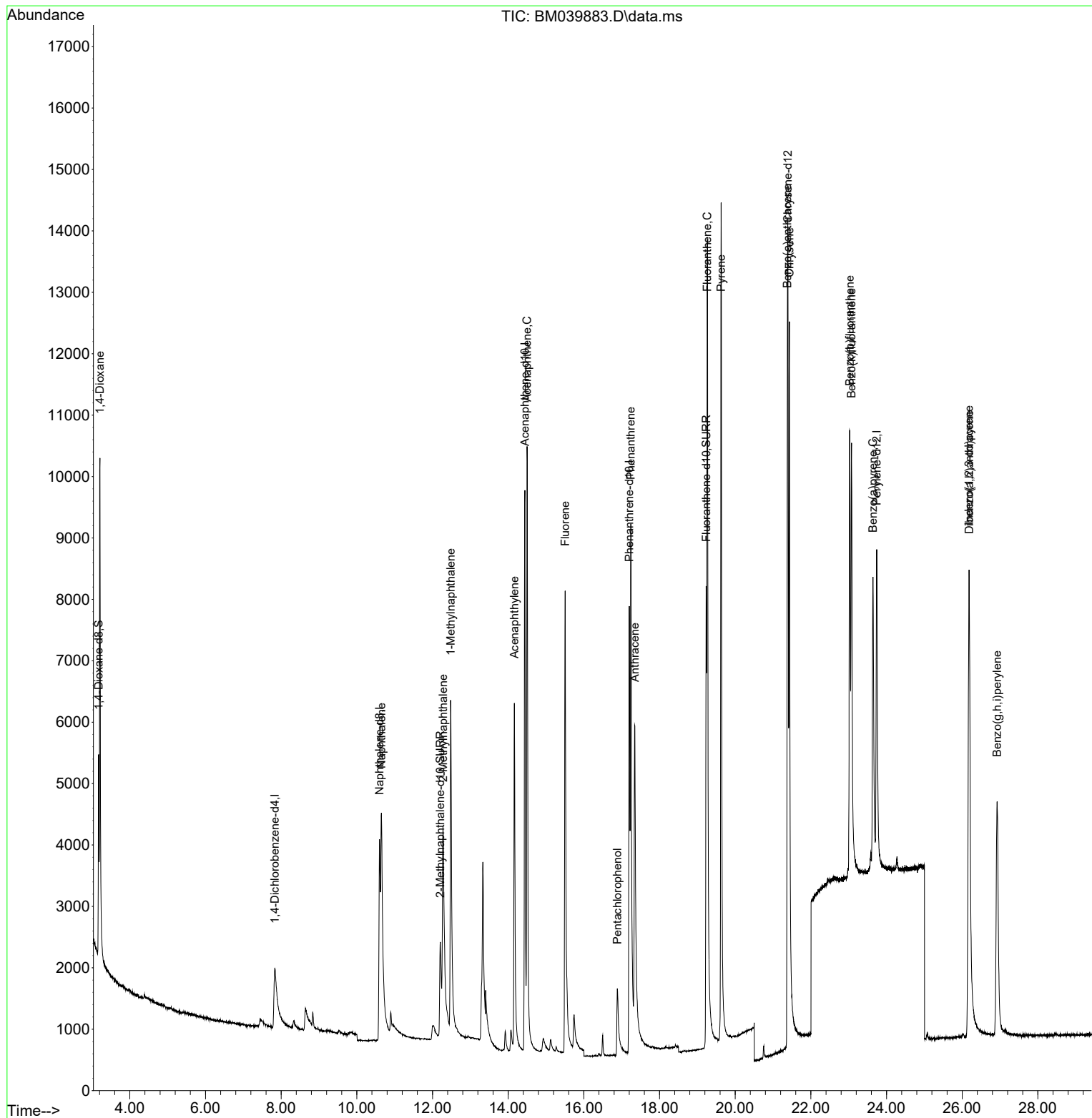
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	2030	0.400	ng/ul	0.03
4) Naphthalene-d8	10.599	136	9917	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.440	164	6308	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.199	188	12167	0.400	ng/ul	0.00
17) Chrysene-d12	21.394	240	9794	0.400	ng/ul	0.00
23) Perylene-d12	23.741	264	8346	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	2240	0.749	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.205	152	4856	0.382	ng/ul	0.02
18) Fluoranthene-d10	19.233	212	11350	0.431	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.210	88	5597	1.806	ng/ul#	37
5) Naphthalene	10.649	128	8660	0.348	ng/ul	97
7) 2-Methylnaphthalene	12.277	142	5313	0.370	ng/ul	99
8) 1-Methylnaphthalene	12.480	142	5667	0.368	ng/ul	100
10) Acenaphthylene	14.163	152	9513	0.390	ng/ul	99
11) Acenaphthene	14.500	153	7161	0.373	ng/ul	98
12) Fluorene	15.504	166	7826	0.368	ng/ul	100
14) Pentachlorophenol	16.886	266	1582	0.597	ng/ul	99
15) Phenanthrene	17.241	178	11823	0.369	ng/ul	99
16) Anthracene	17.346	178	10030	0.364	ng/ul	99
19) Fluoranthene	19.265	202	14457	0.414	ng/ul	99
20) Pyrene	19.628	202	15798	0.419	ng/ul	99
21) Benzo(a)anthracene	21.379	228	11187	0.397	ng/ul	98
22) Chrysene	21.432	228	12615	0.396	ng/ul	99
24) Benzo(b)fluoranthene	23.028	252	10780	0.368	ng/ul	95
25) Benzo(k)fluoranthene	23.074	252	11081	0.371	ng/ul	95
26) Benzo(a)pyrene	23.642	252	9665	0.367	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.181	276	11987	0.360	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.185	278	9318	0.361	ng/ul	96
29) Benzo(g,h,i)perylene	26.922	276	10296	0.355	ng/ul	98

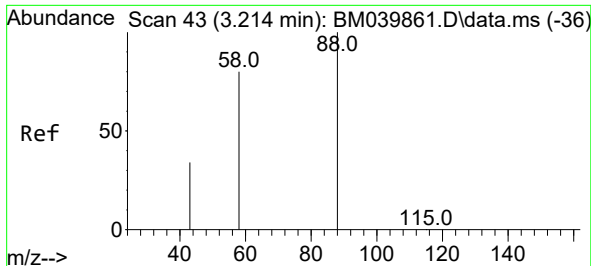
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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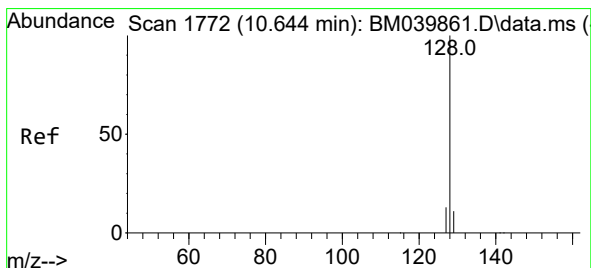
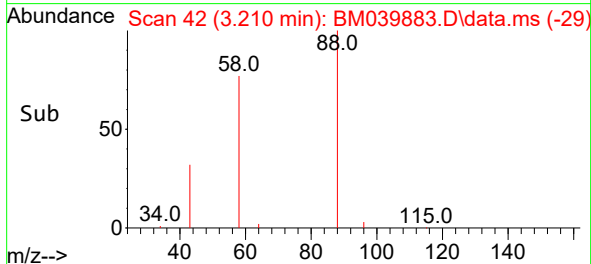
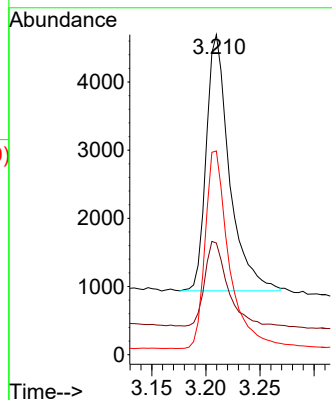
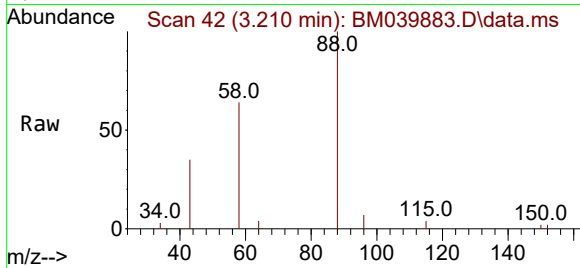




#2
1,4-Dioxane
Concen: 1.806 ng/ul
RT: 3.210 min Scan# 43
Delta R.T. -0.004 min
Lab File: BM039883.D
Acq: 09 May 2023 00:25

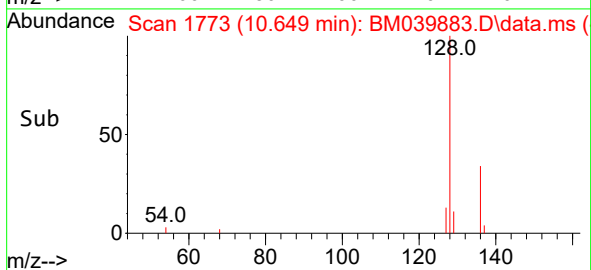
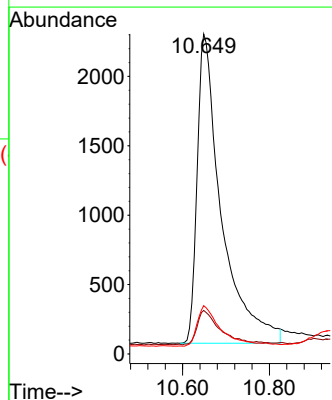
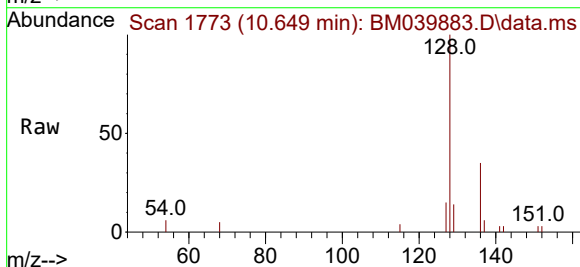
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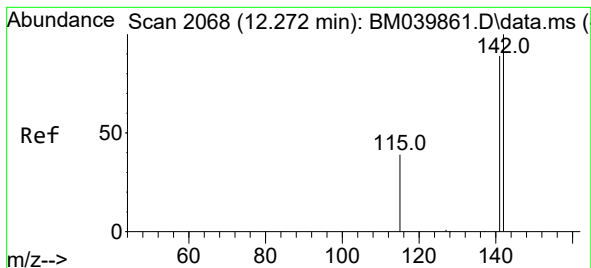
Tgt Ion: 88 Resp: 5597
Ion Ratio Lower Upper
88 100
43 34.9 102.6 153.8#
58 63.6 40.6 61.0#



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.649 min Scan# 1773
Delta R.T. 0.010 min
Lab File: BM039883.D
Acq: 09 May 2023 00:25

Tgt Ion: 128 Resp: 8660
Ion Ratio Lower Upper
128 100
129 13.6 9.8 14.6
127 15.1 11.1 16.7

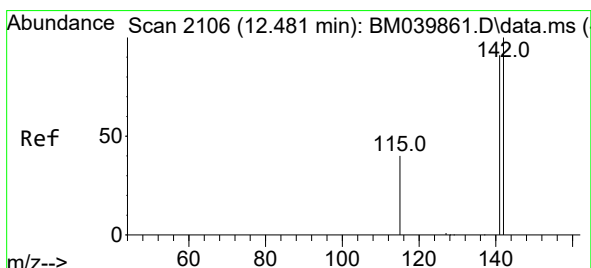
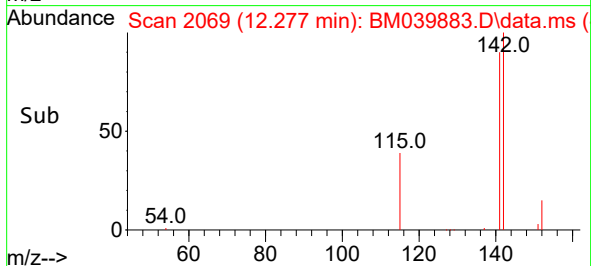
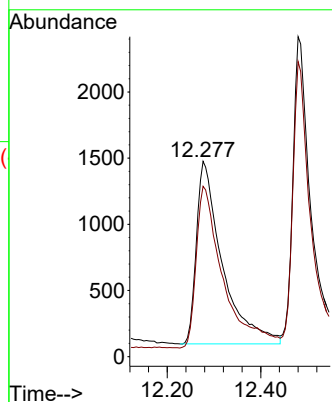
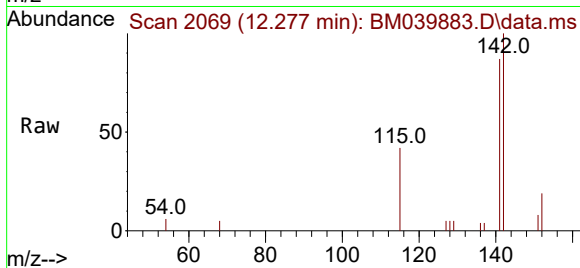




#7
2-Methylnaphthalene
Concen: 0.370 ng/ul
RT: 12.277 min Scan# 2068
Delta R.T. 0.010 min
Lab File: BM039883.D
Acq: 09 May 2023 00:25

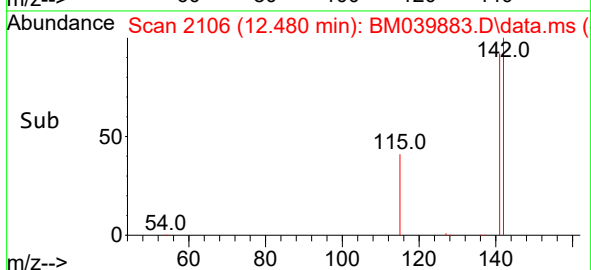
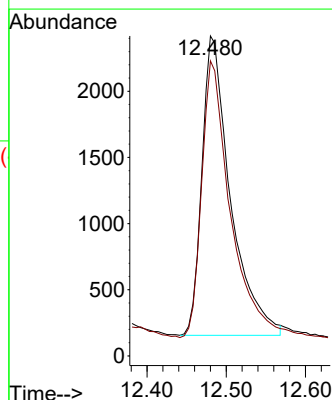
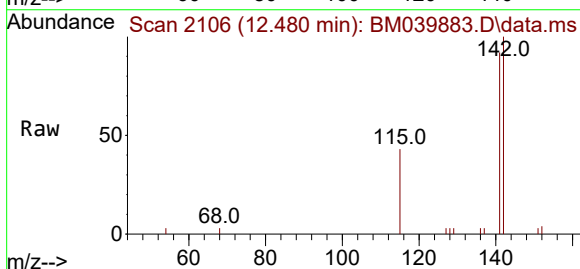
Instrument :
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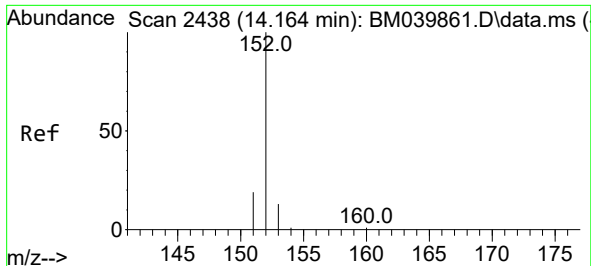
Tgt Ion:142 Resp: 5313
Ion Ratio Lower Upper
142 100
141 92.8 73.2 109.8



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.480 min Scan# 2106
Delta R.T. 0.004 min
Lab File: BM039883.D
Acq: 09 May 2023 00:25

Tgt Ion:142 Resp: 5667
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2

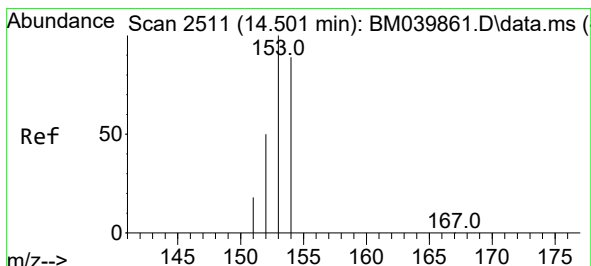
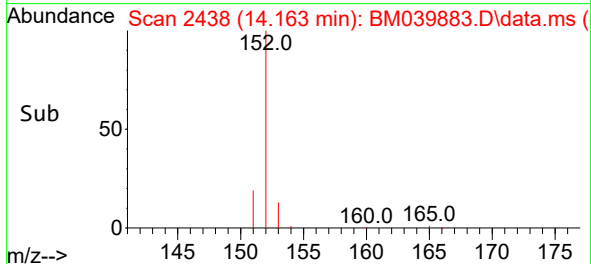
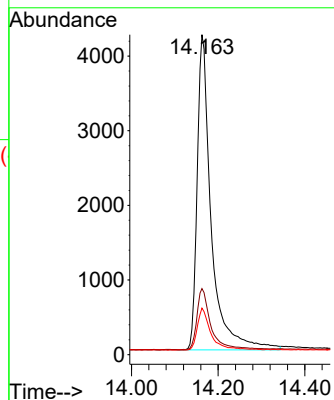
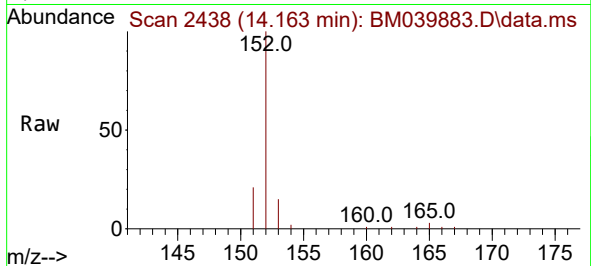




#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.163 min Scan# 2438
Delta R.T. -0.001 min
Lab File: BM039883.D
Acq: 09 May 2023 00:25

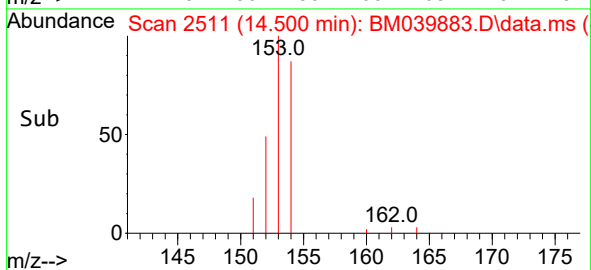
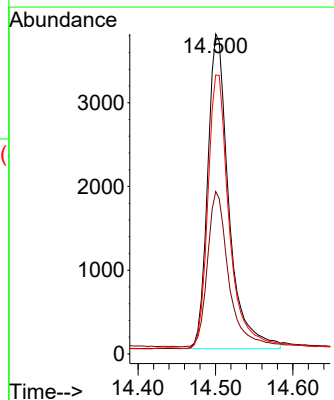
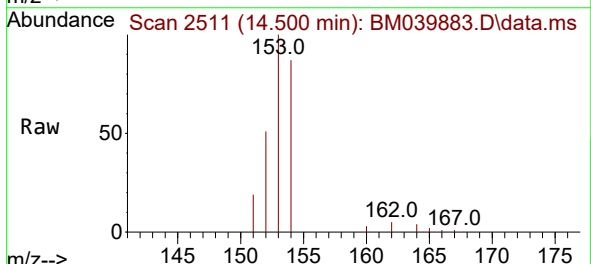
Instrument :
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ClientSampleId :
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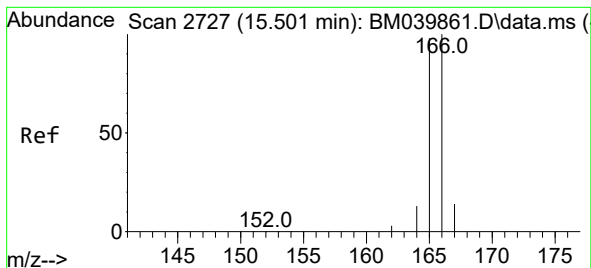
Tgt Ion:152 Resp: 9513
Ion Ratio Lower Upper
152 100
151 20.7 16.0 24.0
153 14.5 11.2 16.8



#11
Acenaphthene
Concen: 0.373 ng/ul
RT: 14.500 min Scan# 2511
Delta R.T. -0.001 min
Lab File: BM039883.D
Acq: 09 May 2023 00:25

Tgt Ion:153 Resp: 7161
Ion Ratio Lower Upper
153 100
152 50.8 40.6 61.0
154 87.2 71.9 107.9





#12

Fluorene

Concen: 0.368 ng/ul

RT: 15.504 min Scan# 21

Delta R.T. 0.004 min

Lab File: BM039883.D

Acq: 09 May 2023 00:25

Instrument :

BNA_M

ClientSampleId :

SLCS658

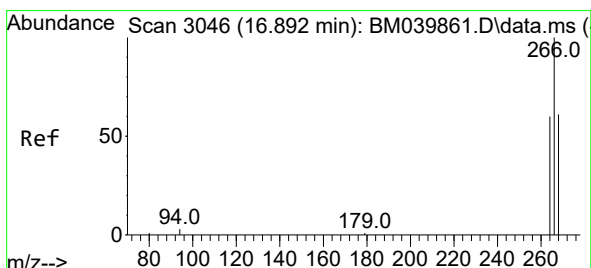
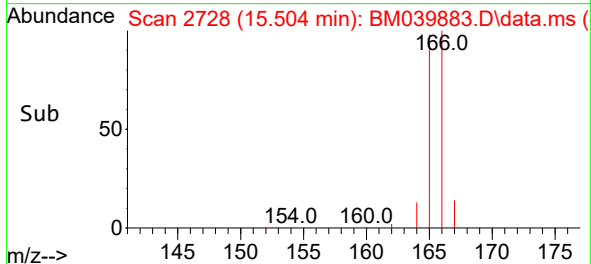
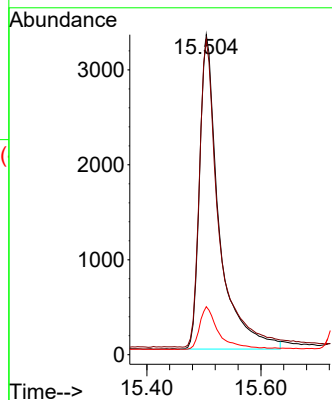
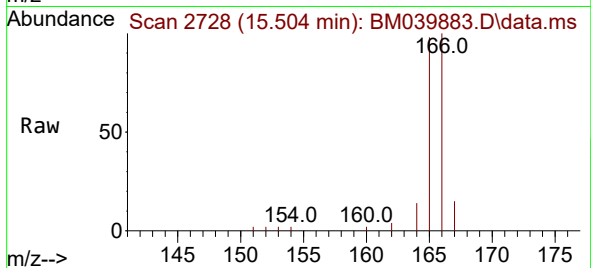
Tgt Ion:166 Resp: 7826

Ion Ratio Lower Upper

166 100

165 98.5 79.0 118.6

167 15.0 11.8 17.6



#14

Pentachlorophenol

Concen: 0.597 ng/ul

RT: 16.886 min Scan# 3045

Delta R.T. 0.003 min

Lab File: BM039883.D

Acq: 09 May 2023 00:25

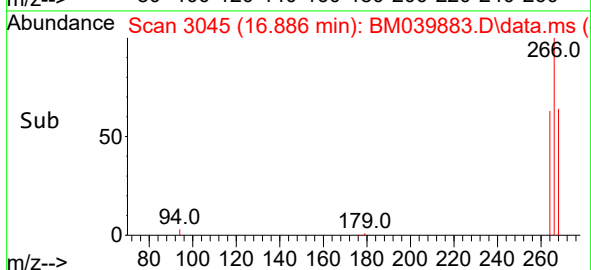
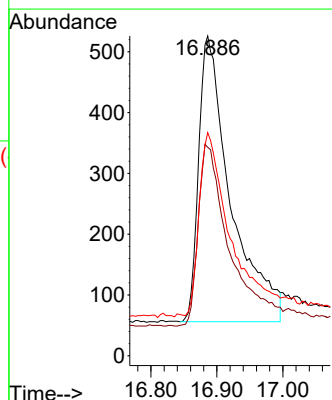
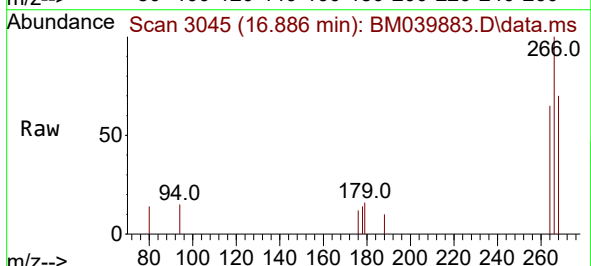
Tgt Ion:266 Resp: 1582

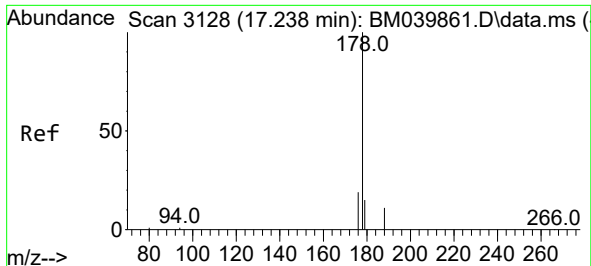
Ion Ratio Lower Upper

266 100

264 62.4 48.8 73.2

268 63.1 50.4 75.6

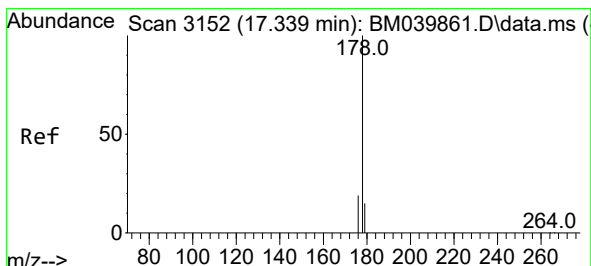
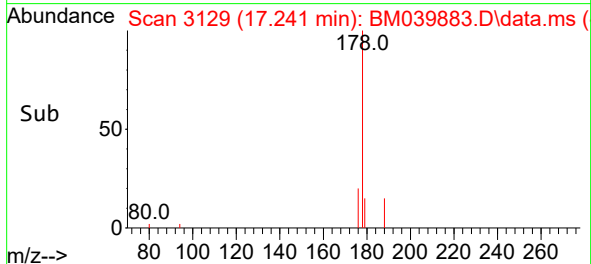
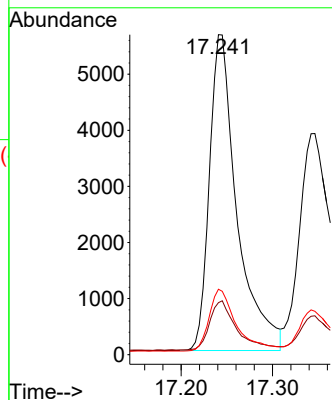
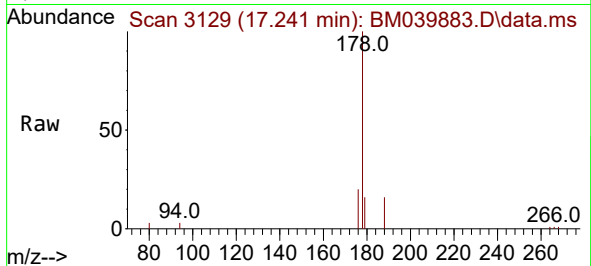




#15
Phenanthrene
Concen: 0.369 ng/ul
RT: 17.241 min Scan# 3128
Delta R.T. 0.003 min
Lab File: BM039883.D
Acq: 09 May 2023 00:25

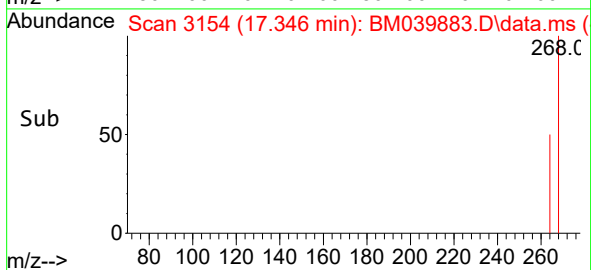
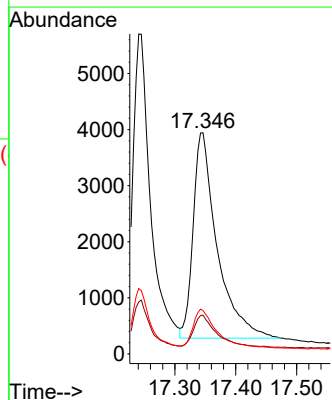
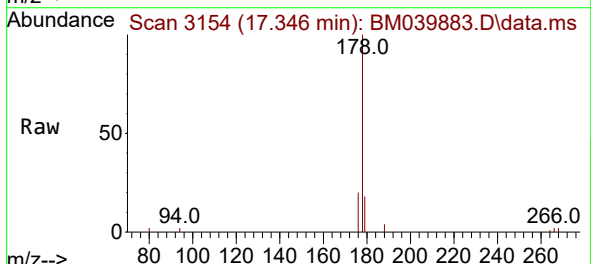
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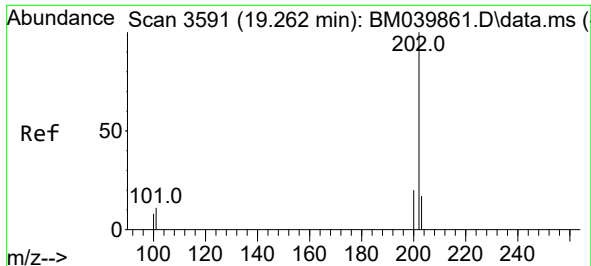
Tgt Ion:178 Resp: 11823
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.6
176 20.4 15.8 23.8



#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.346 min Scan# 3154
Delta R.T. 0.007 min
Lab File: BM039883.D
Acq: 09 May 2023 00:25

Tgt Ion:178 Resp: 10030
Ion Ratio Lower Upper
178 100
179 17.6 13.8 20.6
176 19.6 15.8 23.8

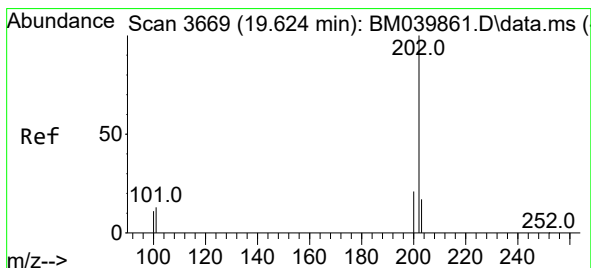
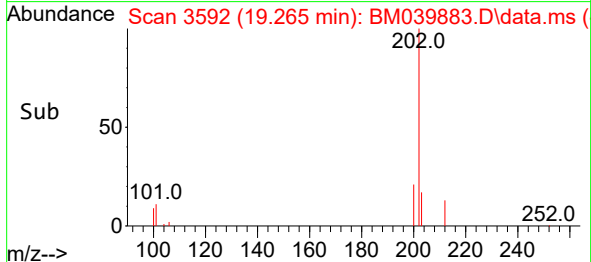
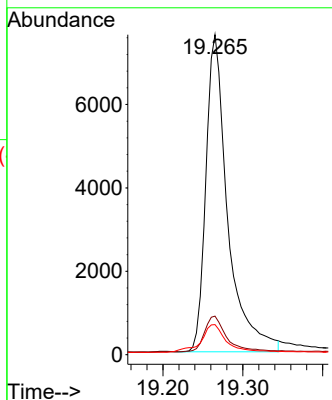
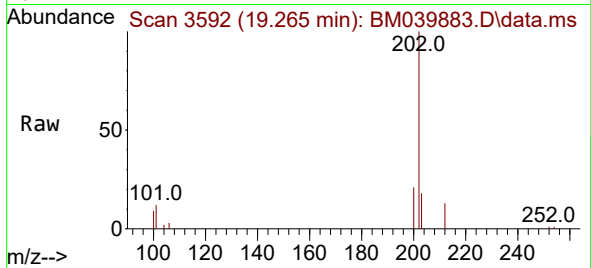




#19
Fluoranthene
Concen: 0.414 ng/ul
RT: 19.265 min Scan# 3591
Delta R.T. 0.004 min
Lab File: BM039883.D
Acq: 09 May 2023 00:25

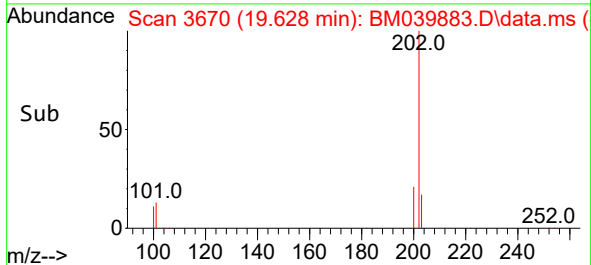
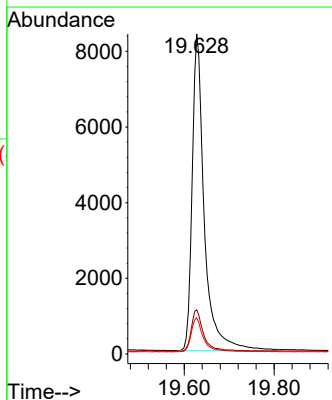
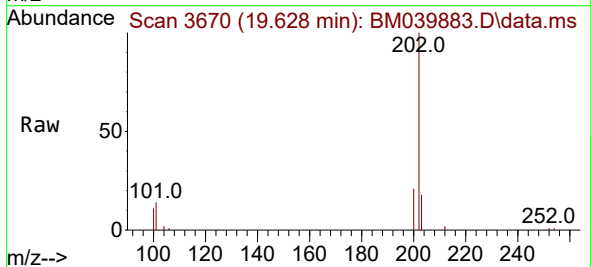
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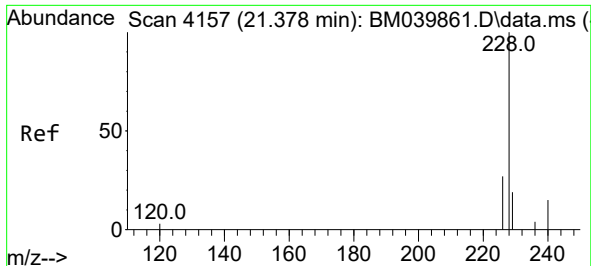
Tgt Ion:202 Resp: 14457
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 9.4 7.3 10.9



#20
Pyrene
Concen: 0.419 ng/ul
RT: 19.628 min Scan# 3670
Delta R.T. 0.004 min
Lab File: BM039883.D
Acq: 09 May 2023 00:25

Tgt Ion:202 Resp: 15798
Ion Ratio Lower Upper
202 100
101 13.8 10.9 16.3
100 11.3 8.9 13.3

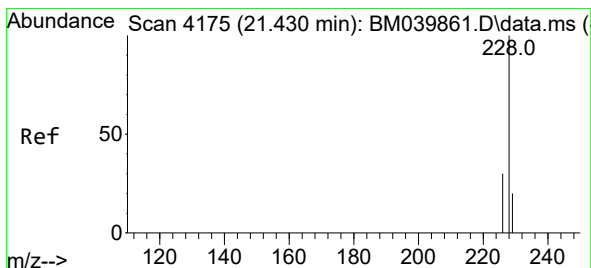
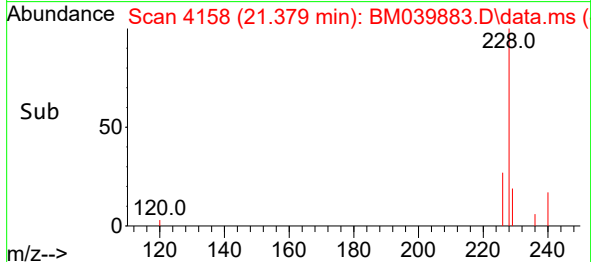
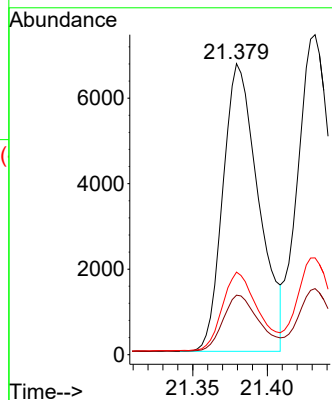
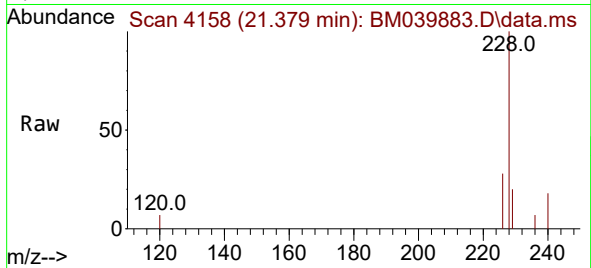




#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.379 min Scan# 4157
Delta R.T. 0.002 min
Lab File: BM039883.D
Acq: 09 May 2023 00:25

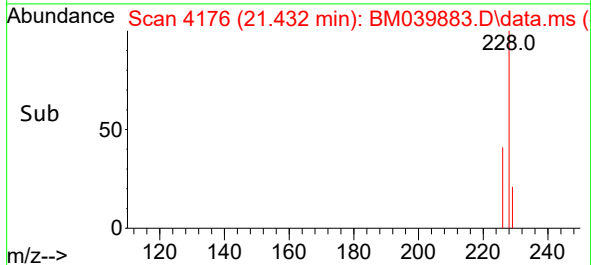
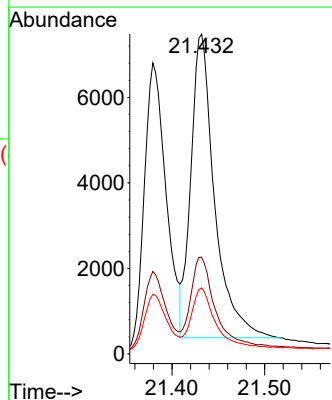
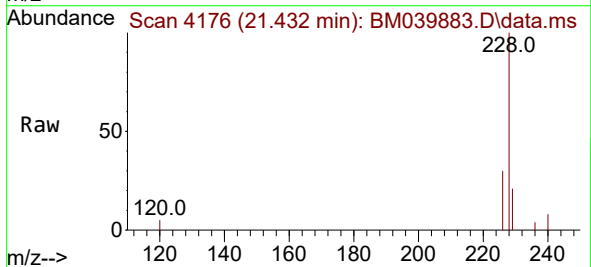
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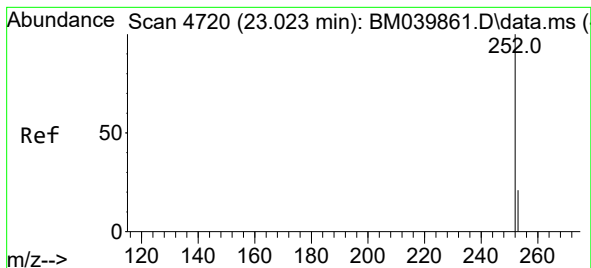
Tgt Ion:228 Resp: 11187
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.2
226 28.4 21.6 32.4



#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.432 min Scan# 4176
Delta R.T. 0.005 min
Lab File: BM039883.D
Acq: 09 May 2023 00:25

Tgt Ion:228 Resp: 12615
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 20.6 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.368 ng/ul

RT: 23.028 min Scan# 4722

Delta R.T. 0.002 min

Lab File: BM039883.D

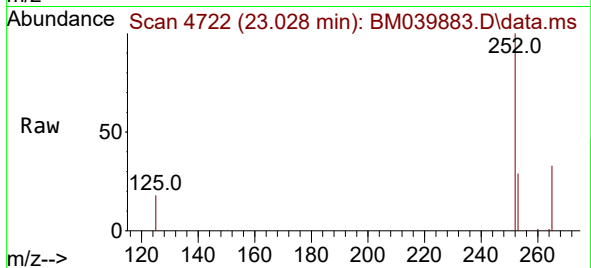
Acq: 09 May 2023 00:25

Instrument :

BNA_M

ClientSampleId :

SLCS658



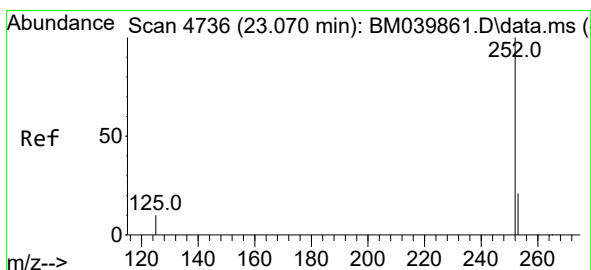
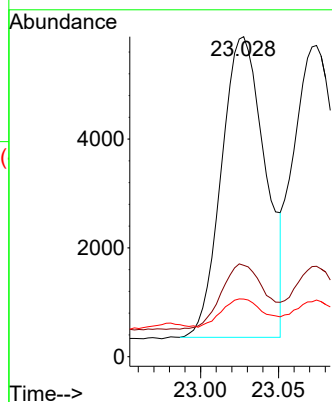
Tgt Ion:252 Resp: 10780

Ion Ratio Lower Upper

252 100

253 28.6 0.0 52.8

125 18.0 0.0 31.6



#25

Benzo(k)fluoranthene

Concen: 0.371 ng/ul

RT: 23.074 min Scan# 4738

Delta R.T. 0.005 min

Lab File: BM039883.D

Acq: 09 May 2023 00:25

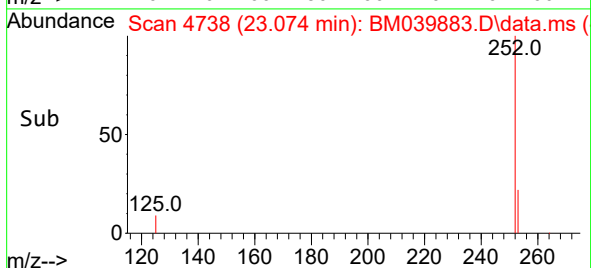
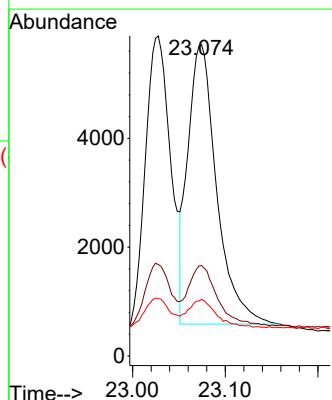
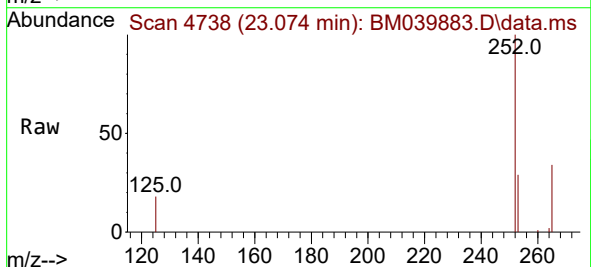
Tgt Ion:252 Resp: 11081

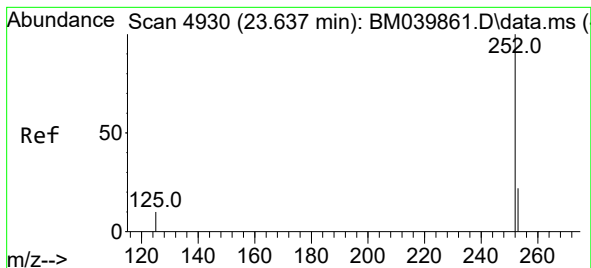
Ion Ratio Lower Upper

252 100

253 29.1 21.3 31.9

125 18.2 13.0 19.6





#26

Benzo(a)pyrene

Concen: 0.367 ng/ul

RT: 23.642 min Scan# 4930

Delta R.T. 0.005 min

Lab File: BM039883.D

Acq: 09 May 2023 00:25

Instrument :

BNA_M

ClientSampleId :

SLCS658

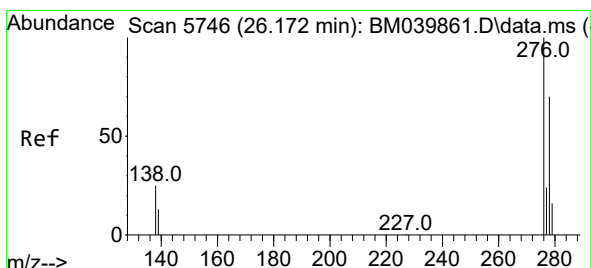
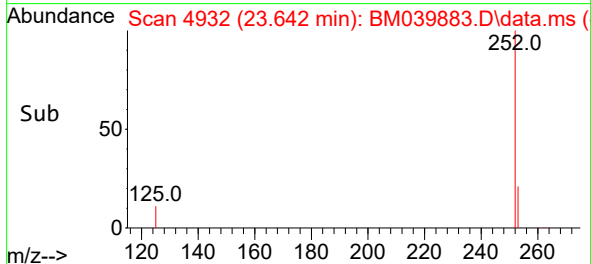
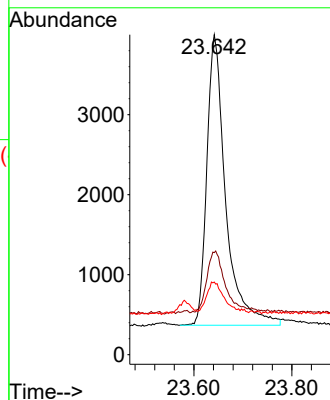
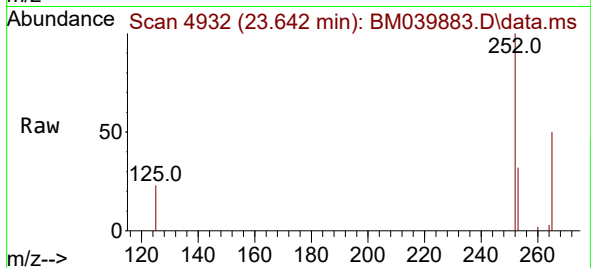
Tgt Ion:252 Resp: 9665

Ion Ratio Lower Upper

252 100

253 31.9 24.7 37.1

125 22.7 16.5 24.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.360 ng/ul

RT: 26.181 min Scan# 5749

Delta R.T. 0.009 min

Lab File: BM039883.D

Acq: 09 May 2023 00:25

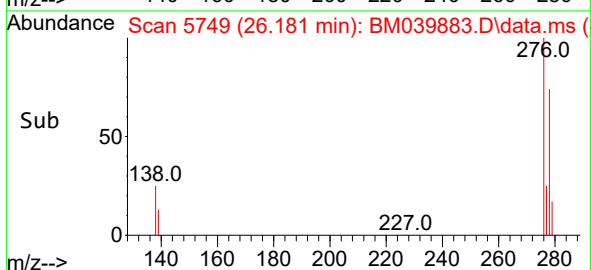
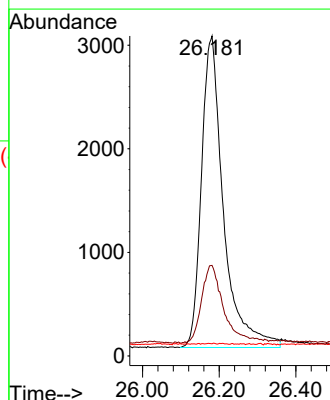
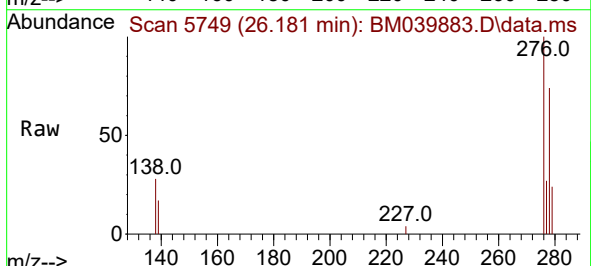
Tgt Ion:276 Resp: 11987

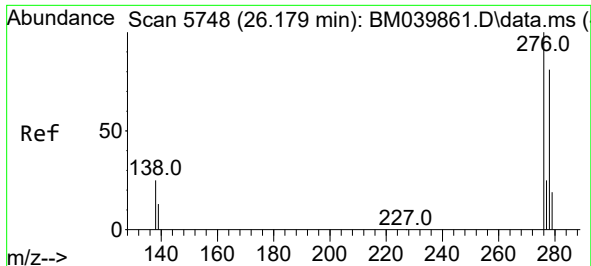
Ion Ratio Lower Upper

276 100

138 25.9 21.1 31.7

227 0.1 0.1 0.1#

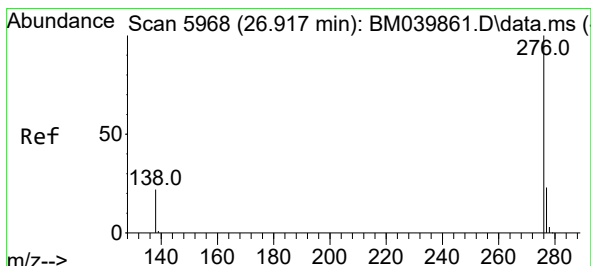
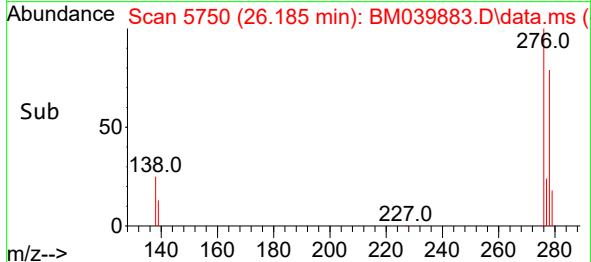
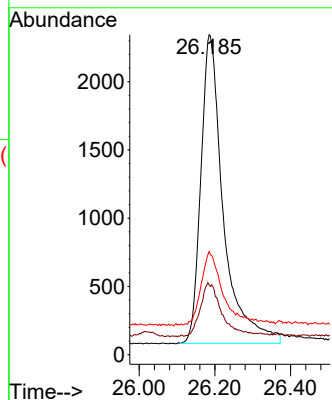
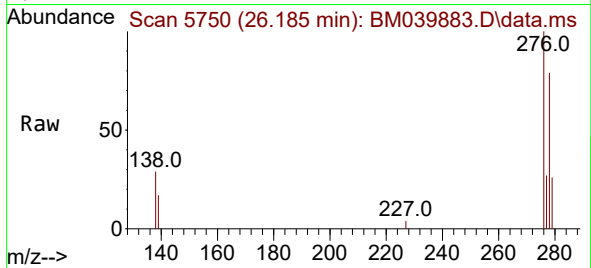




#28
Dibenzo(a,h)anthracene
Concen: 0.361 ng/ul
RT: 26.185 min Scan# 51
Delta R.T. 0.002 min
Lab File: BM039883.D
Acq: 09 May 2023 00:25

Instrument :
BNA_M
ClientSampleId :
SLCS658

Tgt Ion:278 Resp: 9318
Ion Ratio Lower Upper
278 100
139 21.8 17.0 25.6
279 32.3 23.4 35.2



#29
Benzo(g,h,i)perylene
Concen: 0.355 ng/ul
RT: 26.922 min Scan# 5970
Delta R.T. -0.001 min
Lab File: BM039883.D
Acq: 09 May 2023 00:25

Tgt Ion:276 Resp: 10296
Ion Ratio Lower Upper
276 100
138 25.3 20.1 30.1
277 26.8 20.1 30.1

