

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051623\
 Data File : BM039934.D
 Acq On : 16 May 2023 15:00
 Operator : CG/JU
 Sample : SST0.259
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.2037

Quant Time: May 17 01:34:18 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 18:02:26 2023
 Response via : Initial Calibration

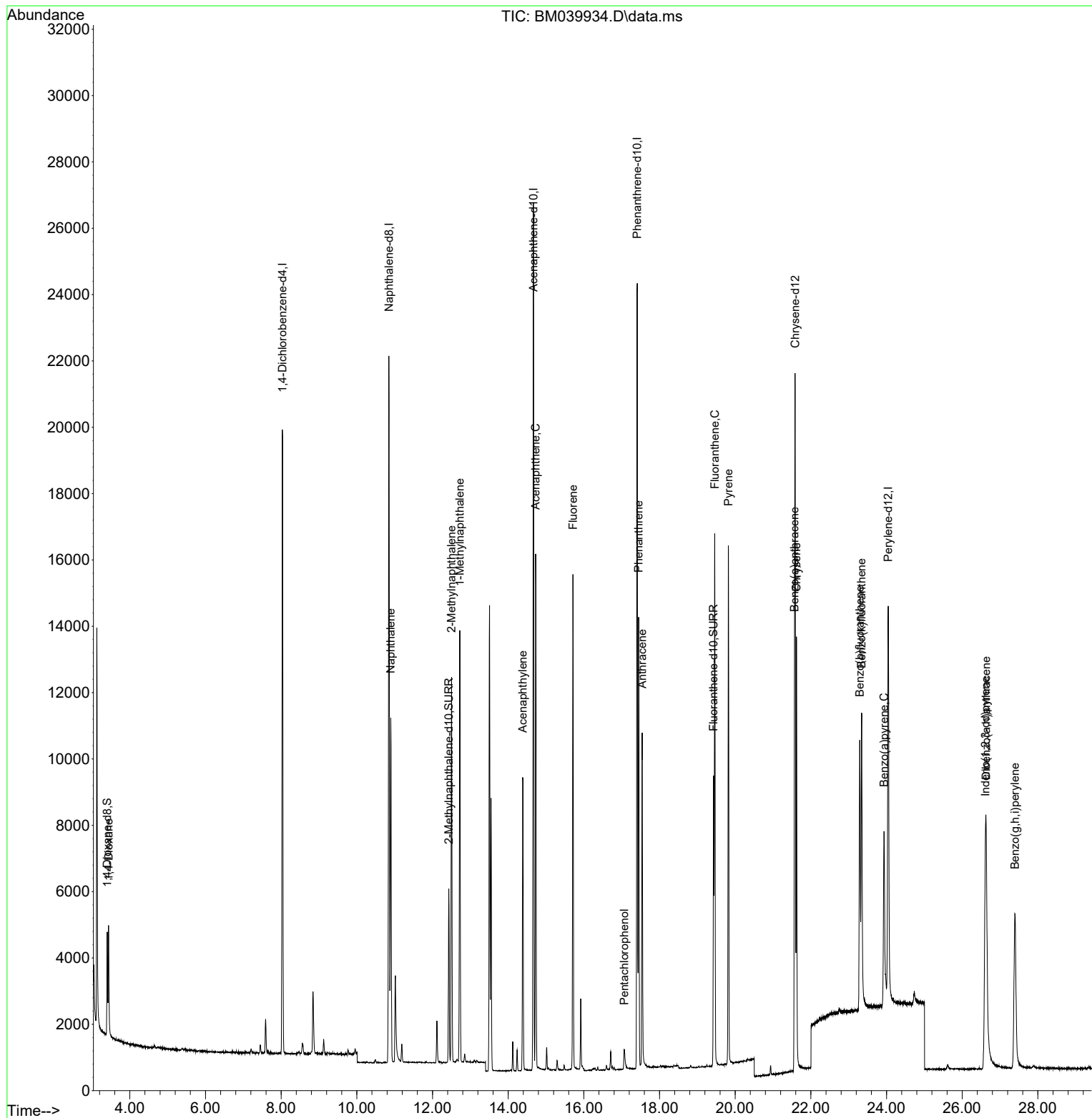
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	9202	0.400	ng/ul	0.00
4) Naphthalene-d8	10.847	136	27791	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.667	164	13307	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.410	188	26129	0.400	ng/ul	0.00
17) Chrysene-d12	21.584	240	16692	0.400	ng/ul	0.00
23) Perylene-d12	24.045	264	17749	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.403	96	2208	0.192	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.430	152	6299	0.192	ng/ul	0.00
18) Fluoranthene-d10	19.428	212	8760	0.192	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.437	88	2361	0.193	ng/ul	92
5) Naphthalene	10.896	128	13682	0.190	ng/ul	99
7) 2-Methylnaphthalene	12.502	142	7939	0.190	ng/ul	100
8) 1-Methylnaphthalene	12.722	142	8334	0.190	ng/ul	99
10) Acenaphthylene	14.385	152	10108	0.184	ng/ul	99
11) Acenaphthene	14.727	153	8510	0.187	ng/ul	99
12) Fluorene	15.712	166	8849	0.183	ng/ul	99
14) Pentachlorophenol	17.072	266	679	0.153	ng/ul	97
15) Phenanthrene	17.448	178	14329	0.188	ng/ul	99
16) Anthracene	17.540	178	11032	0.178	ng/ul	98
19) Fluoranthene	19.460	202	12986	0.189	ng/ul	98
20) Pyrene	19.823	202	12774	0.188	ng/ul	98
21) Benzo(a)anthracene	21.566	228	9144	0.181	ng/ul	98
22) Chrysene	21.619	228	11361	0.188	ng/ul	100
24) Benzo(b)fluoranthene	23.291	252	11183	0.177	ng/ul	95
25) Benzo(k)fluoranthene	23.340	252	12646	0.182	ng/ul	95
26) Benzo(a)pyrene	23.934	252	9712	0.183	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.610	276	13096	0.172	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.631	278	10386	0.169	ng/ul	94
29) Benzo(g,h,i)perylene	27.395	276	11723	0.174	ng/ul	98

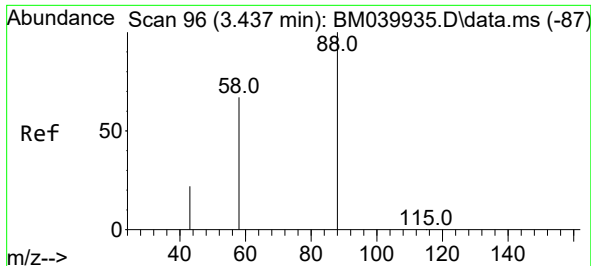
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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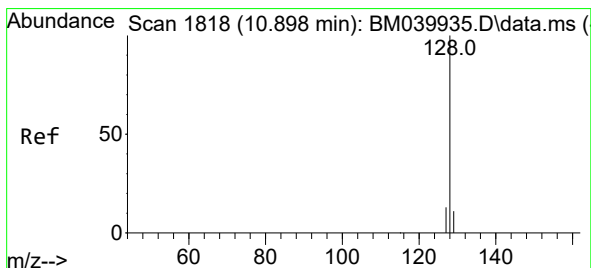
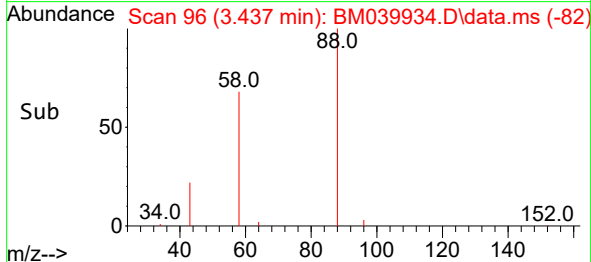
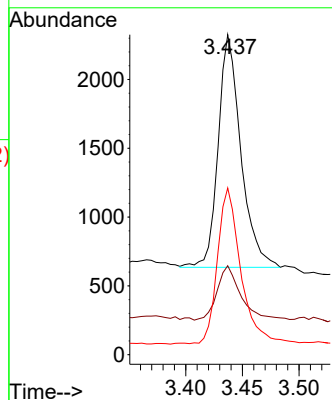
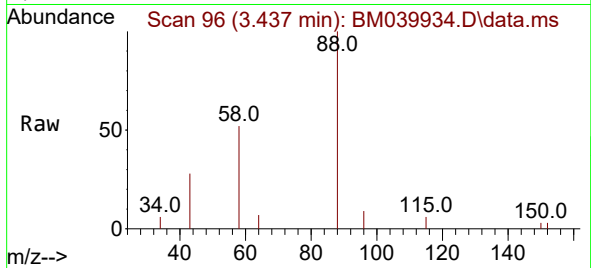




#2
1,4-Dioxane
Concen: 0.193 ng/ul
RT: 3.437 min Scan# 96
Delta R.T. -0.000 min
Lab File: BM039934.D
Acq: 16 May 2023 15:00

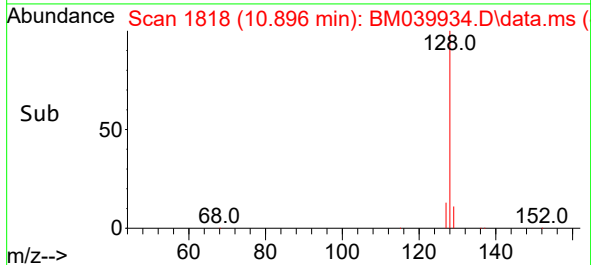
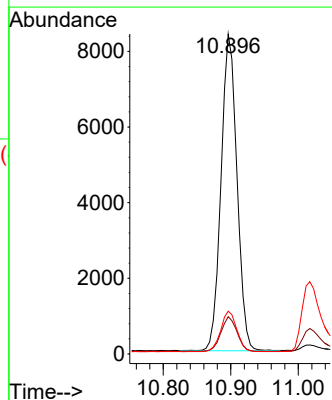
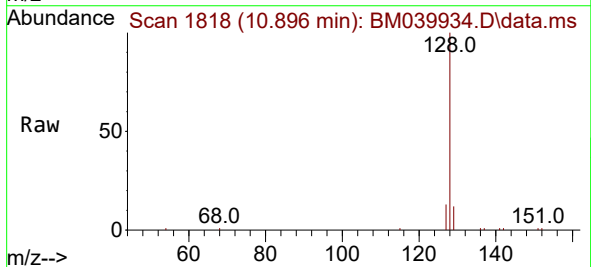
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

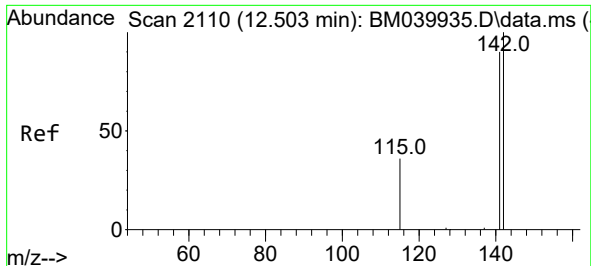
Tgt Ion: 88 Resp: 2361
Ion Ratio Lower Upper
88 100
43 27.8 20.1 30.1
58 52.1 47.4 71.2



#5
Naphthalene
Concen: 0.190 ng/ul
RT: 10.896 min Scan# 1818
Delta R.T. -0.001 min
Lab File: BM039934.D
Acq: 16 May 2023 15:00

Tgt Ion: 128 Resp: 13682
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.4 10.5 15.7

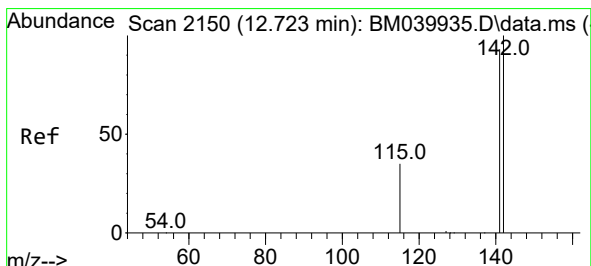
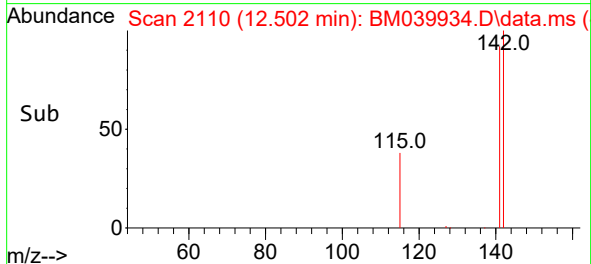
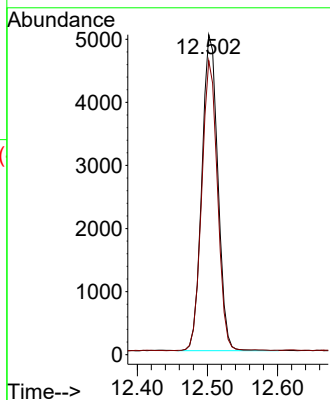
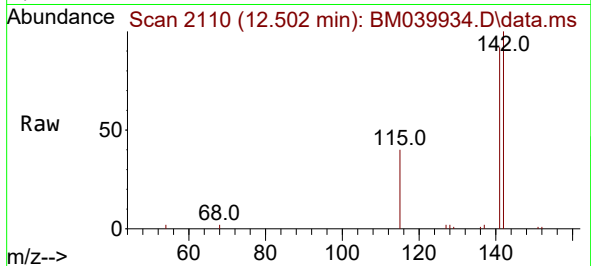




#7
2-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.502 min Scan# 2110
Delta R.T. -0.001 min
Lab File: BM039934.D
Acq: 16 May 2023 15:00

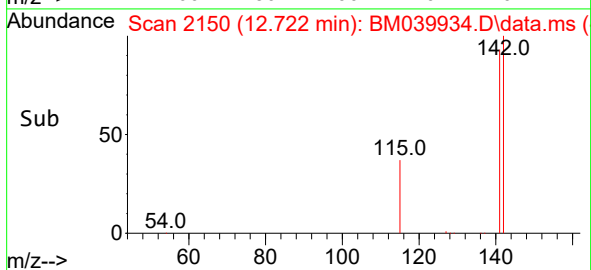
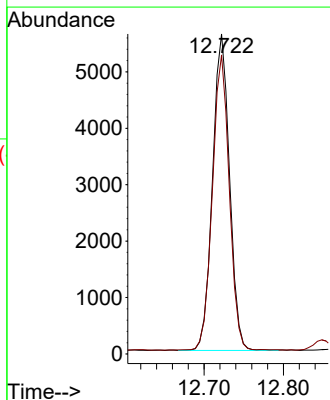
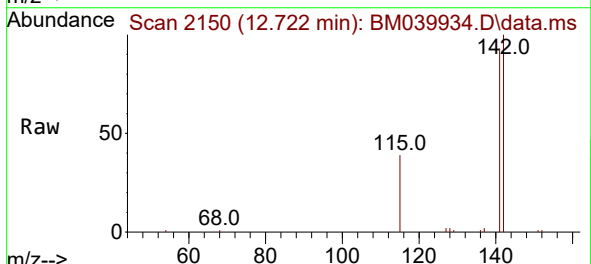
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

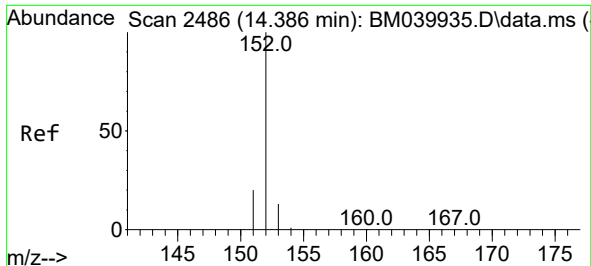
Tgt Ion:142 Resp: 7939
Ion Ratio Lower Upper
142 100
141 90.8 72.7 109.1



#8
1-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.722 min Scan# 2150
Delta R.T. -0.001 min
Lab File: BM039934.D
Acq: 16 May 2023 15:00

Tgt Ion:142 Resp: 8334
Ion Ratio Lower Upper
142 100
141 92.8 74.6 112.0

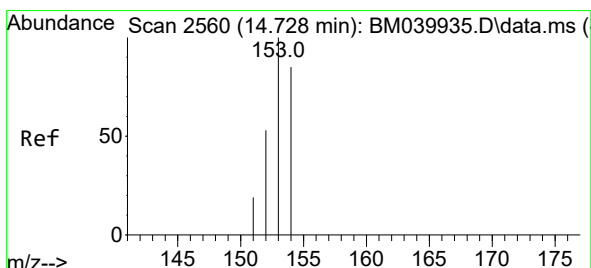
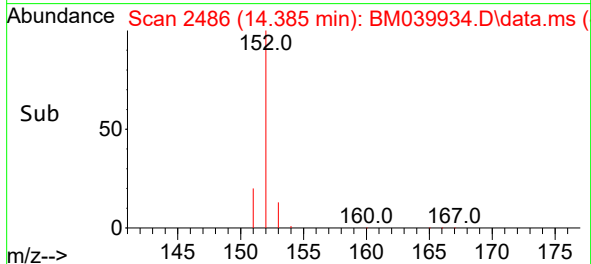
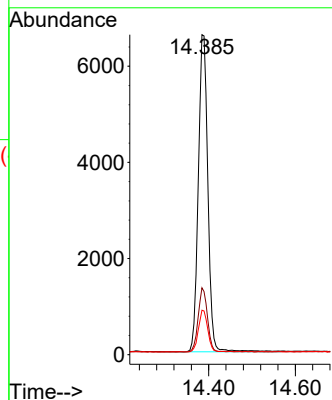
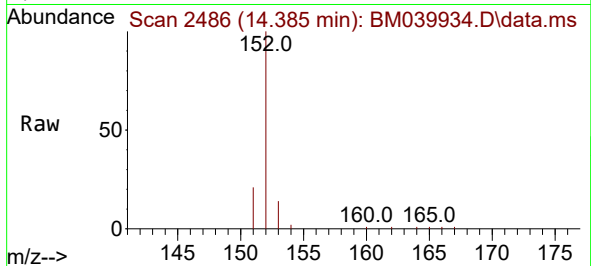




#10
Acenaphthylene
Concen: 0.184 ng/ul
RT: 14.385 min Scan# 2486
Delta R.T. -0.001 min
Lab File: BM039934.D
Acq: 16 May 2023 15:00

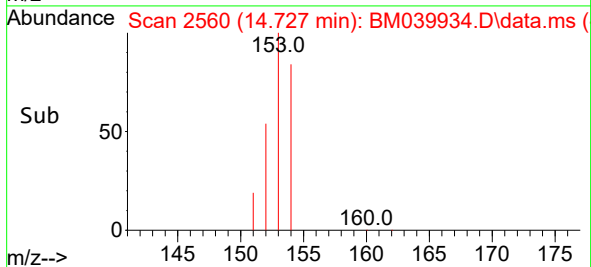
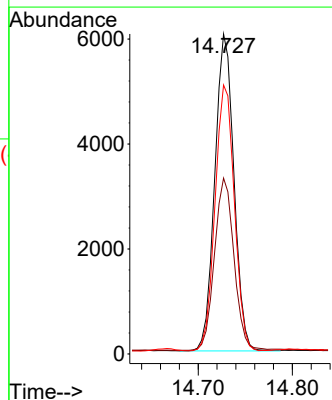
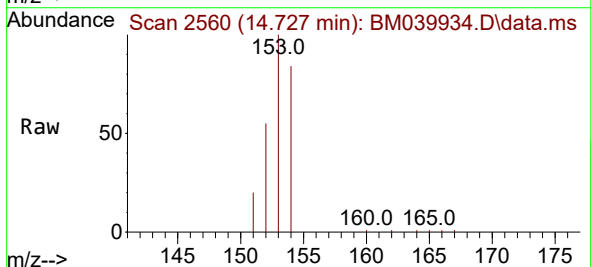
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ClientSampleId :
SSTD0.2037

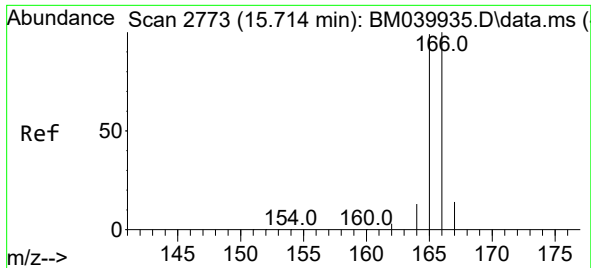
Tgt Ion:152 Resp: 10108
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.9 10.9 16.3



#11
Acenaphthene
Concen: 0.187 ng/ul
RT: 14.727 min Scan# 2560
Delta R.T. -0.001 min
Lab File: BM039934.D
Acq: 16 May 2023 15:00

Tgt Ion:153 Resp: 8510
Ion Ratio Lower Upper
153 100
152 55.0 43.1 64.7
154 84.1 67.8 101.6

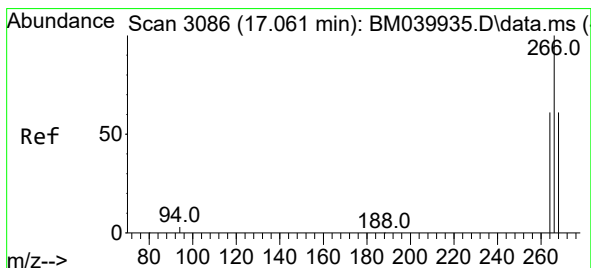
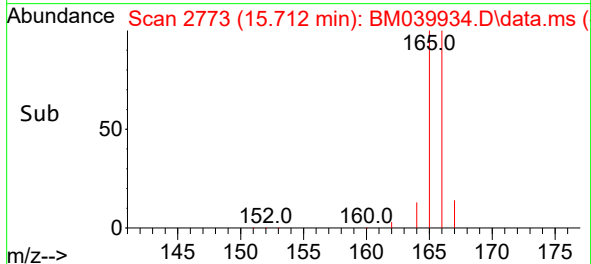
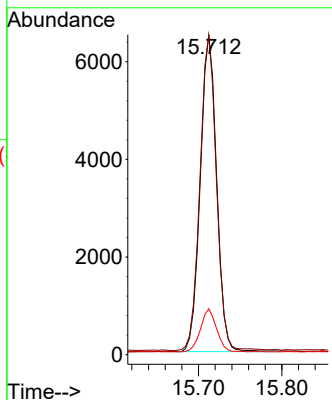
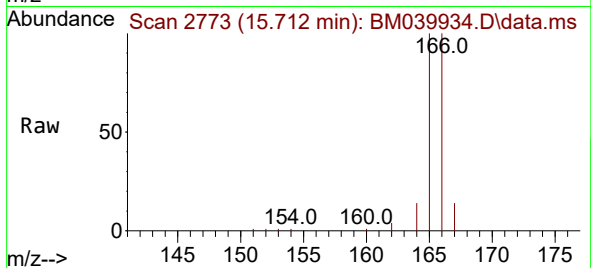




#12
 Fluorene
 Concen: 0.183 ng/ul
 RT: 15.712 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BM039934.D
 Acq: 16 May 2023 15:00

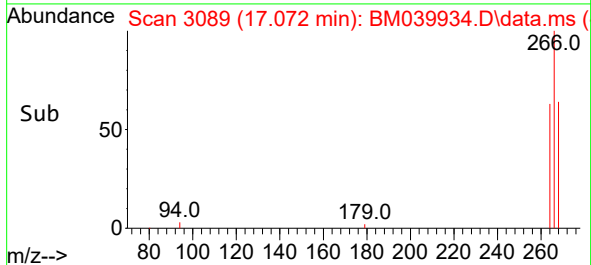
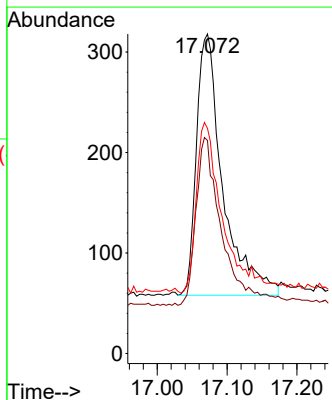
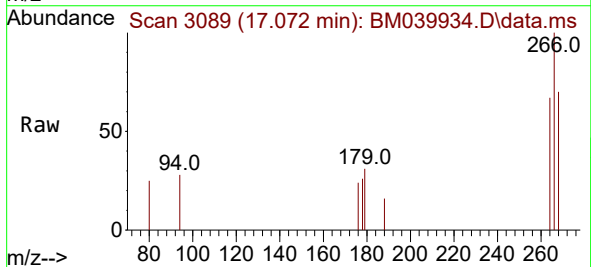
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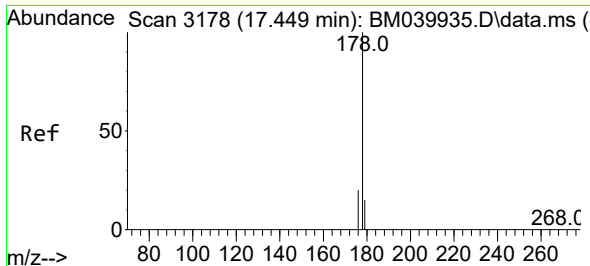
Tgt Ion:166 Resp: 8849
 Ion Ratio Lower Upper
 166 100
 165 100.2 79.3 118.9
 167 14.4 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.153 ng/ul
 RT: 17.072 min Scan# 3089
 Delta R.T. 0.011 min
 Lab File: BM039934.D
 Acq: 16 May 2023 15:00

Tgt Ion:266 Resp: 679
 Ion Ratio Lower Upper
 266 100
 264 63.6 48.9 73.3
 268 66.6 51.5 77.3

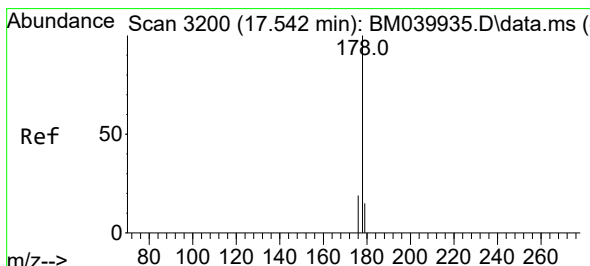
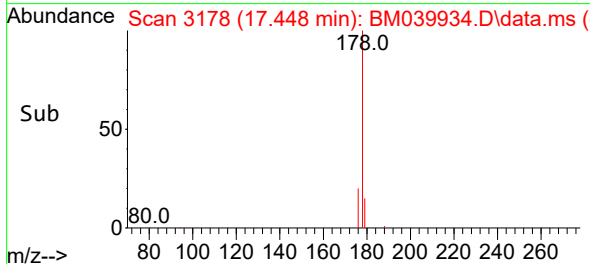
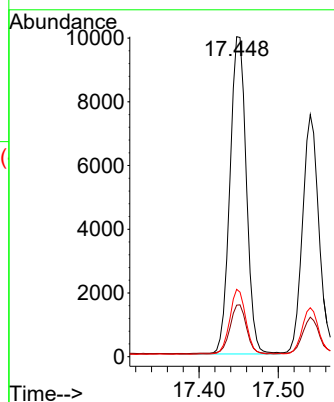
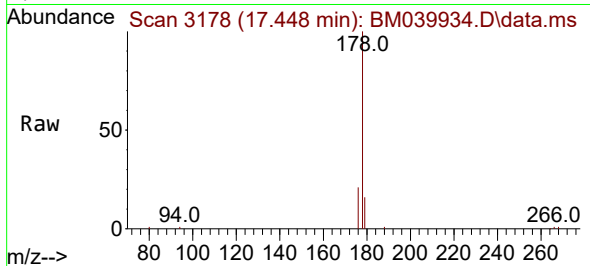




#15
Phenanthrene
Concen: 0.188 ng/ul
RT: 17.448 min Scan# 3178
Delta R.T. -0.001 min
Lab File: BM039934.D
Acq: 16 May 2023 15:00

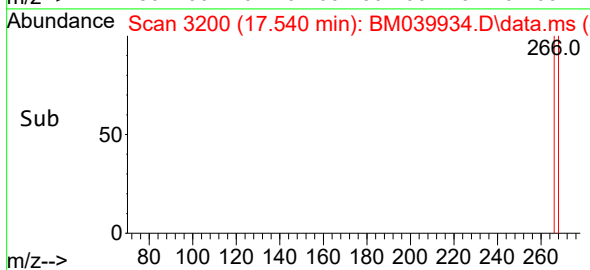
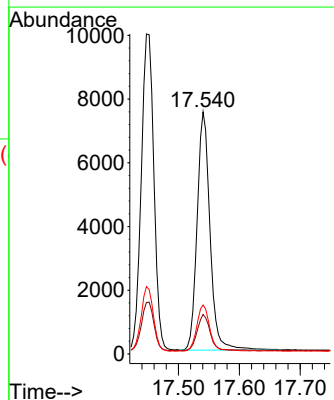
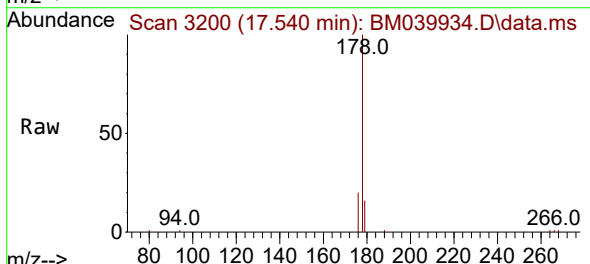
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ClientSampleId :
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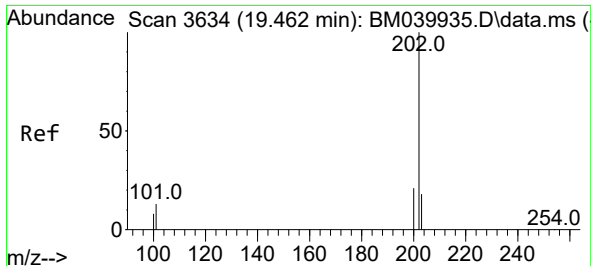
Tgt Ion:178 Resp: 14329
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 21.0 16.3 24.5



#16
Anthracene
Concen: 0.178 ng/ul
RT: 17.540 min Scan# 3200
Delta R.T. -0.001 min
Lab File: BM039934.D
Acq: 16 May 2023 15:00

Tgt Ion:178 Resp: 11032
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.2 15.4 23.2

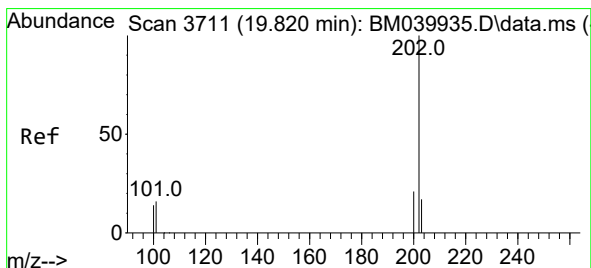
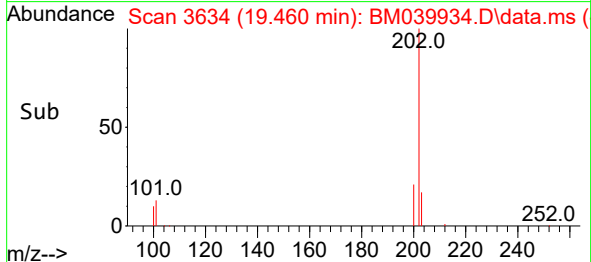
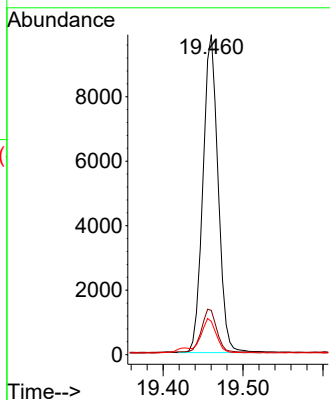
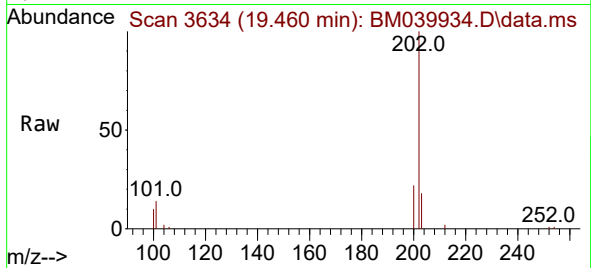




#19
Fluoranthene
Concen: 0.189 ng/ul
RT: 19.460 min Scan# 30
Delta R.T. -0.001 min
Lab File: BM039934.D
Acq: 16 May 2023 15:00

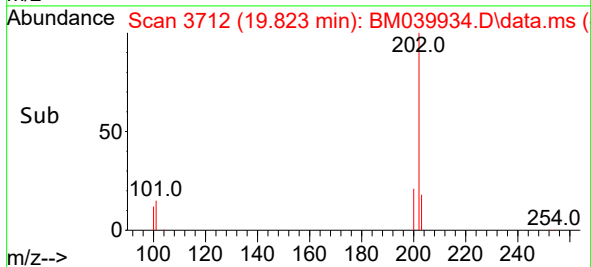
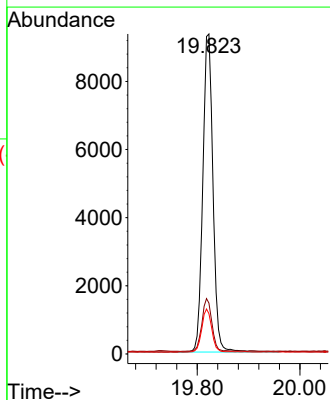
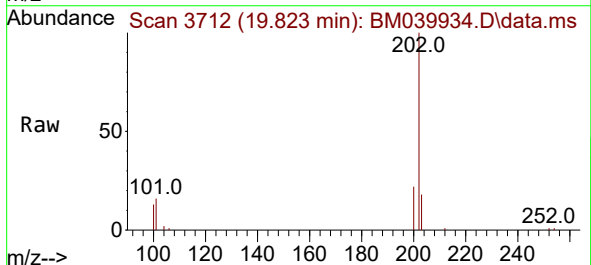
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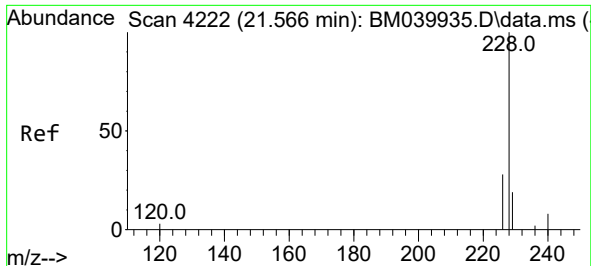
Tgt Ion:202 Resp: 12986
Ion Ratio Lower Upper
202 100
101 13.8 10.4 15.6
100 10.4 7.8 11.6



#20
Pyrene
Concen: 0.188 ng/ul
RT: 19.823 min Scan# 3712
Delta R.T. 0.003 min
Lab File: BM039934.D
Acq: 16 May 2023 15:00

Tgt Ion:202 Resp: 12774
Ion Ratio Lower Upper
202 100
101 15.9 13.4 20.0
100 12.6 11.0 16.6

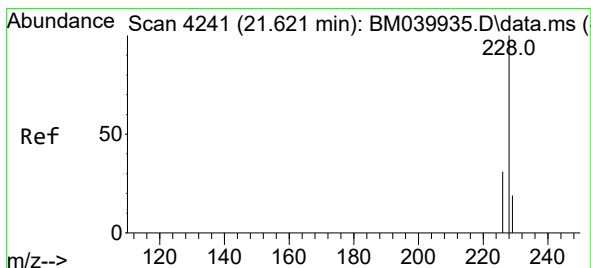
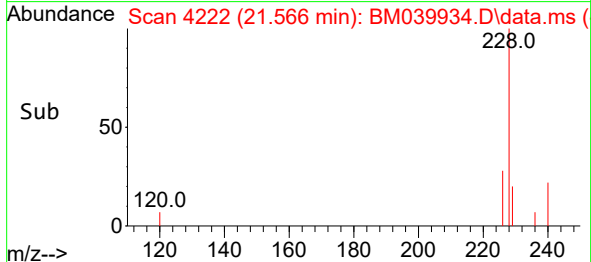
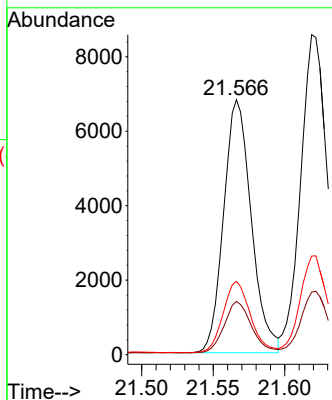
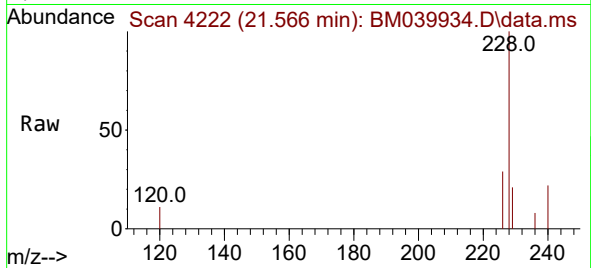




#21
Benzo(a)anthracene
Concen: 0.181 ng/ul
RT: 21.566 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM039934.D
Acq: 16 May 2023 15:00

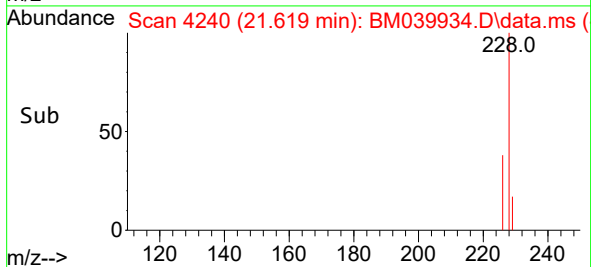
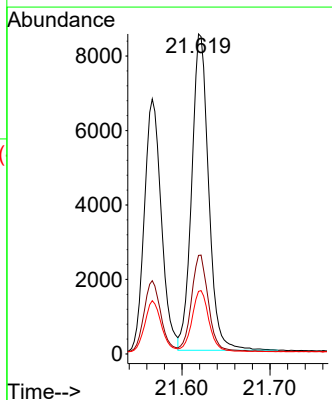
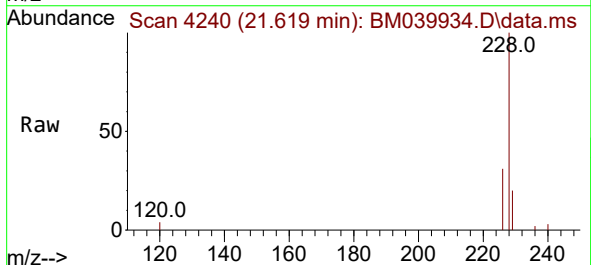
Instrument :
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SSTD0.2037

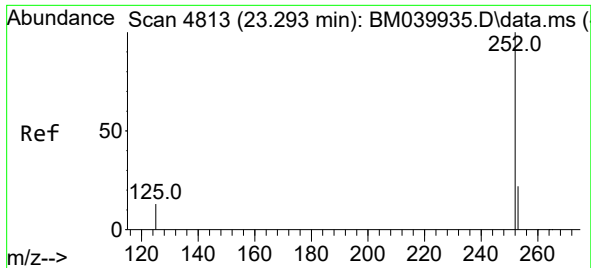
Tgt Ion:228 Resp: 9144
Ion Ratio Lower Upper
228 100
229 20.9 15.7 23.5
226 28.7 22.3 33.5



#22
Chrysene
Concen: 0.188 ng/ul
RT: 21.619 min Scan# 4240
Delta R.T. -0.003 min
Lab File: BM039934.D
Acq: 16 May 2023 15:00

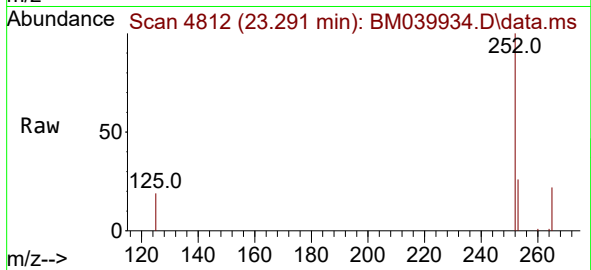
Tgt Ion:228 Resp: 11361
Ion Ratio Lower Upper
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226 30.8 24.7 37.1
229 19.5 15.6 23.4



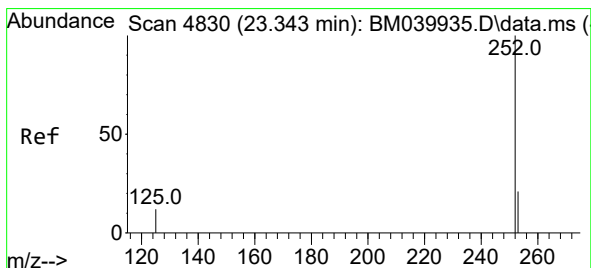
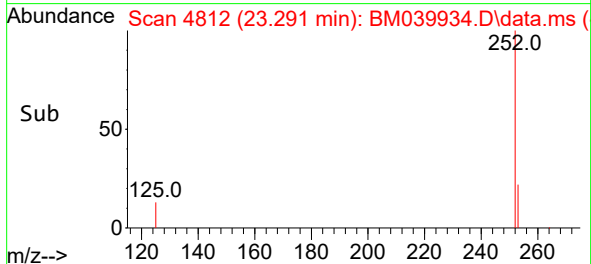
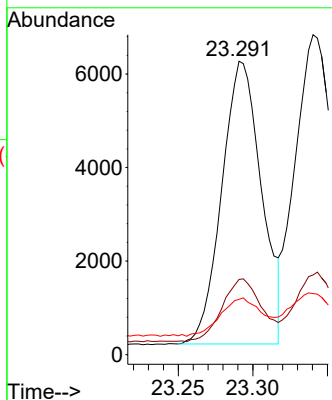


#24
Benzo(b)fluoranthene
Concen: 0.177 ng/ul
RT: 23.291 min Scan# 4812
Delta R.T. -0.003 min
Lab File: BM039934.D
Acq: 16 May 2023 15:00

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

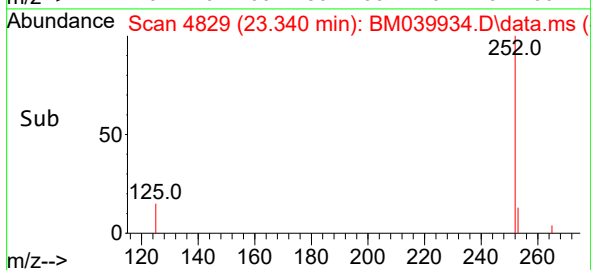
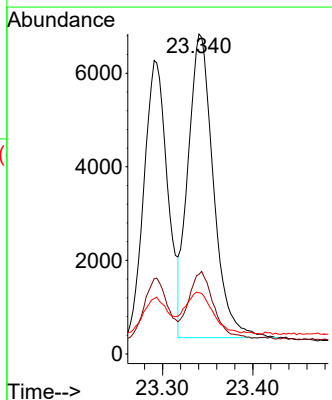
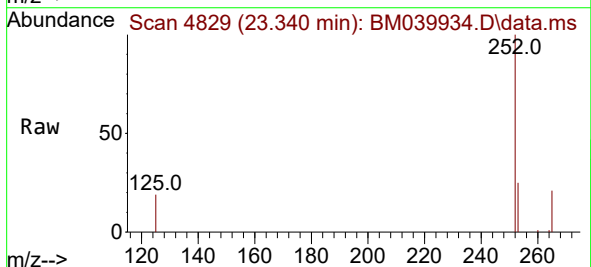


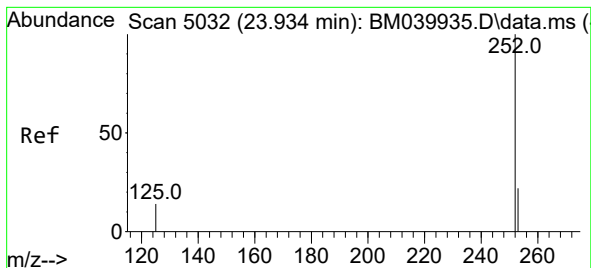
Tgt Ion:252 Resp: 11183
Ion Ratio Lower Upper
252 100
253 25.6 0.0 47.6
125 18.9 0.0 32.6



#25
Benzo(k)fluoranthene
Concen: 0.182 ng/ul
RT: 23.340 min Scan# 4829
Delta R.T. -0.003 min
Lab File: BM039934.D
Acq: 16 May 2023 15:00

Tgt Ion:252 Resp: 12646
Ion Ratio Lower Upper
252 100
253 24.9 18.4 27.6
125 19.1 12.9 19.3





#26

Benzo(a)pyrene

Concen: 0.183 ng/ul

RT: 23.934 min Scan# 5032

Delta R.T. 0.000 min

Lab File: BM039934.D

Acq: 16 May 2023 15:00

Instrument :

BNA_M

ClientSampleId :

SSTD0.2037

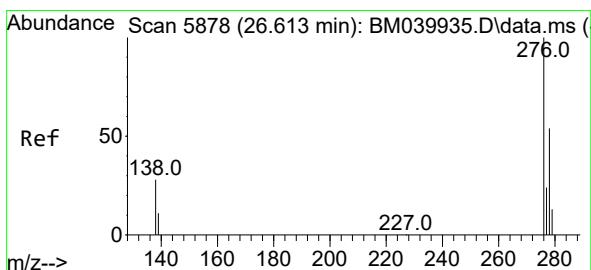
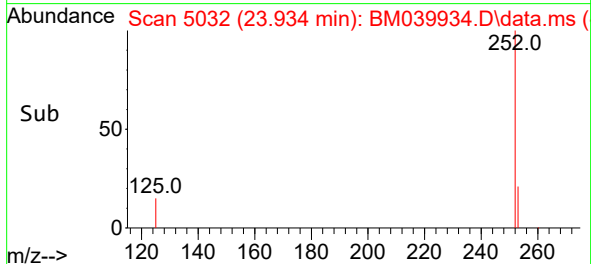
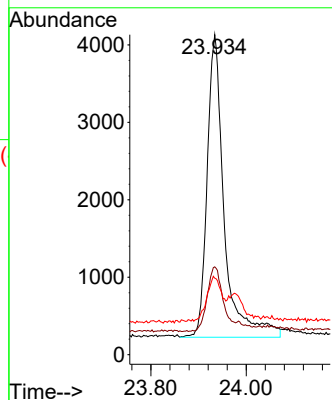
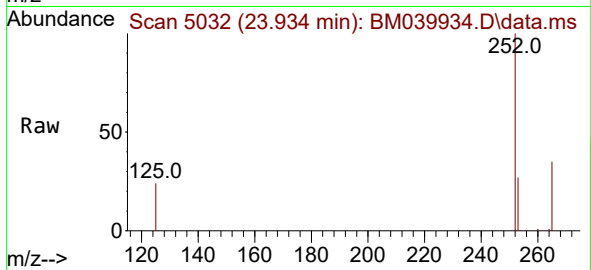
Tgt Ion:252 Resp: 9712

Ion Ratio Lower Upper

252 100

253 27.4 20.0 30.0

125 23.9 15.4 23.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.172 ng/ul

RT: 26.610 min Scan# 5877

Delta R.T. -0.003 min

Lab File: BM039934.D

Acq: 16 May 2023 15:00

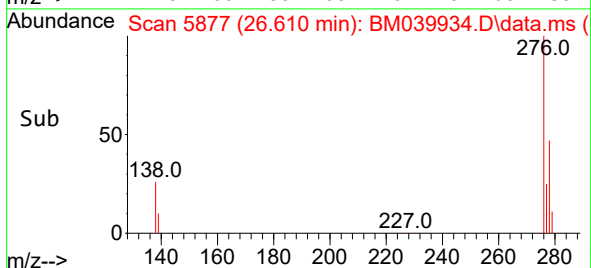
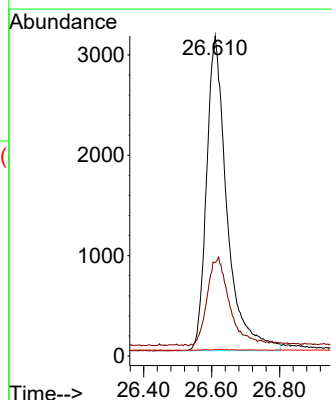
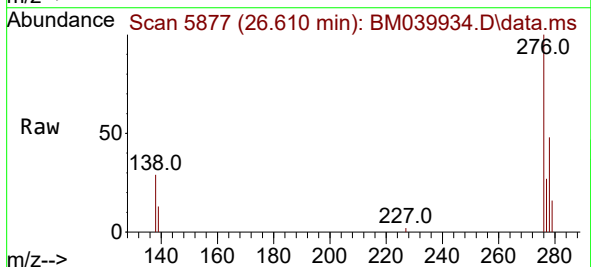
Tgt Ion:276 Resp: 13096

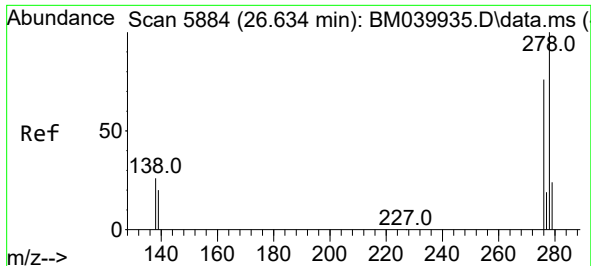
Ion Ratio Lower Upper

276 100

138 31.1 24.3 36.5

227 0.1 0.2 0.2#

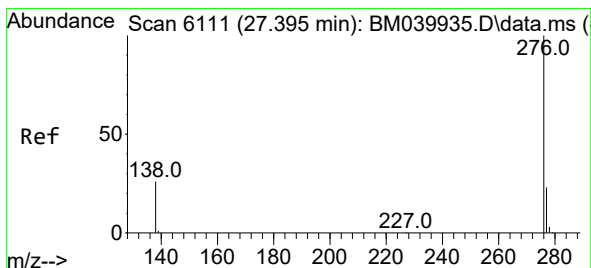
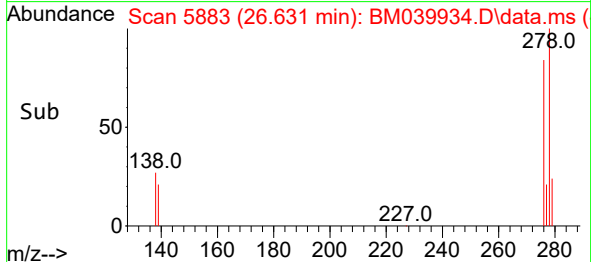
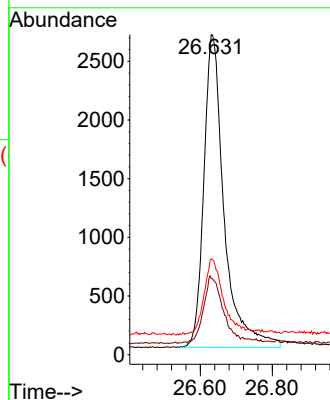
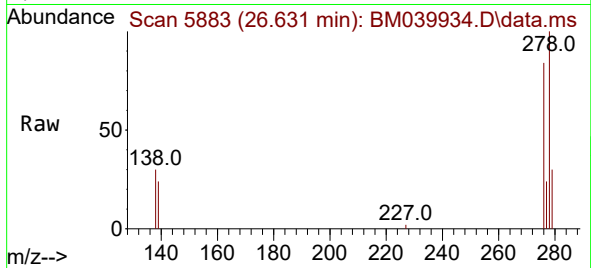




#28
 Dibenzo(a,h)anthracene
 Concen: 0.169 ng/ul
 RT: 26.631 min Scan# 5883
 Delta R.T. -0.003 min
 Lab File: BM039934.D
 Acq: 16 May 2023 15:00

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.2037

Tgt Ion:278 Resp: 10386
 Ion Ratio Lower Upper
 278 100
 139 23.8 16.9 25.3
 279 29.9 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.174 ng/ul
 RT: 27.395 min Scan# 6111
 Delta R.T. 0.000 min
 Lab File: BM039934.D
 Acq: 16 May 2023 15:00

Tgt Ion:276 Resp: 11723
 Ion Ratio Lower Upper
 276 100
 138 27.5 22.4 33.6
 277 26.2 19.5 29.3

