

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051523\
 Data File : BM039925.D
 Acq On : 15 May 2023 15:49
 Operator : CG/JU
 Sample : SST0.152
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1029

Quant Time: May 16 00:50:30 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM051523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 00:46:17 2023
 Response via : Initial Calibration

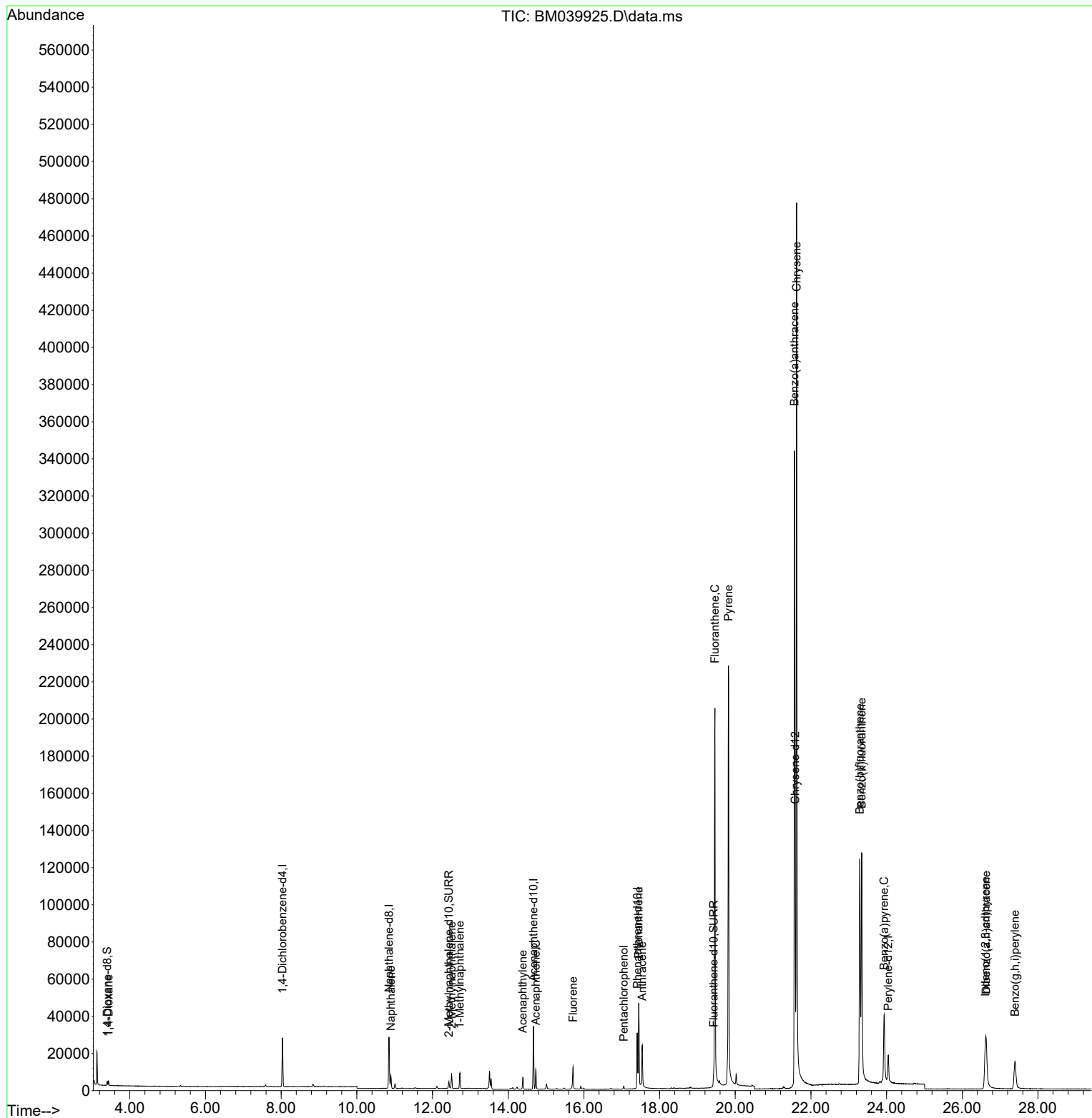
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	12709	0.400	ng/ul	0.00
4) Naphthalene-d8	10.848	136	36932	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.668	164	17327	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.411	188	33451	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	36402	0.400	ng/ul	0.00
23) Perylene-d12	24.043	264	20469	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.403	96	1596	0.085	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.432	152	4275	0.090	ng/ul	0.00
18) Fluoranthene-d10	19.429	212	5713	0.058	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.437	88	1691	0.087	ng/ul#	61
5) Naphthalene	10.897	128	9402	0.101	ng/ul	97
7) 2-Methylnaphthalene	12.503	142	5519	0.103	ng/ul	99
8) 1-Methylnaphthalene	12.723	142	5706	0.099	ng/ul	99
10) Acenaphthylene	14.386	152	7461	0.111	ng/ul	99
11) Acenaphthene	14.728	153	5849	0.111	ng/ul	99
12) Fluorene	15.714	166	8044	0.138	ng/ul	98
14) Pentachlorophenol	17.052	266	1189	0.163	ng/ul	97
15) Phenanthrene	17.449	178	55470	0.629	ng/ul	100
16) Anthracene	17.542	178	28628	0.378	ng/ul	100
19) Fluoranthene	19.462	202	187733	1.446	ng/ul	99
20) Pyrene	19.819	202	206627	1.473	ng/ul	100
21) Benzo(a)anthracene	21.567	228	301588	2.882	ng/ul	100
22) Chrysene	21.623	228	428444	3.617	ng/ul	99
24) Benzo(b)fluoranthene	23.292	252	167720	2.333	ng/ul	99
25) Benzo(k)fluoranthene	23.342	252	171507	2.343	ng/ul	100
26) Benzo(a)pyrene	23.935	252	64825	1.004	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.612	276	48449	0.594	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.632	278	36284	0.573	ng/ul	100
29) Benzo(g,h,i)perylene	27.393	276	37694	0.530	ng/ul	99

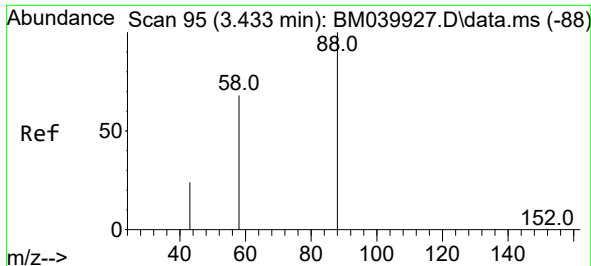
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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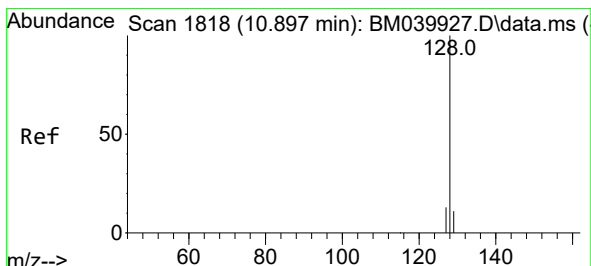
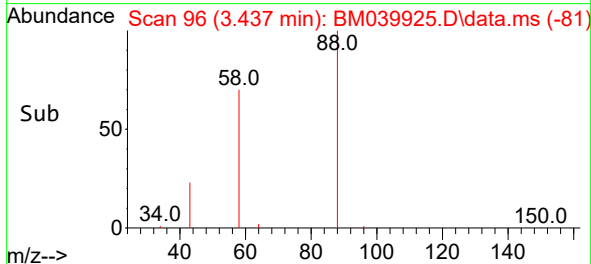
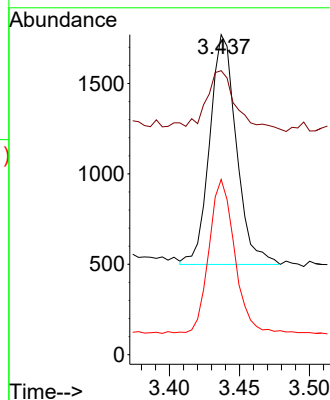
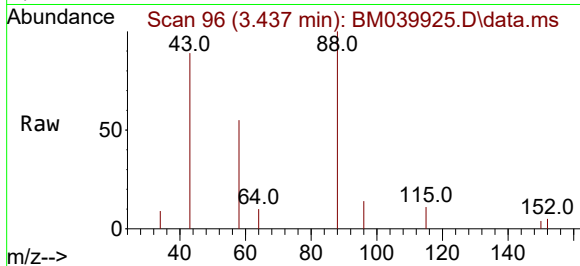




#2
1,4-Dioxane
Concen: 0.087 ng/ul
RT: 3.437 min Scan# 95
Delta R.T. 0.004 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

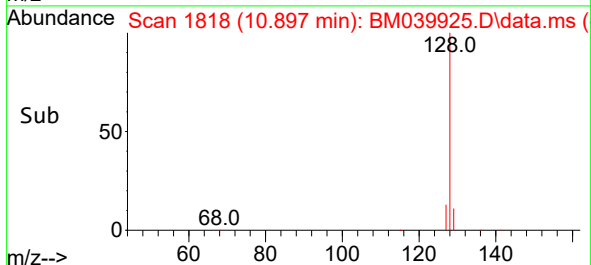
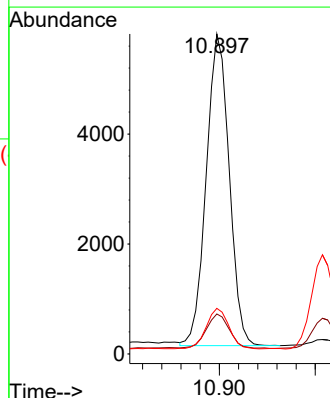
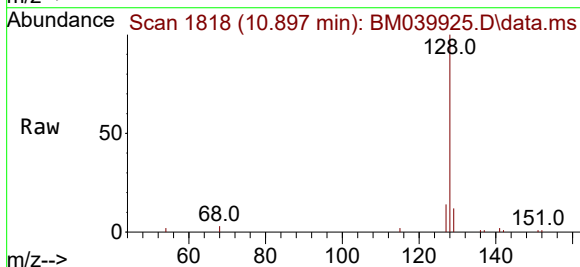
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

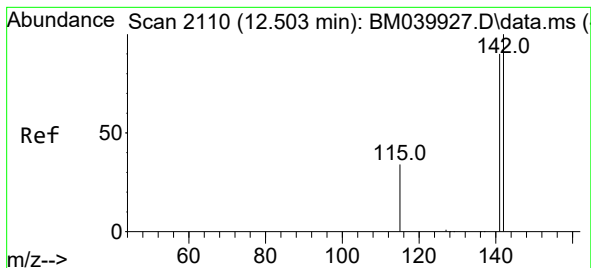
Tgt Ion: 88 Resp: 1691
Ion Ratio Lower Upper
88 100
43 88.8 29.0 43.4#
58 54.7 49.3 73.9



#5
Naphthalene
Concen: 0.101 ng/ul
RT: 10.897 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

Tgt Ion: 128 Resp: 9402
Ion Ratio Lower Upper
128 100
129 12.5 8.8 13.2
127 14.2 10.5 15.7

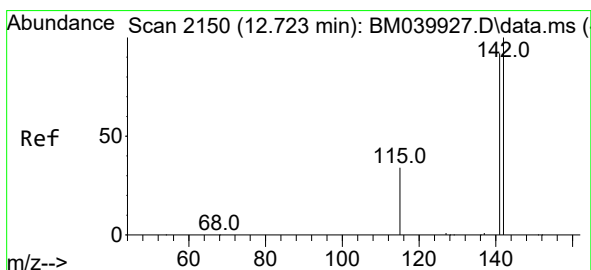
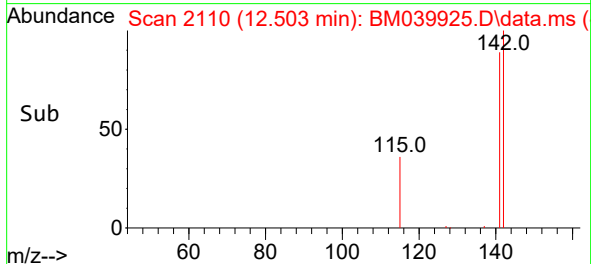
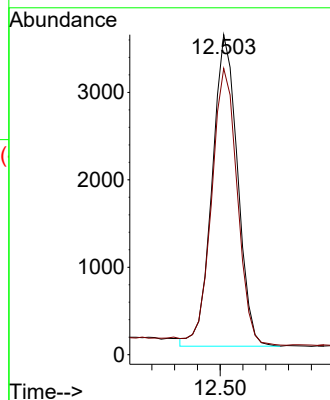
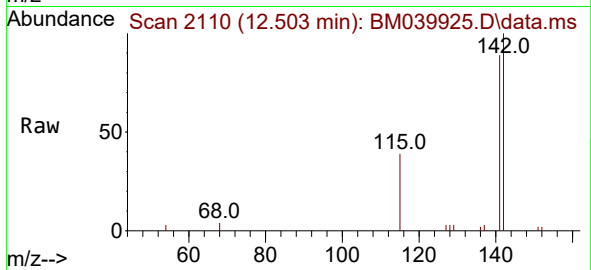




#7
2-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.503 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

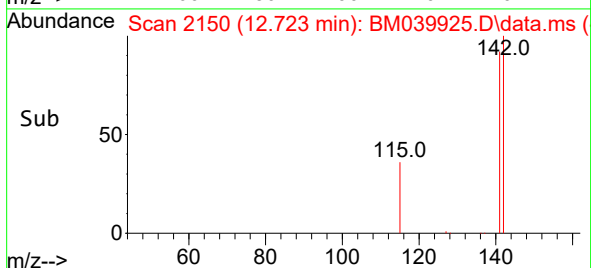
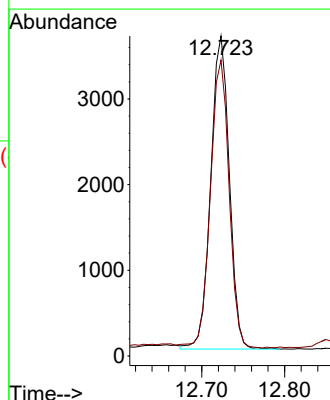
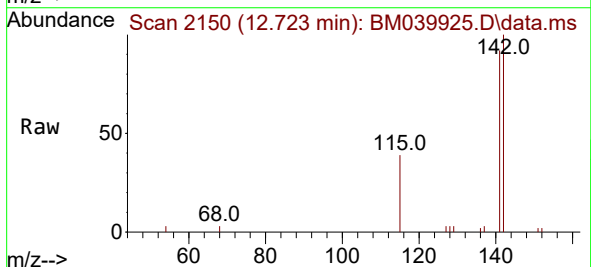
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

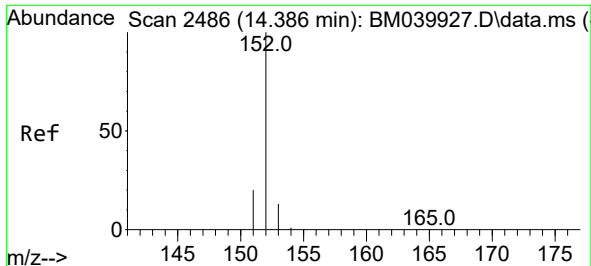
Tgt Ion:142 Resp: 5519
Ion Ratio Lower Upper
142 100
141 89.5 72.0 108.0



#8
1-Methylnaphthalene
Concen: 0.099 ng/ul
RT: 12.723 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

Tgt Ion:142 Resp: 5706
Ion Ratio Lower Upper
142 100
141 92.3 74.3 111.5

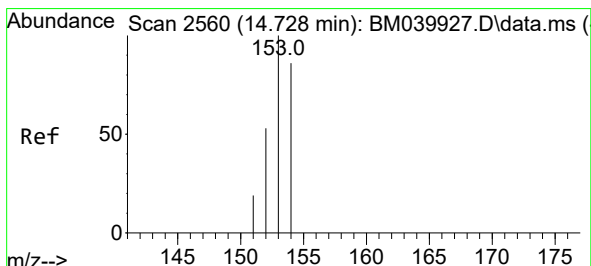
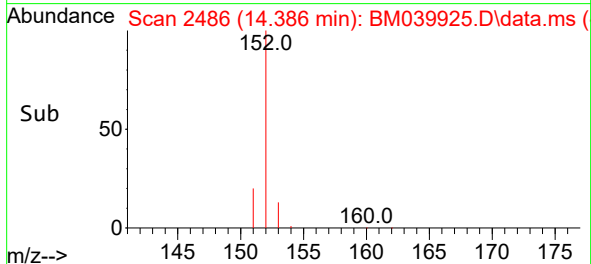
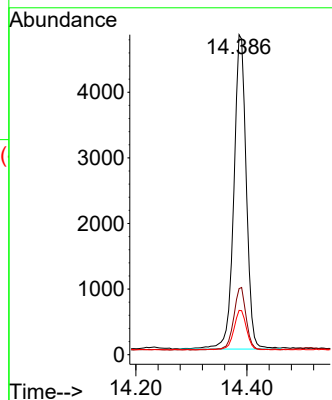
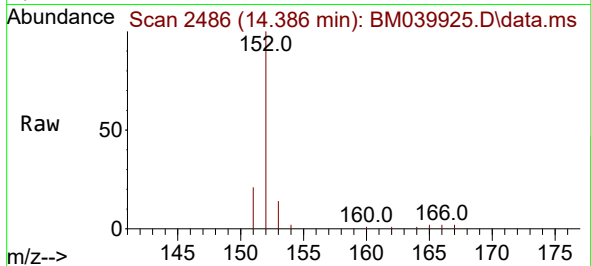




#10
Acenaphthylene
Concen: 0.111 ng/ul
RT: 14.386 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

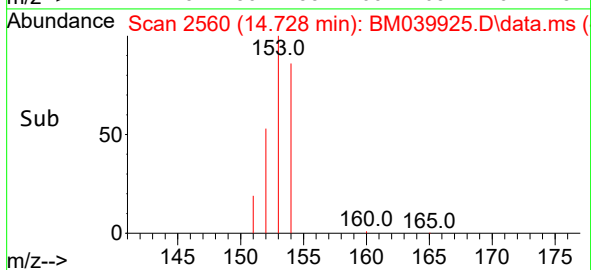
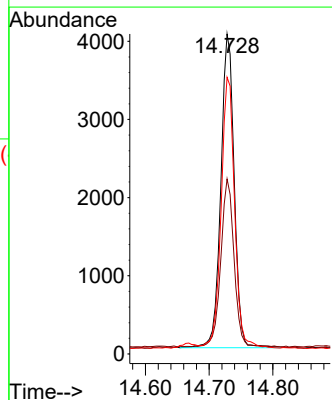
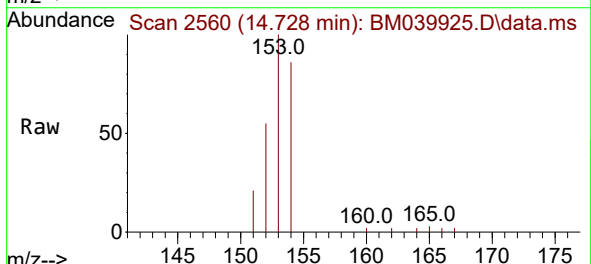
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

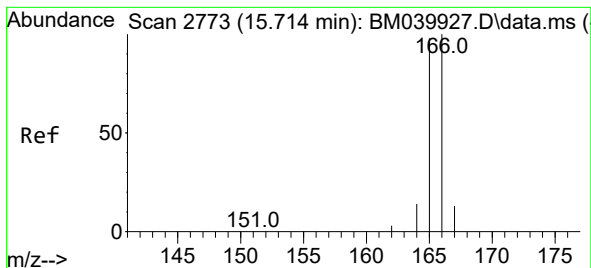
Tgt Ion:152 Resp: 7461
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.9 10.7 16.1



#11
Acenaphthene
Concen: 0.111 ng/ul
RT: 14.728 min Scan# 2560
Delta R.T. -0.000 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

Tgt Ion:153 Resp: 5849
Ion Ratio Lower Upper
153 100
152 54.7 42.6 63.8
154 86.5 68.6 103.0





#12

Fluorene

Concen: 0.138 ng/ul

RT: 15.714 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039925.D

Acq: 15 May 2023 15:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.1029

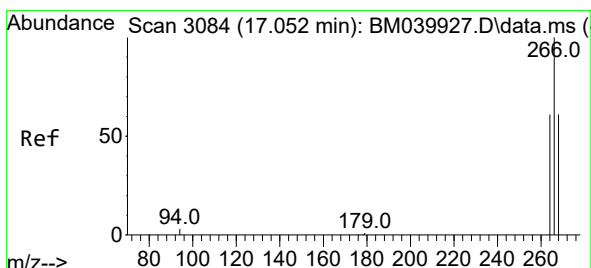
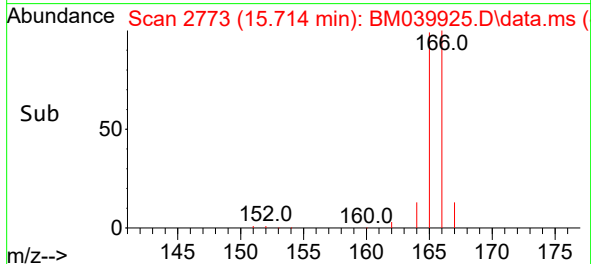
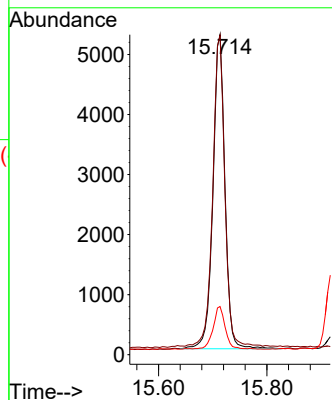
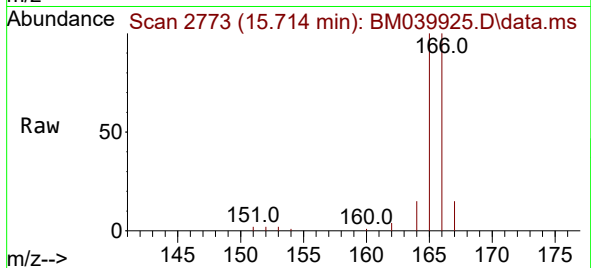
Tgt Ion:166 Resp: 8044

Ion Ratio Lower Upper

166 100

165 99.8 78.8 118.2

167 15.0 10.9 16.3



#14

Pentachlorophenol

Concen: 0.163 ng/ul

RT: 17.052 min Scan# 3084

Delta R.T. -0.000 min

Lab File: BM039925.D

Acq: 15 May 2023 15:49

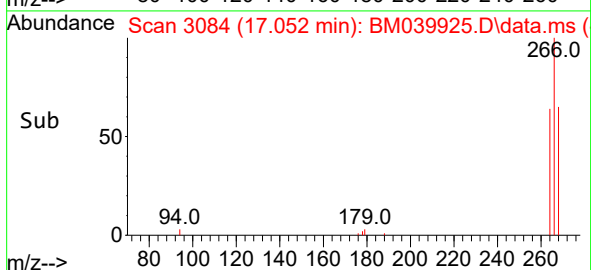
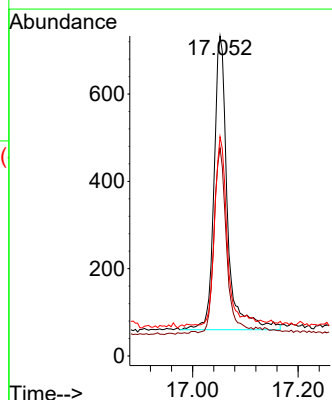
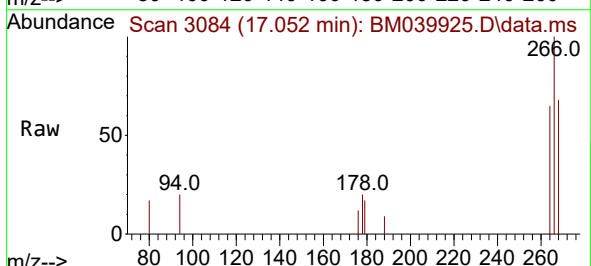
Tgt Ion:266 Resp: 1189

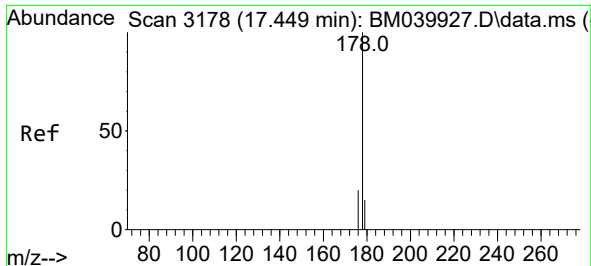
Ion Ratio Lower Upper

266 100

264 57.9 49.6 74.4

268 62.8 49.6 74.4

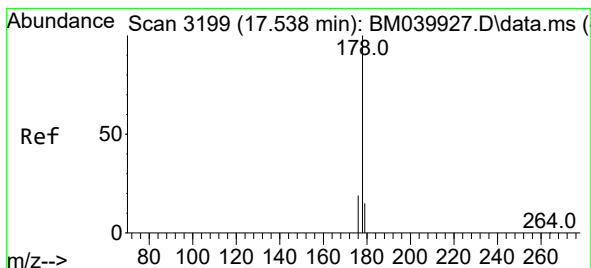
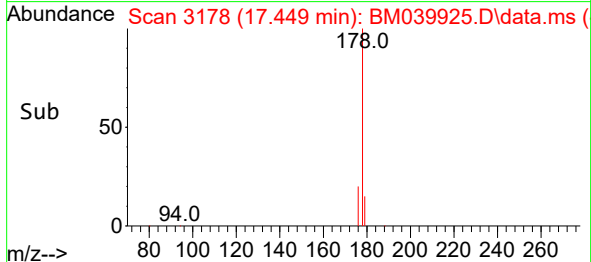
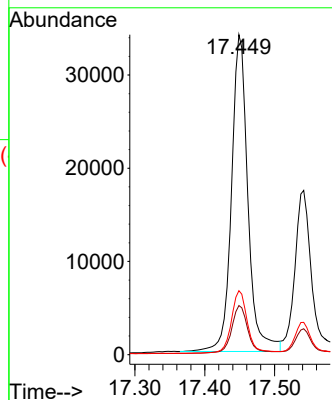
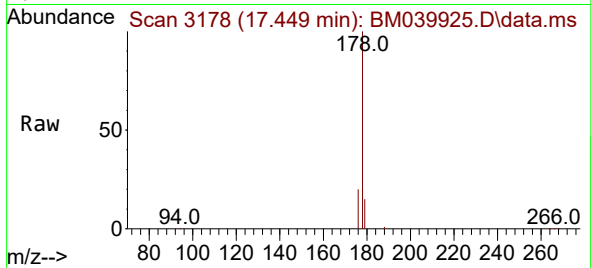




#15
Phenanthrene
Concen: 0.629 ng/ul
RT: 17.449 min Scan# 3178
Delta R.T. -0.000 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

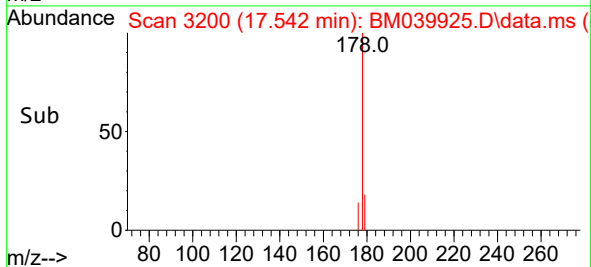
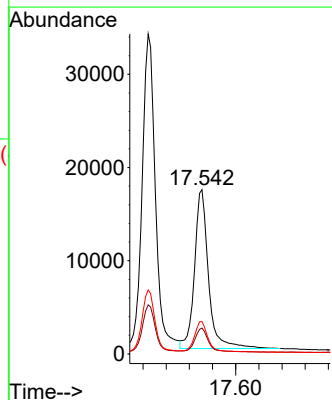
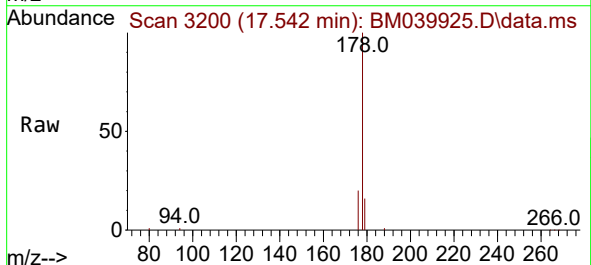
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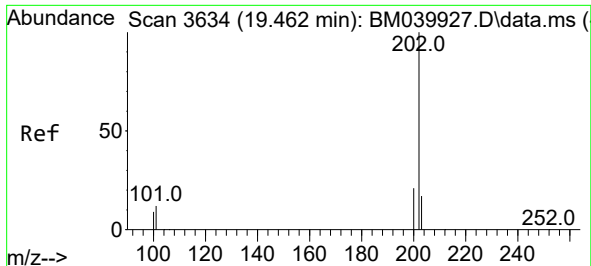
Tgt Ion:178 Resp: 55470
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 20.0 16.0 24.0



#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.542 min Scan# 3200
Delta R.T. 0.004 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

Tgt Ion:178 Resp: 28628
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.6 15.6 23.4

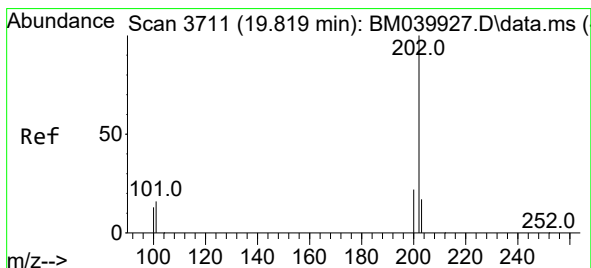
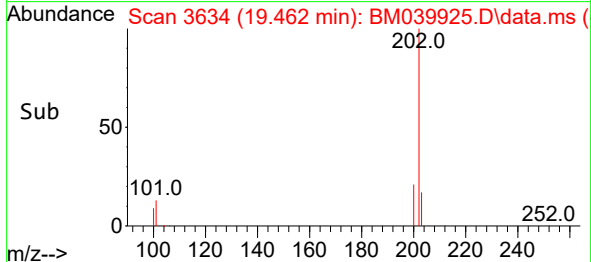
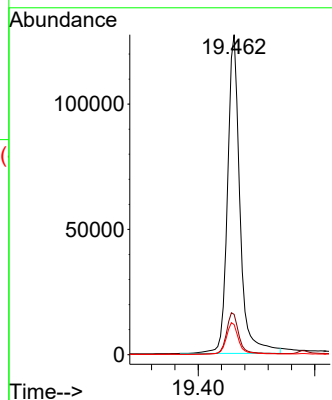
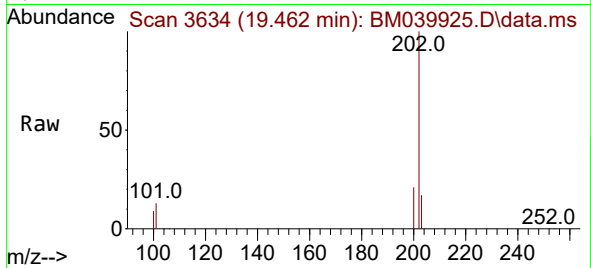




#19
Fluoranthene
Concen: 1.446 ng/ul
RT: 19.462 min Scan# 3634
Delta R.T. -0.000 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

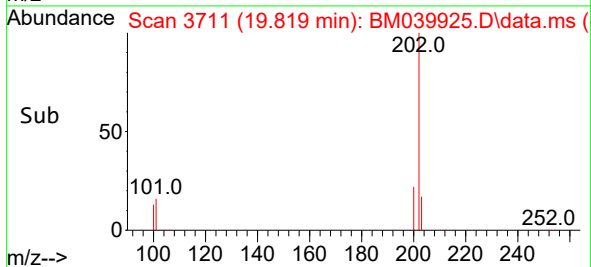
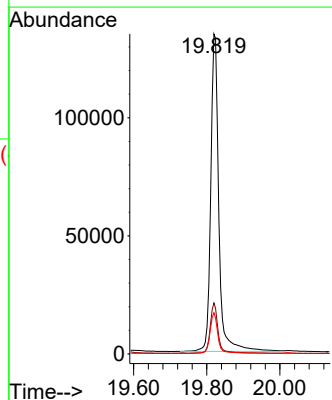
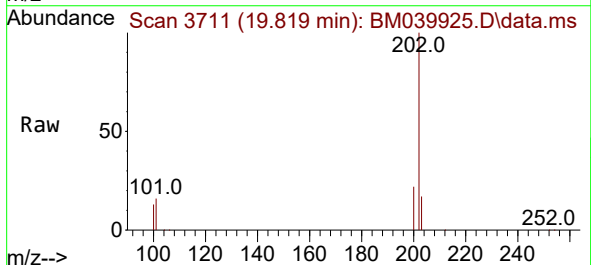
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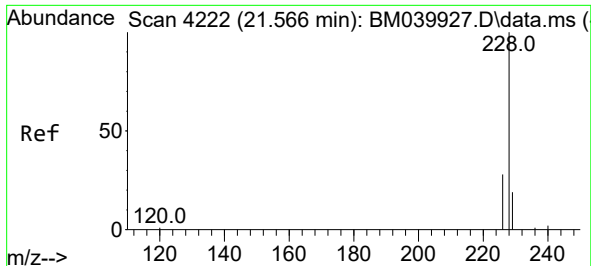
Tgt Ion:202 Resp: 187733
Ion Ratio Lower Upper
202 100
101 12.6 9.9 14.9
100 9.4 7.4 11.0



#20
Pyrene
Concen: 1.473 ng/ul
RT: 19.819 min Scan# 3711
Delta R.T. -0.000 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

Tgt Ion:202 Resp: 206627
Ion Ratio Lower Upper
202 100
101 15.9 12.7 19.1
100 12.9 10.4 15.6

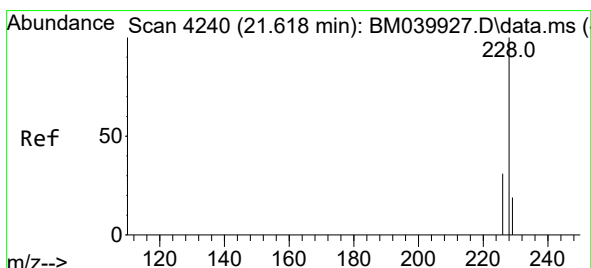
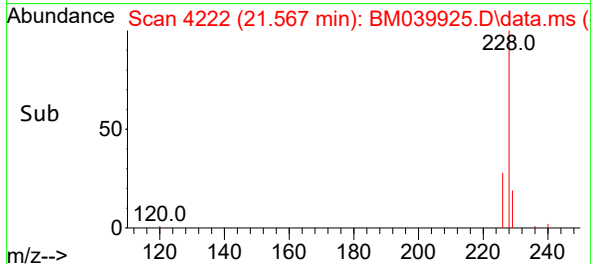
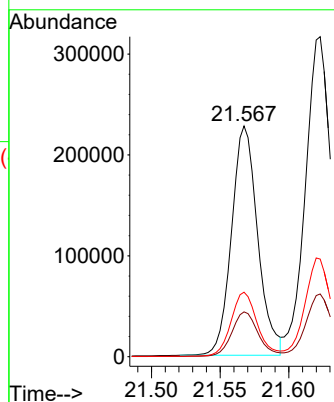
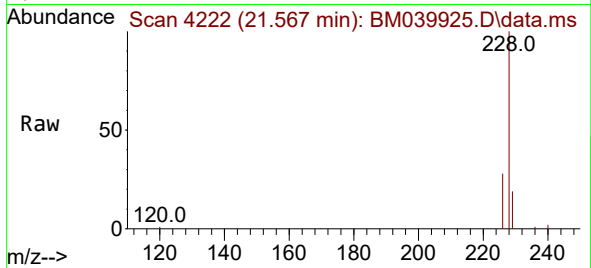




#21
Benzo(a)anthracene
Concen: 2.882 ng/ul
RT: 21.567 min Scan# 41
Delta R.T. 0.002 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

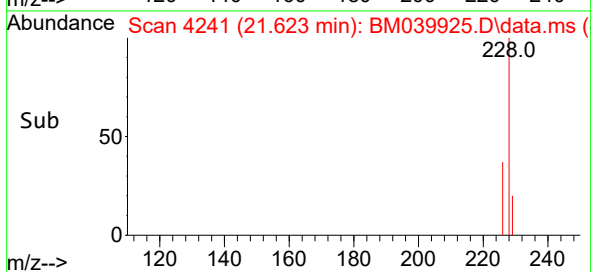
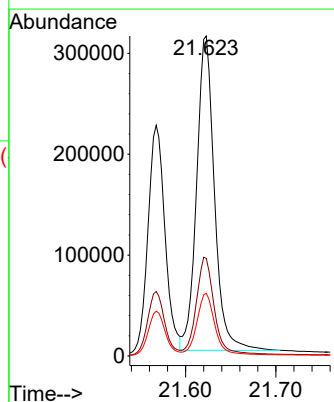
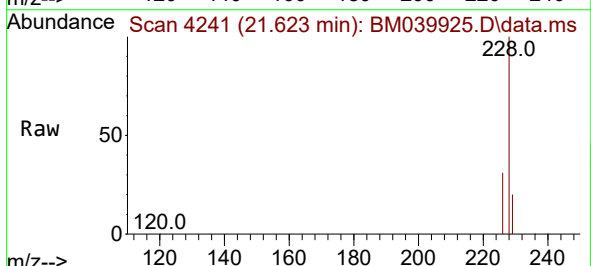
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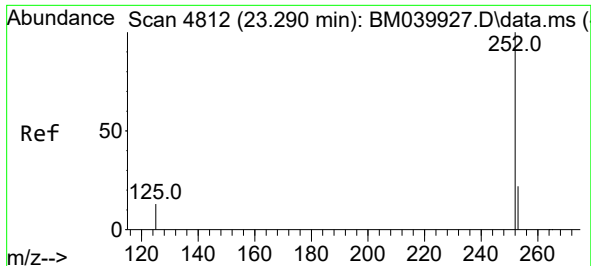
Tgt Ion:228 Resp: 301588
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 28.0 22.2 33.4



#22
Chrysene
Concen: 3.617 ng/ul
RT: 21.623 min Scan# 4241
Delta R.T. 0.005 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

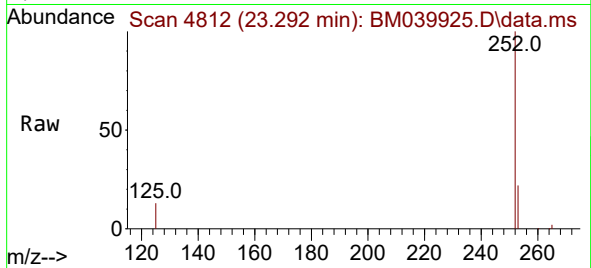
Tgt Ion:228 Resp: 428444
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.6 15.4 23.2



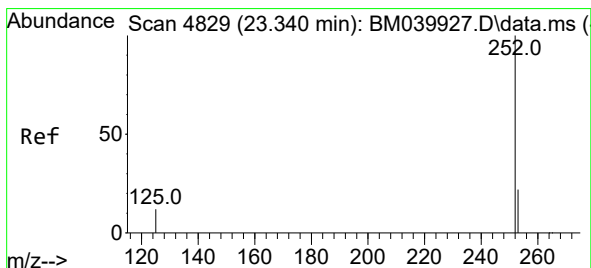
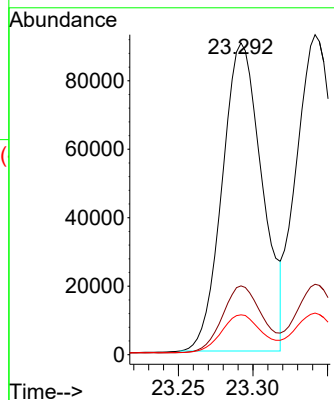


#24
Benzo(b)fluoranthene
Concen: 2.333 ng/ul
RT: 23.292 min Scan# 4812
Delta R.T. 0.002 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

Instrument :
BNA_M
ClientSampleId :
SSTD0.1029

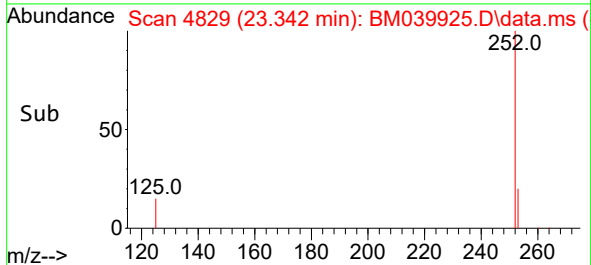
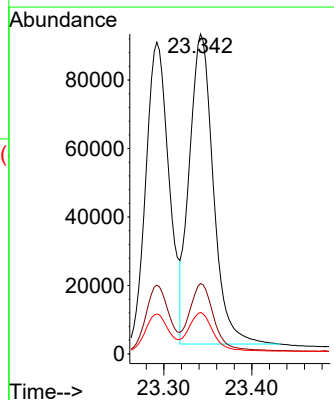
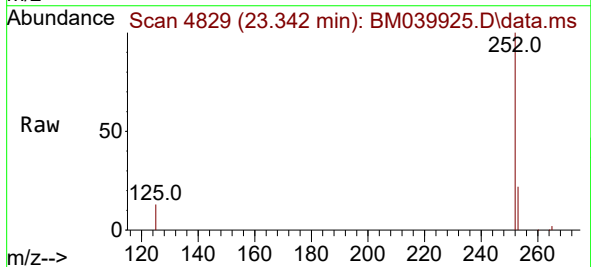


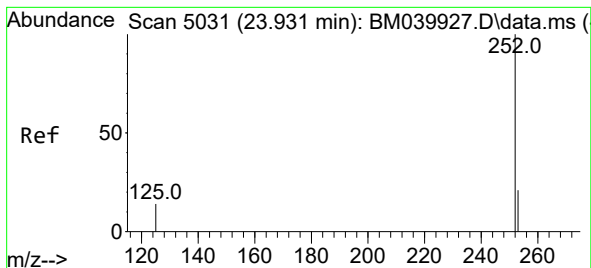
Tgt Ion:252 Resp: 167720
Ion Ratio Lower Upper
252 100
253 22.1 0.0 43.8
125 12.8 0.0 26.4



#25
Benzo(k)fluoranthene
Concen: 2.343 ng/ul
RT: 23.342 min Scan# 4829
Delta R.T. 0.002 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

Tgt Ion:252 Resp: 171507
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 13.0 10.6 15.8





#26

Benzo(a)pyrene

Concen: 1.004 ng/ul

RT: 23.935 min Scan# 5031

Delta R.T. 0.005 min

Lab File: BM039925.D

Acq: 15 May 2023 15:49

Instrument :

BNA_M

ClientSampleId :

SSTD0.1029

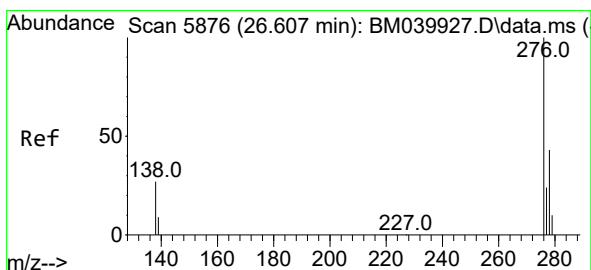
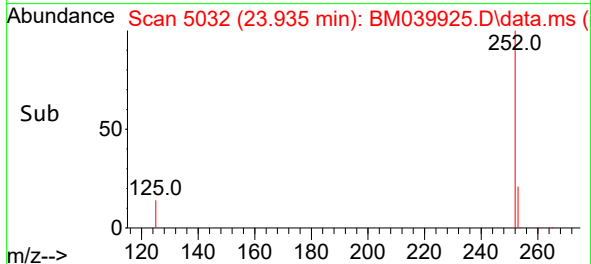
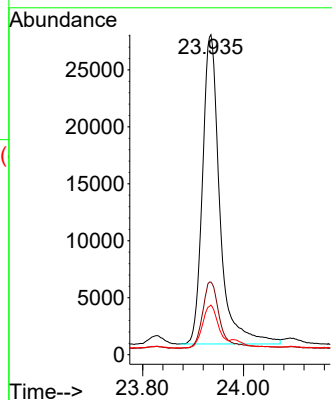
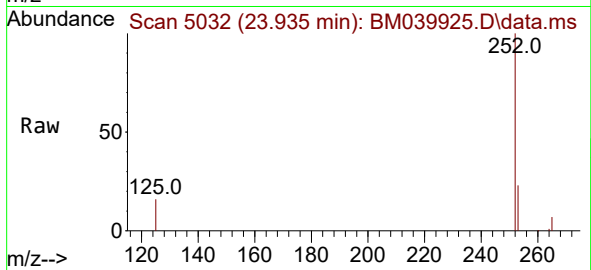
Tgt Ion:252 Resp: 64825

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

125 15.5 12.3 18.5



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.594 ng/ul

RT: 26.612 min Scan# 5877

Delta R.T. 0.005 min

Lab File: BM039925.D

Acq: 15 May 2023 15:49

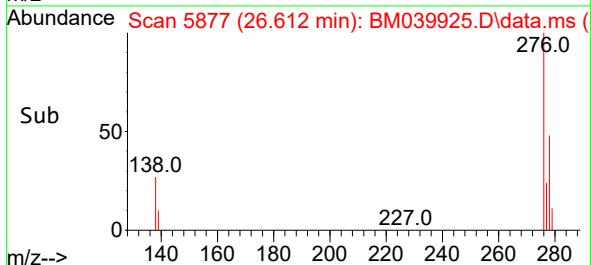
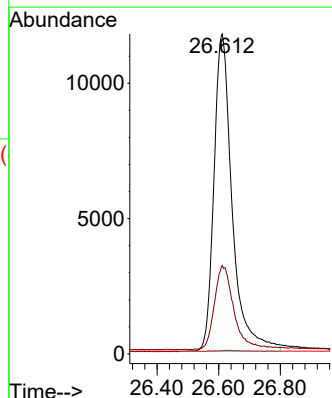
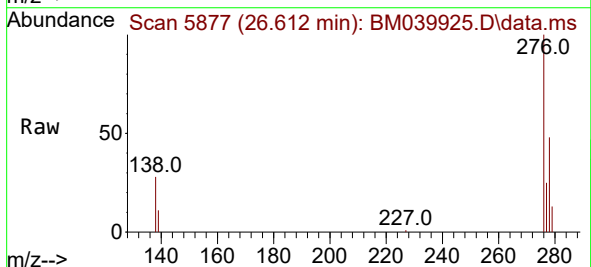
Tgt Ion:276 Resp: 48449

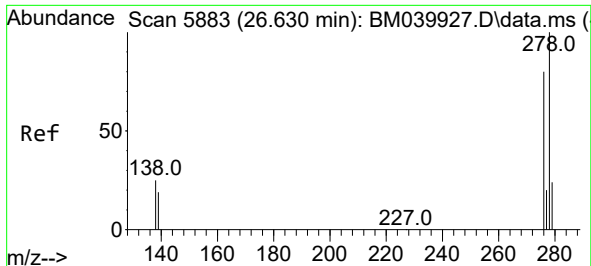
Ion Ratio Lower Upper

276 100

138 27.8 23.0 34.4

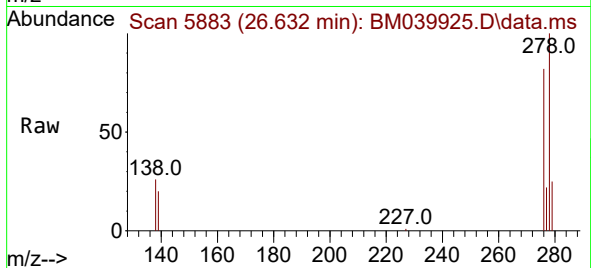
227 0.0 0.2 0.2#



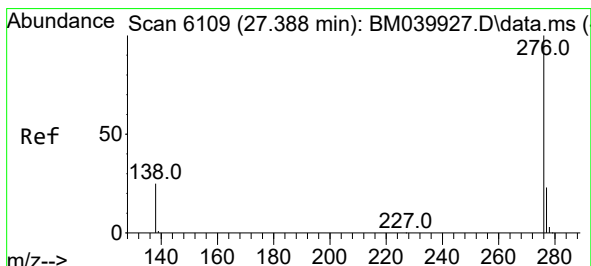
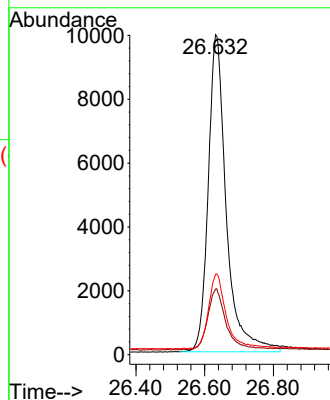
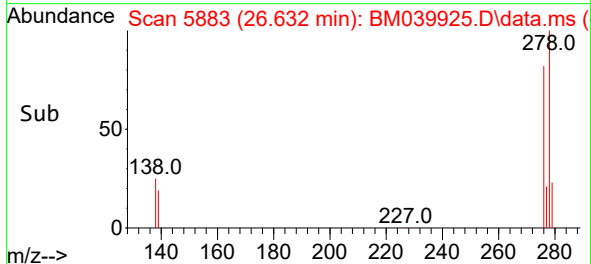


#28
Dibenzo(a,h)anthracene
Concen: 0.573 ng/ul
RT: 26.632 min Scan# 5883
Delta R.T. 0.002 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49

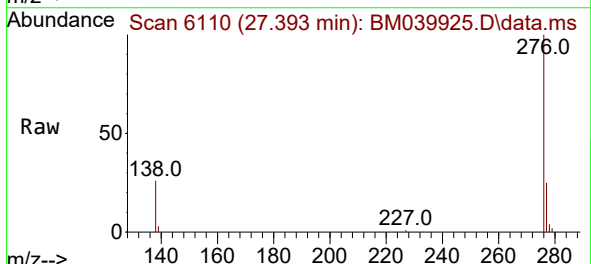
Instrument :
BNA_M
ClientSampleId :
SSTD0.1029



Tgt Ion:278 Resp: 36284
Ion Ratio Lower Upper
278 100
139 20.5 16.3 24.5
279 25.1 20.3 30.5



#29
Benzo(g,h,i)perylene
Concen: 0.530 ng/ul
RT: 27.393 min Scan# 6110
Delta R.T. 0.005 min
Lab File: BM039925.D
Acq: 15 May 2023 15:49



Tgt Ion:276 Resp: 37694
Ion Ratio Lower Upper
276 100
138 26.0 20.7 31.1
277 24.6 19.2 28.8

