

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051623\
 Data File : BM039933.D
 Acq On : 16 May 2023 14:23
 Operator : CG/JU
 Sample : SST0.158
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1036

Quant Time: May 17 01:34:06 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

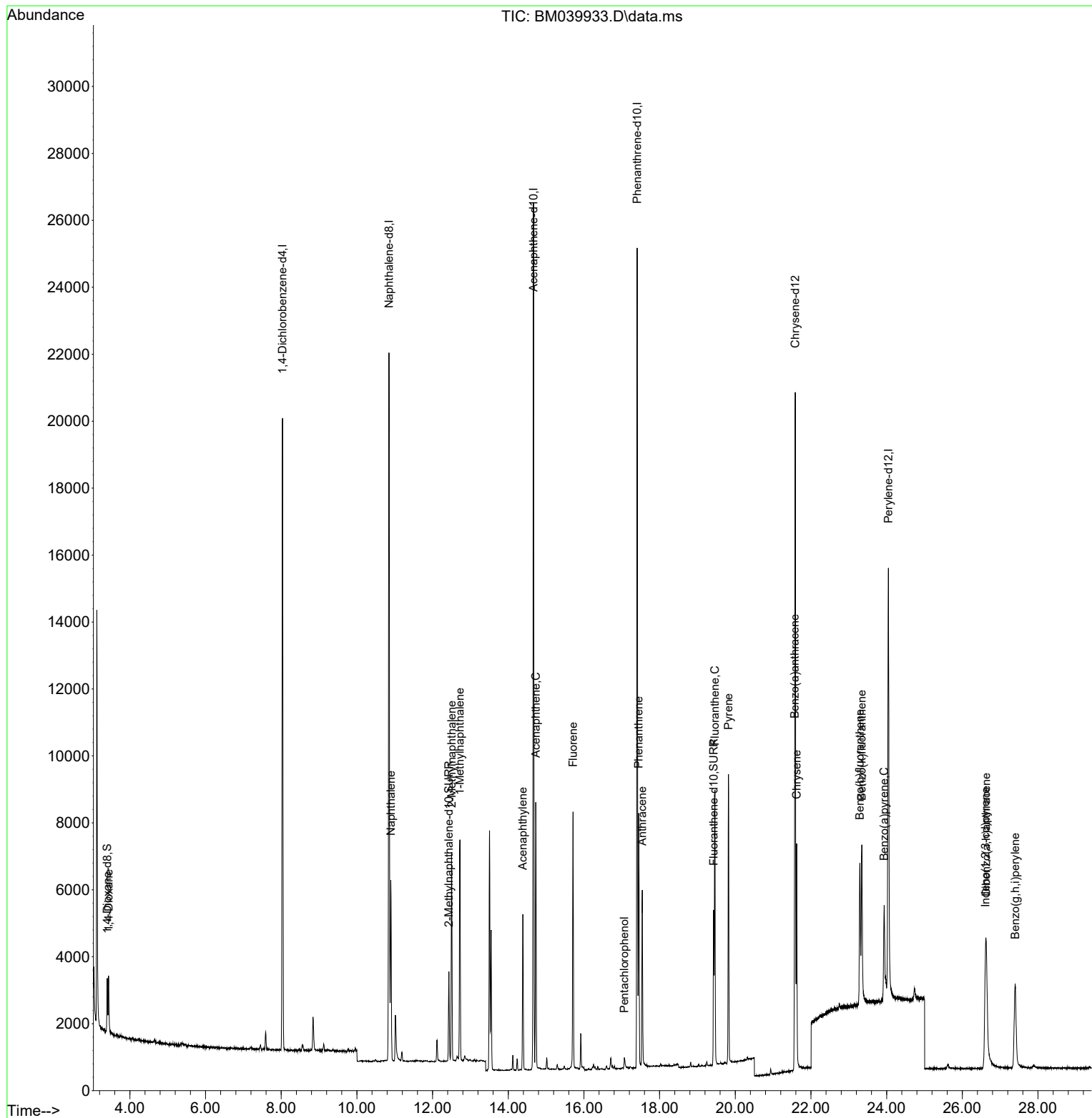
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	9252	0.400	ng/ul	0.00
4) Naphthalene-d8	10.848	136	28033	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.668	164	13499	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.407	188	27026	0.400	ng/ul	0.00
17) Chrysene-d12	21.585	240	16730	0.400	ng/ul	0.00
23) Perylene-d12	24.046	264	18596	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.403	96	1165	0.101	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.432	152	3242	0.098	ng/ul	0.00
18) Fluoranthene-d10	19.429	212	4667	0.102	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.437	88	1243	0.101	ng/ul#	81
5) Naphthalene	10.897	128	7135	0.098	ng/ul	97
7) 2-Methylnaphthalene	12.503	142	4099	0.097	ng/ul	100
8) 1-Methylnaphthalene	12.723	142	4350	0.098	ng/ul	100
10) Acenaphthylene	14.386	152	5250	0.094	ng/ul	98
11) Acenaphthene	14.728	153	4396	0.095	ng/ul	99
12) Fluorene	15.713	166	4566	0.093	ng/ul	99
14) Pentachlorophenol	17.069	266	329	0.072	ng/ul	99
15) Phenanthrene	17.449	178	7690	0.098	ng/ul	97
16) Anthracene	17.542	178	5840	0.091	ng/ul	97
19) Fluoranthene	19.462	202	6807	0.099	ng/ul	95
20) Pyrene	19.819	202	6947	0.102	ng/ul	99
21) Benzo(a)anthracene	21.570	228	4752	0.094	ng/ul	99
22) Chrysene	21.623	228	5887	0.097	ng/ul	99
24) Benzo(b)fluoranthene	23.292	252	5843	0.088	ng/ul	86
25) Benzo(k)fluoranthene	23.344	252	6761	0.093	ng/ul#	83
26) Benzo(a)pyrene	23.935	252	4905	0.088	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.612	276	6952	0.087	ng/ul	98
28) Dibenzo(a,h)anthracene	26.632	278	5447	0.085	ng/ul#	84
29) Benzo(g,h,i)perylene	27.396	276	6285	0.089	ng/ul	92

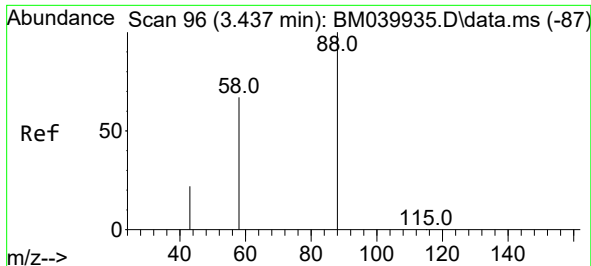
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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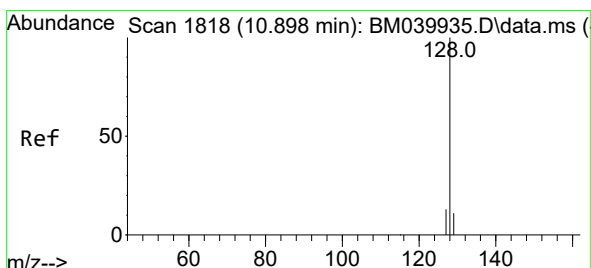
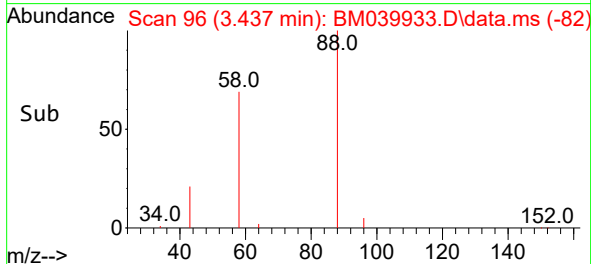
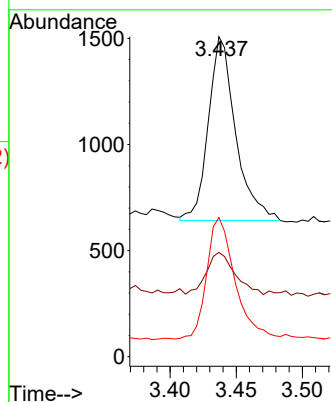
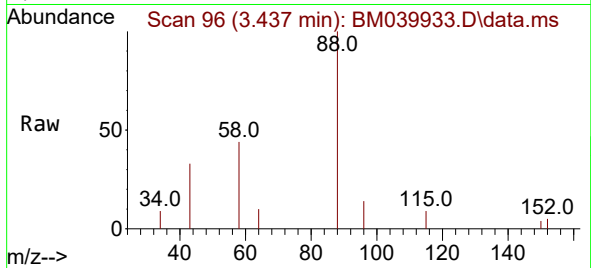




#2
1,4-Dioxane
Concen: 0.101 ng/ul
RT: 3.437 min Scan# 96
Delta R.T. -0.000 min
Lab File: BM039933.D
Acq: 16 May 2023 14:23

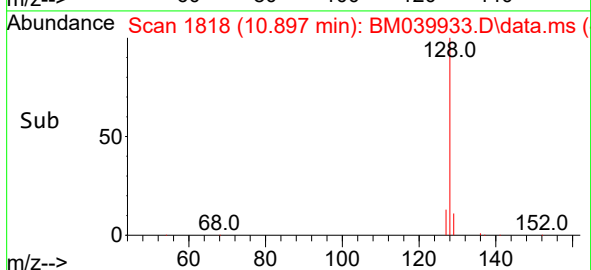
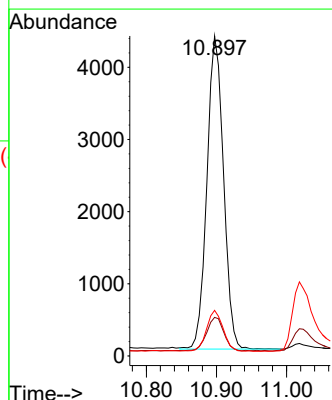
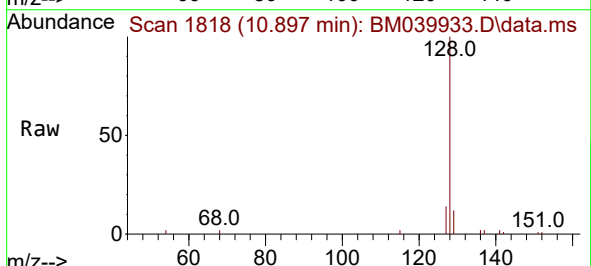
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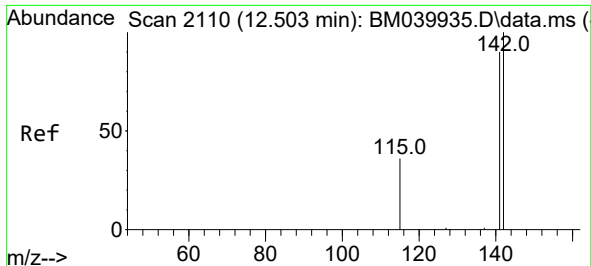
Tgt Ion: 88 Resp: 1243
Ion Ratio Lower Upper
88 100
43 32.6 20.1 30.1#
58 43.5 47.4 71.2#



#5
Naphthalene
Concen: 0.098 ng/ul
RT: 10.897 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BM039933.D
Acq: 16 May 2023 14:23

Tgt Ion: 128 Resp: 7135
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.4
127 14.2 10.5 15.7

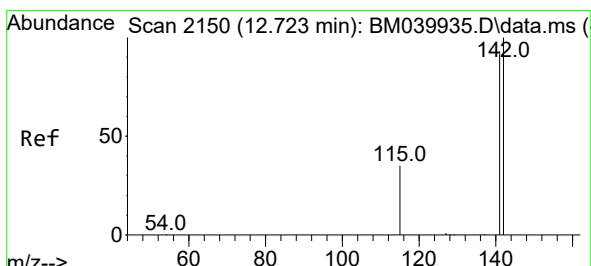
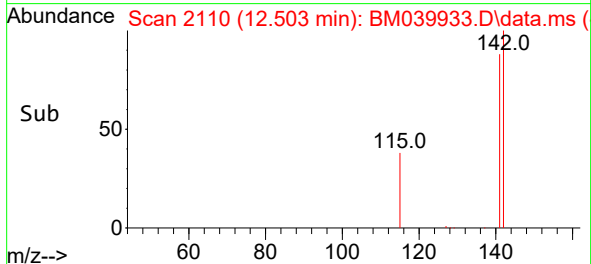
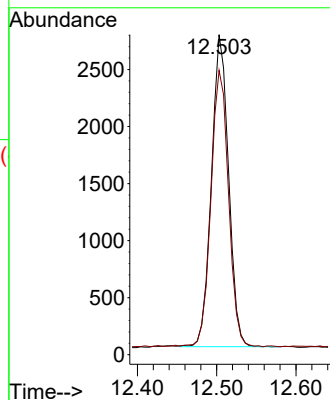
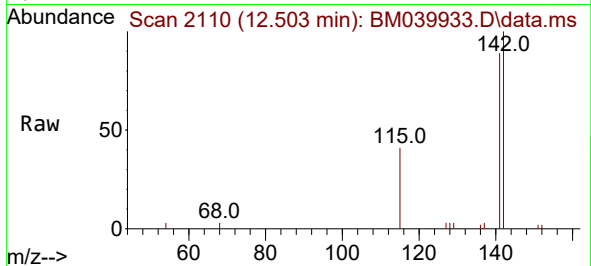




#7
2-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.503 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BM039933.D
Acq: 16 May 2023 14:23

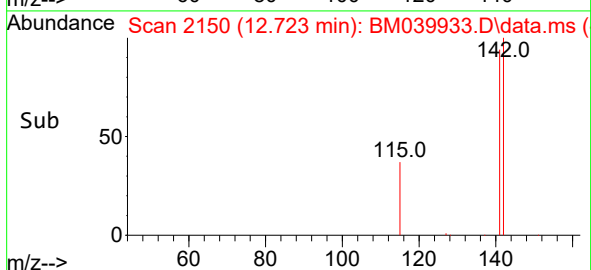
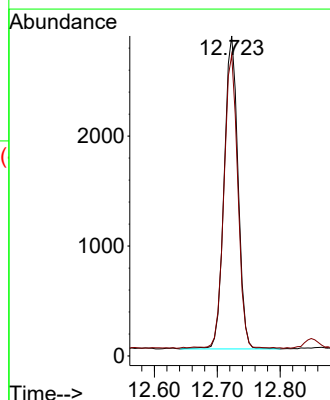
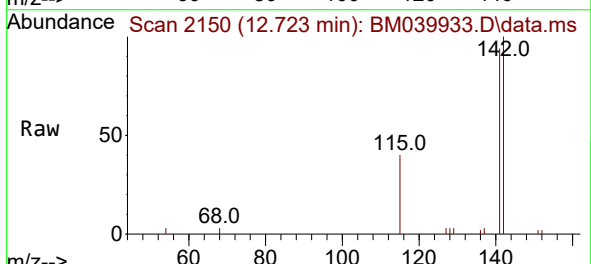
Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

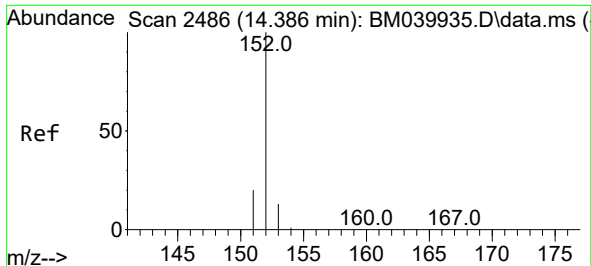
Tgt Ion:142 Resp: 4099
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1



#8
1-Methylnaphthalene
Concen: 0.098 ng/ul
RT: 12.723 min Scan# 2150
Delta R.T. -0.000 min
Lab File: BM039933.D
Acq: 16 May 2023 14:23

Tgt Ion:142 Resp: 4350
Ion Ratio Lower Upper
142 100
141 93.4 74.6 112.0

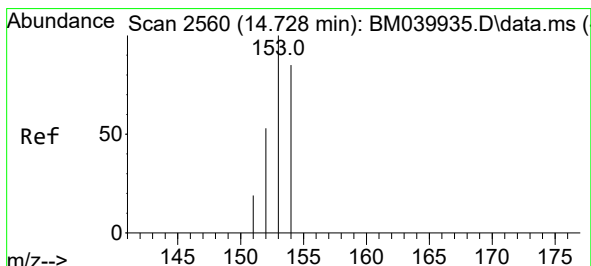
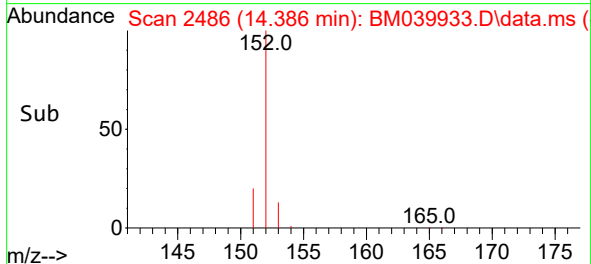
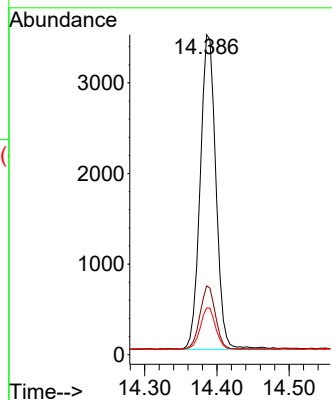
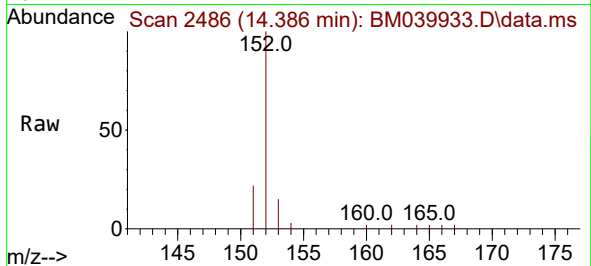




#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 14.386 min Scan# 2486
Delta R.T. -0.000 min
Lab File: BM039933.D
Acq: 16 May 2023 14:23

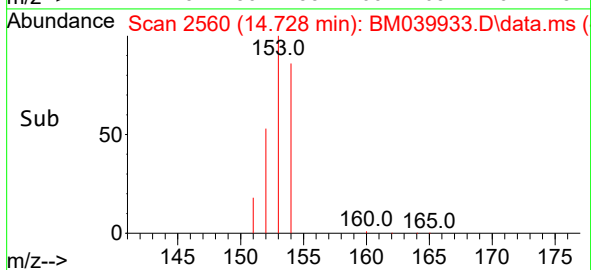
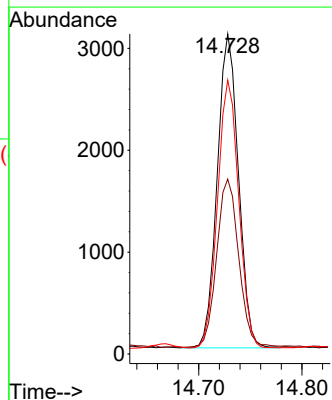
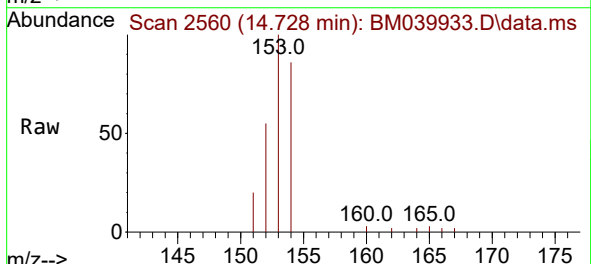
Instrument :
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ClientSampleId :
SSTD0.1036

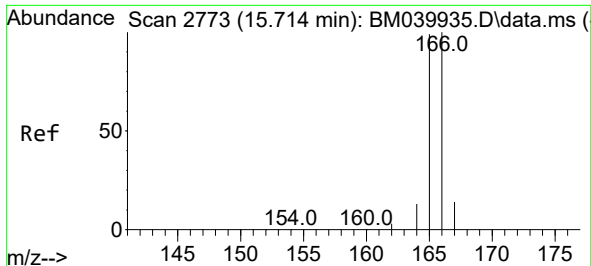
Tgt Ion:	152	Resp:	5250
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.4	24.6
153	14.6	10.9	16.3



#11
Acenaphthene
Concen: 0.095 ng/ul
RT: 14.728 min Scan# 2560
Delta R.T. -0.000 min
Lab File: BM039933.D
Acq: 16 May 2023 14:23

Tgt Ion:	153	Resp:	4396
Ion Ratio	Lower	Upper	
153	100		
152	54.7	43.1	64.7
154	85.6	67.8	101.6

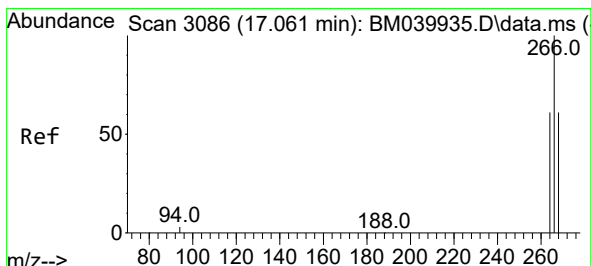
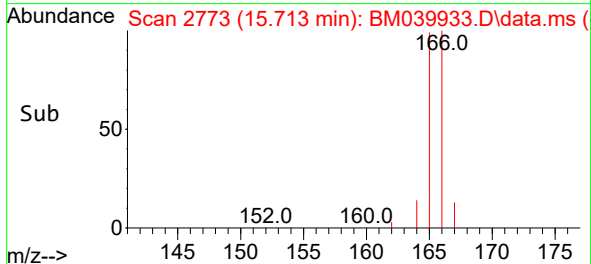
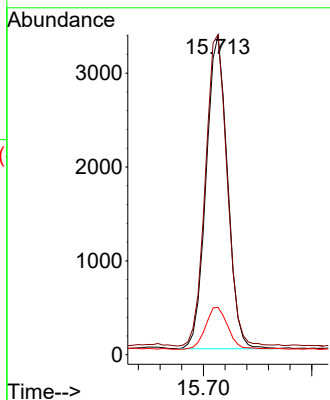
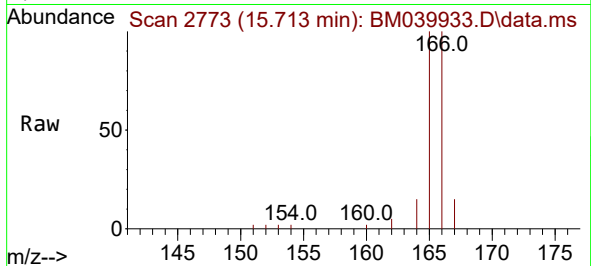




#12
Fluorene
Concen: 0.093 ng/ul
RT: 15.713 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039933.D
Acq: 16 May 2023 14:23

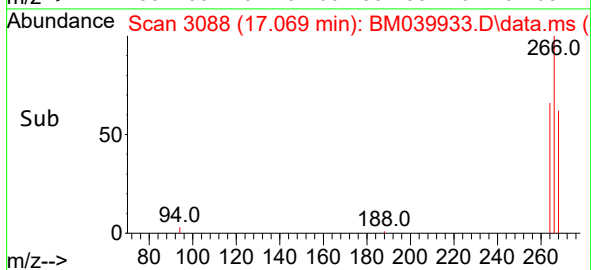
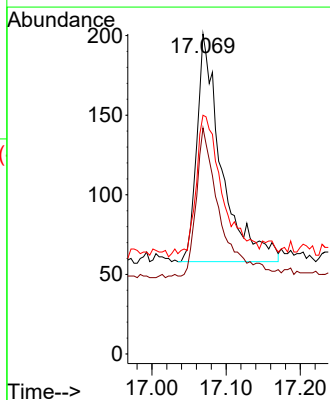
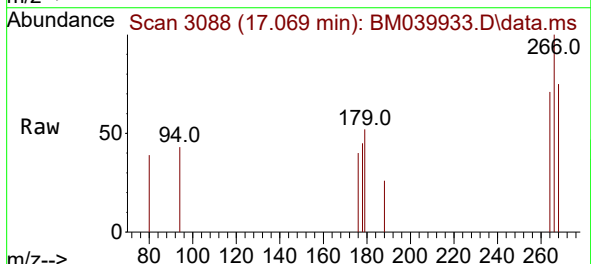
Instrument :
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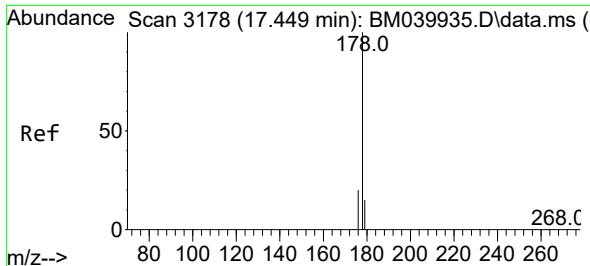
Tgt Ion:166	Resp:	4566
Ion Ratio	Lower	Upper
166	100	
165	100.3	79.3 118.9
167	14.9	11.3 16.9



#14
Pentachlorophenol
Concen: 0.072 ng/ul
RT: 17.069 min Scan# 3088
Delta R.T. 0.008 min
Lab File: BM039933.D
Acq: 16 May 2023 14:23

Tgt Ion:266	Resp:	329
Ion Ratio	Lower	Upper
266	100	
264	62.0	48.9 73.3
268	64.4	51.5 77.3

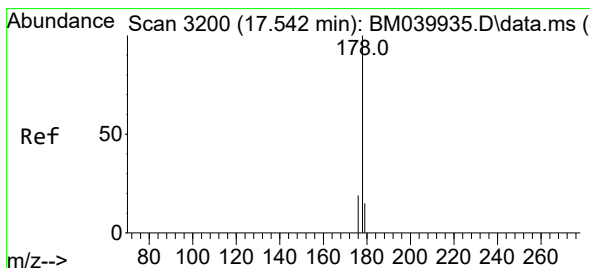
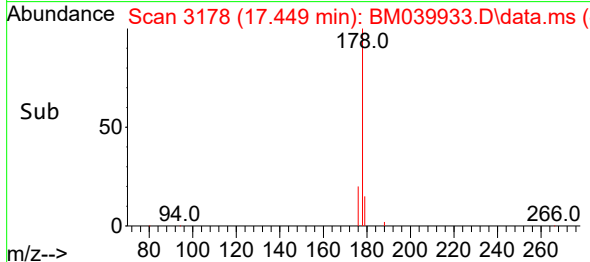
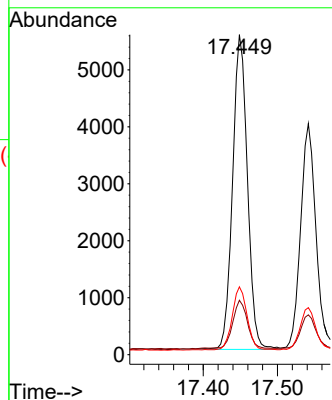
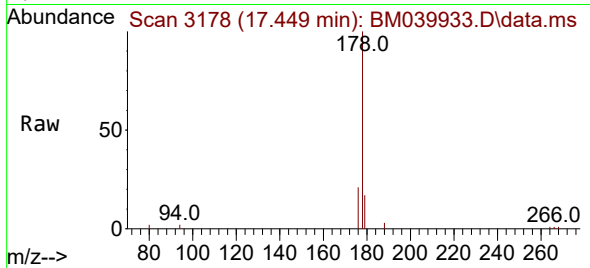




#15
Phenanthrene
Concen: 0.098 ng/u1
RT: 17.449 min Scan# 3178
Delta R.T. -0.000 min
Lab File: BM039933.D
Acq: 16 May 2023 14:23

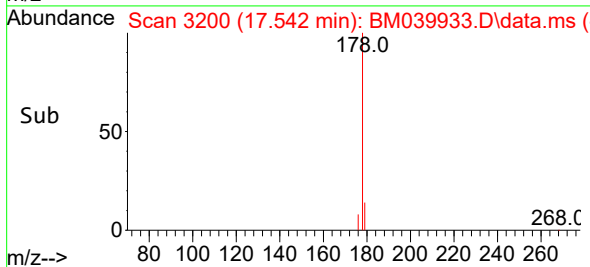
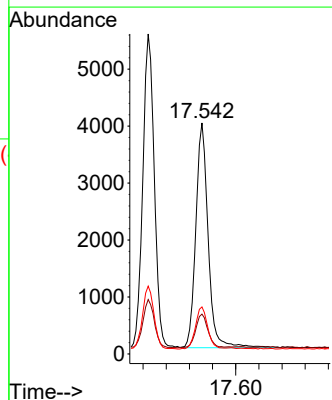
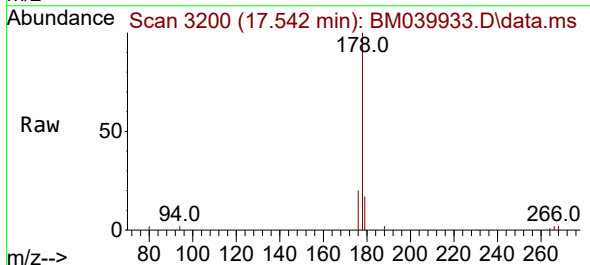
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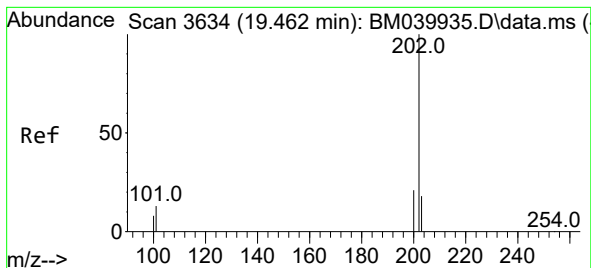
Tgt Ion:178 Resp: 7690
Ion Ratio Lower Upper
178 100
179 17.0 12.4 18.6
176 21.2 16.3 24.5



#16
Anthracene
Concen: 0.091 ng/u1
RT: 17.542 min Scan# 3200
Delta R.T. -0.000 min
Lab File: BM039933.D
Acq: 16 May 2023 14:23

Tgt Ion:178 Resp: 5840
Ion Ratio Lower Upper
178 100
179 17.2 12.6 19.0
176 20.3 15.4 23.2





#19

Fluoranthene

Concen: 0.099 ng/ul

RT: 19.462 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM039933.D

Acq: 16 May 2023 14:23

Instrument :

BNA_M

ClientSampleId :

SSTD0.1036

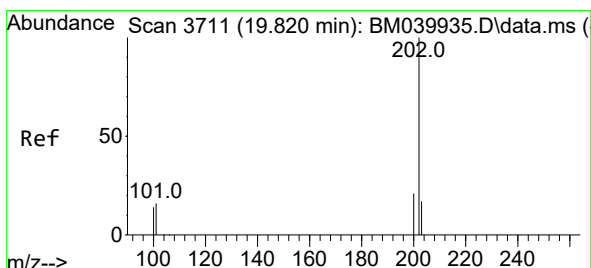
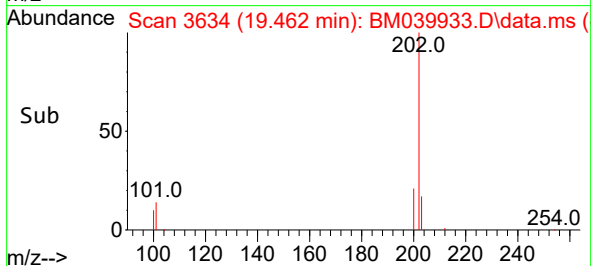
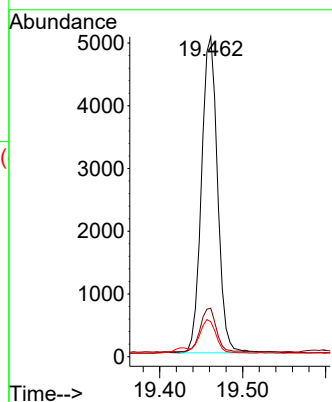
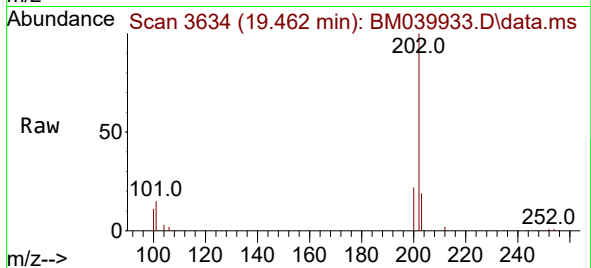
Tgt Ion:202 Resp: 6807

Ion Ratio Lower Upper

202 100

101 15.2 10.4 15.6

100 11.0 7.8 11.6



#20

Pyrene

Concen: 0.102 ng/ul

RT: 19.819 min Scan# 3711

Delta R.T. -0.000 min

Lab File: BM039933.D

Acq: 16 May 2023 14:23

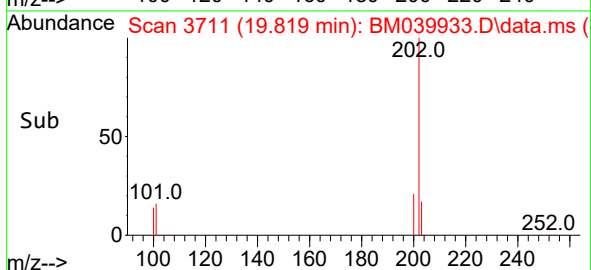
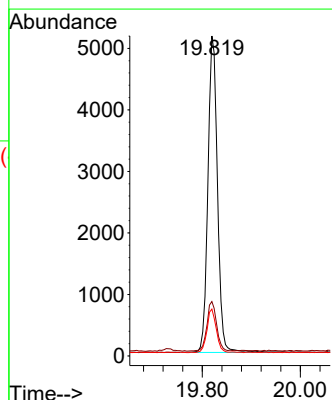
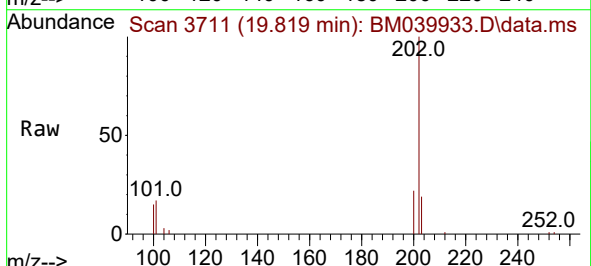
Tgt Ion:202 Resp: 6947

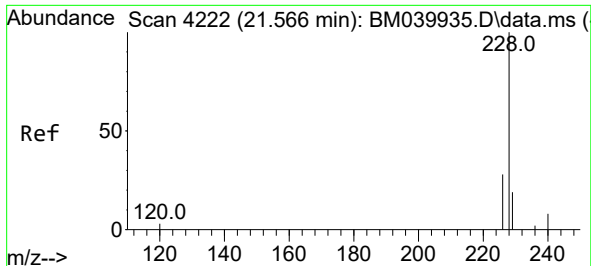
Ion Ratio Lower Upper

202 100

101 17.0 13.4 20.0

100 14.6 11.0 16.6

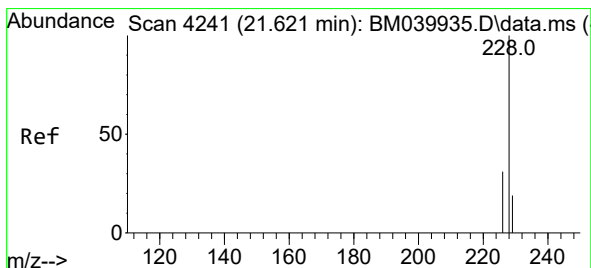
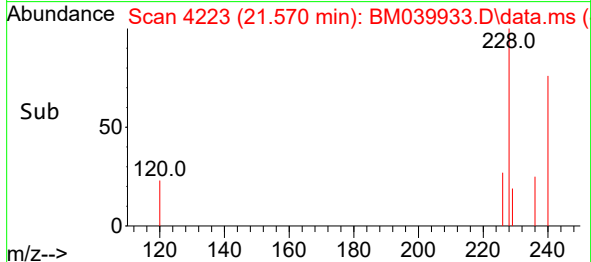
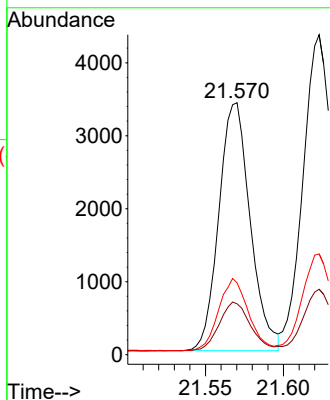
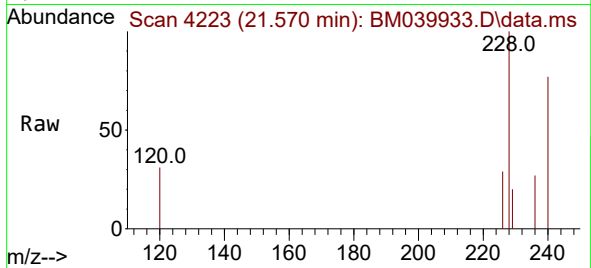




#21
Benzo(a)anthracene
Concen: 0.094 ng/ul
RT: 21.570 min Scan# 4222
Delta R.T. 0.004 min
Lab File: BM039933.D
Acq: 16 May 2023 14:23

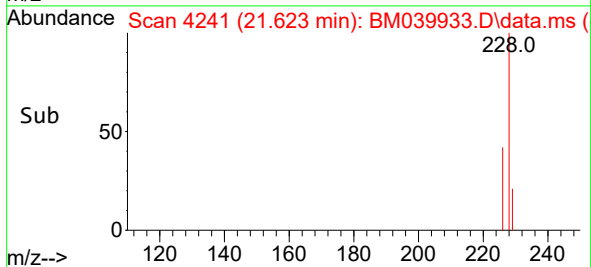
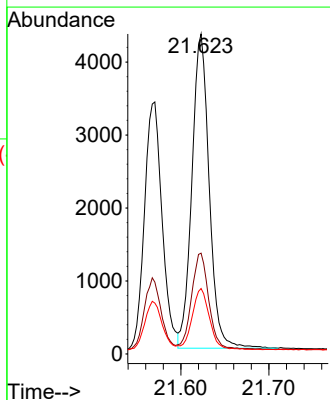
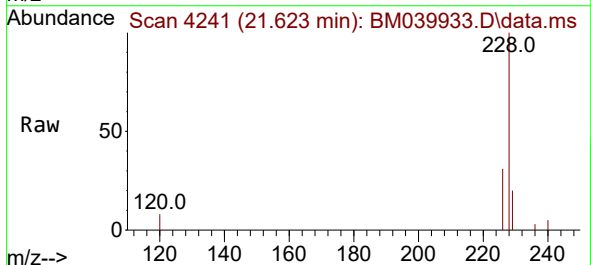
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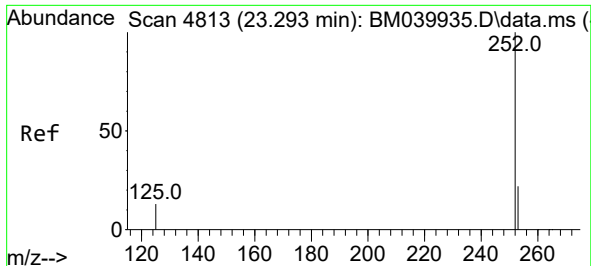
Tgt Ion:228 Resp: 4752
Ion Ratio Lower Upper
228 100
229 20.2 15.7 23.5
226 28.5 22.3 33.5



#22
Chrysene
Concen: 0.097 ng/ul
RT: 21.623 min Scan# 4241
Delta R.T. 0.002 min
Lab File: BM039933.D
Acq: 16 May 2023 14:23

Tgt Ion:228 Resp: 5887
Ion Ratio Lower Upper
228 100
226 31.5 24.7 37.1
229 20.5 15.6 23.4

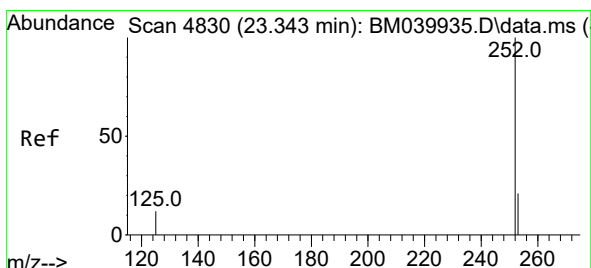
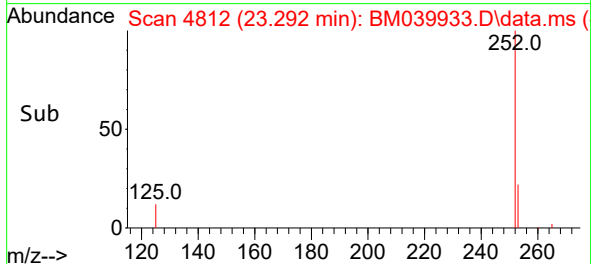
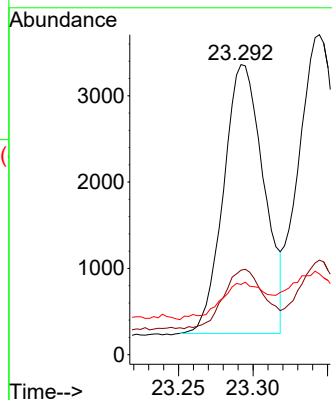
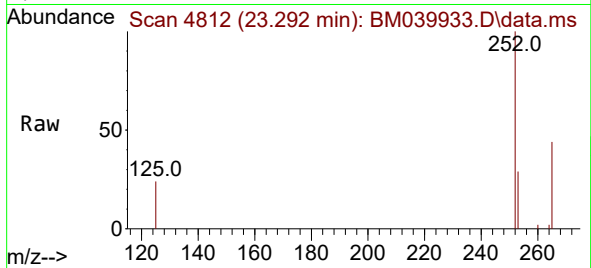




#24
Benzo(b)fluoranthene
Concen: 0.088 ng/ul
RT: 23.292 min Scan# 4812
Delta R.T. -0.001 min
Lab File: BM039933.D
Acq: 16 May 2023 14:23

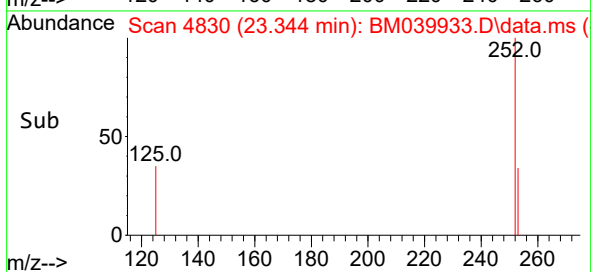
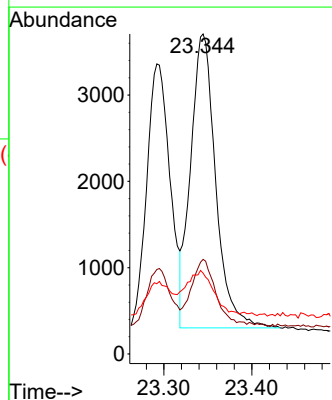
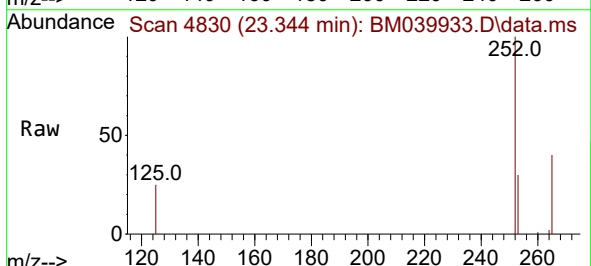
Instrument :
BNA_M
ClientSampleId :
SSTD0.1036

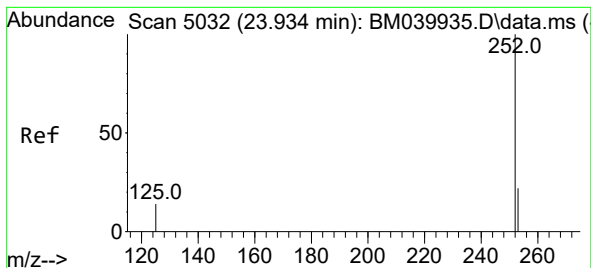
Tgt Ion:252 Resp: 5843
Ion Ratio Lower Upper
252 100
253 29.1 0.0 47.6
125 24.2 0.0 32.6



#25
Benzo(k)fluoranthene
Concen: 0.093 ng/ul
RT: 23.344 min Scan# 4830
Delta R.T. 0.002 min
Lab File: BM039933.D
Acq: 16 May 2023 14:23

Tgt Ion:252 Resp: 6761
Ion Ratio Lower Upper
252 100
253 29.6 18.4 27.6#
125 25.2 12.9 19.3#





#26

Benzo(a)pyrene

Concen: 0.088 ng/ul

RT: 23.935 min Scan# 5032

Delta R.T. 0.002 min

Lab File: BM039933.D

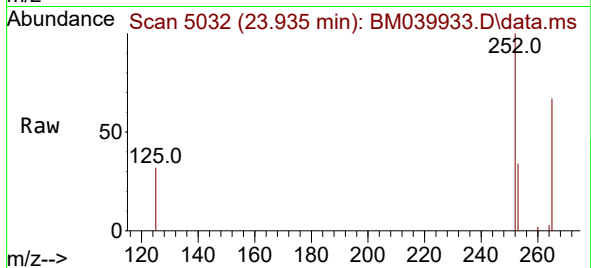
Acq: 16 May 2023 14:23

Instrument :

BNA_M

ClientSampleId :

SSTD0.1036



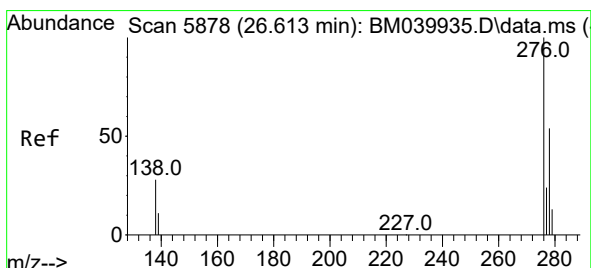
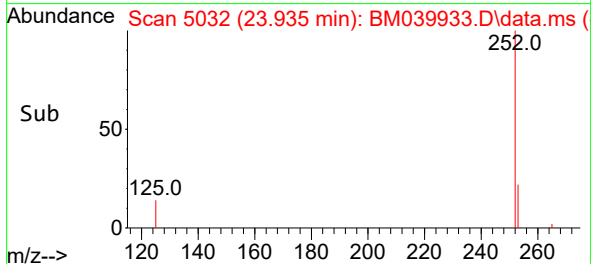
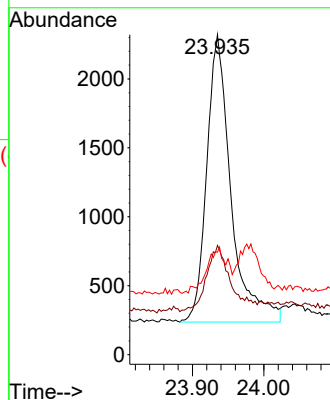
Tgt Ion:252 Resp: 4905

Ion Ratio Lower Upper

252 100

253 34.1 20.0 30.0#

125 32.1 15.4 23.2#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.087 ng/ul

RT: 26.612 min Scan# 5877

Delta R.T. -0.002 min

Lab File: BM039933.D

Acq: 16 May 2023 14:23

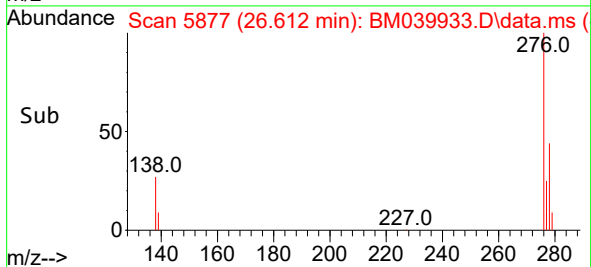
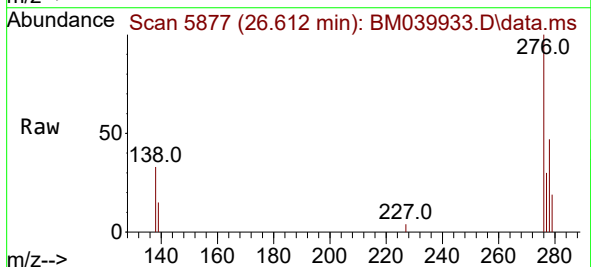
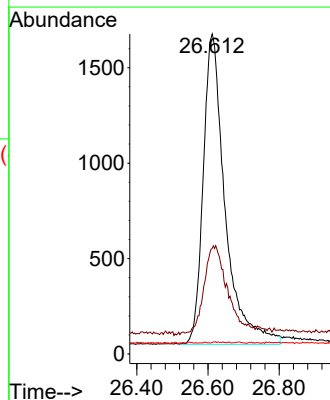
Tgt Ion:276 Resp: 6952

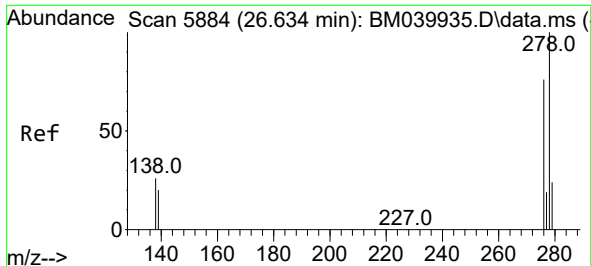
Ion Ratio Lower Upper

276 100

138 29.4 24.3 36.5

227 0.2 0.2 0.2

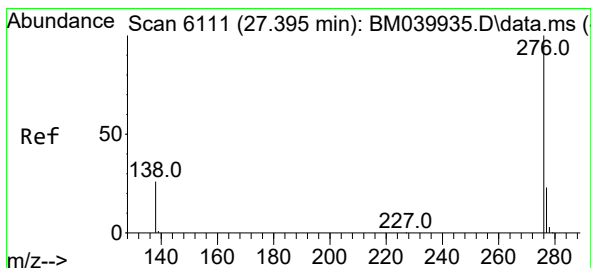
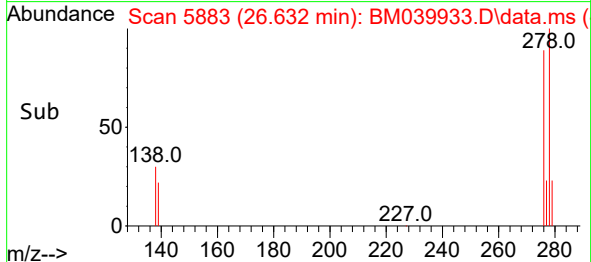
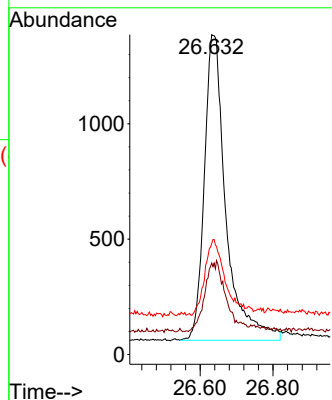
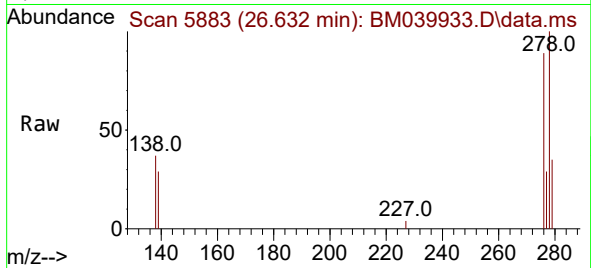




#28
 Dibenzo(a,h)anthracene
 Concen: 0.085 ng/ul
 RT: 26.632 min Scan# 51
 Delta R.T. -0.002 min
 Lab File: BM039933.D
 Acq: 16 May 2023 14:23

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1036

Tgt Ion:278 Resp: 5447
 Ion Ratio Lower Upper
 278 100
 139 28.6 16.9 25.3#
 279 34.8 21.4 32.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.089 ng/ul
 RT: 27.396 min Scan# 6111
 Delta R.T. 0.002 min
 Lab File: BM039933.D
 Acq: 16 May 2023 14:23

Tgt Ion:276 Resp: 6285
 Ion Ratio Lower Upper
 276 100
 138 32.4 22.4 33.6
 277 28.6 19.5 29.3

