

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036939.D
 Acq On : 11 Oct 2022 10:56
 Operator : CG/JU
 Sample : N4991-06DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF7DL

Quant Time: Oct 12 01:25:44 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

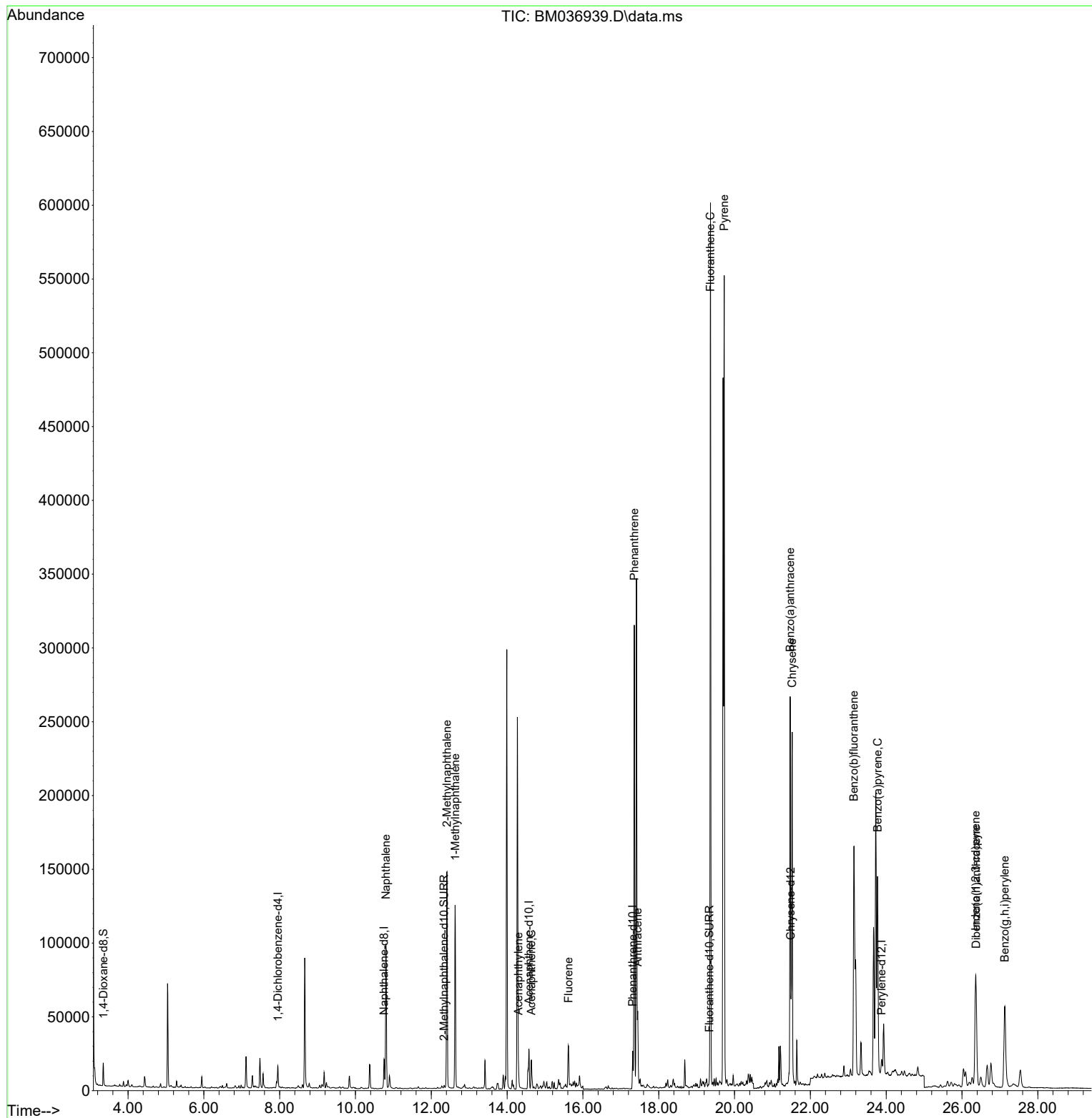
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7583	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	26149	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.576	164	14322	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.314	188	28077	0.400	ng/ul	0.00
17) Chrysene-d12	21.484	240	18127	0.400	ng/ul	0.00
23) Perylene-d12	23.881	264	13624	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	9438	0.883	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	2750	0.070	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	5128	0.095	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	130852	1.750	ng/ul	96
7) 2-Methylnaphthalene	12.415	142	104587	2.287	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	81574	1.756	ng/ul	99
10) Acenaphthylene	14.298	152	12297	0.207	ng/ul#	84
11) Acenaphthene	14.641	153	12190	0.236	ng/ul	99
12) Fluorene	15.621	166	14956	0.256	ng/ul#	95
15) Phenanthrene	17.356	178	319346	3.563	ng/ul	99
16) Anthracene	17.445	178	46026	0.614	ng/ul	99
19) Fluoranthene	19.364	202	485625	6.736	ng/ul	99
20) Pyrene	19.727	202	428213	5.695	ng/ul	97
21) Benzo(a)anthracene	21.467	228	218327	3.334	ng/ul	99
22) Chrysene	21.519	228	227449	3.235	ng/ul	99
24) Benzo(b)fluoranthene	23.150	252	274584	4.512	ng/ul	86
26) Benzo(a)pyrene	23.773	252	192169	3.892	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.362	276	129266	1.848	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.376	278	32530	0.575	ng/ul	95
29) Benzo(g,h,i)perylene	27.130	276	122295	1.984	ng/ul	96

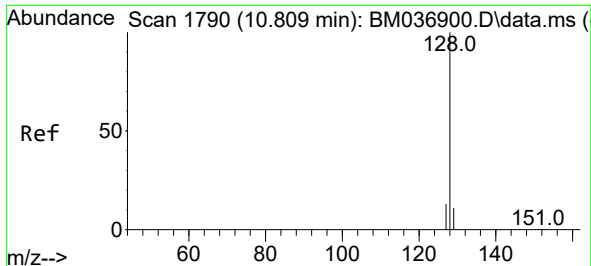
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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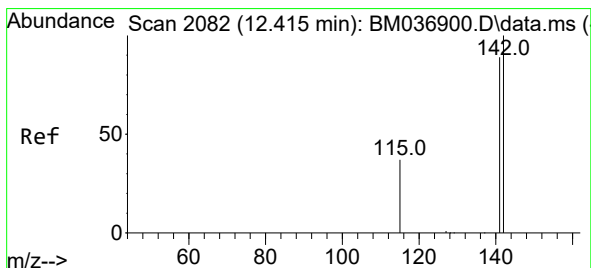
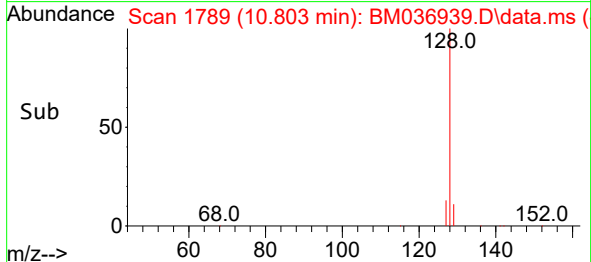
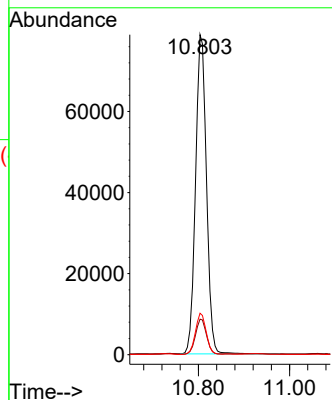
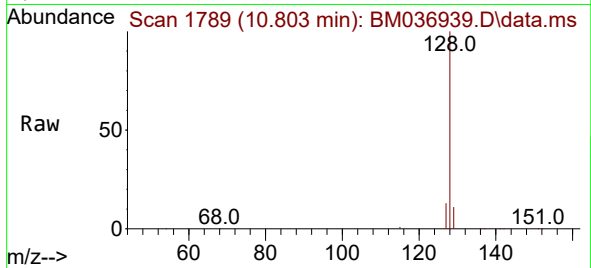




#5
Naphthalene
Concen: 1.750 ng/ul
RT: 10.803 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

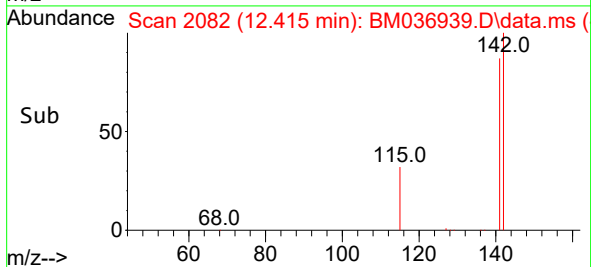
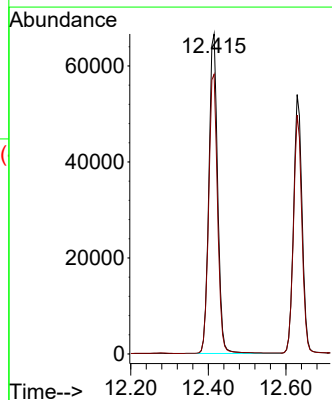
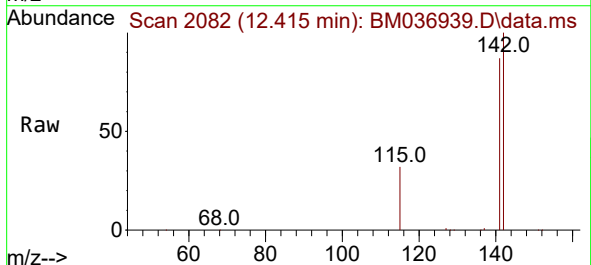
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BNA_M
ClientSampleId :
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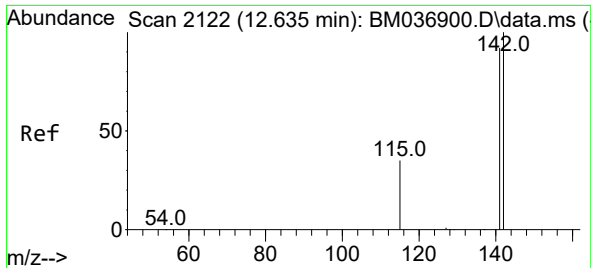
Tgt Ion:128 Resp: 130852
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 13.0 11.7 17.5



#7
2-Methylnaphthalene
Concen: 2.287 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

Tgt Ion:142 Resp: 104587
Ion Ratio Lower Upper
142 100
141 88.4 77.4 116.0

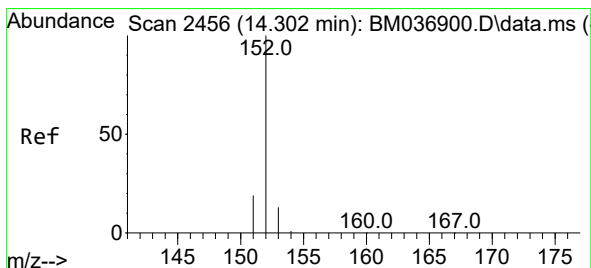
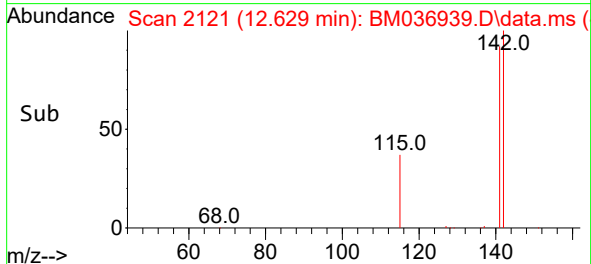
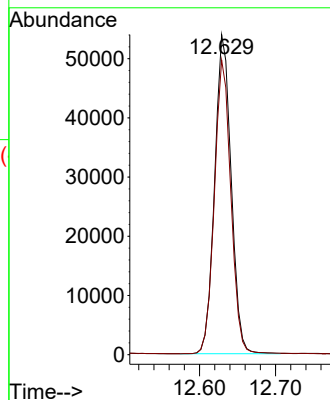
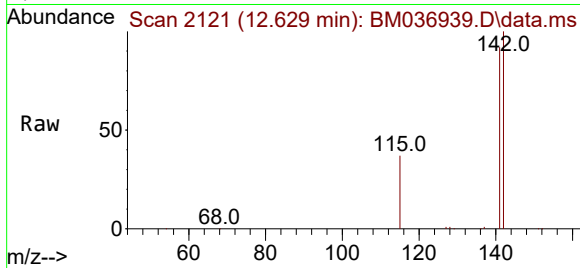




#8
1-Methylnaphthalene
Concen: 1.756 ng/ul
RT: 12.629 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

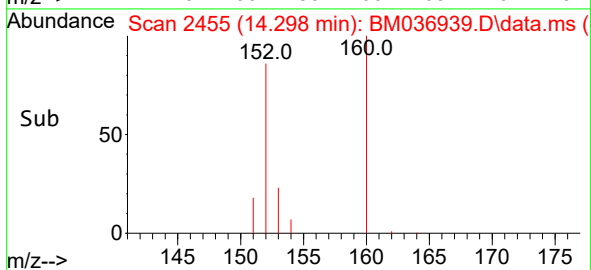
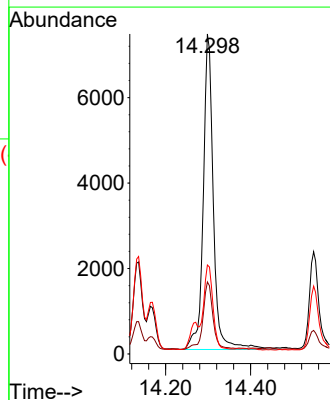
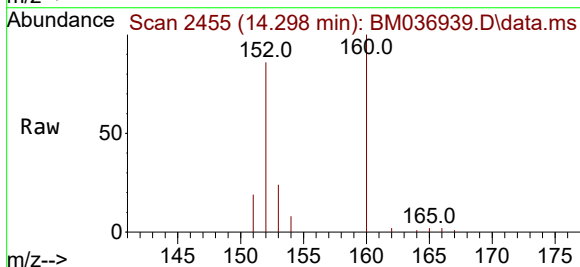
Instrument :
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ClientSampleId :
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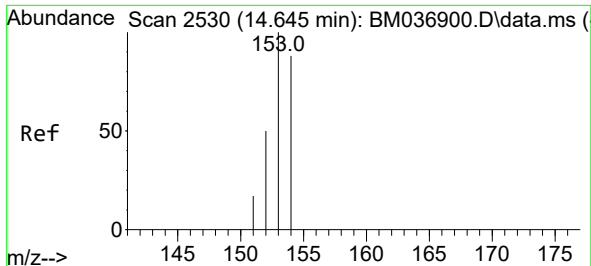
Tgt Ion:142 Resp: 81574
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1



#10
Acenaphthylene
Concen: 0.207 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.001 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

Tgt Ion:152 Resp: 12297
Ion Ratio Lower Upper
152 100
151 22.5 16.6 24.8
153 27.8 11.4 17.0#

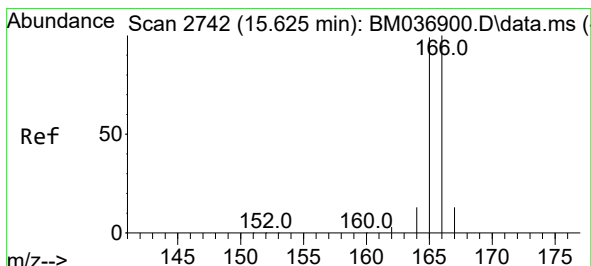
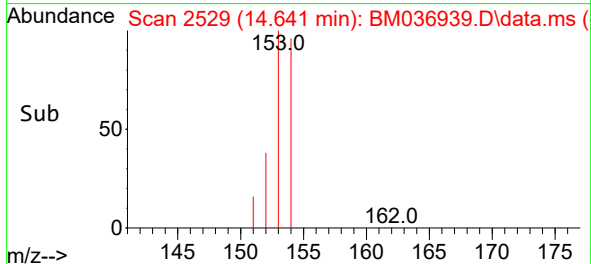
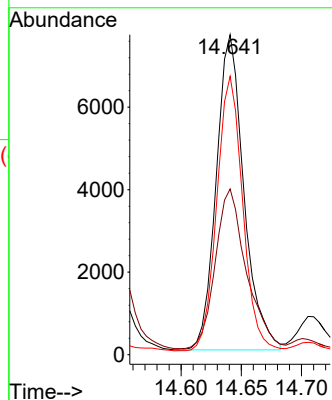
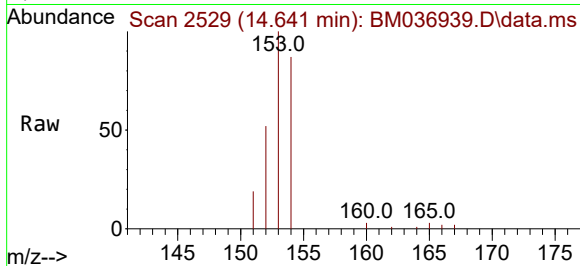




#11
Acenaphthene
Concen: 0.236 ng/ul
RT: 14.641 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

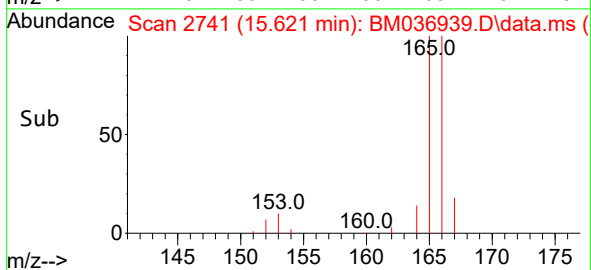
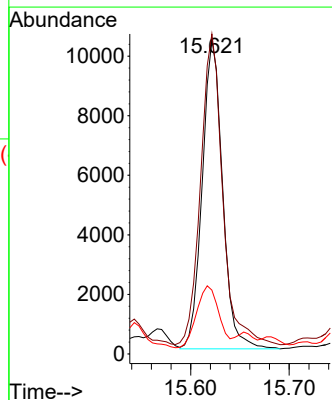
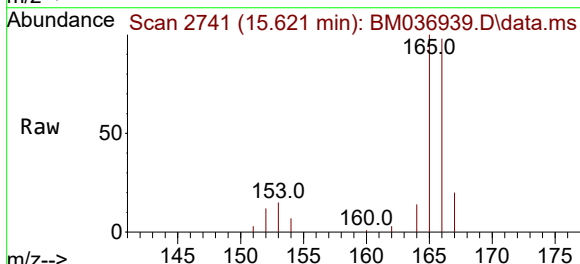
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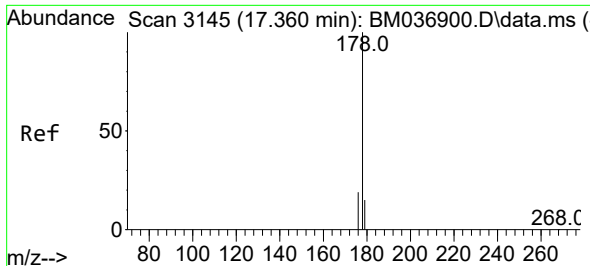
Tgt Ion:153 Resp: 12190
Ion Ratio Lower Upper
153 100
152 51.8 40.2 60.4
154 87.0 69.7 104.5



#12
Fluorene
Concen: 0.256 ng/ul
RT: 15.621 min Scan# 2741
Delta R.T. 0.001 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

Tgt Ion:166 Resp: 14956
Ion Ratio Lower Upper
166 100
165 101.8 78.9 118.3
167 20.3 11.3 16.9#

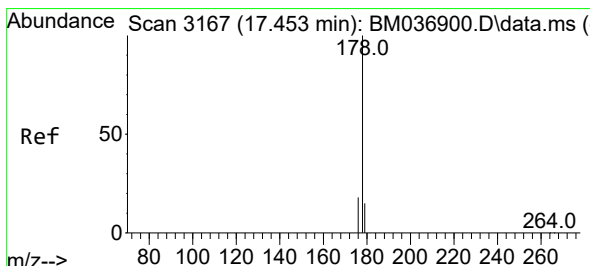
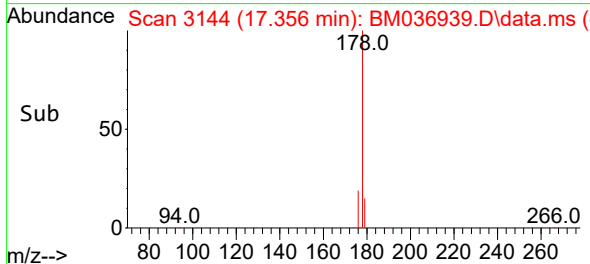
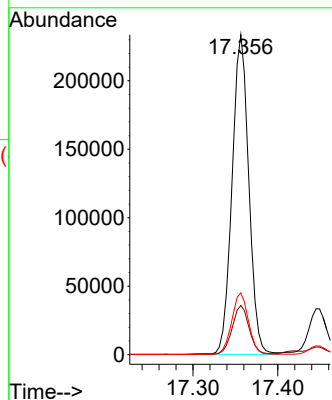
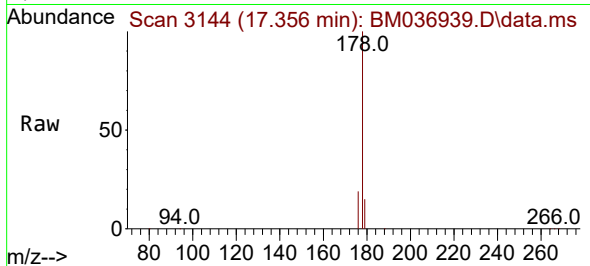




#15
Phenanthrene
Concen: 3.563 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. 0.001 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

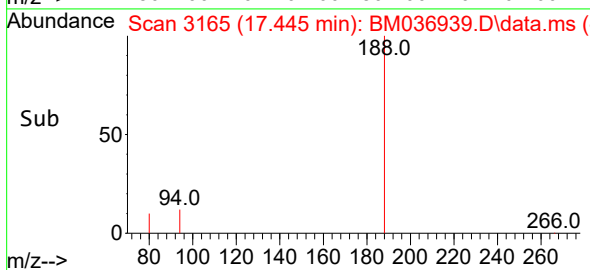
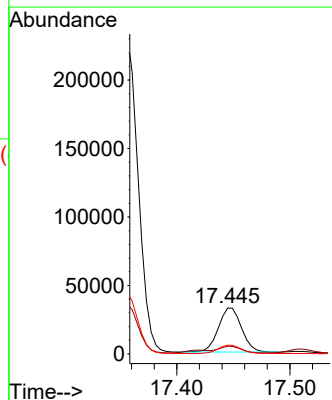
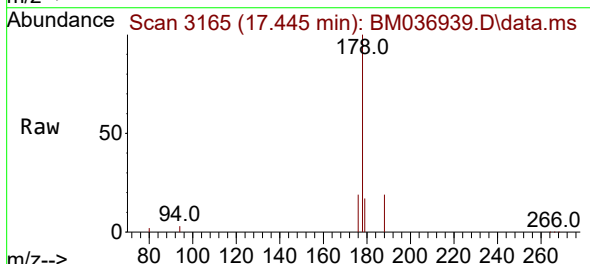
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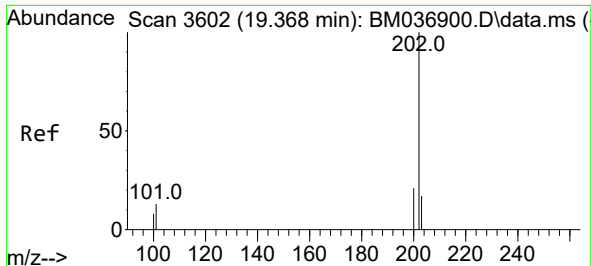
Tgt Ion:178 Resp: 319346
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.3 15.6 23.4



#16
Anthracene
Concen: 0.614 ng/ul
RT: 17.445 min Scan# 3165
Delta R.T. -0.003 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

Tgt Ion:178 Resp: 46026
Ion Ratio Lower Upper
178 100
179 16.6 13.6 20.4
176 19.2 15.6 23.4

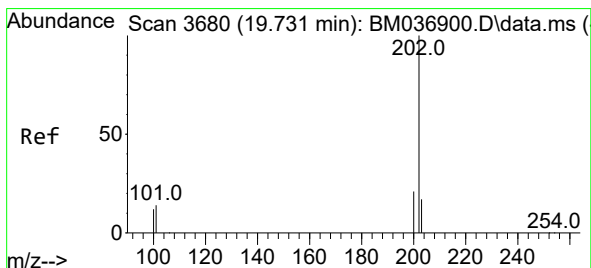
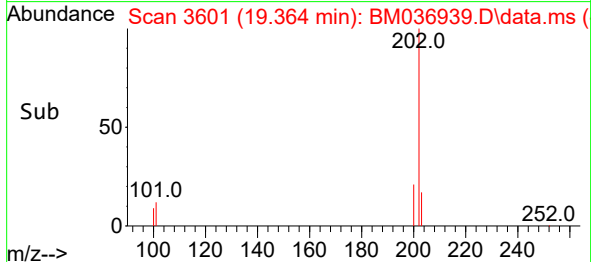
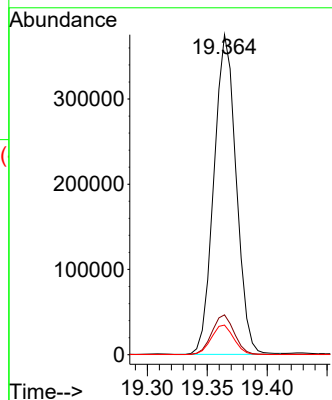
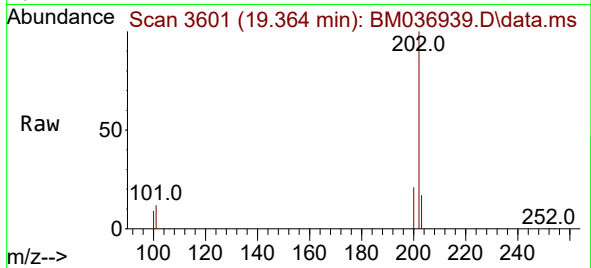




#19
Fluoranthene
Concen: 6.736 ng/u1
RT: 19.364 min Scan# 30
Delta R.T. 0.001 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

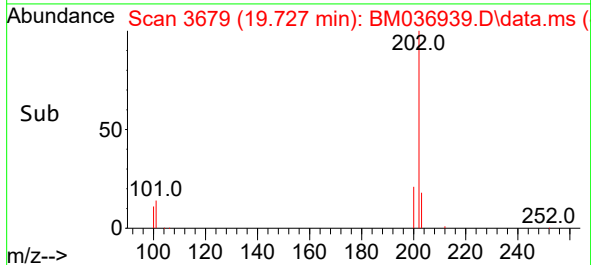
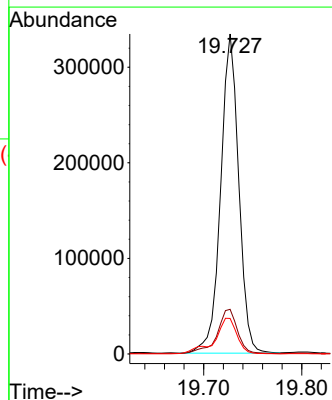
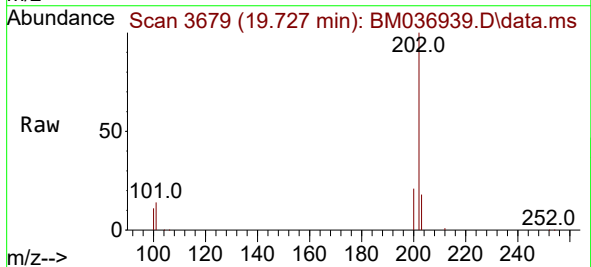
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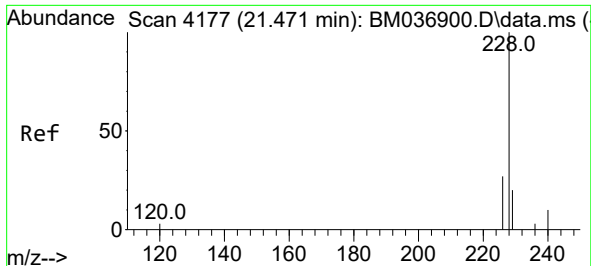
Tgt Ion:202 Resp: 485625
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 9.3 7.9 11.9



#20
Pyrene
Concen: 5.695 ng/u1
RT: 19.727 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

Tgt Ion:202 Resp: 428213
Ion Ratio Lower Upper
202 100
101 13.9 12.0 18.0
100 11.1 9.8 14.6

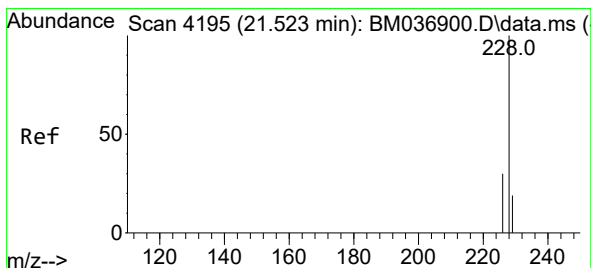
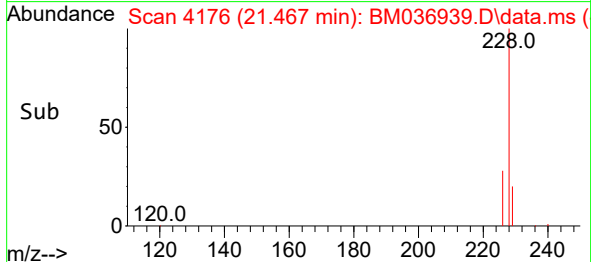
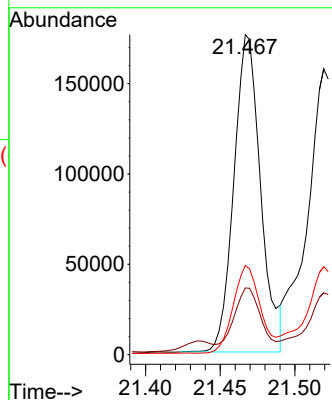
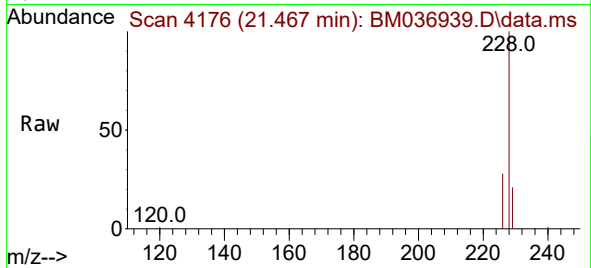




#21
Benzo(a)anthracene
Concen: 3.334 ng/ul
RT: 21.467 min Scan# 4176
Delta R.T. -0.001 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

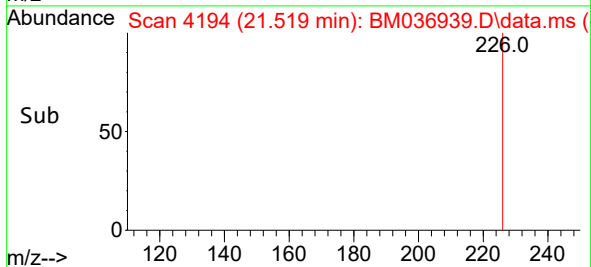
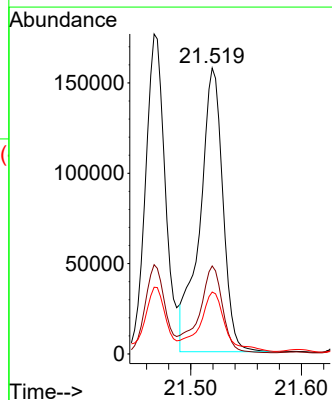
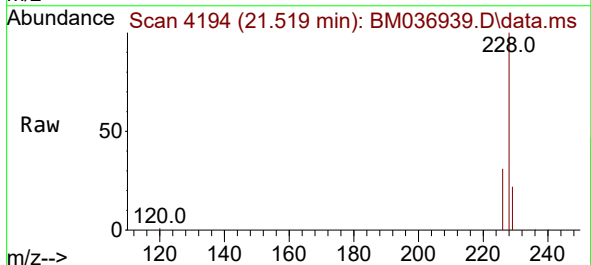
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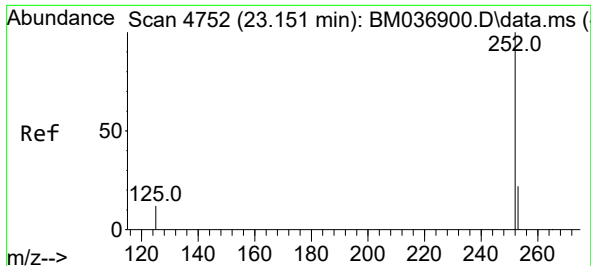
Tgt Ion:228 Resp: 218327
Ion Ratio Lower Upper
228 100
229 20.8 16.2 24.2
226 27.9 22.5 33.7



#22
Chrysene
Concen: 3.235 ng/ul
RT: 21.519 min Scan# 4194
Delta R.T. -0.001 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

Tgt Ion:228 Resp: 227449
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.6 16.4 24.6

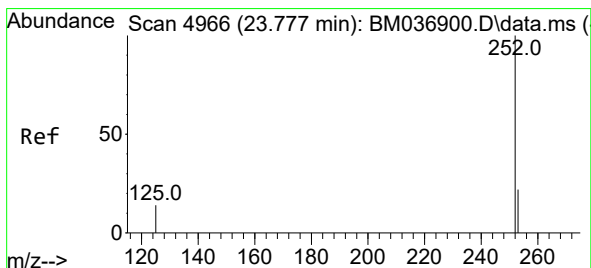
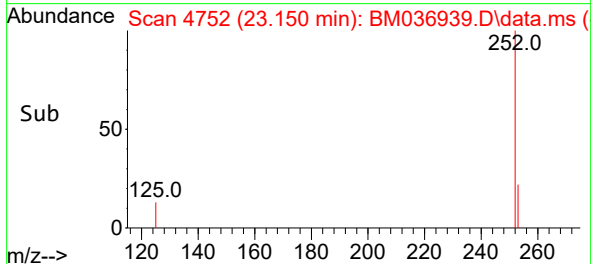
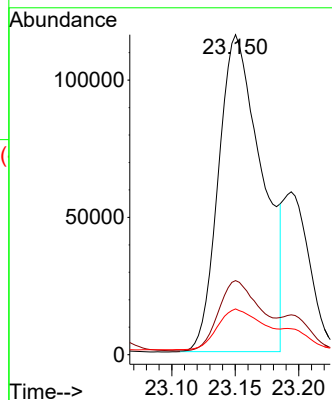
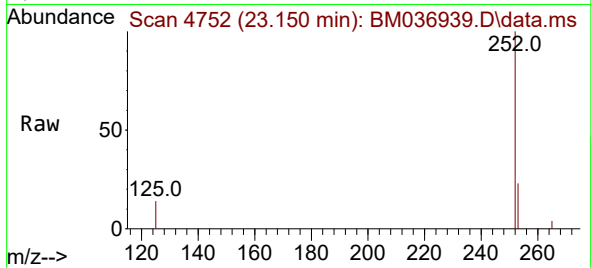




#24
Benzo(b)fluoranthene
Concen: 4.512 ng/ul
RT: 23.150 min Scan# 41
Delta R.T. 0.005 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

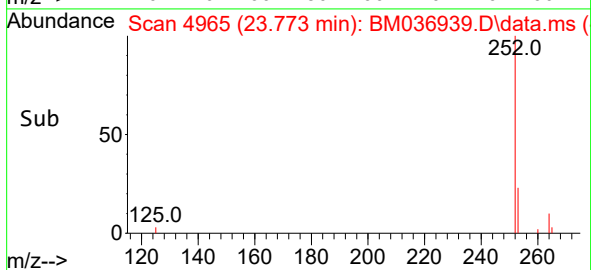
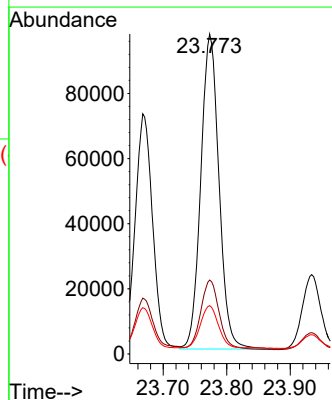
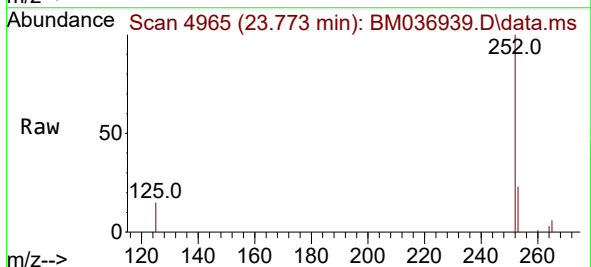
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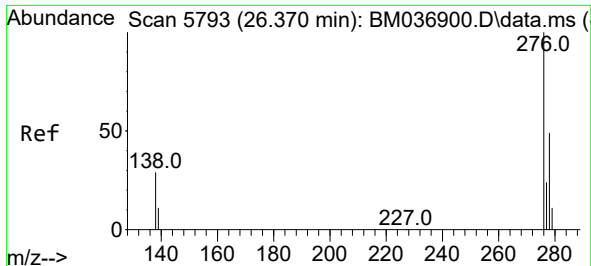
Tgt Ion:252 Resp: 274584
Ion Ratio Lower Upper
252 100
253 23.1 0.0 61.4
125 14.3 0.0 42.6



#26
Benzo(a)pyrene
Concen: 3.892 ng/ul
RT: 23.773 min Scan# 4965
Delta R.T. 0.002 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

Tgt Ion:252 Resp: 192169
Ion Ratio Lower Upper
252 100
253 23.1 29.7 44.5#
125 15.1 23.6 35.4#

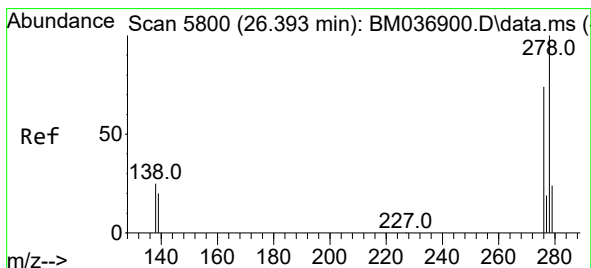
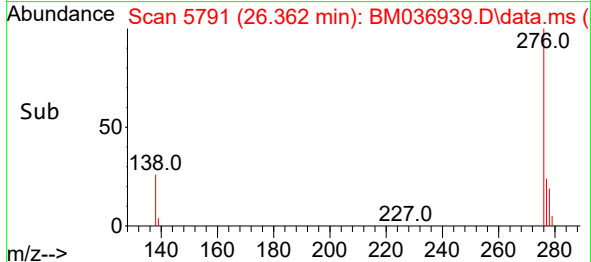
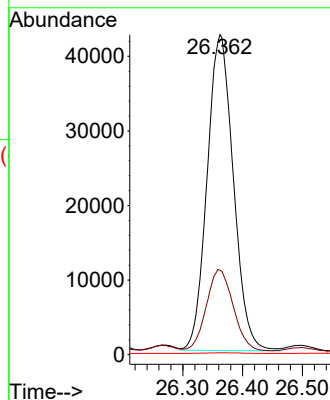
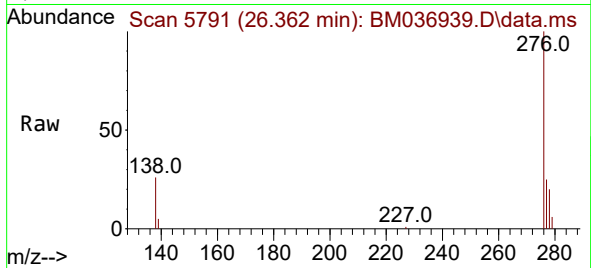




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.848 ng/ul
 RT: 26.362 min Scan# 5791
 Delta R.T. -0.001 min
 Lab File: BM036939.D
 Acq: 11 Oct 2022 10:56

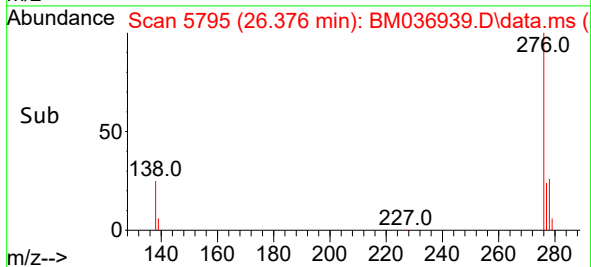
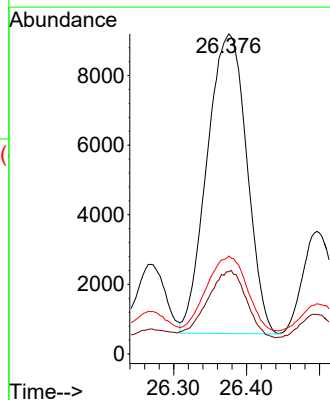
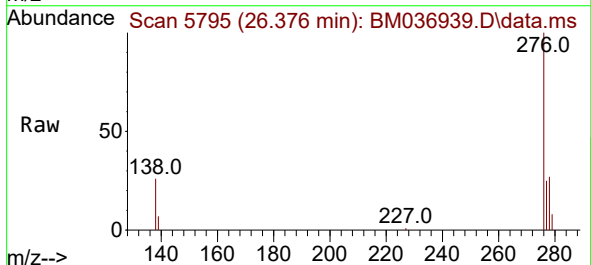
Instrument :
 BNA_M
 ClientSampleId :
 C0BF7DL

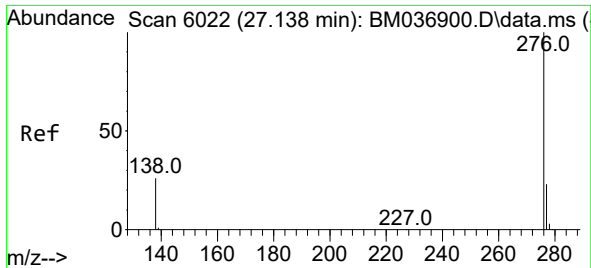
Tgt Ion:276 Resp: 129266
 Ion Ratio Lower Upper
 276 100
 138 26.3 23.9 35.9
 227 0.3 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.575 ng/ul
 RT: 26.376 min Scan# 5795
 Delta R.T. -0.004 min
 Lab File: BM036939.D
 Acq: 11 Oct 2022 10:56

Tgt Ion:278 Resp: 32530
 Ion Ratio Lower Upper
 278 100
 139 25.7 19.8 29.6
 279 30.6 27.7 41.5





#29
Benzo(g,h,i)perylene
Concen: 1.984 ng/ul
RT: 27.130 min Scan# 60
Delta R.T. 0.003 min
Lab File: BM036939.D
Acq: 11 Oct 2022 10:56

Instrument :
BNA_M
ClientSampleId :
C0BF7DL

Tgt Ion:276 Resp: 122295
Ion Ratio Lower Upper
276 100
138 26.7 23.4 35.0
277 24.2 21.0 31.4

