

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036943.D
 Acq On : 11 Oct 2022 13:25
 Operator : CG/JU
 Sample : N4991-13DL 5X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP2DL

Quant Time: Oct 12 01:26:21 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)

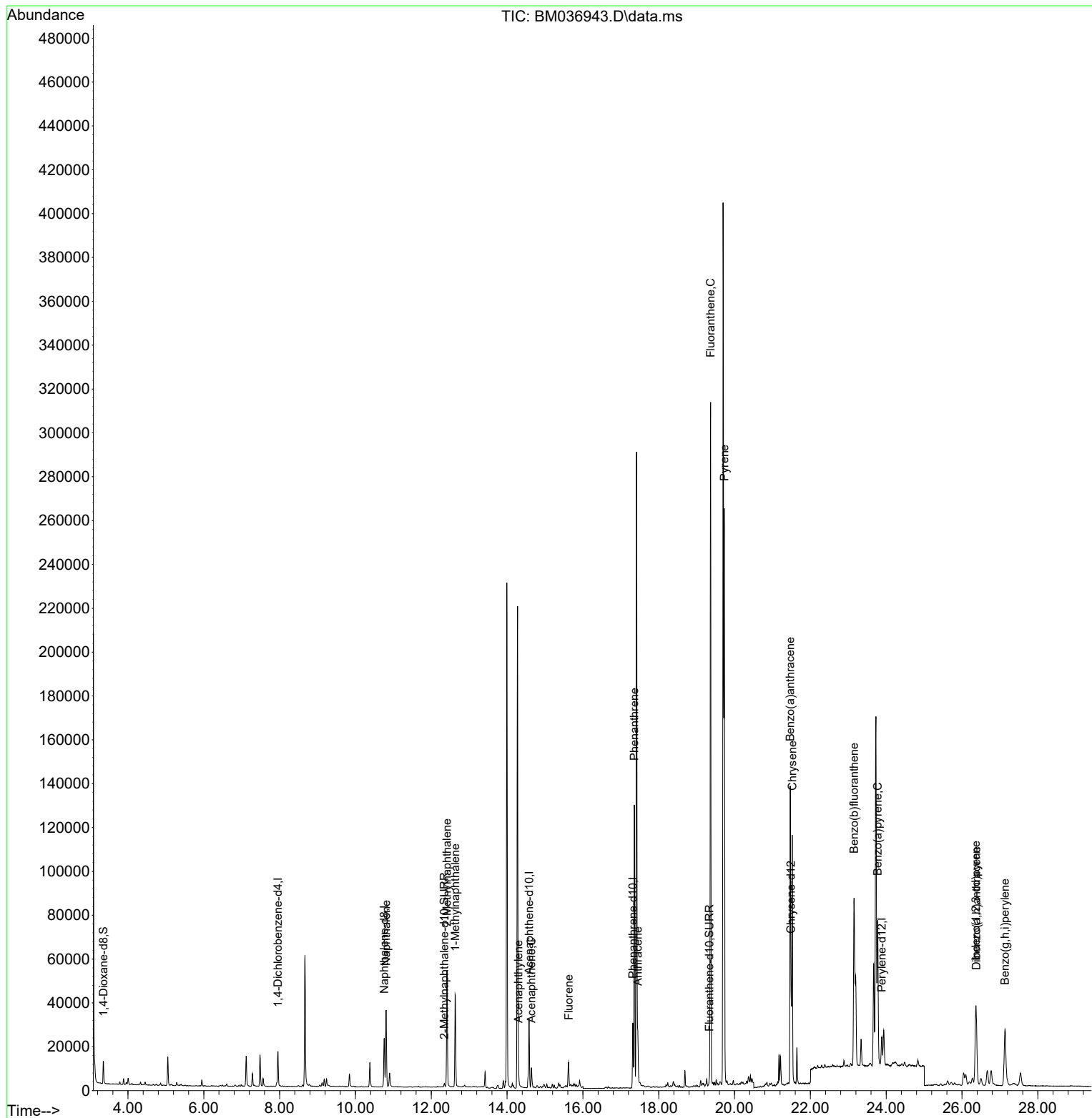
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8242	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	29745	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.580	164	16995	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.318	188	34205	0.400	ng/ul	0.00
17) Chrysene-d12	21.485	240	22510	0.400	ng/ul	0.00
23) Perylene-d12	23.882	264	17096	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	6657	0.573	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	2229	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	4621	0.069	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	47599	0.560	ng/ul	96
7) 2-Methylnaphthalene	12.415	142	38199	0.734	ng/ul	91
8) 1-Methylnaphthalene	12.635	142	29936	0.567	ng/ul	99
10) Acenaphthylene	14.302	152	5023	0.071	ng/ul#	81
11) Acenaphthene	14.640	153	5596	0.091	ng/ul	99
12) Fluorene	15.625	166	6252	0.090	ng/ul#	97
15) Phenanthrene	17.356	178	133900	1.226	ng/ul	99
16) Anthracene	17.448	178	21940	0.240	ng/ul	100
19) Fluoranthene	19.368	202	251079	2.804	ng/ul	96
20) Pyrene	19.731	202	217421	2.329	ng/ul	95
21) Benzo(a)anthracene	21.468	228	109457	1.346	ng/ul	100
22) Chrysene	21.520	228	115527	1.323	ng/ul	99
24) Benzo(b)fluoranthene	23.151	252	138368	1.812	ng/ul	89
26) Benzo(a)pyrene	23.774	252	90660	1.463	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.366	276	62220	0.709	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.376	278	14787	0.208	ng/ul#	90
29) Benzo(g,h,i)perylene	27.134	276	57519	0.744	ng/ul	97

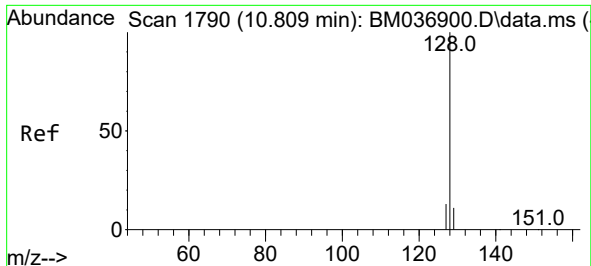
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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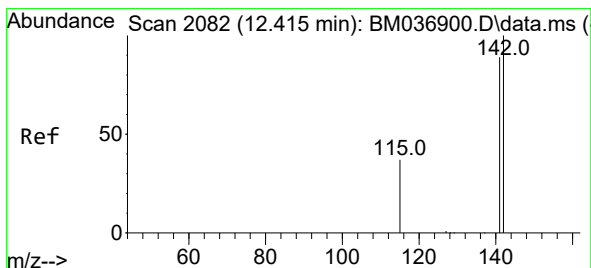
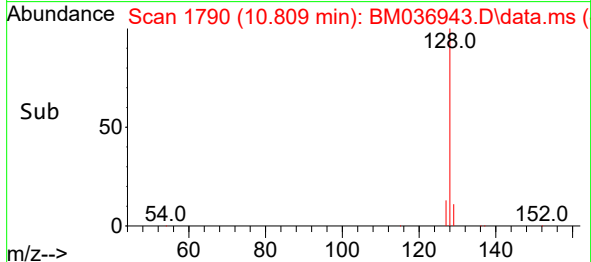
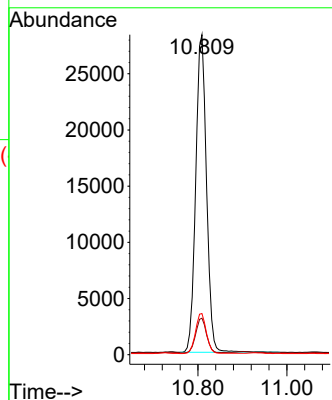
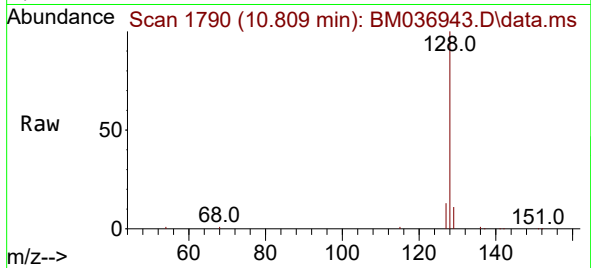




#5
Naphthalene
Concen: 0.560 ng/ul
RT: 10.809 min Scan# 1790
Delta R.T. 0.006 min
Lab File: BM036943.D
Acq: 11 Oct 2022 13:25

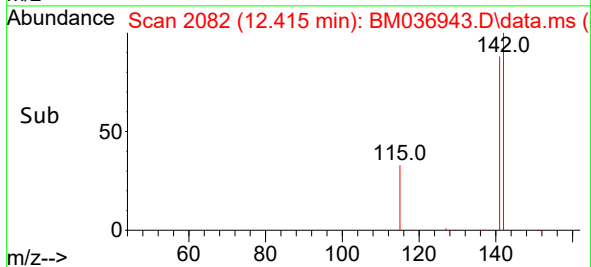
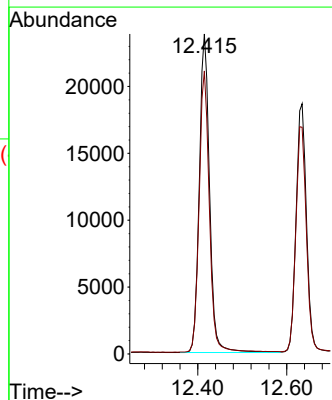
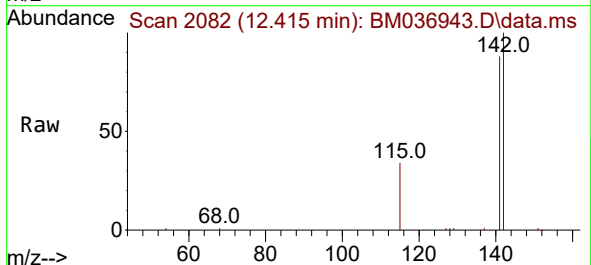
Instrument :
BNA_M
ClientSampleId :
C0BP2DL

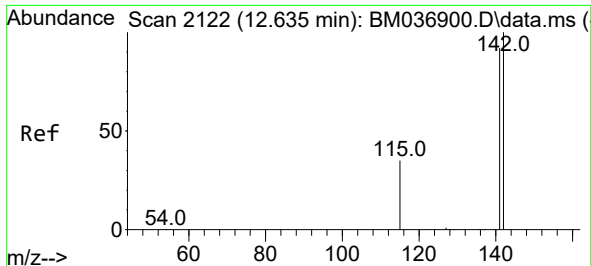
Tgt Ion:128 Resp: 47599
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 12.9 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.734 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM036943.D
Acq: 11 Oct 2022 13:25

Tgt Ion:142 Resp: 38199
Ion Ratio Lower Upper
142 100
141 88.3 77.4 116.0

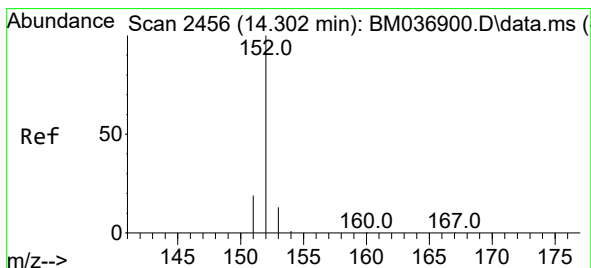
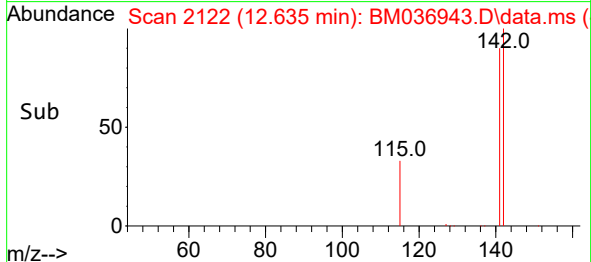
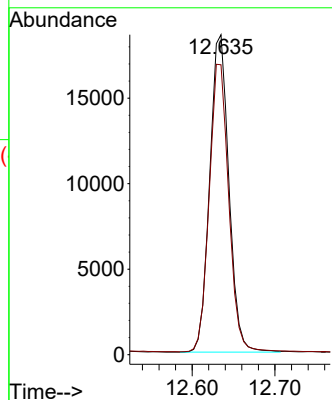
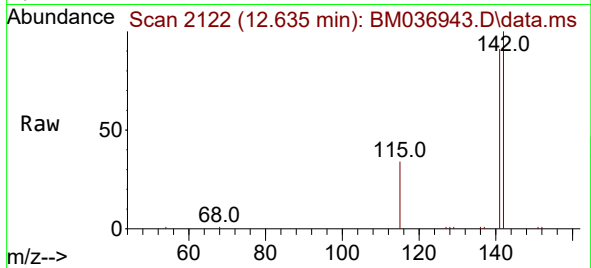




#8
1-Methylnaphthalene
Concen: 0.567 ng/ul
RT: 12.635 min Scan# 2122
Delta R.T. 0.006 min
Lab File: BM036943.D
Acq: 11 Oct 2022 13:25

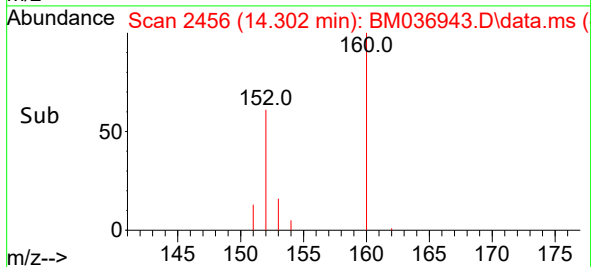
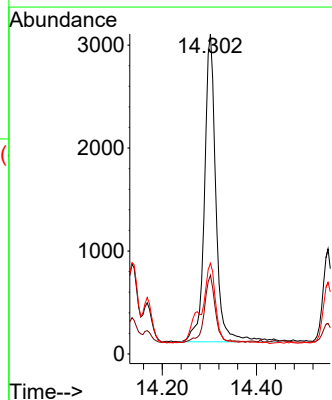
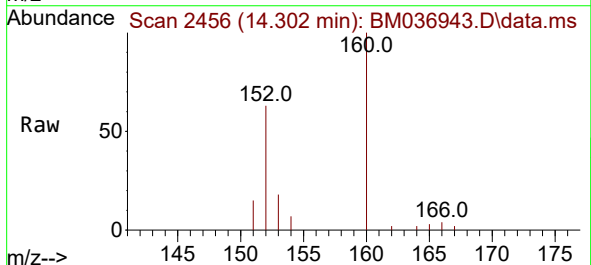
Instrument :
BNA_M
ClientSampleId :
C0BP2DL

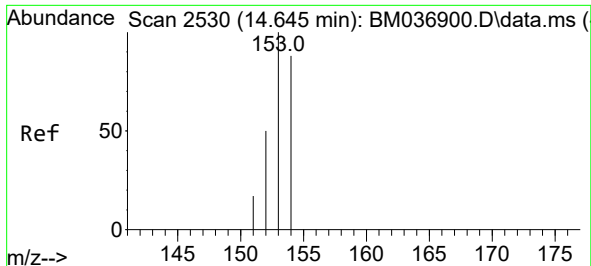
Tgt Ion:142 Resp: 29936
Ion Ratio Lower Upper
142 100
141 91.9 74.1 111.1



#10
Acenaphthylene
Concen: 0.071 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. 0.005 min
Lab File: BM036943.D
Acq: 11 Oct 2022 13:25

Tgt Ion:152 Resp: 5023
Ion Ratio Lower Upper
152 100
151 24.6 16.6 24.8
153 28.3 11.4 17.0#

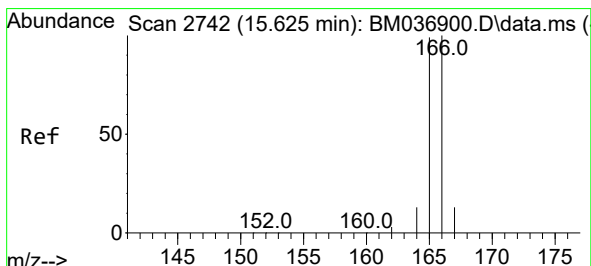
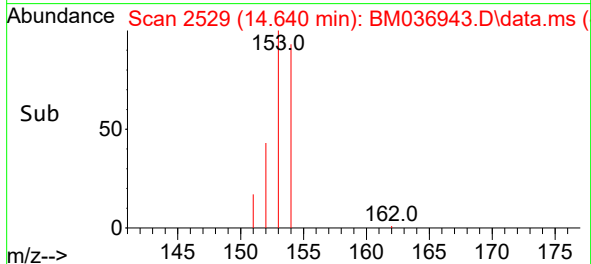
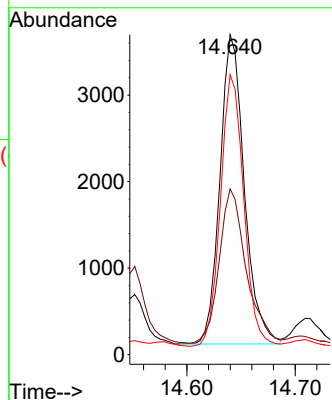
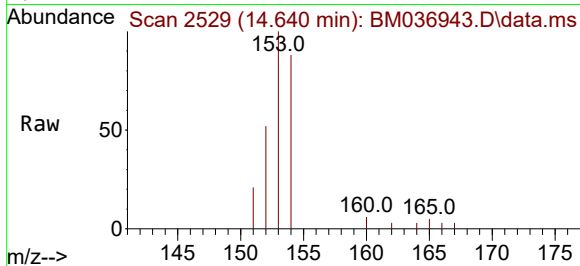




#11
Acenaphthene
Concen: 0.091 ng/u1
RT: 14.640 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036943.D
Acq: 11 Oct 2022 13:25

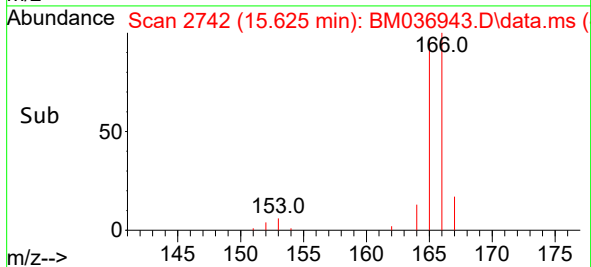
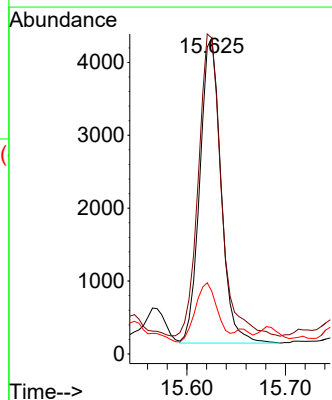
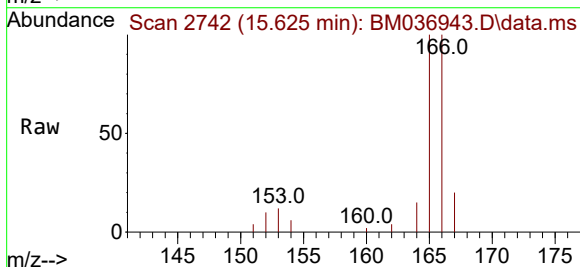
Instrument :
BNA_M
ClientSampleId :
C0BP2DL

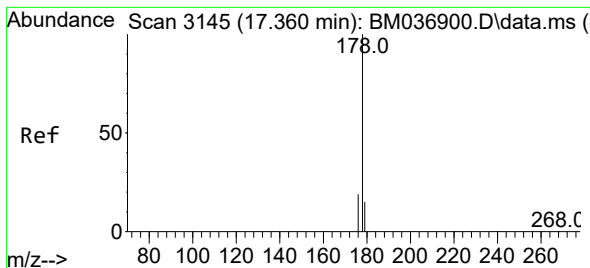
Tgt Ion:153 Resp: 5596
Ion Ratio Lower Upper
153 100
152 51.8 40.2 60.4
154 87.5 69.7 104.5



#12
Fluorene
Concen: 0.090 ng/u1
RT: 15.625 min Scan# 2742
Delta R.T. 0.005 min
Lab File: BM036943.D
Acq: 11 Oct 2022 13:25

Tgt Ion:166 Resp: 6252
Ion Ratio Lower Upper
166 100
165 100.0 78.9 118.3
167 19.7 11.3 16.9#





#15

Phenanthrene

Concen: 1.226 ng/ul

RT: 17.356 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BM036943.D

Acq: 11 Oct 2022 13:25

Instrument :

BNA_M

ClientSampleId :

C0BP2DL

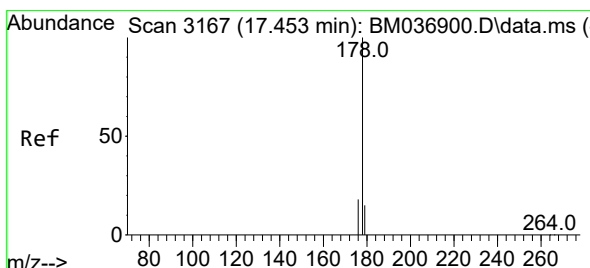
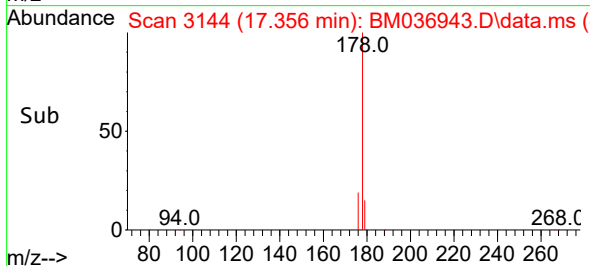
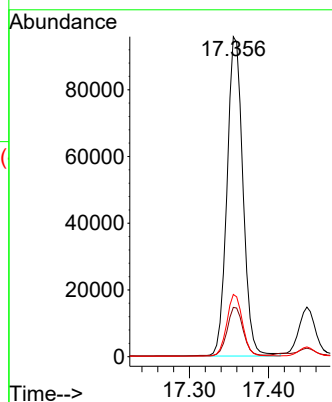
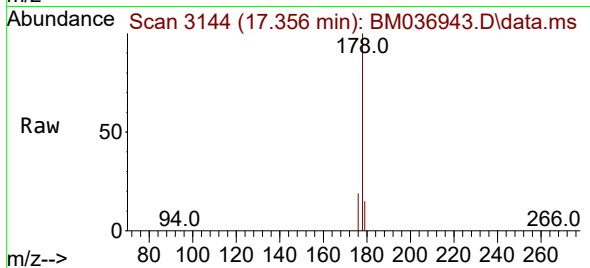
Tgt Ion:178 Resp: 133900

Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.6

176 19.5 15.6 23.4



#16

Anthracene

Concen: 0.240 ng/ul

RT: 17.448 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BM036943.D

Acq: 11 Oct 2022 13:25

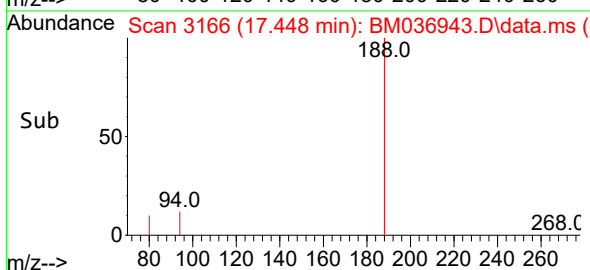
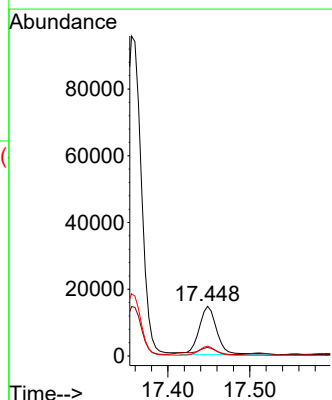
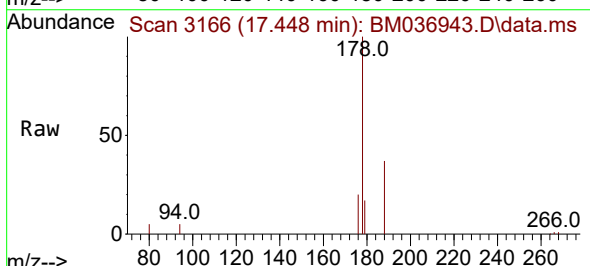
Tgt Ion:178 Resp: 21940

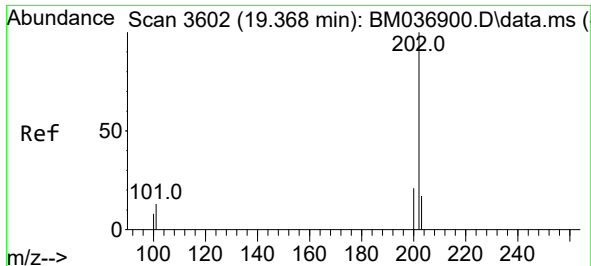
Ion Ratio Lower Upper

178 100

179 17.0 13.6 20.4

176 19.6 15.6 23.4

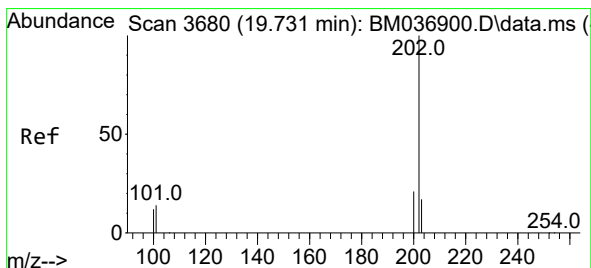
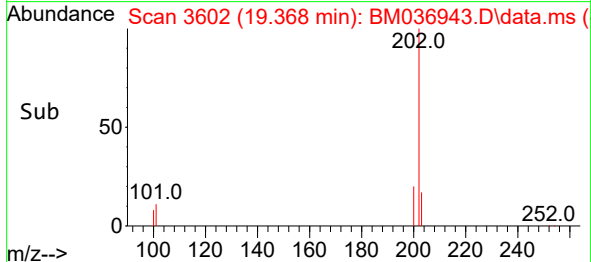
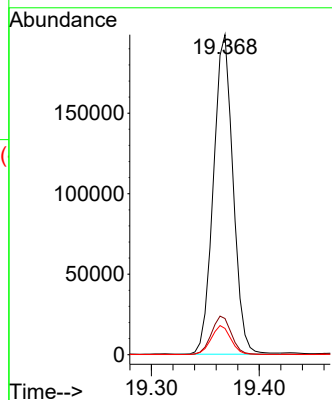
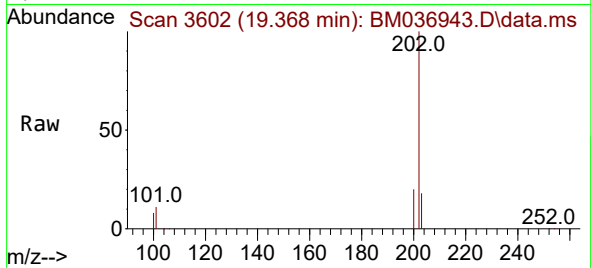




#19
Fluoranthene
Concen: 2.804 ng/u1
RT: 19.368 min Scan# 3602
Delta R.T. 0.005 min
Lab File: BM036943.D
Acq: 11 Oct 2022 13:25

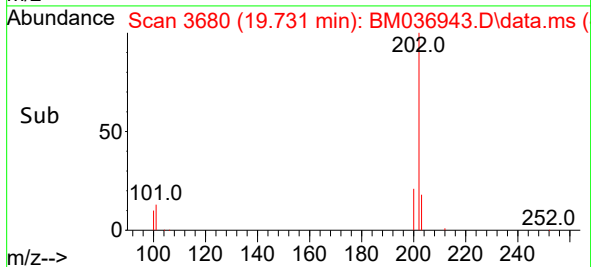
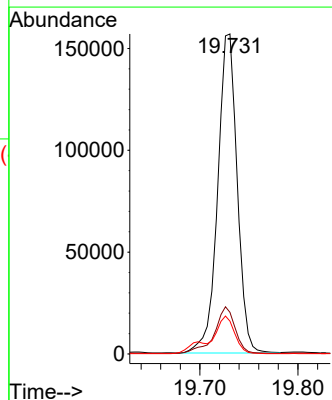
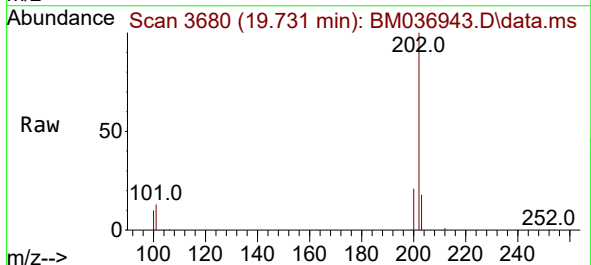
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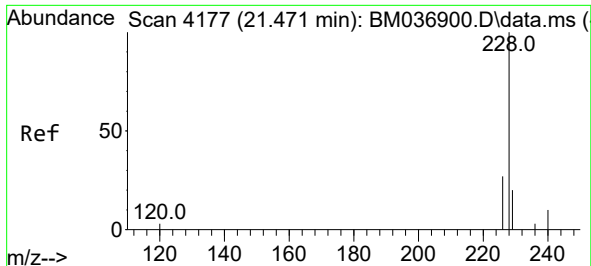
Tgt Ion:202 Resp: 251079
Ion Ratio Lower Upper
202 100
101 11.3 10.1 15.1
100 8.2 7.9 11.9



#20
Pyrene
Concen: 2.329 ng/u1
RT: 19.731 min Scan# 3680
Delta R.T. 0.005 min
Lab File: BM036943.D
Acq: 11 Oct 2022 13:25

Tgt Ion:202 Resp: 217421
Ion Ratio Lower Upper
202 100
101 13.0 12.0 18.0
100 10.3 9.8 14.6

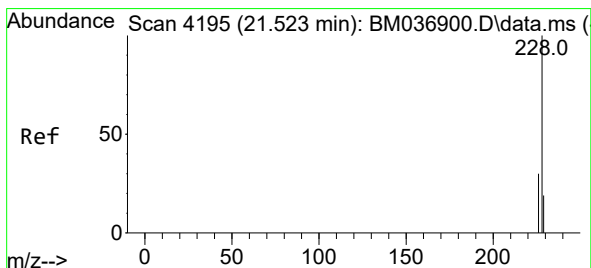
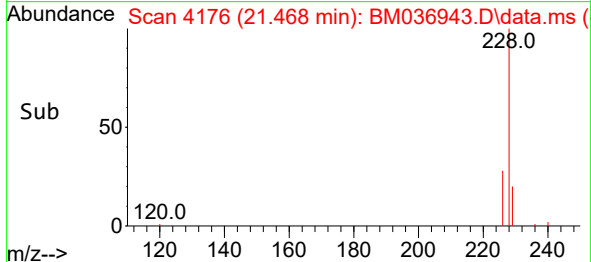
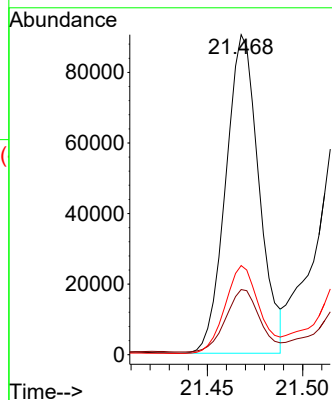
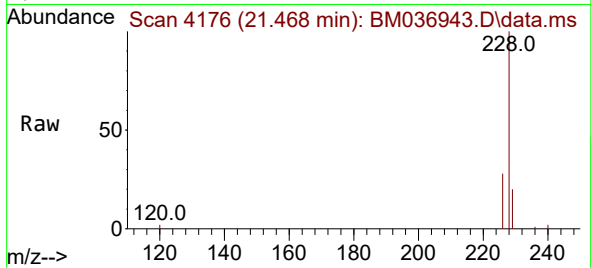




#21
Benzo(a)anthracene
Concen: 1.346 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BM036943.D
Acq: 11 Oct 2022 13:25

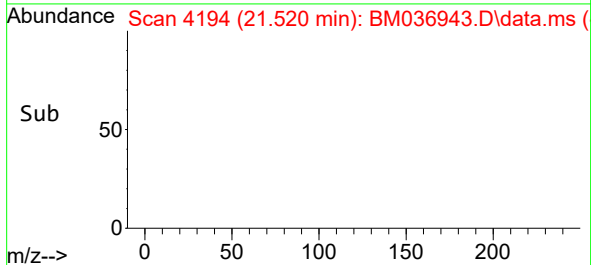
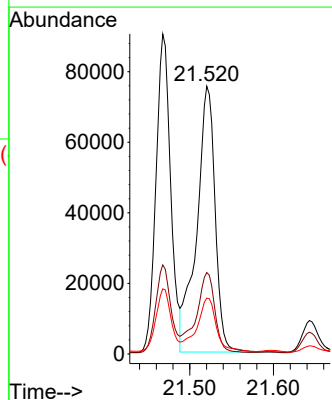
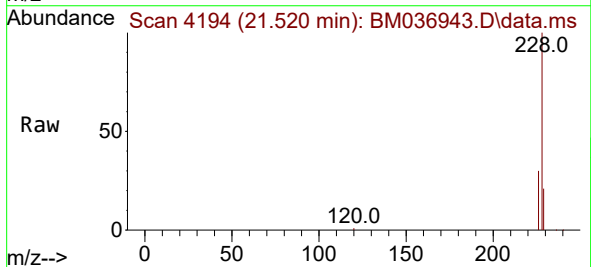
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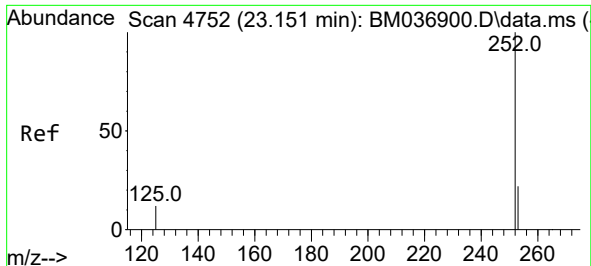
Tgt Ion:228 Resp: 109457
Ion Ratio Lower Upper
228 100
229 20.4 16.2 24.2
226 27.9 22.5 33.7



#22
Chrysene
Concen: 1.323 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BM036943.D
Acq: 11 Oct 2022 13:25

Tgt Ion:228 Resp: 115527
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.9 16.4 24.6

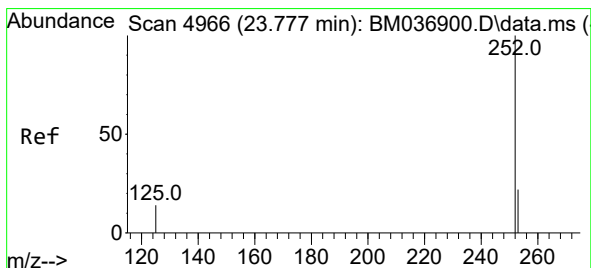
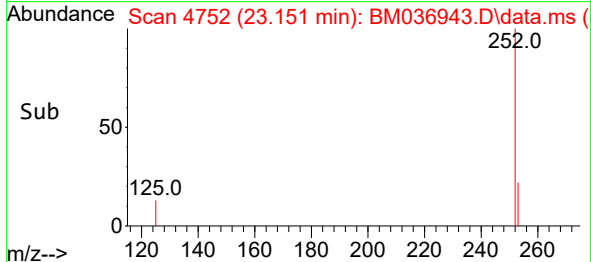
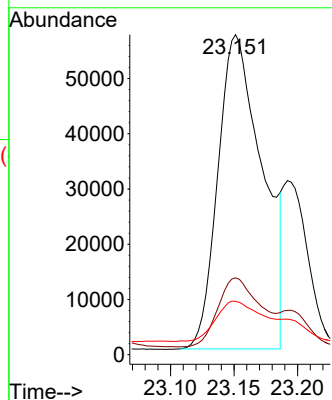
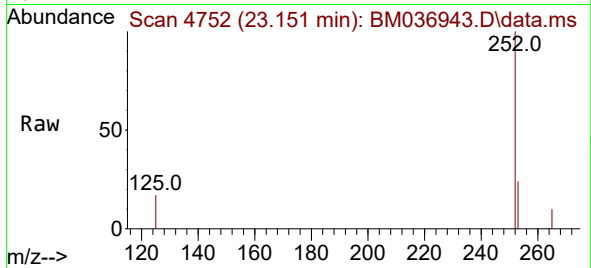




#24
Benzo(b)fluoranthene
Concen: 1.812 ng/ul
RT: 23.151 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM036943.D
Acq: 11 Oct 2022 13:25

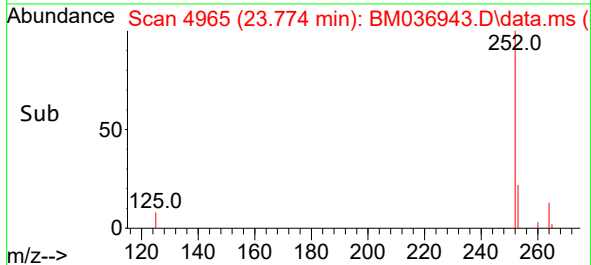
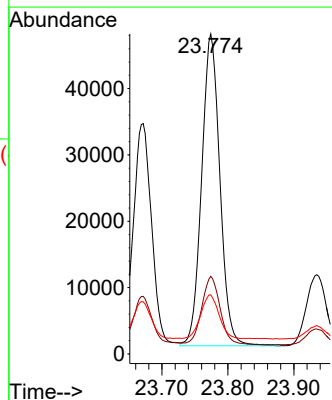
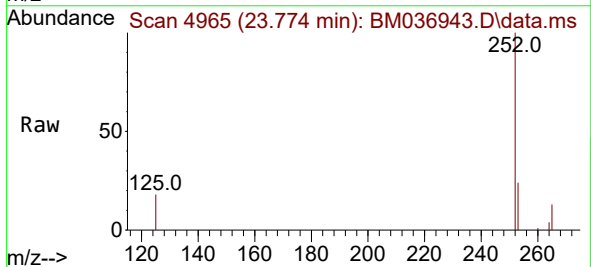
Instrument :
BNA_M
ClientSampleId :
C0BP2DL

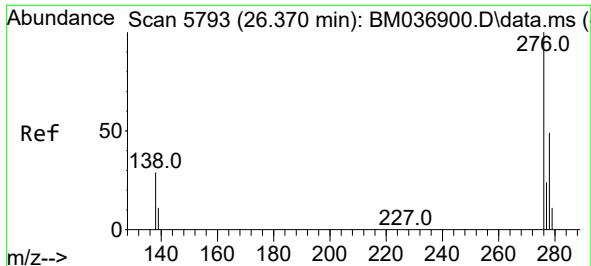
Tgt Ion:252 Resp: 138368
Ion Ratio Lower Upper
252 100
253 24.0 0.0 61.4
125 16.6 0.0 42.6



#26
Benzo(a)pyrene
Concen: 1.463 ng/ul
RT: 23.774 min Scan# 4965
Delta R.T. 0.003 min
Lab File: BM036943.D
Acq: 11 Oct 2022 13:25

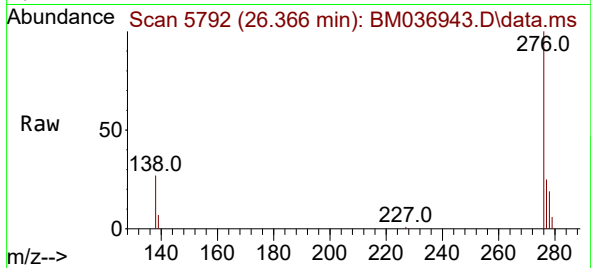
Tgt Ion:252 Resp: 90660
Ion Ratio Lower Upper
252 100
253 24.2 29.7 44.5#
125 18.5 23.6 35.4#



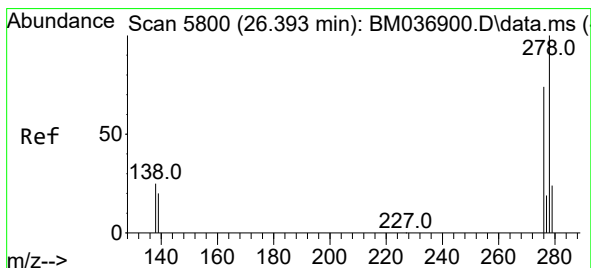
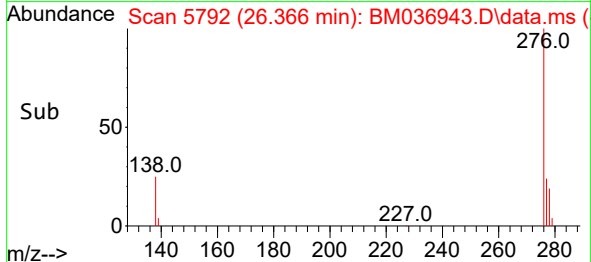
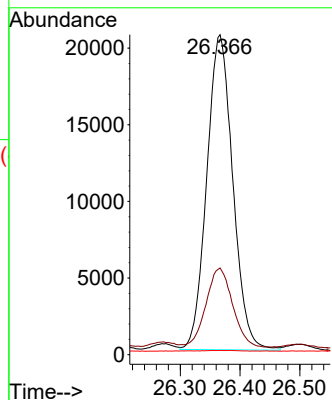


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.709 ng/ul
 RT: 26.366 min Scan# 5792
 Delta R.T. 0.003 min
 Lab File: BM036943.D
 Acq: 11 Oct 2022 13:25

Instrument :
 BNA_M
 ClientSampleId :
 C0BP2DL

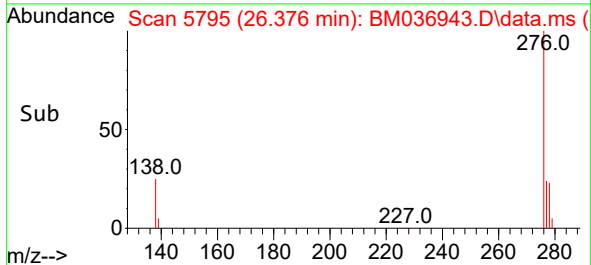
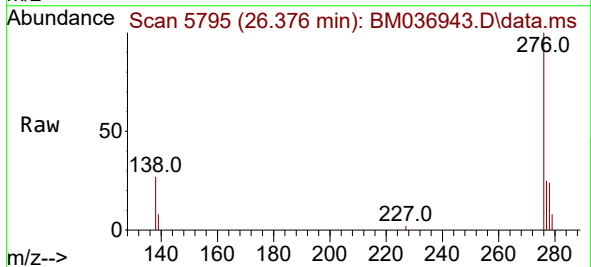
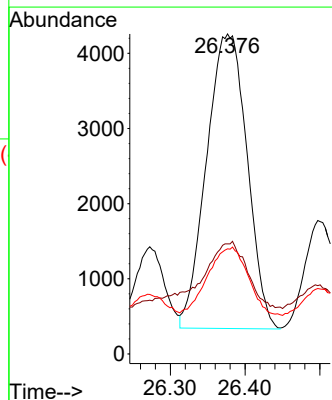


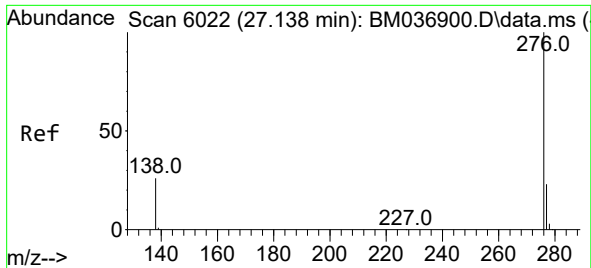
Tgt Ion:276 Resp: 62220
 Ion Ratio Lower Upper
 276 100
 138 25.8 23.9 35.9
 227 0.3 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.208 ng/ul
 RT: 26.376 min Scan# 5795
 Delta R.T. -0.003 min
 Lab File: BM036943.D
 Acq: 11 Oct 2022 13:25

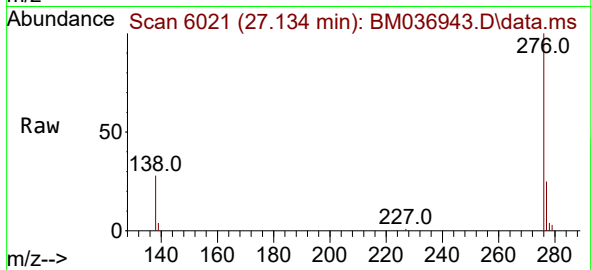
Tgt Ion:278 Resp: 14787
 Ion Ratio Lower Upper
 278 100
 139 34.4 19.8 29.6#
 279 32.8 27.7 41.5





#29
Benzo(g,h,i)perylene
Concen: 0.744 ng/ul
RT: 27.134 min Scan# 6021
Delta R.T. 0.007 min
Lab File: BM036943.D
Acq: 11 Oct 2022 13:25

Instrument :
BNA_M
ClientSampleId :
C0BP2DL



Tgt Ion:276 Resp: 57519
Ion Ratio Lower Upper
276 100
138 27.8 23.4 35.0
277 24.9 21.0 31.4

