

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036956.D
 Acq On : 11 Oct 2022 21:53
 Operator : CG/JU
 Sample : N5024-08
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ7

Quant Time: Oct 12 01:28:21 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)

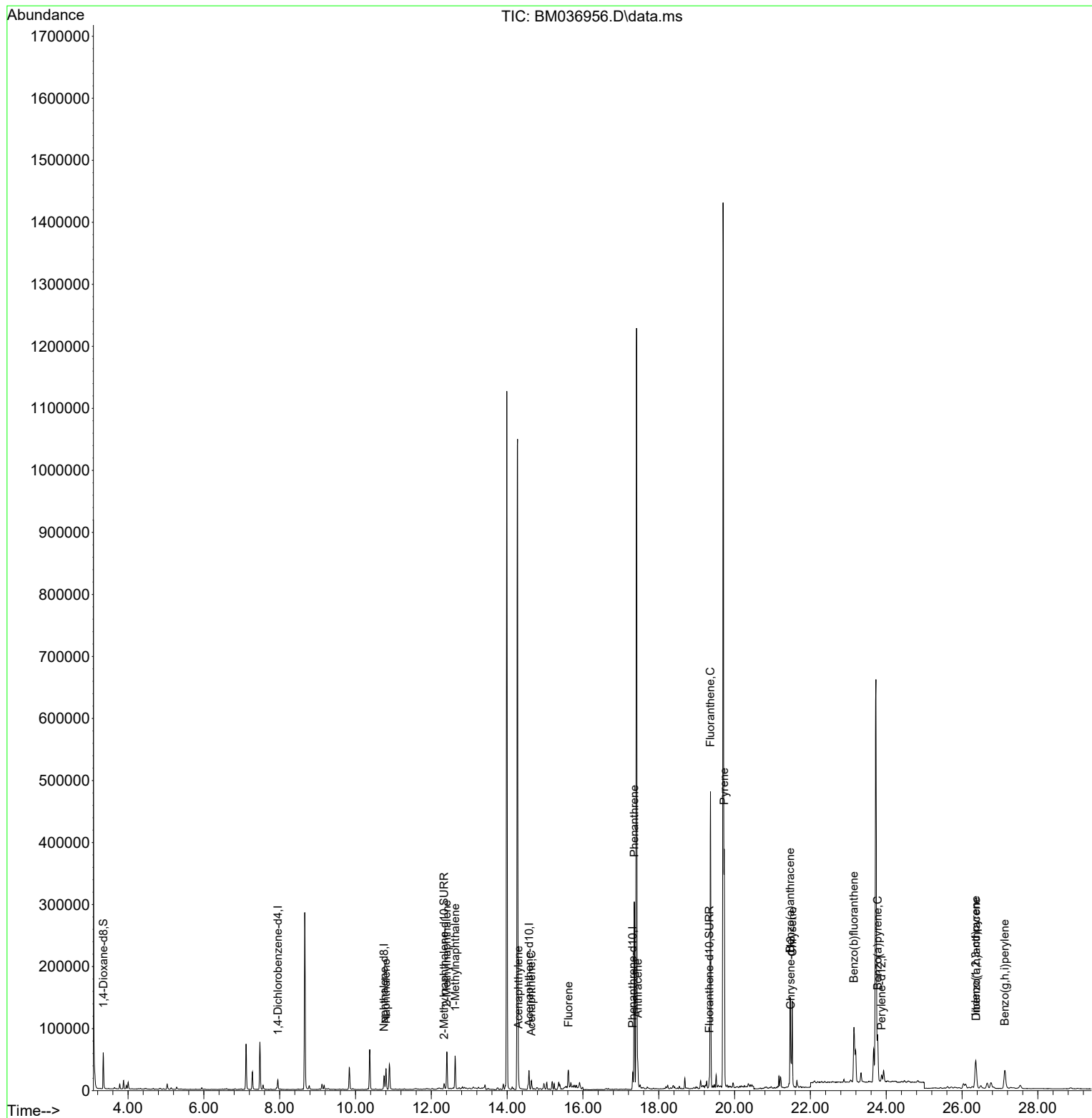
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7967	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	28812	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.580	164	16085	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	30798	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	16806	0.400	ng/ul #	0.00
23) Perylene-d12	23.879	264	15384	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	34612	3.081	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	9634	0.221	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	16796	0.334	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.803	128	45128	0.548	ng/ul	97
7) 2-Methylnaphthalene	12.409	142	42961	0.853	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	35917	0.702	ng/ul	99
10) Acenaphthylene	14.302	152	16877	0.252	ng/ul#	92
11) Acenaphthene	14.640	153	8845	0.152	ng/ul	99
12) Fluorene	15.621	166	14156	0.215	ng/ul#	91
15) Phenanthrene	17.355	178	313362	3.187	ng/ul	99
16) Anthracene	17.448	178	35274	0.429	ng/ul	99
19) Fluoranthene	19.363	202	388739	5.816	ng/ul	99
20) Pyrene	19.726	202	302719	4.343	ng/ul	100
21) Benzo(a)anthracene	21.468	228	121153	1.995	ng/ul	98
22) Chrysene	21.520	228	136053	2.087	ng/ul	98
24) Benzo(b)fluoranthene	23.148	252	159583	2.322	ng/ul	91
26) Benzo(a)pyrene	23.771	252	100585	1.804	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.363	276	75430	0.955	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.373	278	18933	0.297	ng/ul#	89
29) Benzo(g,h,i)perylene	27.128	276	66420	0.954	ng/ul	98

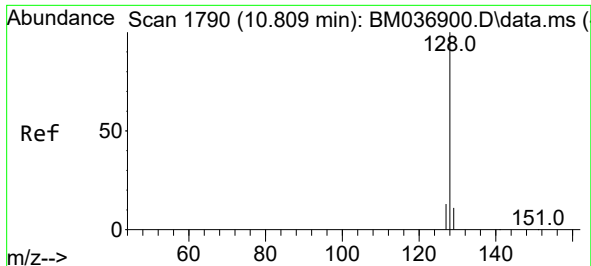
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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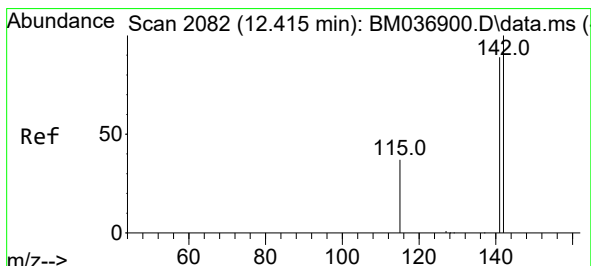
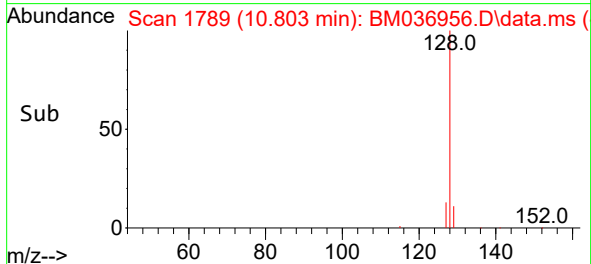
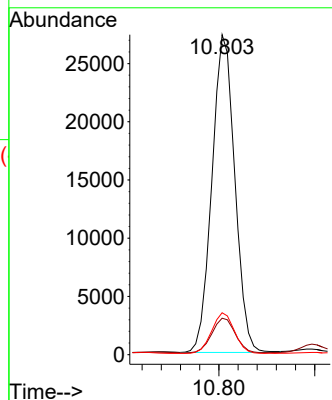
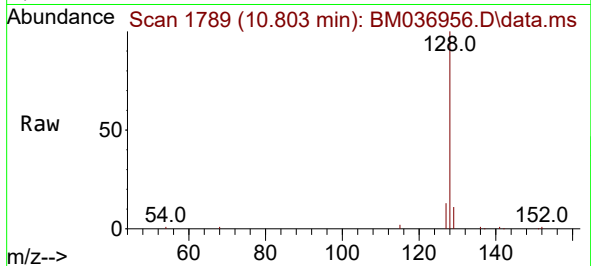




#5
Naphthalene
Concen: 0.548 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036956.D
Acq: 11 Oct 2022 21:53

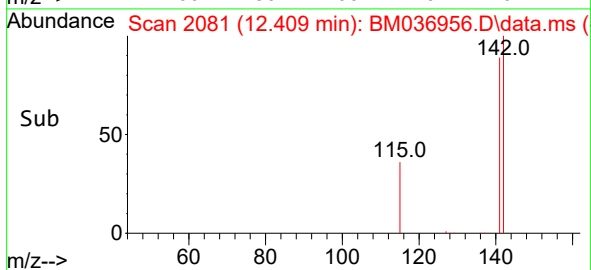
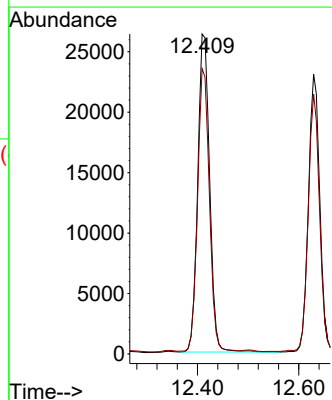
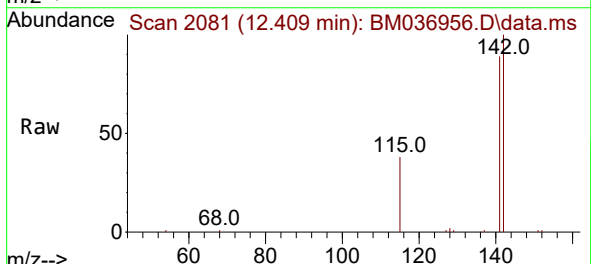
Instrument :
BNA_M
ClientSampleId :
C0BJ7

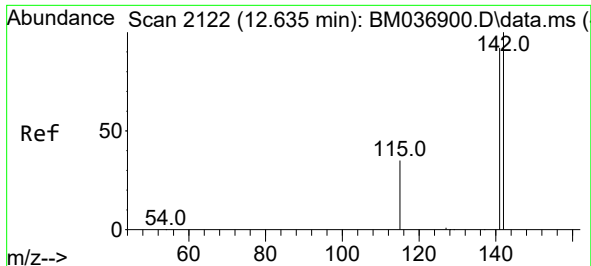
Tgt Ion:128 Resp: 45128
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 13.1 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.853 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036956.D
Acq: 11 Oct 2022 21:53

Tgt Ion:142 Resp: 42961
Ion Ratio Lower Upper
142 100
141 87.4 77.4 116.0

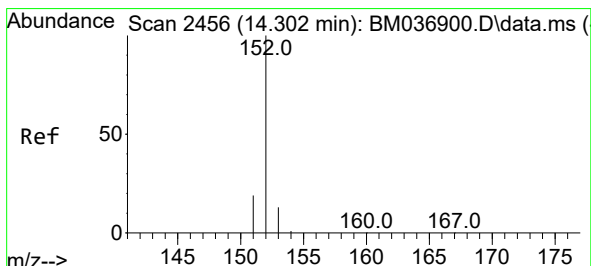
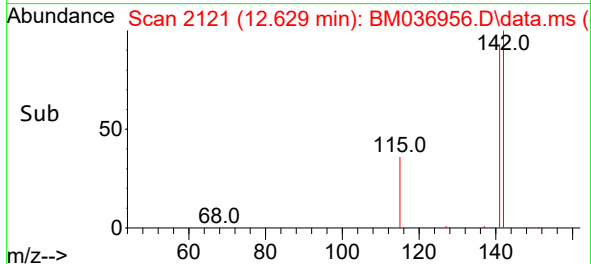
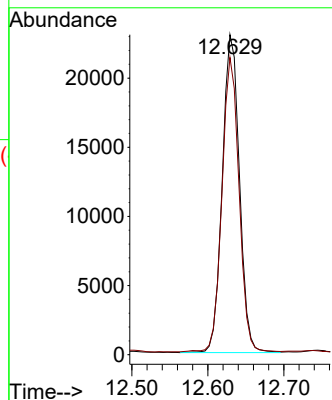
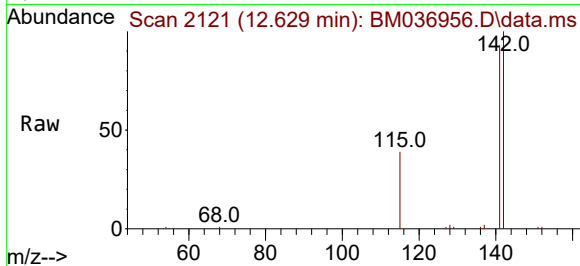




#8
1-Methylnaphthalene
Concen: 0.702 ng/ul
RT: 12.629 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM036956.D
Acq: 11 Oct 2022 21:53

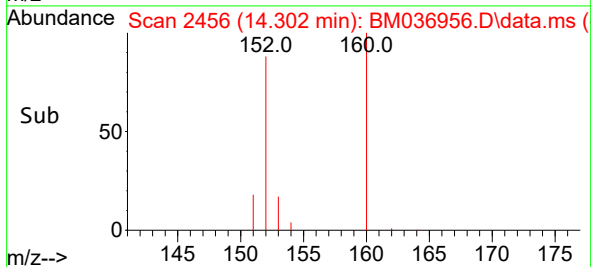
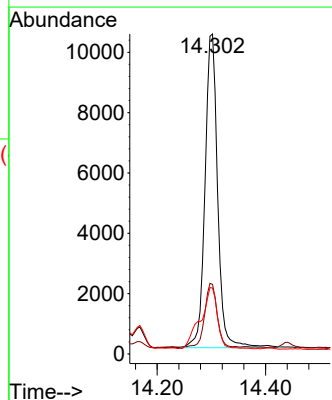
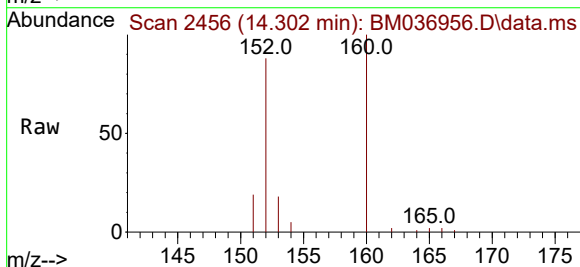
Instrument :
BNA_M
ClientSampleId :
C0BJ7

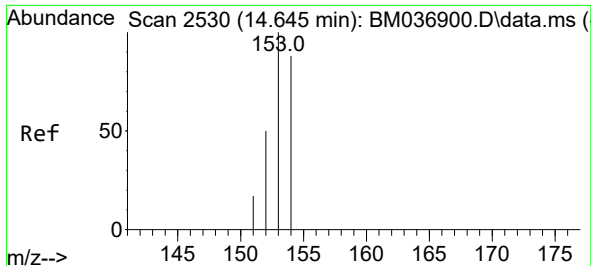
Tgt Ion:142 Resp: 35917
Ion Ratio Lower Upper
142 100
141 91.9 74.1 111.1



#10
Acenaphthylene
Concen: 0.252 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. 0.005 min
Lab File: BM036956.D
Acq: 11 Oct 2022 21:53

Tgt Ion:152 Resp: 16877
Ion Ratio Lower Upper
152 100
151 21.8 16.6 24.8
153 20.6 11.4 17.0#

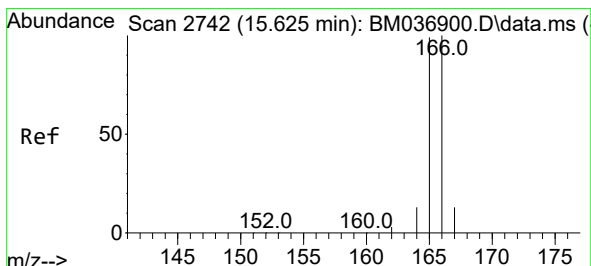
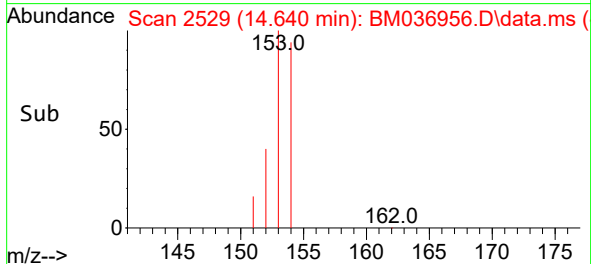
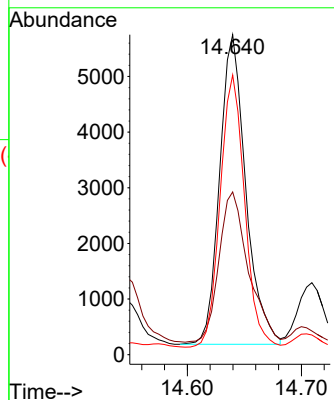
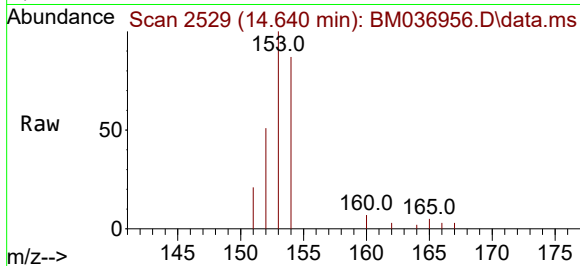




#11
Acenaphthene
Concen: 0.152 ng/ul
RT: 14.640 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036956.D
Acq: 11 Oct 2022 21:53

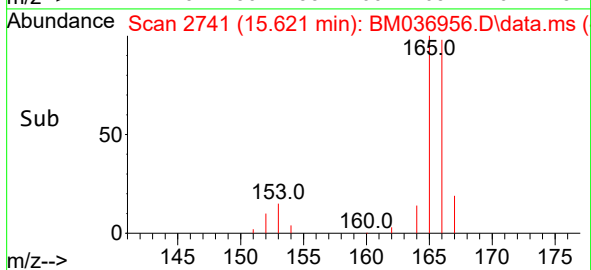
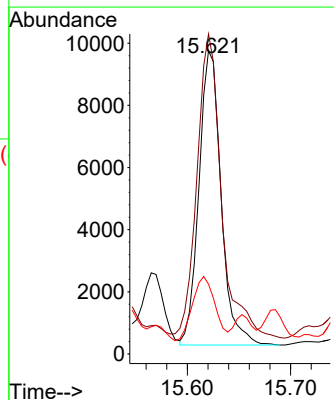
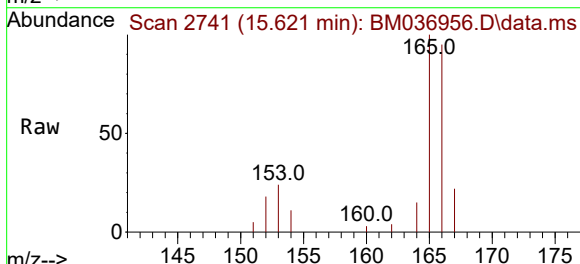
Instrument :
BNA_M
ClientSampleId :
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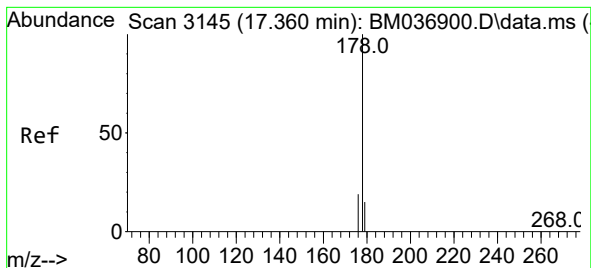
Tgt Ion:153 Resp: 8845
Ion Ratio Lower Upper
153 100
152 50.9 40.2 60.4
154 87.4 69.7 104.5



#12
Fluorene
Concen: 0.215 ng/ul
RT: 15.621 min Scan# 2741
Delta R.T. 0.000 min
Lab File: BM036956.D
Acq: 11 Oct 2022 21:53

Tgt Ion:166 Resp: 14156
Ion Ratio Lower Upper
166 100
165 105.5 78.9 118.3
167 23.0 11.3 16.9#





#15

Phenanthrene

Concen: 3.187 ng/ul

RT: 17.355 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BM036956.D

Acq: 11 Oct 2022 21:53

Instrument :

BNA_M

ClientSampleId :

C0BJ7

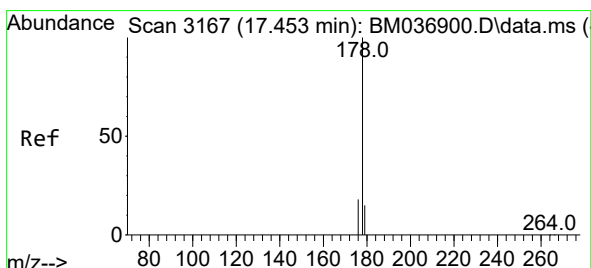
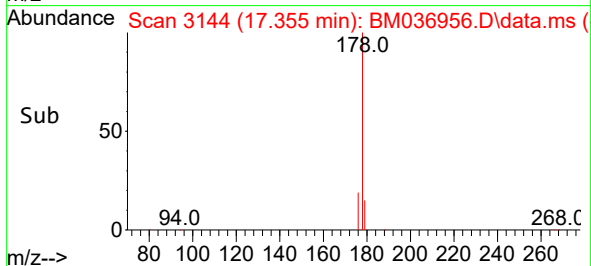
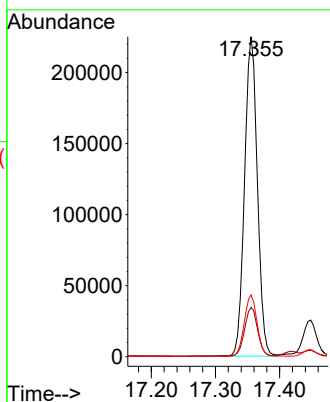
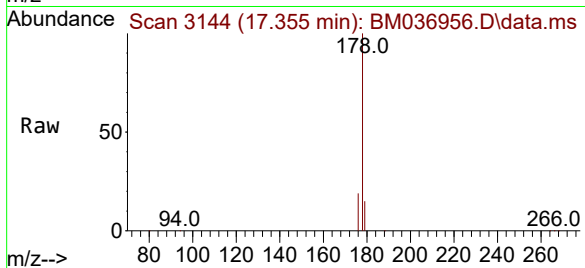
Tgt Ion:178 Resp: 313362

Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.6

176 19.3 15.6 23.4



#16

Anthracene

Concen: 0.429 ng/ul

RT: 17.448 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BM036956.D

Acq: 11 Oct 2022 21:53

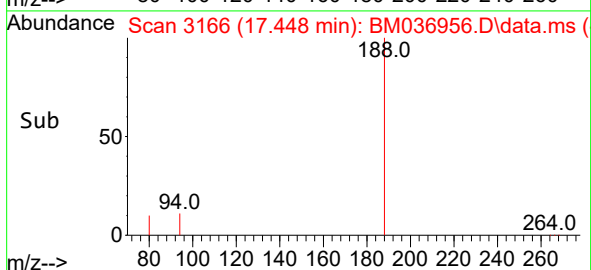
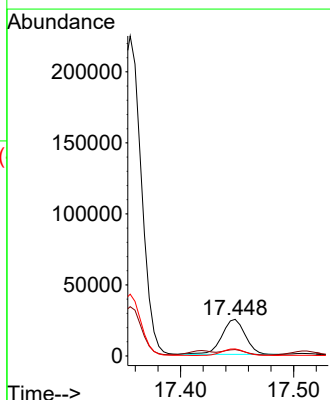
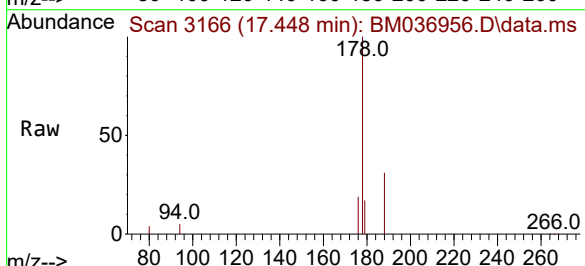
Tgt Ion:178 Resp: 35274

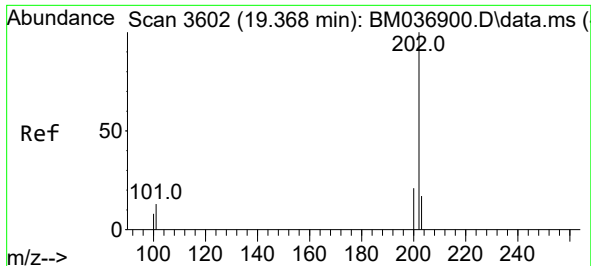
Ion Ratio Lower Upper

178 100

179 17.3 13.6 20.4

176 19.3 15.6 23.4

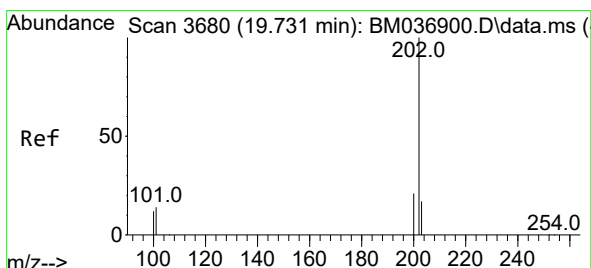
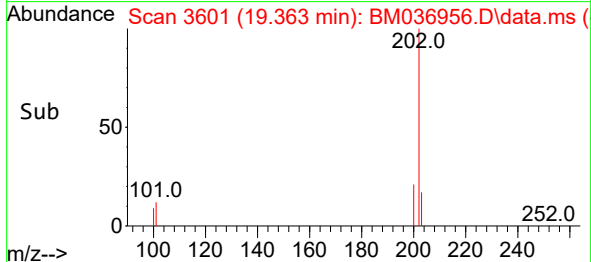
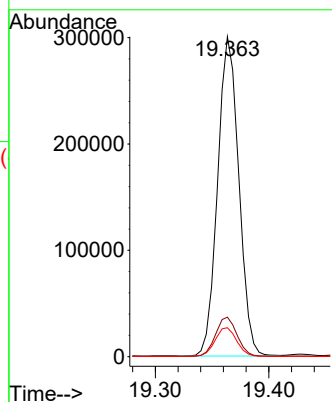
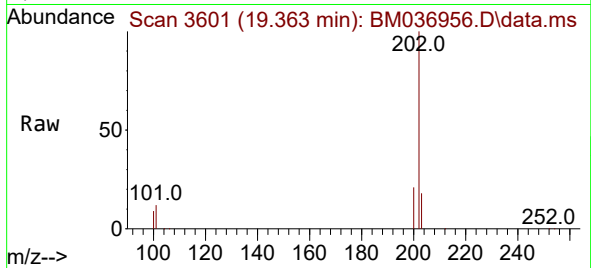




#19
Fluoranthene
Concen: 5.816 ng/ul
RT: 19.363 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BM036956.D
Acq: 11 Oct 2022 21:53

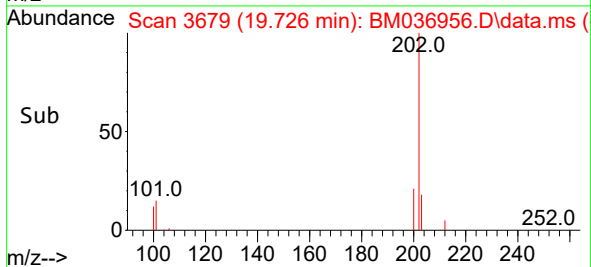
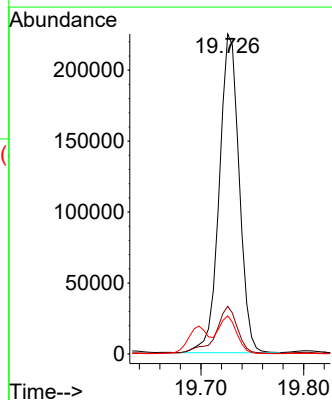
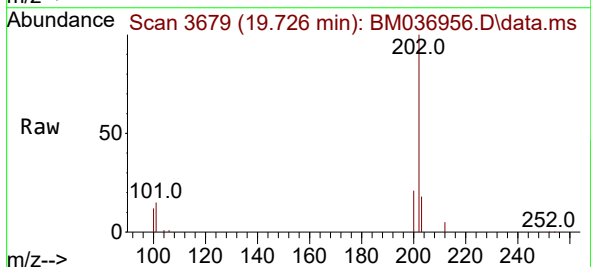
Instrument :
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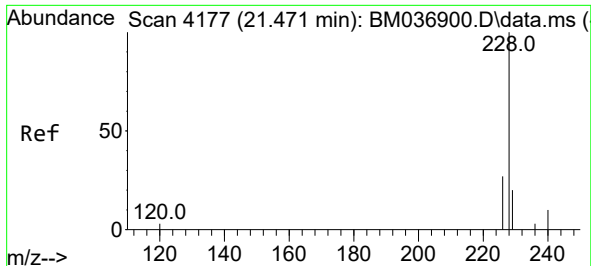
Tgt Ion:202 Resp: 388739
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 9.1 7.9 11.9



#20
Pyrene
Concen: 4.343 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM036956.D
Acq: 11 Oct 2022 21:53

Tgt Ion:202 Resp: 302719
Ion Ratio Lower Upper
202 100
101 14.9 12.0 18.0
100 11.9 9.8 14.6

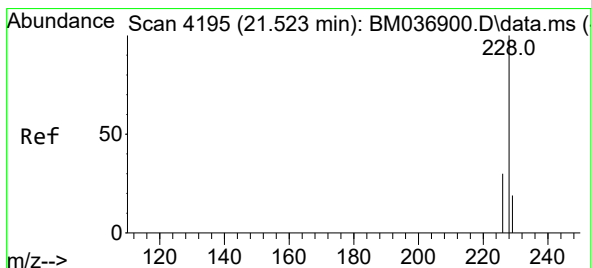
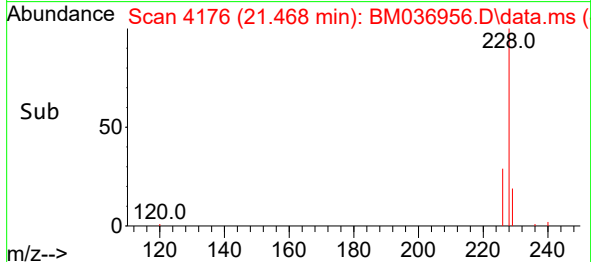
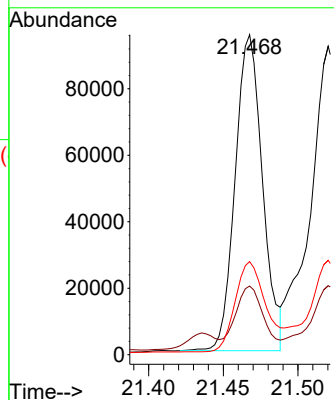
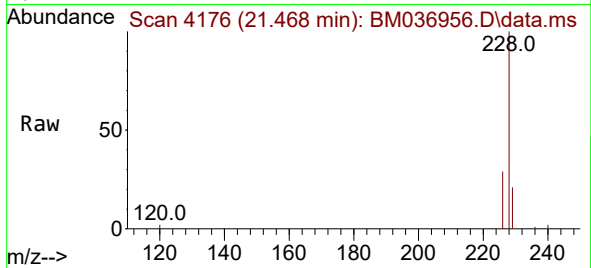




#21
Benzo(a)anthracene
Concen: 1.995 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BM036956.D
Acq: 11 Oct 2022 21:53

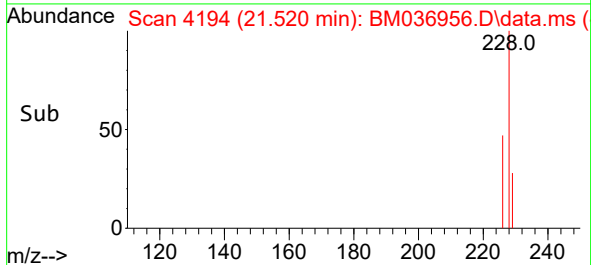
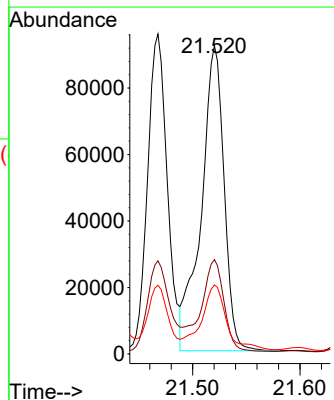
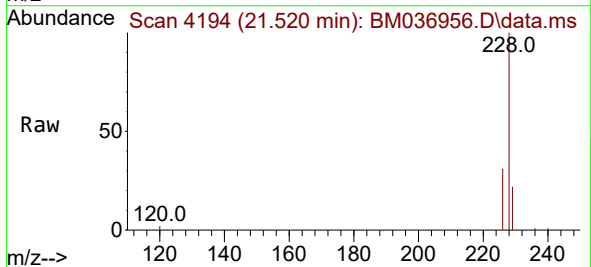
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BNA_M
ClientSampleId :
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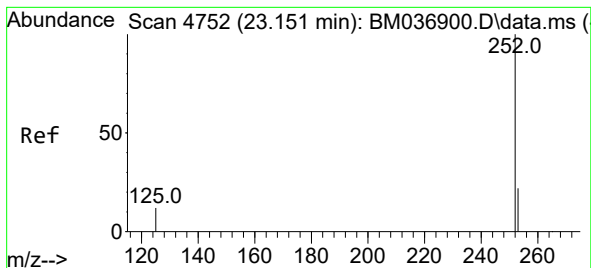
Tgt Ion:228 Resp: 121153
Ion Ratio Lower Upper
228 100
229 21.4 16.2 24.2
226 29.1 22.5 33.7



#22
Chrysene
Concen: 2.087 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. 0.000 min
Lab File: BM036956.D
Acq: 11 Oct 2022 21:53

Tgt Ion:228 Resp: 136053
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 22.4 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 2.322 ng/ul

RT: 23.148 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM036956.D

Acq: 11 Oct 2022 21:53

Instrument :

BNA_M

ClientSampleId :

C0BJ7

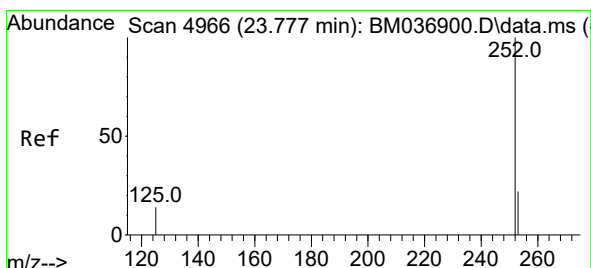
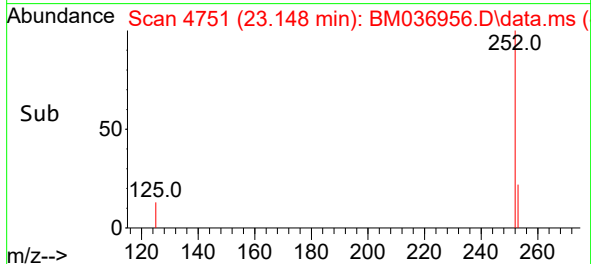
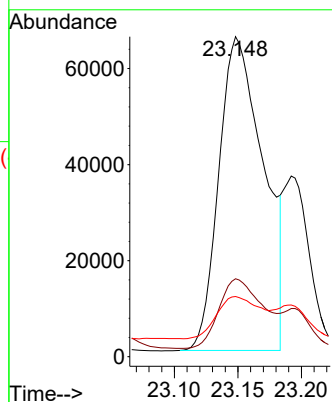
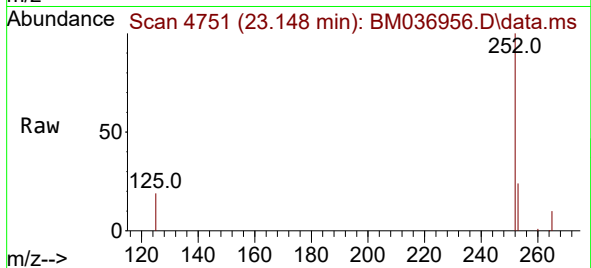
Tgt Ion:252 Resp: 159583

Ion Ratio Lower Upper

252 100

253 24.3 0.0 61.4

125 18.8 0.0 42.6



#26

Benzo(a)pyrene

Concen: 1.804 ng/ul

RT: 23.771 min Scan# 4964

Delta R.T. 0.000 min

Lab File: BM036956.D

Acq: 11 Oct 2022 21:53

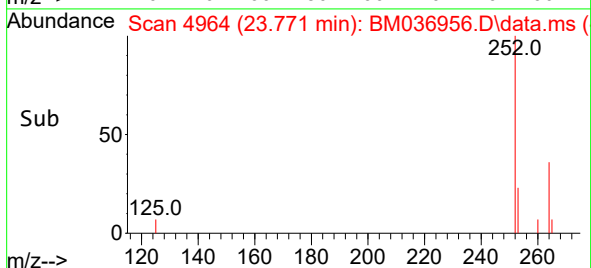
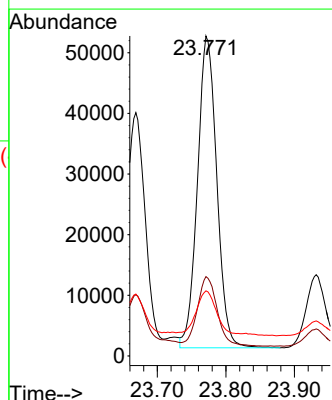
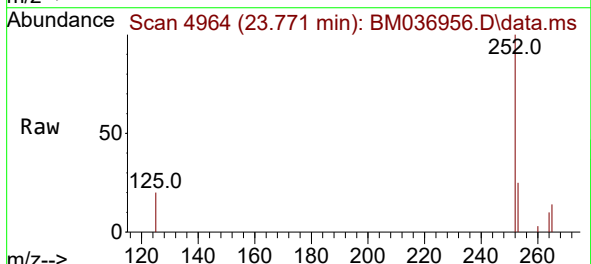
Tgt Ion:252 Resp: 100585

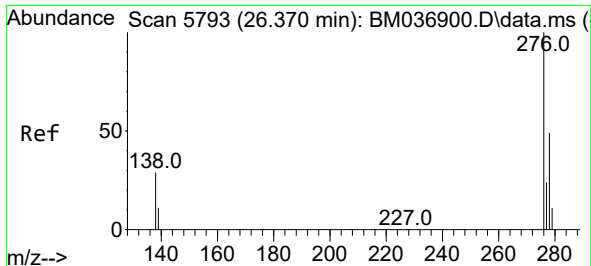
Ion Ratio Lower Upper

252 100

253 24.8 29.7 44.5#

125 20.3 23.6 35.4#

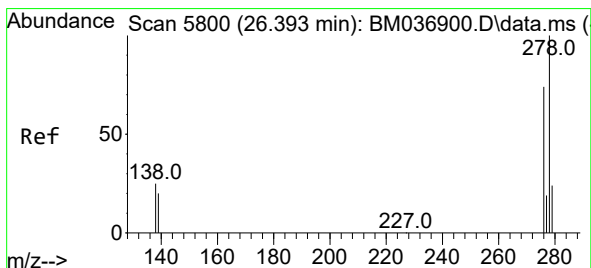
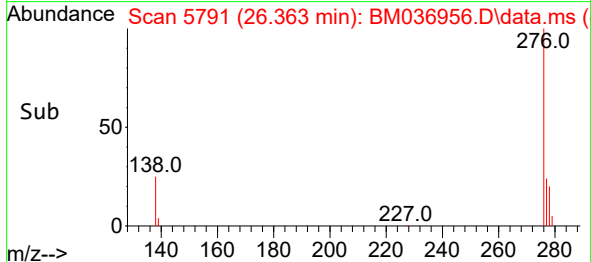
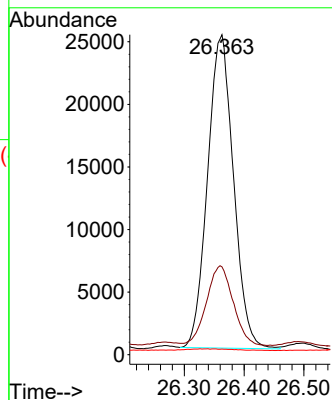
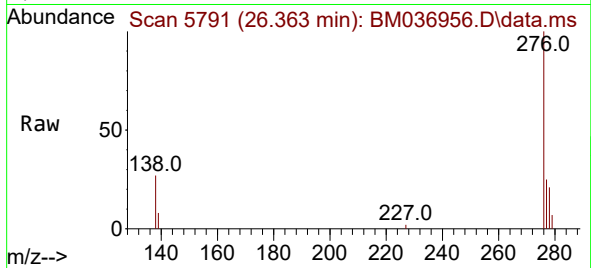




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.955 ng/ul
 RT: 26.363 min Scan# 5791
 Delta R.T. 0.000 min
 Lab File: BM036956.D
 Acq: 11 Oct 2022 21:53

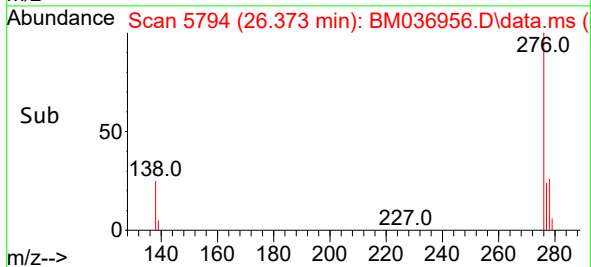
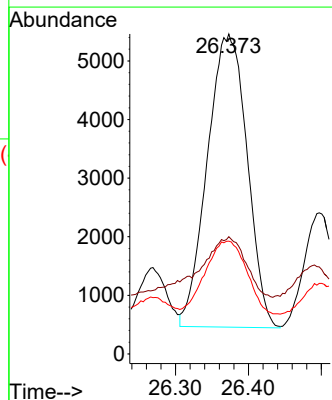
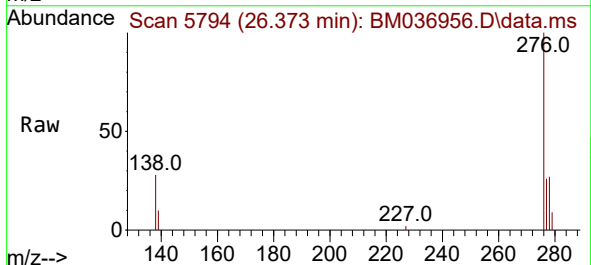
Instrument :
 BNA_M
 ClientSampleId :
 C0BJ7

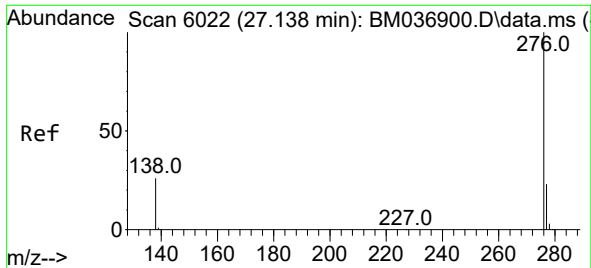
Tgt Ion:276 Resp: 75430
 Ion Ratio Lower Upper
 276 100
 138 26.3 23.9 35.9
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.297 ng/ul
 RT: 26.373 min Scan# 5794
 Delta R.T. -0.007 min
 Lab File: BM036956.D
 Acq: 11 Oct 2022 21:53

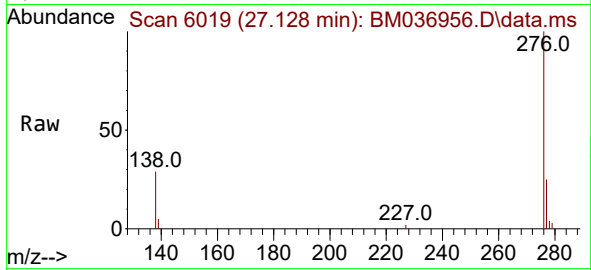
Tgt Ion:278 Resp: 18933
 Ion Ratio Lower Upper
 278 100
 139 36.7 19.8 29.6#
 279 35.2 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.954 ng/ul
 RT: 27.128 min Scan# 6019
 Delta R.T. 0.000 min
 Lab File: BM036956.D
 Acq: 11 Oct 2022 21:53

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ7



Tgt Ion: 276 Resp: 66420

Ion	Ratio	Lower	Upper
276	100		
138	28.6	23.4	35.0
277	24.8	21.0	31.4

