

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036955.D
 Acq On : 11 Oct 2022 21:17
 Operator : CG/JU
 Sample : N5024-07
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF8

Quant Time: Oct 12 01:28:11 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)

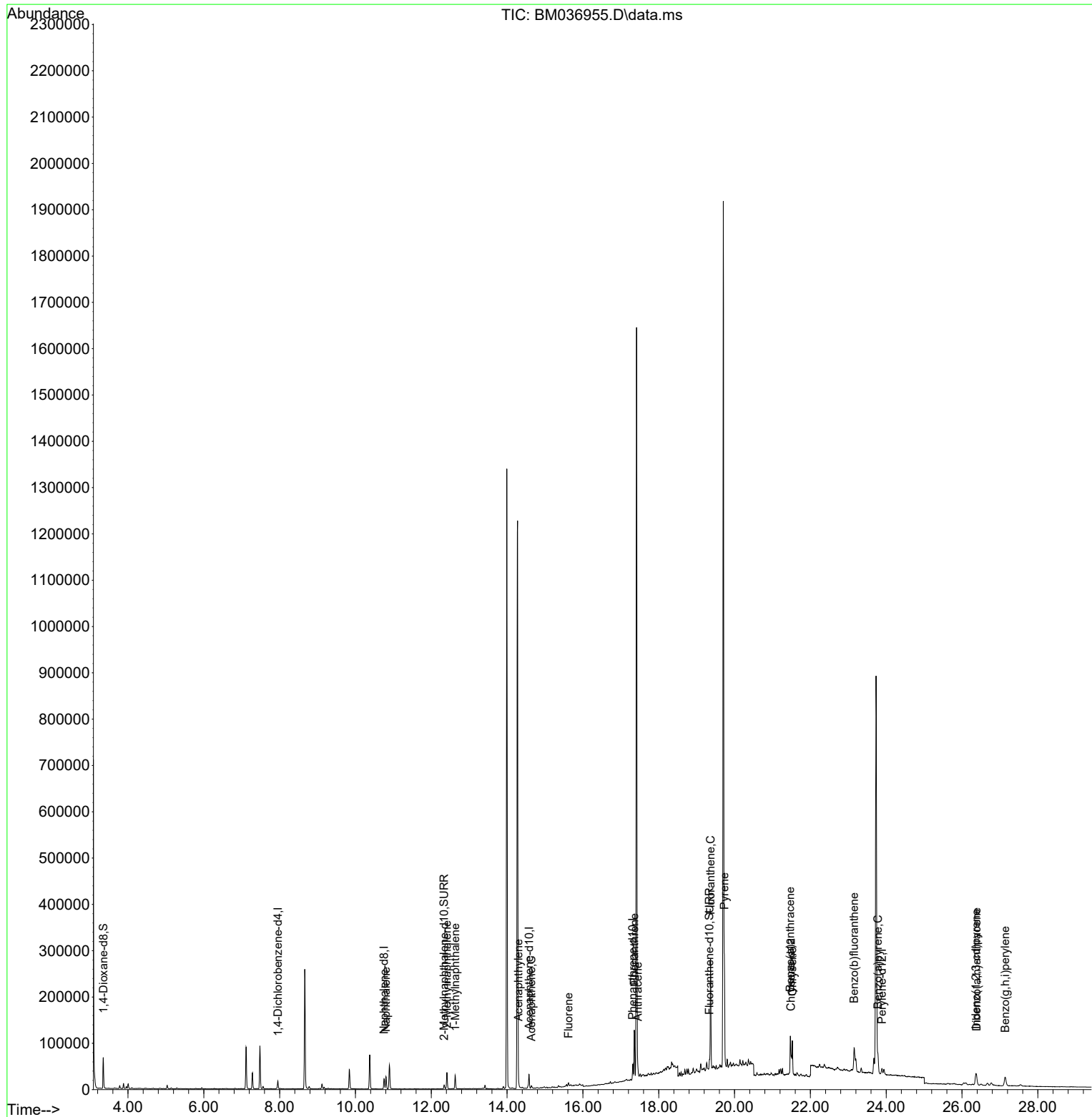
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8281	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	29232	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.580	164	16690	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	33969	0.400	ng/ul #	0.00
17) Chrysene-d12	21.488	240	19805	0.400	ng/ul #	0.00
23) Perylene-d12	23.888	264	18300	0.400	ng/ul #	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	40565	3.474	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	11289	0.256	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	22649	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	35596	0.426	ng/ul	97
7) 2-Methylnaphthalene	12.415	142	25634	0.501	ng/ul	92
8) 1-Methylnaphthalene	12.629	142	19741	0.380	ng/ul	99
10) Acenaphthylene	14.297	152	10885	0.157	ng/ul#	88
11) Acenaphthene	14.640	153	3251	0.054	ng/ul	93
12) Fluorene	15.621	166	4099	0.060	ng/ul#	69
15) Phenanthrene	17.355	178	113919	1.050	ng/ul#	94
16) Anthracene	17.448	178	16435	0.181	ng/ul#	68
19) Fluoranthene	19.368	202	197545	2.508	ng/ul	99
20) Pyrene	19.731	202	185521	2.258	ng/ul	99
21) Benzo(a)anthracene	21.471	228	66506	0.929	ng/ul#	85
22) Chrysene	21.523	228	84437	1.099	ng/ul#	86
24) Benzo(b)fluoranthene	23.154	252	92211	1.128	ng/ul#	53
26) Benzo(a)pyrene	23.780	252	54578	0.823	ng/ul#	56
27) Indeno(1,2,3-cd)pyrene	26.370	276	43456	0.463	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.383	278	10452	0.138	ng/ul#	4
29) Benzo(g,h,i)perylene	27.138	276	42465	0.513	ng/ul#	90

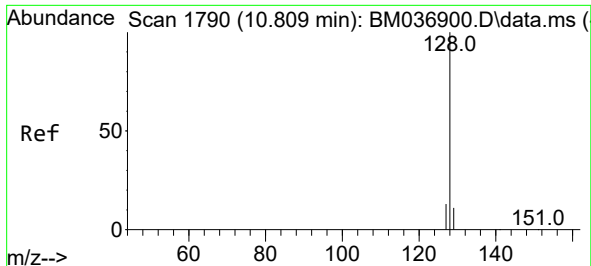
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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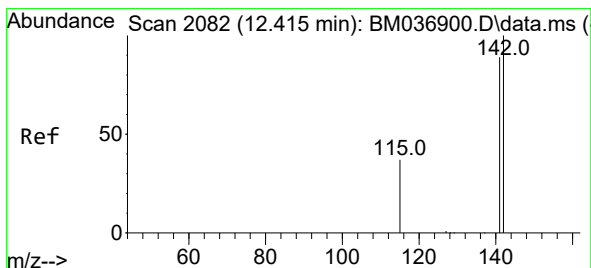
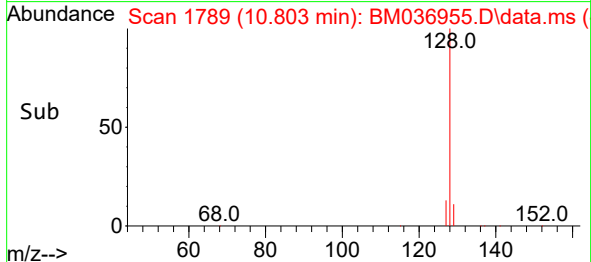
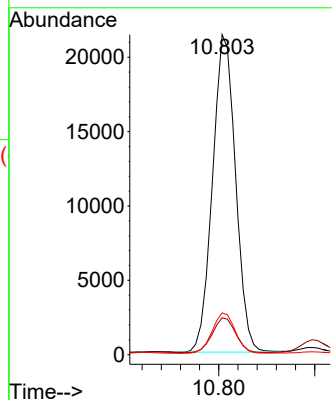
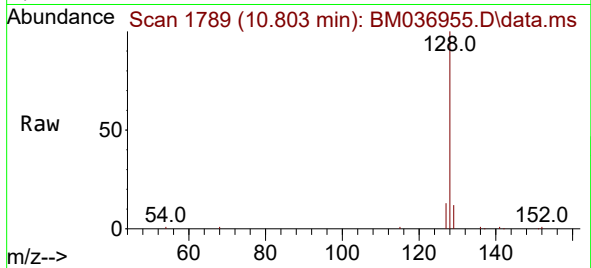




#5
Naphthalene
Concen: 0.426 ng/ul
RT: 10.803 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036955.D
Acq: 11 Oct 2022 21:17

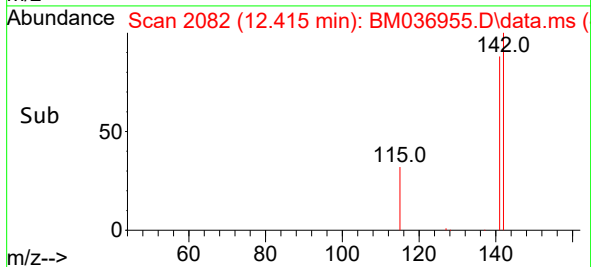
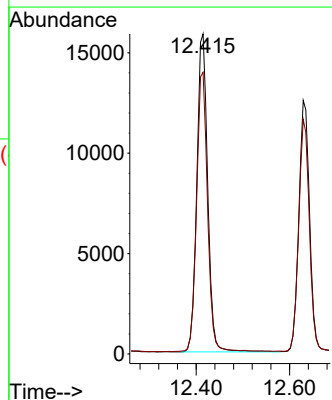
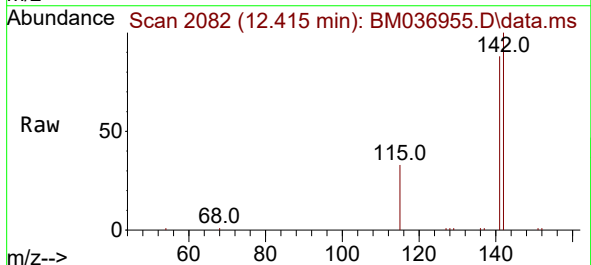
Instrument :
BNA_M
ClientSampleId :
C0BF8

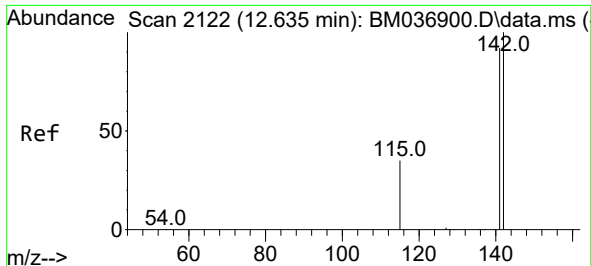
Tgt Ion:128 Resp: 35596
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.1 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.501 ng/ul
RT: 12.415 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM036955.D
Acq: 11 Oct 2022 21:17

Tgt Ion:142 Resp: 25634
Ion Ratio Lower Upper
142 100
141 88.5 77.4 116.0

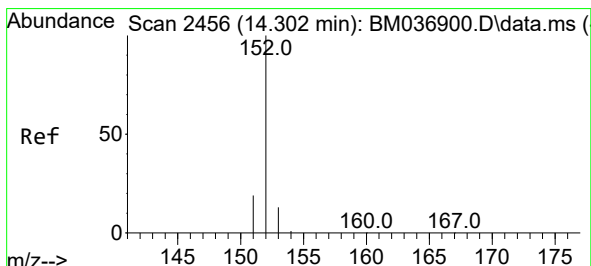
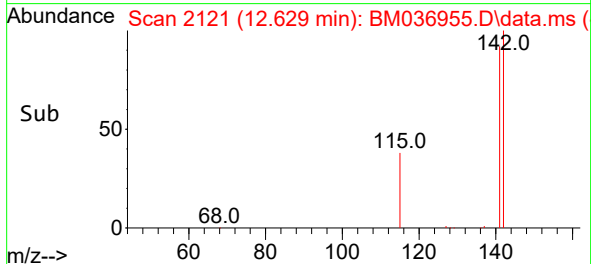
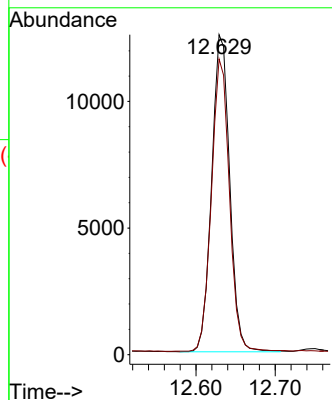
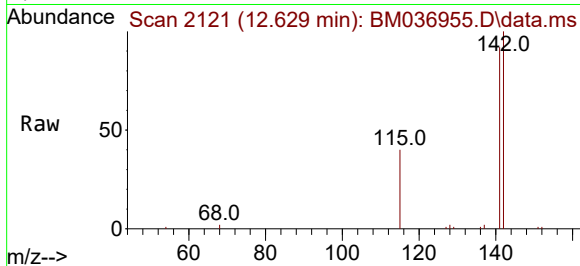




#8
1-Methylnaphthalene
Concen: 0.380 ng/ul
RT: 12.629 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM036955.D
Acq: 11 Oct 2022 21:17

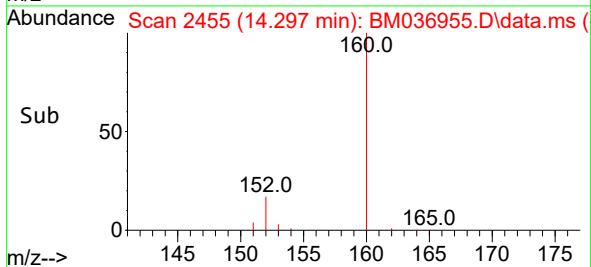
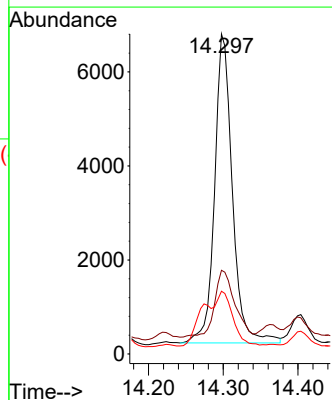
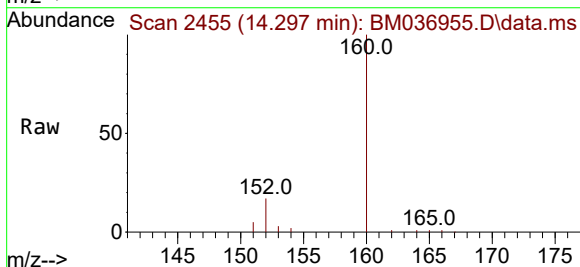
Instrument :
BNA_M
ClientSampleId :
C0BF8

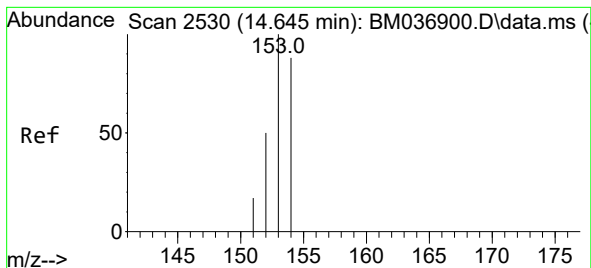
Tgt Ion:142 Resp: 19741
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1



#10
Acenaphthylene
Concen: 0.157 ng/ul
RT: 14.297 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM036955.D
Acq: 11 Oct 2022 21:17

Tgt Ion:152 Resp: 10885
Ion Ratio Lower Upper
152 100
151 26.1 16.6 24.8#
153 19.6 11.4 17.0#





#11

Acenaphthene

Concen: 0.054 ng/ul

RT: 14.640 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036955.D

Acq: 11 Oct 2022 21:17

Instrument :

BNA_M

ClientSampleId :

C0BF8

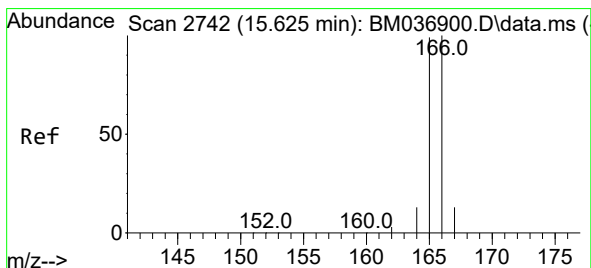
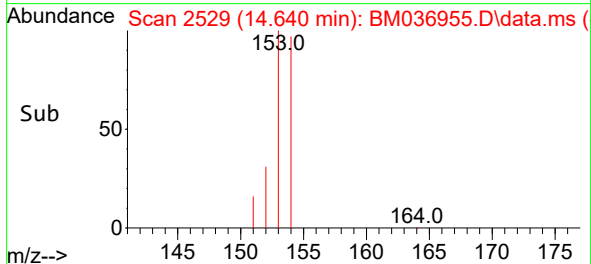
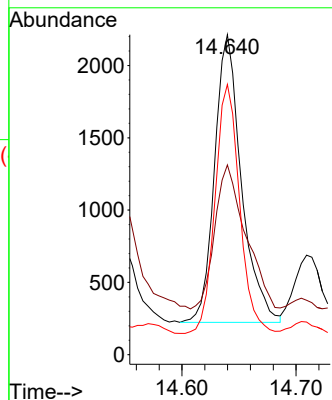
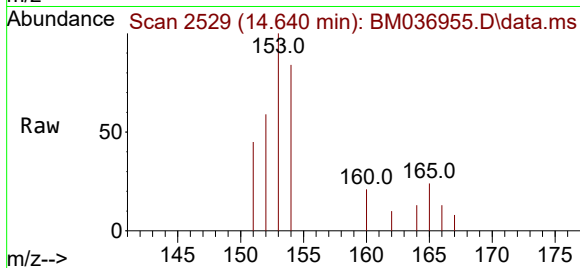
Tgt Ion:153 Resp: 3251

Ion Ratio Lower Upper

153 100

152 59.3 40.2 60.4

154 84.5 69.7 104.5



#12

Fluorene

Concen: 0.060 ng/ul

RT: 15.621 min Scan# 2741

Delta R.T. 0.000 min

Lab File: BM036955.D

Acq: 11 Oct 2022 21:17

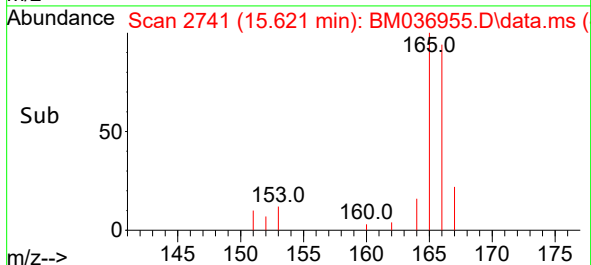
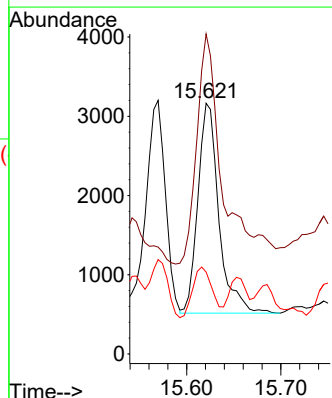
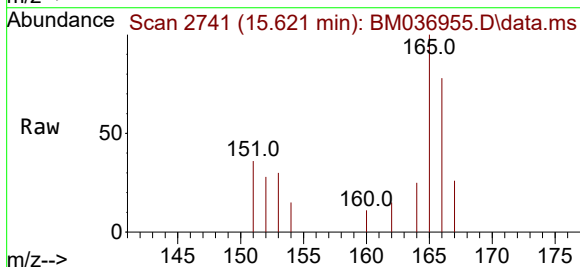
Tgt Ion:166 Resp: 4099

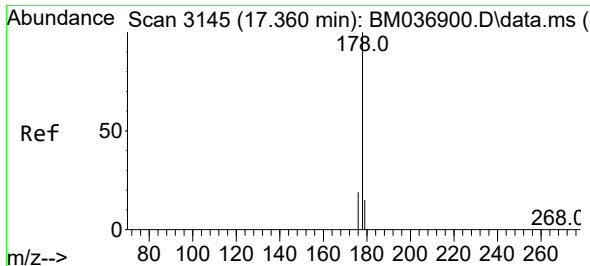
Ion Ratio Lower Upper

166 100

165 127.6 78.9 118.3#

167 32.7 11.3 16.9#

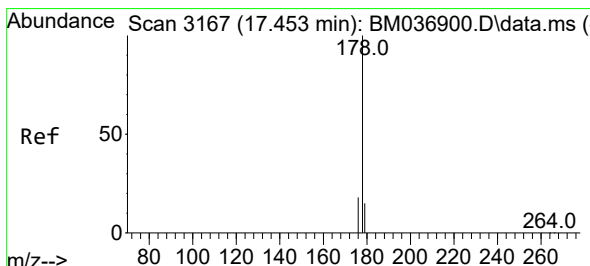
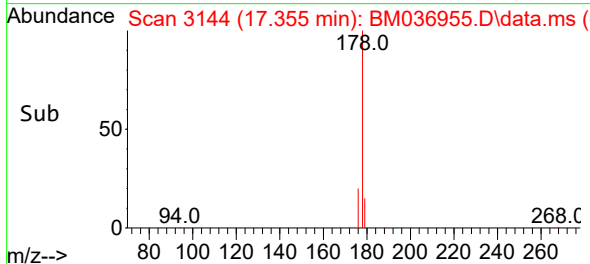
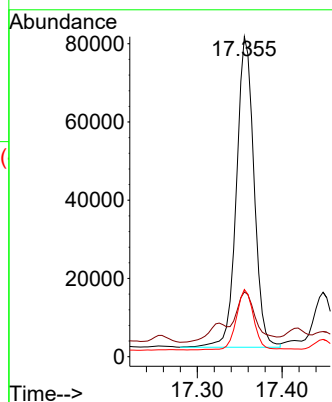
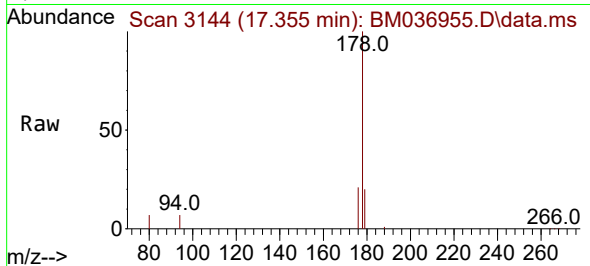




#15
Phenanthrene
Concen: 1.050 ng/ul
RT: 17.355 min Scan# 3144
Delta R.T. 0.000 min
Lab File: BM036955.D
Acq: 11 Oct 2022 21:17

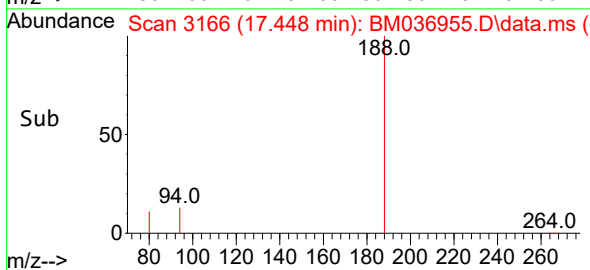
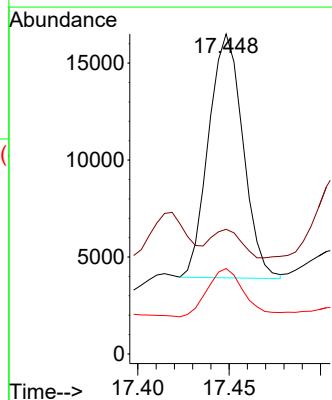
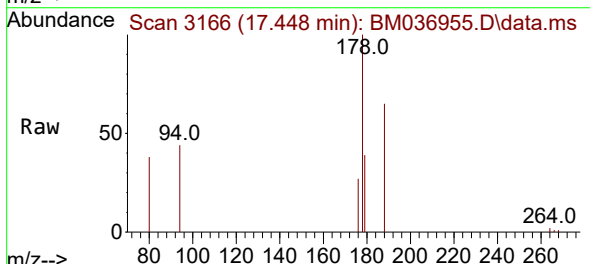
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ClientSampleId :
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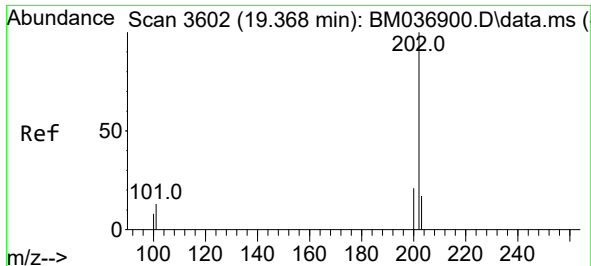
Tgt Ion:178 Resp: 113919
Ion Ratio Lower Upper
178 100
179 20.3 13.0 19.6#
176 21.0 15.6 23.4



#16
Anthracene
Concen: 0.181 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM036955.D
Acq: 11 Oct 2022 21:17

Tgt Ion:178 Resp: 16435
Ion Ratio Lower Upper
178 100
179 38.9 13.6 20.4#
176 26.7 15.6 23.4#

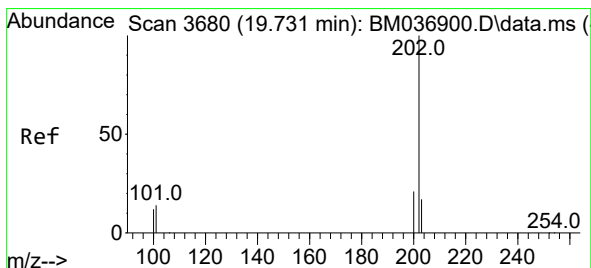
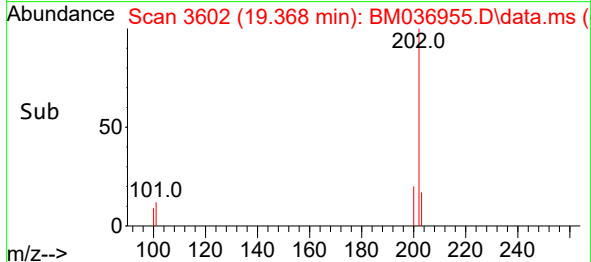
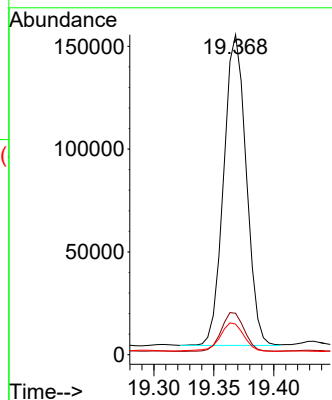
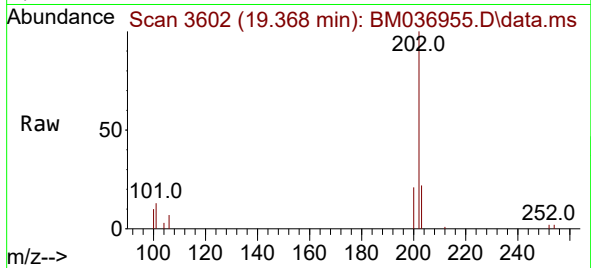




#19
Fluoranthene
Concen: 2.508 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. 0.005 min
Lab File: BM036955.D
Acq: 11 Oct 2022 21:17

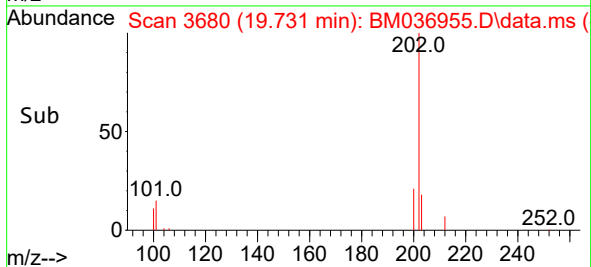
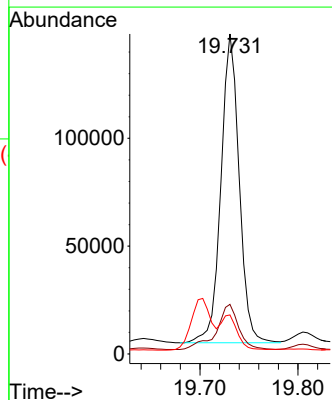
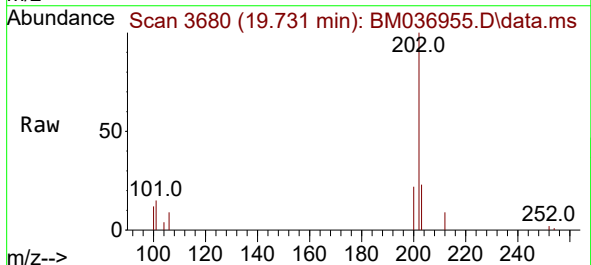
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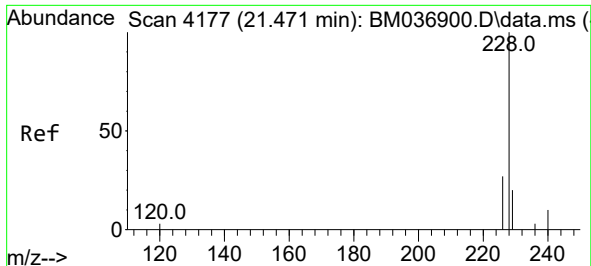
Tgt Ion:202 Resp: 197545
Ion Ratio Lower Upper
202 100
101 13.0 10.1 15.1
100 9.6 7.9 11.9



#20
Pyrene
Concen: 2.258 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. 0.005 min
Lab File: BM036955.D
Acq: 11 Oct 2022 21:17

Tgt Ion:202 Resp: 185521
Ion Ratio Lower Upper
202 100
101 15.5 12.0 18.0
100 12.2 9.8 14.6

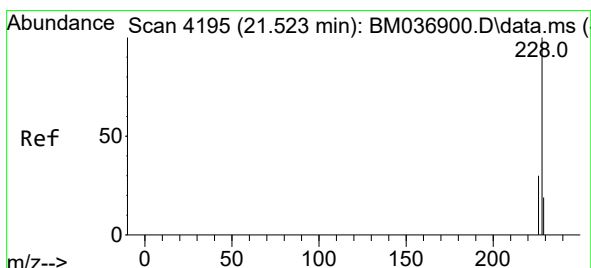
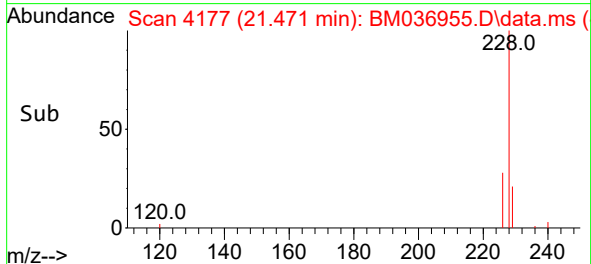
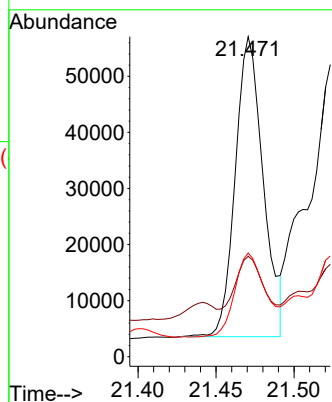
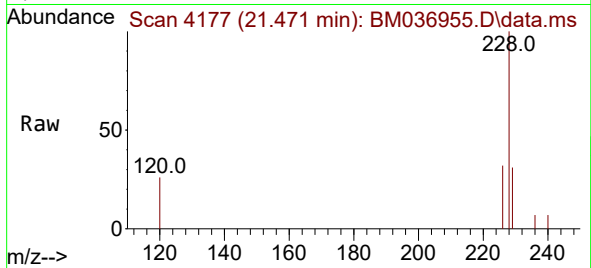




#21
Benzo(a)anthracene
Concen: 0.929 ng/ul
RT: 21.471 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM036955.D
Acq: 11 Oct 2022 21:17

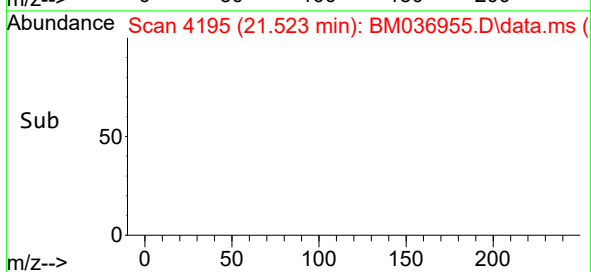
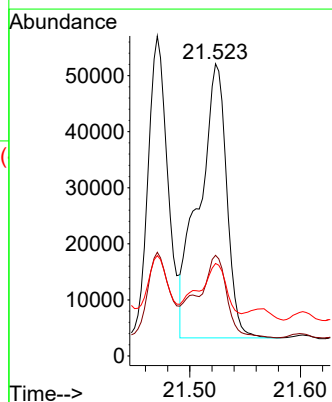
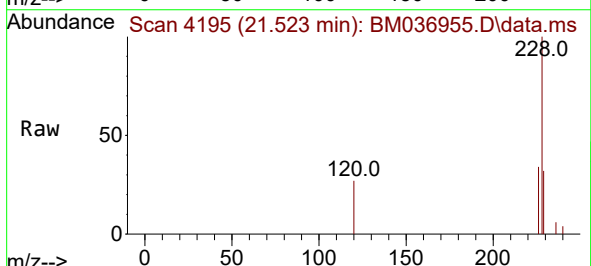
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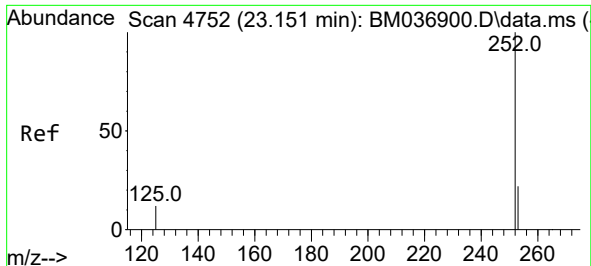
Tgt Ion:228 Resp: 66506
Ion Ratio Lower Upper
228 100
229 31.4 16.2 24.2#
226 32.4 22.5 33.7



#22
Chrysene
Concen: 1.099 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. 0.003 min
Lab File: BM036955.D
Acq: 11 Oct 2022 21:17

Tgt Ion:228 Resp: 84437
Ion Ratio Lower Upper
228 100
226 34.4 24.6 37.0
229 31.6 16.4 24.6#

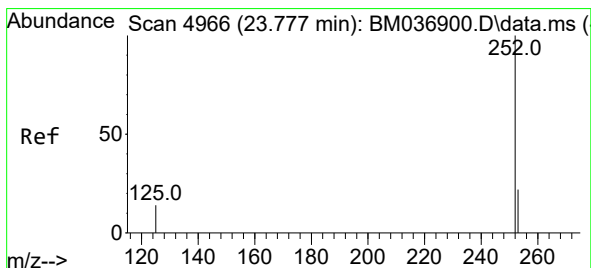
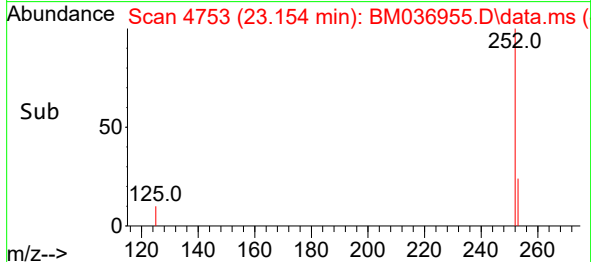
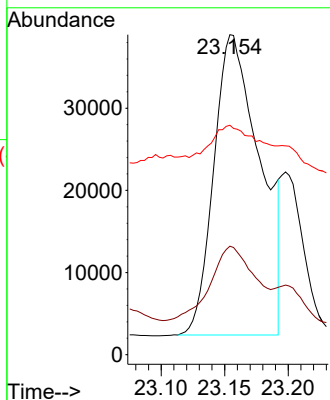
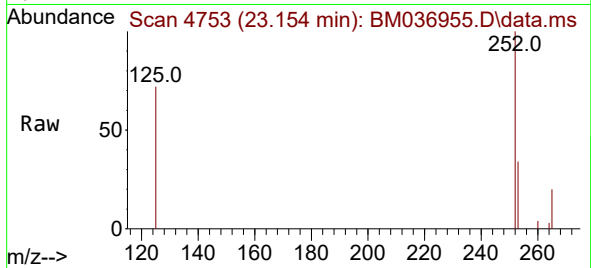




#24
Benzo(b)fluoranthene
Concen: 1.128 ng/ul
RT: 23.154 min Scan# 4753
Delta R.T. 0.009 min
Lab File: BM036955.D
Acq: 11 Oct 2022 21:17

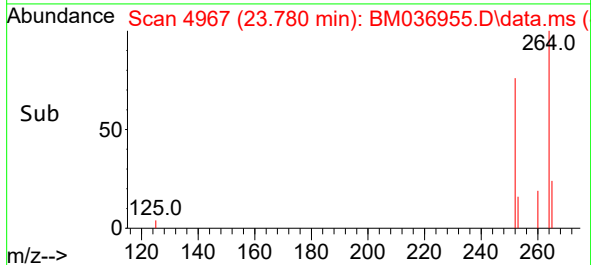
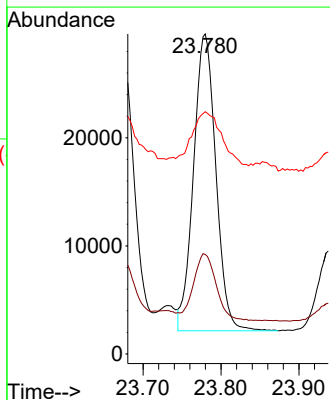
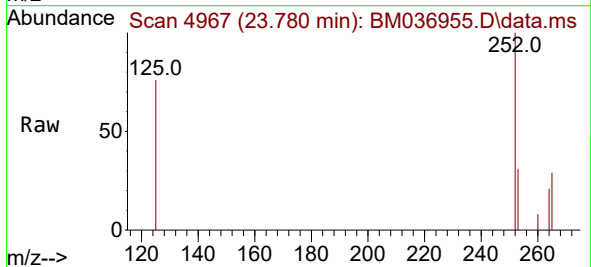
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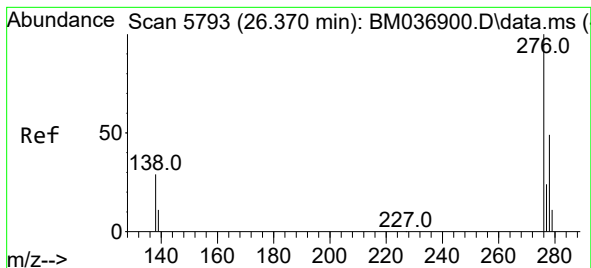
Tgt Ion:252 Resp: 92211
Ion Ratio Lower Upper
252 100
253 33.9 0.0 61.4
125 71.7 0.0 42.6#



#26
Benzo(a)pyrene
Concen: 0.823 ng/ul
RT: 23.780 min Scan# 4967
Delta R.T. 0.009 min
Lab File: BM036955.D
Acq: 11 Oct 2022 21:17

Tgt Ion:252 Resp: 54578
Ion Ratio Lower Upper
252 100
253 31.1 29.7 44.5
125 75.7 23.6 35.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.463 ng/ul

RT: 26.370 min Scan# 5

Delta R.T. 0.007 min

Lab File: BM036955.D

Acq: 11 Oct 2022 21:17

Instrument :

BNA_M

ClientSampleId :

C0BF8

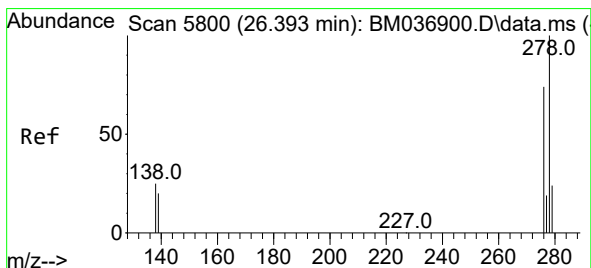
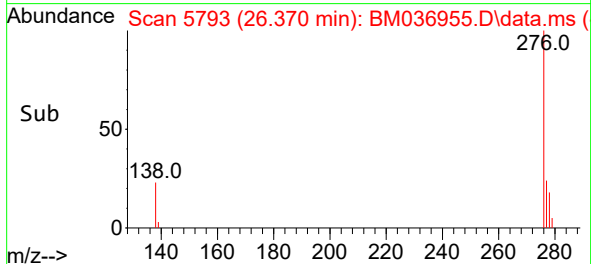
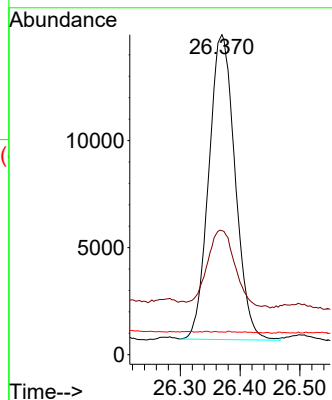
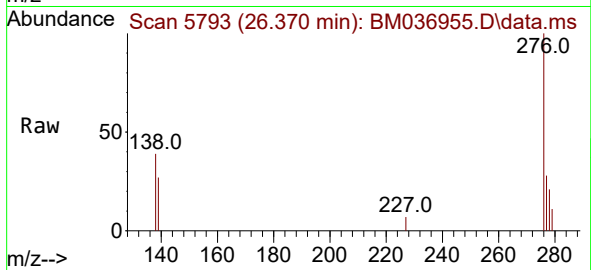
Tgt Ion:276 Resp: 43456

Ion Ratio Lower Upper

276 100

138 27.5 23.9 35.9

227 0.1 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.138 ng/ul

RT: 26.383 min Scan# 5797

Delta R.T. 0.003 min

Lab File: BM036955.D

Acq: 11 Oct 2022 21:17

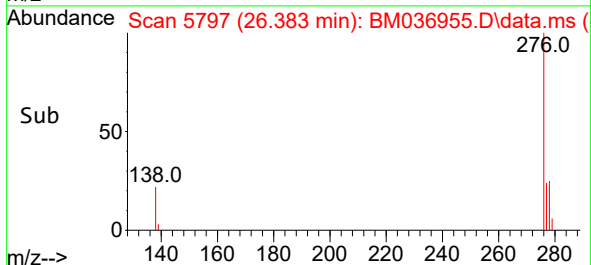
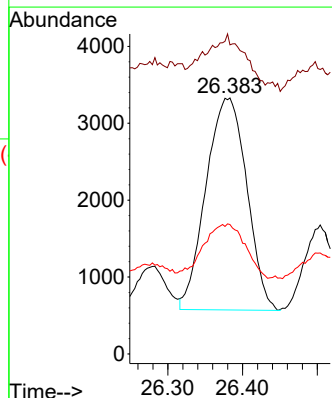
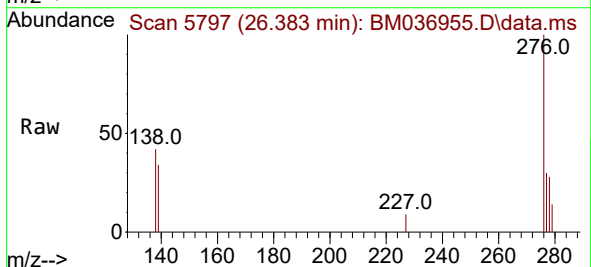
Tgt Ion:278 Resp: 10452

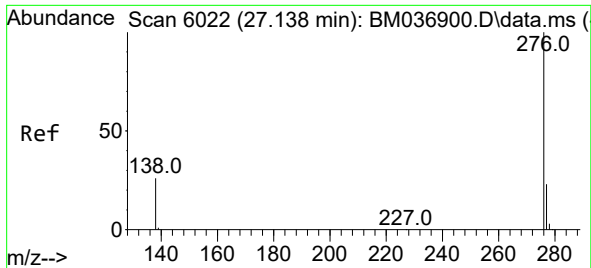
Ion Ratio Lower Upper

278 100

139 120.8 19.8 29.6#

279 50.6 27.7 41.5#





#29
Benzo(g,h,i)perylene
Concen: 0.513 ng/ul
RT: 27.138 min Scan# 6022
Delta R.T. 0.010 min
Lab File: BM036955.D
Acq: 11 Oct 2022 21:17

Instrument :
BNA_M
ClientSampleId :
C0BF8

Tgt Ion:276 Resp: 42465
Ion Ratio Lower Upper
276 100
138 37.9 23.4 35.0#
277 27.7 21.0 31.4

