

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036957.D
 Acq On : 11 Oct 2022 22:29
 Operator : CG/JU
 Sample : N5024-09
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BP1

Quant Time: Oct 12 01:28:31 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)

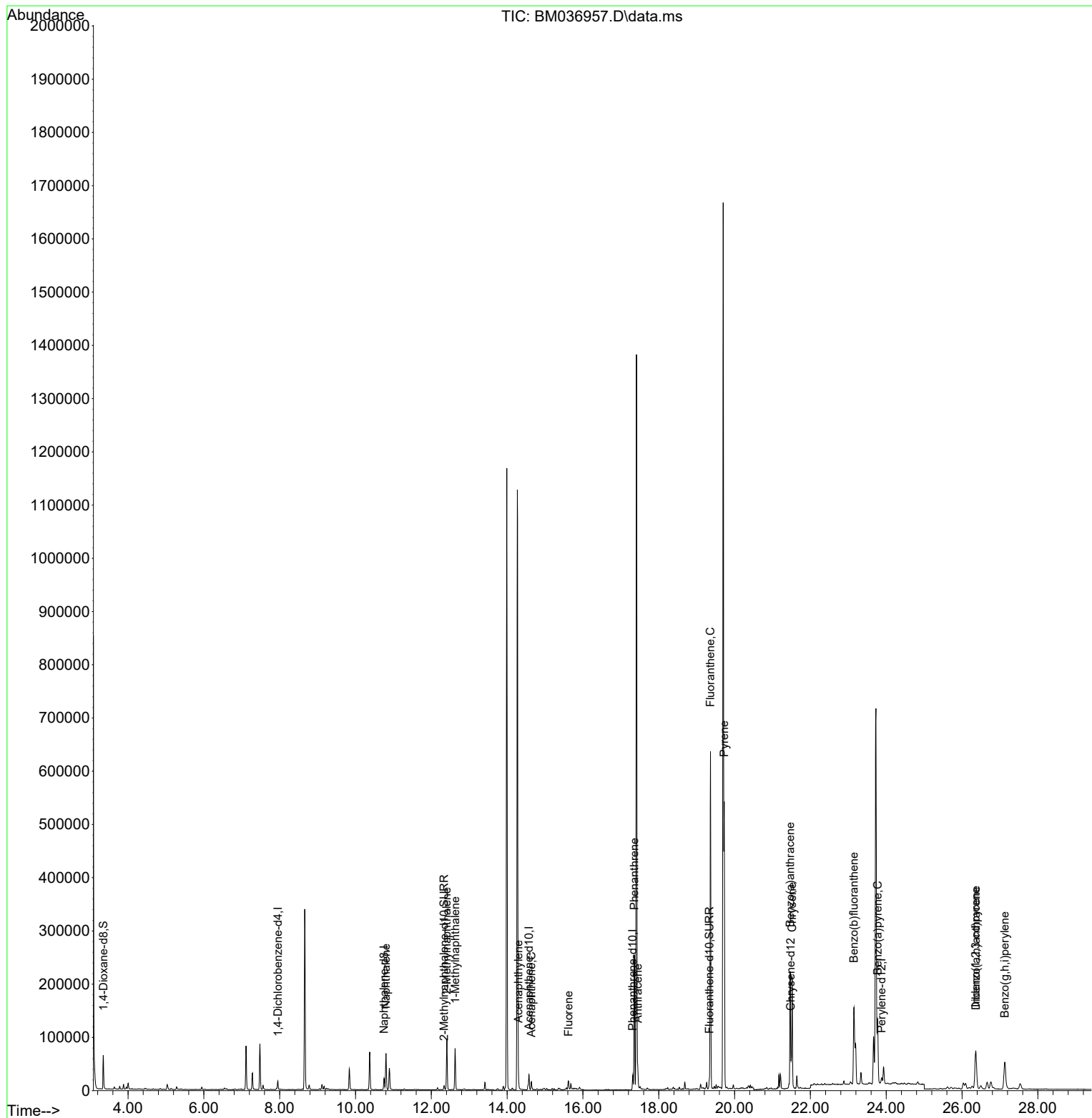
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	7995	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	28485	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.575	164	15829	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	31197	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	19259	0.400	ng/ul	0.00
23) Perylene-d12	23.879	264	15706	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	39267	3.483	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	10056	0.234	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	19259	0.334	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	90530	1.112	ng/ul	96
7) 2-Methylnaphthalene	12.409	142	66164	1.328	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	52292	1.034	ng/ul	99
10) Acenaphthylene	14.297	152	17796	0.270	ng/ul#	94
11) Acenaphthene	14.640	153	9194	0.161	ng/ul	100
12) Fluorene	15.620	166	8690	0.134	ng/ul#	95
15) Phenanthrene	17.355	178	261053	2.621	ng/ul	99
16) Anthracene	17.448	178	33377	0.401	ng/ul	99
19) Fluoranthene	19.363	202	501283	6.544	ng/ul	98
20) Pyrene	19.726	202	419004	5.245	ng/ul	98
21) Benzo(a)anthracene	21.468	228	187192	2.690	ng/ul	99
22) Chrysene	21.517	228	203274	2.721	ng/ul	99
24) Benzo(b)fluoranthene	23.148	252	258436	3.683	ng/ul	87
26) Benzo(a)pyrene	23.774	252	165972	2.915	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.360	276	122950	1.525	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.370	278	28702	0.440	ng/ul	93
29) Benzo(g,h,i)perylene	27.128	276	114962	1.618	ng/ul	96

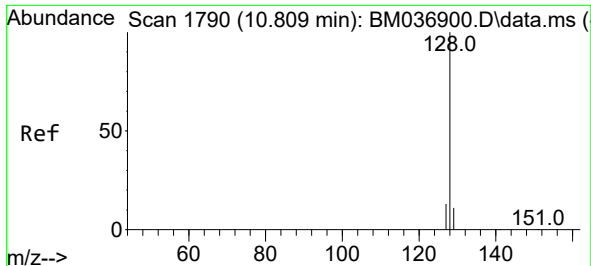
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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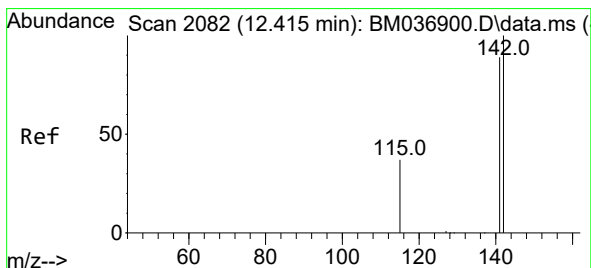
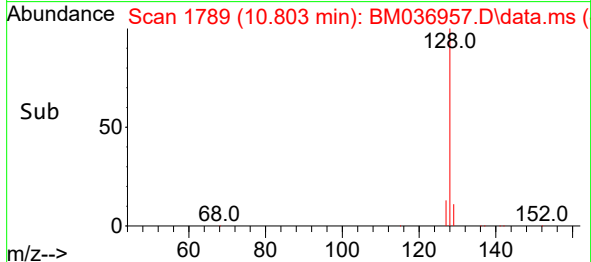
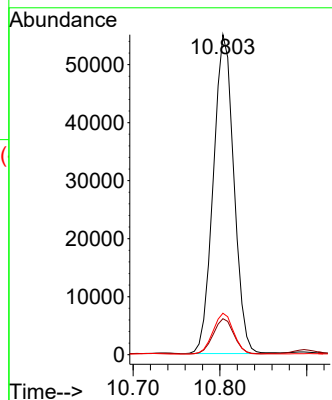
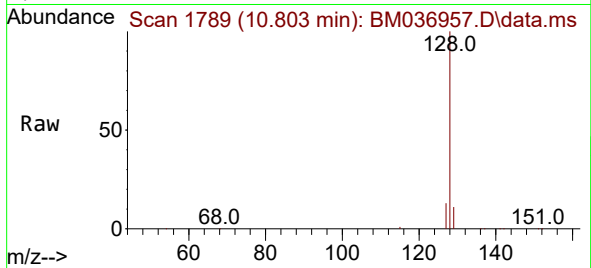




#5
Naphthalene
Concen: 1.112 ng/ul
RT: 10.803 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

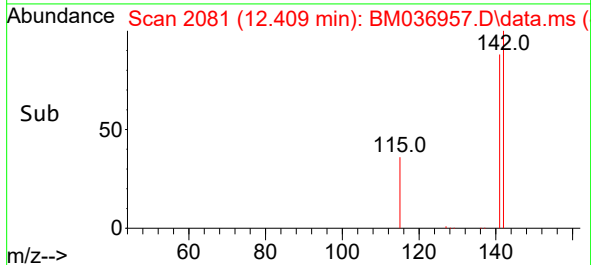
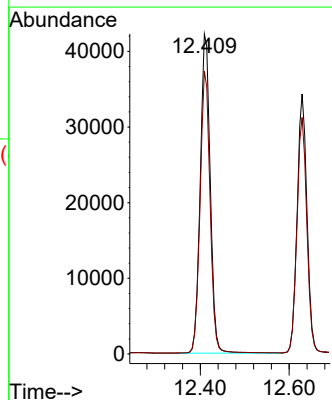
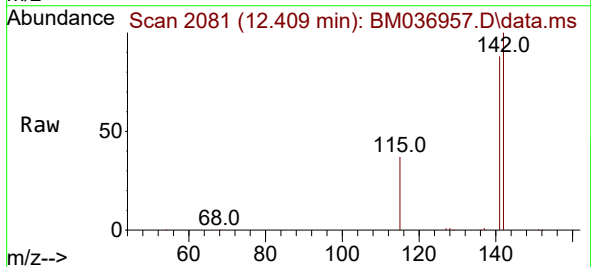
Instrument :
BNA_M
ClientSampleId :
C0BP1

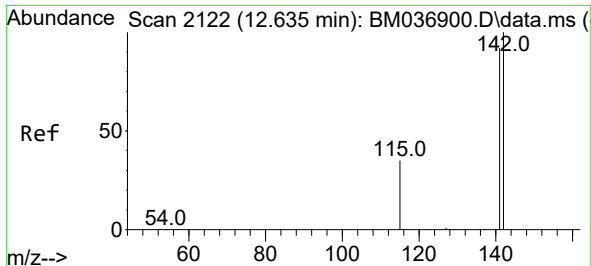
Tgt Ion:128 Resp: 90530
Ion Ratio Lower Upper
128 100
129 11.3 10.2 15.2
127 12.9 11.7 17.5



#7
2-Methylnaphthalene
Concen: 1.328 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

Tgt Ion:142 Resp: 66164
Ion Ratio Lower Upper
142 100
141 88.2 77.4 116.0

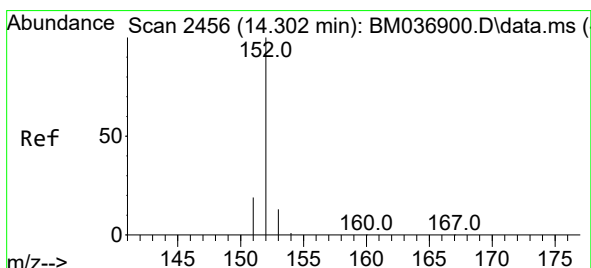
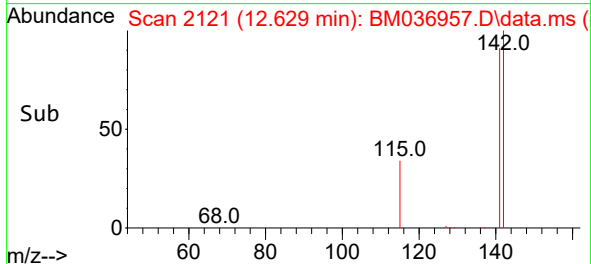
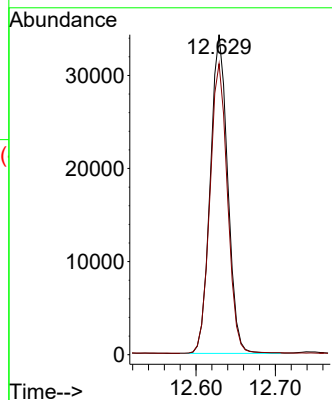
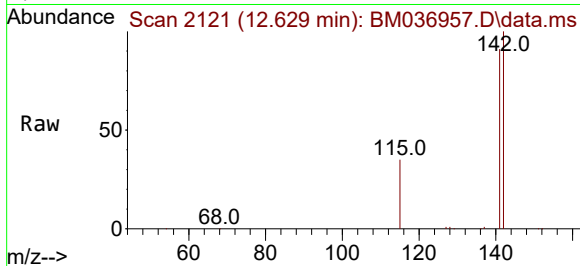




#8
1-Methylnaphthalene
Concen: 1.034 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

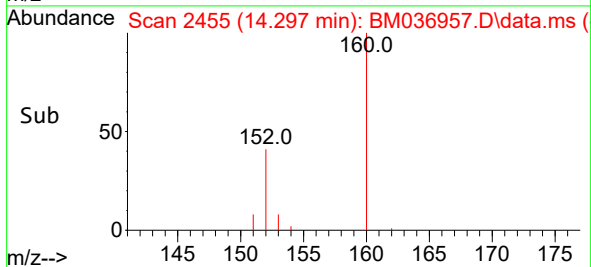
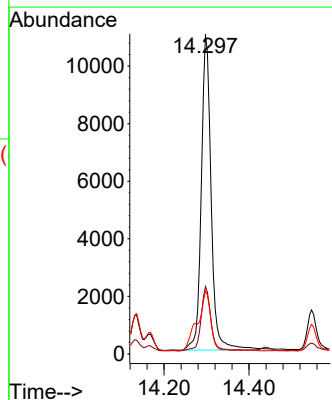
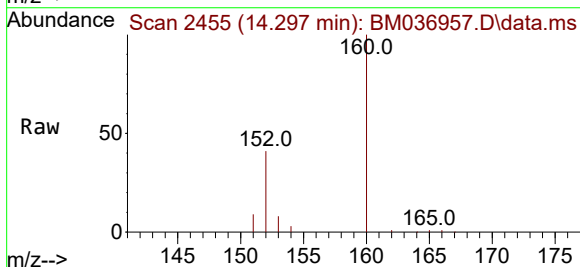
Instrument :
BNA_M
ClientSampleId :
C0BP1

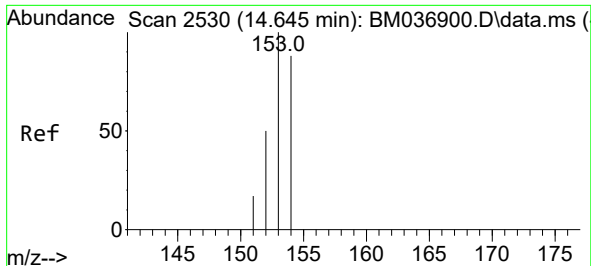
Tgt Ion:142 Resp: 52292
Ion Ratio Lower Upper
142 100
141 91.3 74.1 111.1



#10
Acenaphthylene
Concen: 0.270 ng/ul
RT: 14.297 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

Tgt Ion:152 Resp: 17796
Ion Ratio Lower Upper
152 100
151 21.1 16.6 24.8
153 19.7 11.4 17.0#

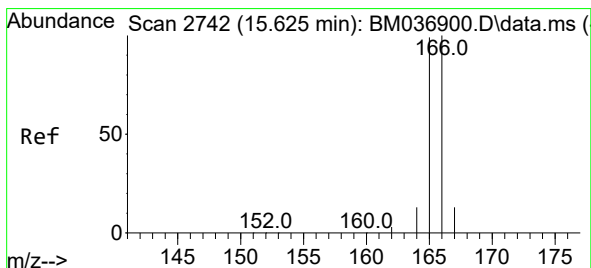
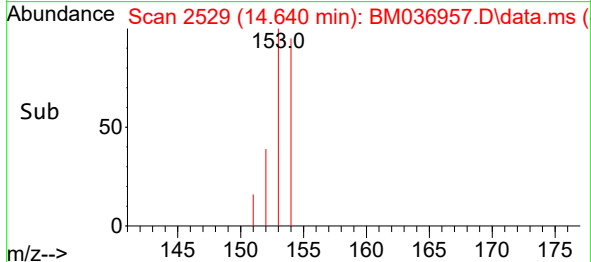
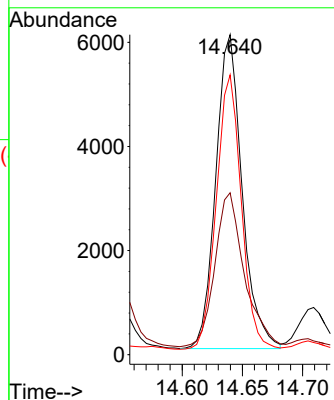
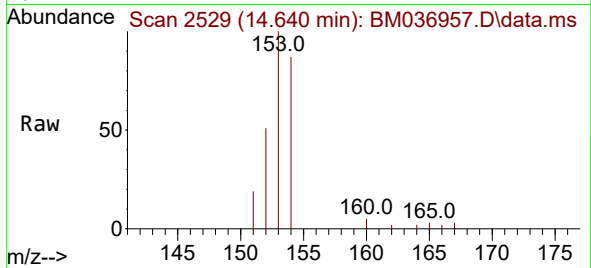




#11
Acenaphthene
Concen: 0.161 ng/ul
RT: 14.640 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

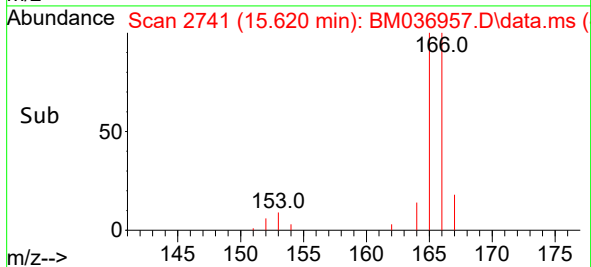
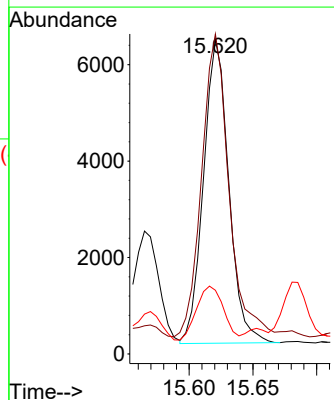
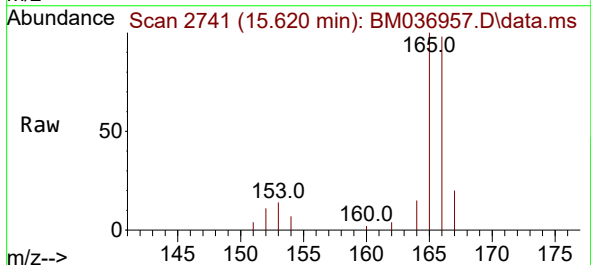
Instrument :
BNA_M
ClientSampleId :
C0BP1

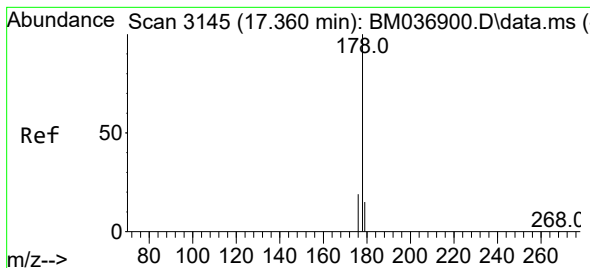
Tgt Ion:153 Resp: 9194
Ion Ratio Lower Upper
153 100
152 50.6 40.2 60.4
154 87.5 69.7 104.5



#12
Fluorene
Concen: 0.134 ng/ul
RT: 15.620 min Scan# 2741
Delta R.T. 0.000 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

Tgt Ion:166 Resp: 8690
Ion Ratio Lower Upper
166 100
165 101.9 78.9 118.3
167 20.3 11.3 16.9#





#15

Phenanthrene

Concen: 2.621 ng/ul

RT: 17.355 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BM036957.D

Acq: 11 Oct 2022 22:29

Instrument :

BNA_M

ClientSampleId :

C0BP1

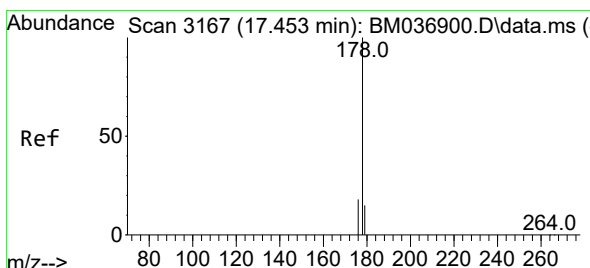
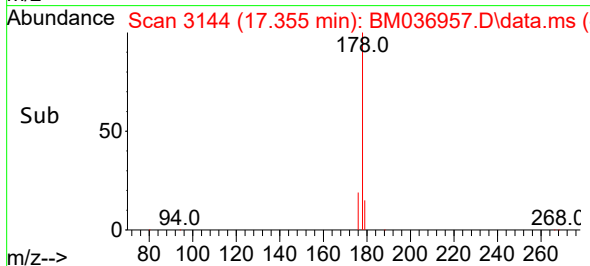
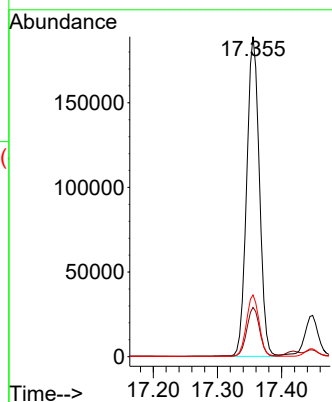
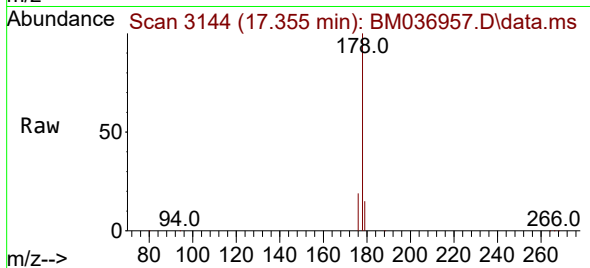
Tgt Ion:178 Resp: 261053

Ion Ratio Lower Upper

178 100

179 15.4 13.0 19.6

176 19.3 15.6 23.4



#16

Anthracene

Concen: 0.401 ng/ul

RT: 17.448 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BM036957.D

Acq: 11 Oct 2022 22:29

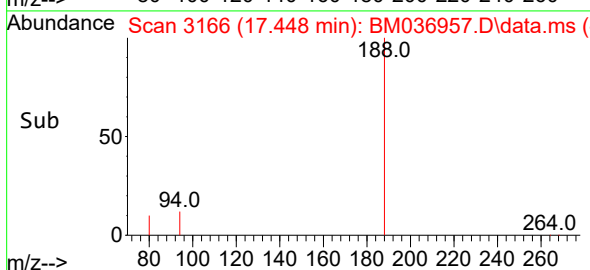
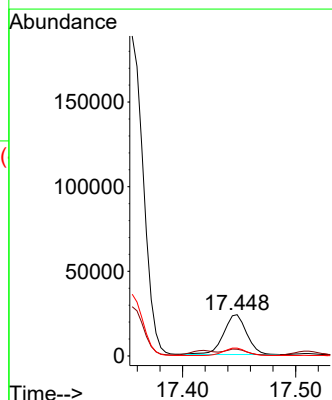
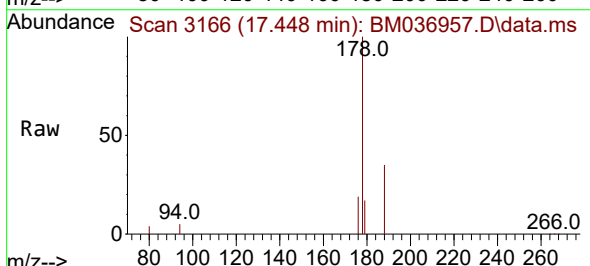
Tgt Ion:178 Resp: 33377

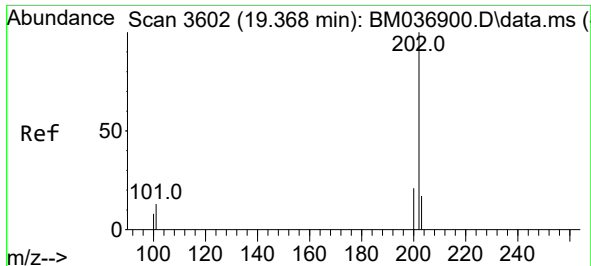
Ion Ratio Lower Upper

178 100

179 16.5 13.6 20.4

176 19.2 15.6 23.4

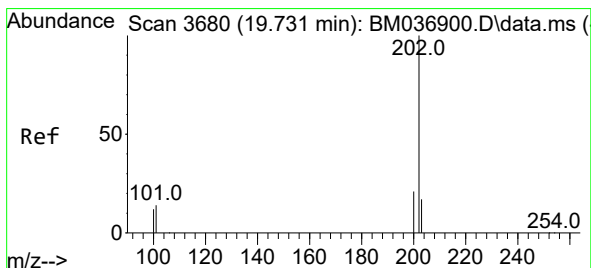
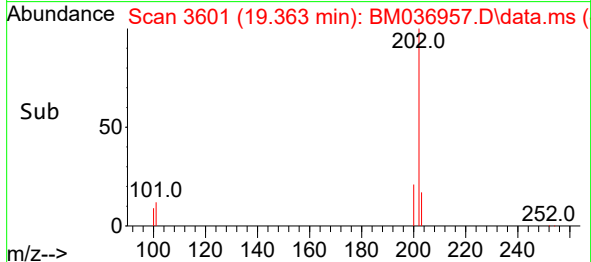
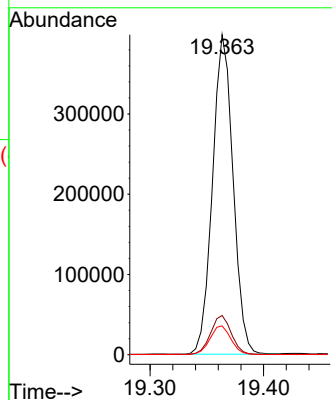
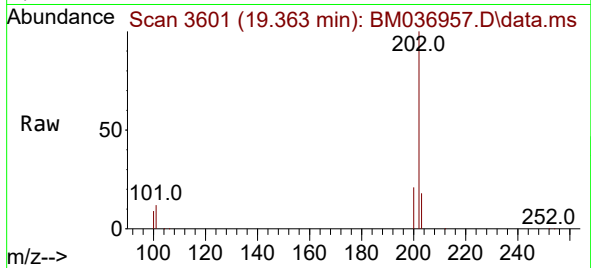




#19
Fluoranthene
Concen: 6.544 ng/ul
RT: 19.363 min Scan# 3601
Delta R.T. 0.000 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

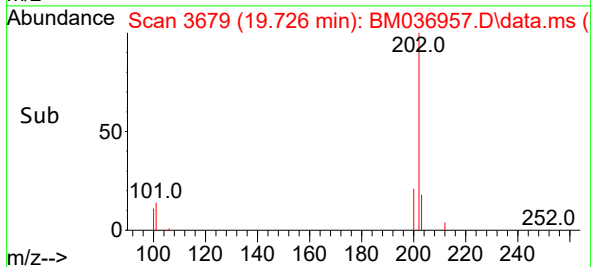
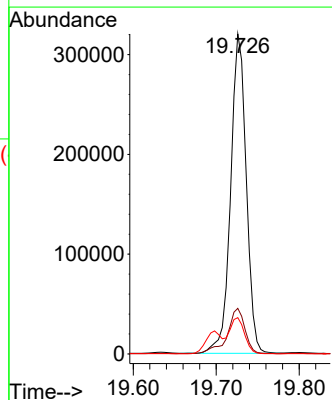
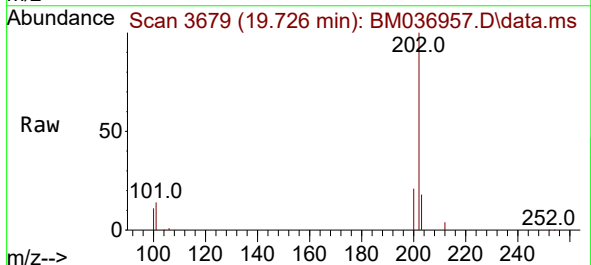
Instrument :
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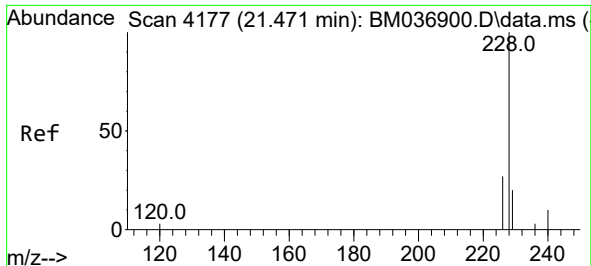
Tgt Ion:202 Resp: 501283
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 9.0 7.9 11.9



#20
Pyrene
Concen: 5.245 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. 0.000 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

Tgt Ion:202 Resp: 419004
Ion Ratio Lower Upper
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101 14.3 12.0 18.0
100 11.4 9.8 14.6

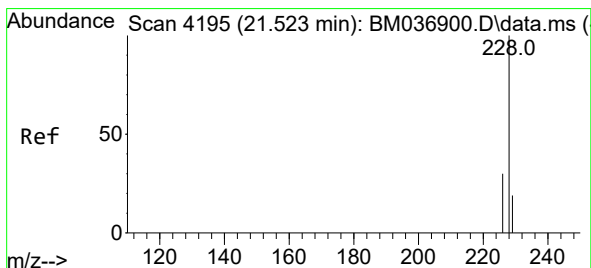
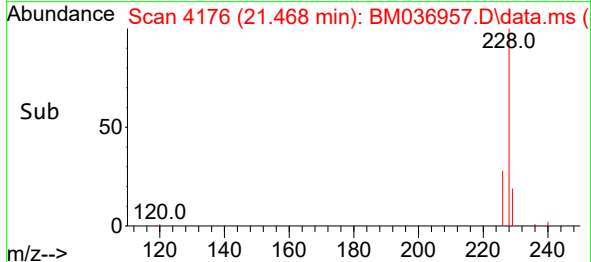
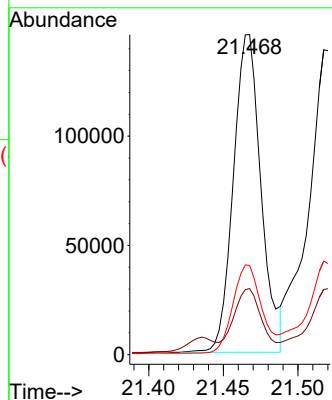
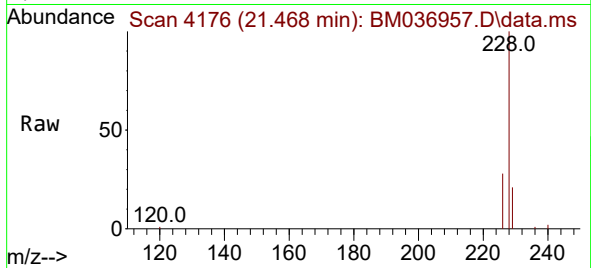




#21
Benzo(a)anthracene
Concen: 2.690 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

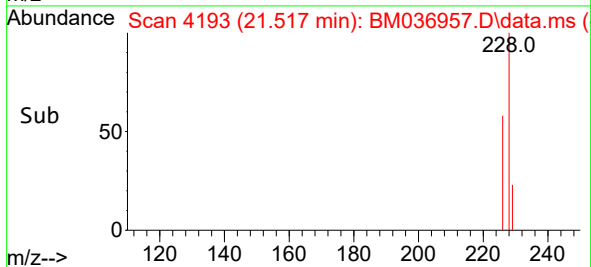
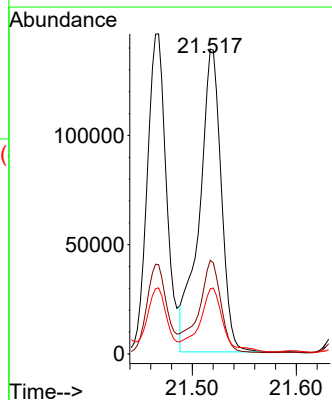
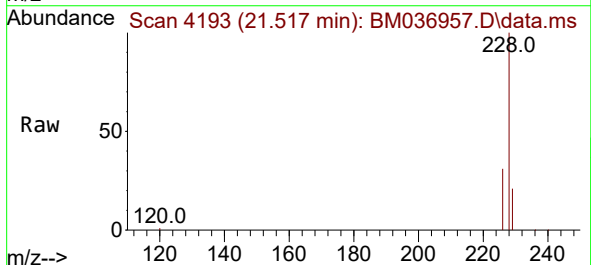
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ClientSampleId :
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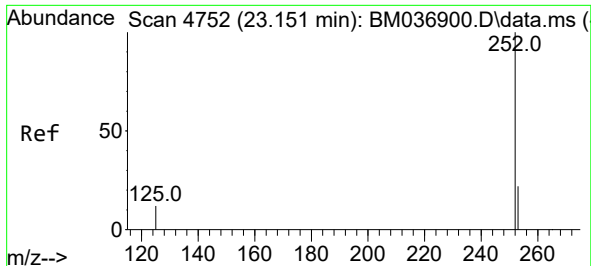
Tgt Ion:228 Resp: 187192
Ion Ratio Lower Upper
228 100
229 20.7 16.2 24.2
226 27.9 22.5 33.7



#22
Chrysene
Concen: 2.721 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.003 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

Tgt Ion:228 Resp: 203274
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 21.4 16.4 24.6

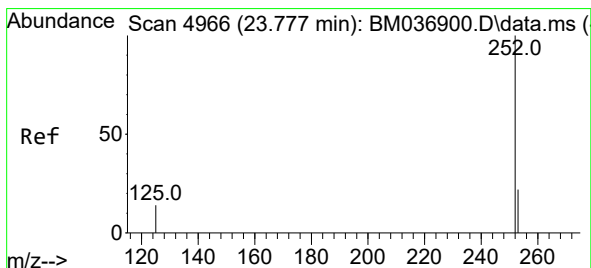
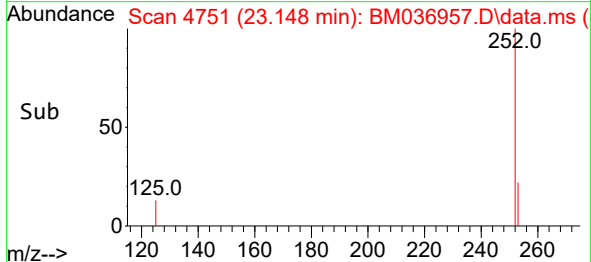
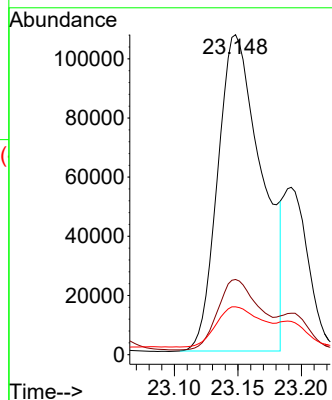
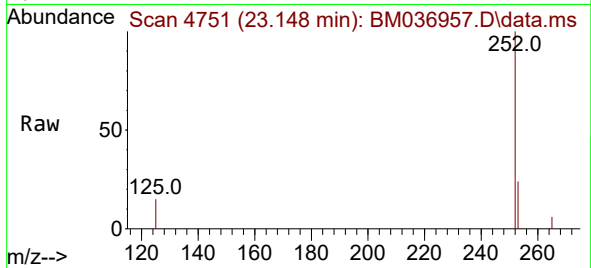




#24
Benzo(b)fluoranthene
Concen: 3.683 ng/ul
RT: 23.148 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

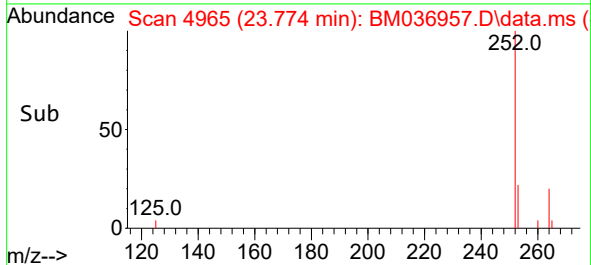
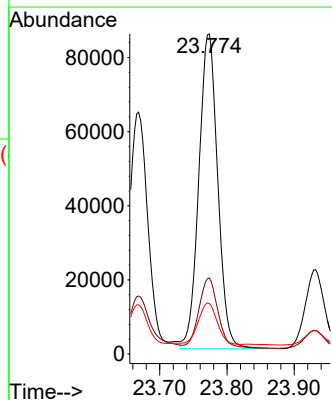
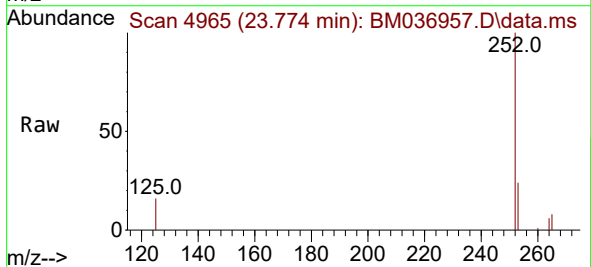
Instrument :
BNA_M
ClientSampleId :
C0BP1

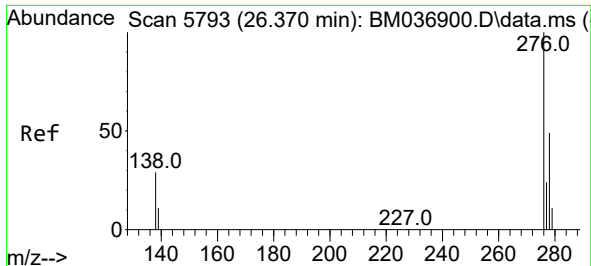
Tgt Ion:252 Resp: 258436
Ion Ratio Lower Upper
252 100
253 23.5 0.0 61.4
125 15.0 0.0 42.6



#26
Benzo(a)pyrene
Concen: 2.915 ng/ul
RT: 23.774 min Scan# 4965
Delta R.T. 0.003 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

Tgt Ion:252 Resp: 165972
Ion Ratio Lower Upper
252 100
253 23.7 29.7 44.5#
125 15.8 23.6 35.4#

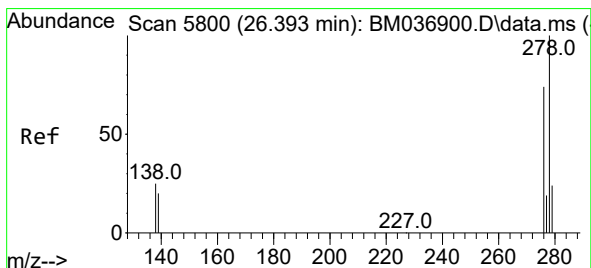
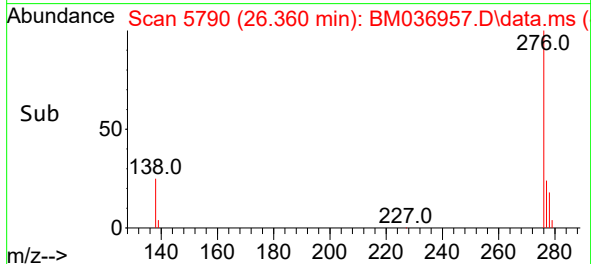
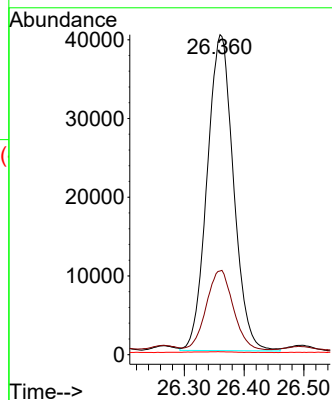
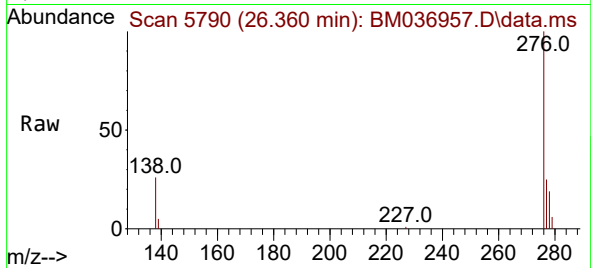




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.525 ng/ul
RT: 26.360 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

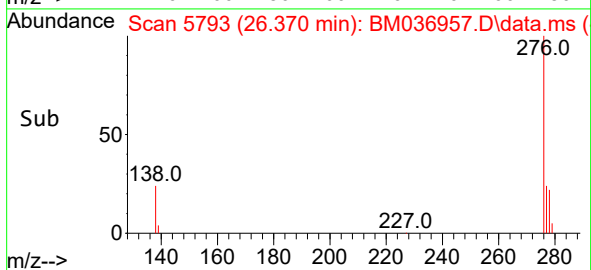
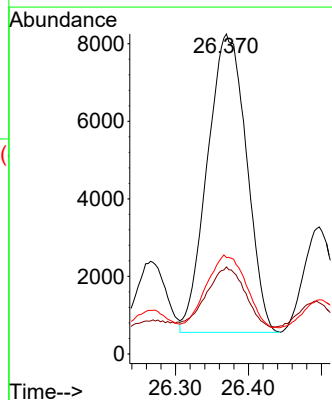
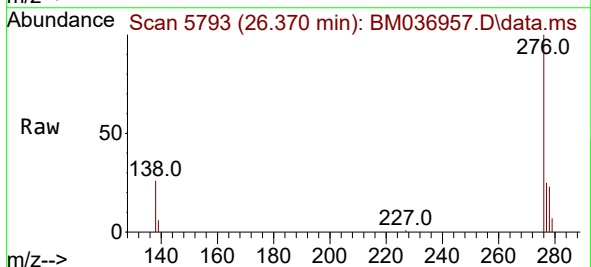
Instrument :
BNA_M
ClientSampleId :
C0BP1

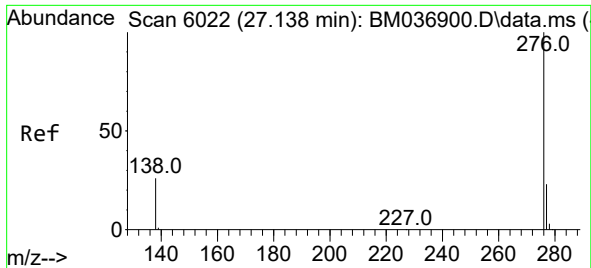
Tgt Ion:276 Resp: 122950
Ion Ratio Lower Upper
276 100
138 25.4 23.9 35.9
227 0.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.440 ng/ul
RT: 26.370 min Scan# 5793
Delta R.T. -0.010 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

Tgt Ion:278 Resp: 28702
Ion Ratio Lower Upper
278 100
139 27.2 19.8 29.6
279 30.2 27.7 41.5





#29
Benzo(g,h,i)perylene
Concen: 1.618 ng/ul
RT: 27.128 min Scan# 6019
Delta R.T. 0.000 min
Lab File: BM036957.D
Acq: 11 Oct 2022 22:29

Instrument :
BNA_M
ClientSampleId :
C0BP1

Tgt Ion:276 Resp: 114962
Ion Ratio Lower Upper
276 100
138 27.1 23.4 35.0
277 24.2 21.0 31.4

