

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036979.D
 Acq On : 12 Oct 2022 12:12
 Operator : CG/JU
 Sample : N5024-05DL 5X
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF4DL

Quant Time: Oct 12 23:09:38 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)

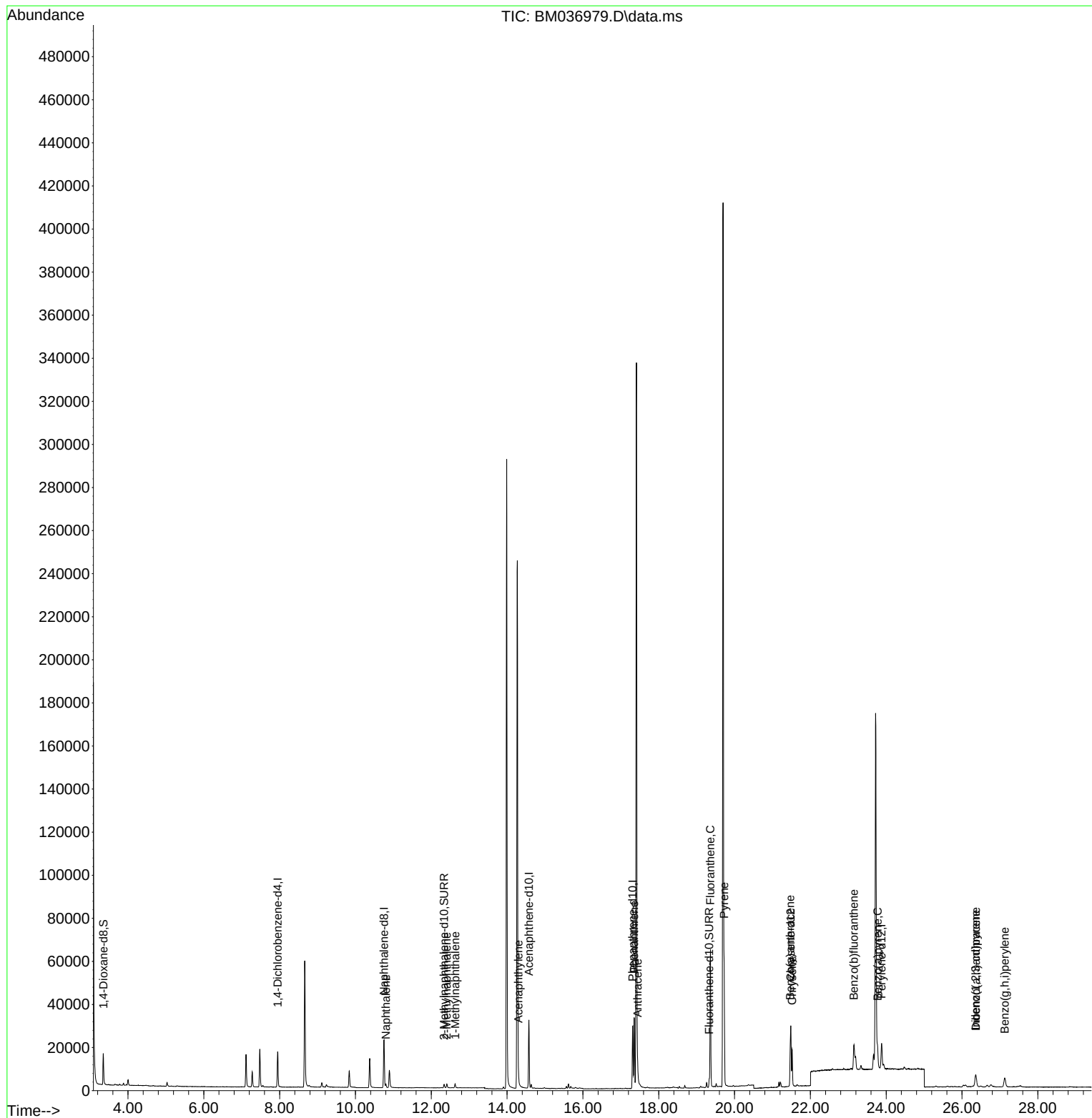
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	8487	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	30972	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.575	164	17314	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	34897	0.400	ng/ul	0.00
17) Chrysene-d12	21.482	240	21533	0.400	ng/ul	0.00
23) Perylene-d12	23.876	264	16459	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	9517	0.795	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.338	152	2262	0.048	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	4321	0.067	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.804	128	2264	0.026	ng/ul#	90
7) 2-Methylnaphthalene	12.409	142	1455	0.027	ng/ul	91
8) 1-Methylnaphthalene	12.629	142	1419	0.026	ng/ul	99
10) Acenaphthylene	14.298	152	4741	0.066	ng/ul	95
15) Phenanthrene	17.351	178	35026	0.314	ng/ul	99
16) Anthracene	17.444	178	4470	0.048	ng/ul#	92
19) Fluoranthene	19.364	202	53787	0.628	ng/ul	98
20) Pyrene	19.726	202	44733	0.501	ng/ul	96
21) Benzo(a)anthracene	21.468	228	13091	0.168	ng/ul	96
22) Chrysene	21.517	228	16968	0.203	ng/ul	98
24) Benzo(b)fluoranthene	23.148	252	19796	0.269	ng/ul	88
26) Benzo(a)pyrene	23.771	252	11765	0.197	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.360	276	10012	0.118	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.366	278	2185	0.032	ng/ul#	26
29) Benzo(g,h,i)perylene	27.128	276	9232	0.124	ng/ul	93

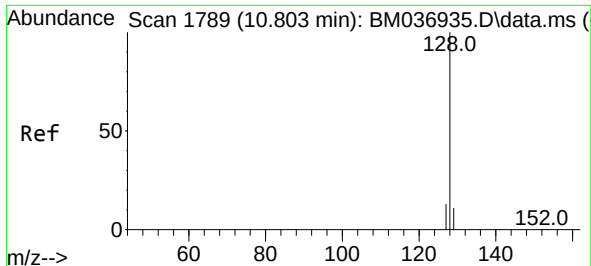
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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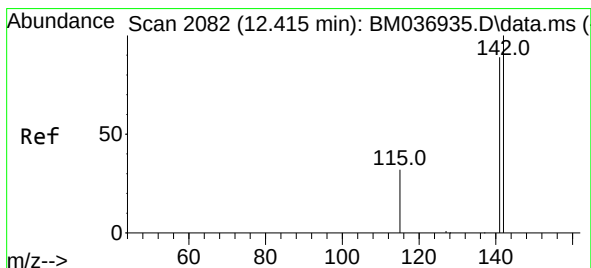
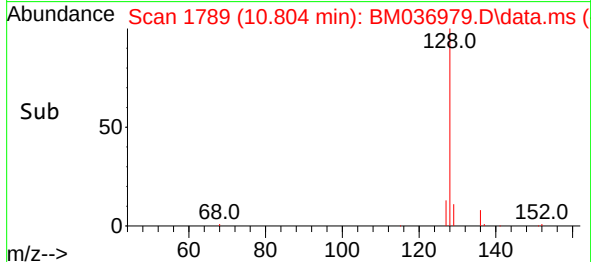
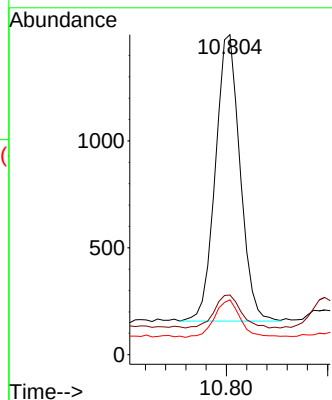
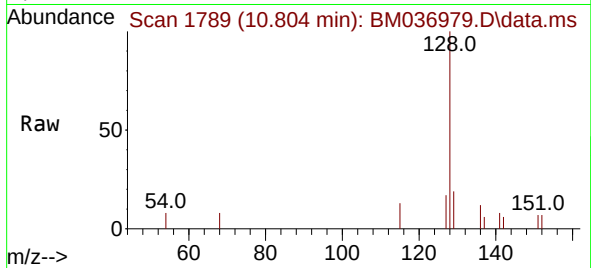




#5
Naphthalene
Concen: 0.026 ng/ul
RT: 10.804 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BM036979.D
Acq: 12 Oct 2022 12:12

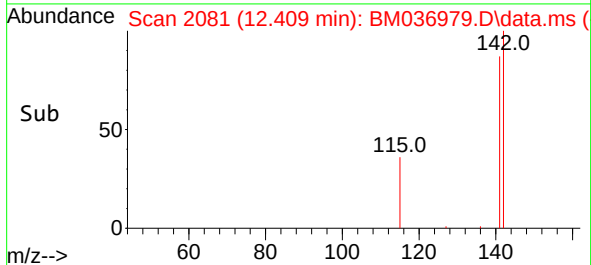
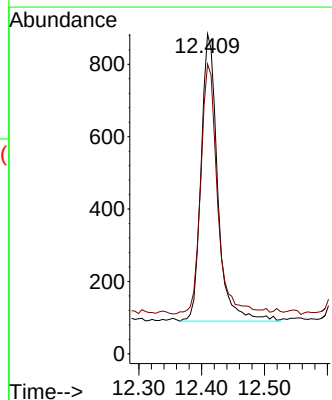
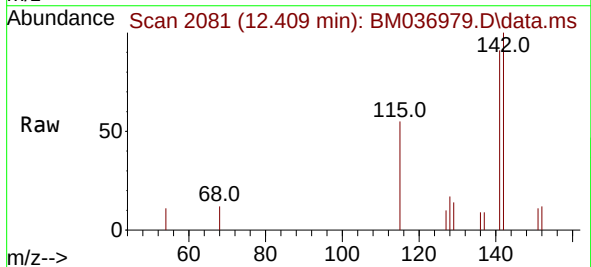
Instrument :
BNA_M
ClientSampleId :
C0BF4DL

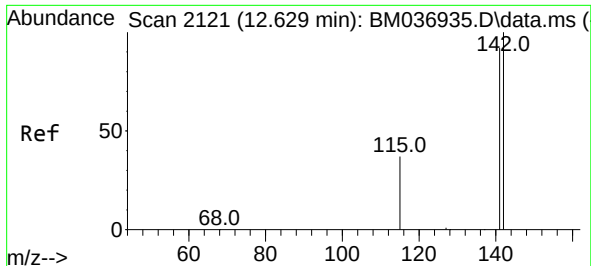
Tgt Ion:128 Resp: 2264
Ion Ratio Lower Upper
128 100
129 18.6 10.2 15.2#
127 17.2 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.409 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BM036979.D
Acq: 12 Oct 2022 12:12

Tgt Ion:142 Resp: 1455
Ion Ratio Lower Upper
142 100
141 88.2 77.4 116.0

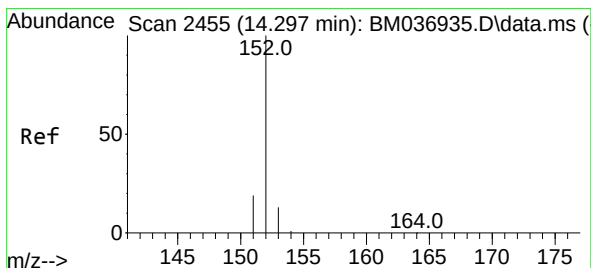
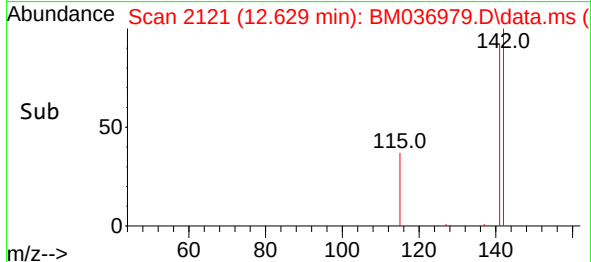
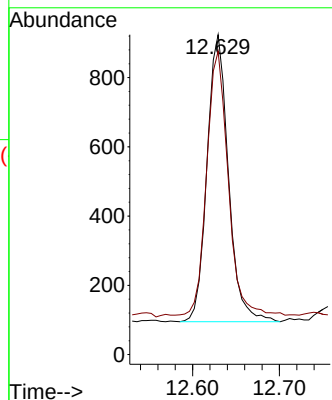
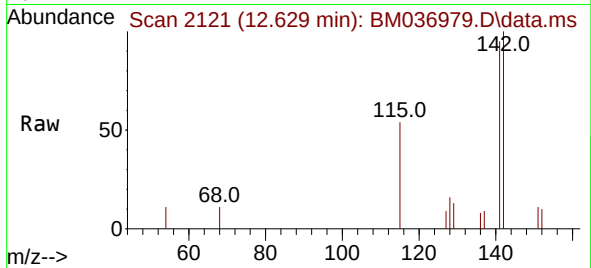




#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.629 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BM036979.D
Acq: 12 Oct 2022 12:12

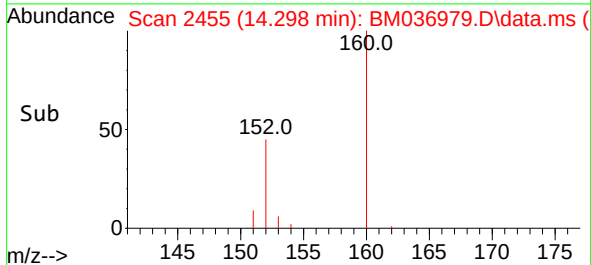
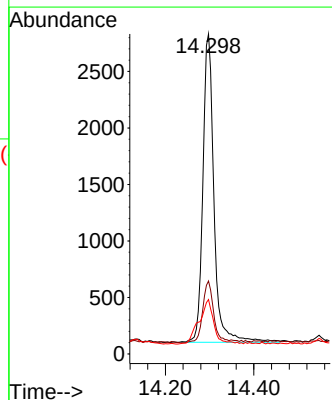
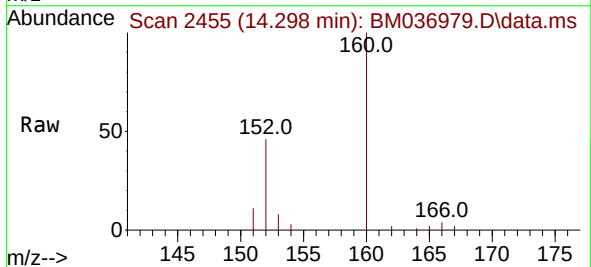
Instrument :
BNA_M
ClientSampleId :
C0BF4DL

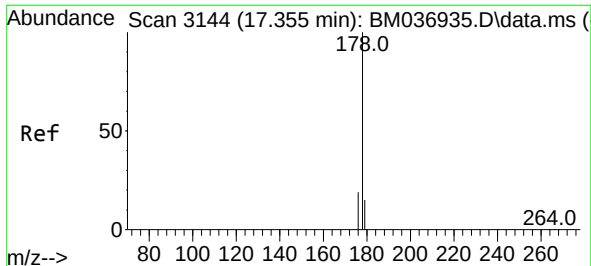
Tgt Ion:142 Resp: 1419
Ion Ratio Lower Upper
142 100
141 91.5 74.1 111.1



#10
Acenaphthylene
Concen: 0.066 ng/ul
RT: 14.298 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM036979.D
Acq: 12 Oct 2022 12:12

Tgt Ion:152 Resp: 4741
Ion Ratio Lower Upper
152 100
151 22.8 16.6 24.8
153 17.0 11.4 17.0

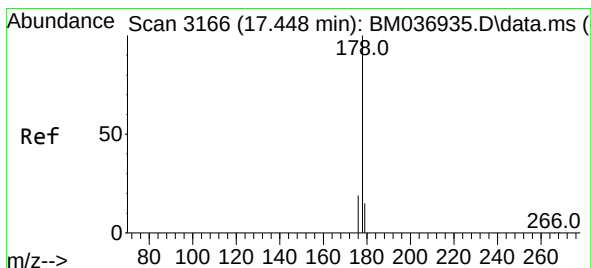
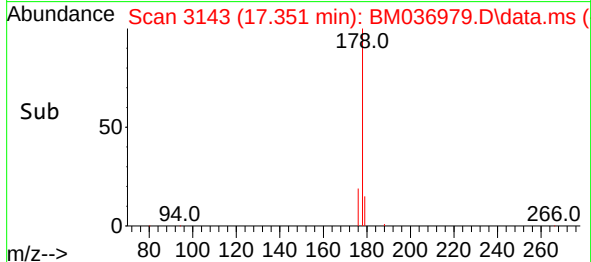
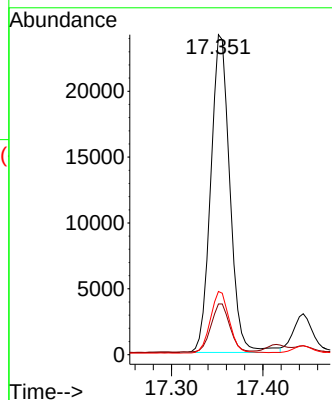
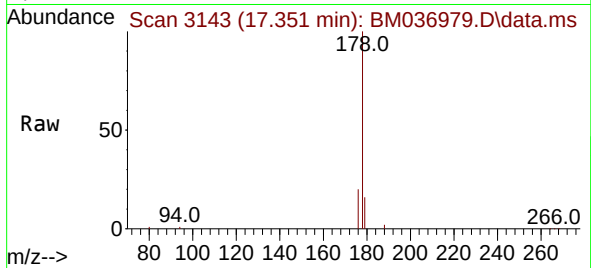




#15
Phenanthrene
Concen: 0.314 ng/ul
RT: 17.351 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM036979.D
Acq: 12 Oct 2022 12:12

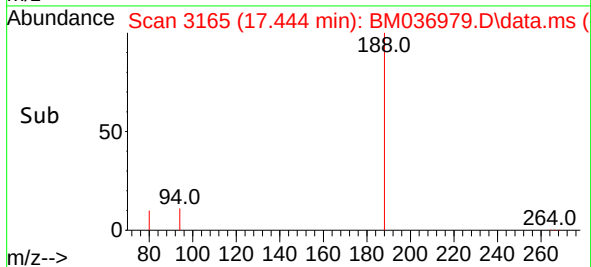
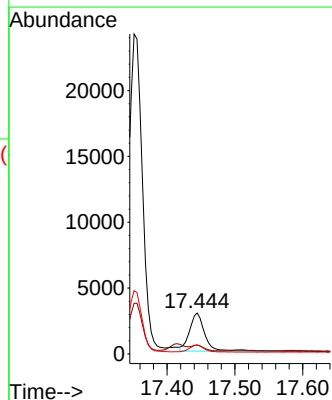
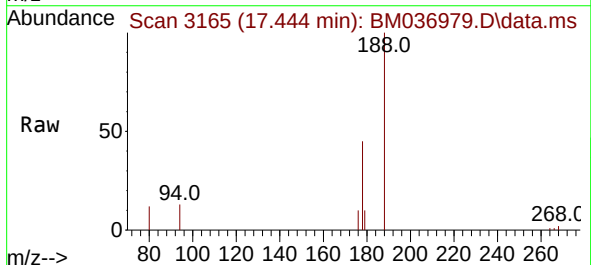
Instrument :
BNA_M
ClientSampleId :
C0BF4DL

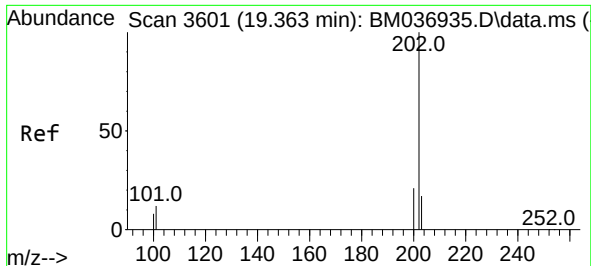
Tgt Ion:178 Resp: 35026
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.7 15.6 23.4



#16
Anthracene
Concen: 0.048 ng/ul
RT: 17.444 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM036979.D
Acq: 12 Oct 2022 12:12

Tgt Ion:178 Resp: 4470
Ion Ratio Lower Upper
178 100
179 22.0 13.6 20.4#
176 22.0 15.6 23.4





#19

Fluoranthene

Concen: 0.628 ng/ul

RT: 19.364 min Scan# 3601

Delta R.T. 0.000 min

Lab File: BM036979.D

Acq: 12 Oct 2022 12:12

Instrument :

BNA_M

ClientSampleId :

C0BF4DL

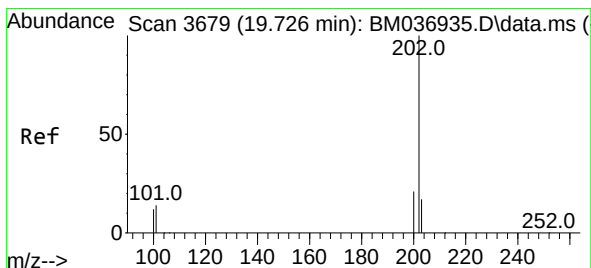
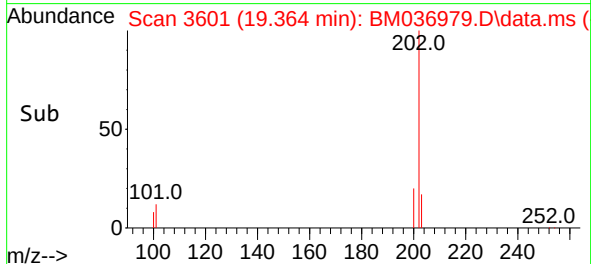
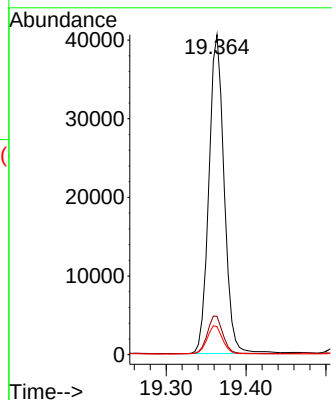
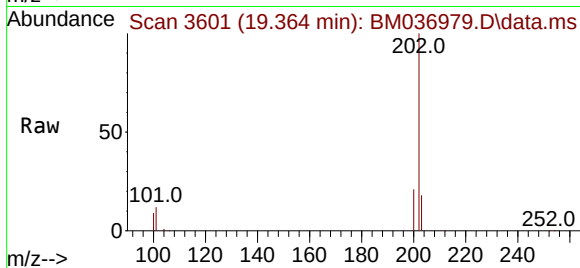
Tgt Ion:202 Resp: 53787

Ion Ratio Lower Upper

202 100

101 12.0 10.1 15.1

100 8.7 7.9 11.9



#20

Pyrene

Concen: 0.501 ng/ul

RT: 19.726 min Scan# 3679

Delta R.T. 0.000 min

Lab File: BM036979.D

Acq: 12 Oct 2022 12:12

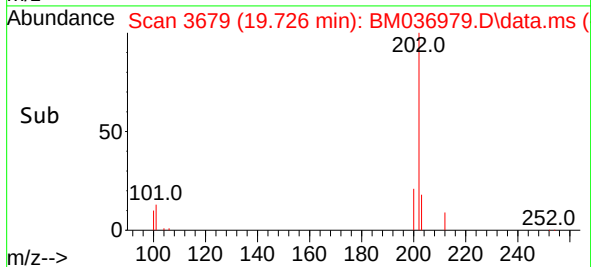
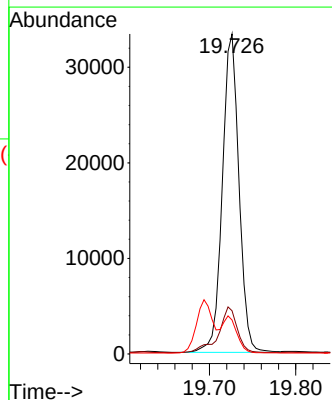
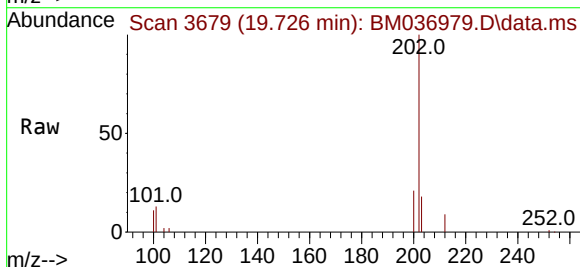
Tgt Ion:202 Resp: 44733

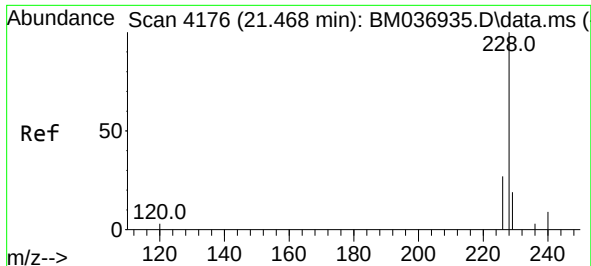
Ion Ratio Lower Upper

202 100

101 13.5 12.0 18.0

100 10.6 9.8 14.6

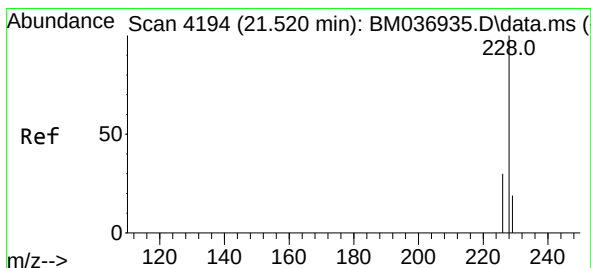
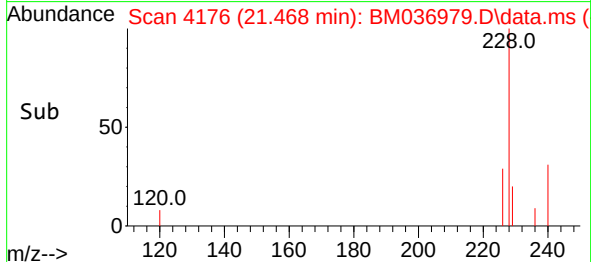
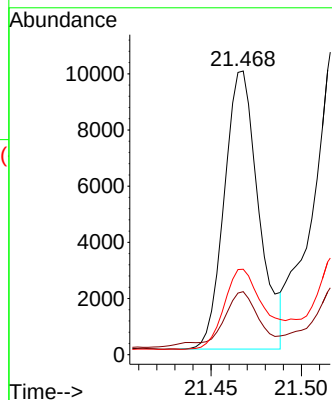
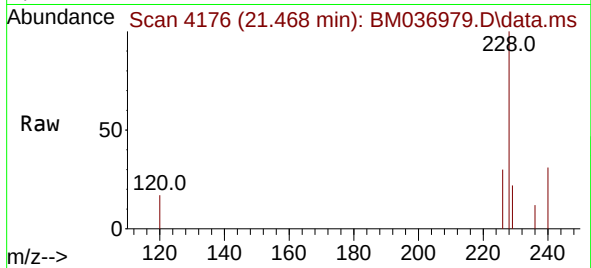




#21
Benzo(a)anthracene
Concen: 0.168 ng/ul
RT: 21.468 min Scan# 4176
Delta R.T. 0.000 min
Lab File: BM036979.D
Acq: 12 Oct 2022 12:12

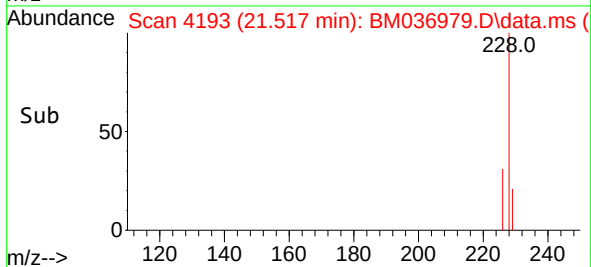
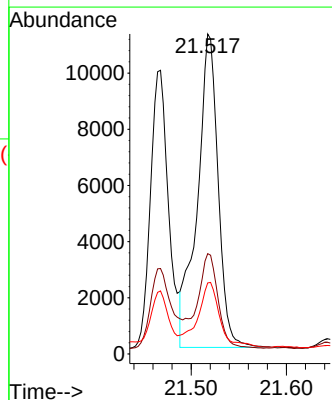
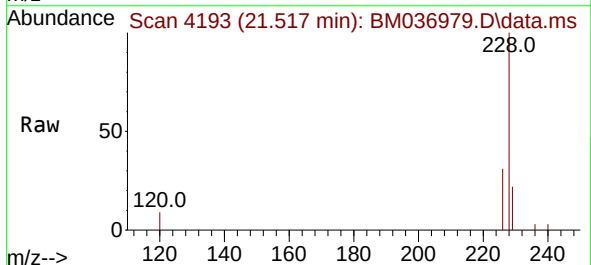
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C0BF4DL

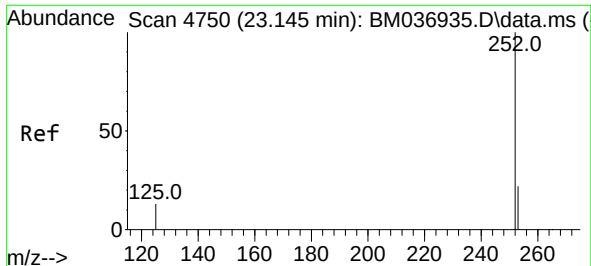
Tgt Ion:228 Resp: 13091
Ion Ratio Lower Upper
228 100
229 22.2 16.2 24.2
226 30.1 22.5 33.7



#22
Chrysene
Concen: 0.203 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.003 min
Lab File: BM036979.D
Acq: 12 Oct 2022 12:12

Tgt Ion:228 Resp: 16968
Ion Ratio Lower Upper
228 100
226 31.4 24.6 37.0
229 22.2 16.4 24.6

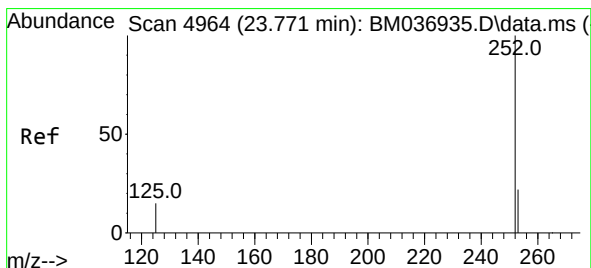
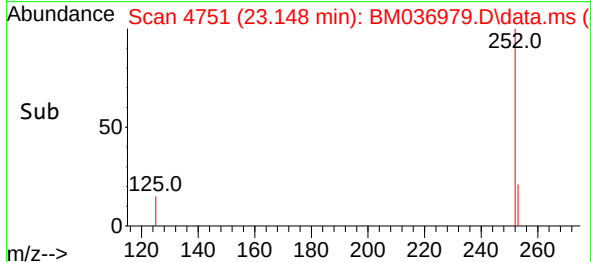
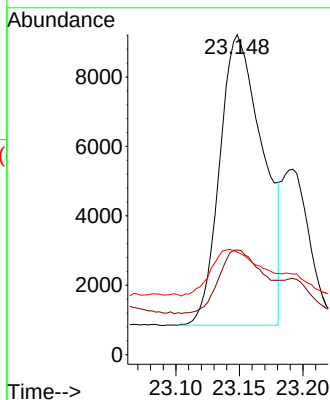
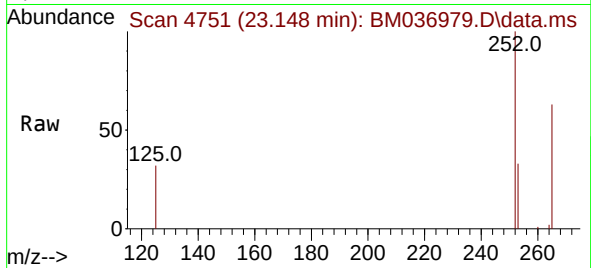




#24
Benzo(b)fluoranthene
Concen: 0.269 ng/u1
RT: 23.148 min Scan# 4751
Delta R.T. 0.003 min
Lab File: BM036979.D
Acq: 12 Oct 2022 12:12

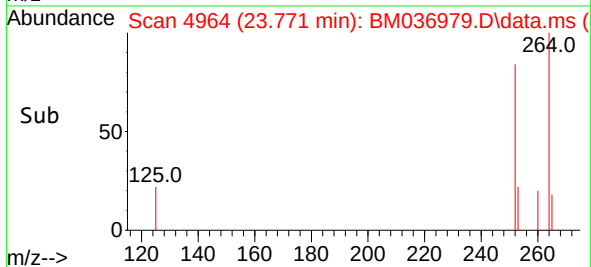
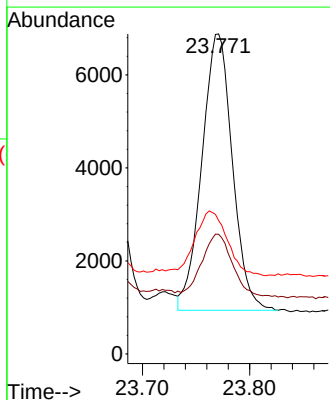
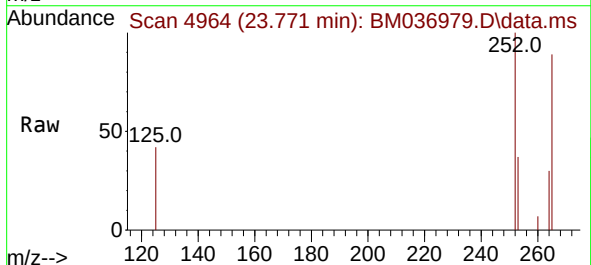
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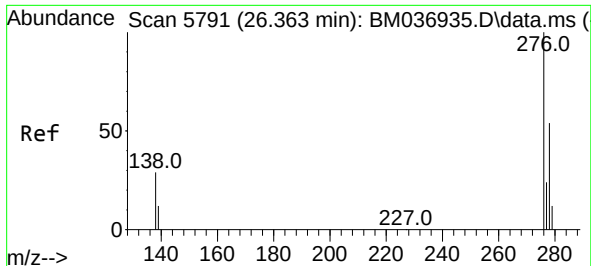
Tgt Ion:252 Resp: 19796
Ion Ratio Lower Upper
252 100
253 32.7 0.0 61.4
125 32.1 0.0 42.6



#26
Benzo(a)pyrene
Concen: 0.197 ng/u1
RT: 23.771 min Scan# 4964
Delta R.T. 0.000 min
Lab File: BM036979.D
Acq: 12 Oct 2022 12:12

Tgt Ion:252 Resp: 11765
Ion Ratio Lower Upper
252 100
253 37.4 29.7 44.5
125 41.7 23.6 35.4#

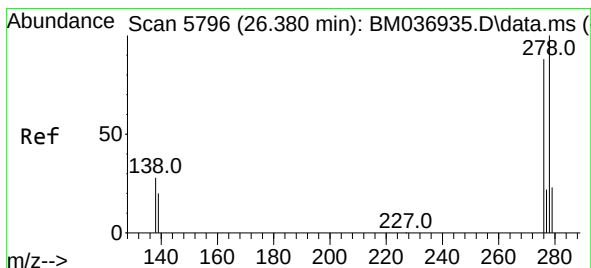
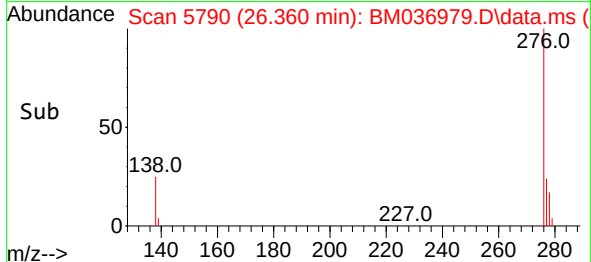
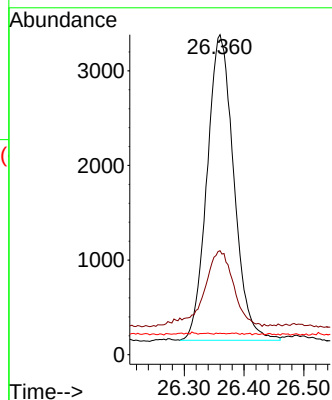
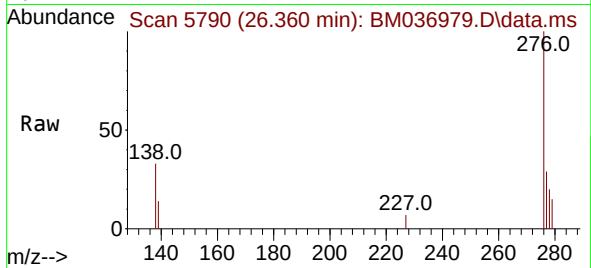




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.118 ng/ul
RT: 26.360 min Scan# 5791
Delta R.T. -0.003 min
Lab File: BM036979.D
Acq: 12 Oct 2022 12:12

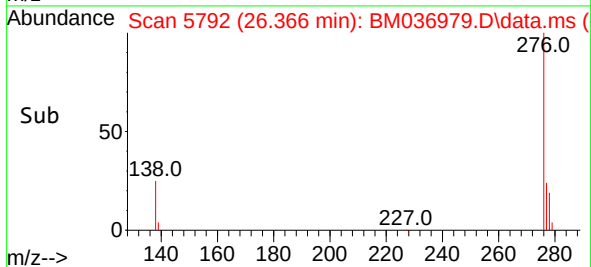
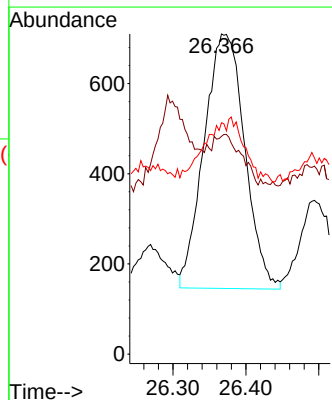
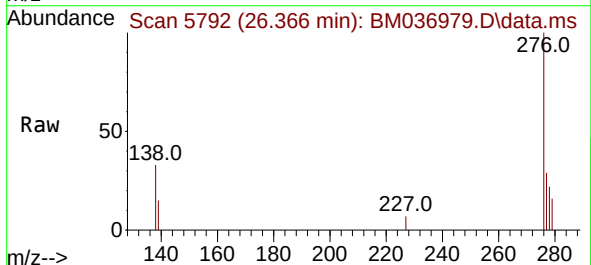
Instrument :
BNA_M
ClientSampleId :
C0BF4DL

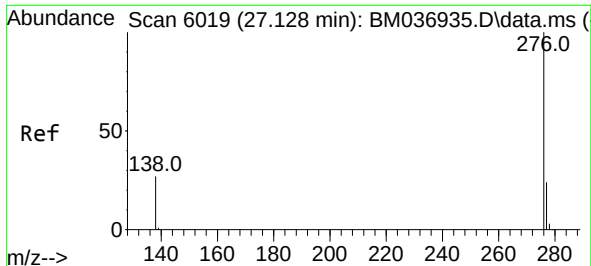
Tgt Ion:276 Resp: 10012
Ion Ratio Lower Upper
276 100
138 27.8 23.9 35.9
227 0.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.032 ng/ul
RT: 26.366 min Scan# 5792
Delta R.T. -0.013 min
Lab File: BM036979.D
Acq: 12 Oct 2022 12:12

Tgt Ion:278 Resp: 2185
Ion Ratio Lower Upper
278 100
139 68.0 19.8 29.6#
279 72.3 27.7 41.5#





#29

Benzo(g,h,i)perylene

Concen: 0.124 ng/ul

RT: 27.128 min Scan# 6019

Delta R.T. 0.000 min

Lab File: BM036979.D

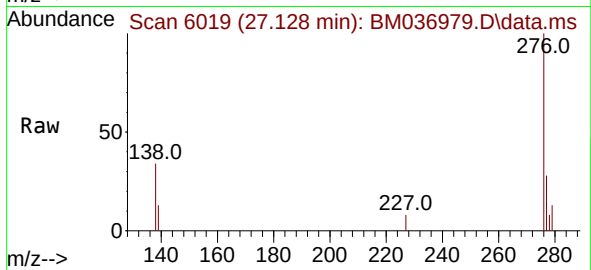
Acq: 12 Oct 2022 12:12

Instrument :

BNA_M

ClientSampleId :

C0BF4DL



Tgt Ion:276 Resp: 9232

Ion Ratio Lower Upper

276 100

138 33.7 23.4 35.0

277 28.5 21.0 31.4

