

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101022\
 Data File : BM036946.D
 Acq On : 11 Oct 2022 15:16
 Operator : CG/JU
 Sample : N4824-04DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB8P1DL

Quant Time: Oct 12 01:26:50 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)

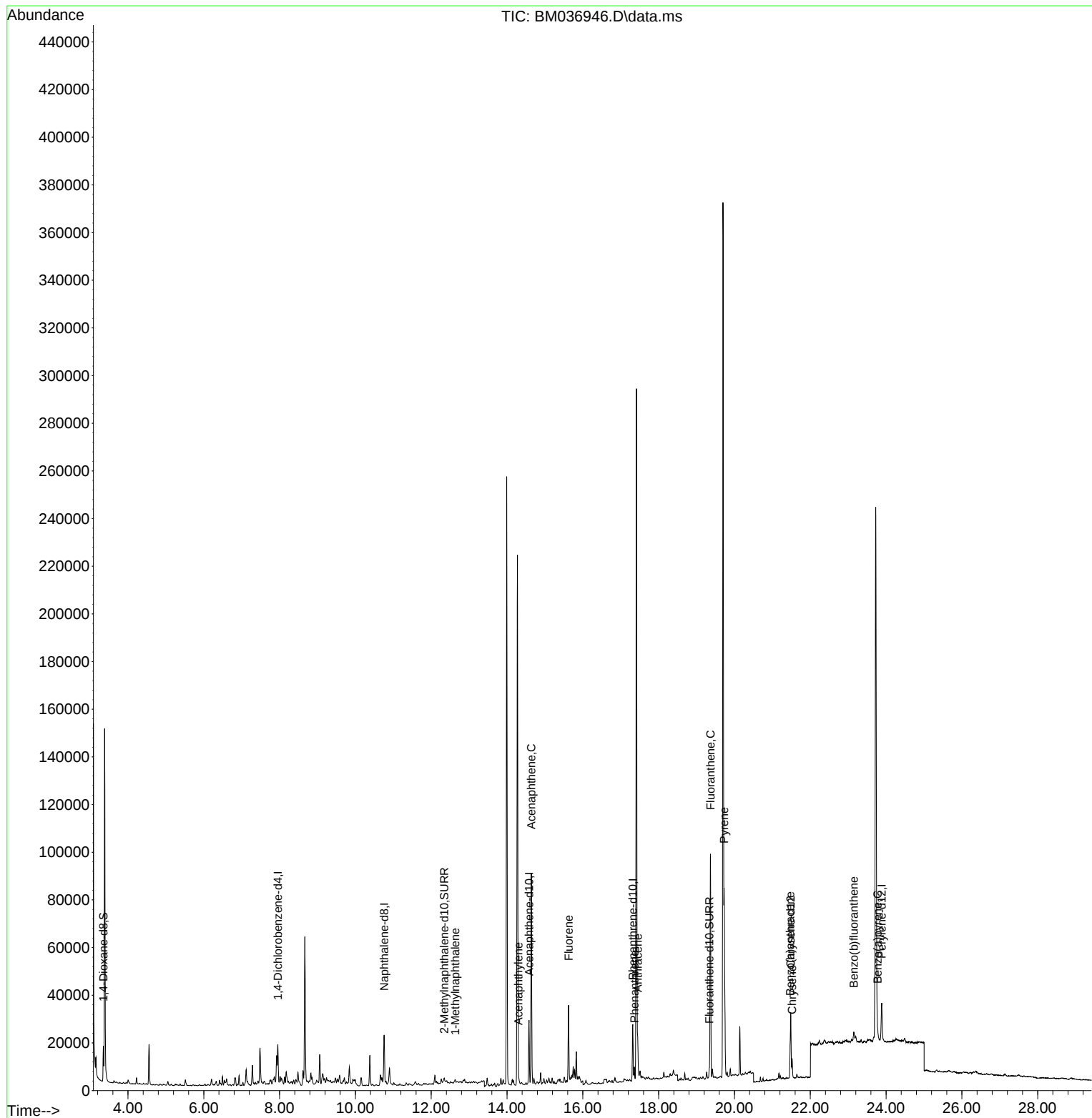
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	8497	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	27952	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	14555	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.317	188	27837	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.485	240	21649	0.400	ng/ul	# 0.00
23) Perylene-d12	23.885	264	21622	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	8977	0.749	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	2509	0.059	ng/ul	0.00
18) Fluoranthene-d10	19.336	212	4240	0.065	ng/ul	0.00
Target Compounds						
					Qvalue	
8) 1-Methylnaphthalene	12.635	142	1035	0.021	ng/ul	99
10) Acenaphthylene	14.302	152	2271	0.038	ng/ul#	18
11) Acenaphthene	14.640	153	49391	0.941	ng/ul	99
12) Fluorene	15.625	166	20182	0.339	ng/ul	99
15) Phenanthrene	17.360	178	6058	0.068	ng/ul#	77
16) Anthracene	17.448	178	14862	0.200	ng/ul#	93
19) Fluoranthene	19.368	202	79231	0.920	ng/ul	98
20) Pyrene	19.726	202	62032	0.691	ng/ul	98
21) Benzo(a)anthracene	21.470	228	10266	0.131	ng/ul#	87
22) Chrysene	21.520	228	8572	0.102	ng/ul#	84
24) Benzo(b)fluoranthene	23.151	252	5169	0.054	ng/ul#	1
26) Benzo(a)pyrene	23.777	252	3050	0.039	ng/ul#	1

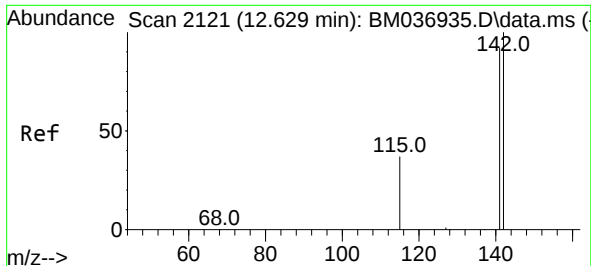
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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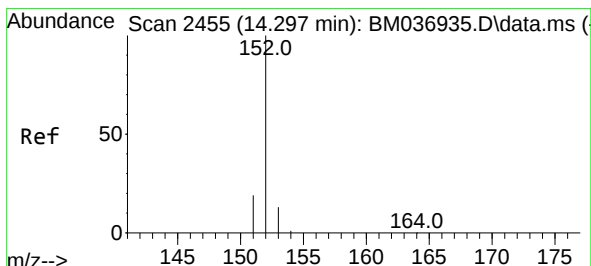
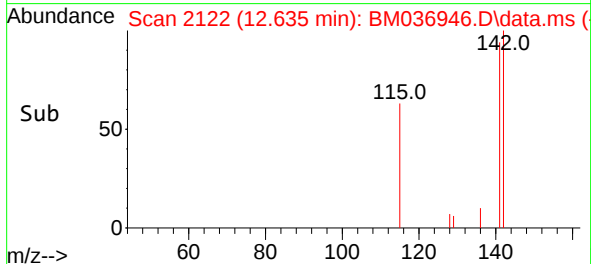
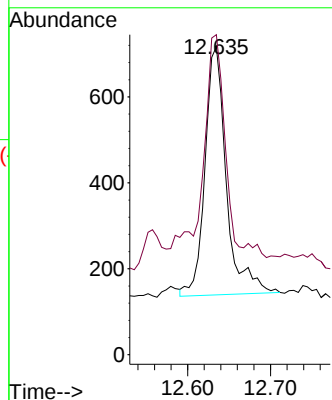
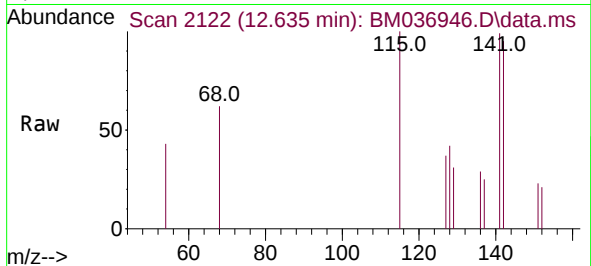




#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.635 min Scan# 2121
Delta R.T. 0.005 min
Lab File: BM036946.D
Acq: 11 Oct 2022 15:16

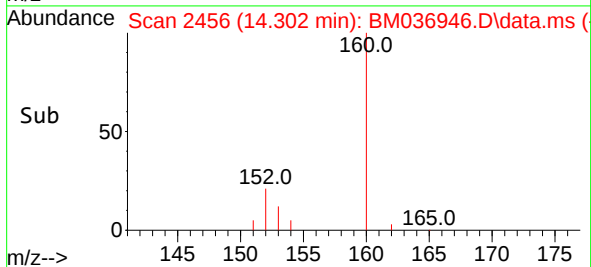
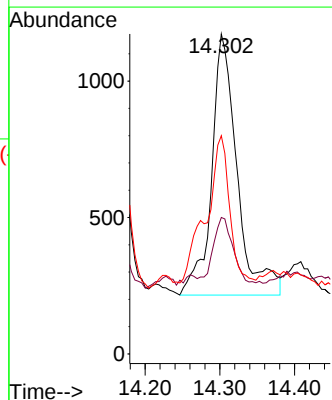
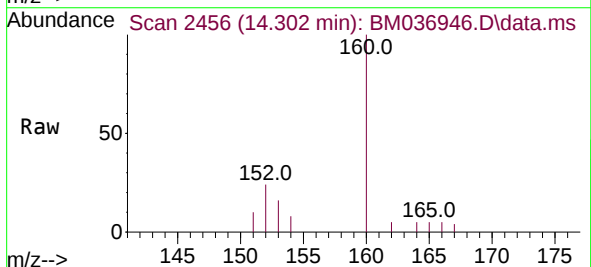
Instrument :
BNA_M
ClientSampleId :
CB8P1DL

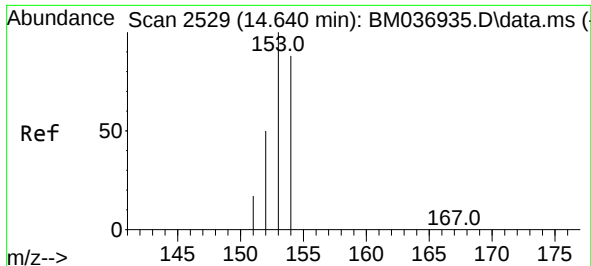
Tgt Ion:142 Resp: 1035
Ion Ratio Lower Upper
142 100
141 91.5 74.1 111.1



#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.302 min Scan# 2456
Delta R.T. 0.005 min
Lab File: BM036946.D
Acq: 11 Oct 2022 15:16

Tgt Ion:152 Resp: 2271
Ion Ratio Lower Upper
152 100
151 42.6 16.6 24.8#
153 68.2 11.4 17.0#

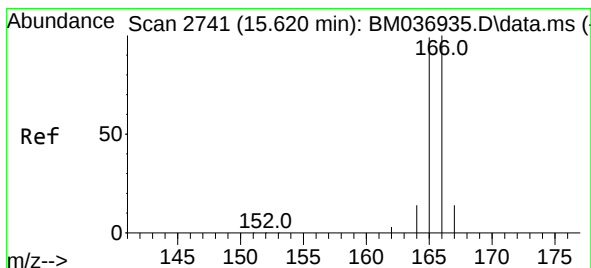
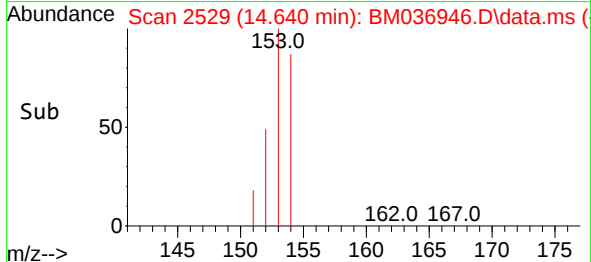
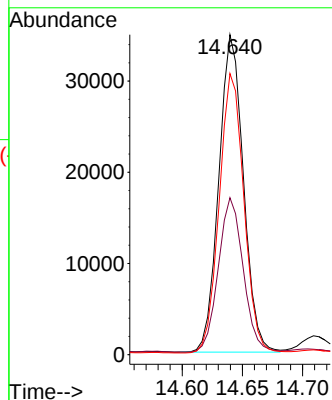
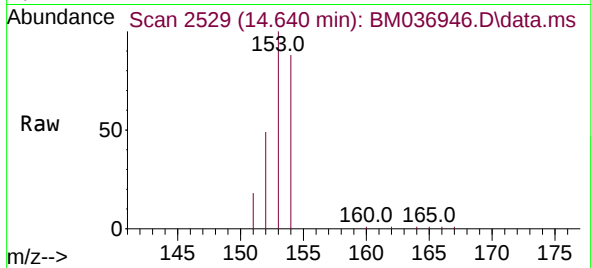




#11
Acenaphthene
Concen: 0.941 ng/ul
RT: 14.640 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036946.D
Acq: 11 Oct 2022 15:16

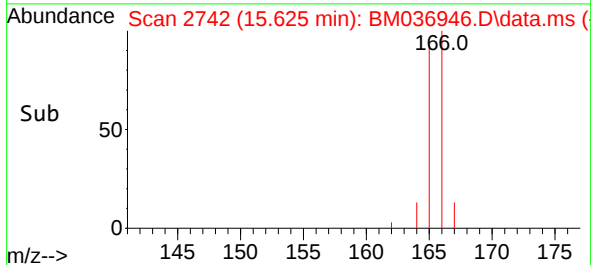
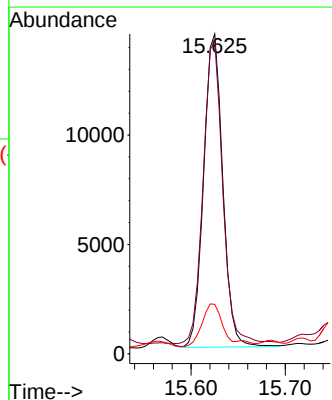
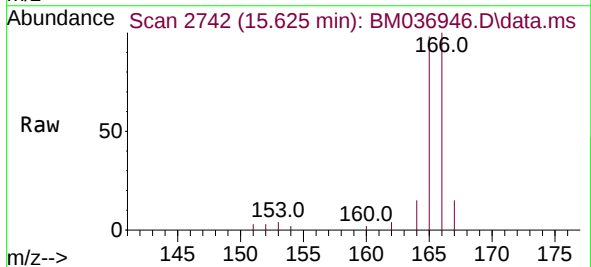
Instrument :
BNA_M
ClientSampleId :
CB8P1DL

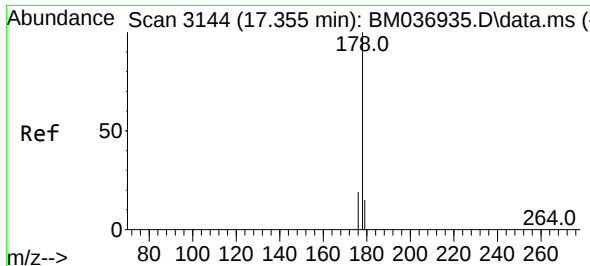
Tgt Ion:153 Resp: 49391
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.4
154 87.8 69.7 104.5



#12
Fluorene
Concen: 0.339 ng/ul
RT: 15.625 min Scan# 2742
Delta R.T. 0.005 min
Lab File: BM036946.D
Acq: 11 Oct 2022 15:16

Tgt Ion:166 Resp: 20182
Ion Ratio Lower Upper
166 100
165 97.7 78.9 118.3
167 15.5 11.3 16.9

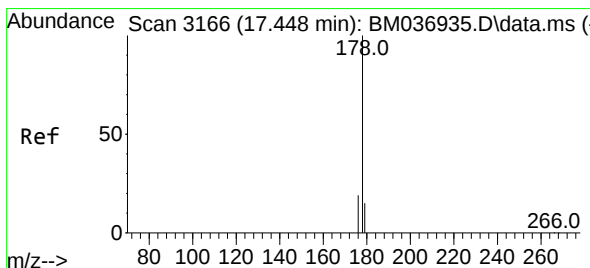
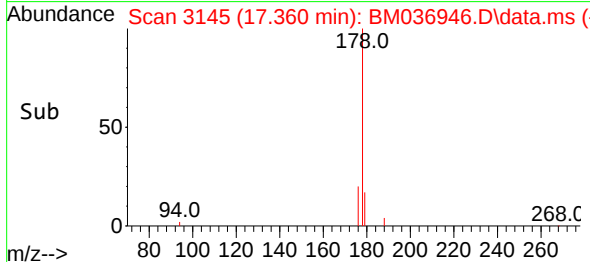
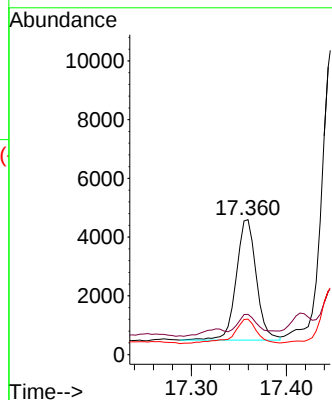
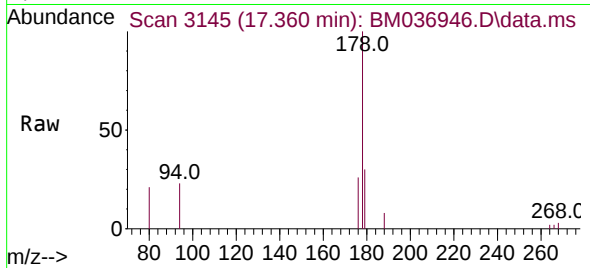




#15
Phenanthrene
Concen: 0.068 ng/ul
RT: 17.360 min Scan# 3145
Delta R.T. 0.004 min
Lab File: BM036946.D
Acq: 11 Oct 2022 15:16

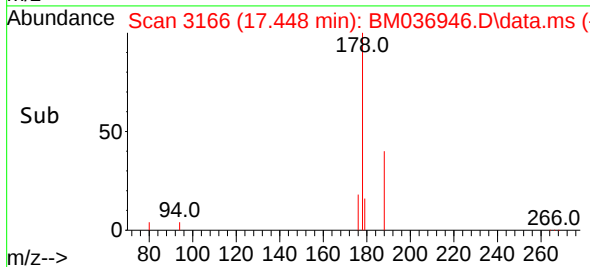
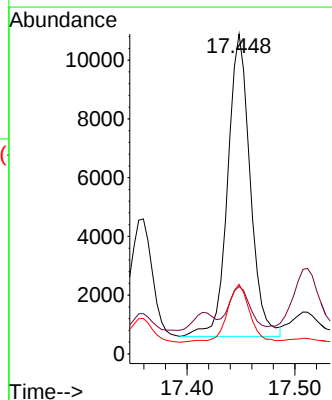
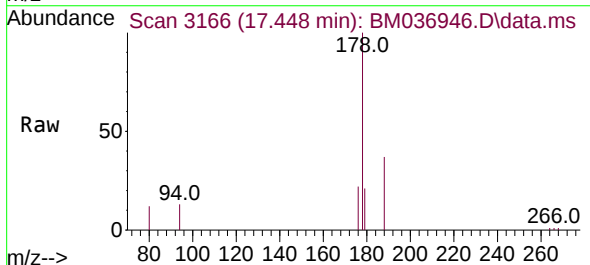
Instrument :
BNA_M
ClientSampleId :
CB8P1DL

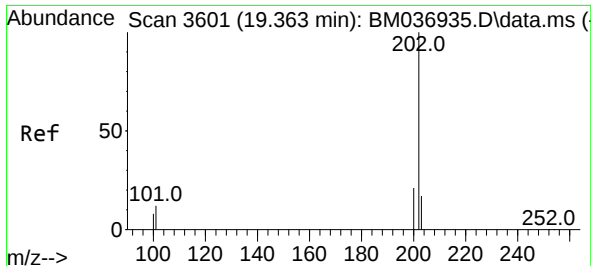
Tgt Ion:178 Resp: 6058
Ion Ratio Lower Upper
178 100
179 29.8 13.0 19.6#
176 26.3 15.6 23.4#



#16
Anthracene
Concen: 0.200 ng/ul
RT: 17.448 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BM036946.D
Acq: 11 Oct 2022 15:16

Tgt Ion:178 Resp: 14862
Ion Ratio Lower Upper
178 100
179 21.1 13.6 20.4#
176 21.7 15.6 23.4

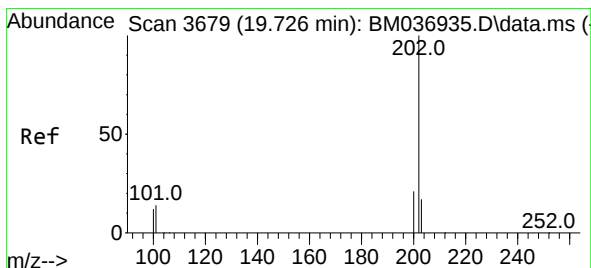
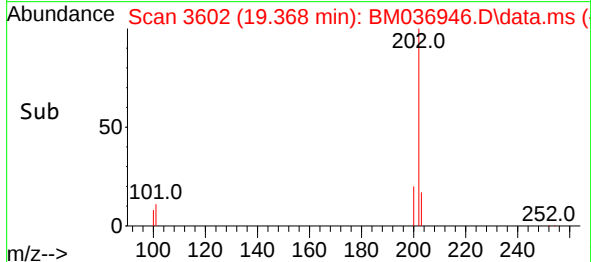
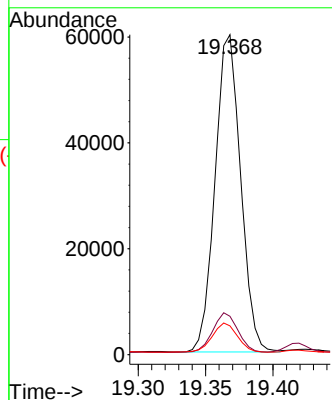
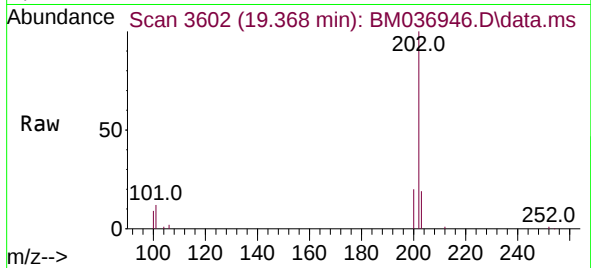




#19
Fluoranthene
Concen: 0.920 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. 0.005 min
Lab File: BM036946.D
Acq: 11 Oct 2022 15:16

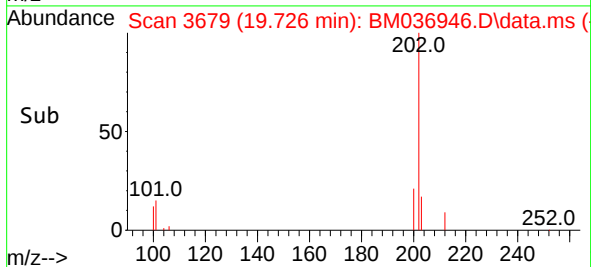
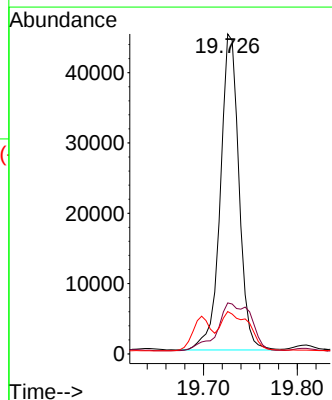
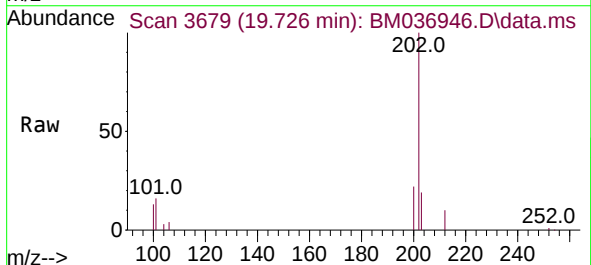
Instrument :
BNA_M
ClientSampleId :
CB8P1DL

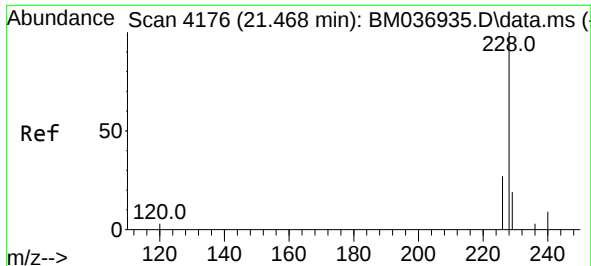
Tgt Ion:202 Resp: 79231
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.0 7.9 11.9



#20
Pyrene
Concen: 0.691 ng/ul
RT: 19.726 min Scan# 3679
Delta R.T. -0.000 min
Lab File: BM036946.D
Acq: 11 Oct 2022 15:16

Tgt Ion:202 Resp: 62032
Ion Ratio Lower Upper
202 100
101 16.0 12.0 18.0
100 13.2 9.8 14.6

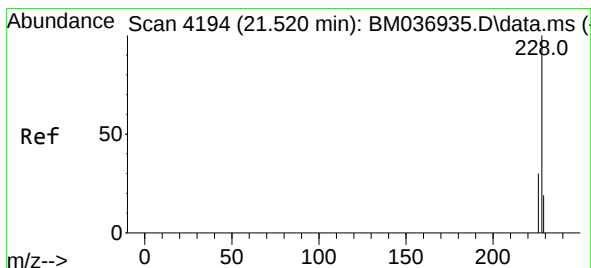
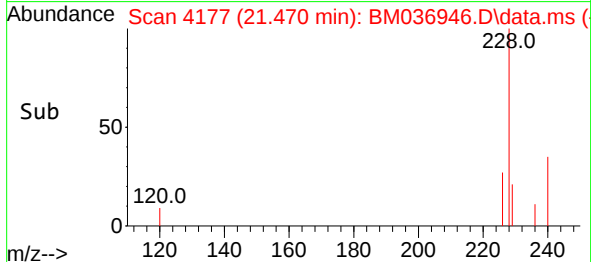
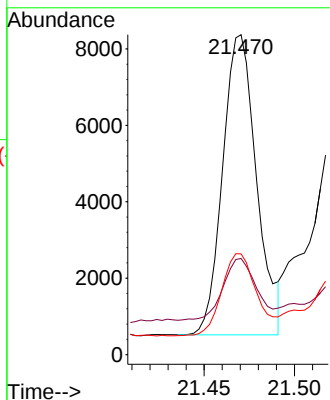
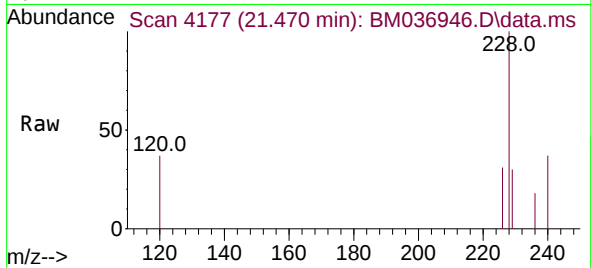




#21
Benzo(a)anthracene
Concen: 0.131 ng/ul
RT: 21.470 min Scan# 4177
Delta R.T. 0.003 min
Lab File: BM036946.D
Acq: 11 Oct 2022 15:16

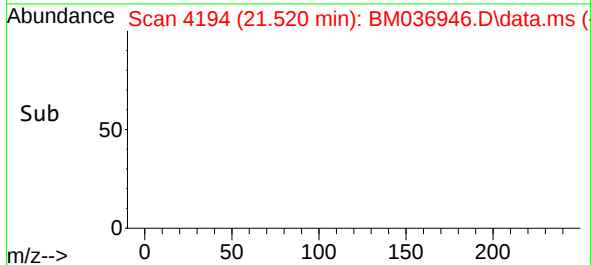
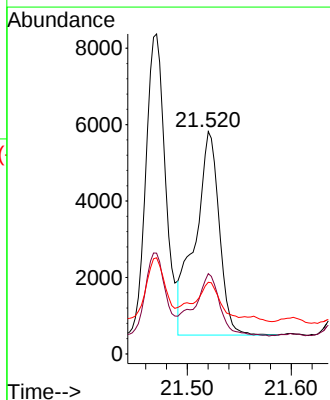
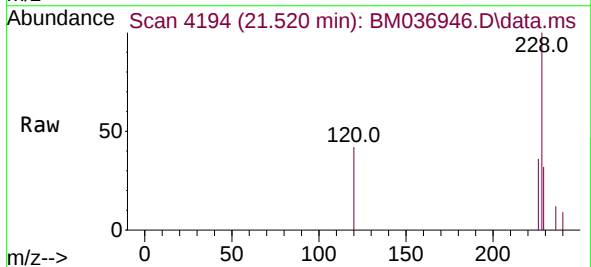
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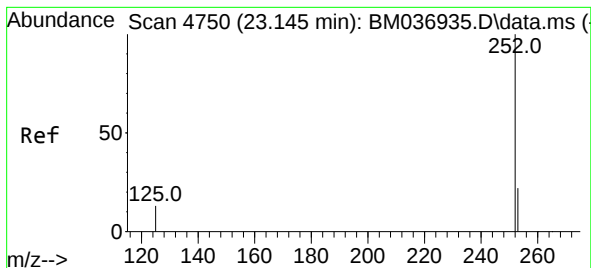
Tgt Ion:228 Resp: 10266
Ion Ratio Lower Upper
228 100
229 30.0 16.2 24.2#
226 31.5 22.5 33.7



#22
Chrysene
Concen: 0.102 ng/ul
RT: 21.520 min Scan# 4194
Delta R.T. -0.000 min
Lab File: BM036946.D
Acq: 11 Oct 2022 15:16

Tgt Ion:228 Resp: 8572
Ion Ratio Lower Upper
228 100
226 36.1 24.6 37.0
229 32.2 16.4 24.6#





#24

Benzo(b)fluoranthene

Concen: 0.054 ng/ul

RT: 23.151 min Scan# 4752

Delta R.T. 0.006 min

Lab File: BM036946.D

Acq: 11 Oct 2022 15:16

Instrument :

BNA_M

ClientSampleId :

CB8P1DL

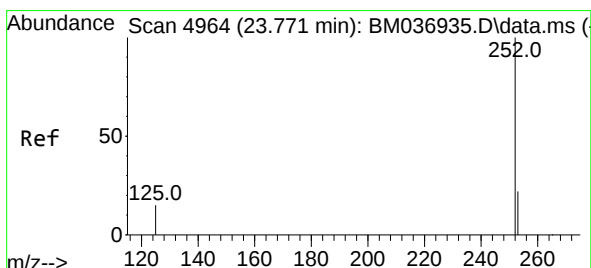
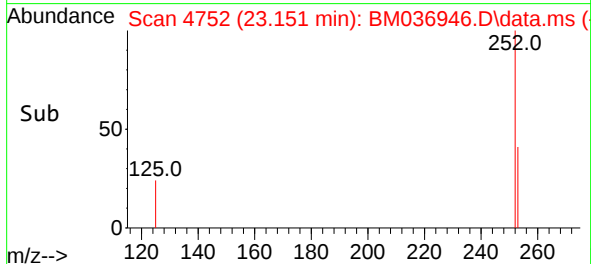
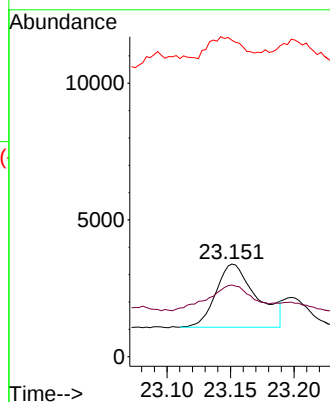
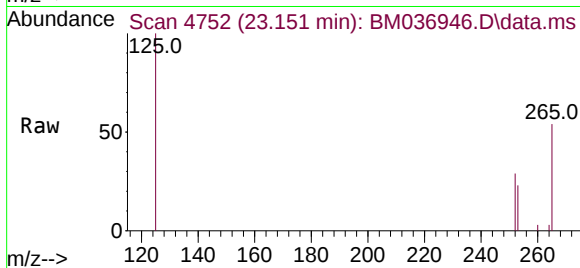
Tgt Ion:252 Resp: 5169

Ion Ratio Lower Upper

252 100

253 77.3 0.0 61.4#

125 341.8 0.0 42.6#



#26

Benzo(a)pyrene

Concen: 0.039 ng/ul

RT: 23.777 min Scan# 4966

Delta R.T. 0.006 min

Lab File: BM036946.D

Acq: 11 Oct 2022 15:16

Tgt Ion:252 Resp: 3050

Ion Ratio Lower Upper

252 100

253 75.0 29.7 44.5#

125 429.2 23.6 35.4#

