

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100722\
 Data File : BM036893.D
 Acq On : 08 Oct 2022 13:19
 Operator : CG/JU
 Sample : N4873-14
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXZ59

Quant Time: Oct 10 01:25:51 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 : Mon Oct 10 00:54:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

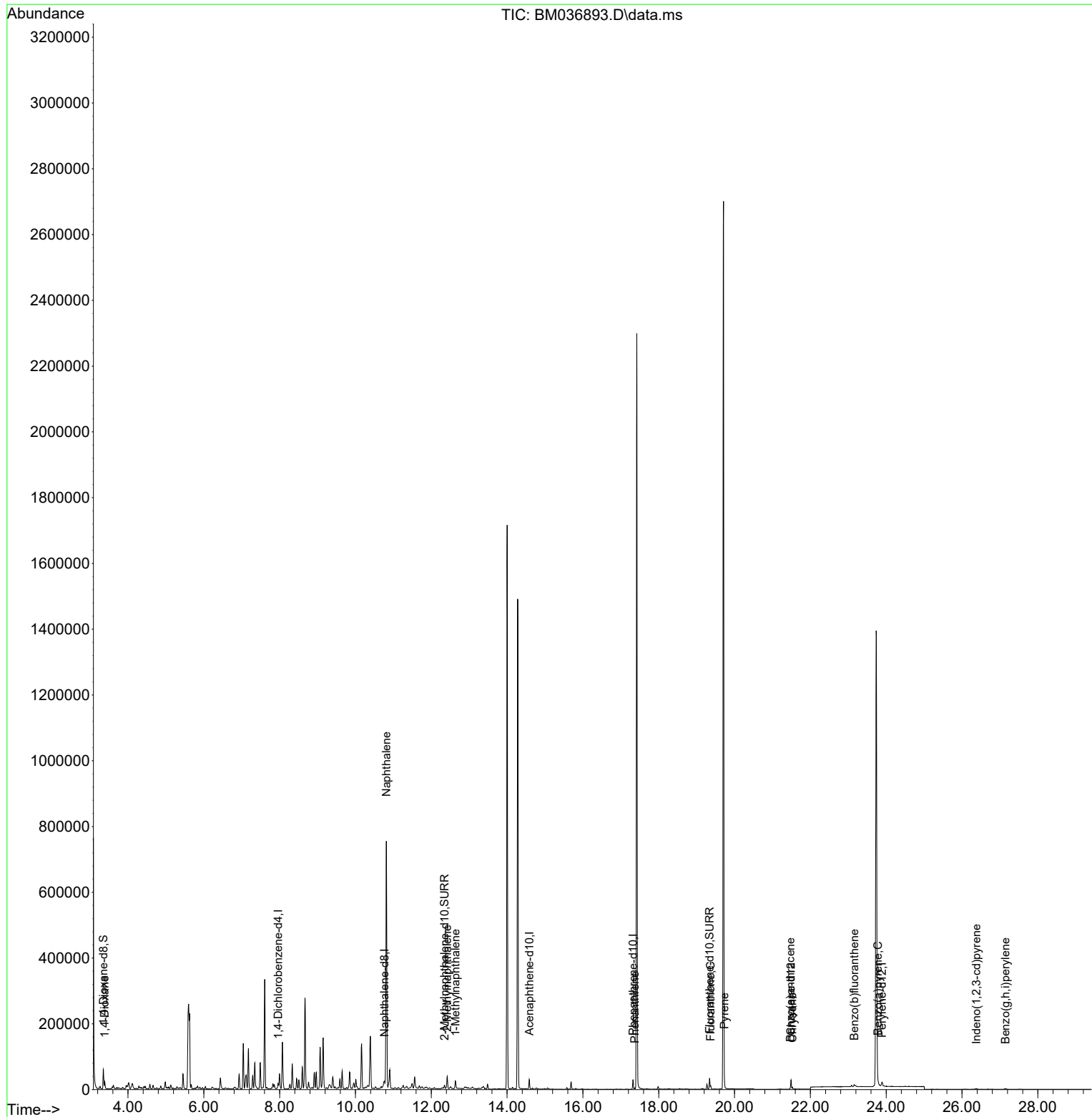
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	6825	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	24554	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.584	164	16211	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	33395	0.400	ng/ul	0.00
17) Chrysene-d12	21.488	240	23176	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264	18542	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.348	96	36323	3.774	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	13591	0.367	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	33468	0.483	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.386	88	13053	1.387	ng/ul#	79
5) Naphthalene	10.815	128	967201	13.778	ng/ul	96
7) 2-Methylnaphthalene	12.420	142	25447	0.593	ng/ul	91
8) 1-Methylnaphthalene	12.640	142	15049	0.345	ng/ul	100
15) Phenanthrene	17.364	178	4001	0.038	ng/ul#	93
19) Fluoranthene	19.368	202	8897	0.097	ng/ul#	93
20) Pyrene	19.731	202	7157	0.074	ng/ul#	86
21) Benzo(a)anthracene	21.474	228	3105	0.037	ng/ul#	92
22) Chrysene	21.523	228	6584	0.073	ng/ul	95
24) Benzo(b)fluoranthene	23.157	252	9641	0.116	ng/ul#	69
26) Benzo(a)pyrene	23.783	252	3724	0.055	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.377	276	3628	0.038	ng/ul#	98
29) Benzo(g,h,i)perylene	27.145	276	3826	0.046	ng/ul#	82

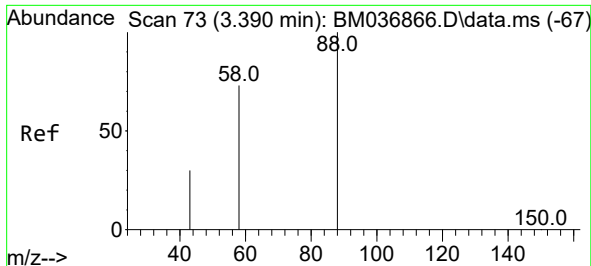
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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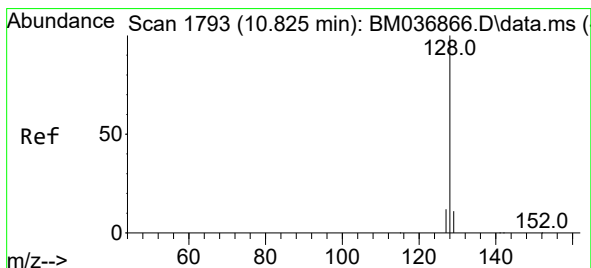
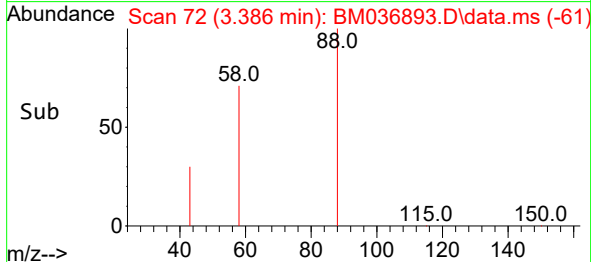
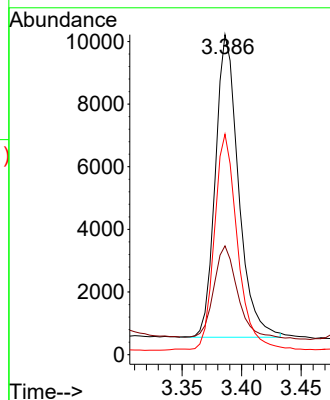
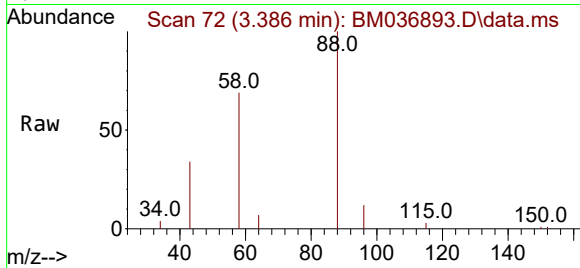




#2
1,4-Dioxane
Concen: 1.387 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM036893.D
Acq: 08 Oct 2022 13:19

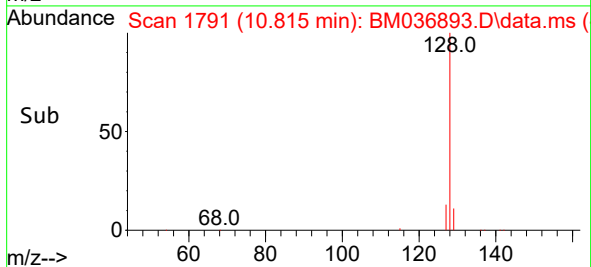
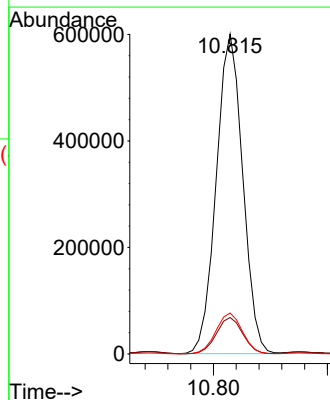
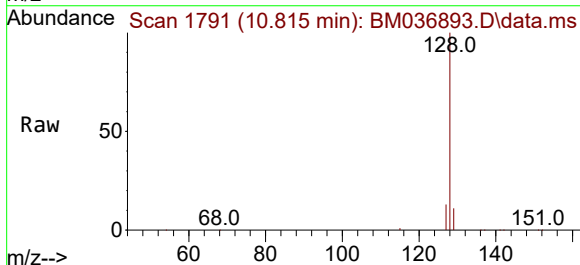
Instrument :
BNA_M
ClientSampleId :
EXZ59

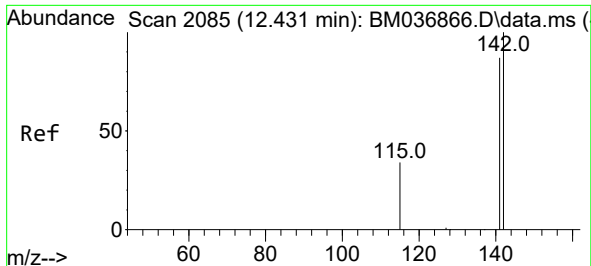
Tgt Ion: 88 Resp: 13053
Ion Ratio Lower Upper
88 100
43 34.0 37.8 56.6#
58 68.9 42.6 63.8#



#5
Naphthalene
Concen: 13.778 ng/ul
RT: 10.815 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BM036893.D
Acq: 08 Oct 2022 13:19

Tgt Ion: 128 Resp: 967201
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 12.8 11.7 17.5

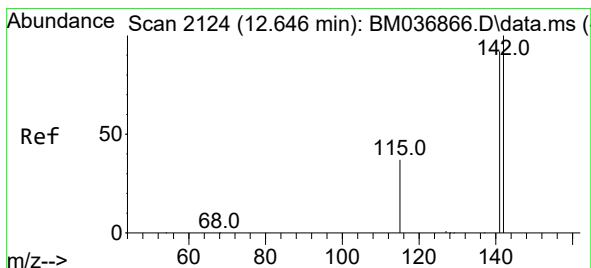
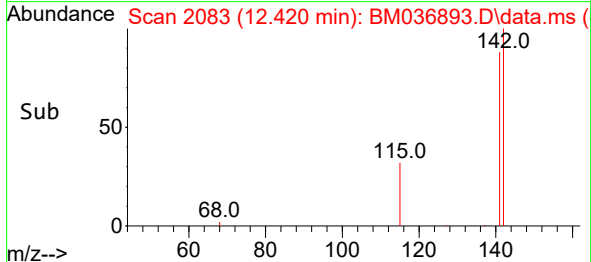
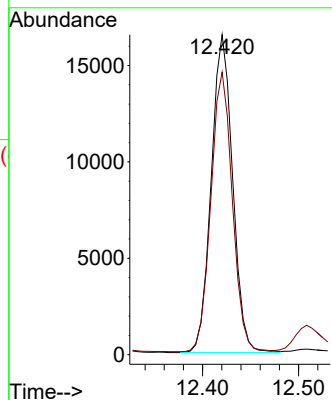
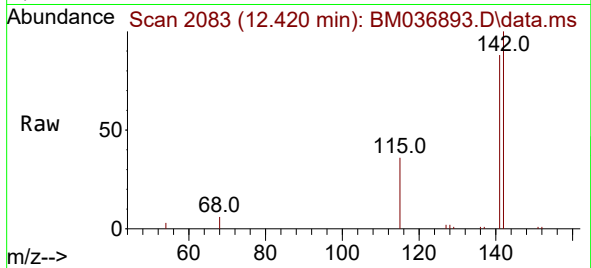




#7
2-Methylnaphthalene
Concen: 0.593 ng/ul
RT: 12.420 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM036893.D
Acq: 08 Oct 2022 13:19

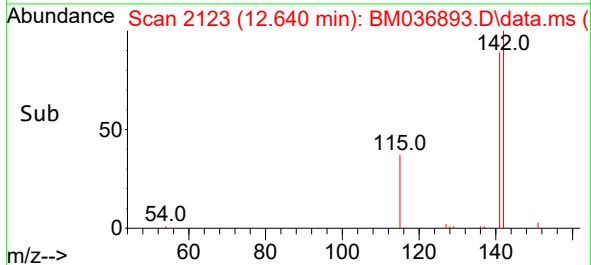
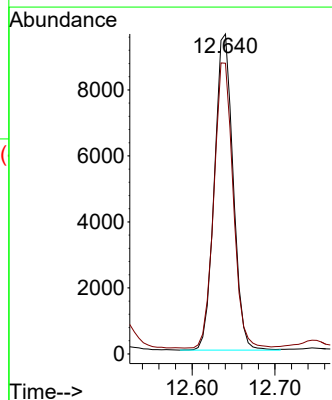
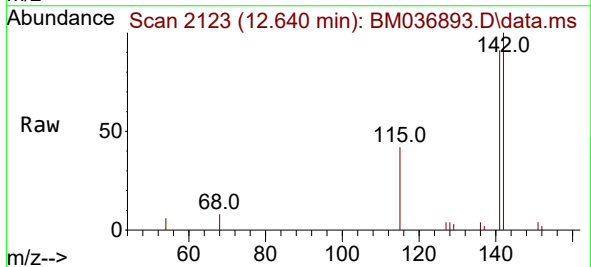
Instrument :
BNA_M
ClientSampleId :
EXZ59

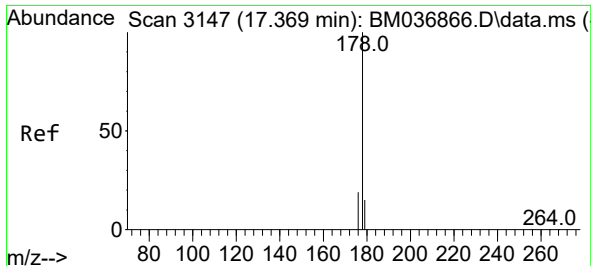
Tgt Ion:142 Resp: 25447
Ion Ratio Lower Upper
142 100
141 88.3 77.4 116.0



#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.640 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BM036893.D
Acq: 08 Oct 2022 13:19

Tgt Ion:142 Resp: 15049
Ion Ratio Lower Upper
142 100
141 93.0 74.1 111.1

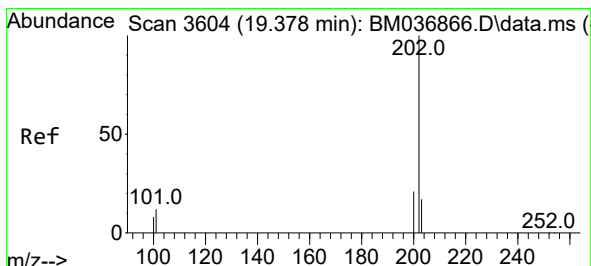
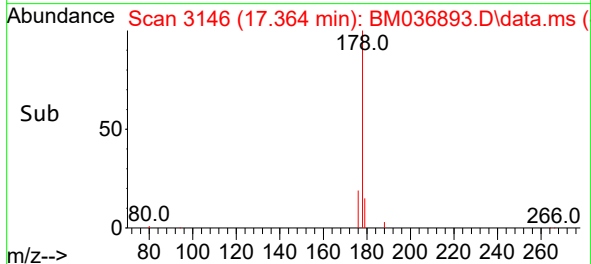
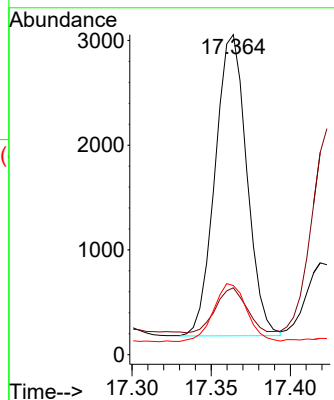
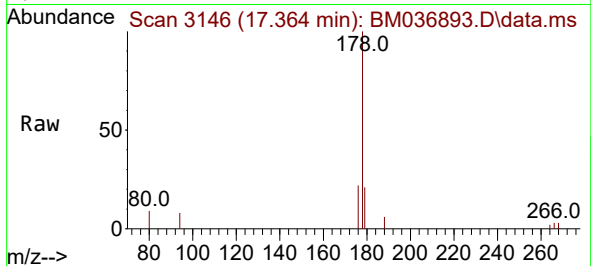




#15
Phenanthrene
Concen: 0.038 ng/ul
RT: 17.364 min Scan# 3146
Delta R.T. -0.001 min
Lab File: BM036893.D
Acq: 08 Oct 2022 13:19

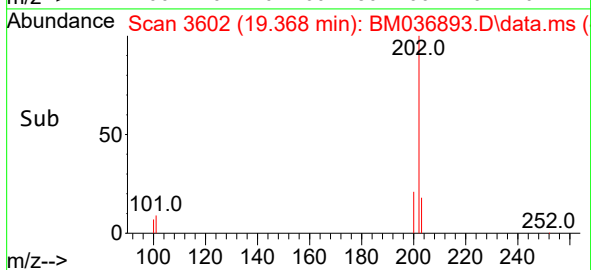
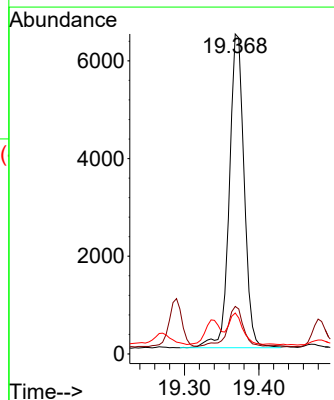
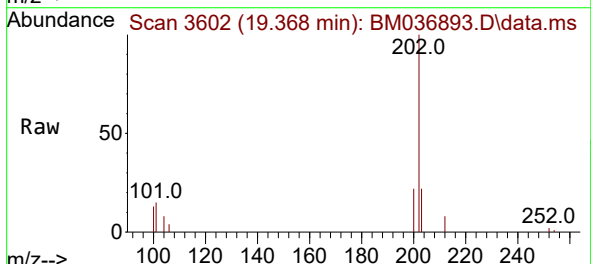
Instrument :
BNA_M
ClientSampleId :
EXZ59

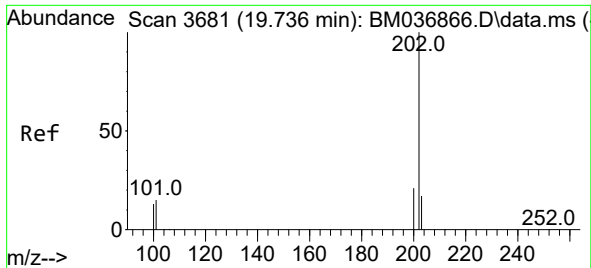
Tgt Ion:178 Resp: 4001
Ion Ratio Lower Upper
178 100
179 20.9 13.0 19.6#
176 21.6 15.6 23.4



#19
Fluoranthene
Concen: 0.097 ng/ul
RT: 19.368 min Scan# 3602
Delta R.T. -0.005 min
Lab File: BM036893.D
Acq: 08 Oct 2022 13:19

Tgt Ion:202 Resp: 8897
Ion Ratio Lower Upper
202 100
101 14.9 10.1 15.1
100 12.8 7.9 11.9#

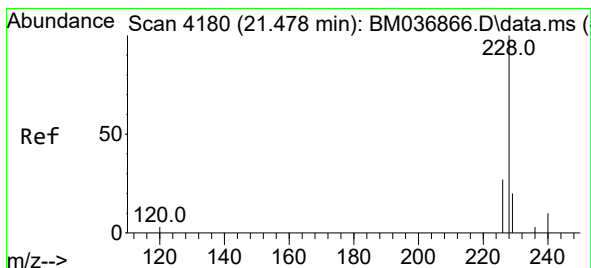
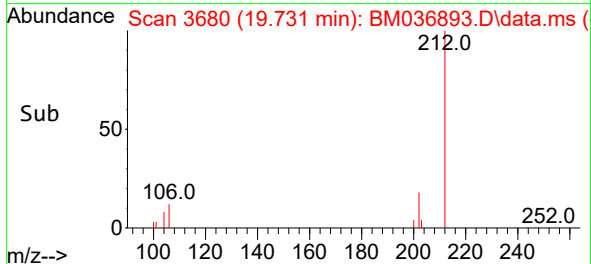
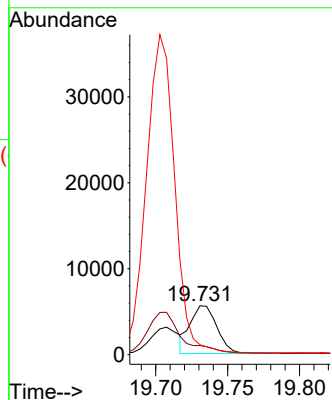
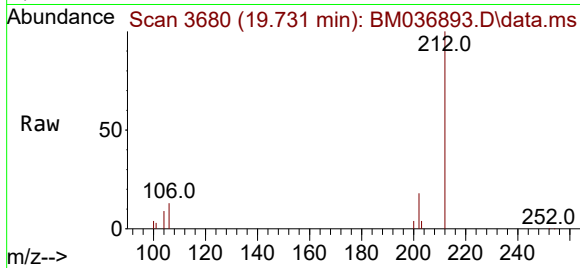




#20
Pyrene
Concen: 0.074 ng/ul
RT: 19.731 min Scan# 3680
Delta R.T. -0.001 min
Lab File: BM036893.D
Acq: 08 Oct 2022 13:19

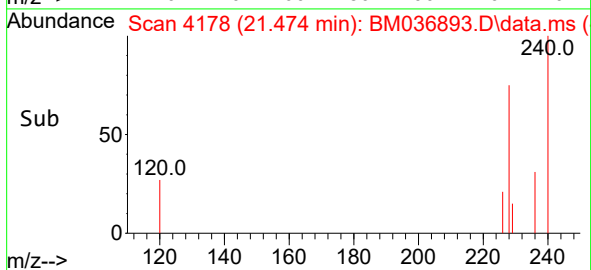
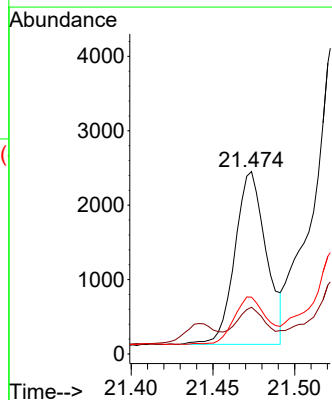
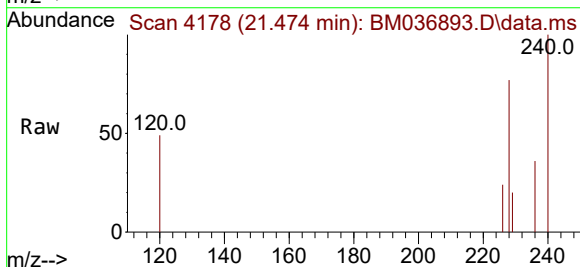
Instrument :
BNA_M
ClientSampleId :
EXZ59

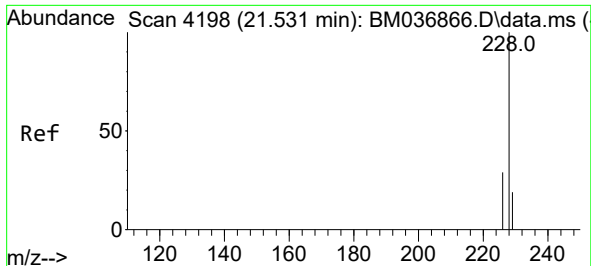
Tgt Ion:202 Resp: 7157
Ion Ratio Lower Upper
202 100
101 18.5 12.0 18.0#
100 20.4 9.8 14.6#



#21
Benzo(a)anthracene
Concen: 0.037 ng/ul
RT: 21.474 min Scan# 4178
Delta R.T. 0.001 min
Lab File: BM036893.D
Acq: 08 Oct 2022 13:19

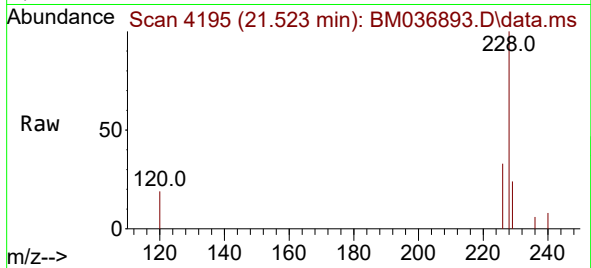
Tgt Ion:228 Resp: 3105
Ion Ratio Lower Upper
228 100
229 25.6 16.2 24.2#
226 31.2 22.5 33.7



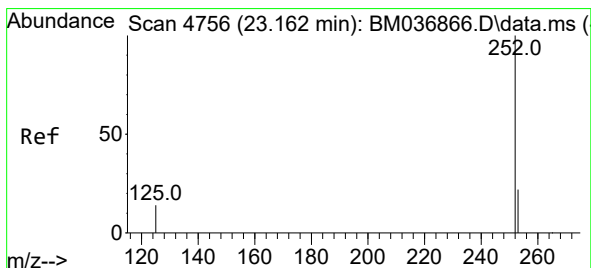
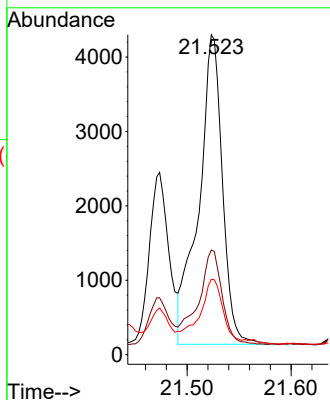
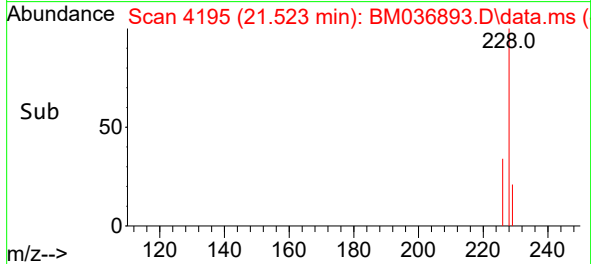


#22
Chrysene
Concen: 0.073 ng/ul
RT: 21.523 min Scan# 4195
Delta R.T. -0.002 min
Lab File: BM036893.D
Acq: 08 Oct 2022 13:19

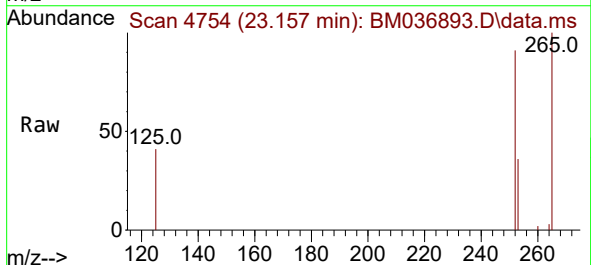
Instrument :
BNA_M
ClientSampleId :
EXZ59



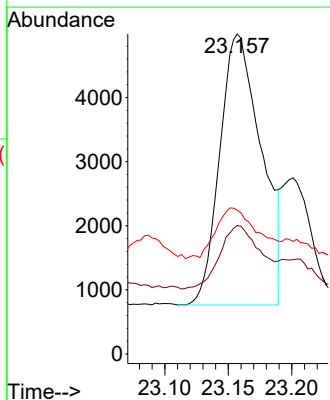
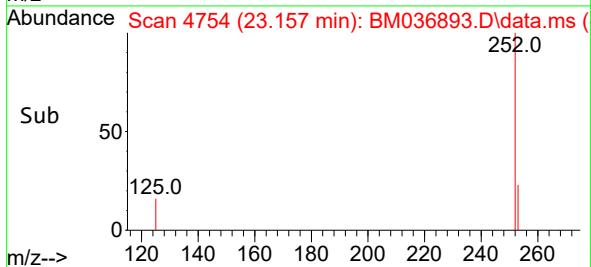
Tgt Ion:	228	Resp:	6584
Ion Ratio	Lower	Upper	
228	100		
226	32.7	24.6	37.0
229	23.5	16.4	24.6

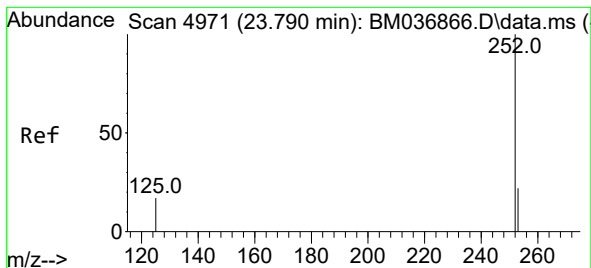


#24
Benzo(b)fluoranthene
Concen: 0.116 ng/ul
RT: 23.157 min Scan# 4754
Delta R.T. 0.001 min
Lab File: BM036893.D
Acq: 08 Oct 2022 13:19



Tgt Ion:	252	Resp:	9641
Ion Ratio	Lower	Upper	
252	100		
253	40.1	0.0	61.4
125	44.9	0.0	42.6





#26

Benzo(a)pyrene

Concen: 0.055 ng/ul

RT: 23.783 min Scan# 4971

Delta R.T. 0.001 min

Lab File: BM036893.D

Acq: 08 Oct 2022 13:19

Instrument :

BNA_M

ClientSampleId :

EXZ59

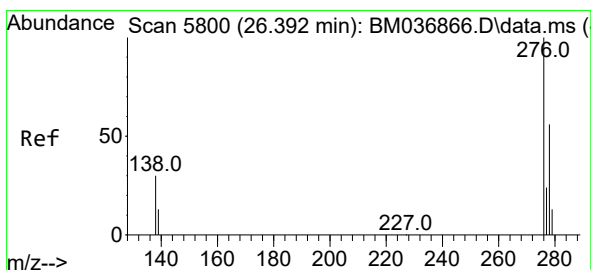
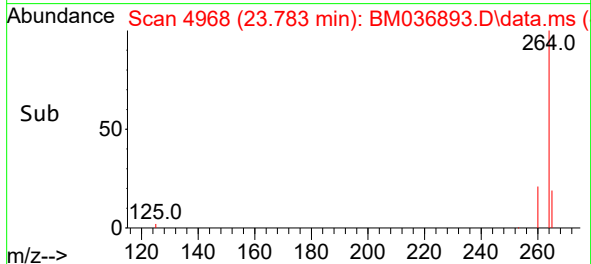
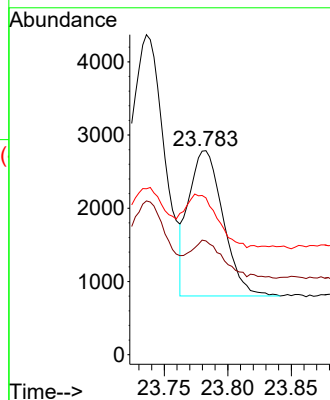
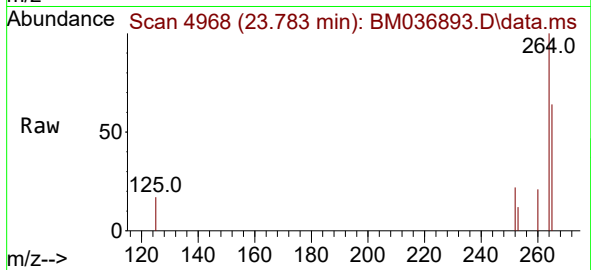
Tgt Ion:252 Resp: 3724

Ion Ratio Lower Upper

252 100

253 55.8 29.7 44.5#

125 76.8 23.6 35.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.038 ng/ul

RT: 26.377 min Scan# 5795

Delta R.T. -0.006 min

Lab File: BM036893.D

Acq: 08 Oct 2022 13:19

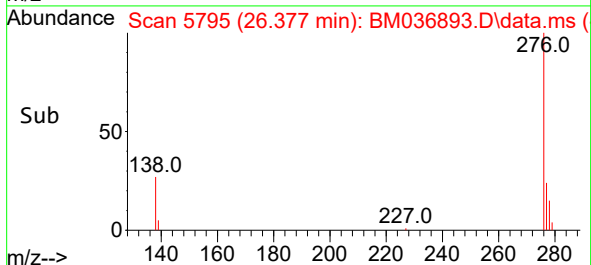
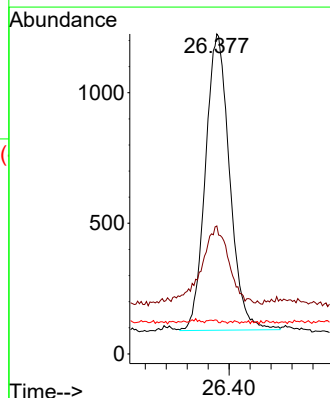
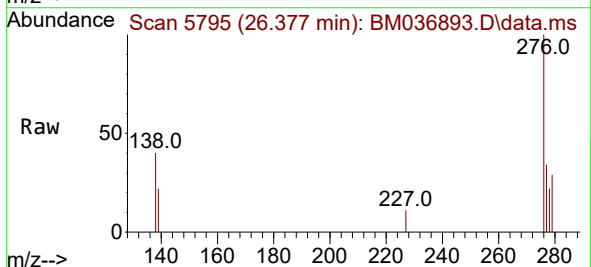
Tgt Ion:276 Resp: 3628

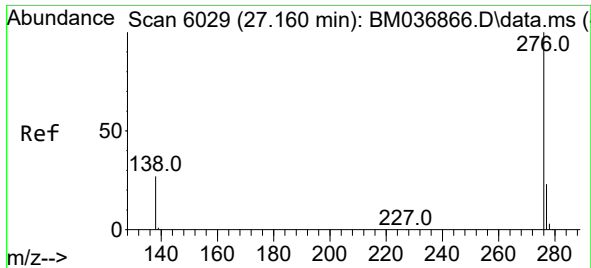
Ion Ratio Lower Upper

276 100

138 28.9 23.9 35.9

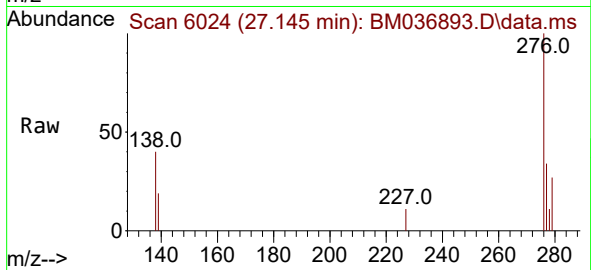
227 0.5 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.046 ng/ul
 RT: 27.145 min Scan# 60
 Delta R.T. -0.002 min
 Lab File: BM036893.D
 Acq: 08 Oct 2022 13:19

Instrument :
 BNA_M
 ClientSampleId :
 EXZ59



Tgt Ion:276 Resp: 3826
 Ion Ratio Lower Upper
 276 100
 138 40.3 23.4 35.0#
 277 33.5 21.0 31.4#

