

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042656.D
 Acq On : 08 Nov 2023 19:11
 Operator : MA/JU
 Sample : 04948-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 08 22:55:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM110623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:23:03 2023
 Response via : Initial Calibration

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

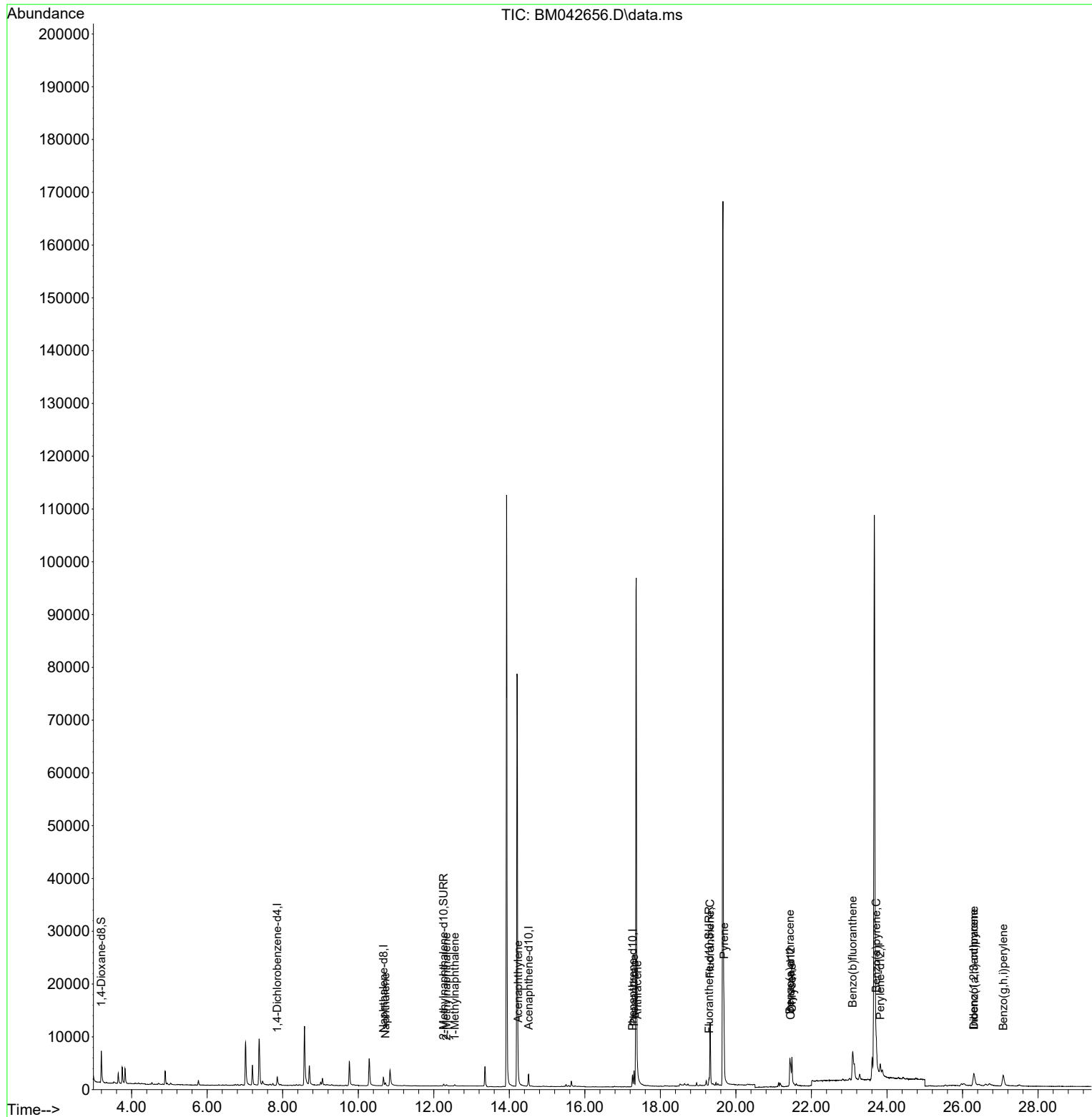
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	950	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.666	136	2220	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.510	164	1267	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.262	188	2776	0.400	ng/ul	0.00
17) Chrysene-d12	21.447	240	2354	0.400	ng/ul	0.00
23) Perylene-d12	23.823	264	3455	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	3470	2.764	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.261	152	561	0.181	ng/ul	-0.01
18) Fluoranthene-d10	19.289	212	1472	0.181	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.721	128	798	0.111	ng/ul#	87
7) 2-Methylnaphthalene	12.332	142	251	0.055	ng/ul	92
8) 1-Methylnaphthalene	12.552	142	197	0.042	ng/ul	97
10) Acenaphthylene	14.237	152	1194	0.138	ng/ul#	90
15) Phenanthrene	17.300	178	3324	0.309	ng/ul	99
16) Anthracene	17.393	178	712	0.073	ng/ul#	79
19) Fluoranthene	19.317	202	10914	0.742	ng/ul	99
20) Pyrene	19.684	202	11044	0.683	ng/ul	98
21) Benzo(a)anthracene	21.430	228	5868	0.560	ng/ul	97
22) Chrysene	21.482	228	5458	0.504	ng/ul	96
24) Benzo(b)fluoranthene	23.093	252	9783	0.701	ng/ul	92
26) Benzo(a)pyrene	23.715	252	5854	0.405	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.299	276	5534	0.295	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.306	278	1126	0.084	ng/ul#	59
29) Benzo(g,h,i)perylene	27.077	276	5325	0.305	ng/ul	98

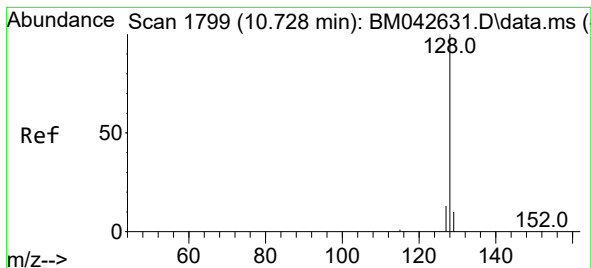
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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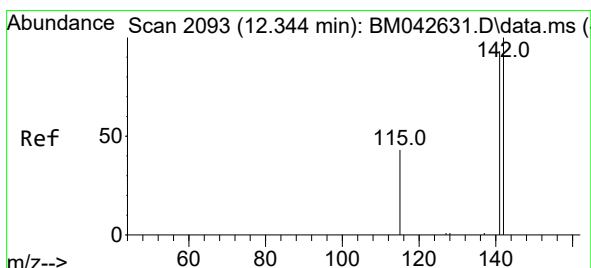
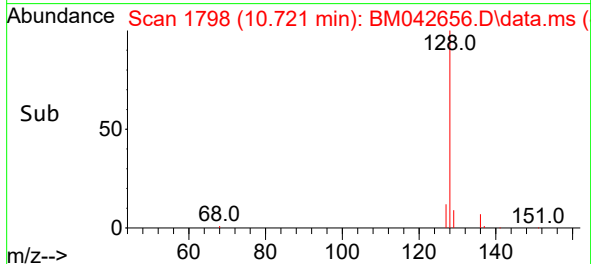
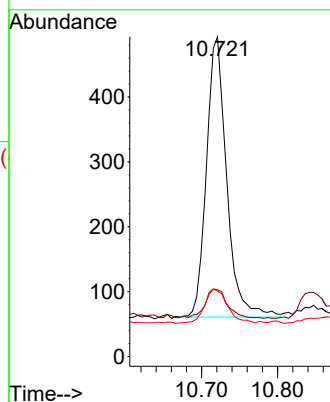
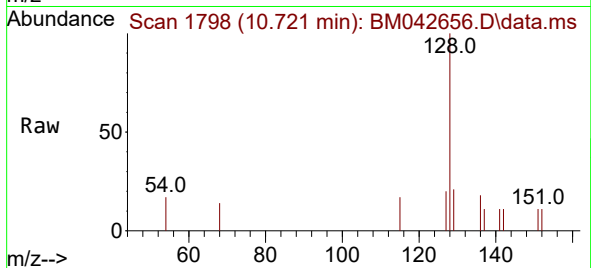




#5
Naphthalene
Concen: 0.111 ng/ul
RT: 10.721 min Scan# 1799
Delta R.T. -0.014 min
Lab File: BM042656.D
Acq: 08 Nov 2023 19:11

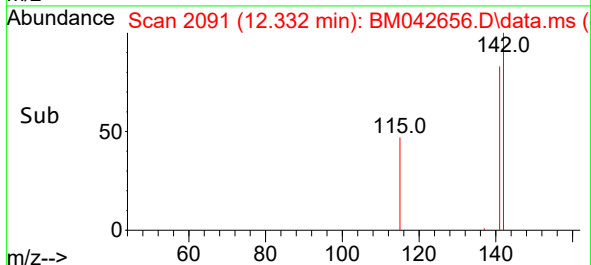
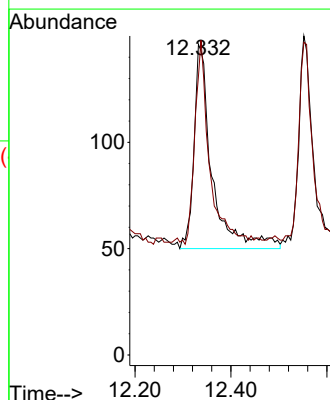
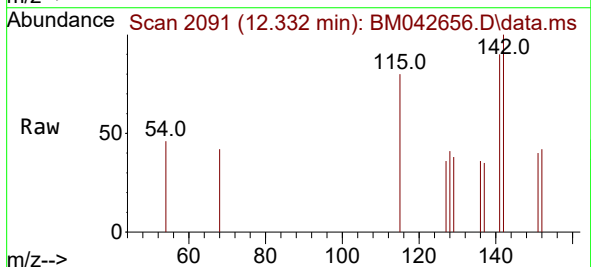
Instrument :
BNA_M
ClientSampleId :

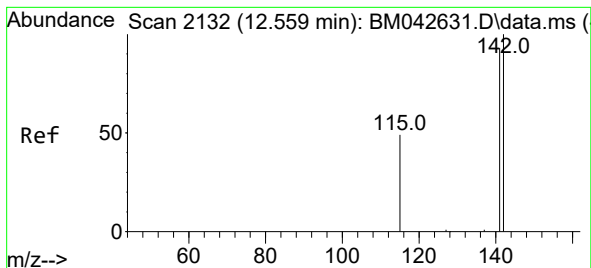
Tgt Ion:128 Resp: 798
Ion Ratio Lower Upper
128 100
129 20.9 11.3 16.9#
127 20.5 13.0 19.4#



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.332 min Scan# 2091
Delta R.T. -0.014 min
Lab File: BM042656.D
Acq: 08 Nov 2023 19:11

Tgt Ion:142 Resp: 251
Ion Ratio Lower Upper
142 100
141 82.5 71.7 107.5





#8

1-Methylnaphthalene

Concen: 0.042 ng/ul

RT: 12.552 min Scan# 2131

Delta R.T. -0.014 min

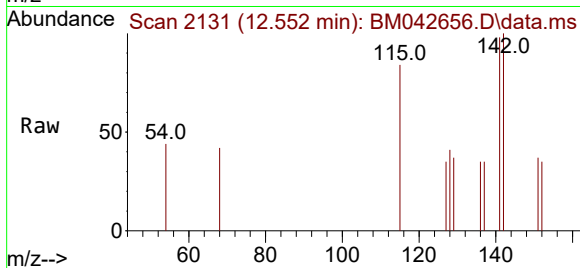
Lab File: BM042656.D

Acq: 08 Nov 2023 19:11

Instrument :

BNA_M

ClientSampleId :

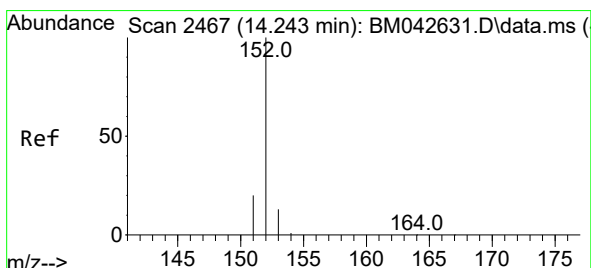
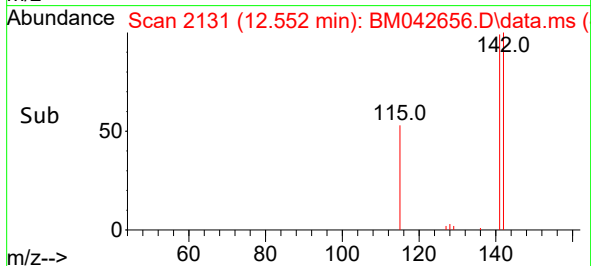
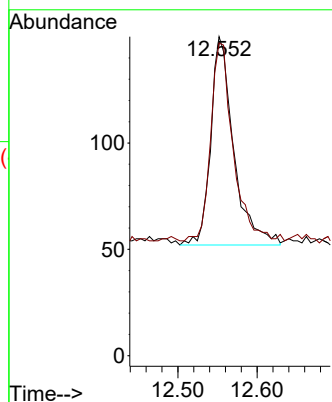


Tgt Ion:142 Resp: 197

Ion Ratio Lower Upper

142 100

141 91.9 75.4 113.2



#10

Acenaphthylene

Concen: 0.138 ng/ul

RT: 14.237 min Scan# 2466

Delta R.T. -0.008 min

Lab File: BM042656.D

Acq: 08 Nov 2023 19:11

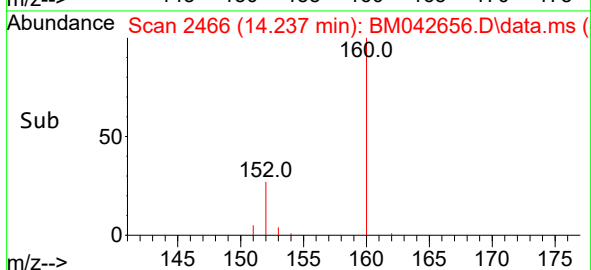
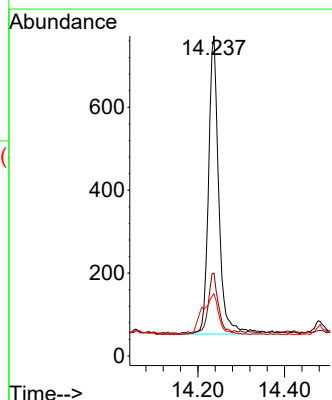
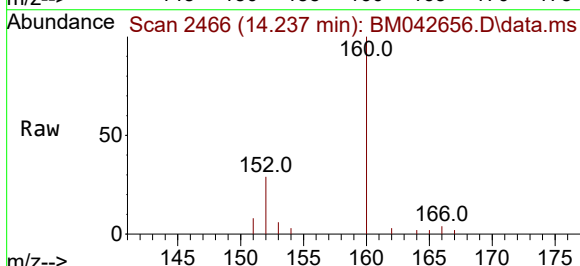
Tgt Ion:152 Resp: 1194

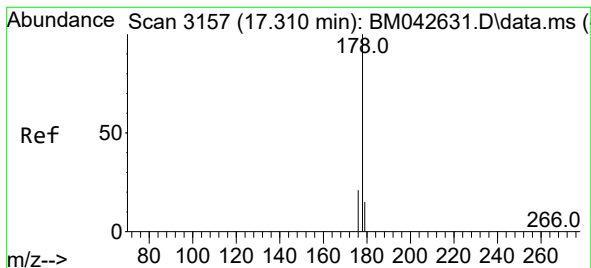
Ion Ratio Lower Upper

152 100

151 25.9 17.2 25.8#

153 19.4 11.8 17.8#





#15

Phenanthrene

Concen: 0.309 ng/ul

RT: 17.300 min Scan# 3157

Delta R.T. -0.011 min

Lab File: BM042656.D

Acq: 08 Nov 2023 19:11

Instrument :

BNA_M

ClientSampleId :

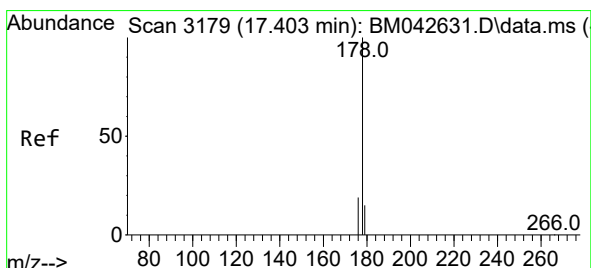
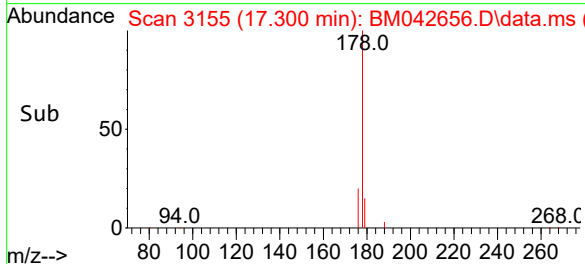
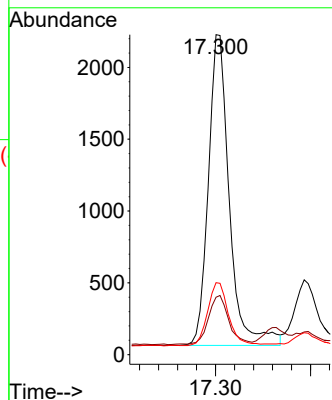
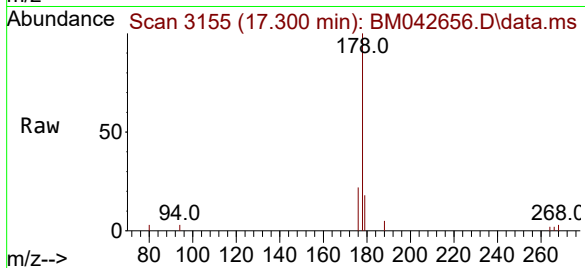
Tgt Ion:178 Resp: 3324

Ion Ratio Lower Upper

178 100

179 18.0 13.7 20.5

176 22.5 18.2 27.2



#16

Anthracene

Concen: 0.073 ng/ul

RT: 17.393 min Scan# 3177

Delta R.T. -0.016 min

Lab File: BM042656.D

Acq: 08 Nov 2023 19:11

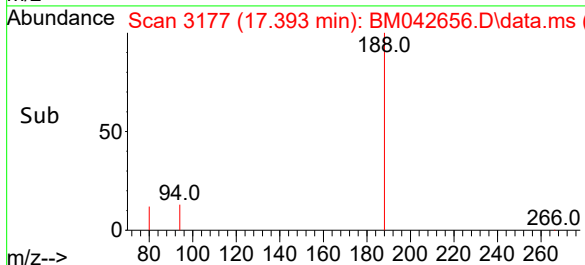
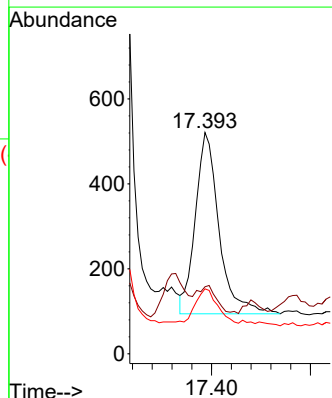
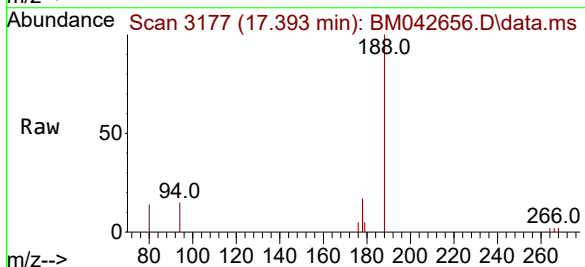
Tgt Ion:178 Resp: 712

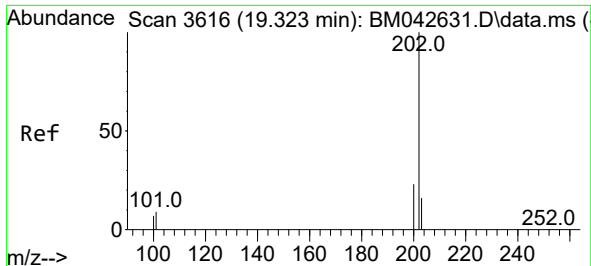
Ion Ratio Lower Upper

178 100

179 30.3 14.2 21.4#

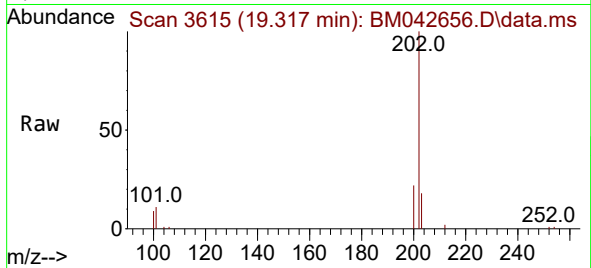
176 29.4 17.6 26.4#



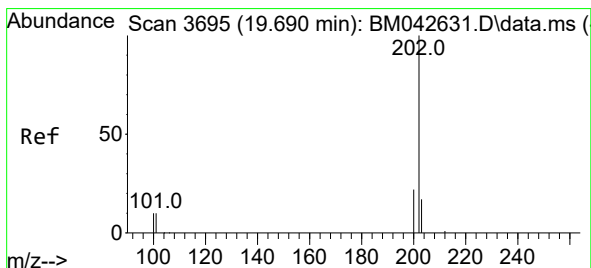
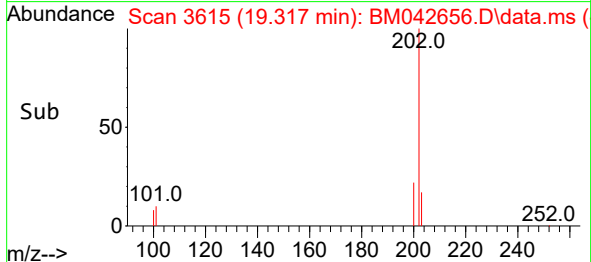
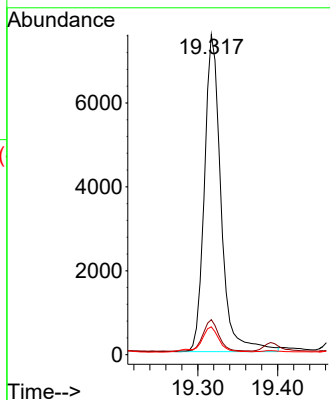


#19
Fluoranthene
Concen: 0.742 ng/ul
RT: 19.317 min Scan# 3615
Delta R.T. -0.012 min
Lab File: BM042656.D
Acq: 08 Nov 2023 19:11

Instrument :
BNA_M
ClientSampleId :

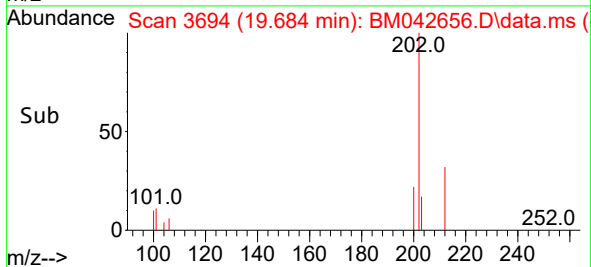
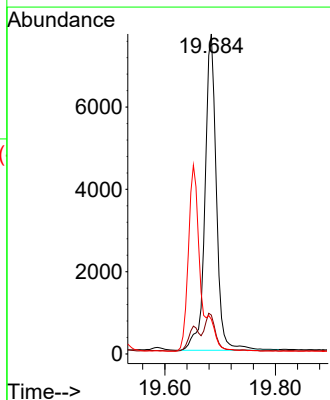
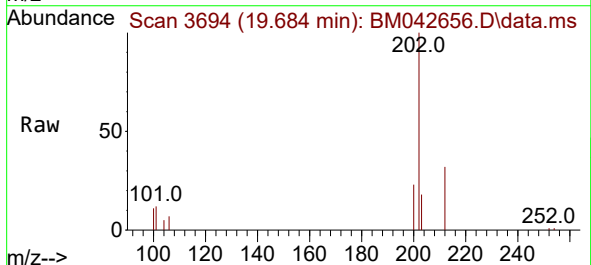


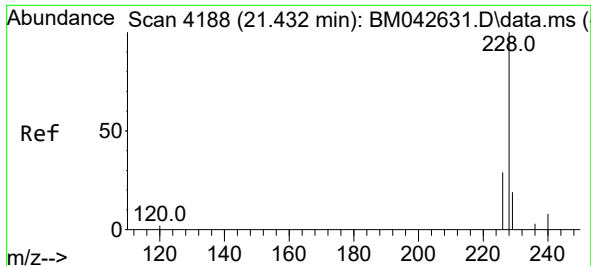
Tgt Ion:202 Resp: 10914
Ion Ratio Lower Upper
202 100
101 11.0 9.0 13.6
100 8.7 7.3 10.9



#20
Pyrene
Concen: 0.683 ng/ul
RT: 19.684 min Scan# 3694
Delta R.T. -0.012 min
Lab File: BM042656.D
Acq: 08 Nov 2023 19:11

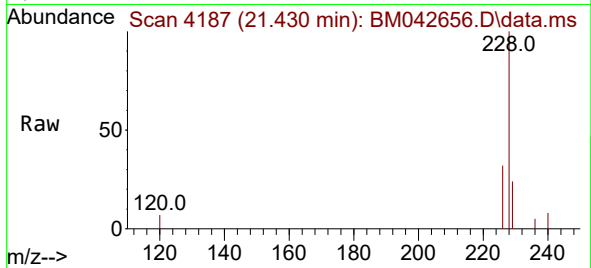
Tgt Ion:202 Resp: 11044
Ion Ratio Lower Upper
202 100
101 12.2 10.6 16.0
100 10.9 8.6 13.0



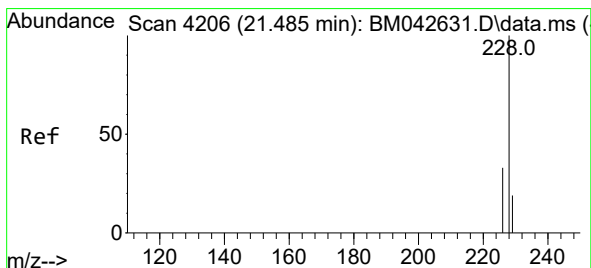
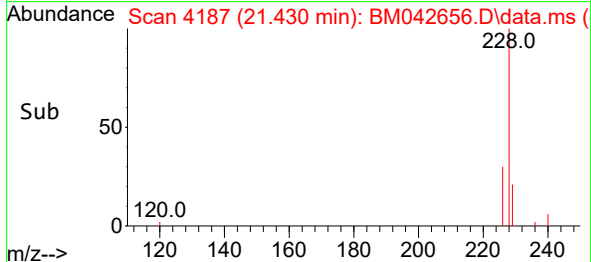
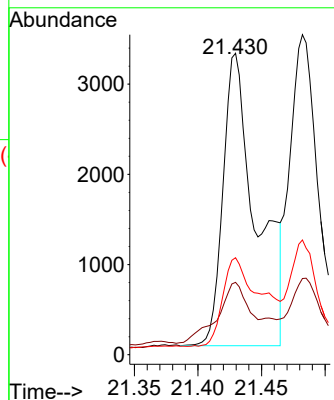


#21
Benzo(a)anthracene
Concen: 0.560 ng/ul
RT: 21.430 min Scan# 4188
Delta R.T. -0.007 min
Lab File: BM042656.D
Acq: 08 Nov 2023 19:11

Instrument :
BNA_M
ClientSampleId :

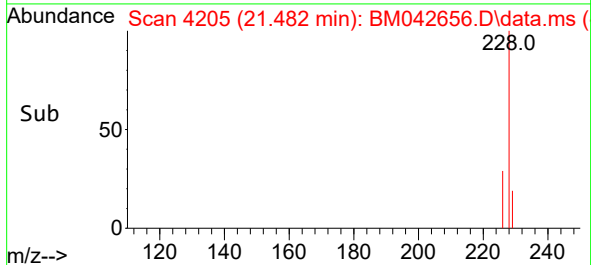
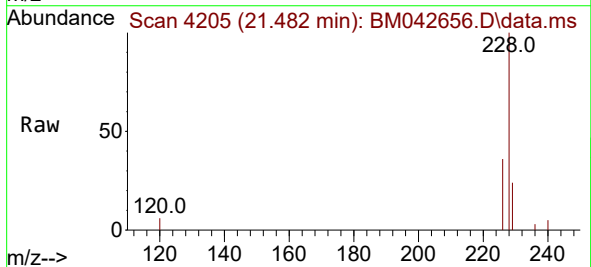
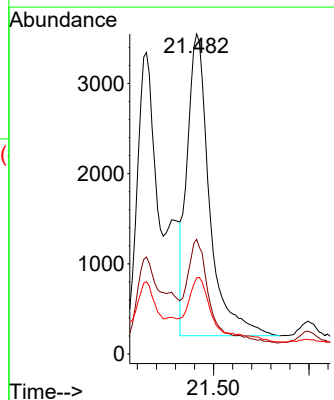


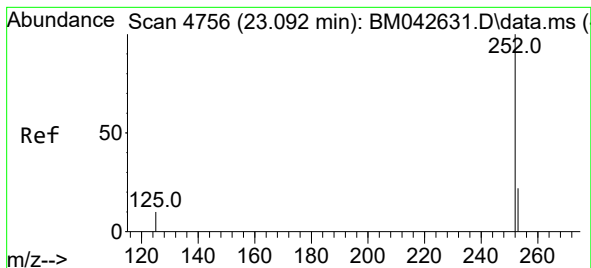
Tgt Ion:228 Resp: 5868
Ion Ratio Lower Upper
228 100
229 24.0 17.0 25.4
226 32.2 25.2 37.8



#22
Chrysene
Concen: 0.504 ng/ul
RT: 21.482 min Scan# 4205
Delta R.T. -0.010 min
Lab File: BM042656.D
Acq: 08 Nov 2023 19:11

Tgt Ion:228 Resp: 5458
Ion Ratio Lower Upper
228 100
226 35.8 27.4 41.0
229 23.8 17.0 25.6





#24

Benzo(b)fluoranthene

Concen: 0.701 ng/ul

RT: 23.093 min Scan# 41

Delta R.T. -0.007 min

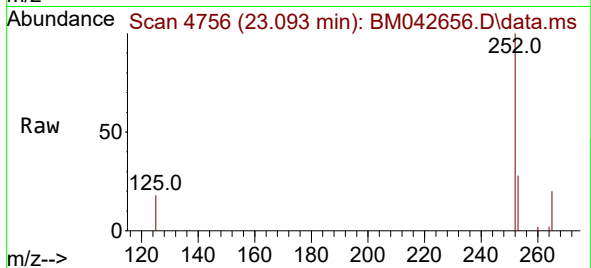
Lab File: BM042656.D

Acq: 08 Nov 2023 19:11

Instrument :

BNA_M

ClientSampleId :



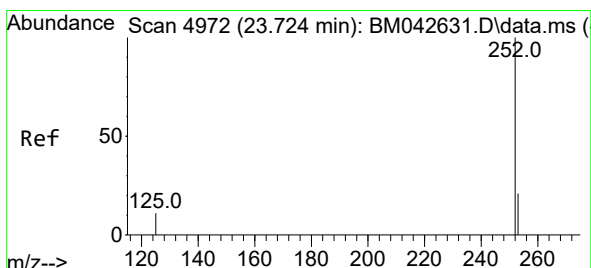
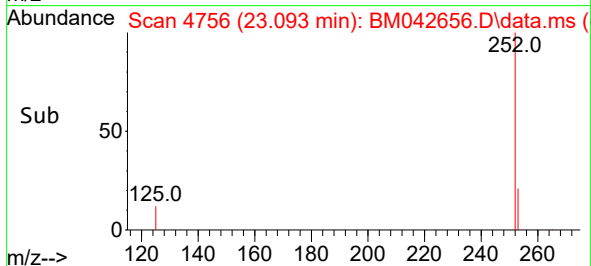
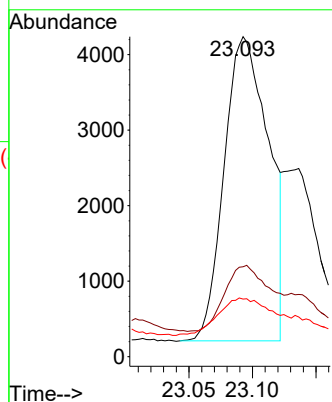
Tgt Ion:252 Resp: 9783

Ion Ratio Lower Upper

252 100

253 28.1 0.0 65.8

125 18.0 0.0 43.6



#26

Benzo(a)pyrene

Concen: 0.405 ng/ul

RT: 23.715 min Scan# 4969

Delta R.T. -0.019 min

Lab File: BM042656.D

Acq: 08 Nov 2023 19:11

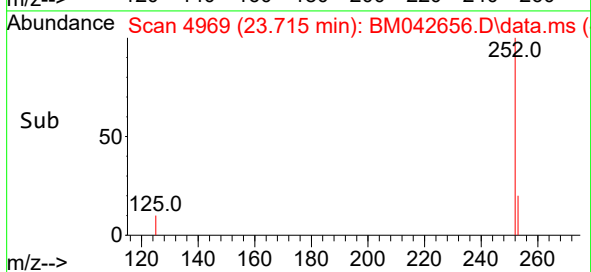
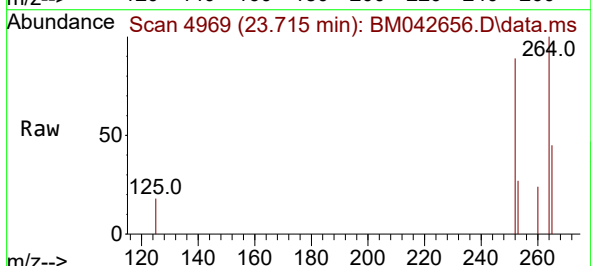
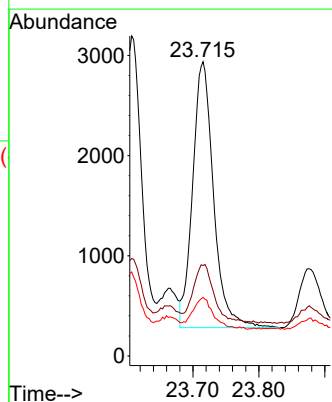
Tgt Ion:252 Resp: 5854

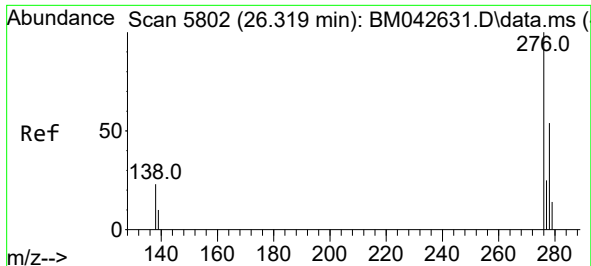
Ion Ratio Lower Upper

252 100

253 30.7 31.7 47.5#

125 19.9 22.1 33.1#

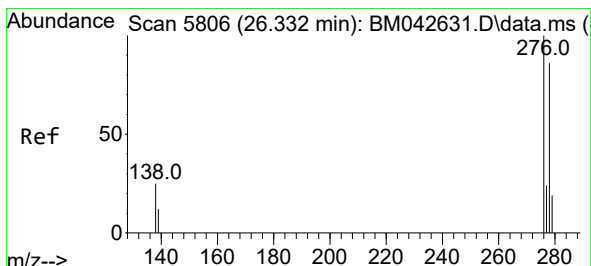
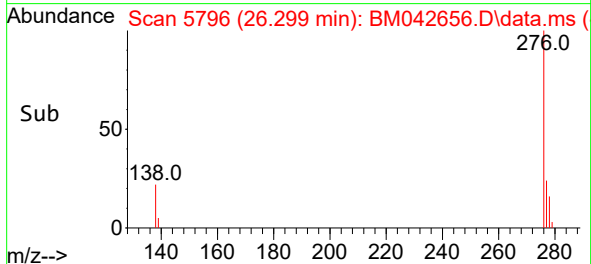
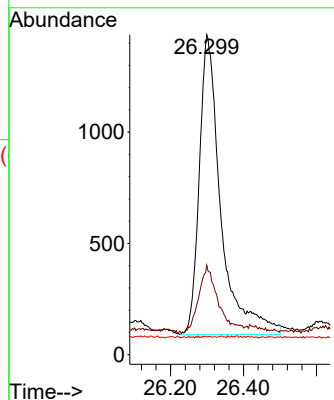
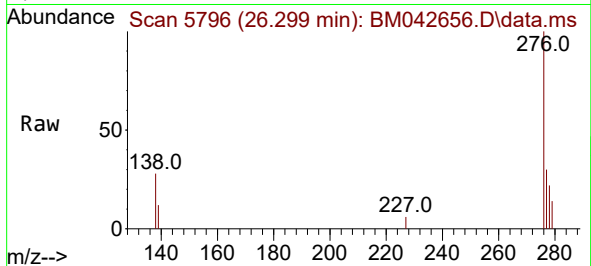




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.295 ng/ul
 RT: 26.299 min Scan# 51
 Delta R.T. -0.028 min
 Lab File: BM042656.D
 Acq: 08 Nov 2023 19:11

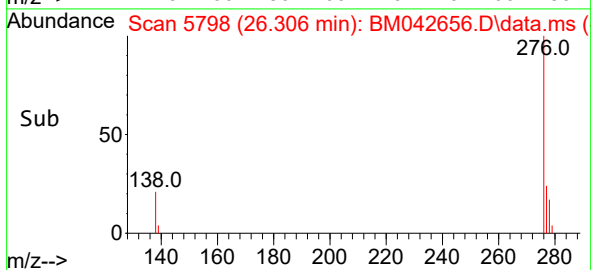
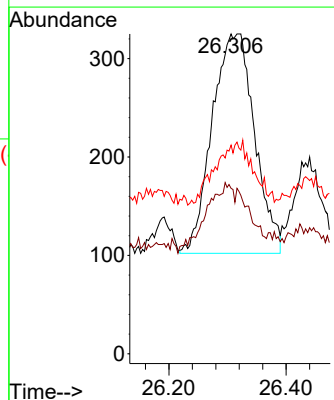
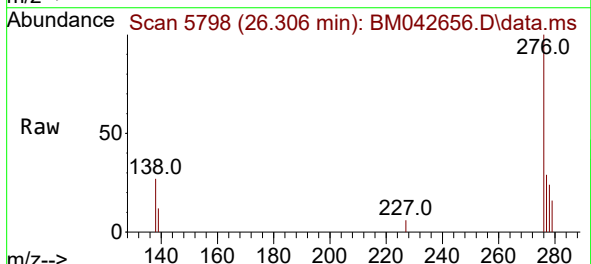
Instrument :
 BNA_M
 ClientSampleId :

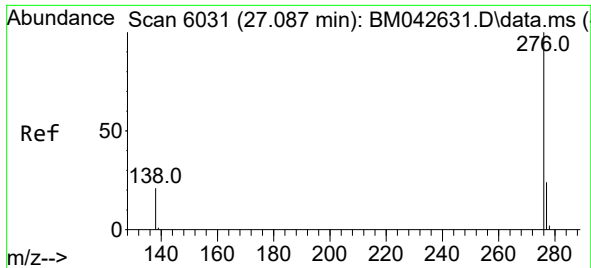
Tgt Ion:276 Resp: 5534
 Ion Ratio Lower Upper
 276 100
 138 20.7 20.7 31.1#
 227 0.1 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.084 ng/ul
 RT: 26.306 min Scan# 5798
 Delta R.T. -0.042 min
 Lab File: BM042656.D
 Acq: 08 Nov 2023 19:11

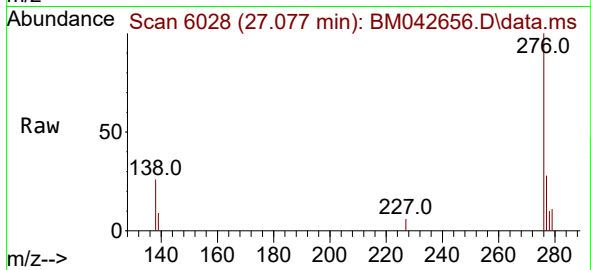
Tgt Ion:278 Resp: 1126
 Ion Ratio Lower Upper
 278 100
 139 51.7 24.3 36.5#
 279 65.2 31.5 47.3#





#29
Benzo(g,h,i)perylene
Concen: 0.305 ng/ul
RT: 27.077 min Scan# 60
Delta R.T. -0.028 min
Lab File: BM042656.D
Acq: 08 Nov 2023 19:11

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:	276	Resp:	5325
Ion Ratio	Lower	Upper	
276	100		
138	26.4	22.3	33.5
277	28.4	23.6	35.4

