

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042655.D
 Acq On : 08 Nov 2023 18:34
 Operator : MA/JU
 Sample : 04948-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ4

Quant Time: Nov 08 22:55:37 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)

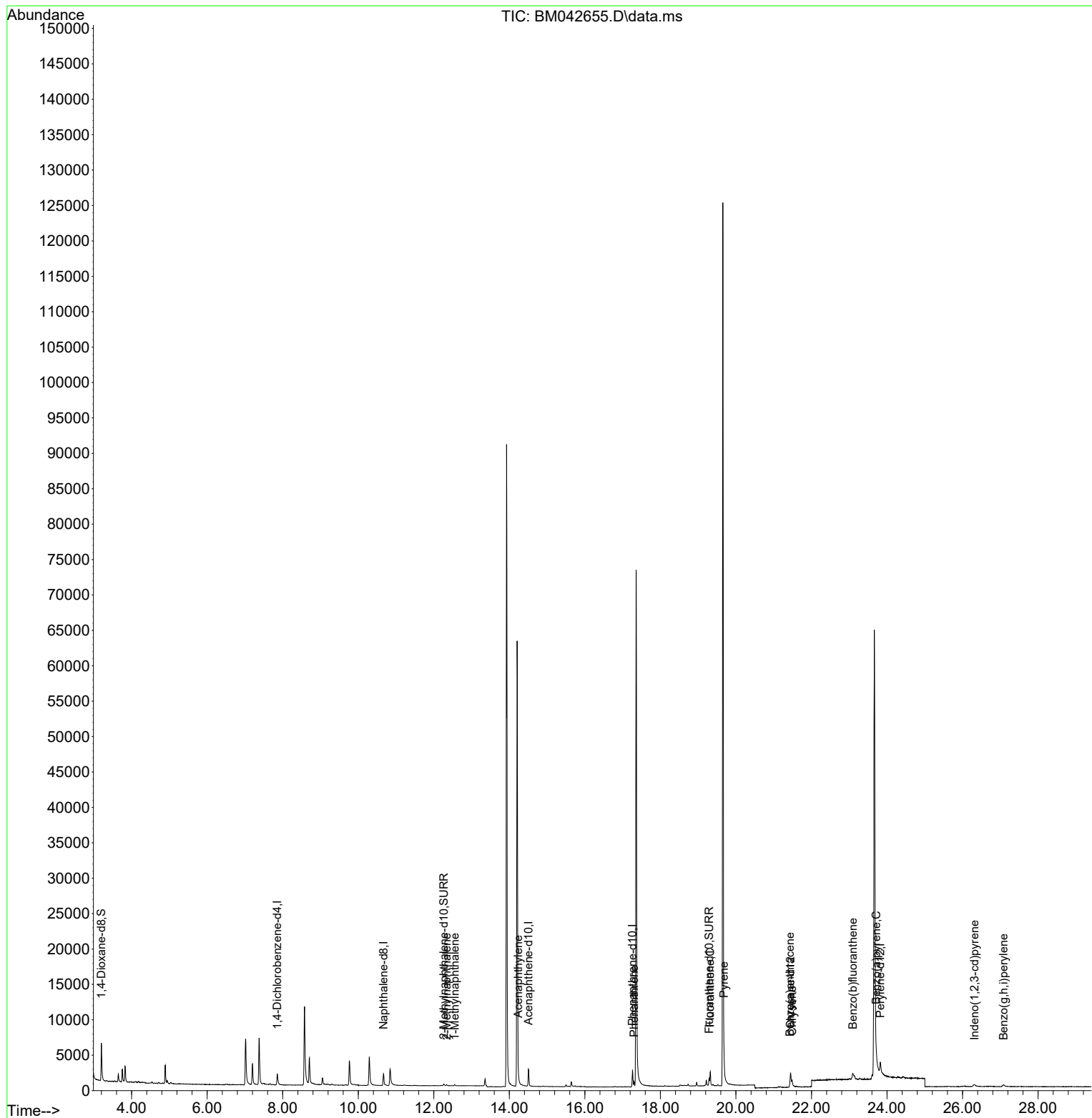
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	950	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.667	136	2340	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.507	164	1302	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	17.259	188	2821	0.400	ng/ul	-0.01
17) Chrysene-d12	21.446	240	2096	0.400	ng/ul	0.00
23) Perylene-d12	23.820	264	2775	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.197	96	3147	2.507	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.262	152	468	0.143	ng/ul	-0.01
18) Fluoranthene-d10	19.290	212	1143	0.158	ng/ul	0.00
Target Compounds						
					Qvalue	
7) 2-Methylnaphthalene	12.339	142	132	0.027	ng/ul	95
8) 1-Methylnaphthalene	12.553	142	125	0.025	ng/ul	97
10) Acenaphthylene	14.234	152	199	0.022	ng/ul#	39
15) Phenanthrene	17.302	178	728	0.067	ng/ul#	84
19) Fluoranthene	19.318	202	1889	0.144	ng/ul#	89
20) Pyrene	19.680	202	2088	0.145	ng/ul#	83
21) Benzo(a)anthracene	21.429	228	989	0.106	ng/ul#	83
22) Chrysene	21.484	228	957	0.099	ng/ul#	86
24) Benzo(b)fluoranthene	23.095	252	1433	0.128	ng/ul	61
26) Benzo(a)pyrene	23.715	252	912	0.079	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	26.315	276	763	0.051	ng/ul#	89
29) Benzo(g,h,i)perylene	27.087	276	735	0.052	ng/ul#	62

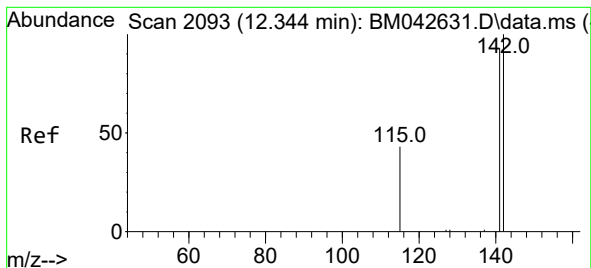
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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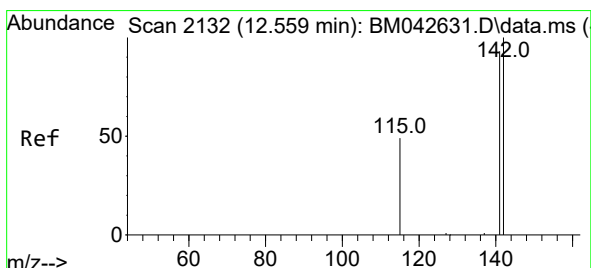
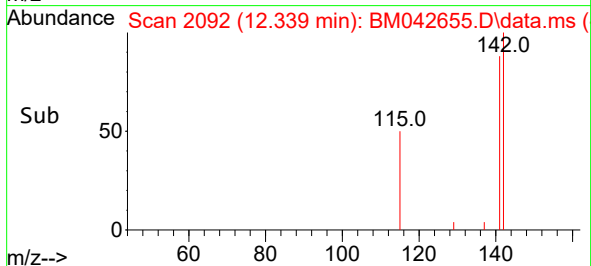
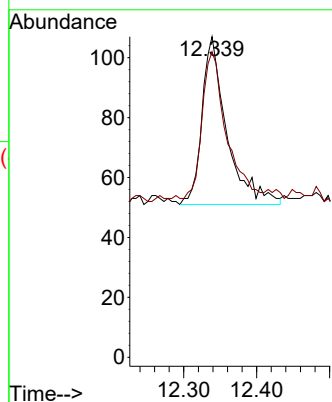
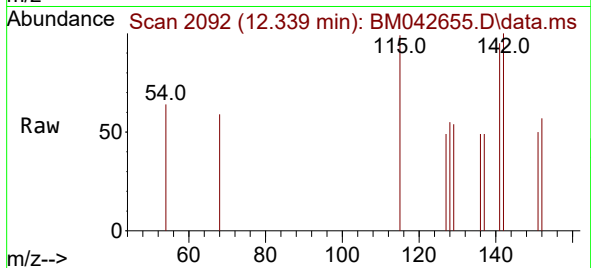




#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.339 min Scan# 2092
Delta R.T. -0.008 min
Lab File: BM042655.D
Acq: 08 Nov 2023 18:34

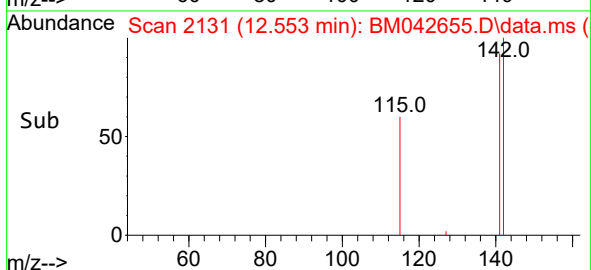
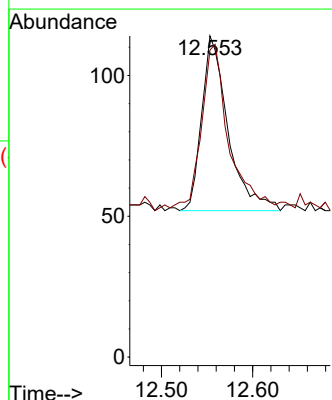
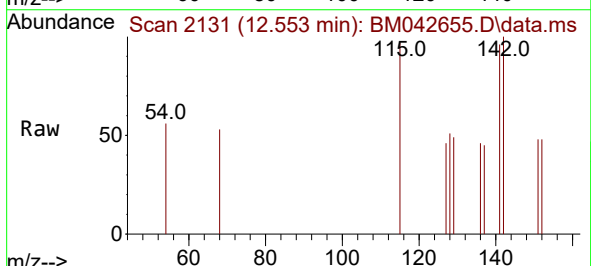
Instrument :
BNA_M
ClientSampleId :
C0AJ4

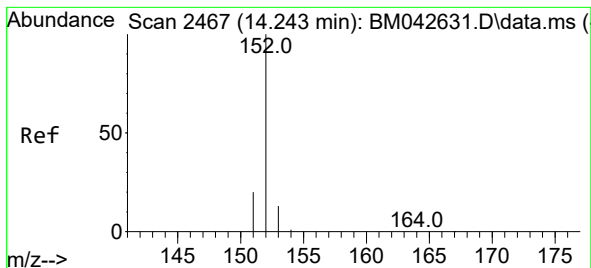
Tgt Ion:142 Resp: 132
Ion Ratio Lower Upper
142 100
141 84.8 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.553 min Scan# 2131
Delta R.T. -0.013 min
Lab File: BM042655.D
Acq: 08 Nov 2023 18:34

Tgt Ion:142 Resp: 125
Ion Ratio Lower Upper
142 100
141 96.8 75.4 113.2





#10

Acenaphthylene

Concen: 0.022 ng/ul

RT: 14.234 min Scan# 2465

Delta R.T. -0.012 min

Lab File: BM042655.D

Acq: 08 Nov 2023 18:34

Instrument :

BNA_M

ClientSampleId :

C0AJ4

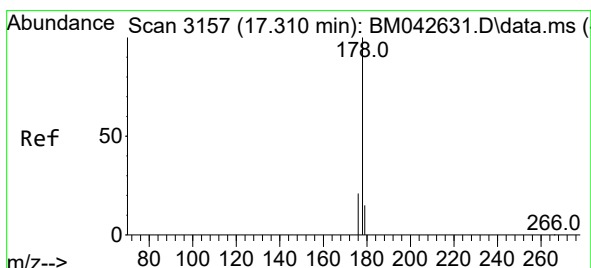
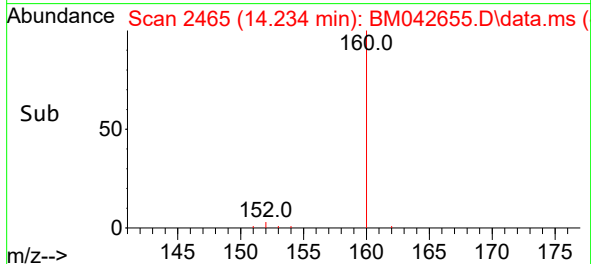
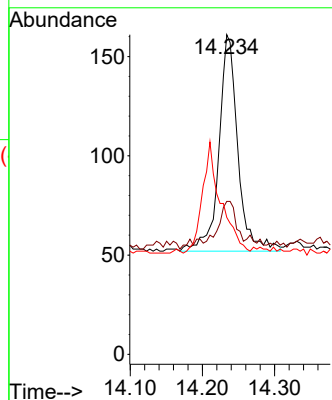
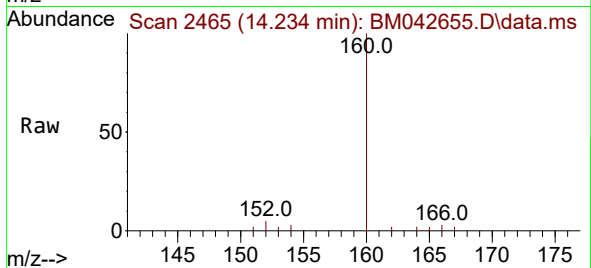
Tgt Ion:152 Resp: 199

Ion Ratio Lower Upper

152 100

151 47.8 17.2 25.8#

153 42.9 11.8 17.8#



#15

Phenanthrene

Concen: 0.067 ng/ul

RT: 17.302 min Scan# 3155

Delta R.T. -0.010 min

Lab File: BM042655.D

Acq: 08 Nov 2023 18:34

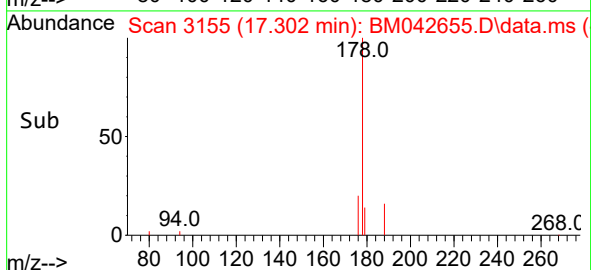
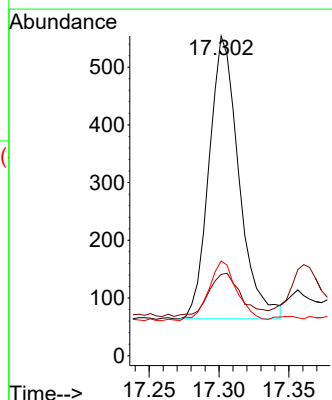
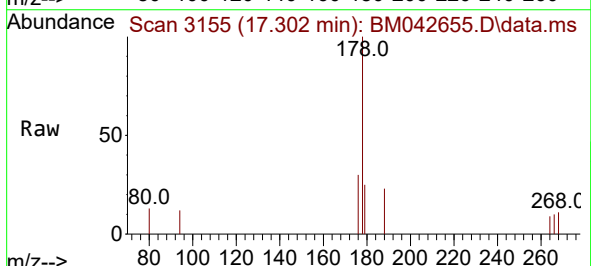
Tgt Ion:178 Resp: 728

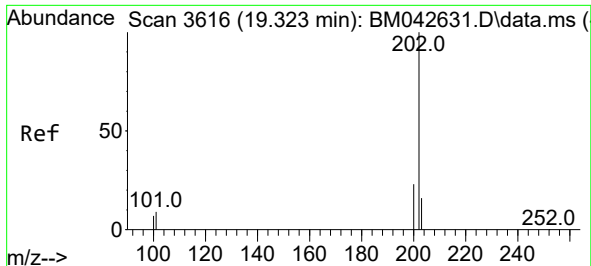
Ion Ratio Lower Upper

178 100

179 25.5 13.7 20.5#

176 29.6 18.2 27.2#

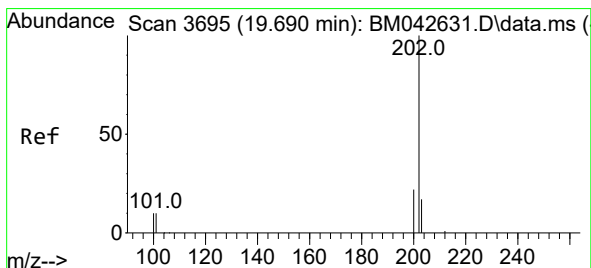
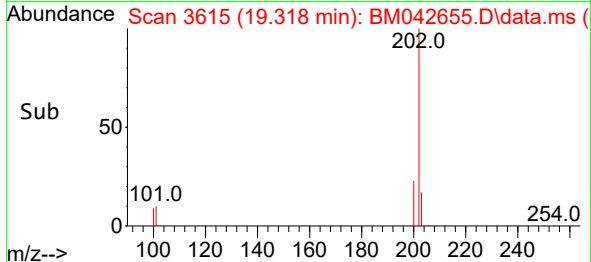
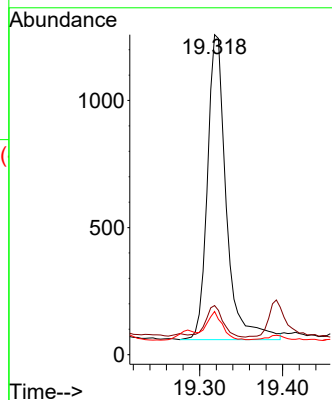
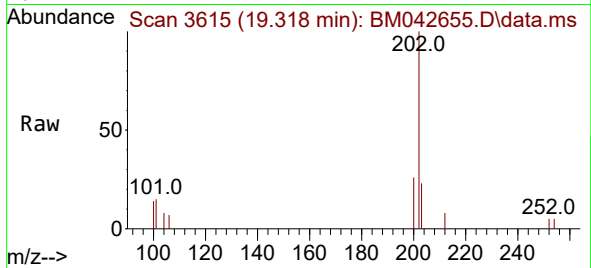




#19
Fluoranthene
Concen: 0.144 ng/ul
RT: 19.318 min Scan# 3615
Delta R.T. -0.011 min
Lab File: BM042655.D
Acq: 08 Nov 2023 18:34

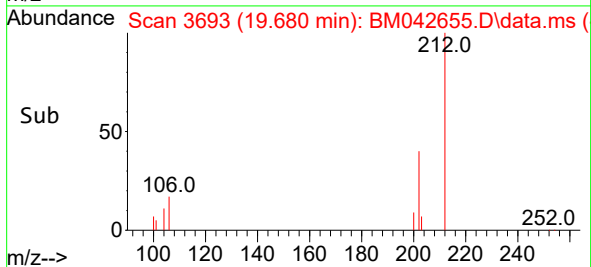
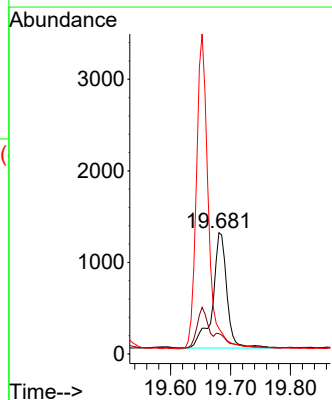
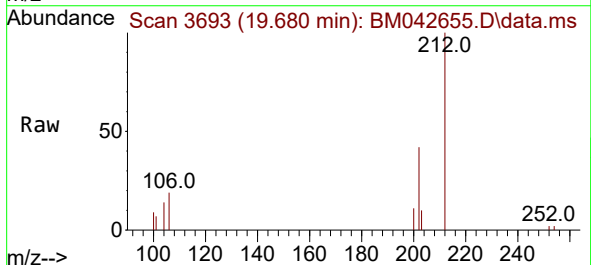
Instrument :
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ClientSampleId :
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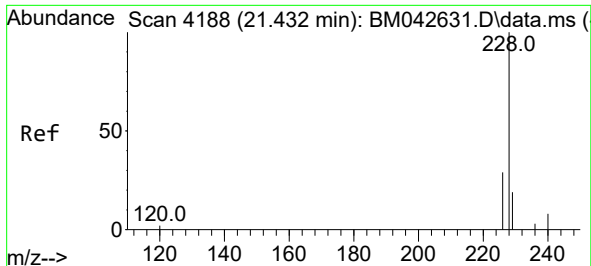
Tgt Ion:202 Resp: 1889
Ion Ratio Lower Upper
202 100
101 15.3 9.0 13.6#
100 13.5 7.3 10.9#



#20
Pyrene
Concen: 0.145 ng/ul
RT: 19.680 min Scan# 3693
Delta R.T. -0.016 min
Lab File: BM042655.D
Acq: 08 Nov 2023 18:34

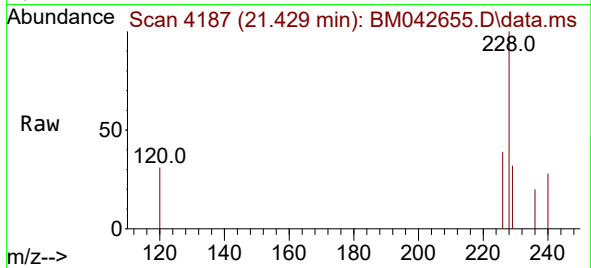
Tgt Ion:202 Resp: 2088
Ion Ratio Lower Upper
202 100
101 16.8 10.6 16.0#
100 20.9 8.6 13.0#



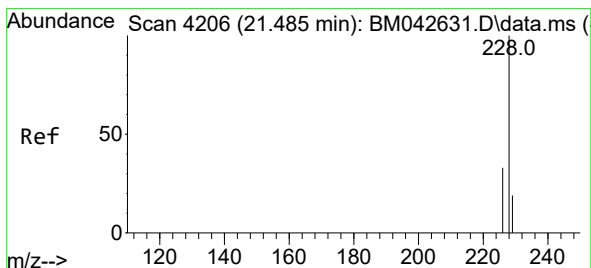
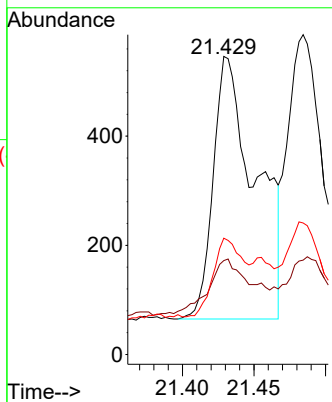
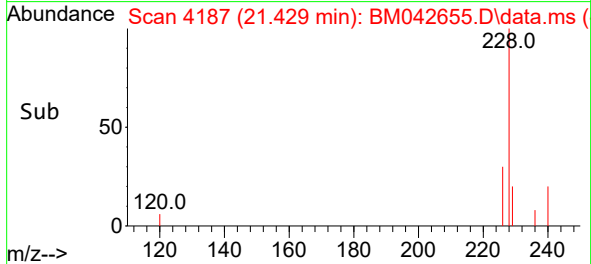


#21
Benzo(a)anthracene
Concen: 0.106 ng/ul
RT: 21.429 min Scan# 4187
Delta R.T. -0.008 min
Lab File: BM042655.D
Acq: 08 Nov 2023 18:34

Instrument :
BNA_M
ClientSampleId :
C0AJ4

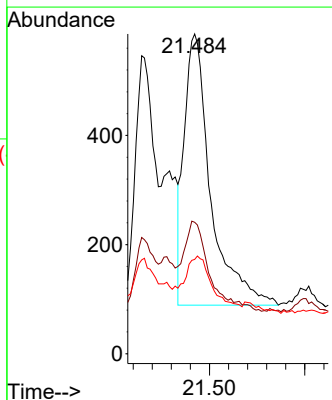
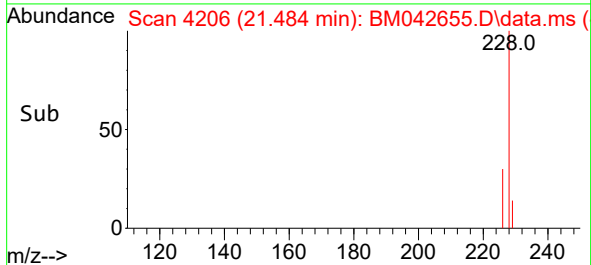
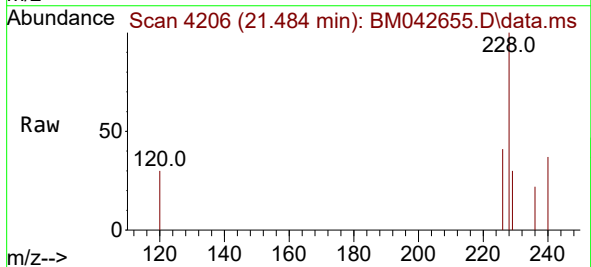


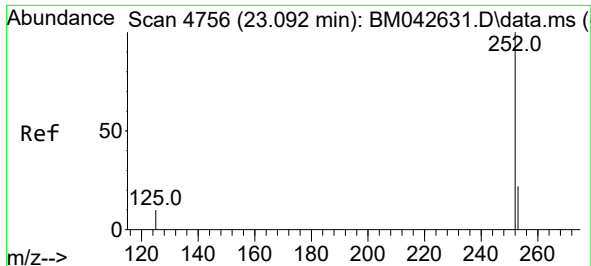
Tgt Ion:228 Resp: 989
Ion Ratio Lower Upper
228 100
229 31.5 17.0 25.4#
226 39.0 25.2 37.8#



#22
Chrysene
Concen: 0.099 ng/ul
RT: 21.484 min Scan# 4206
Delta R.T. -0.008 min
Lab File: BM042655.D
Acq: 08 Nov 2023 18:34

Tgt Ion:228 Resp: 957
Ion Ratio Lower Upper
228 100
226 41.1 27.4 41.0#
229 29.5 17.0 25.6#

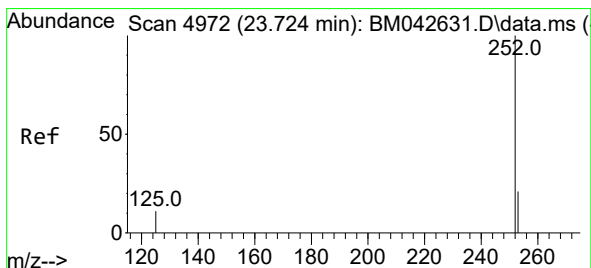
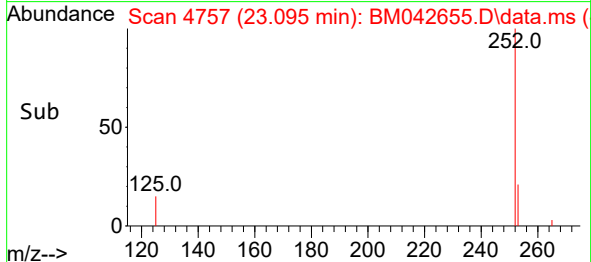
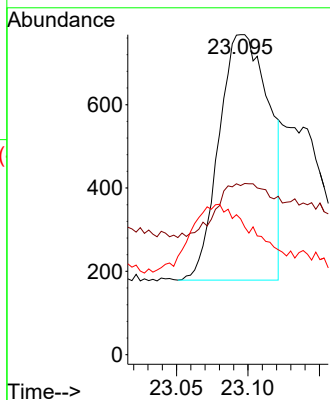
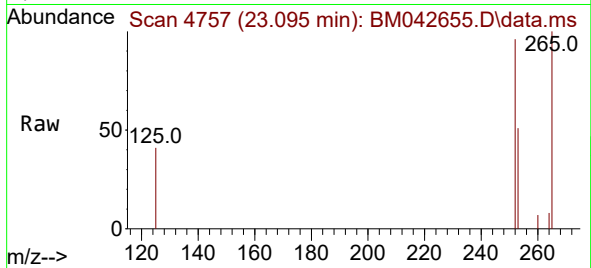




#24
Benzo(b)fluoranthene
Concen: 0.128 ng/ul
RT: 23.095 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM042655.D
Acq: 08 Nov 2023 18:34

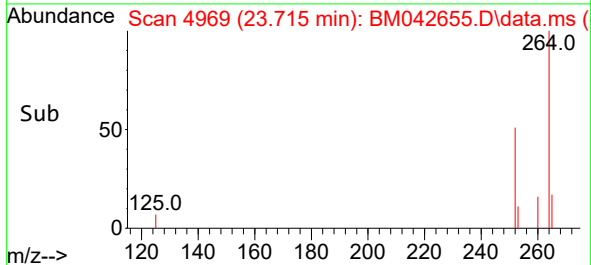
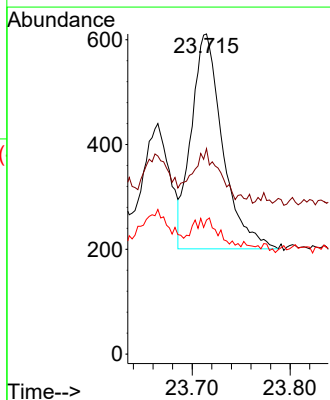
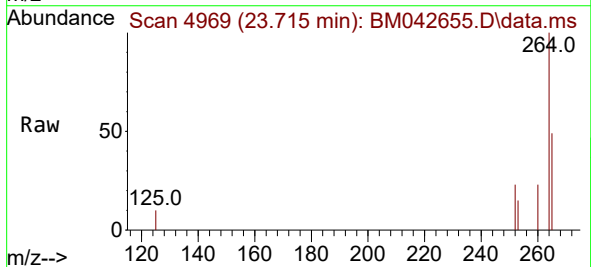
Instrument :
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ClientSampleId :
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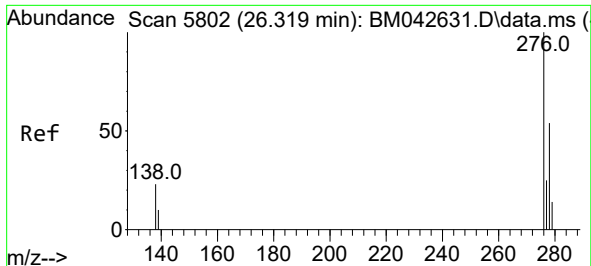
Tgt Ion:252 Resp: 1433
Ion Ratio Lower Upper
252 100
253 52.9 0.0 65.8
125 42.4 0.0 43.6



#26
Benzo(a)pyrene
Concen: 0.079 ng/ul
RT: 23.715 min Scan# 4969
Delta R.T. -0.019 min
Lab File: BM042655.D
Acq: 08 Nov 2023 18:34

Tgt Ion:252 Resp: 912
Ion Ratio Lower Upper
252 100
253 64.2 31.7 47.5#
125 41.9 22.1 33.1#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.051 ng/ul

RT: 26.315 min Scan# 5801

Delta R.T. -0.012 min

Lab File: BM042655.D

Acq: 08 Nov 2023 18:34

Instrument :

BNA_M

ClientSampleId :

C0AJ4

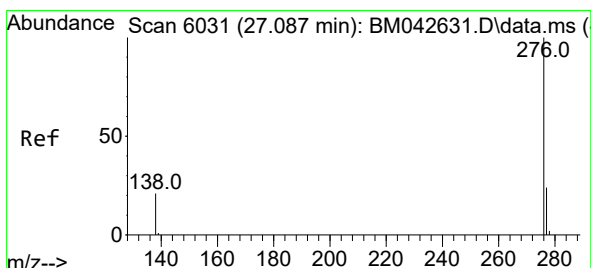
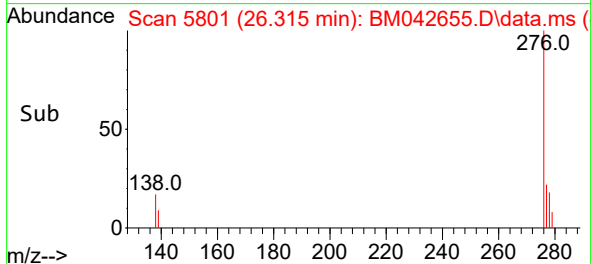
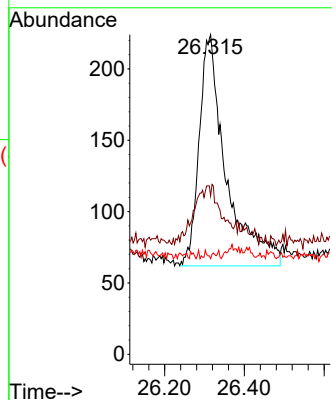
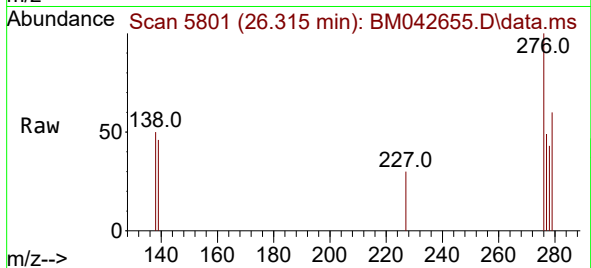
Tgt Ion:276 Resp: 763

Ion Ratio Lower Upper

276 100

138 20.3 20.7 31.1#

227 0.3 0.1 0.1#



#29

Benzo(g,h,i)perylene

Concen: 0.052 ng/ul

RT: 27.087 min Scan# 6031

Delta R.T. -0.019 min

Lab File: BM042655.D

Acq: 08 Nov 2023 18:34

Tgt Ion:276 Resp: 735

Ion Ratio Lower Upper

276 100

138 50.4 22.3 33.5#

277 47.9 23.6 35.4#

