

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110723\
 Data File : BM042646.D
 Acq On : 08 Nov 2023 13:10
 Operator : MA/JU
 Sample : PB156695BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS695

Quant Time: Nov 08 22:54:22 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)

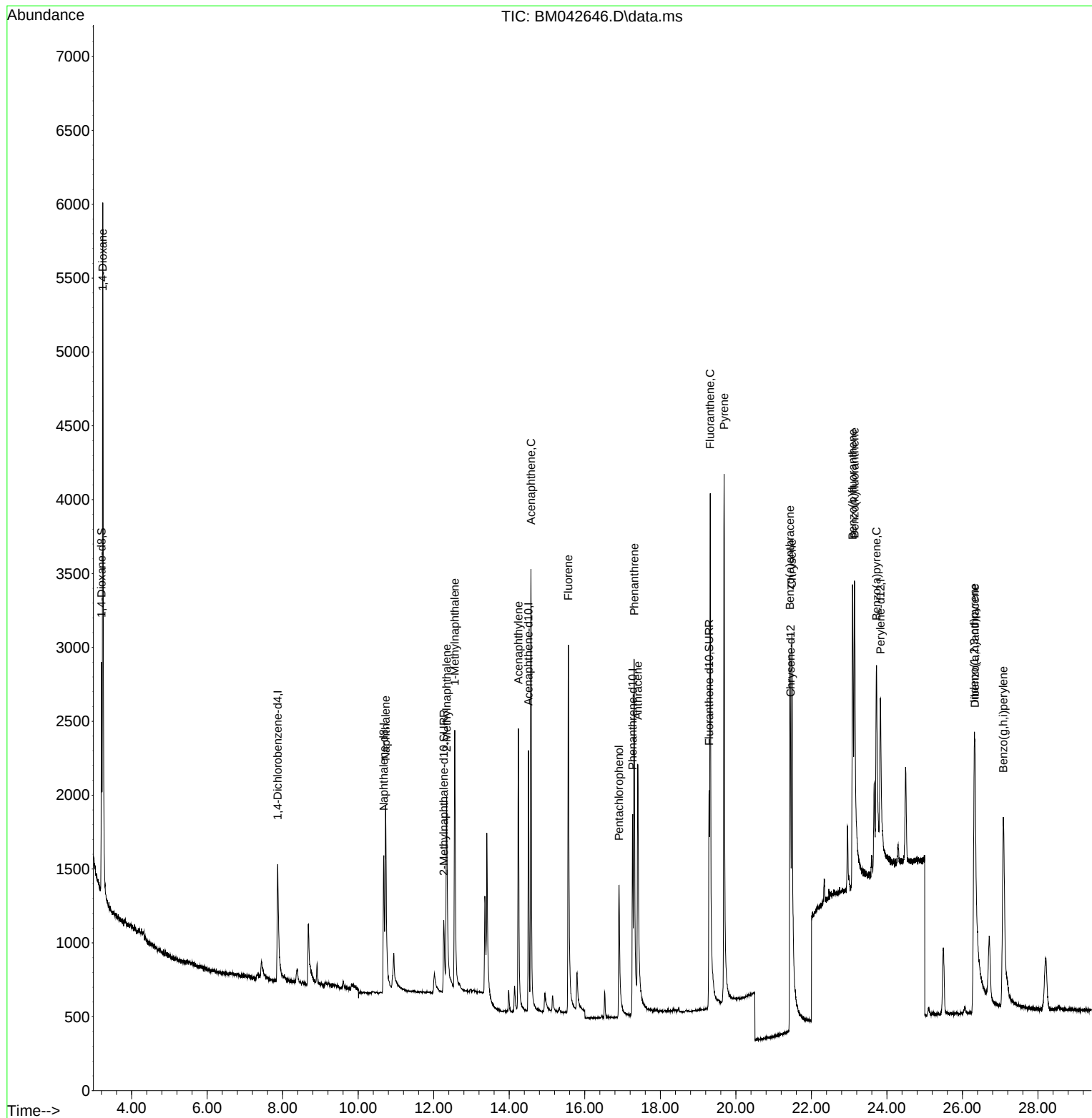
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.868	152	794	0.400	ng/ul	0.00
4) Naphthalene-d8	10.677	136	1889	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.510	164	1041	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.267	188	2023	0.400	ng/ul	0.00
17) Chrysene-d12	21.450	240	1536	0.400	ng/ul	0.00
23) Perylene-d12	23.829	264	1892	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.202	96	963	0.918	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.266	152	1029	0.390	ng/ul	0.00
18) Fluoranthene-d10	19.294	212	2178	0.410	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.235	88	2944	2.361	ng/ul#	58
5) Naphthalene	10.726	128	2467	0.404	ng/ul	97
7) 2-Methylnaphthalene	12.343	142	1496	0.382	ng/ul	94
8) 1-Methylnaphthalene	12.557	142	1477	0.372	ng/ul	100
10) Acenaphthylene	14.242	152	2775	0.390	ng/ul	97
11) Acenaphthene	14.575	153	1948	0.403	ng/ul	99
12) Fluorene	15.565	166	2195	0.396	ng/ul	99
14) Pentachlorophenol	16.908	266	938	0.909	ng/ul	95
15) Phenanthrene	17.309	178	3207	0.409	ng/ul	98
16) Anthracene	17.406	178	2847	0.401	ng/ul	97
19) Fluoranthene	19.321	202	3772	0.393	ng/ul	99
20) Pyrene	19.689	202	4143	0.393	ng/ul	98
21) Benzo(a)anthracene	21.432	228	2578	0.377	ng/ul	97
22) Chrysene	21.485	228	2949	0.417	ng/ul	98
24) Benzo(b)fluoranthene	23.092	252	3204	0.419	ng/ul	96
25) Benzo(k)fluoranthene	23.142	252	3385	0.423	ng/ul	96
26) Benzo(a)pyrene	23.724	252	3405	0.430	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.312	276	4406	0.428	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.333	278	3215	0.438	ng/ul	97
29) Benzo(g,h,i)perylene	27.084	276	4066	0.425	ng/ul	98

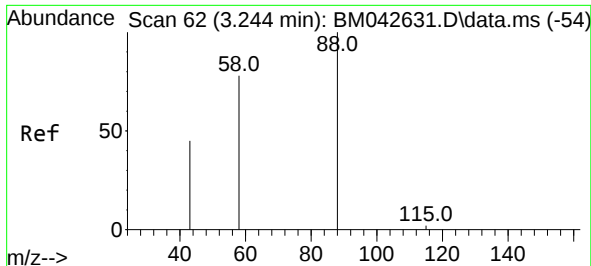
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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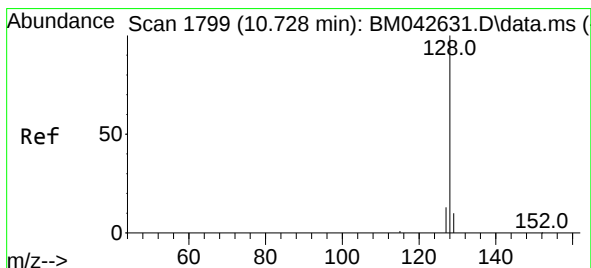
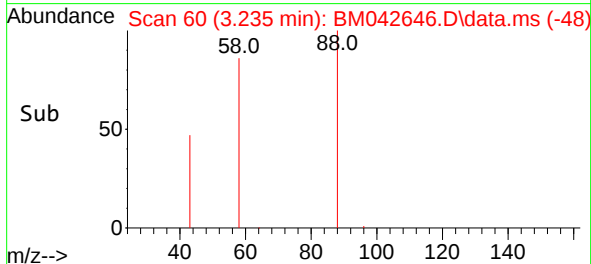
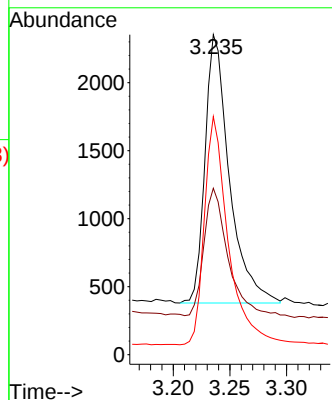
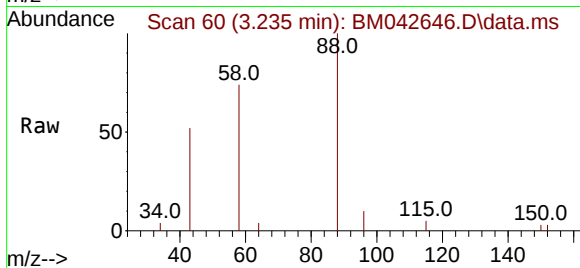




#2
1,4-Dioxane
Concen: 2.361 ng/ul
RT: 3.235 min Scan# 60
Delta R.T. -0.011 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

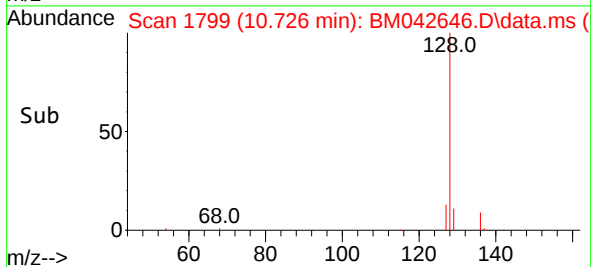
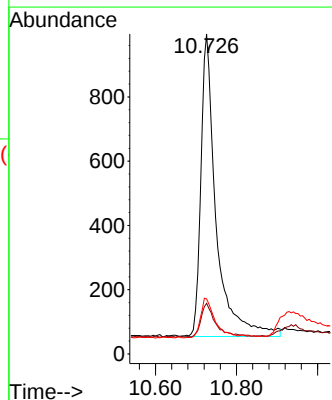
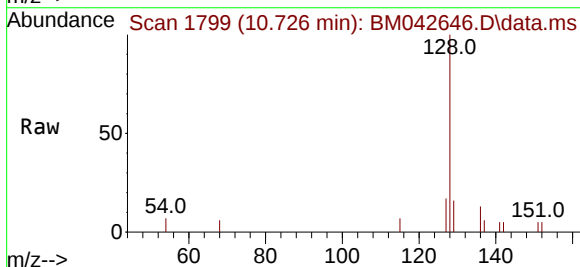
Instrument :
BNA_M
ClientSampleId :
SLCS695

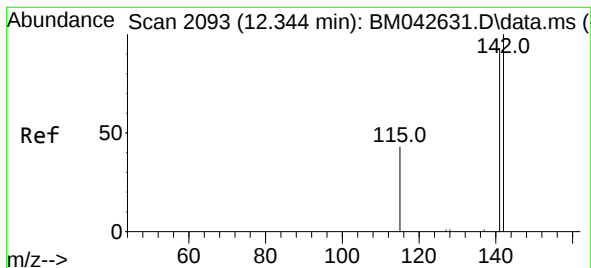
Tgt Ion: 88 Resp: 2944
Ion Ratio Lower Upper
88 100
43 52.0 77.5 116.3#
58 74.4 40.9 61.3#



#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.726 min Scan# 1799
Delta R.T. -0.009 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion: 128 Resp: 2467
Ion Ratio Lower Upper
128 100
129 15.9 11.3 16.9
127 17.2 13.0 19.4

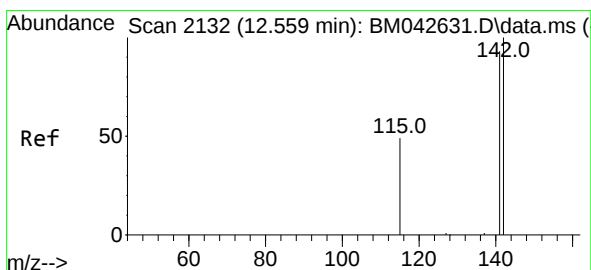
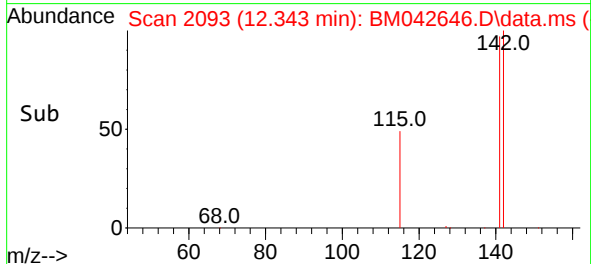
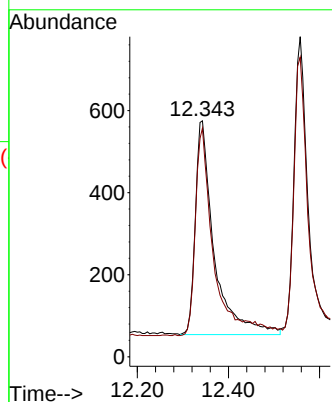
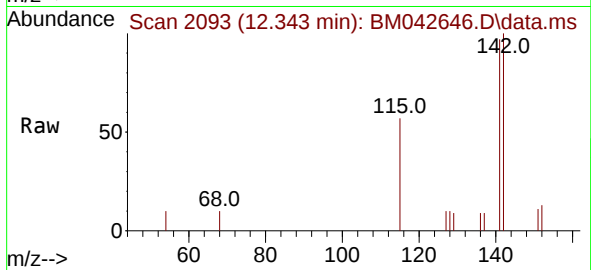




#7
2-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.343 min Scan# 2093
Delta R.T. -0.004 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

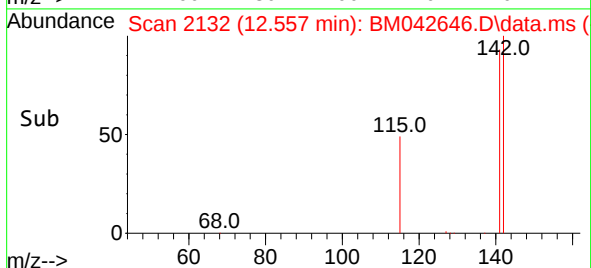
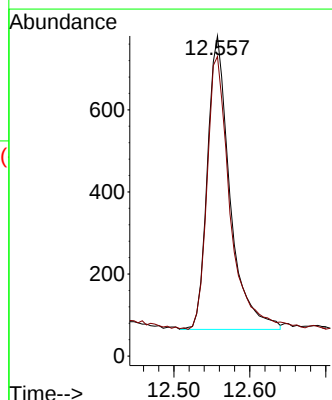
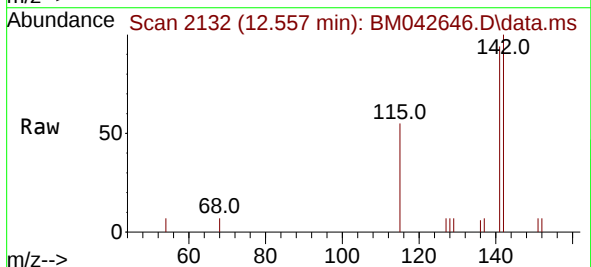
Instrument :
BNA_M
ClientSampleId :
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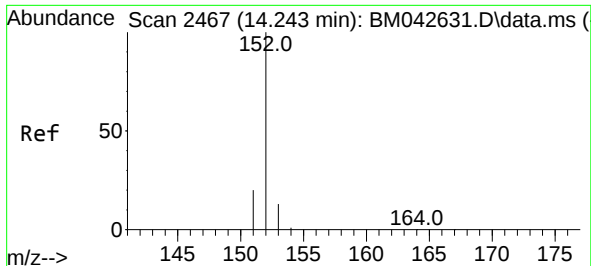
Tgt Ion:142 Resp: 1496
Ion Ratio Lower Upper
142 100
141 95.3 71.7 107.5



#8
1-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.557 min Scan# 2132
Delta R.T. -0.009 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:142 Resp: 1477
Ion Ratio Lower Upper
142 100
141 94.0 75.4 113.2

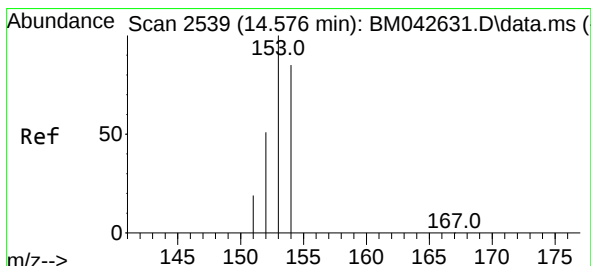
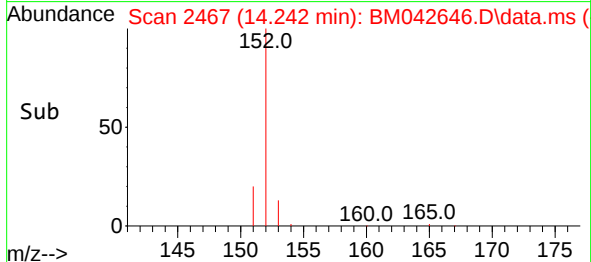
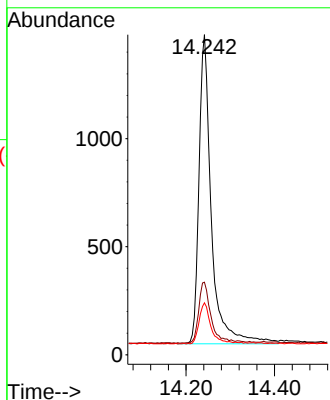
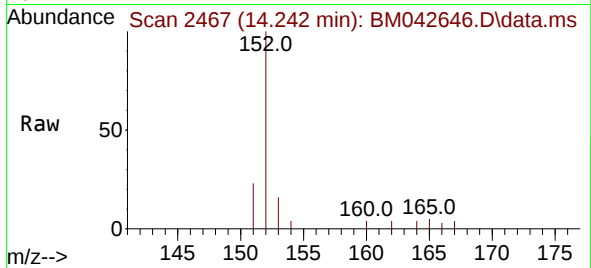




#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.242 min Scan# 2467
Delta R.T. -0.004 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

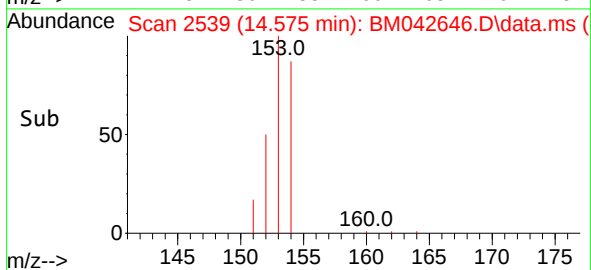
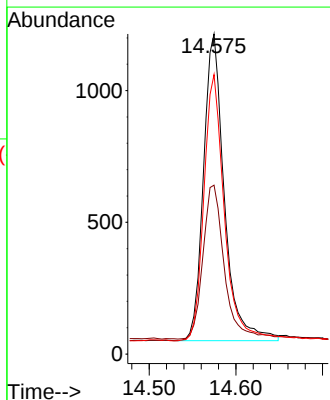
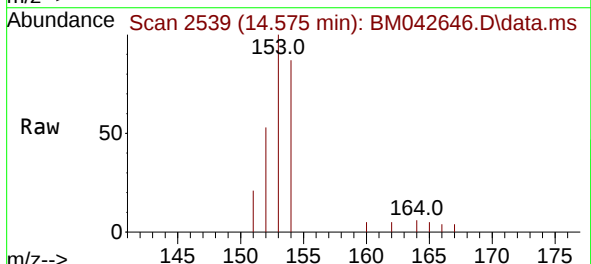
Instrument :
BNA_M
ClientSampleId :
SLCS695

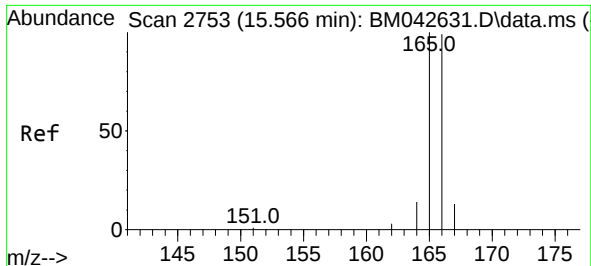
Tgt Ion:152 Resp: 2775
Ion Ratio Lower Upper
152 100
151 22.7 17.2 25.8
153 16.2 11.8 17.8



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.575 min Scan# 2539
Delta R.T. -0.003 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:153 Resp: 1948
Ion Ratio Lower Upper
153 100
152 52.8 41.8 62.6
154 87.3 69.2 103.8

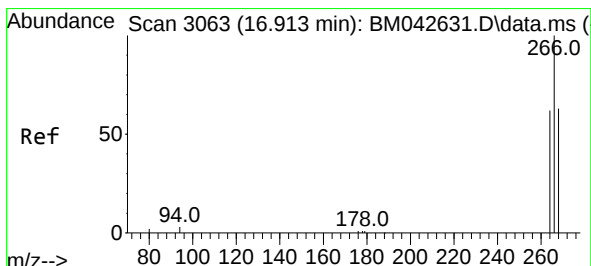
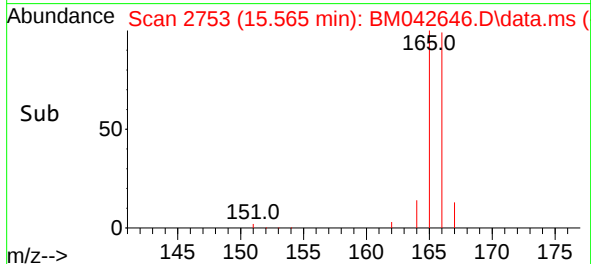
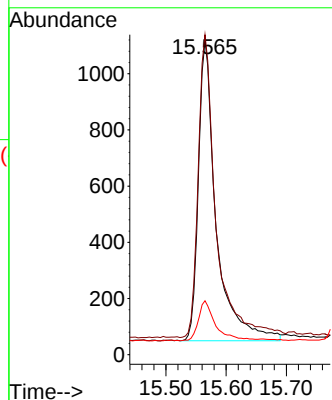
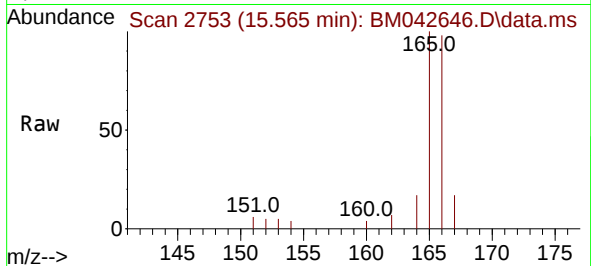




#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.565 min Scan# 21
Delta R.T. -0.003 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

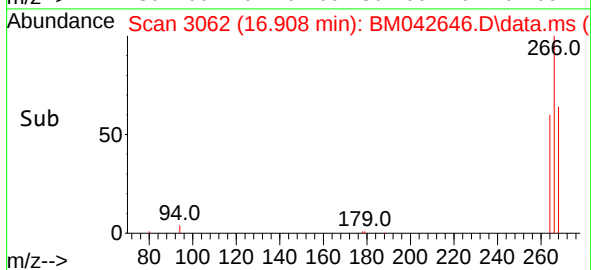
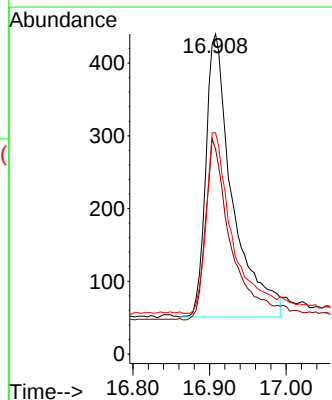
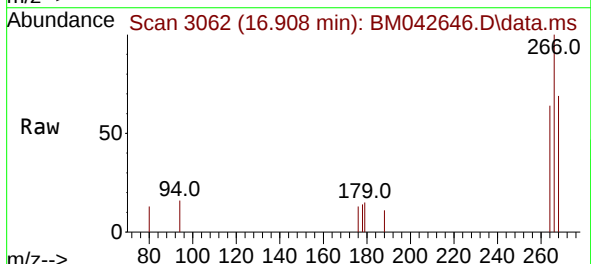
Instrument :
BNA_M
ClientSampleId :
SLCS695

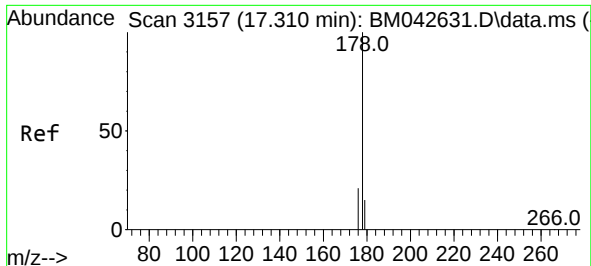
Tgt Ion:166 Resp: 2195
Ion Ratio Lower Upper
166 100
165 102.0 81.2 121.8
167 17.2 11.9 17.9



#14
Pentachlorophenol
Concen: 0.909 ng/ul
RT: 16.908 min Scan# 3062
Delta R.T. -0.003 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:266 Resp: 938
Ion Ratio Lower Upper
266 100
264 61.4 50.4 75.6
268 62.9 54.8 82.2

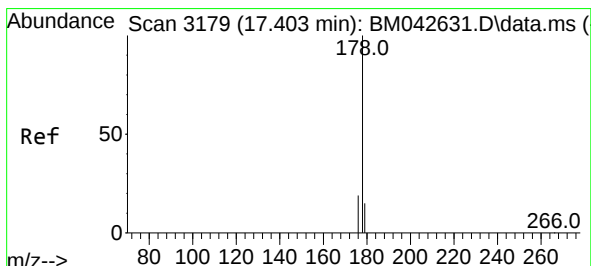
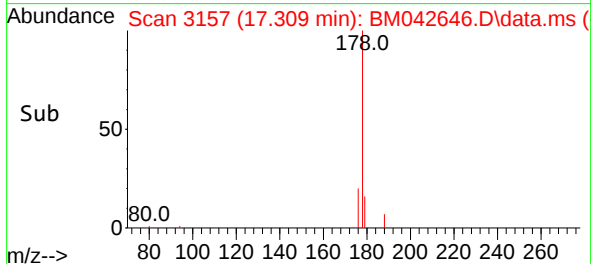
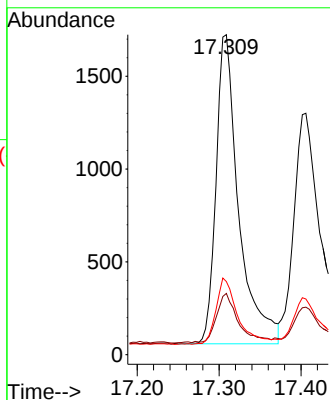
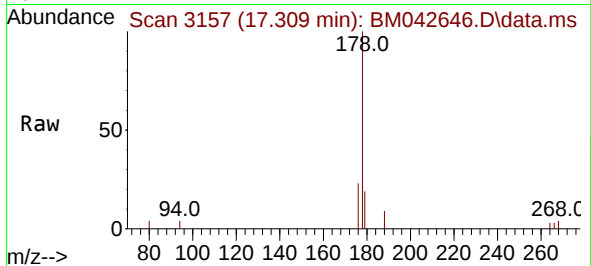




#15
Phenanthrene
Concen: 0.409 ng/ul
RT: 17.309 min Scan# 3157
Delta R.T. -0.003 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

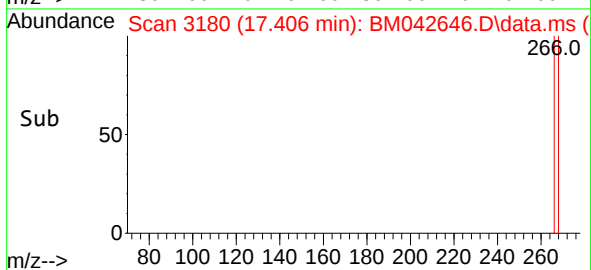
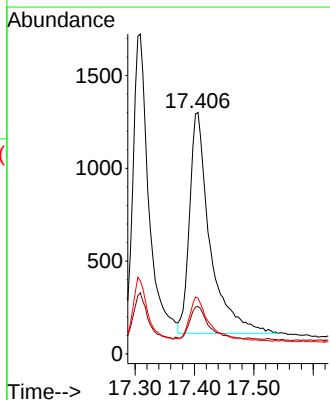
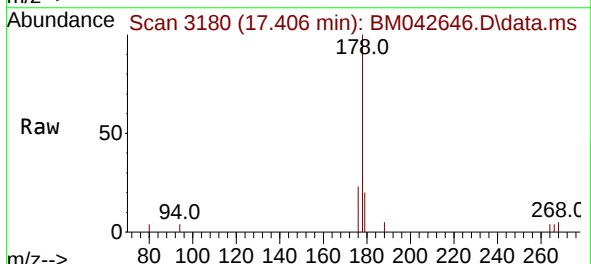
Instrument :
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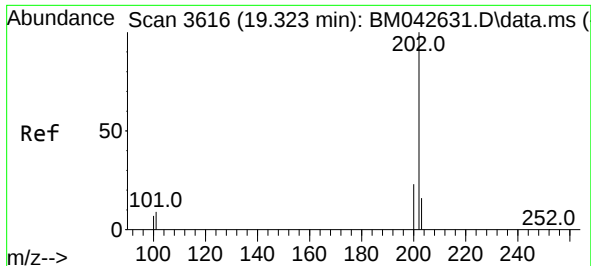
Tgt Ion:	178	Resp:	3207
Ion Ratio	Lower	Upper	
178	100		
179	19.1	13.7	20.5
176	22.9	18.2	27.2



#16
Anthracene
Concen: 0.401 ng/ul
RT: 17.406 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:	178	Resp:	2847
Ion Ratio	Lower	Upper	
178	100		
179	19.7	14.2	21.4
176	23.1	17.6	26.4





#19

Fluoranthene

Concen: 0.393 ng/ul

RT: 19.321 min Scan# 3616

Delta R.T. -0.008 min

Lab File: BM042646.D

Acq: 08 Nov 2023 13:10

Instrument :

BNA_M

ClientSampleId :

SLCS695

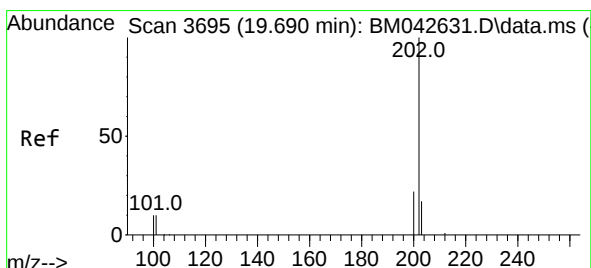
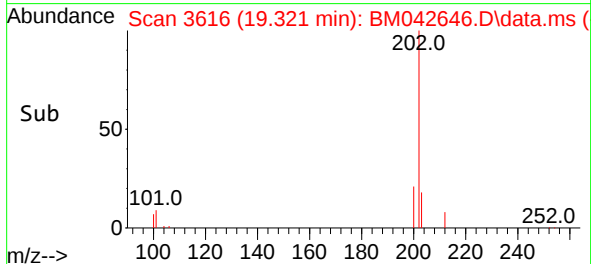
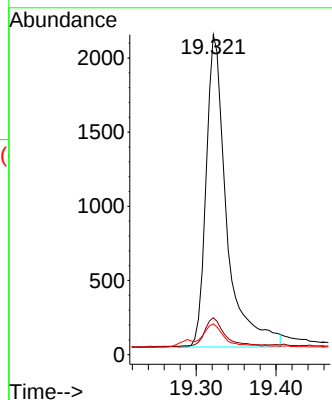
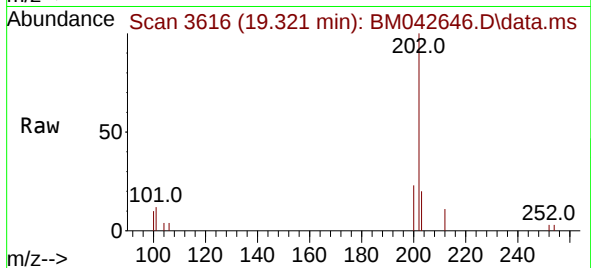
Tgt Ion:202 Resp: 3772

Ion Ratio Lower Upper

202 100

101 11.5 9.0 13.6

100 9.6 7.3 10.9



#20

Pyrene

Concen: 0.393 ng/ul

RT: 19.689 min Scan# 3695

Delta R.T. -0.008 min

Lab File: BM042646.D

Acq: 08 Nov 2023 13:10

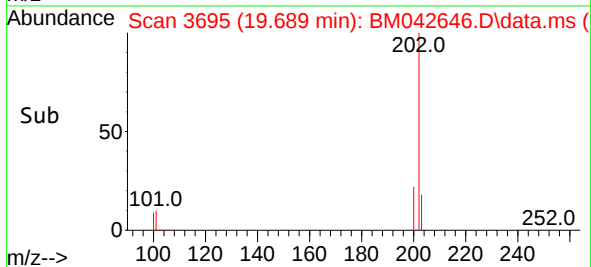
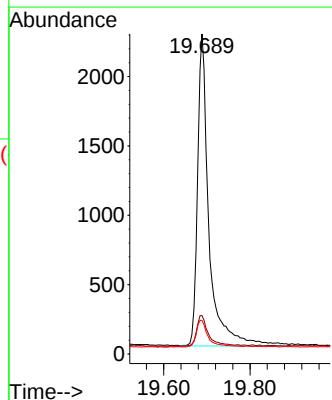
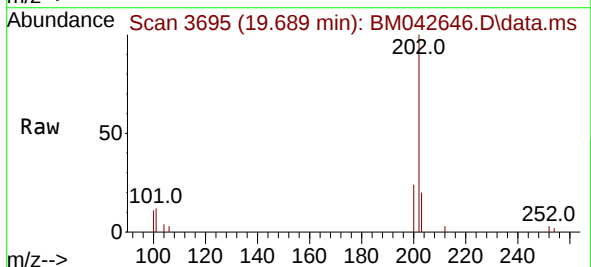
Tgt Ion:202 Resp: 4143

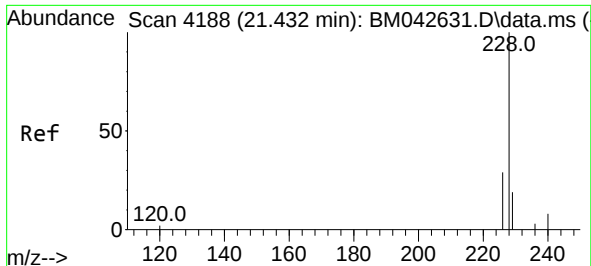
Ion Ratio Lower Upper

202 100

101 12.0 10.6 16.0

100 10.5 8.6 13.0

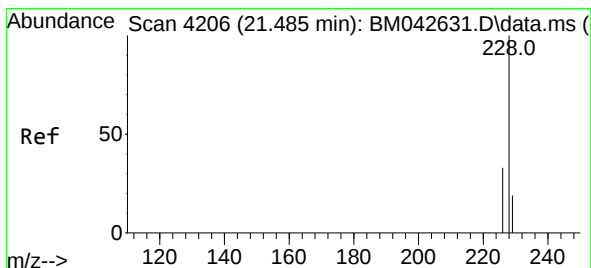
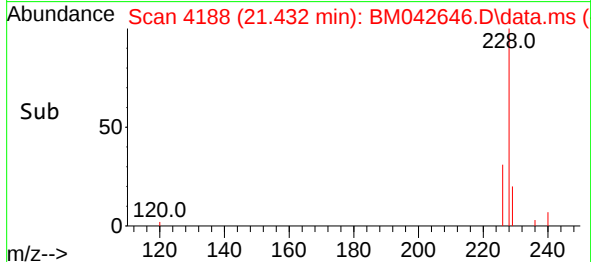
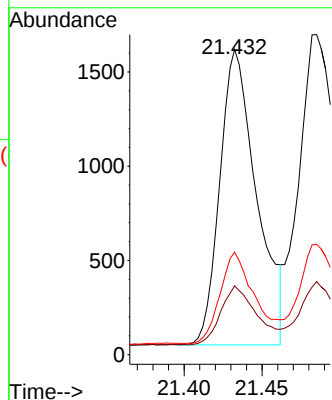
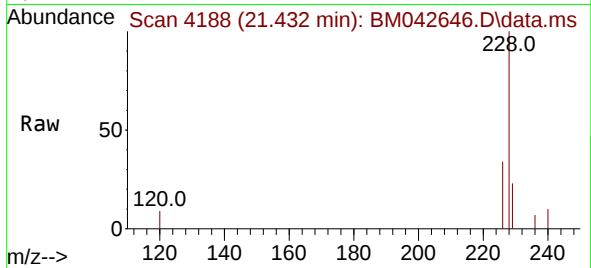




#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.432 min Scan# 4188
Delta R.T. -0.004 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

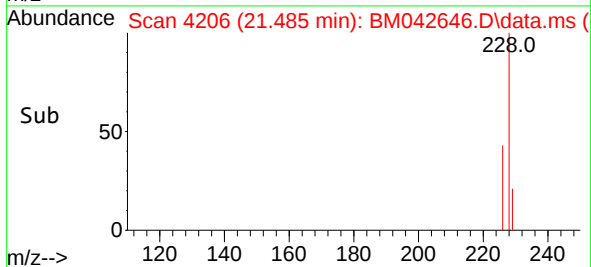
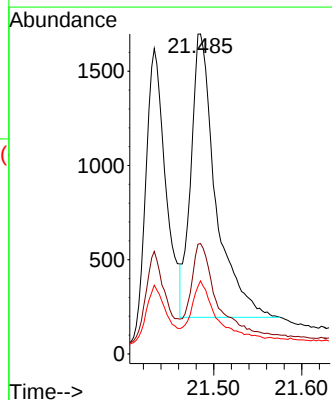
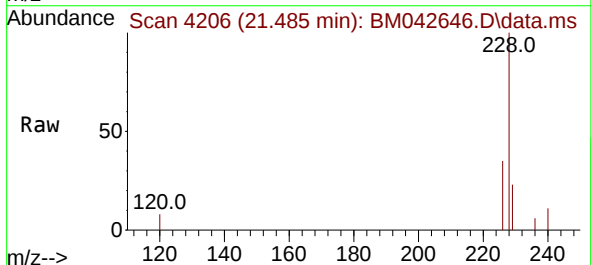
Instrument :
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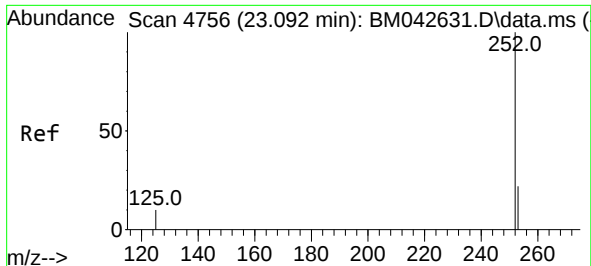
Tgt Ion:	228	Resp:	2578
Ion Ratio	Lower	Upper	
228	100		
229	22.5	17.0	25.4
226	33.6	25.2	37.8



#22
Chrysene
Concen: 0.417 ng/ul
RT: 21.485 min Scan# 4206
Delta R.T. -0.007 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:	228	Resp:	2949
Ion Ratio	Lower	Upper	
228	100		
226	34.5	27.4	41.0
229	22.9	17.0	25.6

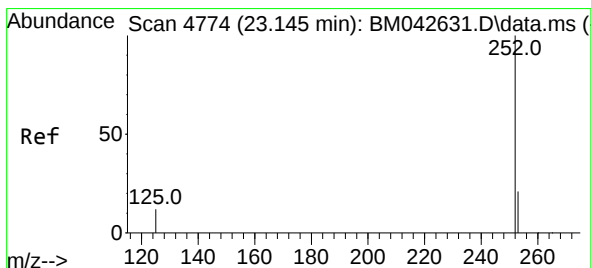
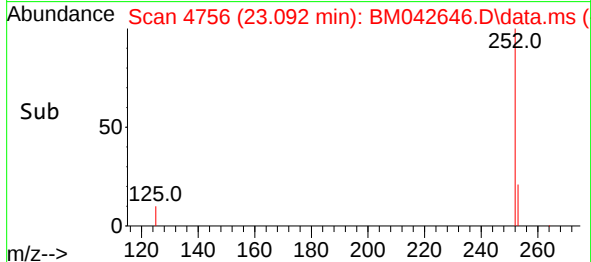
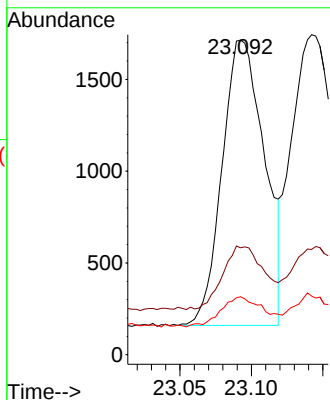
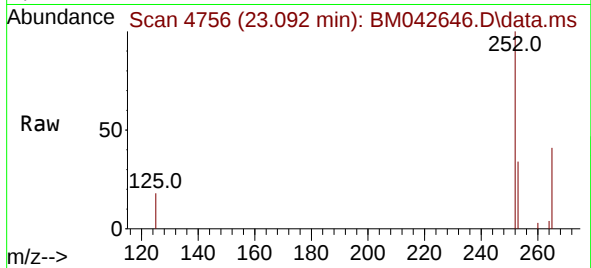




#24
Benzo(b)fluoranthene
Concen: 0.419 ng/ul
RT: 23.092 min Scan# 4756
Delta R.T. -0.007 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

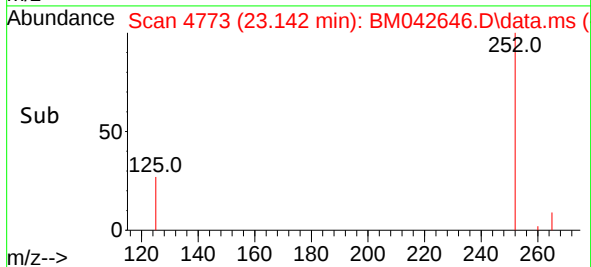
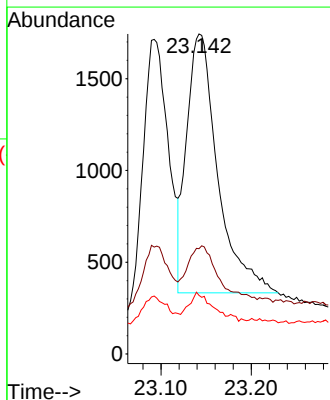
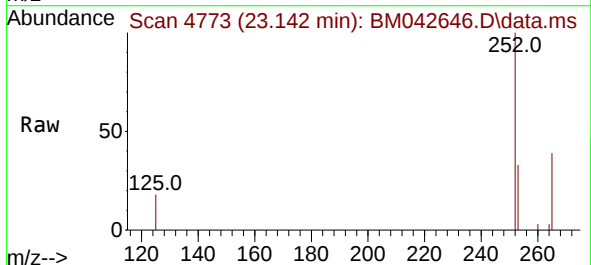
Instrument :
BNA_M
ClientSampleId :
SLCS695

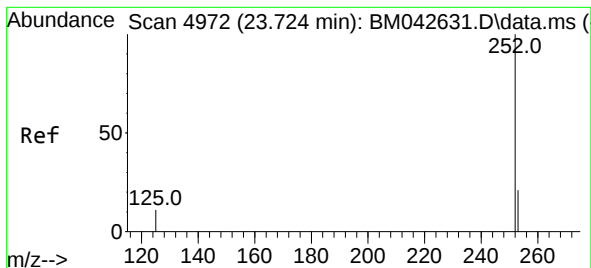
Tgt Ion:252 Resp: 3204
Ion Ratio Lower Upper
252 100
253 34.0 0.0 65.8
125 18.4 0.0 43.6



#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul
RT: 23.142 min Scan# 4773
Delta R.T. -0.007 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:252 Resp: 3385
Ion Ratio Lower Upper
252 100
253 32.9 27.0 40.6
125 18.3 17.5 26.3





#26

Benzo(a)pyrene

Concen: 0.430 ng/ul

RT: 23.724 min Scan# 4972

Delta R.T. -0.010 min

Lab File: BM042646.D

Acq: 08 Nov 2023 13:10

Instrument :

BNA_M

ClientSampleId :

SLCS695

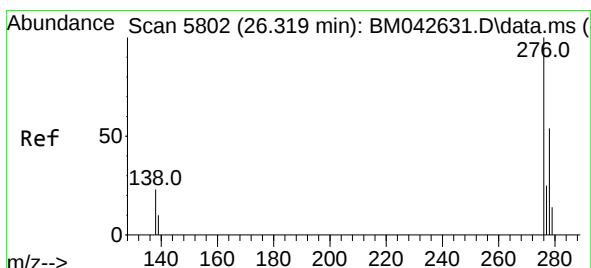
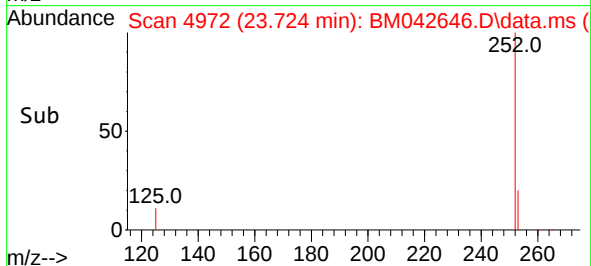
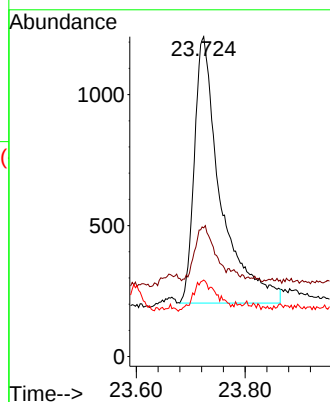
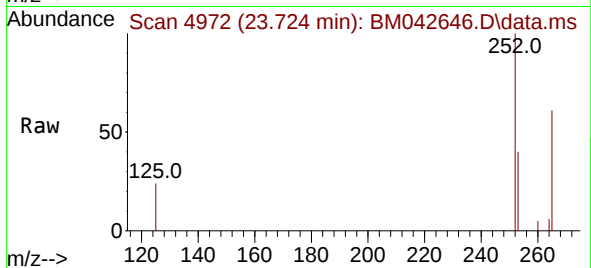
Tgt Ion:252 Resp: 3405

Ion Ratio Lower Upper

252 100

253 40.2 31.7 47.5

125 23.9 22.1 33.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.428 ng/ul

RT: 26.312 min Scan# 5800

Delta R.T. -0.015 min

Lab File: BM042646.D

Acq: 08 Nov 2023 13:10

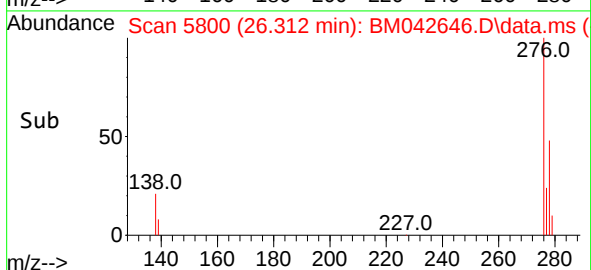
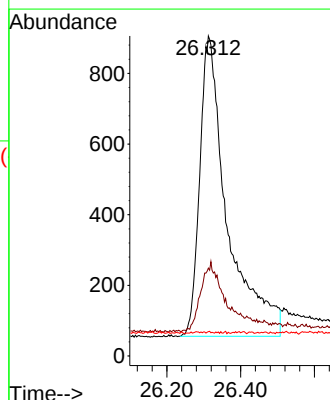
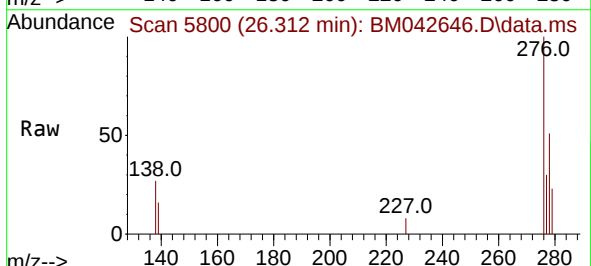
Tgt Ion:276 Resp: 4406

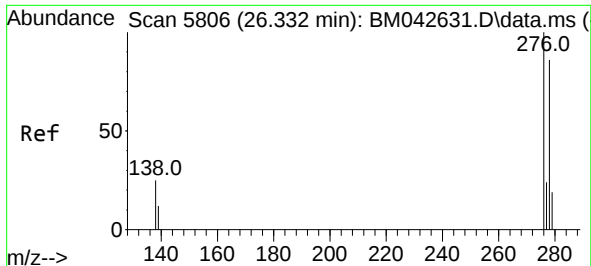
Ion Ratio Lower Upper

276 100

138 24.0 20.7 31.1

227 0.1 0.1 0.1#

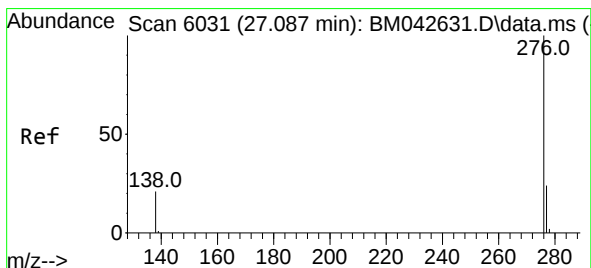
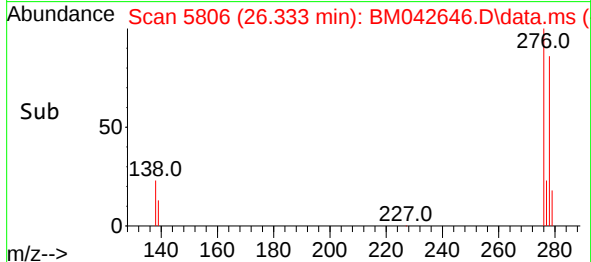
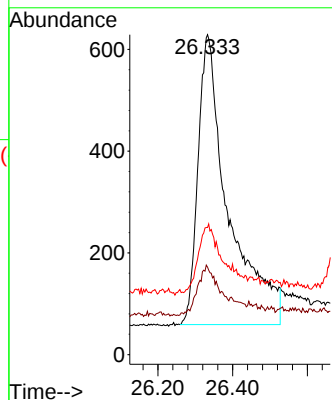
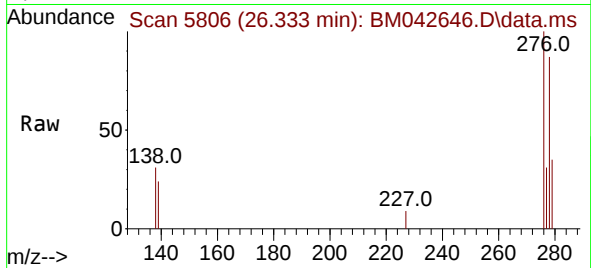




#28
Dibenzo(a,h)anthracene
Concen: 0.438 ng/ul
RT: 26.333 min Scan# 5806
Delta R.T. -0.015 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Instrument :
BNA_M
ClientSampleId :
SLCS695

Tgt Ion:278 Resp: 3215
Ion Ratio Lower Upper
278 100
139 27.3 24.3 36.5
279 39.7 31.5 47.3



#29
Benzo(g,h,i)perylene
Concen: 0.425 ng/ul
RT: 27.084 min Scan# 6030
Delta R.T. -0.022 min
Lab File: BM042646.D
Acq: 08 Nov 2023 13:10

Tgt Ion:276 Resp: 4066
Ion Ratio Lower Upper
276 100
138 26.0 22.3 33.5
277 29.9 23.6 35.4

