

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041674.D
 Acq On : 07 Sep 2023 00:49
 Operator : MA/JU
 Sample : PB155142BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS142

Quant Time: Sep 07 02:05:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

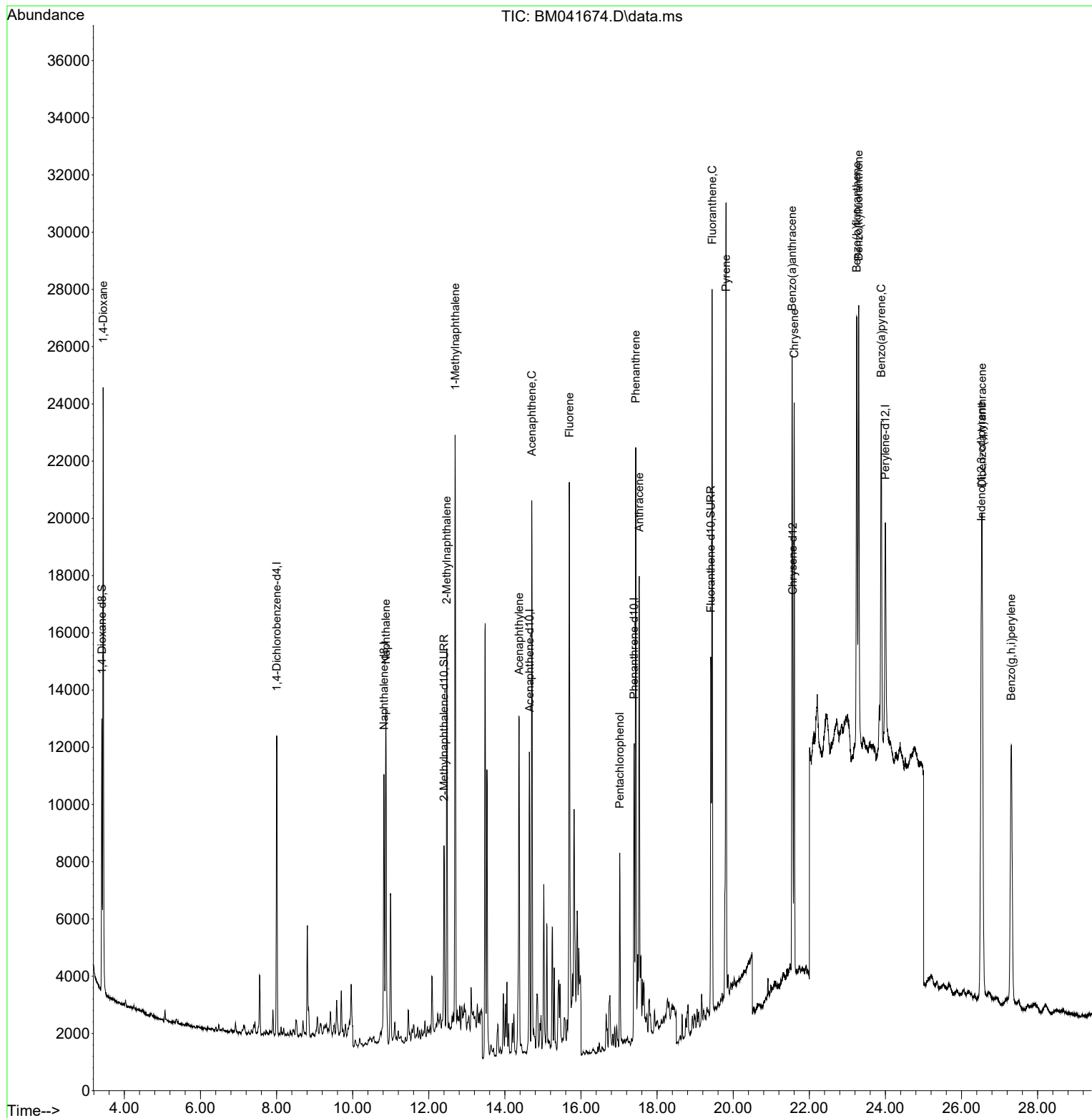
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	5100	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	11969	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.648	164	5609	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	11717	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	7100	0.400	ng/ul	# 0.00
23) Perylene-d12	24.000	264	9478	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.410	96	5402	0.693	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	7248	0.470	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	11919	0.346	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.444	88	12687	1.567	ng/ul	92
5) Naphthalene	10.873	128	15650	0.398	ng/ul	99
7) 2-Methylnaphthalene	12.473	142	9251	0.415	ng/ul	100
8) 1-Methylnaphthalene	12.693	142	13521	0.603	ng/ul	98
10) Acenaphthylene	14.375	152	14307	0.413	ng/ul	98
11) Acenaphthene	14.708	153	10938	0.406	ng/ul	98
12) Fluorene	15.693	166	12841	0.425	ng/ul	98
14) Pentachlorophenol	17.020	266	4502	0.960	ng/ul	100
15) Phenanthrene	17.438	178	22299	0.451	ng/ul	98
16) Anthracene	17.531	178	18305	0.432	ng/ul	97
19) Fluoranthene	19.445	202	20826	0.249	ng/ul	99
20) Pyrene	19.812	202	22653	0.272	ng/ul	99
21) Benzo(a)anthracene	21.548	228	17710	0.306	ng/ul	97
22) Chrysene	21.603	228	16833	0.269	ng/ul	96
24) Benzo(b)fluoranthene	23.249	252	20018	0.236	ng/ul#	63
25) Benzo(k)fluoranthene	23.298	252	19919	0.240	ng/ul#	63
26) Benzo(a)pyrene	23.889	252	18245	0.265	ng/ul#	60
27) Indeno(1,2,3-cd)pyrene	26.522	276	24930	0.264	ng/ul	95
28) Dibenzo(a,h)anthracene	26.542	278	18407	0.278	ng/ul#	89
29) Benzo(g,h,i)perylene	27.306	276	20652	0.247	ng/ul	94

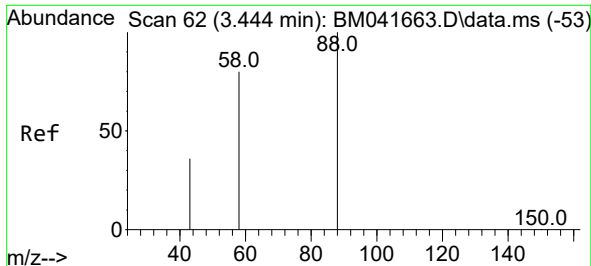
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 07 02:05:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration

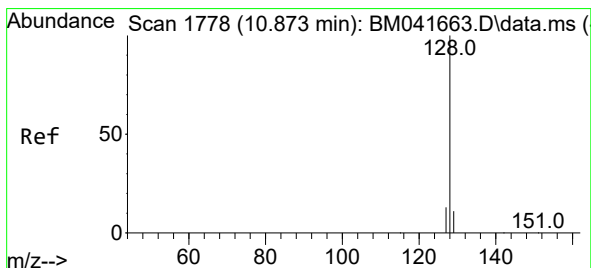
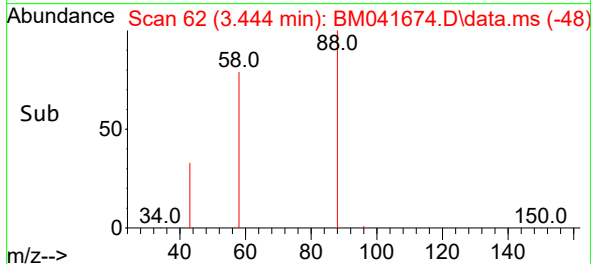
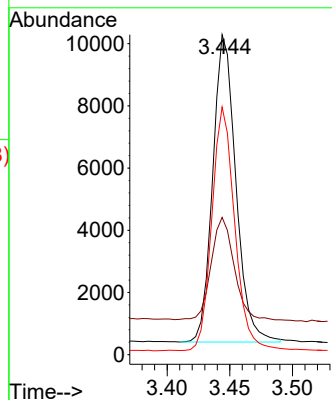
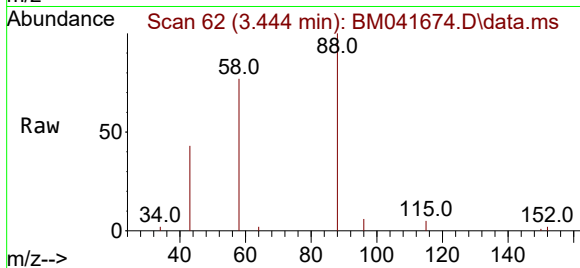




#2
1,4-Dioxane
Concen: 1.567 ng/ul
RT: 3.444 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM041674.D
Acq: 07 Sep 2023 00:49

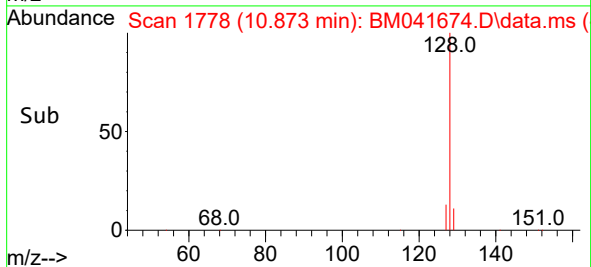
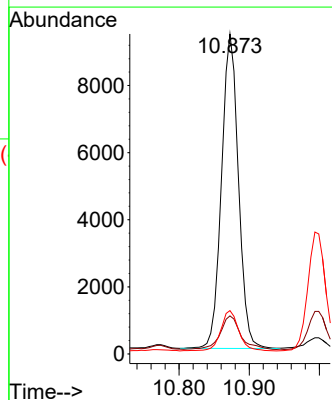
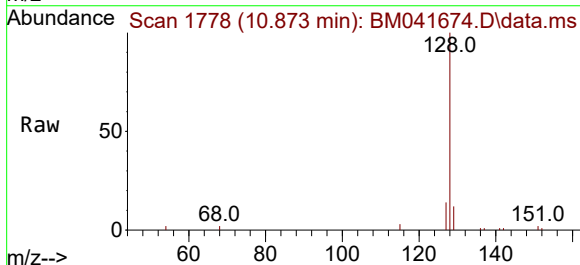
Instrument :
BNA_M
ClientSampleId :
SLCS142

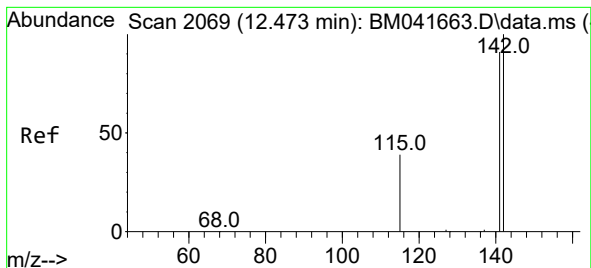
Tgt Ion: 88 Resp: 12687
Ion Ratio Lower Upper
88 100
43 42.9 33.8 50.6
58 77.4 54.2 81.2



#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.873 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BM041674.D
Acq: 07 Sep 2023 00:49

Tgt Ion: 128 Resp: 15650
Ion Ratio Lower Upper
128 100
129 11.9 9.4 14.0
127 13.6 11.0 16.6

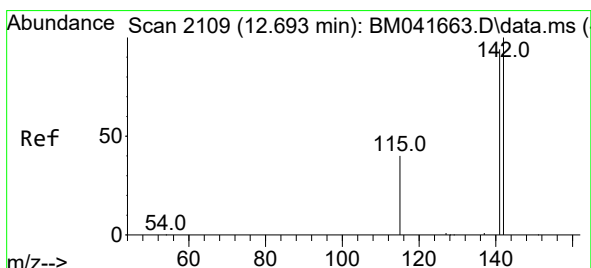
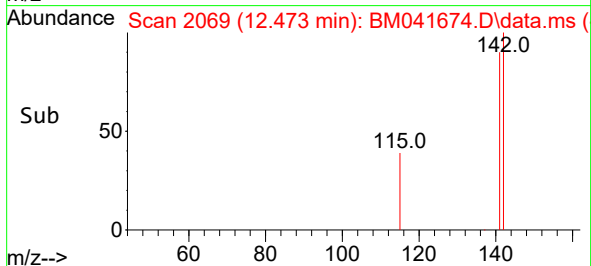
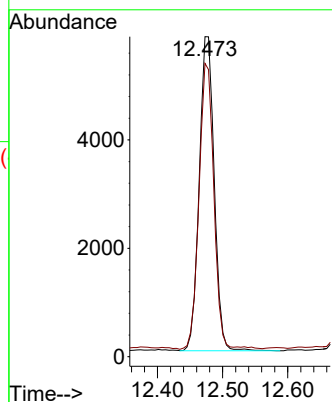
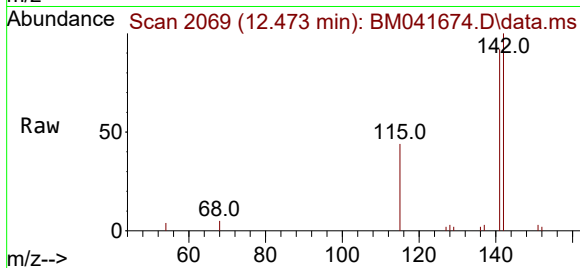




#7
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.473 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BM041674.D
Acq: 07 Sep 2023 00:49

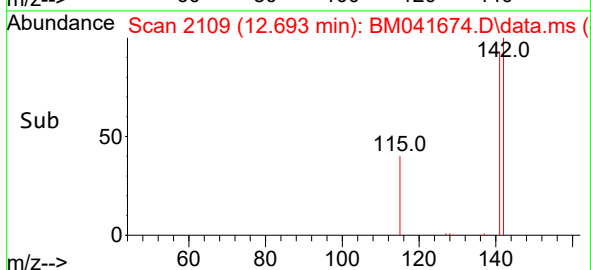
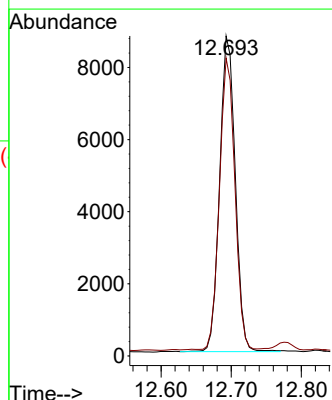
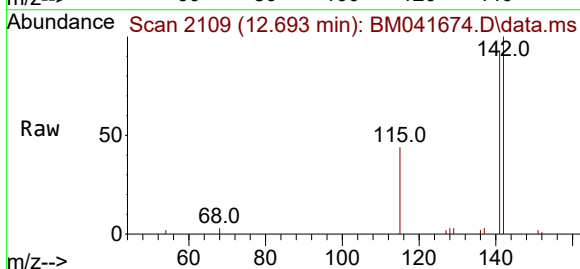
Instrument :
BNA_M
ClientSampleId :
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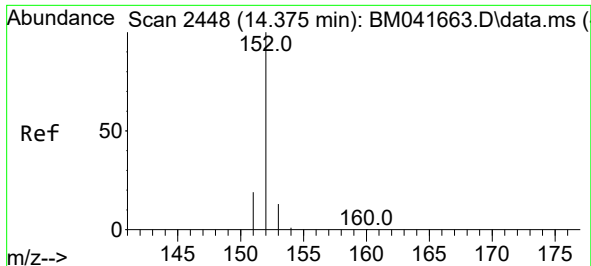
Tgt Ion:142 Resp: 9251
Ion Ratio Lower Upper
142 100
141 90.4 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.603 ng/ul
RT: 12.693 min Scan# 2109
Delta R.T. -0.005 min
Lab File: BM041674.D
Acq: 07 Sep 2023 00:49

Tgt Ion:142 Resp: 13521
Ion Ratio Lower Upper
142 100
141 91.3 74.4 111.6

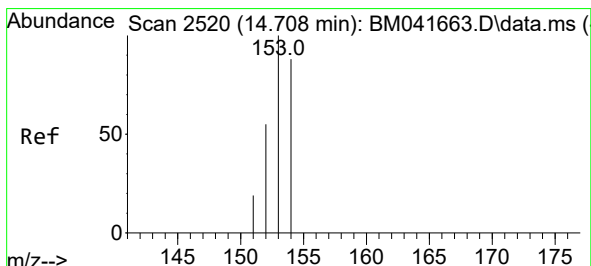
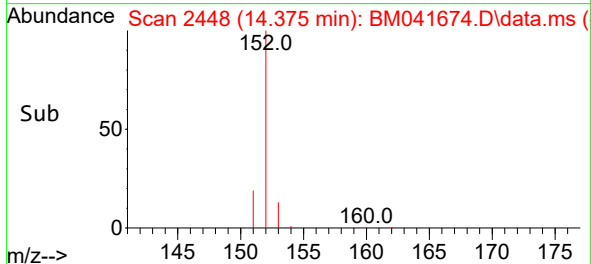
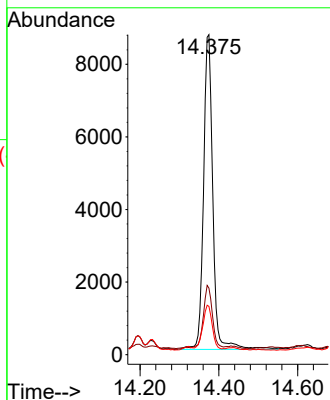
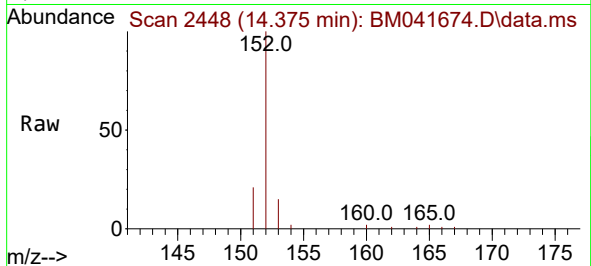




#10
Acenaphthylene
Concen: 0.413 ng/ul
RT: 14.375 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BM041674.D
Acq: 07 Sep 2023 00:49

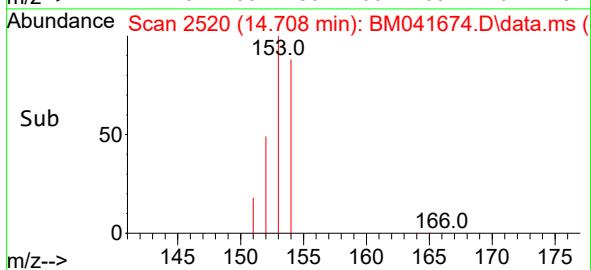
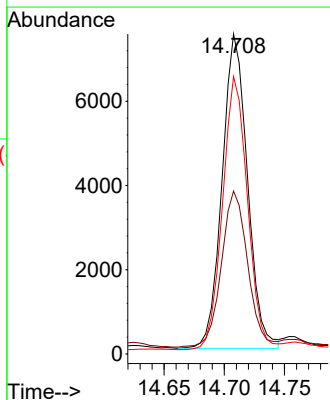
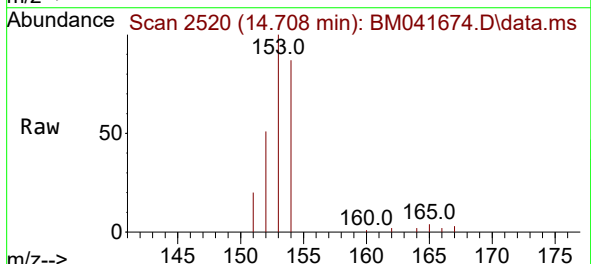
Instrument :
BNA_M
ClientSampleId :
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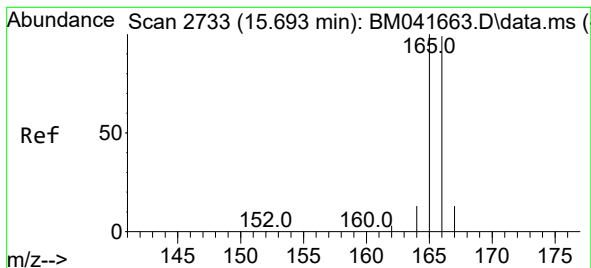
Tgt Ion:152 Resp: 14307
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 15.1 11.1 16.7



#11
Acenaphthene
Concen: 0.406 ng/ul
RT: 14.708 min Scan# 2520
Delta R.T. -0.005 min
Lab File: BM041674.D
Acq: 07 Sep 2023 00:49

Tgt Ion:153 Resp: 10938
Ion Ratio Lower Upper
153 100
152 50.9 43.4 65.2
154 86.7 69.4 104.0





#12

Fluorene

Concen: 0.425 ng/ul

RT: 15.693 min Scan# 2733

Delta R.T. -0.005 min

Lab File: BM041674.D

Acq: 07 Sep 2023 00:49

Instrument :

BNA_M

ClientSampleId :

SLCS142

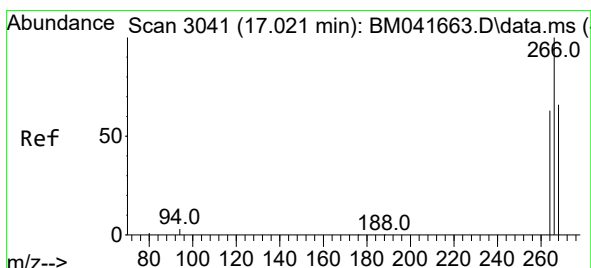
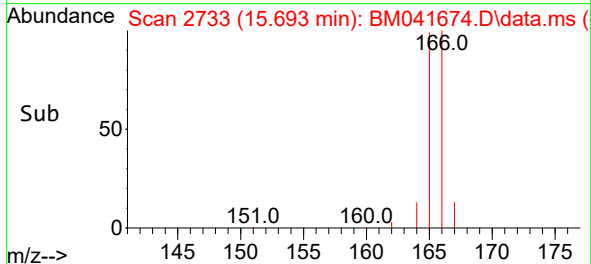
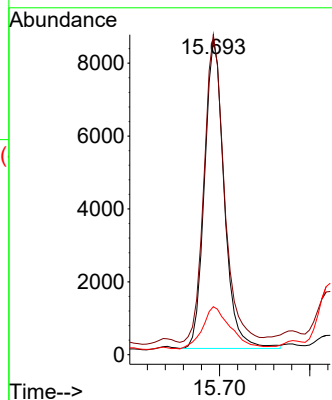
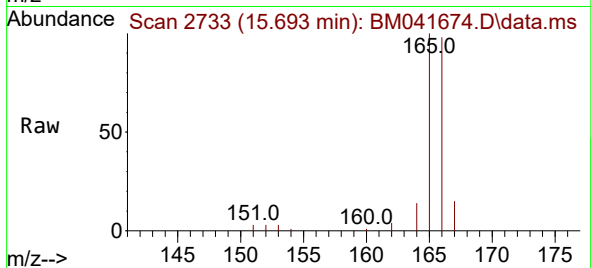
Tgt Ion:166 Resp: 12841

Ion Ratio Lower Upper

166 100

165 101.7 79.4 119.2

167 15.3 11.3 16.9



#14

Pentachlorophenol

Concen: 0.960 ng/ul

RT: 17.020 min Scan# 3041

Delta R.T. -0.004 min

Lab File: BM041674.D

Acq: 07 Sep 2023 00:49

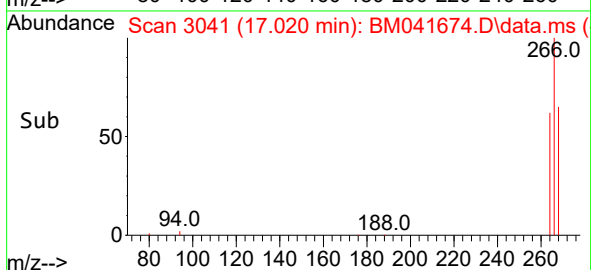
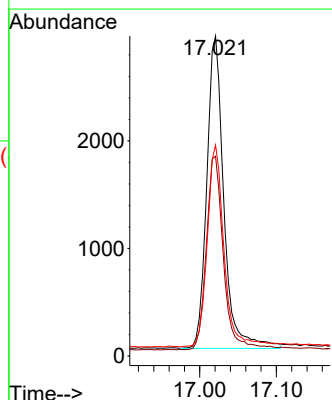
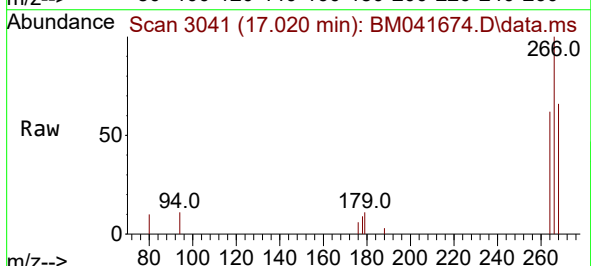
Tgt Ion:266 Resp: 4502

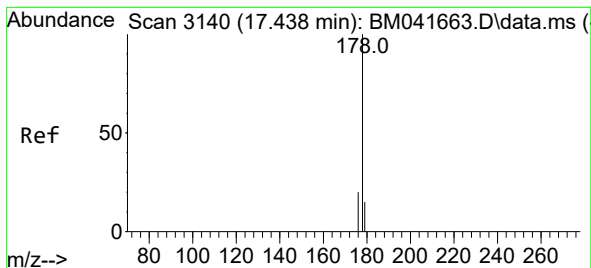
Ion Ratio Lower Upper

266 100

264 62.0 50.0 75.0

268 63.7 50.8 76.2





#15

Phenanthrene

Concen: 0.451 ng/ul

RT: 17.438 min Scan# 3140

Delta R.T. -0.004 min

Lab File: BM041674.D

Acq: 07 Sep 2023 00:49

Instrument :

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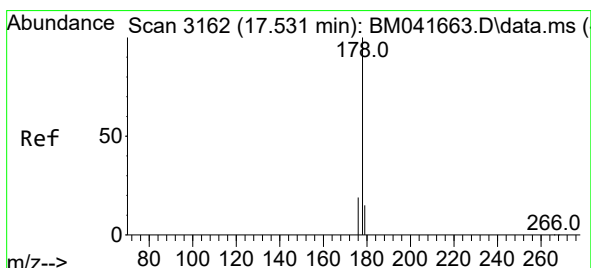
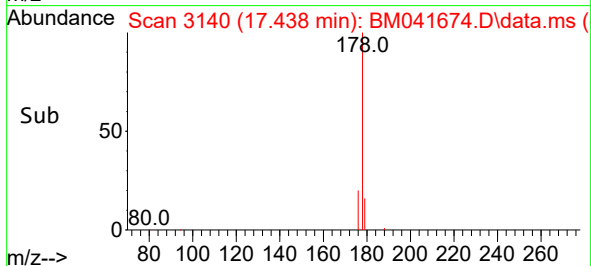
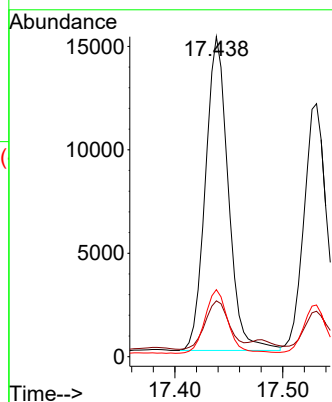
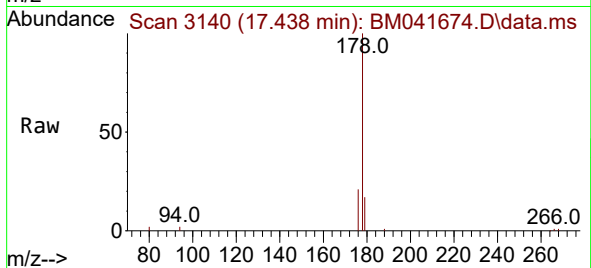
Tgt Ion:178 Resp: 22299

Ion Ratio Lower Upper

178 100

179 17.5 12.9 19.3

176 20.9 16.9 25.3



#16

Anthracene

Concen: 0.432 ng/ul

RT: 17.531 min Scan# 3162

Delta R.T. -0.004 min

Lab File: BM041674.D

Acq: 07 Sep 2023 00:49

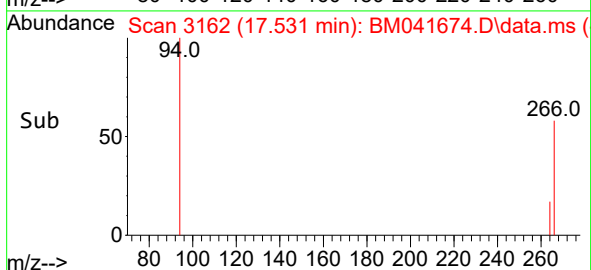
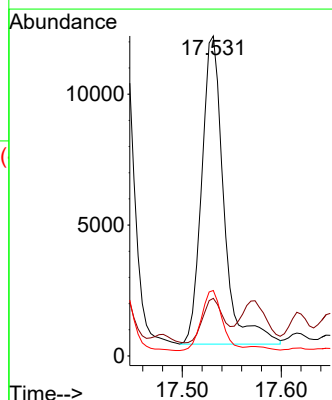
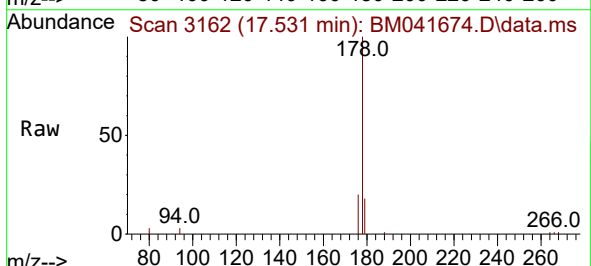
Tgt Ion:178 Resp: 18305

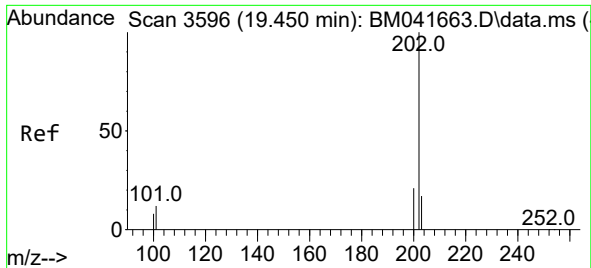
Ion Ratio Lower Upper

178 100

179 18.0 12.9 19.3

176 20.5 15.8 23.8

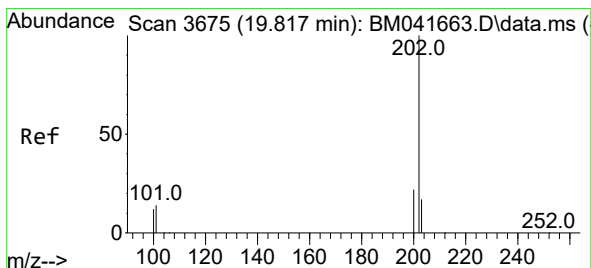
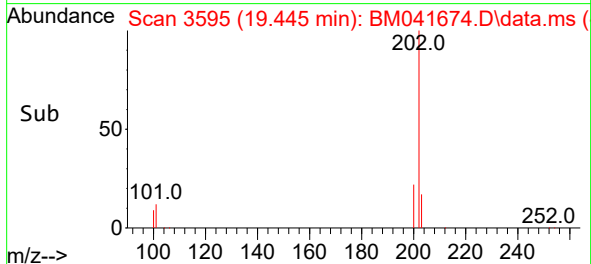
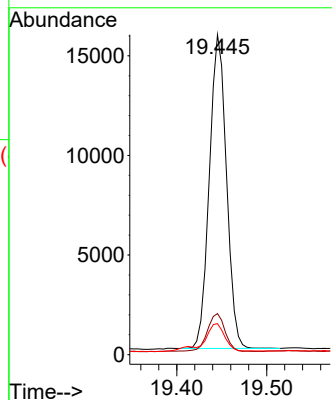
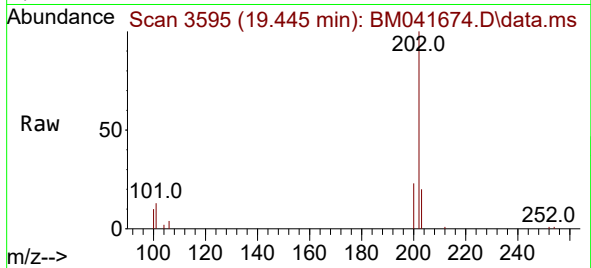




#19
Fluoranthene
Concen: 0.249 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM041674.D
Acq: 07 Sep 2023 00:49

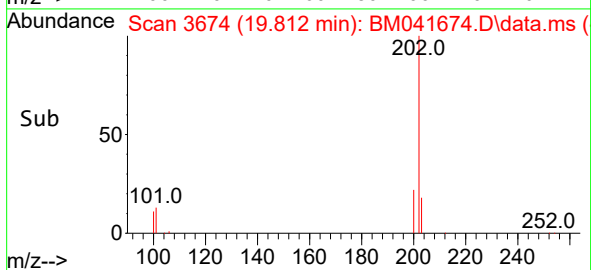
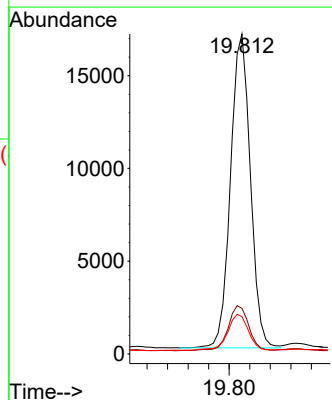
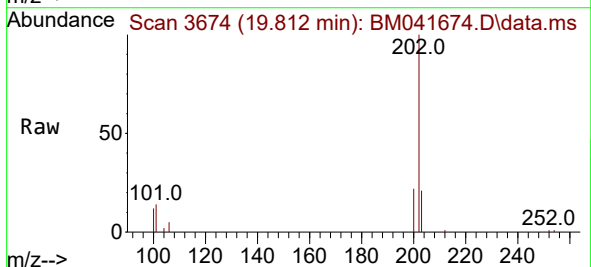
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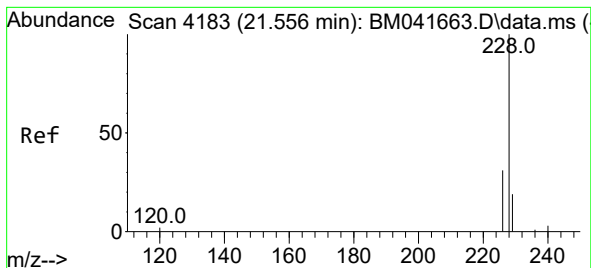
Tgt Ion:202 Resp: 20826
Ion Ratio Lower Upper
202 100
101 12.9 10.5 15.7
100 9.7 8.4 12.6



#20
Pyrene
Concen: 0.272 ng/ul
RT: 19.812 min Scan# 3674
Delta R.T. -0.005 min
Lab File: BM041674.D
Acq: 07 Sep 2023 00:49

Tgt Ion:202 Resp: 22653
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.8
100 11.6 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.306 ng/ul

RT: 21.548 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM041674.D

Acq: 07 Sep 2023 00:49

Instrument :

BNA_M

ClientSampleId :

SLCS142

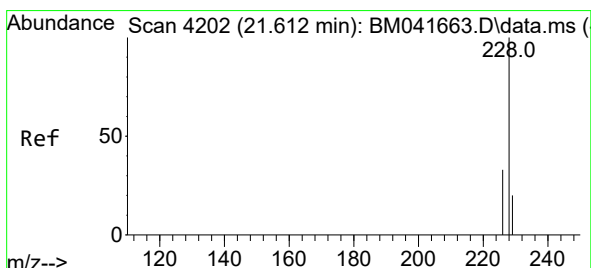
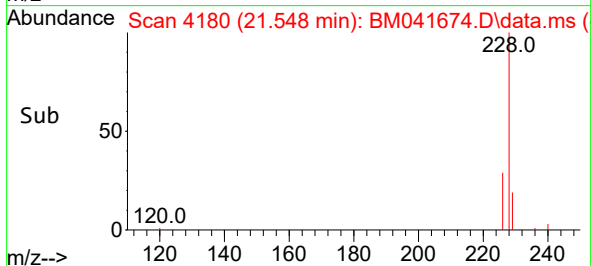
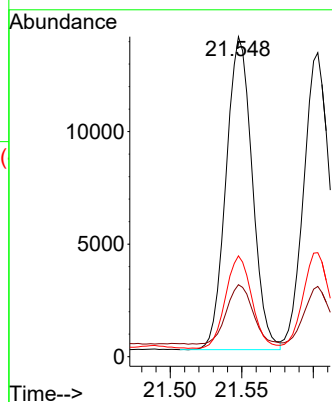
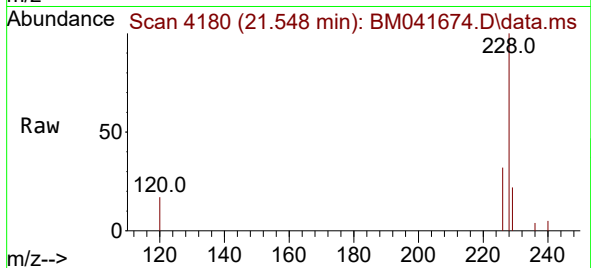
Tgt Ion:228 Resp: 17710

Ion Ratio Lower Upper

228 100

229 22.5 15.8 23.6

226 31.5 24.8 37.2



#22

Chrysene

Concen: 0.269 ng/ul

RT: 21.603 min Scan# 4199

Delta R.T. -0.006 min

Lab File: BM041674.D

Acq: 07 Sep 2023 00:49

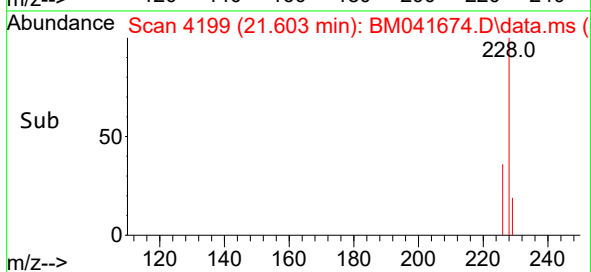
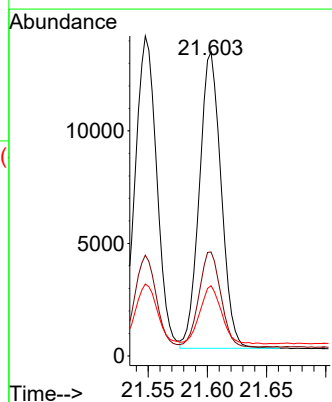
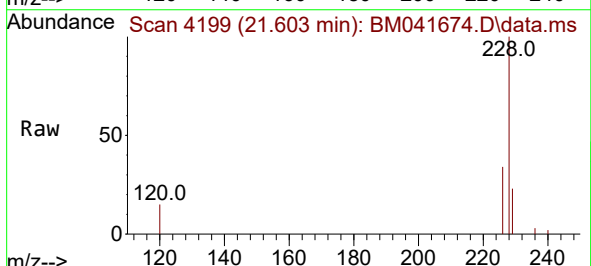
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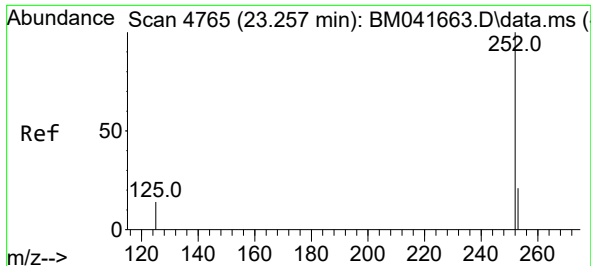
Ion Ratio Lower Upper

228 100

226 34.2 27.0 40.6

229 23.1 15.4 23.2

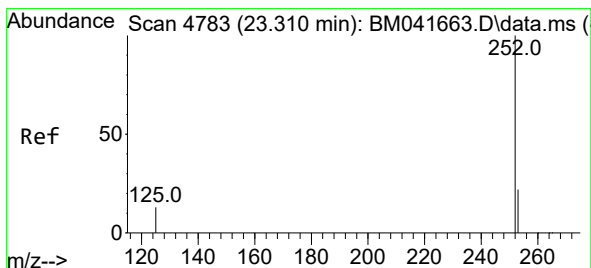
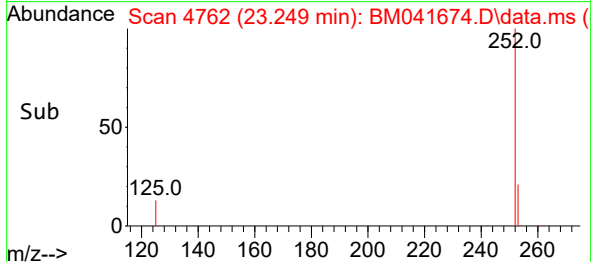
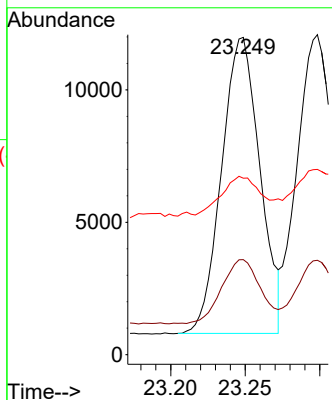
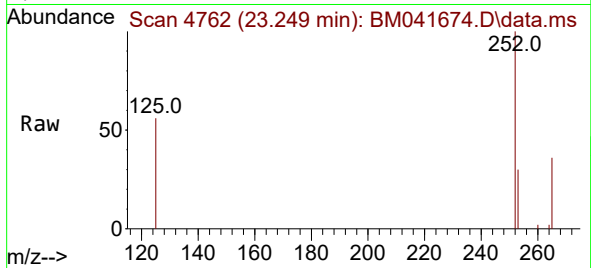




#24
Benzo(b)fluoranthene
Concen: 0.236 ng/ul
RT: 23.249 min Scan# 4762
Delta R.T. -0.003 min
Lab File: BM041674.D
Acq: 07 Sep 2023 00:49

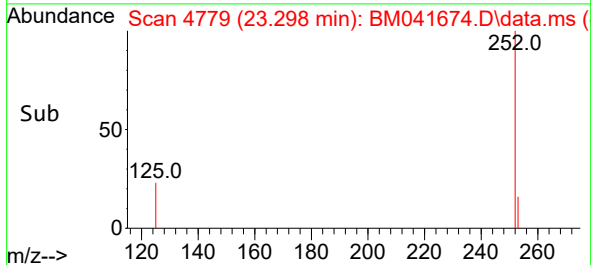
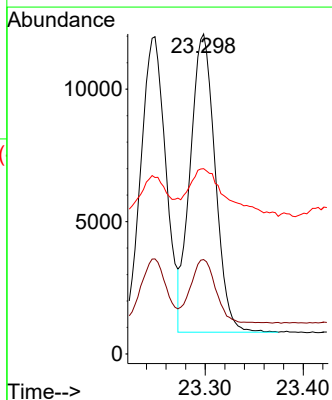
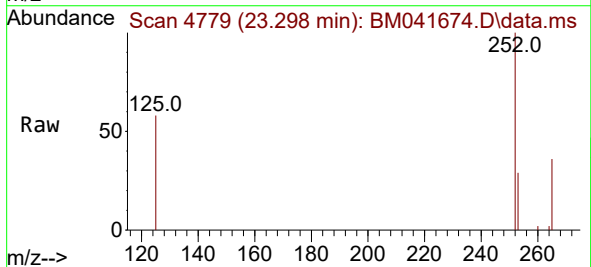
Instrument :
BNA_M
ClientSampleId :
SLCS142

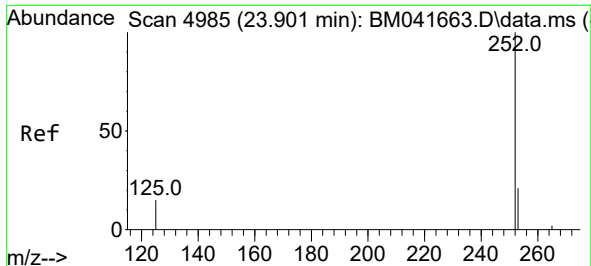
Tgt Ion:252 Resp: 20018
Ion Ratio Lower Upper
252 100
253 30.0 0.0 52.4
125 55.6 0.0 42.8#



#25
Benzo(k)fluoranthene
Concen: 0.240 ng/ul
RT: 23.298 min Scan# 4779
Delta R.T. -0.006 min
Lab File: BM041674.D
Acq: 07 Sep 2023 00:49

Tgt Ion:252 Resp: 19919
Ion Ratio Lower Upper
252 100
253 29.5 21.3 31.9
125 57.9 17.4 26.0#

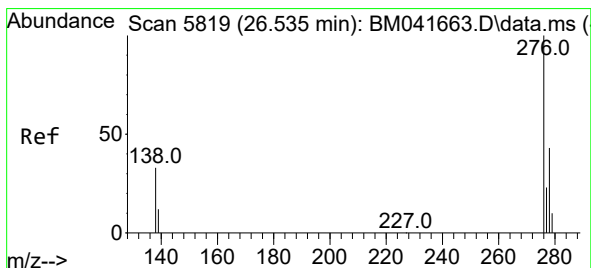
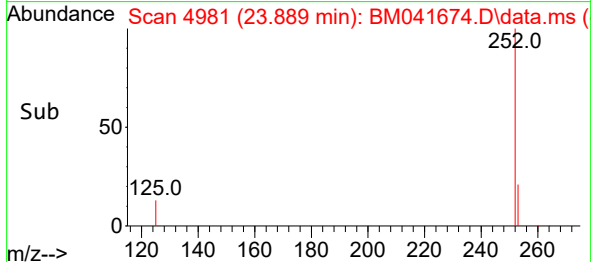
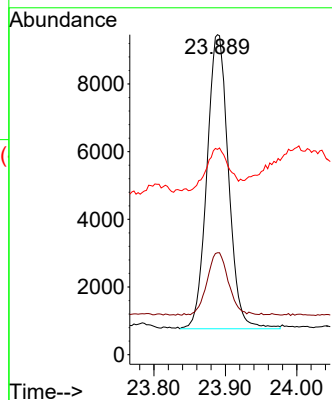
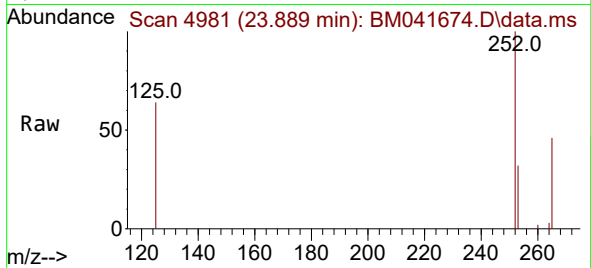




#26
Benzo(a)pyrene
Concen: 0.265 ng/ul
RT: 23.889 min Scan# 4981
Delta R.T. -0.009 min
Lab File: BM041674.D
Acq: 07 Sep 2023 00:49

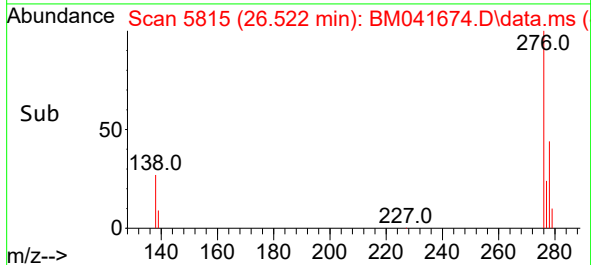
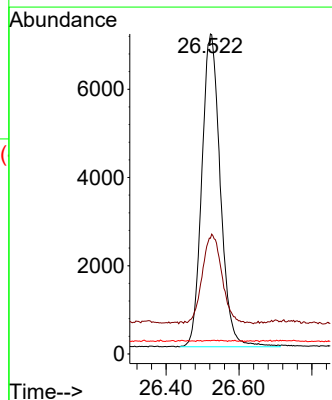
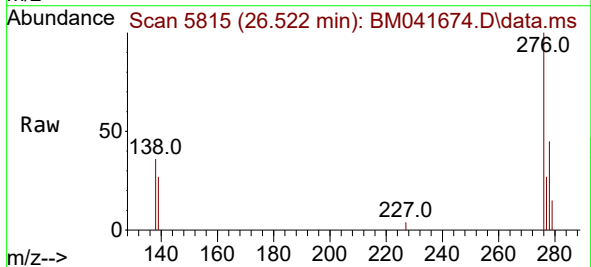
Instrument :
BNA_M
ClientSampleId :
SLCS142

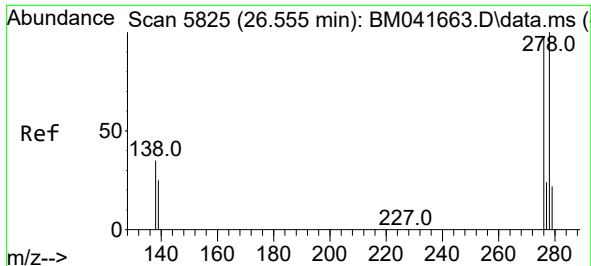
Tgt Ion:252 Resp: 18245
Ion Ratio Lower Upper
252 100
253 31.9 22.4 33.6
125 64.1 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.264 ng/ul
RT: 26.522 min Scan# 5815
Delta R.T. -0.010 min
Lab File: BM041674.D
Acq: 07 Sep 2023 00:49

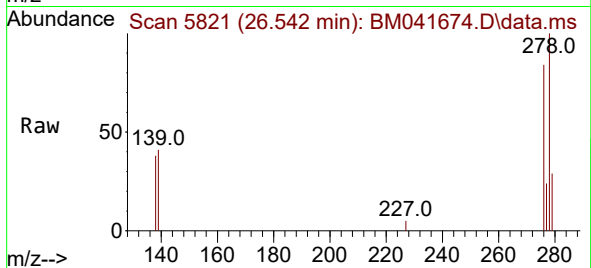
Tgt Ion:276 Resp: 24930
Ion Ratio Lower Upper
276 100
138 30.0 26.4 39.6
227 0.1 0.1 0.1



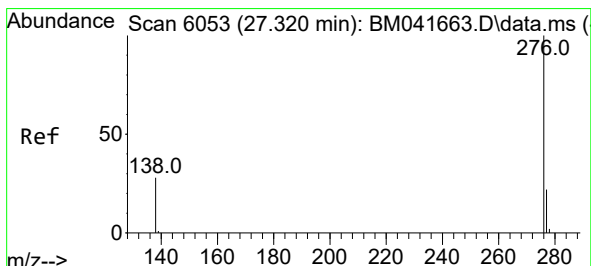
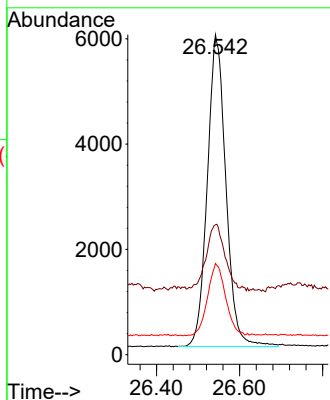
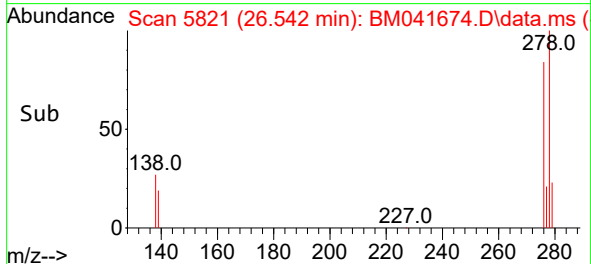


#28
Dibenzo(a,h)anthracene
Concen: 0.278 ng/ul
RT: 26.542 min Scan# 5821
Delta R.T. -0.010 min
Lab File: BM041674.D
Acq: 07 Sep 2023 00:49

Instrument :
BNA_M
ClientSampleId :
SLCS142



Tgt Ion:278 Resp: 18407
Ion Ratio Lower Upper
278 100
139 40.6 23.0 34.6#
279 28.5 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.247 ng/ul
RT: 27.306 min Scan# 6049
Delta R.T. -0.010 min
Lab File: BM041674.D
Acq: 07 Sep 2023 00:49

Tgt Ion:276 Resp: 20652
Ion Ratio Lower Upper
276 100
138 36.2 25.0 37.4
277 26.7 20.2 30.2

