

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041577.D
 Acq On : 30 Aug 2023 13:19
 Operator : MA/JU
 Sample : PB155102BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS102

Quant Time: Aug 31 02:17:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 30 01:50:06 2023
 Response via : Initial Calibration

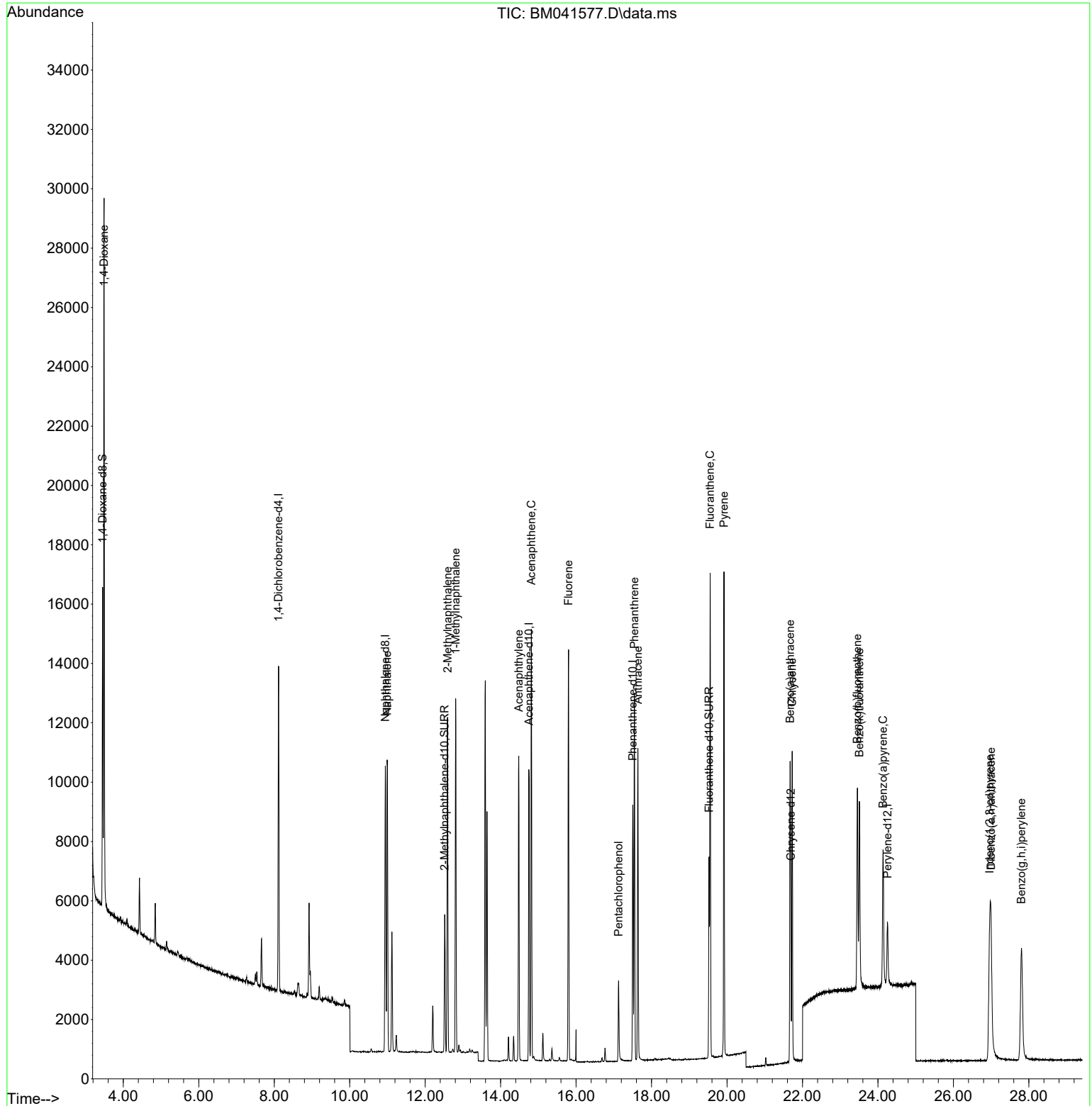
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	5439	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	12261	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.749	164	4806	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.502	188	8822	0.400	ng/ul	0.00
17) Chrysene-d12	21.691	240	3038	0.400	ng/ul	0.00
23) Perylene-d12	24.254	264	3190	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	5690	0.709	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.517	152	5682	0.384	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	5634	0.376	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.490	88	14016	1.637	ng/ul#	85
5) Naphthalene	10.994	128	13364	0.341	ng/ul	99
7) 2-Methylnaphthalene	12.594	142	7479	0.336	ng/ul	99
8) 1-Methylnaphthalene	12.808	142	7844	0.349	ng/ul	99
10) Acenaphthylene	14.481	152	11361	0.339	ng/ul	99
11) Acenaphthene	14.814	153	7831	0.339	ng/ul	97
12) Fluorene	15.800	166	8500	0.338	ng/ul	97
14) Pentachlorophenol	17.126	266	1967	0.580	ng/ul	98
15) Phenanthrene	17.544	178	12846	0.333	ng/ul	99
16) Anthracene	17.637	178	11258	0.336	ng/ul	98
19) Fluoranthene	19.552	202	12980	0.326	ng/ul	97
20) Pyrene	19.919	202	12822	0.320	ng/ul	97
21) Benzo(a)anthracene	21.670	228	8549	0.315	ng/ul	99
22) Chrysene	21.726	228	9501	0.326	ng/ul	99
24) Benzo(b)fluoranthene	23.456	252	9355	0.316	ng/ul	97
25) Benzo(k)fluoranthene	23.509	252	9284	0.330	ng/ul	97
26) Benzo(a)pyrene	24.137	252	8161	0.309	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.961	276	10841	0.307	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.998	278	7348	0.310	ng/ul	96
29) Benzo(g,h,i)perylene	27.803	276	9725	0.329	ng/ul	99

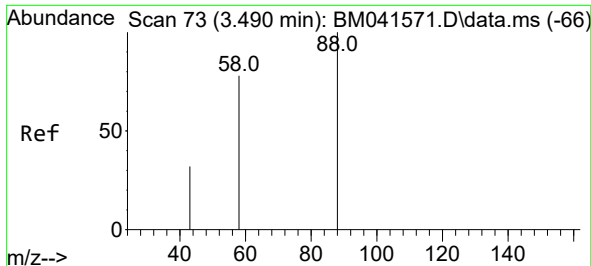
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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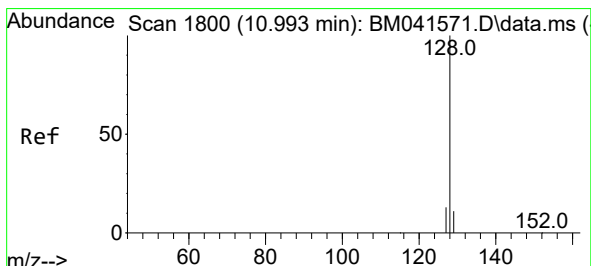
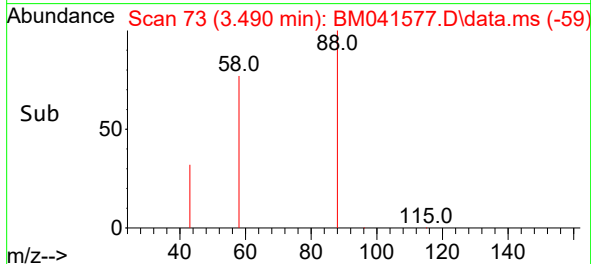
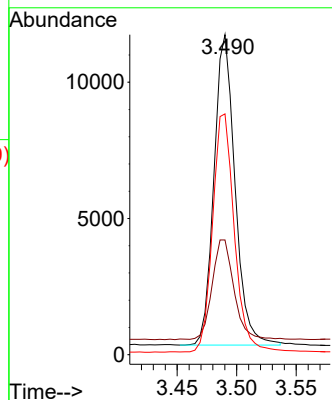
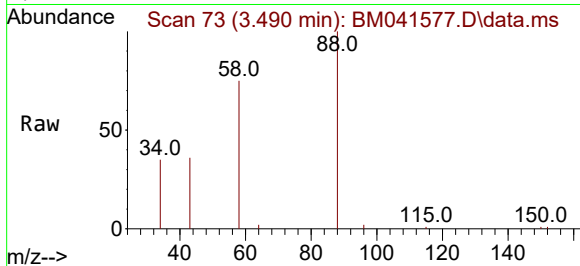




#2
1,4-Dioxane
Concen: 1.637 ng/ul
RT: 3.490 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

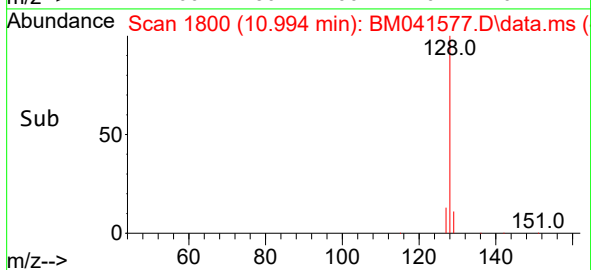
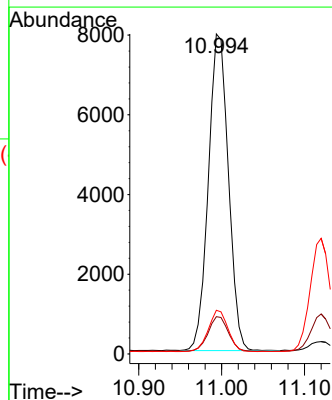
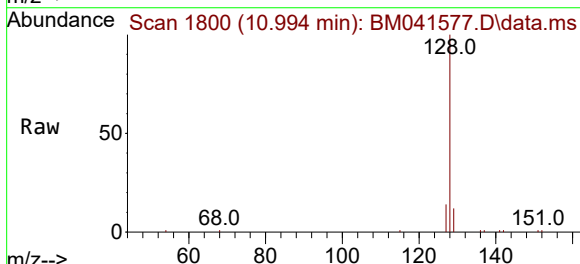
Instrument :
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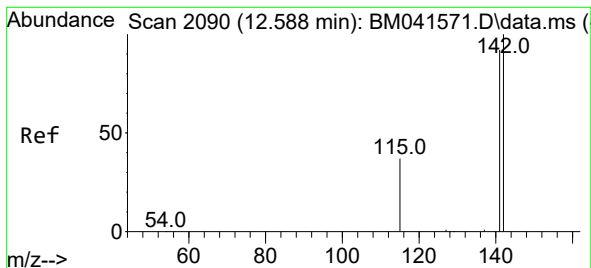
Tgt Ion: 88 Resp: 14016
Ion Ratio Lower Upper
88 100
43 35.8 46.2 69.2#
58 75.3 58.1 87.1



#5
Naphthalene
Concen: 0.341 ng/ul
RT: 10.994 min Scan# 1800
Delta R.T. -0.005 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion: 128 Resp: 13364
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.7 10.6 15.8

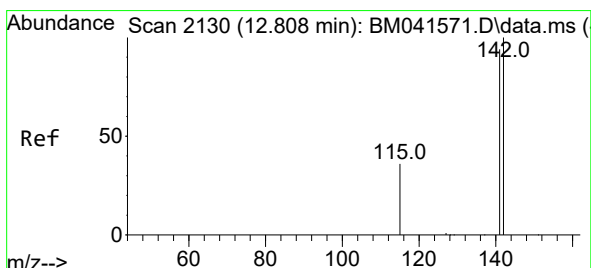
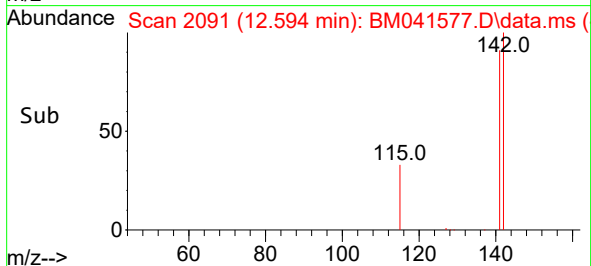
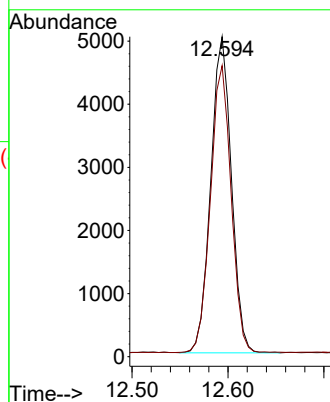
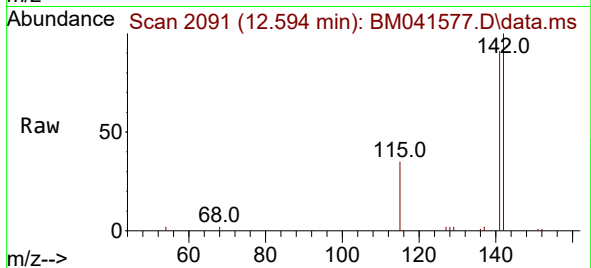




#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.594 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

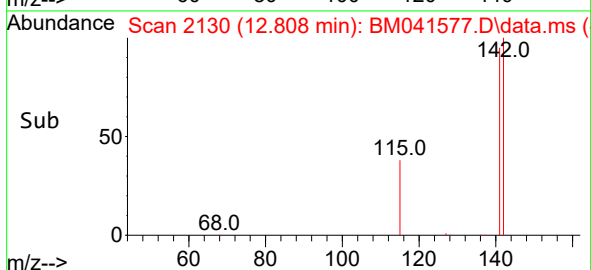
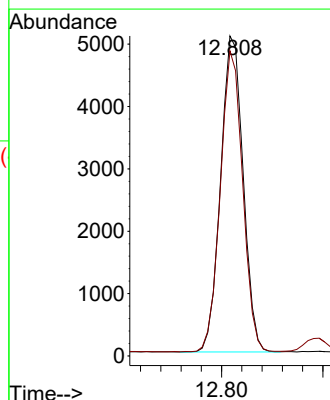
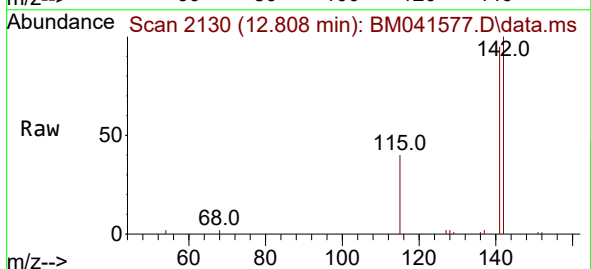
Instrument :
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ClientSampleId :
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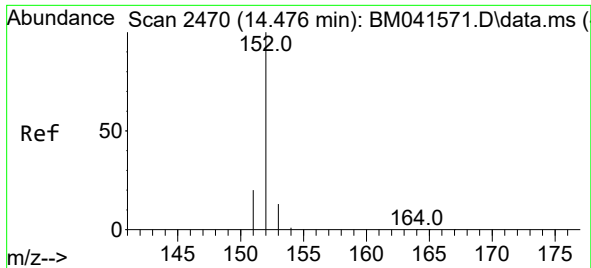
Tgt Ion:142 Resp: 7479
Ion Ratio Lower Upper
142 100
141 90.9 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.808 min Scan# 2130
Delta R.T. -0.005 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:142 Resp: 7844
Ion Ratio Lower Upper
142 100
141 94.0 74.2 111.2

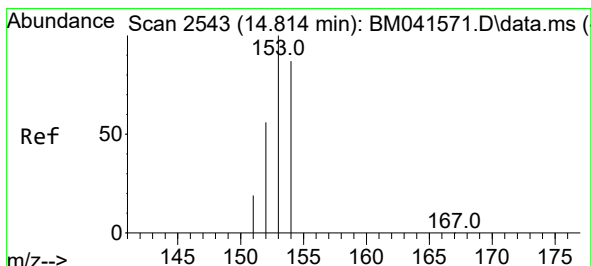
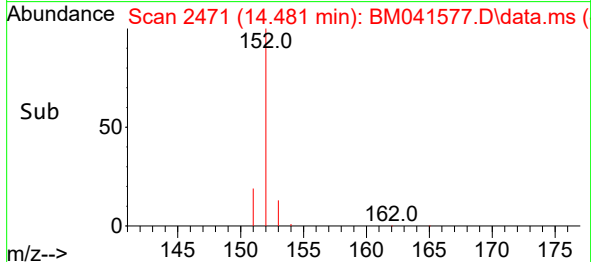
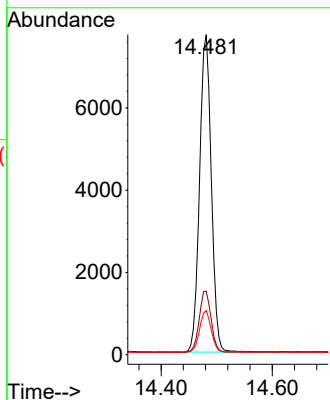
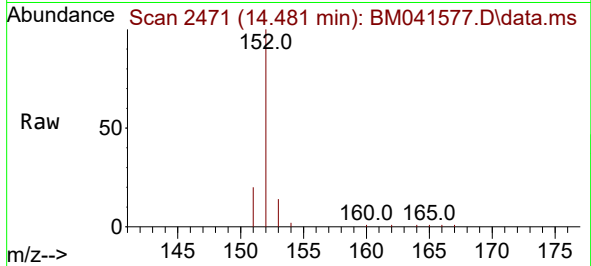




#10
Acenaphthylene
Concen: 0.339 ng/ul
RT: 14.481 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

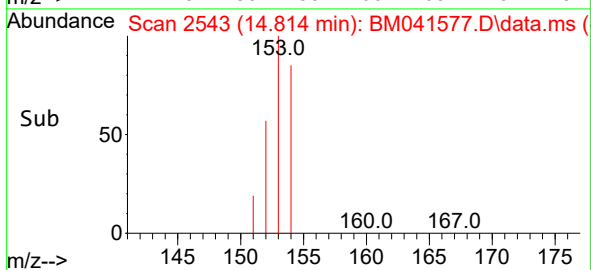
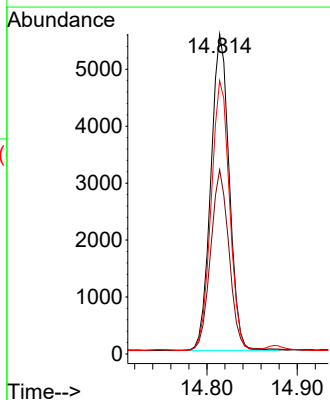
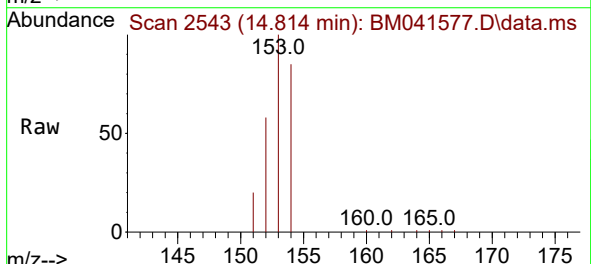
Instrument :
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ClientSampleId :
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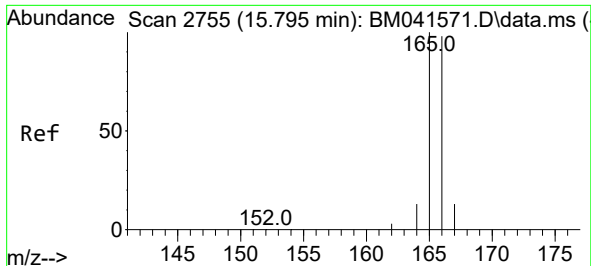
Tgt Ion:152 Resp: 11361
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.8 10.6 15.8



#11
Acenaphthene
Concen: 0.339 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.004 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:153 Resp: 7831
Ion Ratio Lower Upper
153 100
152 57.6 43.4 65.2
154 85.4 70.2 105.2

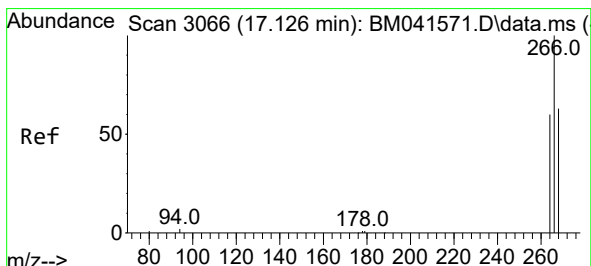
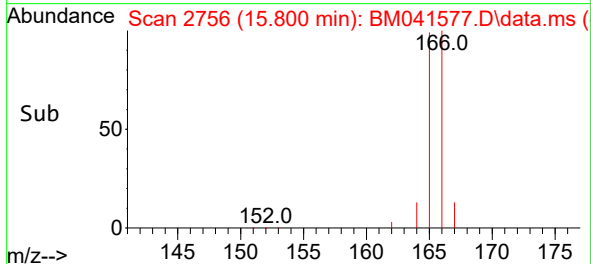
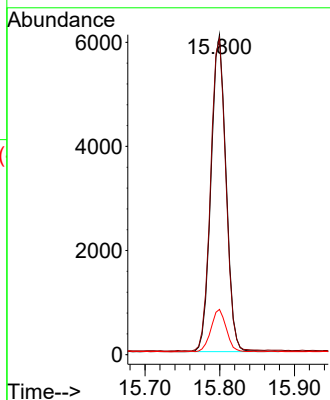
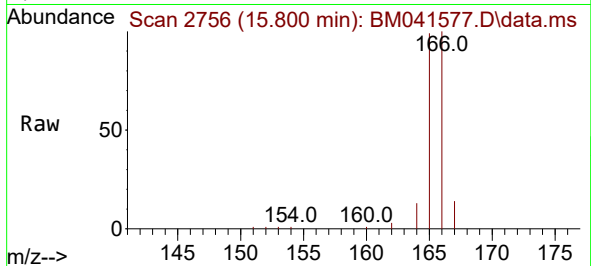




#12
Fluorene
Concen: 0.338 ng/ul
RT: 15.800 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

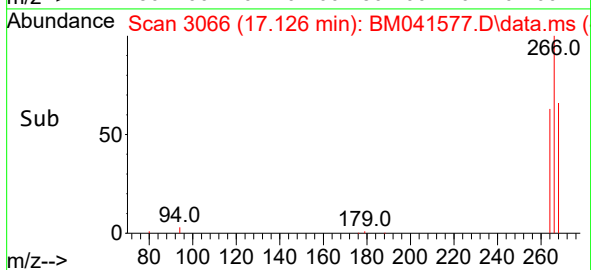
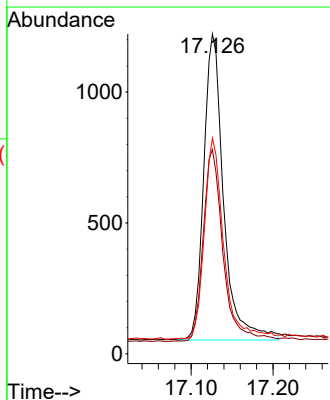
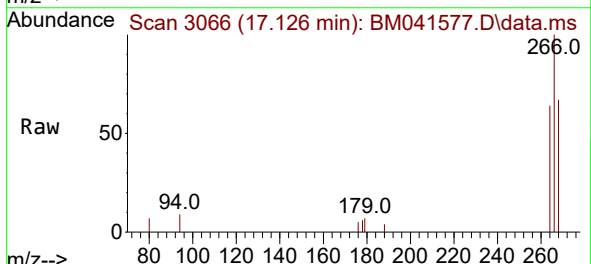
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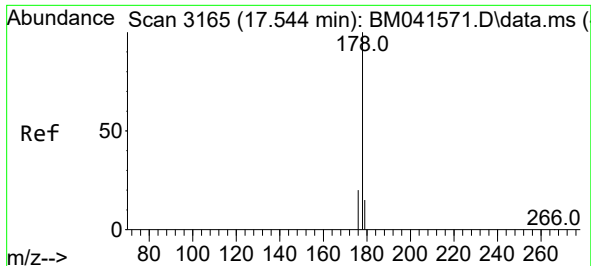
Tgt Ion:166 Resp: 8500
Ion Ratio Lower Upper
166 100
165 98.9 82.2 123.2
167 14.2 11.5 17.3



#14
Pentachlorophenol
Concen: 0.580 ng/ul
RT: 17.126 min Scan# 3066
Delta R.T. 0.000 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:266 Resp: 1967
Ion Ratio Lower Upper
266 100
264 62.6 49.3 73.9
268 64.4 50.2 75.4

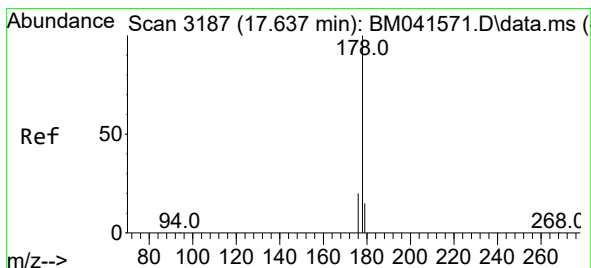
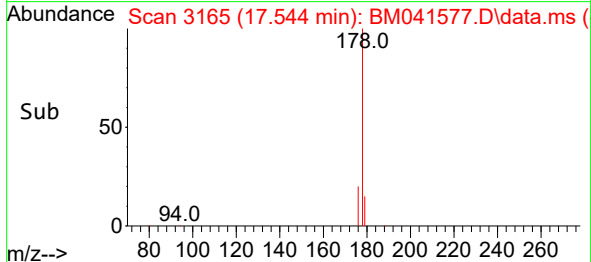
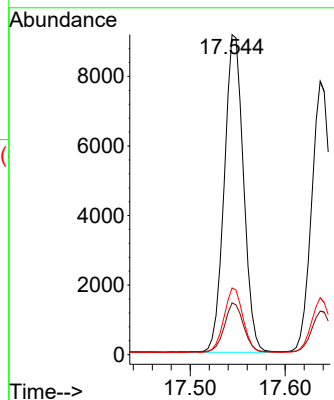
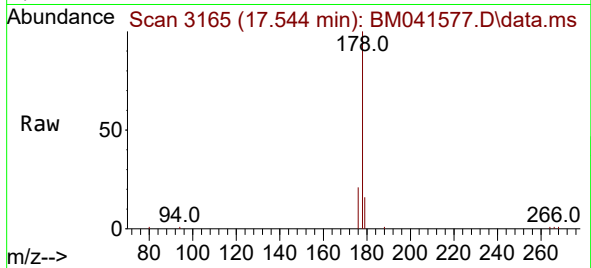




#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

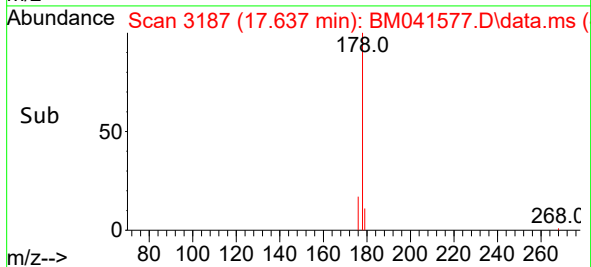
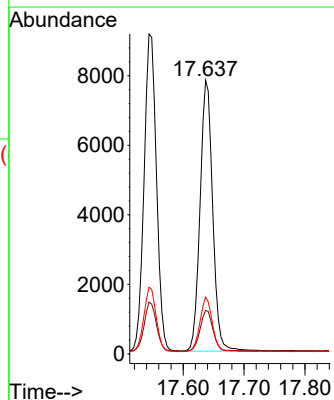
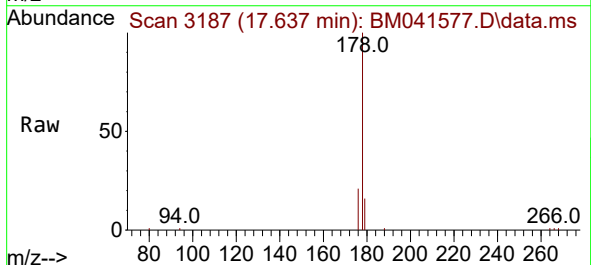
Instrument :
BNA_M
ClientSampleId :
SLCS102

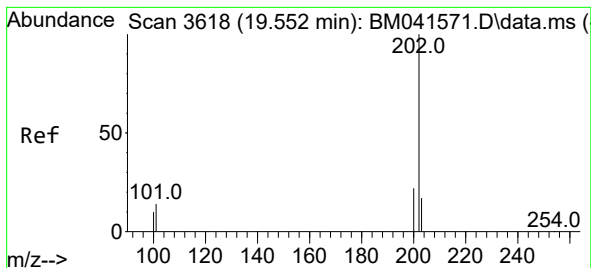
Tgt Ion:178 Resp: 12846
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.9 16.2 24.4



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.637 min Scan# 3187
Delta R.T. -0.004 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:178 Resp: 11258
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 20.8 15.6 23.4





#19

Fluoranthene

Concen: 0.326 ng/ul

RT: 19.552 min Scan# 3618

Delta R.T. -0.004 min

Lab File: BM041577.D

Acq: 30 Aug 2023 13:19

Instrument :

BNA_M

ClientSampleId :

SLCS102

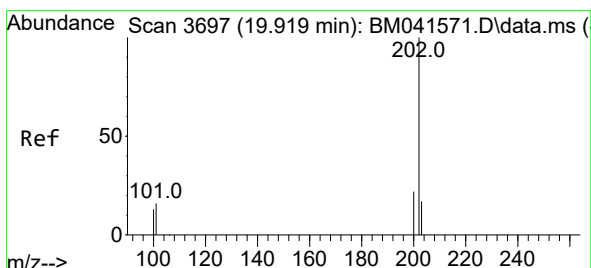
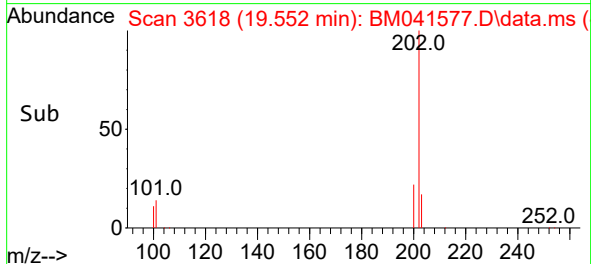
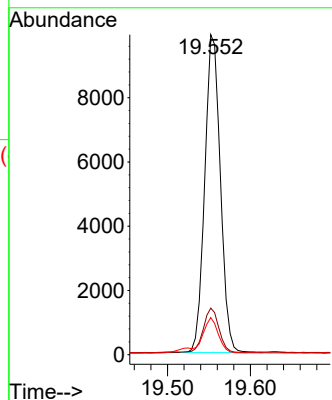
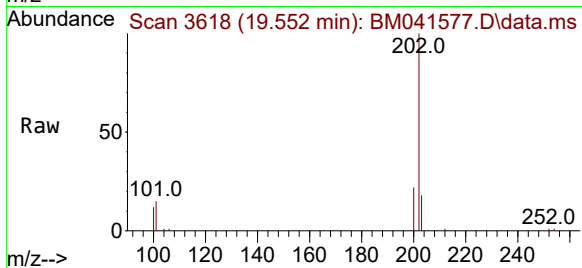
Tgt Ion:202 Resp: 12980

Ion Ratio Lower Upper

202 100

101 14.6 10.7 16.1

100 11.6 8.1 12.1



#20

Pyrene

Concen: 0.320 ng/ul

RT: 19.919 min Scan# 3697

Delta R.T. -0.004 min

Lab File: BM041577.D

Acq: 30 Aug 2023 13:19

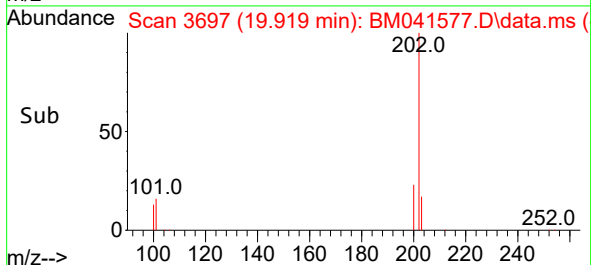
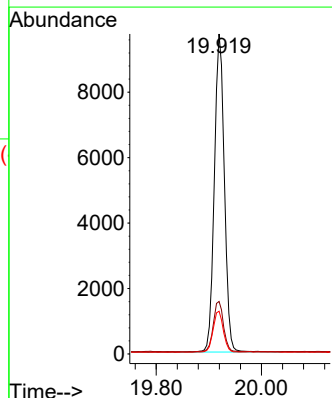
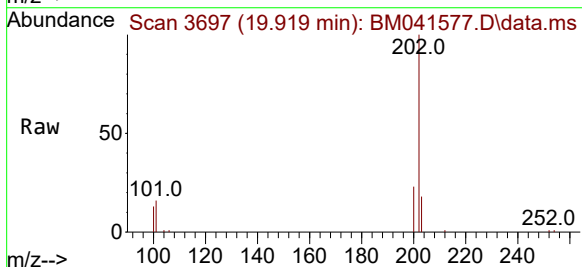
Tgt Ion:202 Resp: 12822

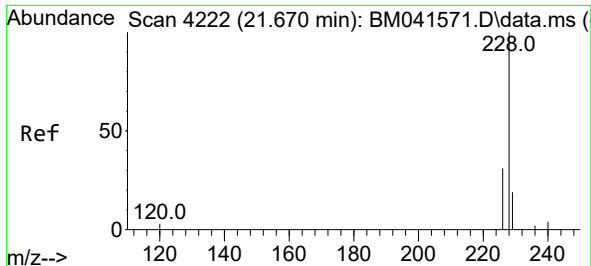
Ion Ratio Lower Upper

202 100

101 16.4 12.2 18.4

100 13.4 9.8 14.8

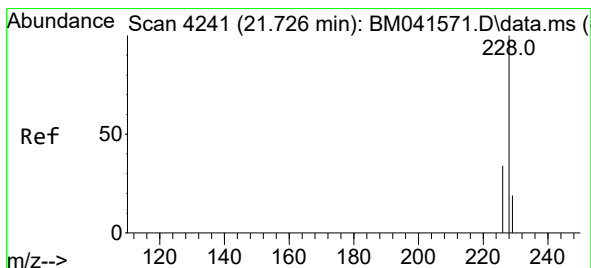
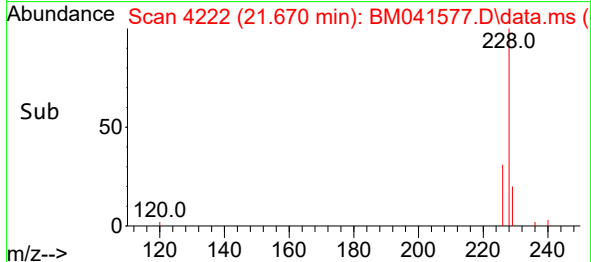
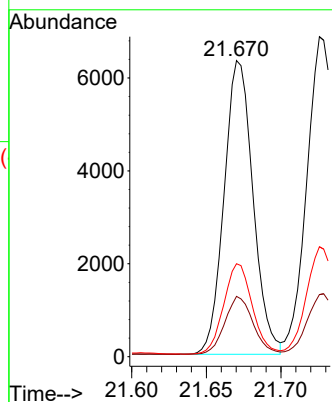
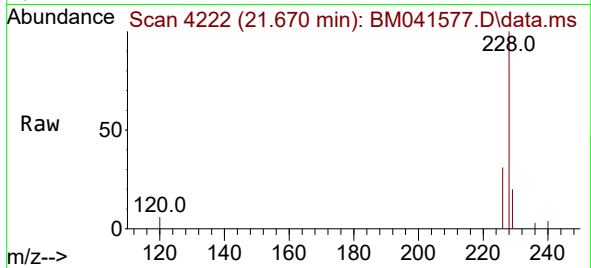




#21
Benzo(a)anthracene
Concen: 0.315 ng/ul
RT: 21.670 min Scan# 4222
Delta R.T. 0.000 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

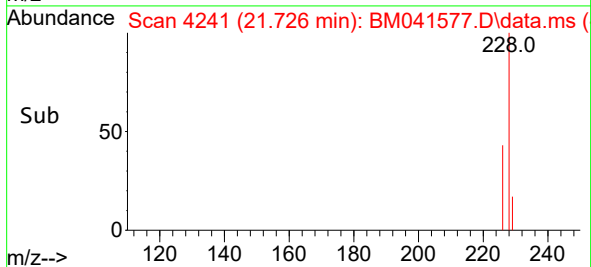
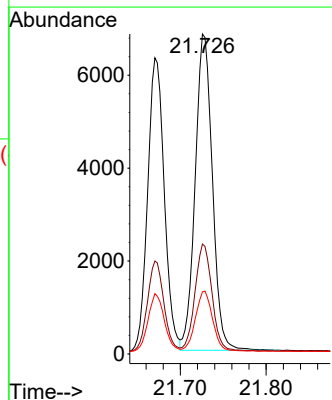
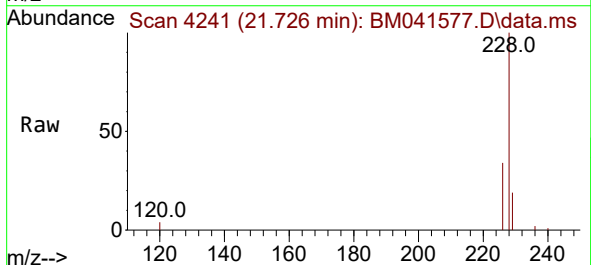
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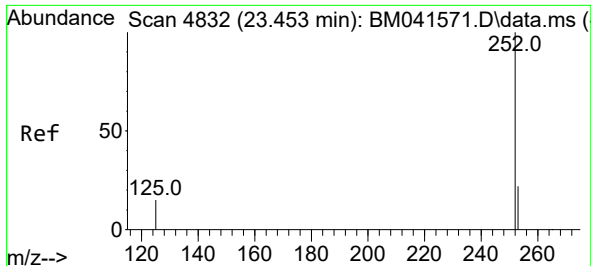
Tgt Ion:228 Resp: 8549
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 31.4 25.0 37.4



#22
Chrysene
Concen: 0.326 ng/ul
RT: 21.726 min Scan# 4241
Delta R.T. -0.003 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

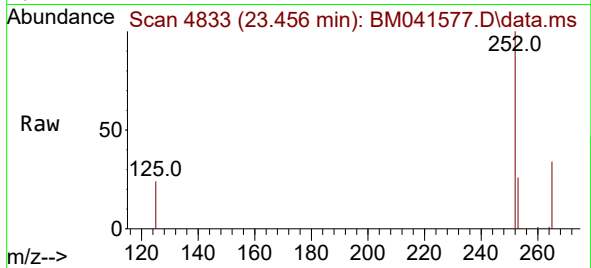
Tgt Ion:228 Resp: 9501
Ion Ratio Lower Upper
228 100
226 34.3 26.7 40.1
229 19.4 15.9 23.9



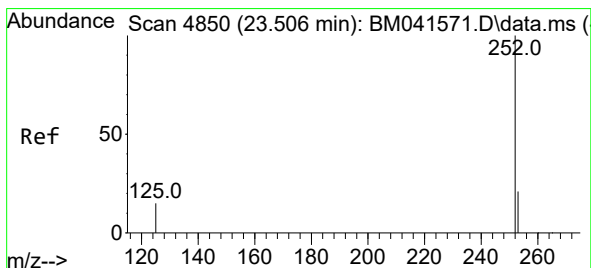
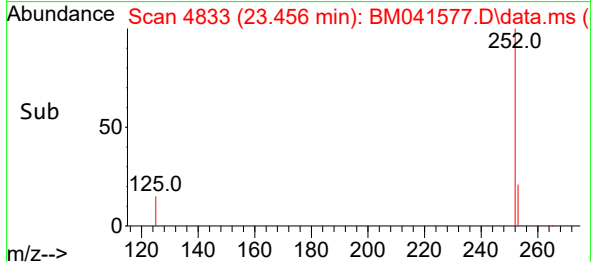
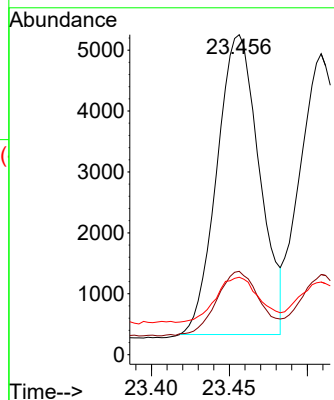


#24
Benzo(b)fluoranthene
Concen: 0.316 ng/ul
RT: 23.456 min Scan# 4833
Delta R.T. -0.003 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Instrument :
BNA_M
ClientSampleId :
SLCS102

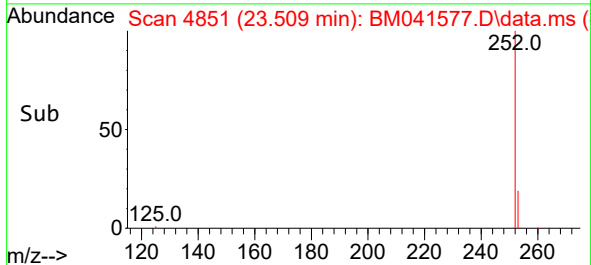
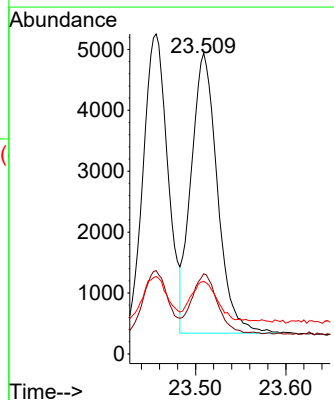
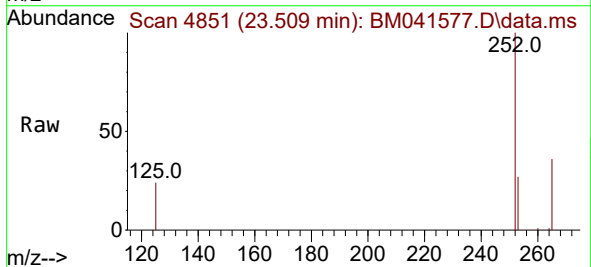


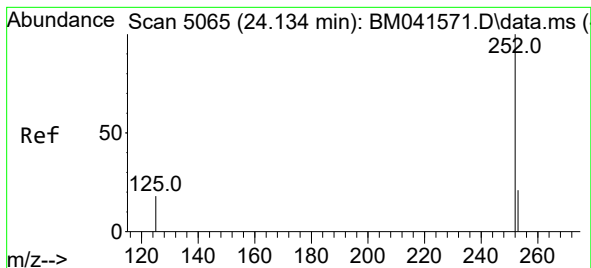
Tgt Ion:252 Resp: 9355
Ion Ratio Lower Upper
252 100
253 26.0 0.0 50.0
125 24.2 0.0 44.0



#25
Benzo(k)fluoranthene
Concen: 0.330 ng/ul
RT: 23.509 min Scan# 4851
Delta R.T. -0.003 min
Lab File: BM041577.D
Acq: 30 Aug 2023 13:19

Tgt Ion:252 Resp: 9284
Ion Ratio Lower Upper
252 100
253 26.6 20.2 30.4
125 24.1 18.2 27.4





#26

Benzo(a)pyrene

Concen: 0.309 ng/ul

RT: 24.137 min Scan# 5065

Delta R.T. 0.000 min

Lab File: BM041577.D

Acq: 30 Aug 2023 13:19

Instrument :

BNA_M

ClientSampleId :

SLCS102

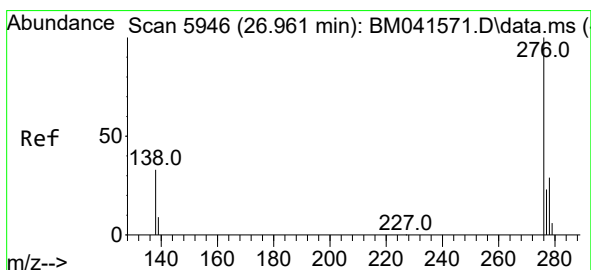
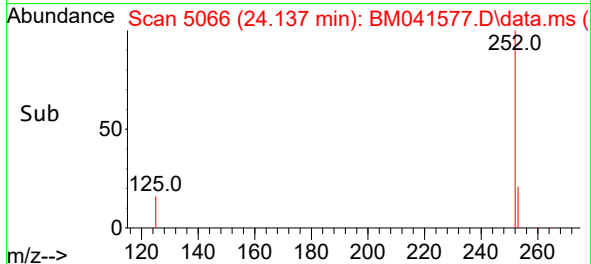
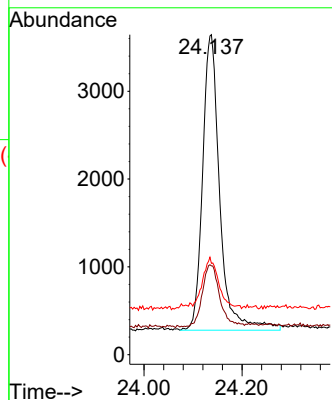
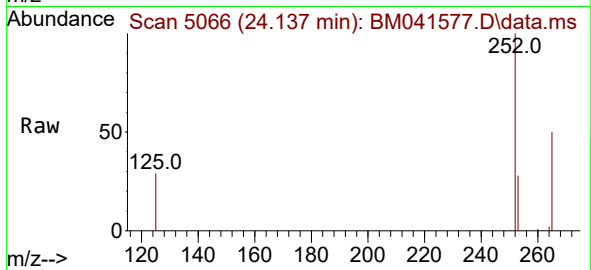
Tgt Ion:252 Resp: 8161

Ion Ratio Lower Upper

252 100

253 27.8 20.9 31.3

125 28.5 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.307 ng/ul

RT: 26.961 min Scan# 5946

Delta R.T. -0.003 min

Lab File: BM041577.D

Acq: 30 Aug 2023 13:19

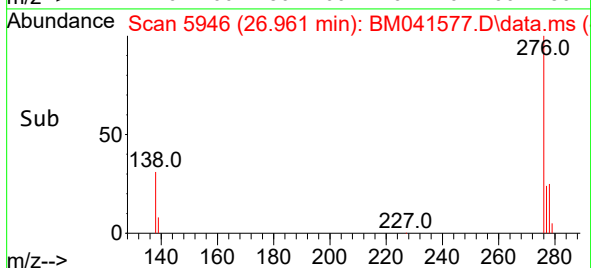
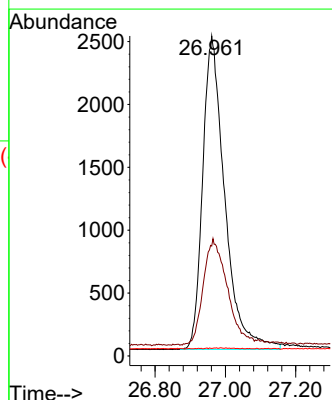
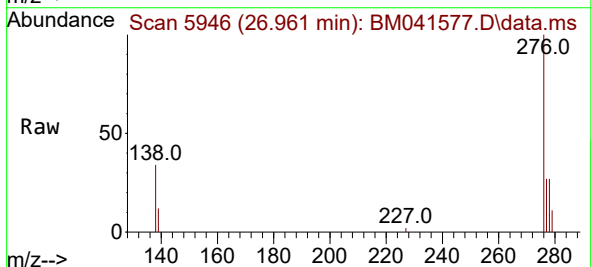
Tgt Ion:276 Resp: 10841

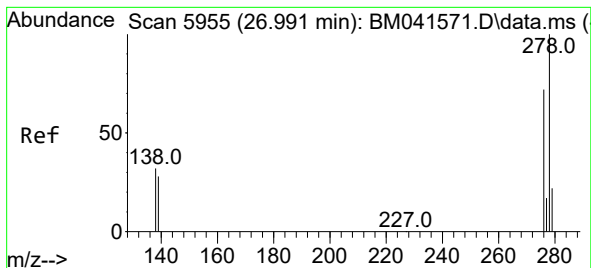
Ion Ratio Lower Upper

276 100

138 38.2 30.3 45.5

227 0.0 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.310 ng/ul

RT: 26.998 min Scan# 5957

Delta R.T. 0.004 min

Lab File: BM041577.D

Acq: 30 Aug 2023 13:19

Instrument :

BNA_M

ClientSampleId :

SLCS102

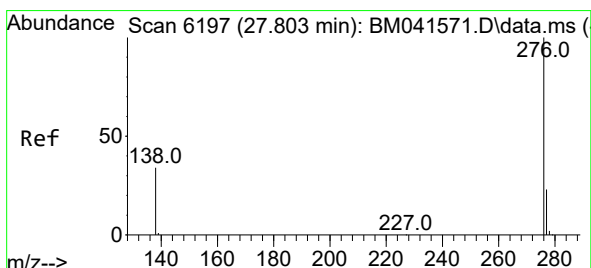
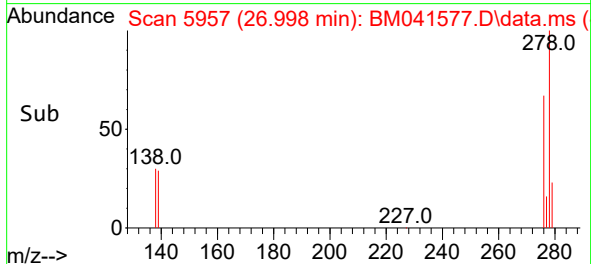
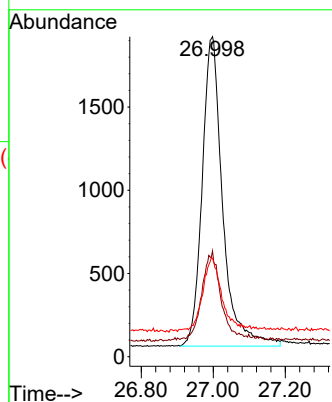
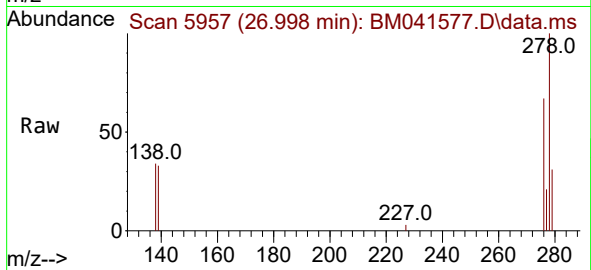
Tgt Ion:278 Resp: 7348

Ion Ratio Lower Upper

278 100

139 33.0 25.0 37.4

279 30.7 22.6 34.0



#29

Benzo(g,h,i)perylene

Concen: 0.329 ng/ul

RT: 27.803 min Scan# 6197

Delta R.T. -0.003 min

Lab File: BM041577.D

Acq: 30 Aug 2023 13:19

Tgt Ion:276 Resp: 9725

Ion Ratio Lower Upper

276 100

138 35.5 27.4 41.0

277 25.7 20.4 30.6

