

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082923\
 Data File : BM041576.D
 Acq On : 30 Aug 2023 12:42
 Operator : MA/JU
 Sample : PB155079BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS079

Quant Time: Aug 31 02:16:57 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

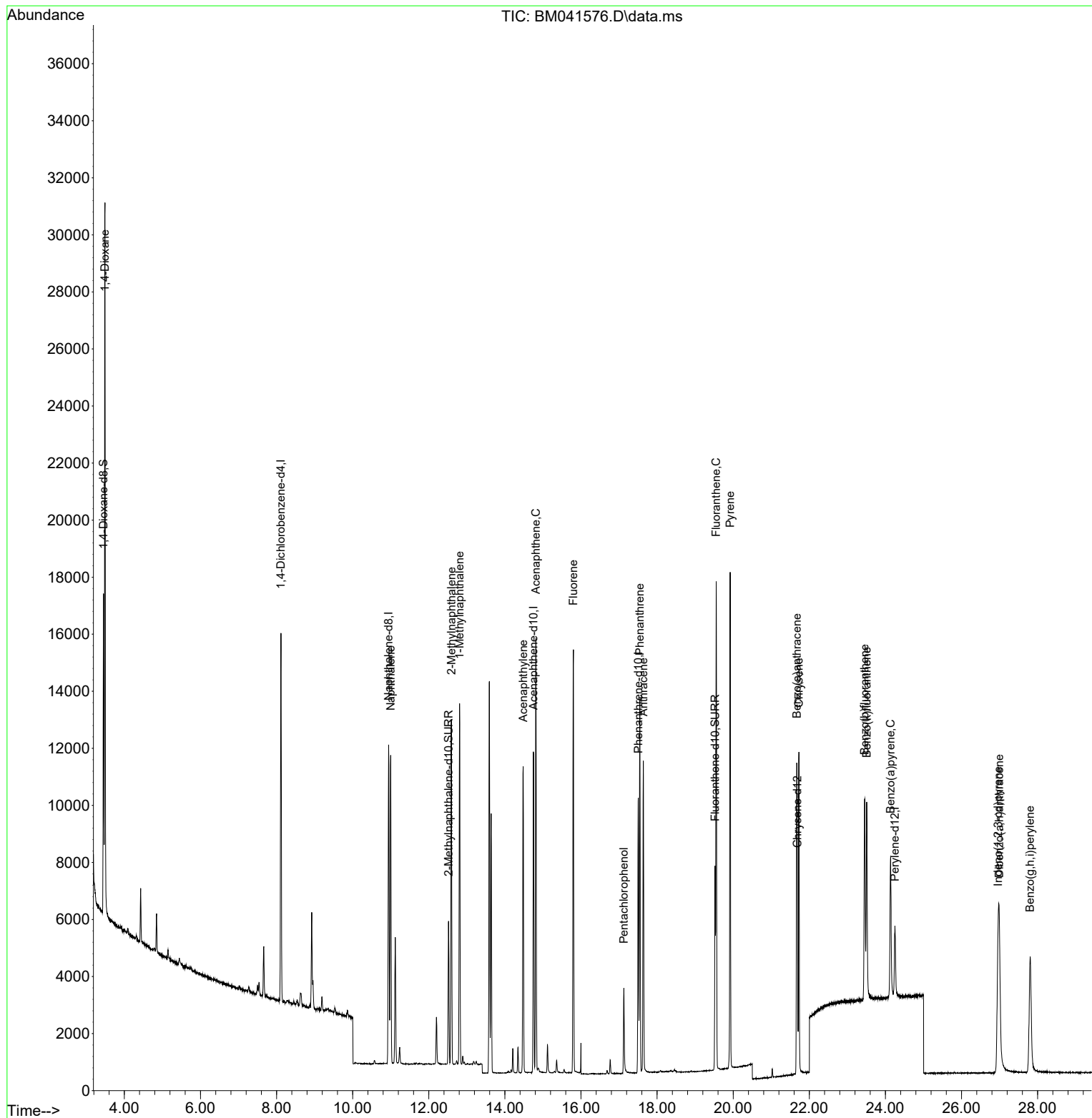
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	6356	0.400	ng/ul	0.00
4) Naphthalene-d8	10.944	136	14265	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.754	164	5523	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.506	188	10080	0.400	ng/ul	0.00
17) Chrysene-d12	21.688	240	3538	0.400	ng/ul	0.00
23) Perylene-d12	24.249	264	3654	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.452	96	6035	0.643	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.522	152	6015	0.350	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	5996	0.344	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.490	88	14903	1.489	ng/ul#	85
5) Naphthalene	10.999	128	14654	0.321	ng/ul	100
7) 2-Methylnaphthalene	12.594	142	8109	0.313	ng/ul	100
8) 1-Methylnaphthalene	12.808	142	8471	0.324	ng/ul	99
10) Acenaphthylene	14.481	152	12157	0.316	ng/ul	100
11) Acenaphthene	14.814	153	8414	0.317	ng/ul	98
12) Fluorene	15.800	166	9032	0.312	ng/ul	97
14) Pentachlorophenol	17.126	266	2061	0.532	ng/ul	98
15) Phenanthrene	17.544	178	13706	0.311	ng/ul	99
16) Anthracene	17.637	178	11801	0.309	ng/ul	99
19) Fluoranthene	19.552	202	13826	0.298	ng/ul	97
20) Pyrene	19.919	202	13686	0.293	ng/ul	97
21) Benzo(a)anthracene	21.670	228	9228	0.292	ng/ul	99
22) Chrysene	21.726	228	10143	0.299	ng/ul	99
24) Benzo(b)fluoranthene	23.453	252	10118	0.298	ng/ul	97
25) Benzo(k)fluoranthene	23.509	252	9870	0.306	ng/ul	97
26) Benzo(a)pyrene	24.135	252	8393	0.278	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.958	276	11454	0.284	ng/ul#	37
28) Dibenzo(a,h)anthracene	26.995	278	7741	0.285	ng/ul	98
29) Benzo(g,h,i)perylene	27.803	276	10211	0.301	ng/ul	99

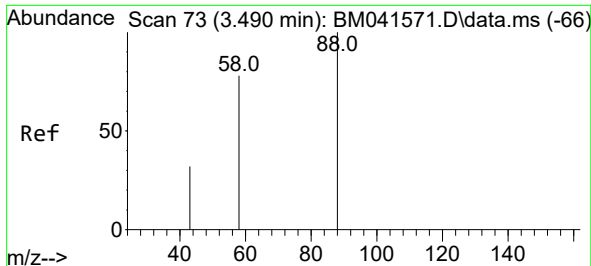
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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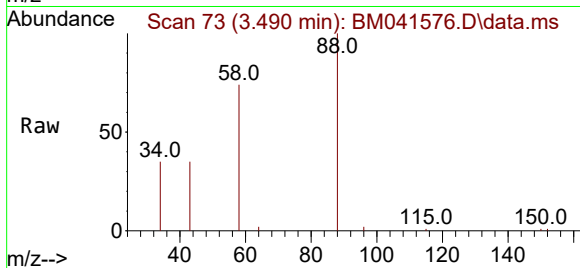
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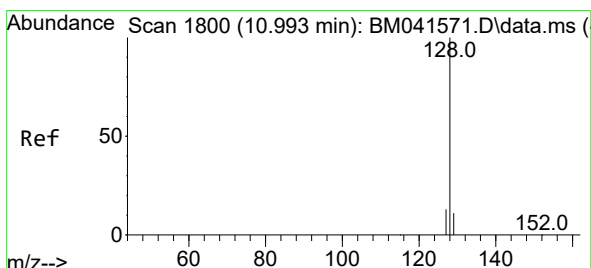
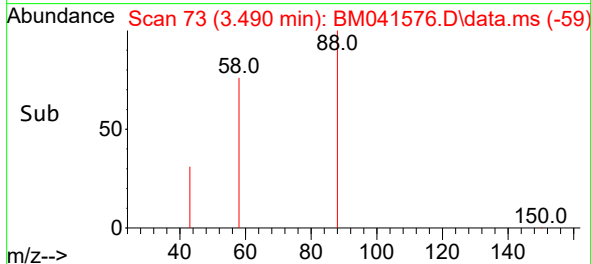
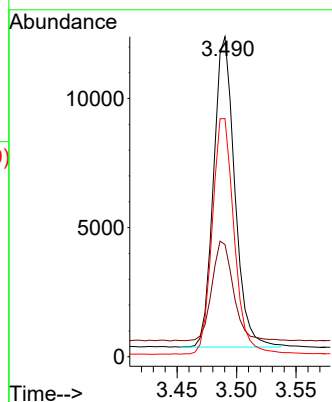


#2
1,4-Dioxane
Concen: 1.489 ng/ul
RT: 3.490 min Scan# 71
Delta R.T. 0.000 min
Lab File: BM041576.D
Acq: 30 Aug 2023 12:42

Instrument :
BNA_M
ClientSampleId :
SLCS079

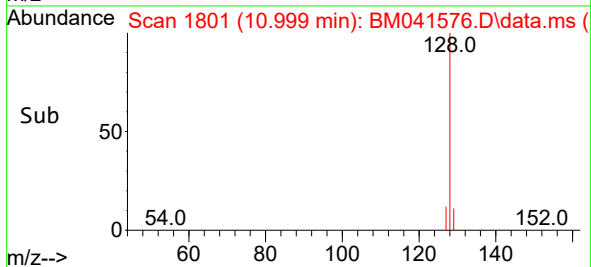
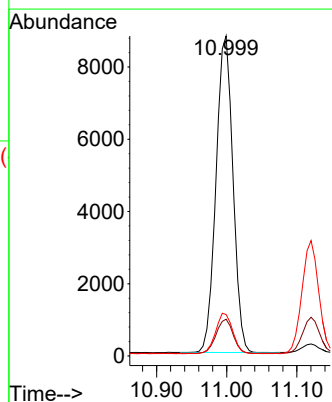
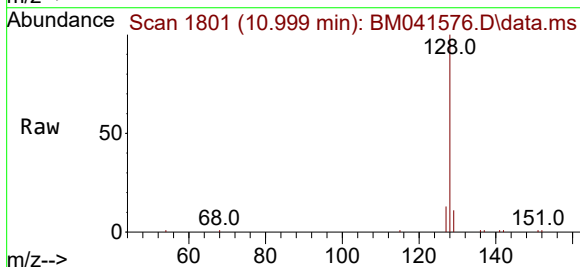


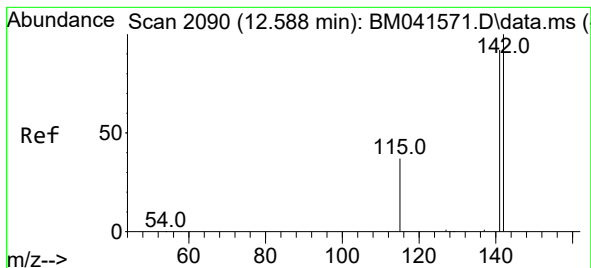
Tgt Ion: 88 Resp: 14903
Ion Ratio Lower Upper
88 100
43 35.0 46.2 69.2#
58 74.4 58.1 87.1



#5
Naphthalene
Concen: 0.321 ng/ul
RT: 10.999 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BM041576.D
Acq: 30 Aug 2023 12:42

Tgt Ion: 128 Resp: 14654
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.0 10.6 15.8





#7

2-Methylnaphthalene

Concen: 0.313 ng/ul

RT: 12.594 min Scan# 2090

Delta R.T. 0.000 min

Lab File: BM041576.D

Acq: 30 Aug 2023 12:42

Instrument :

BNA_M

ClientSampleId :

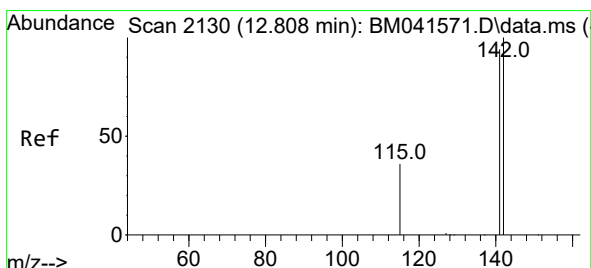
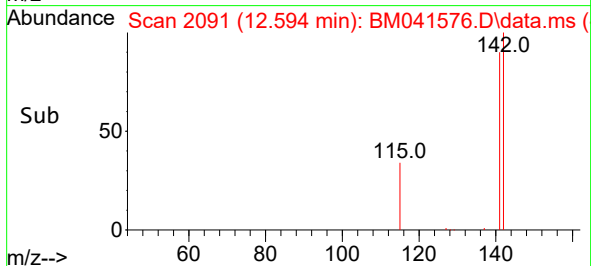
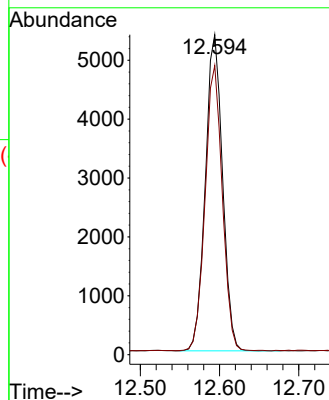
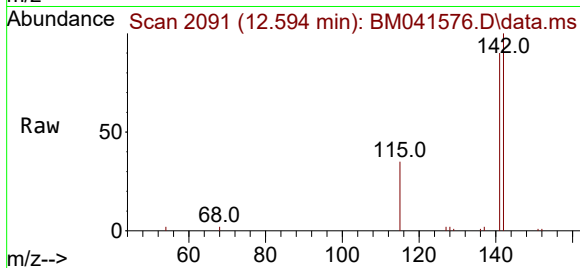
SLCS079

Tgt Ion:142 Resp: 8109

Ion Ratio Lower Upper

142 100

141 90.1 71.8 107.8



#8

1-Methylnaphthalene

Concen: 0.324 ng/ul

RT: 12.808 min Scan# 2130

Delta R.T. -0.005 min

Lab File: BM041576.D

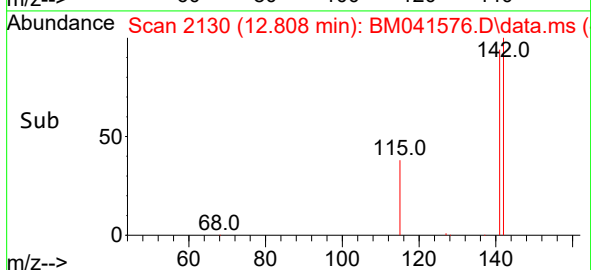
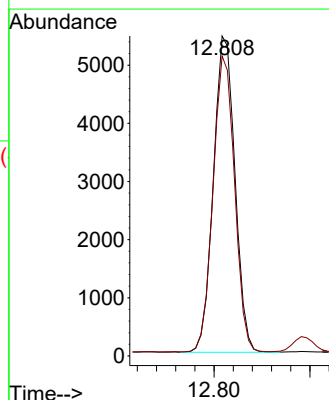
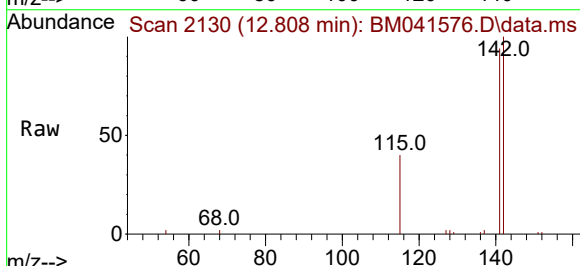
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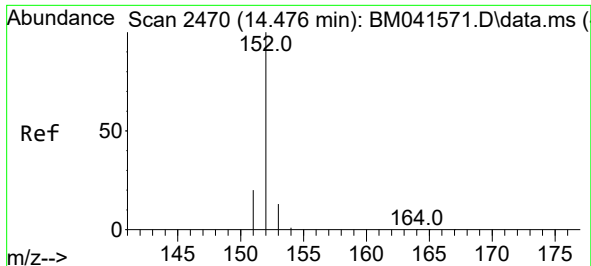
Tgt Ion:142 Resp: 8471

Ion Ratio Lower Upper

142 100

141 93.4 74.2 111.2

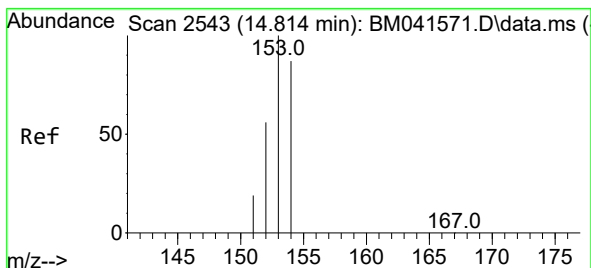
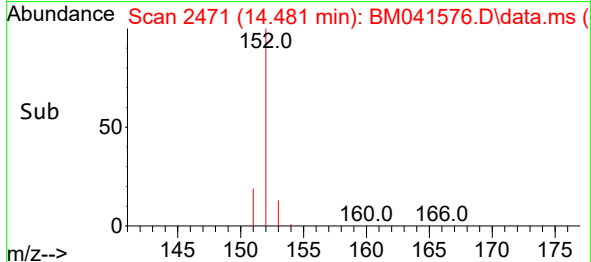
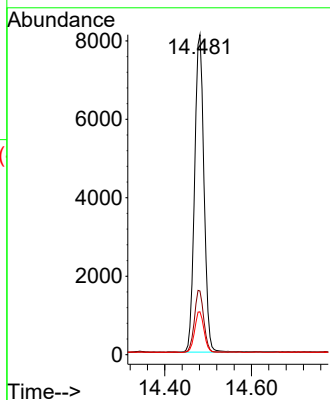
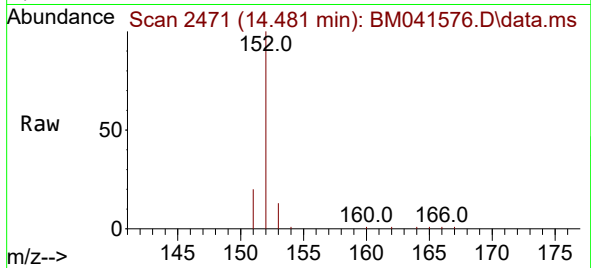




#10
Acenaphthylene
Concen: 0.316 ng/ul
RT: 14.481 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BM041576.D
Acq: 30 Aug 2023 12:42

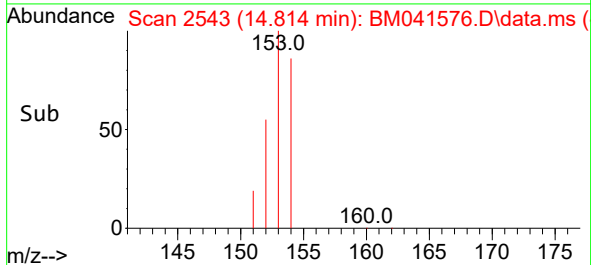
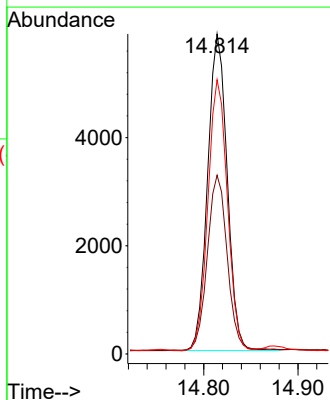
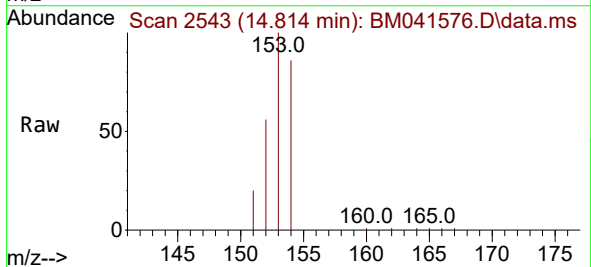
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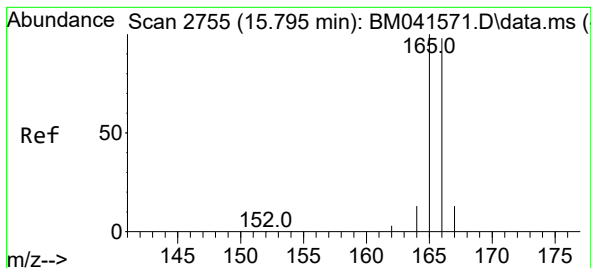
Tgt Ion:152 Resp: 12157
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.4 10.6 15.8



#11
Acenaphthene
Concen: 0.317 ng/ul
RT: 14.814 min Scan# 2543
Delta R.T. -0.004 min
Lab File: BM041576.D
Acq: 30 Aug 2023 12:42

Tgt Ion:153 Resp: 8414
Ion Ratio Lower Upper
153 100
152 55.9 43.4 65.2
154 85.7 70.2 105.2





#12

Fluorene

Concen: 0.312 ng/ul

RT: 15.800 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041576.D

Acq: 30 Aug 2023 12:42

Instrument :

BNA_M

ClientSampleId :

SLCS079

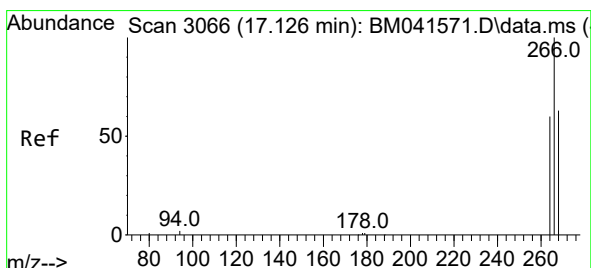
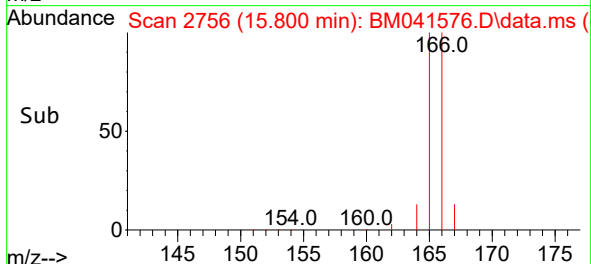
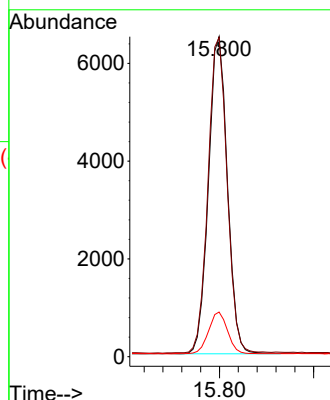
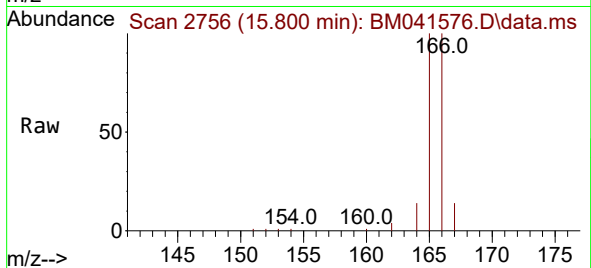
Tgt Ion:166 Resp: 9032

Ion Ratio Lower Upper

166 100

165 99.7 82.2 123.2

167 14.0 11.5 17.3



#14

Pentachlorophenol

Concen: 0.532 ng/ul

RT: 17.126 min Scan# 3066

Delta R.T. 0.000 min

Lab File: BM041576.D

Acq: 30 Aug 2023 12:42

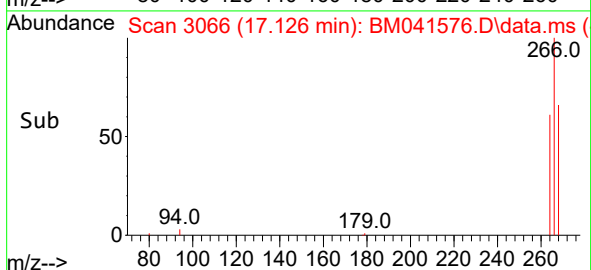
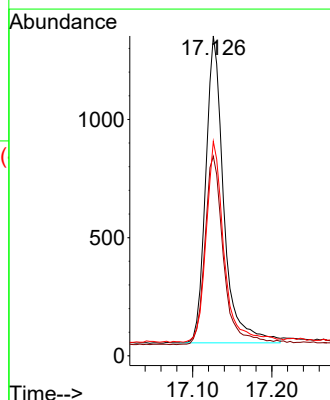
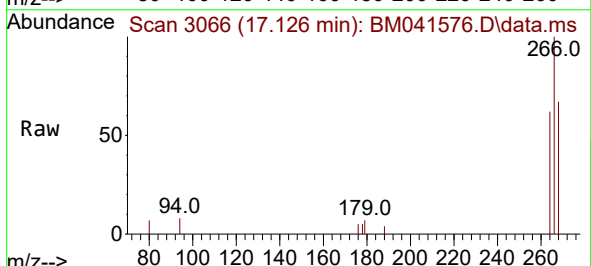
Tgt Ion:266 Resp: 2061

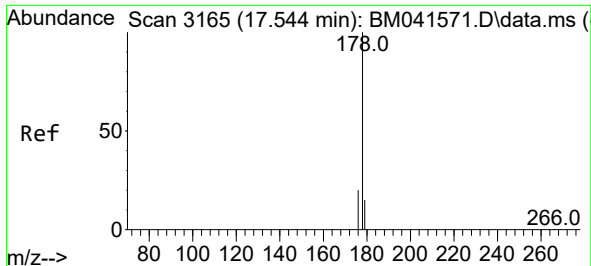
Ion Ratio Lower Upper

266 100

264 63.7 49.3 73.9

268 64.6 50.2 75.4

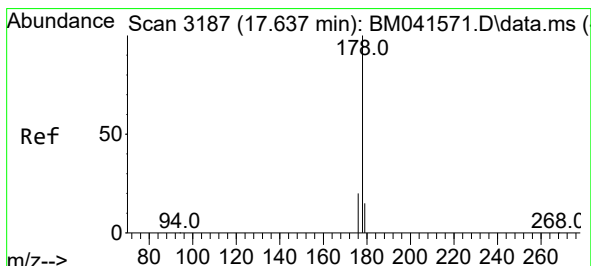
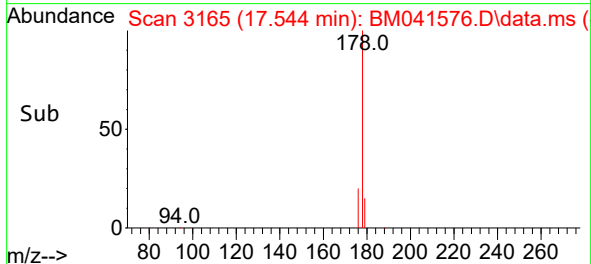
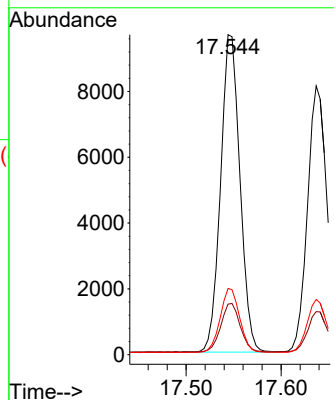
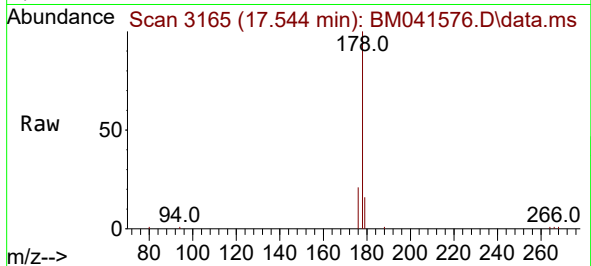




#15
Phenanthrene
Concen: 0.311 ng/ul
RT: 17.544 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM041576.D
Acq: 30 Aug 2023 12:42

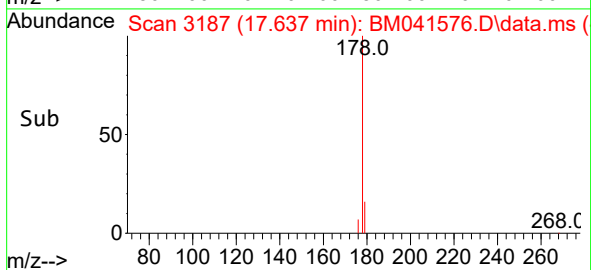
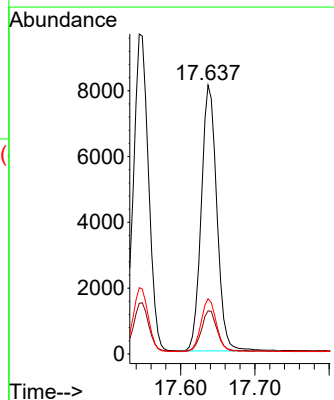
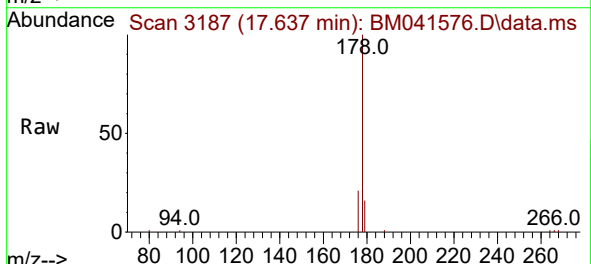
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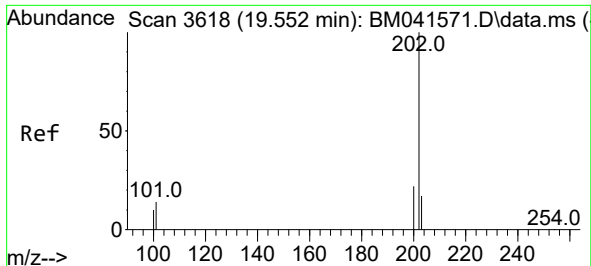
Tgt Ion:178 Resp: 13706
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 20.7 16.2 24.4



#16
Anthracene
Concen: 0.309 ng/ul
RT: 17.637 min Scan# 3187
Delta R.T. -0.004 min
Lab File: BM041576.D
Acq: 30 Aug 2023 12:42

Tgt Ion:178 Resp: 11801
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 20.6 15.6 23.4

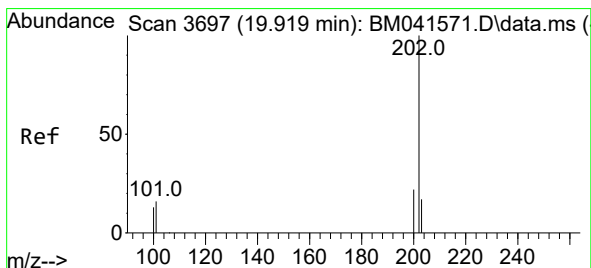
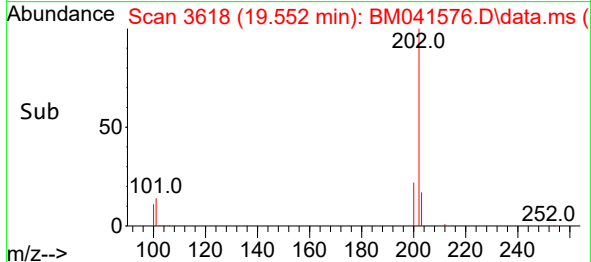
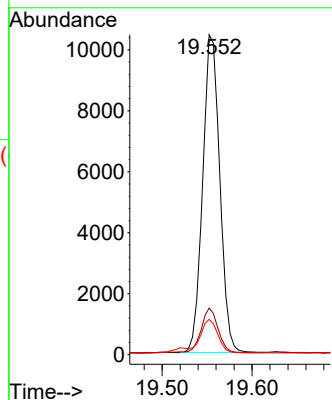
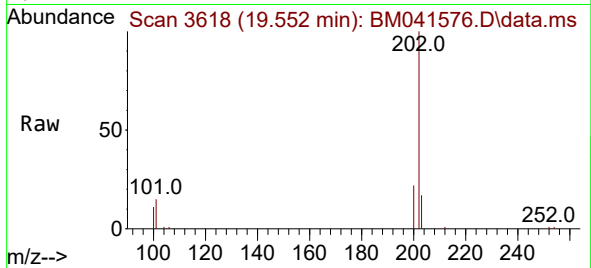




#19
Fluoranthene
Concen: 0.298 ng/ul
RT: 19.552 min Scan# 3618
Delta R.T. -0.004 min
Lab File: BM041576.D
Acq: 30 Aug 2023 12:42

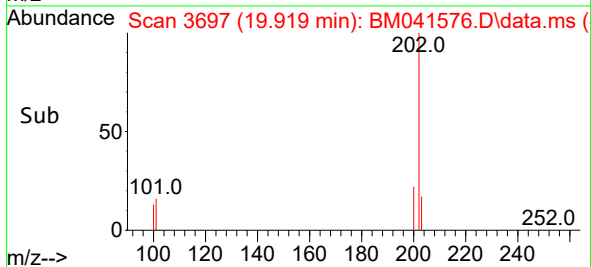
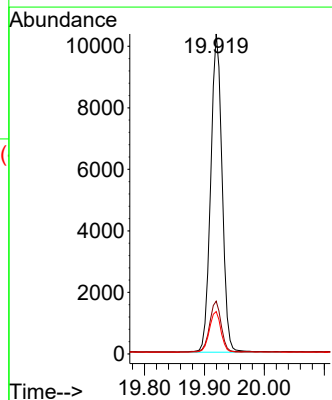
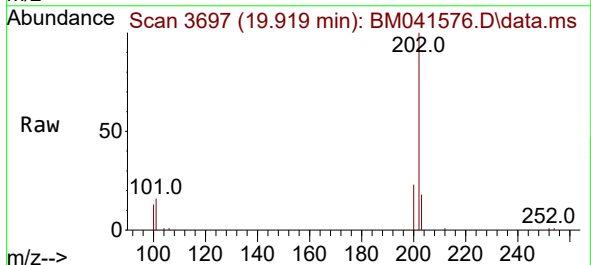
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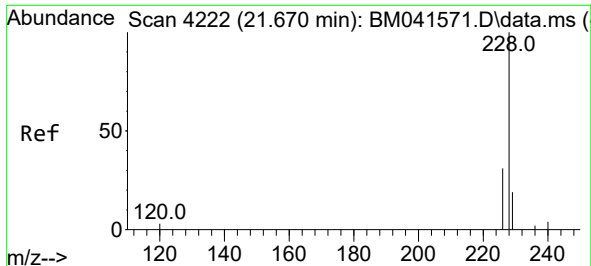
Tgt Ion:202 Resp: 13826
Ion Ratio Lower Upper
202 100
101 14.6 10.7 16.1
100 11.0 8.1 12.1



#20
Pyrene
Concen: 0.293 ng/ul
RT: 19.919 min Scan# 3697
Delta R.T. -0.004 min
Lab File: BM041576.D
Acq: 30 Aug 2023 12:42

Tgt Ion:202 Resp: 13686
Ion Ratio Lower Upper
202 100
101 16.5 12.2 18.4
100 13.2 9.8 14.8

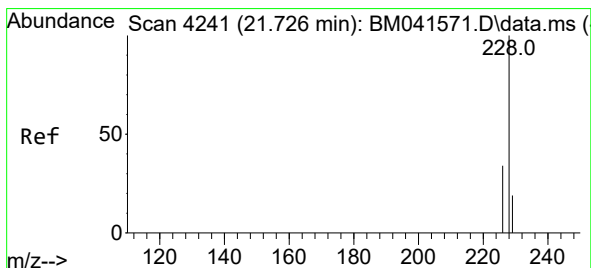
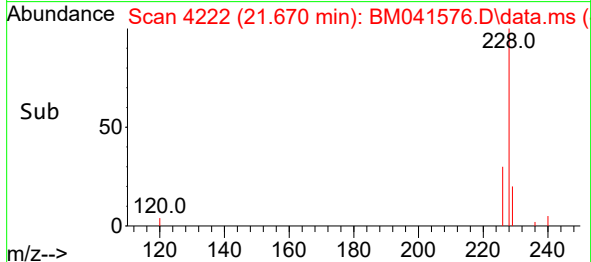
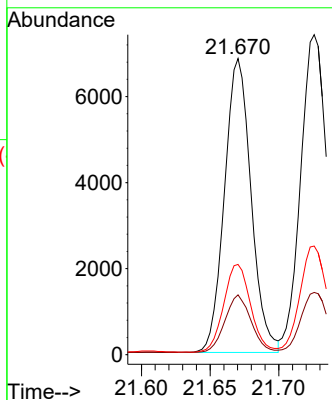
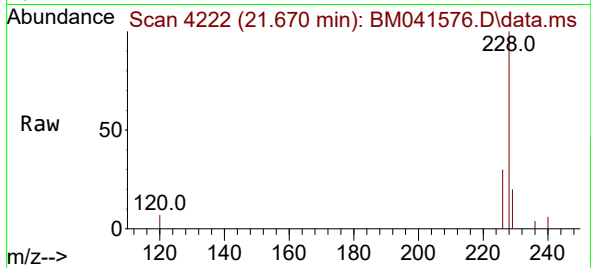




#21
Benzo(a)anthracene
Concen: 0.292 ng/ul
RT: 21.670 min Scan# 4222
Delta R.T. 0.000 min
Lab File: BM041576.D
Acq: 30 Aug 2023 12:42

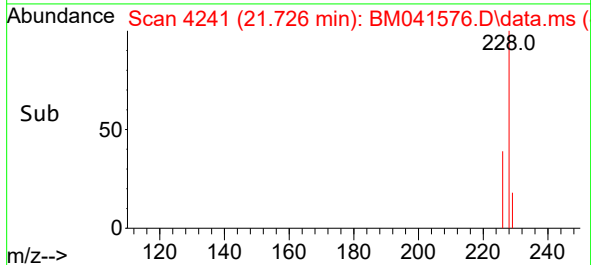
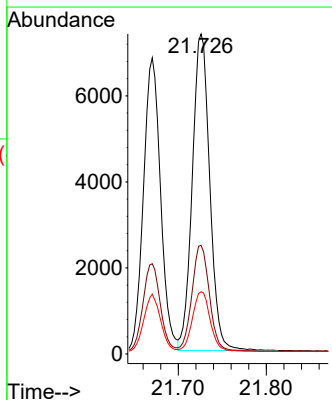
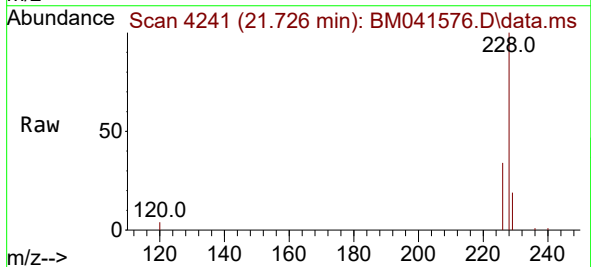
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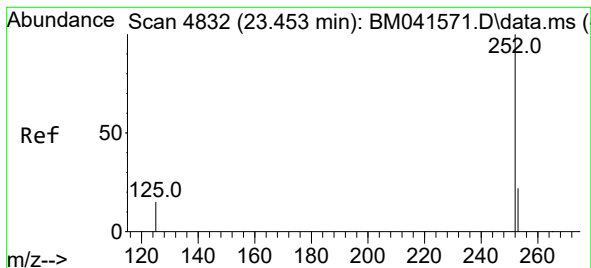
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Ion Ratio Lower Upper
228 100
229 20.2 15.6 23.4
226 30.5 25.0 37.4



#22
Chrysene
Concen: 0.299 ng/ul
RT: 21.726 min Scan# 4241
Delta R.T. -0.003 min
Lab File: BM041576.D
Acq: 30 Aug 2023 12:42

Tgt Ion:228 Resp: 10143
Ion Ratio Lower Upper
228 100
226 34.0 26.7 40.1
229 19.5 15.9 23.9





#24

Benzo(b)fluoranthene

Concen: 0.298 ng/ul

RT: 23.453 min Scan# 4832

Delta R.T. -0.006 min

Lab File: BM041576.D

Acq: 30 Aug 2023 12:42

Instrument :

BNA_M

ClientSampleId :

SLCS079

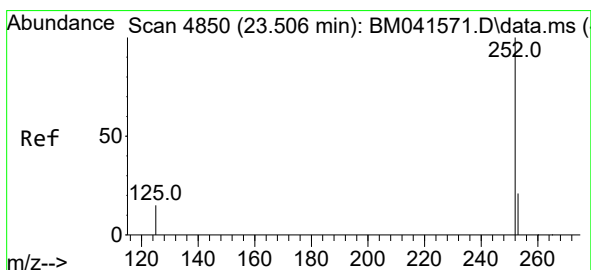
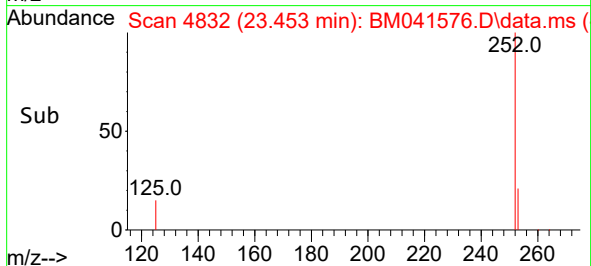
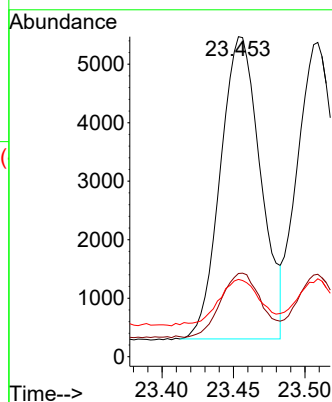
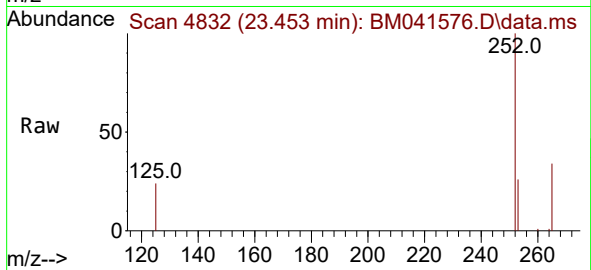
Tgt Ion:252 Resp: 10118

Ion Ratio Lower Upper

252 100

253 26.0 0.0 50.0

125 24.1 0.0 44.0



#25

Benzo(k)fluoranthene

Concen: 0.306 ng/ul

RT: 23.509 min Scan# 4851

Delta R.T. -0.003 min

Lab File: BM041576.D

Acq: 30 Aug 2023 12:42

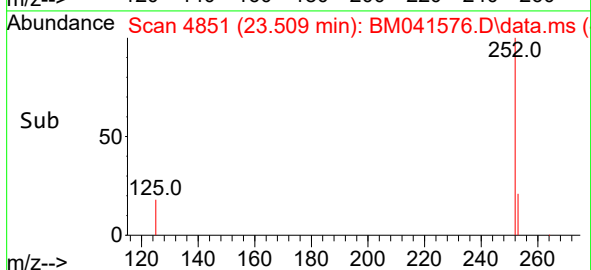
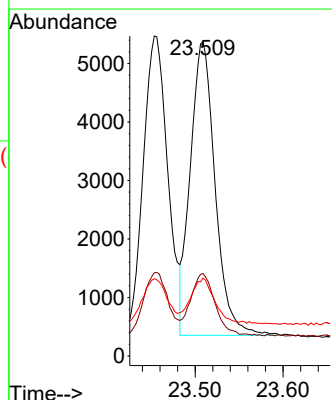
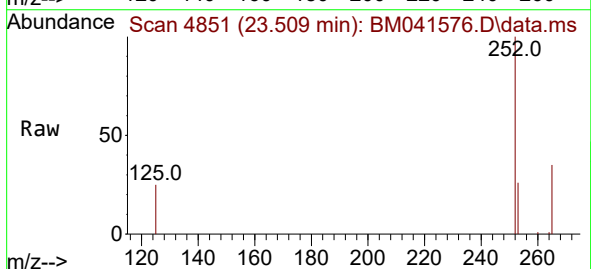
Tgt Ion:252 Resp: 9870

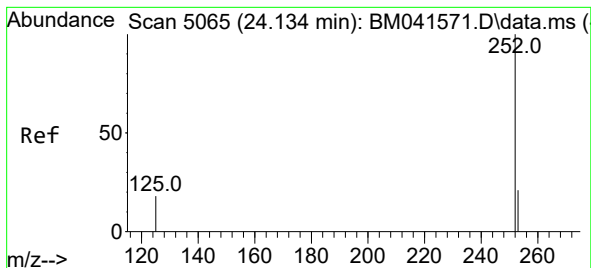
Ion Ratio Lower Upper

252 100

253 26.2 20.2 30.4

125 24.8 18.2 27.4





#26

Benzo(a)pyrene

Concen: 0.278 ng/ul

RT: 24.135 min Scan# 5065

Delta R.T. -0.003 min

Lab File: BM041576.D

Acq: 30 Aug 2023 12:42

Instrument :

BNA_M

ClientSampleId :

SLCS079

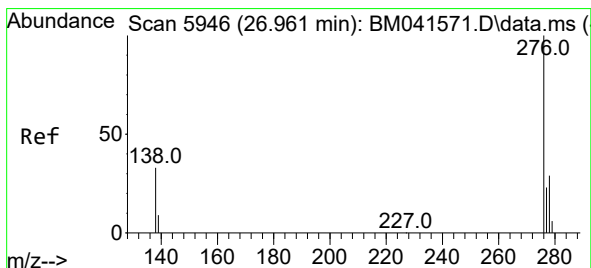
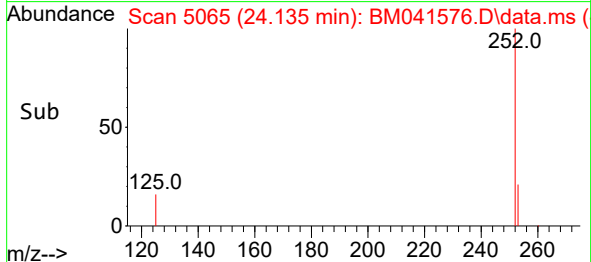
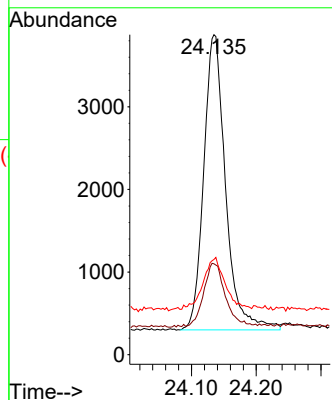
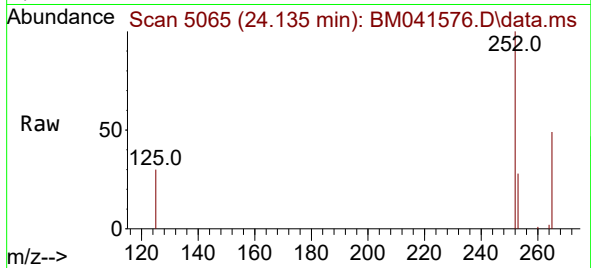
Tgt Ion:252 Resp: 8393

Ion Ratio Lower Upper

252 100

253 28.4 20.9 31.3

125 29.8 21.1 31.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.284 ng/ul

RT: 26.958 min Scan# 5945

Delta R.T. -0.006 min

Lab File: BM041576.D

Acq: 30 Aug 2023 12:42

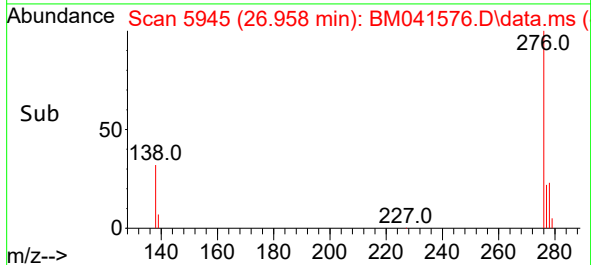
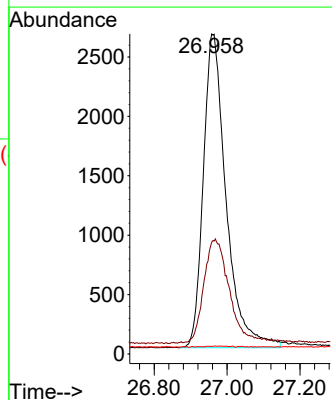
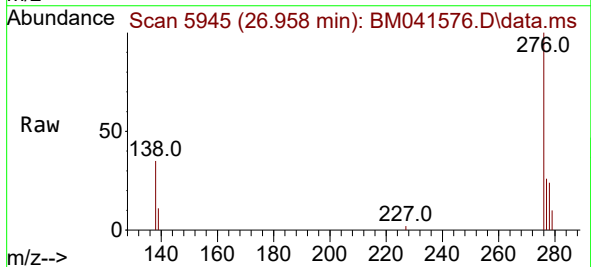
Tgt Ion:276 Resp: 11454

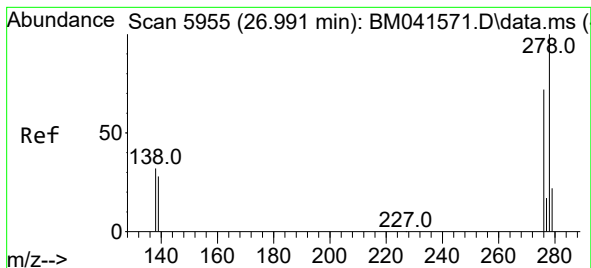
Ion Ratio Lower Upper

276 100

138 0.0 30.3 45.5#

227 0.1 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.285 ng/ul

RT: 26.995 min Scan# 5955

Delta R.T. 0.000 min

Lab File: BM041576.D

Acq: 30 Aug 2023 12:42

Instrument :

BNA_M

ClientSampleId :

SLCS079

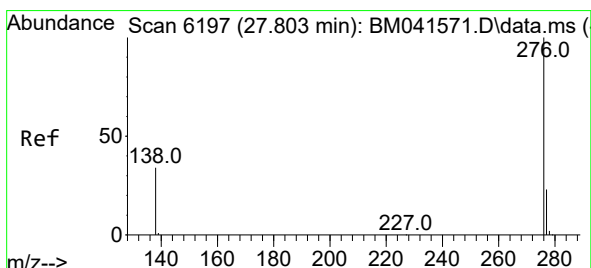
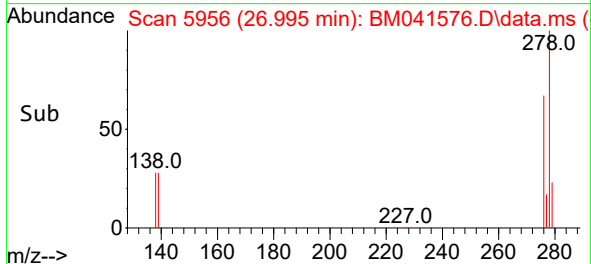
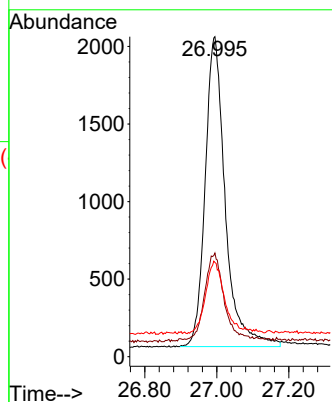
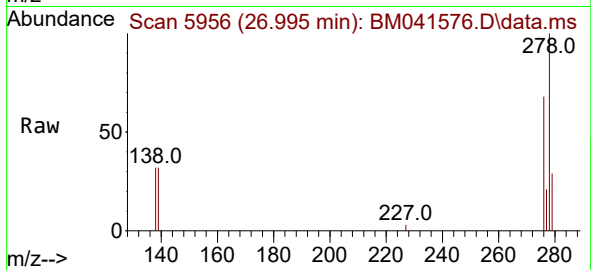
Tgt Ion:278 Resp: 7741

Ion Ratio Lower Upper

278 100

139 32.4 25.0 37.4

279 29.4 22.6 34.0



#29

Benzo(g,h,i)perylene

Concen: 0.301 ng/ul

RT: 27.803 min Scan# 6197

Delta R.T. -0.003 min

Lab File: BM041576.D

Acq: 30 Aug 2023 12:42

Tgt Ion:276 Resp: 10211

Ion Ratio Lower Upper

276 100

138 34.5 27.4 41.0

277 26.1 20.4 30.6

