

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM041998.D
 Acq On : 22 Sep 2023 21:53
 Operator : MA/JU
 Sample : PB155511BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS511

Quant Time: Sep 23 02:40:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

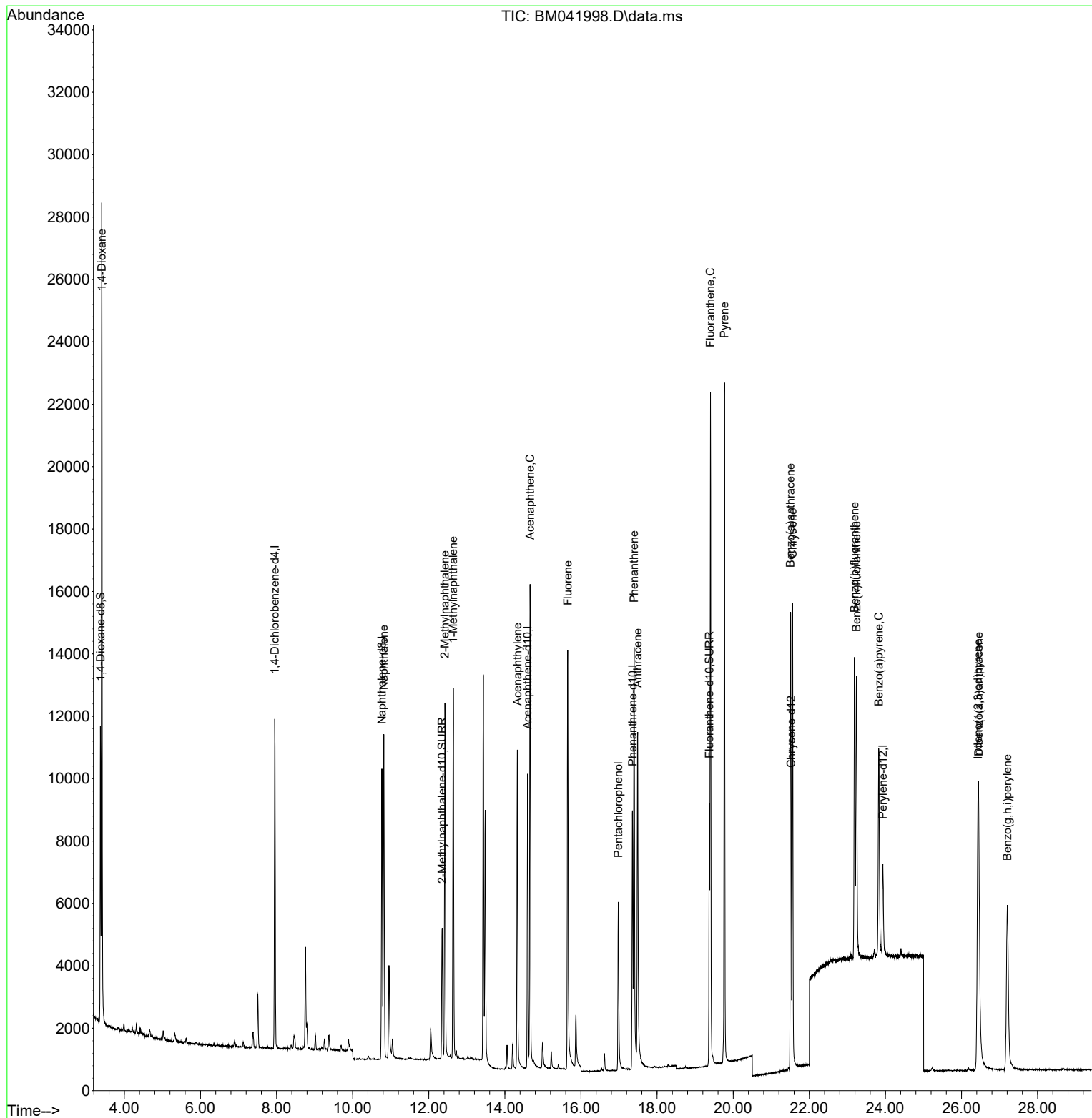
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	5228	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	12000	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	5012	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	9563	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	4214	0.400	ng/ul	0.00
23) Perylene-d12	23.933	264	4169	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	5139	0.721	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.352	152	5585	0.372	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	7427	0.428	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.406	88	15503	2.068	ng/ul#	84
5) Naphthalene	10.818	128	14217	0.354	ng/ul	100
7) 2-Methylnaphthalene	12.423	142	8418	0.351	ng/ul	98
8) 1-Methylnaphthalene	12.643	142	8181	0.336	ng/ul	99
10) Acenaphthylene	14.328	152	12490	0.372	ng/ul	99
11) Acenaphthene	14.661	153	9252	0.359	ng/ul	99
12) Fluorene	15.651	166	10176	0.351	ng/ul	100
14) Pentachlorophenol	16.982	266	4102	0.811	ng/ul	100
15) Phenanthrene	17.396	178	16108	0.363	ng/ul	100
16) Anthracene	17.489	178	14181	0.370	ng/ul	99
19) Fluoranthene	19.403	202	18029	0.379	ng/ul	99
20) Pyrene	19.771	202	18168	0.388	ng/ul	98
21) Benzo(a)anthracene	21.507	228	12527	0.392	ng/ul	99
22) Chrysene	21.559	228	13113	0.397	ng/ul	100
24) Benzo(b)fluoranthene	23.187	252	12690	0.395	ng/ul	98
25) Benzo(k)fluoranthene	23.240	252	12793	0.410	ng/ul	97
26) Benzo(a)pyrene	23.827	252	11337	0.430	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.431	276	14482	0.400	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.451	278	10431	0.399	ng/ul	99
29) Benzo(g,h,i)perylene	27.206	276	12333	0.405	ng/ul	99

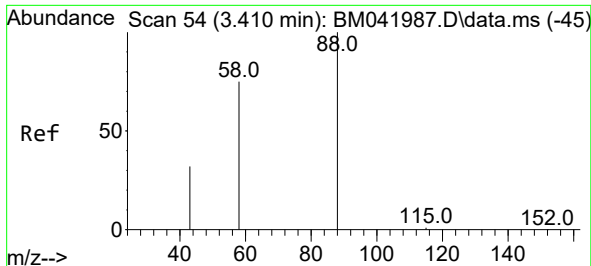
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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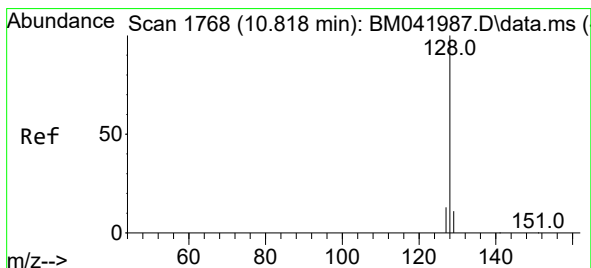
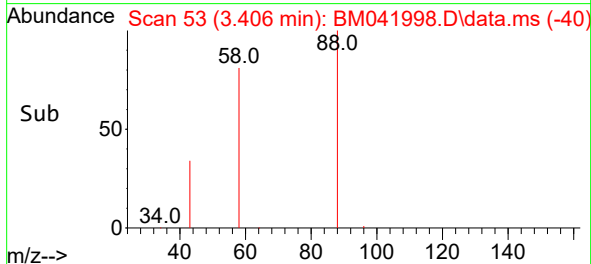
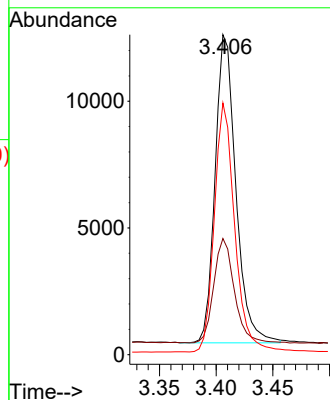
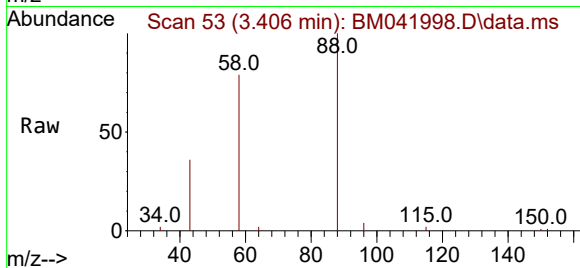




#2
1,4-Dioxane
Concen: 2.068 ng/ul
RT: 3.406 min Scan# 51
Delta R.T. -0.004 min
Lab File: BM041998.D
Acq: 22 Sep 2023 21:53

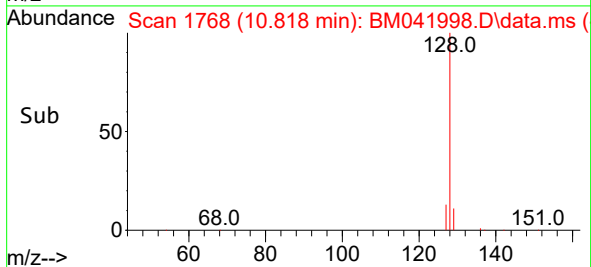
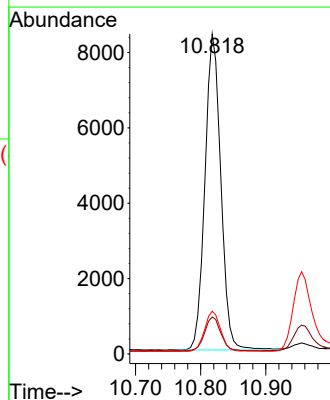
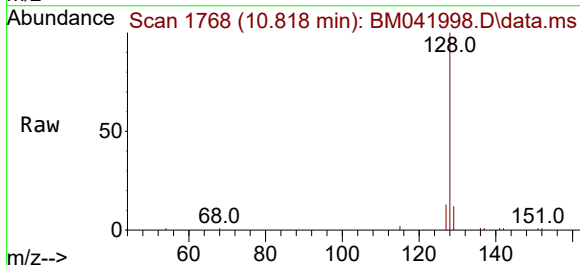
Instrument :
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ClientSampleId :
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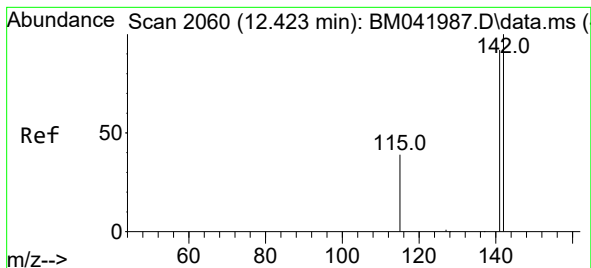
Tgt Ion: 88 Resp: 15503
Ion Ratio Lower Upper
88 100
43 36.3 42.9 64.3#
58 78.6 56.4 84.6



#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM041998.D
Acq: 22 Sep 2023 21:53

Tgt Ion: 128 Resp: 14217
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.3 10.8 16.2

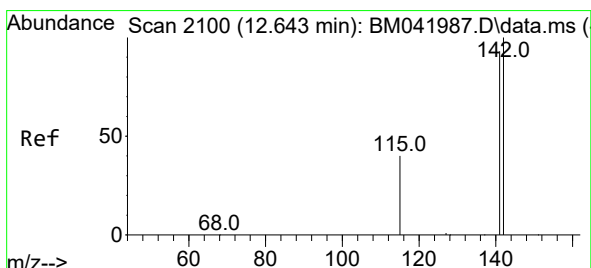
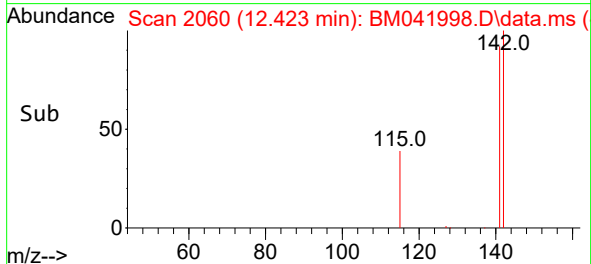
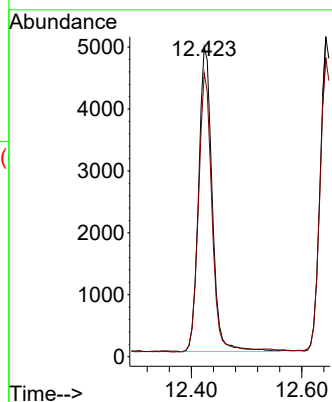
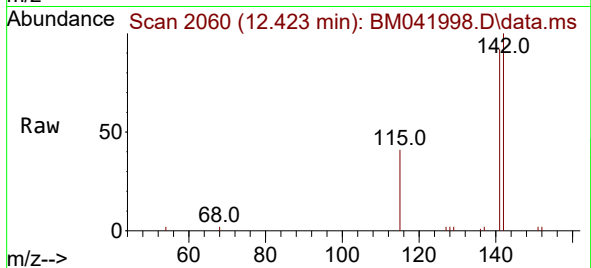




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.423 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BM041998.D
Acq: 22 Sep 2023 21:53

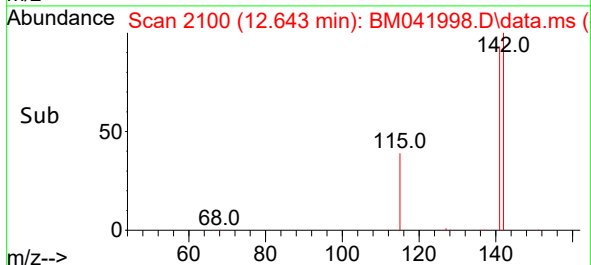
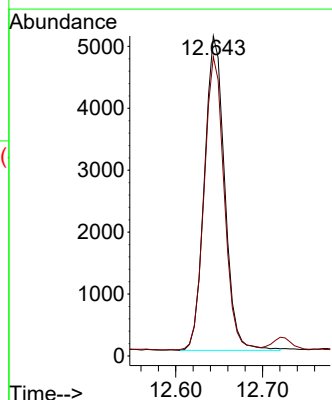
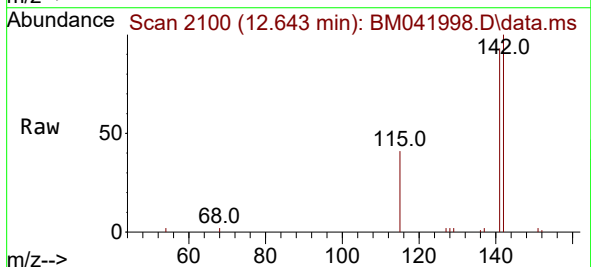
Instrument :
BNA_M
ClientSampleId :
SLCS511

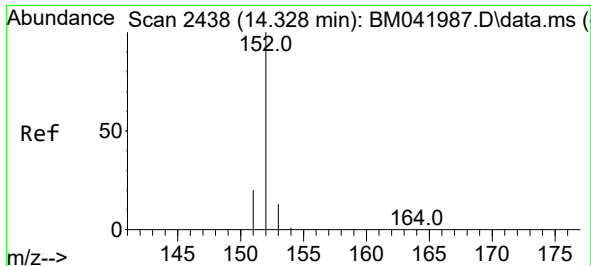
Tgt Ion:142 Resp: 8418
Ion Ratio Lower Upper
142 100
141 92.2 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM041998.D
Acq: 22 Sep 2023 21:53

Tgt Ion:142 Resp: 8181
Ion Ratio Lower Upper
142 100
141 92.8 75.1 112.7

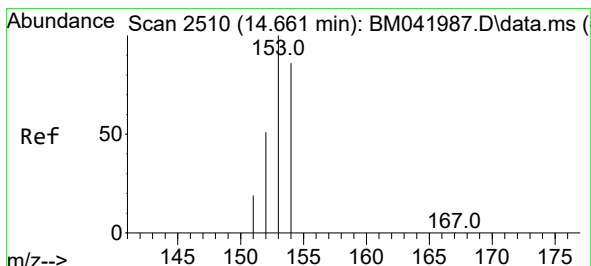
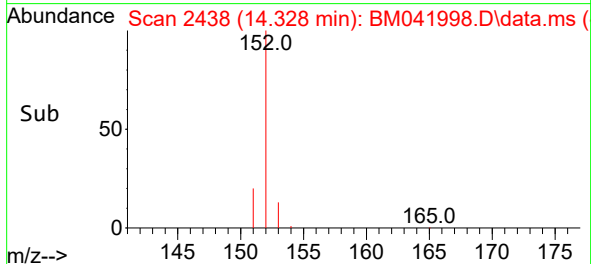
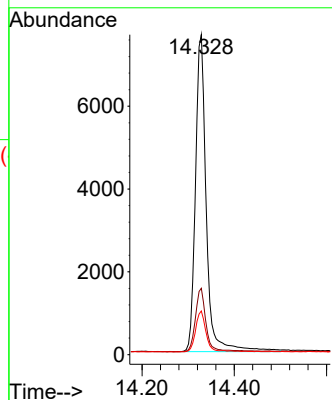
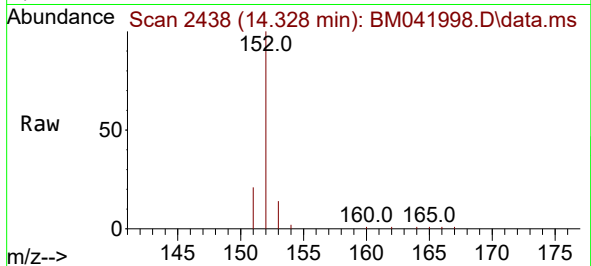




#10
Acenaphthylene
Concen: 0.372 ng/ul
RT: 14.328 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BM041998.D
Acq: 22 Sep 2023 21:53

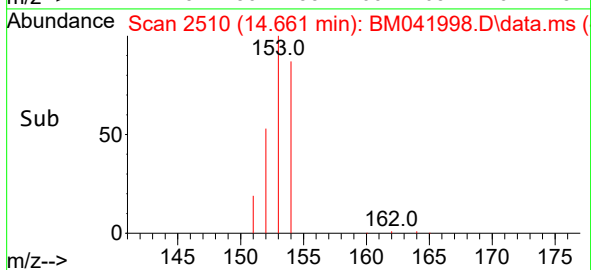
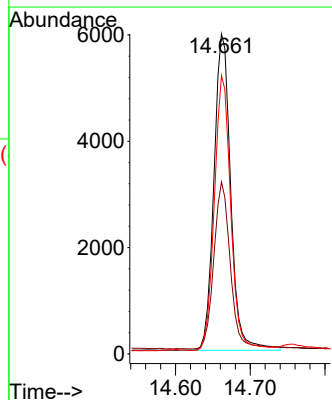
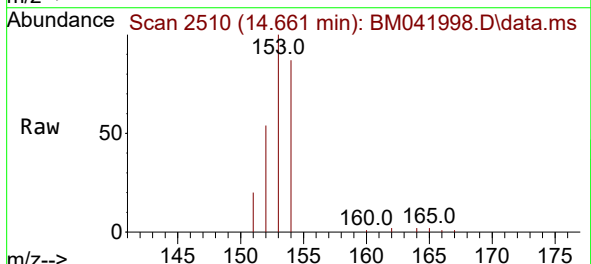
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ClientSampleId :
SLCS511

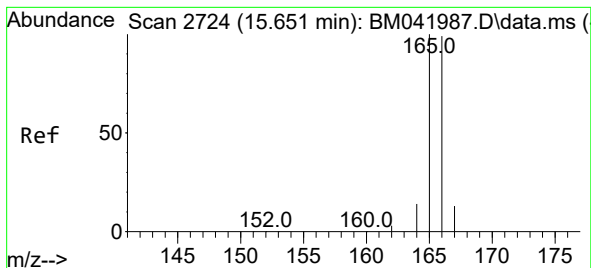
Tgt Ion:152 Resp: 12490
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.661 min Scan# 2510
Delta R.T. 0.000 min
Lab File: BM041998.D
Acq: 22 Sep 2023 21:53

Tgt Ion:153 Resp: 9252
Ion Ratio Lower Upper
153 100
152 53.7 41.8 62.8
154 87.1 69.0 103.6





#12

Fluorene

Concen: 0.351 ng/ul

RT: 15.651 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM041998.D

Acq: 22 Sep 2023 21:53

Instrument :

BNA_M

ClientSampleId :

SLCS511

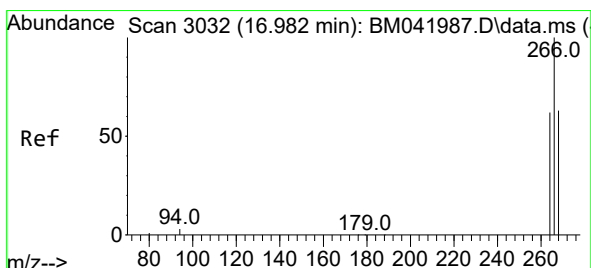
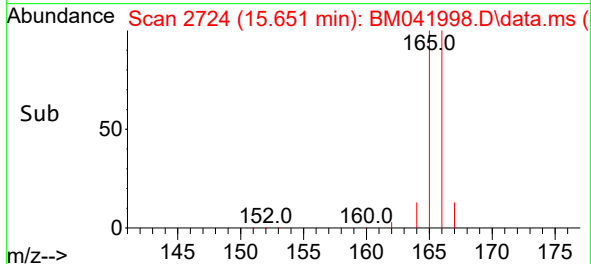
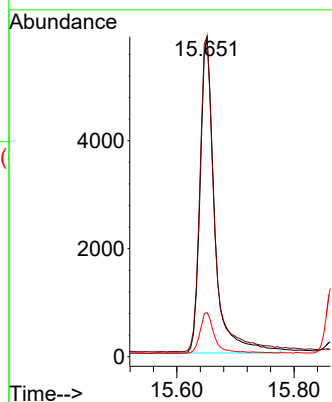
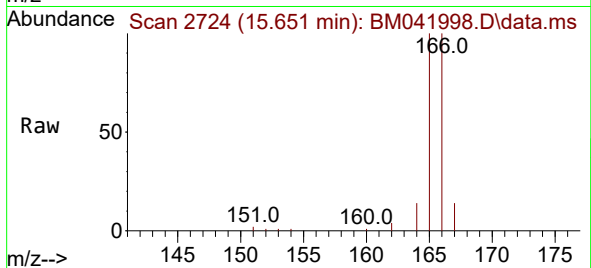
Tgt Ion:166 Resp: 10176

Ion Ratio Lower Upper

166 100

165 100.0 79.8 119.8

167 13.8 11.1 16.7



#14

Pentachlorophenol

Concen: 0.811 ng/ul

RT: 16.982 min Scan# 3032

Delta R.T. 0.000 min

Lab File: BM041998.D

Acq: 22 Sep 2023 21:53

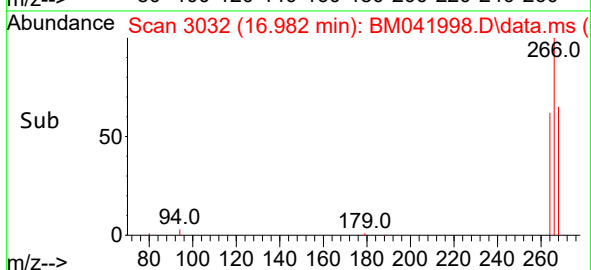
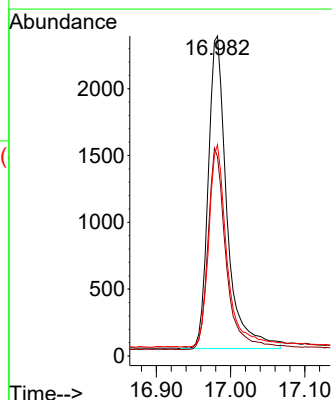
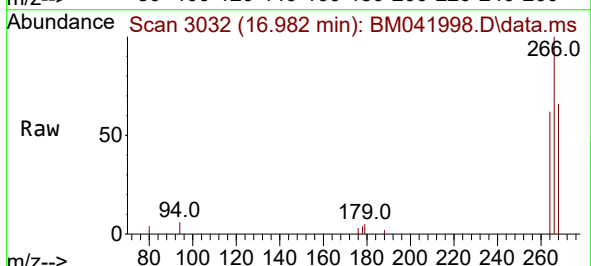
Tgt Ion:266 Resp: 4102

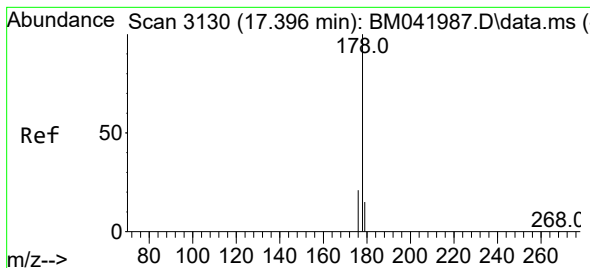
Ion Ratio Lower Upper

266 100

264 62.3 50.2 75.4

268 63.6 51.0 76.4





#15

Phenanthrene

Concen: 0.363 ng/ul

RT: 17.396 min Scan# 3130

Delta R.T. 0.000 min

Lab File: BM041998.D

Acq: 22 Sep 2023 21:53

Instrument :

BNA_M

ClientSampleId :

SLCS511

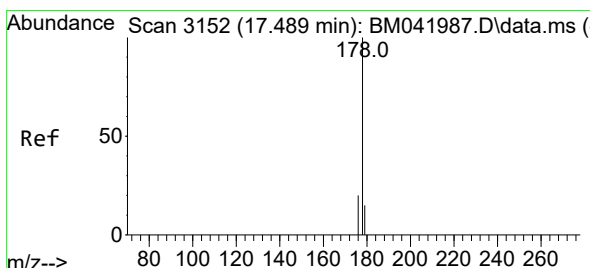
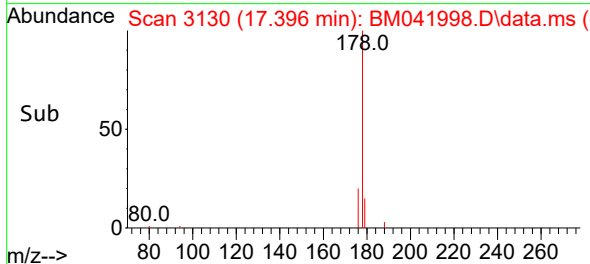
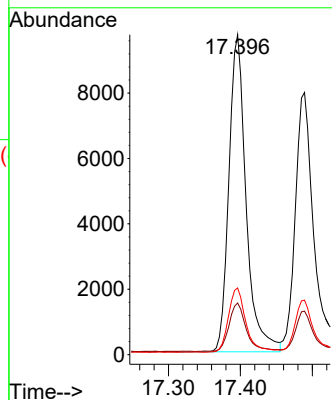
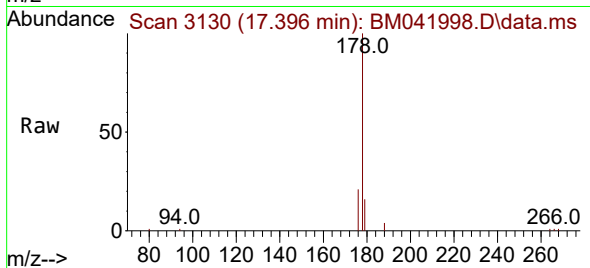
Tgt Ion:178 Resp: 16108

Ion Ratio Lower Upper

178 100

179 16.1 12.7 19.1

176 20.9 16.6 24.8



#16

Anthracene

Concen: 0.370 ng/ul

RT: 17.489 min Scan# 3152

Delta R.T. 0.000 min

Lab File: BM041998.D

Acq: 22 Sep 2023 21:53

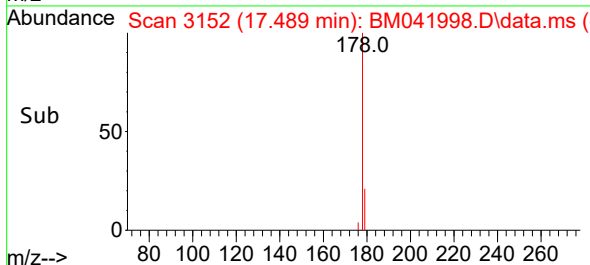
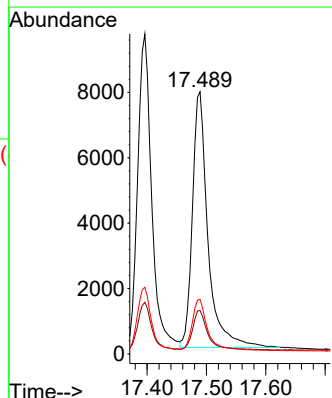
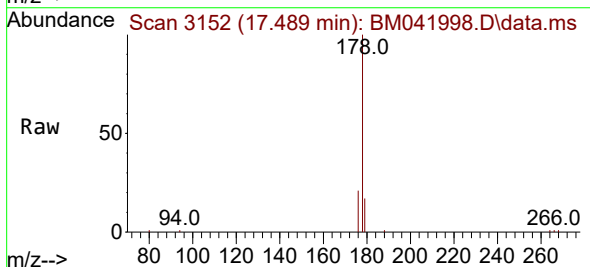
Tgt Ion:178 Resp: 14181

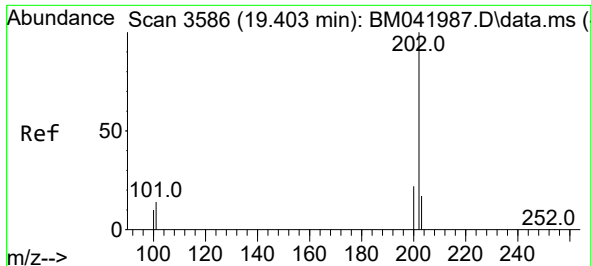
Ion Ratio Lower Upper

178 100

179 16.6 12.9 19.3

176 20.8 16.2 24.2

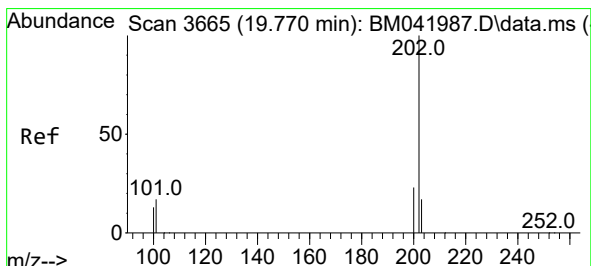
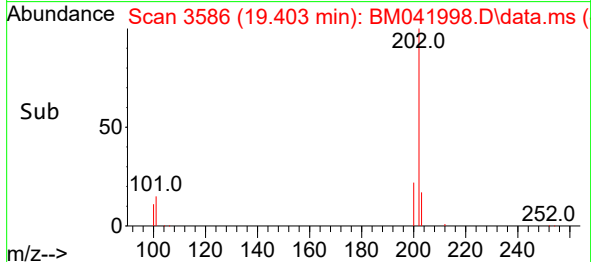
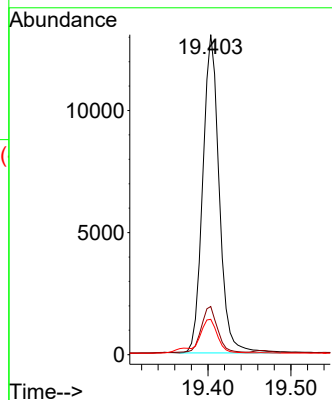
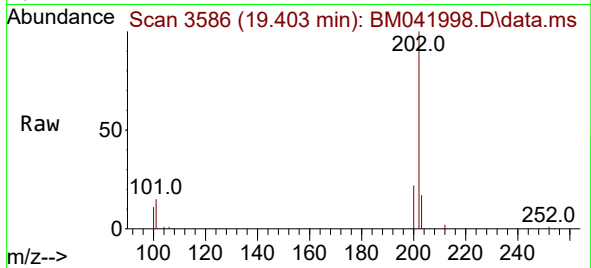




#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.403 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BM041998.D
Acq: 22 Sep 2023 21:53

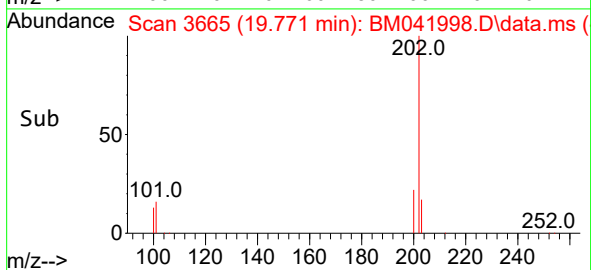
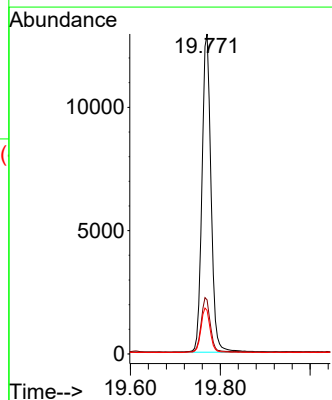
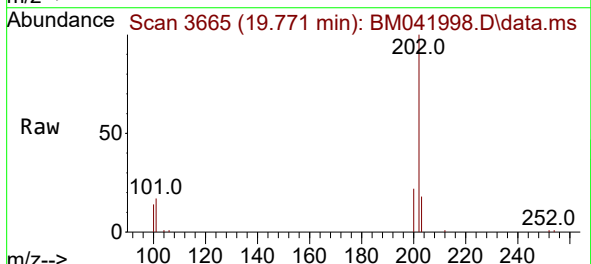
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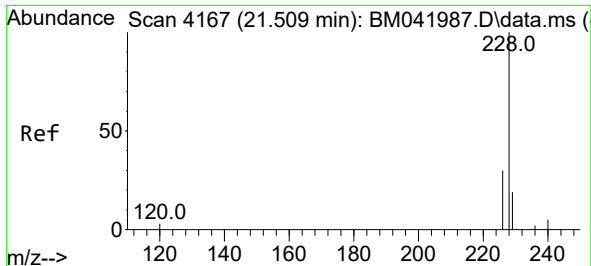
Tgt Ion:202 Resp: 18029
Ion Ratio Lower Upper
202 100
101 15.1 11.8 17.6
100 11.1 9.1 13.7



#20
Pyrene
Concen: 0.388 ng/ul
RT: 19.771 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BM041998.D
Acq: 22 Sep 2023 21:53

Tgt Ion:202 Resp: 18168
Ion Ratio Lower Upper
202 100
101 16.9 14.1 21.1
100 13.6 11.4 17.0

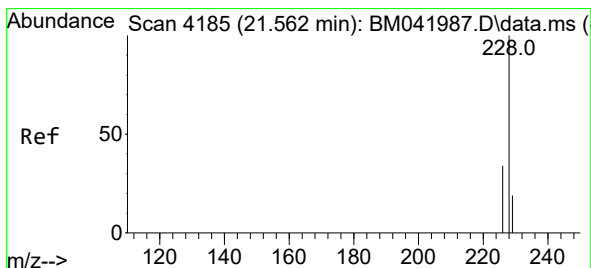
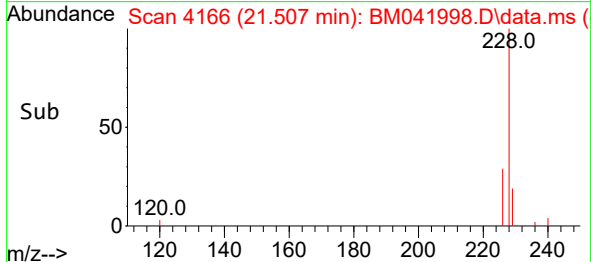
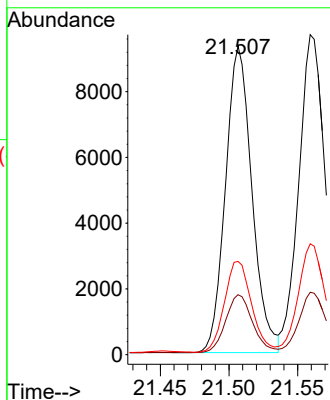
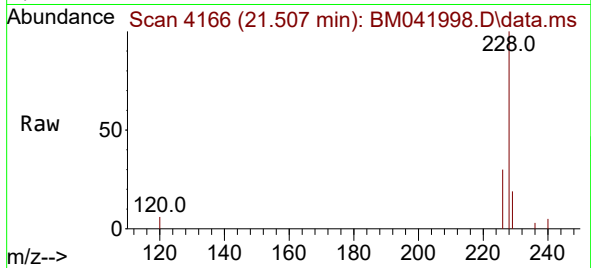




#21
Benzo(a)anthracene
Concen: 0.392 ng/ul
RT: 21.507 min Scan# 4167
Delta R.T. 0.000 min
Lab File: BM041998.D
Acq: 22 Sep 2023 21:53

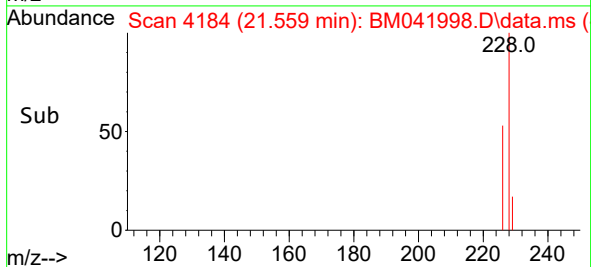
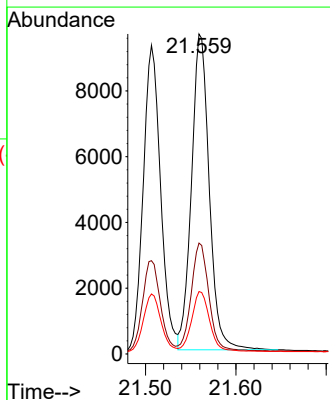
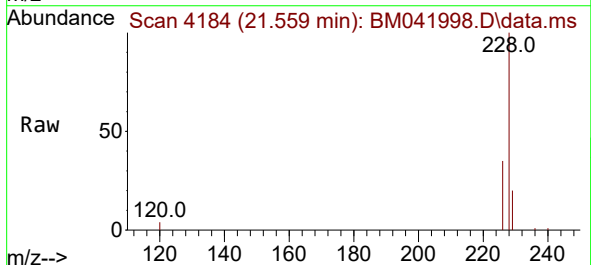
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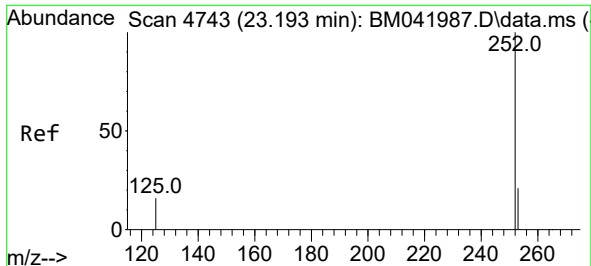
Tgt Ion:	228	Resp:	12527
Ion Ratio	Lower	Upper	
228	100		
229	19.4	15.5	23.3
226	30.2	24.8	37.2



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.559 min Scan# 4184
Delta R.T. -0.003 min
Lab File: BM041998.D
Acq: 22 Sep 2023 21:53

Tgt Ion:	228	Resp:	13113
Ion Ratio	Lower	Upper	
228	100		
226	34.6	27.8	41.6
229	19.5	15.6	23.4

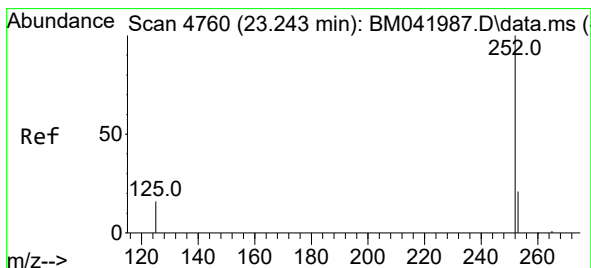
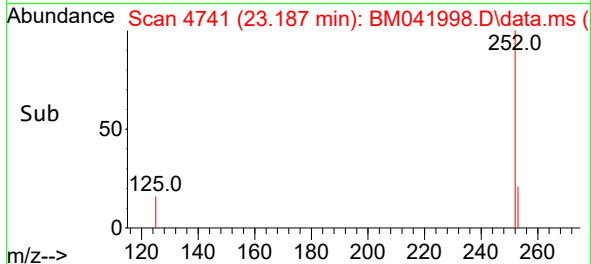
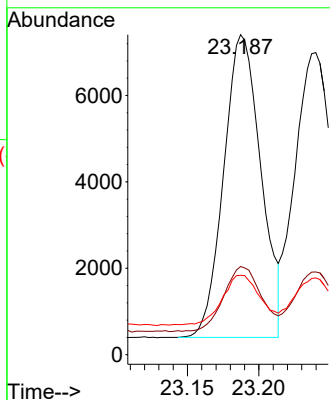
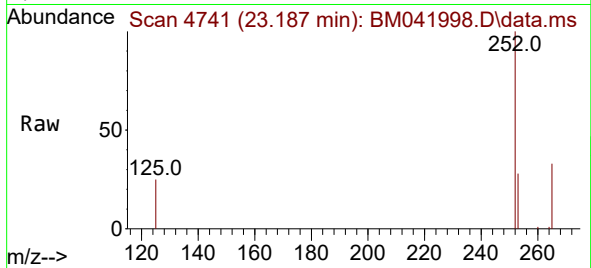




#24
Benzo(b)fluoranthene
Concen: 0.395 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BM041998.D
Acq: 22 Sep 2023 21:53

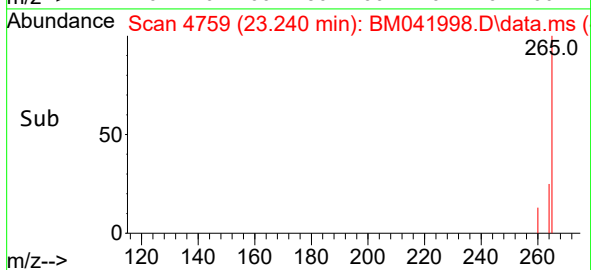
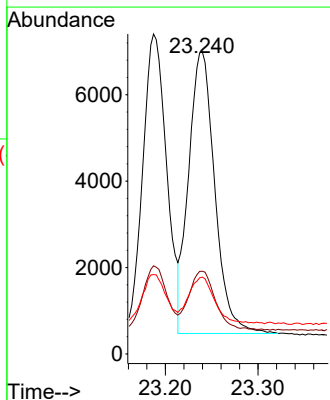
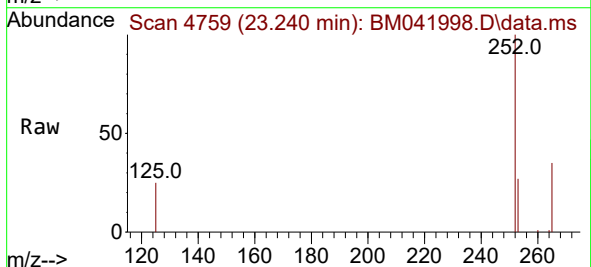
Instrument :
BNA_M
ClientSampleId :
SLCS511

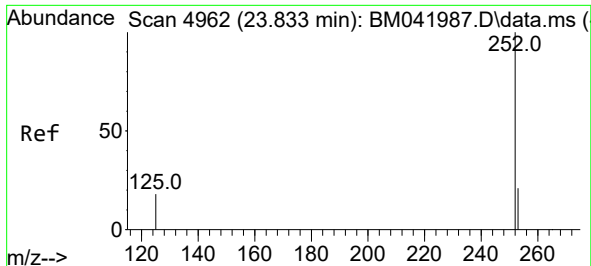
Tgt Ion:252 Resp: 12690
Ion Ratio Lower Upper
252 100
253 27.5 0.0 54.4
125 24.8 0.0 46.2



#25
Benzo(k)fluoranthene
Concen: 0.410 ng/ul
RT: 23.240 min Scan# 4759
Delta R.T. 0.000 min
Lab File: BM041998.D
Acq: 22 Sep 2023 21:53

Tgt Ion:252 Resp: 12793
Ion Ratio Lower Upper
252 100
253 27.4 21.0 31.6
125 25.4 19.0 28.6

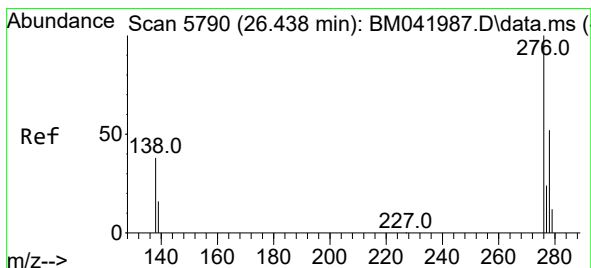
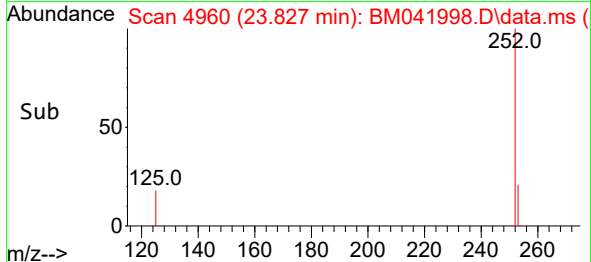
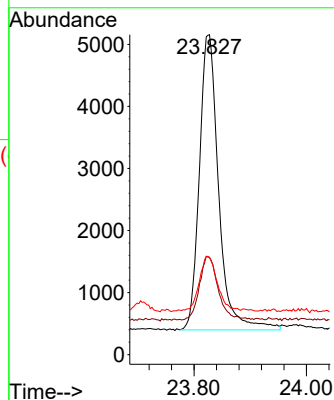
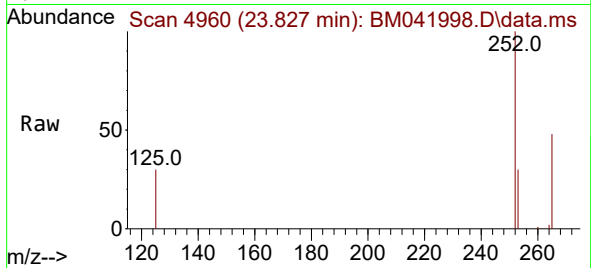




#26
Benzo(a)pyrene
Concen: 0.430 ng/ul
RT: 23.827 min Scan# 4962
Delta R.T. 0.000 min
Lab File: BM041998.D
Acq: 22 Sep 2023 21:53

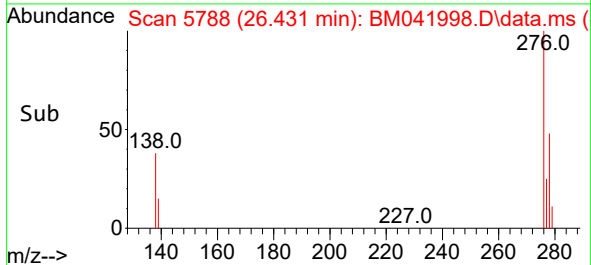
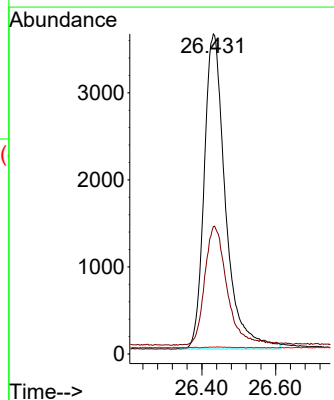
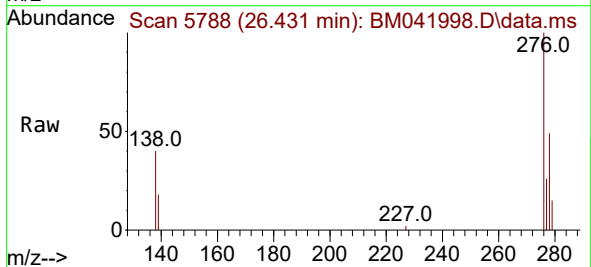
Instrument :
BNA_M
ClientSampleId :
SLCS511

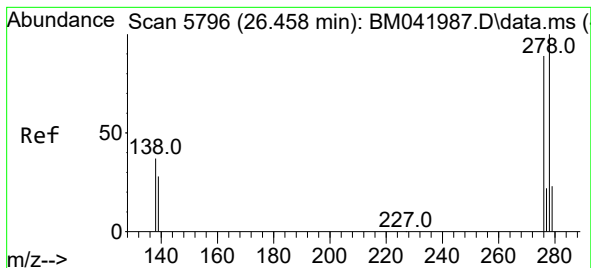
Tgt Ion:252 Resp: 11337
Ion Ratio Lower Upper
252 100
253 30.4 23.2 34.8
125 30.4 22.5 33.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng/ul
RT: 26.431 min Scan# 5788
Delta R.T. 0.000 min
Lab File: BM041998.D
Acq: 22 Sep 2023 21:53

Tgt Ion:276 Resp: 14482
Ion Ratio Lower Upper
276 100
138 39.4 32.1 48.1
227 0.0 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.399 ng/ul

RT: 26.451 min Scan# 5794

Delta R.T. 0.000 min

Lab File: BM041998.D

Acq: 22 Sep 2023 21:53

Instrument :

BNA_M

ClientSampleId :

SLCS511

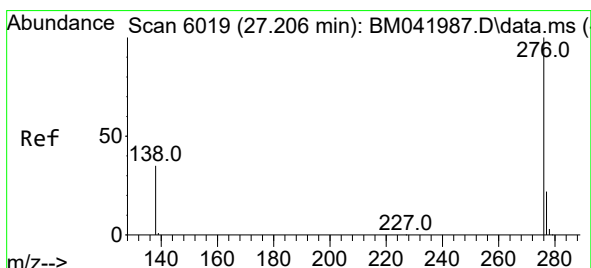
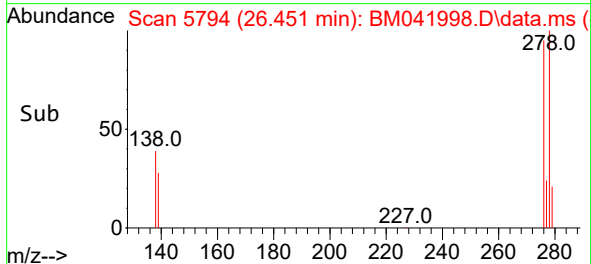
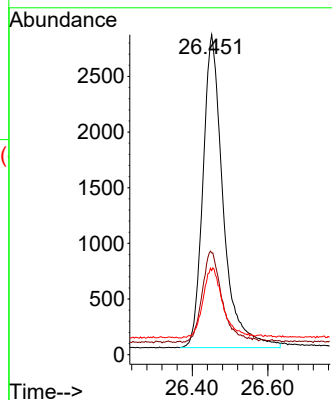
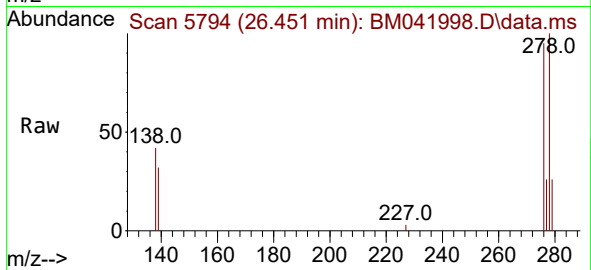
Tgt Ion:278 Resp: 10431

Ion Ratio Lower Upper

278 100

139 31.8 25.0 37.6

279 26.3 21.7 32.5



#29

Benzo(g,h,i)perylene

Concen: 0.405 ng/ul

RT: 27.206 min Scan# 6019

Delta R.T. -0.003 min

Lab File: BM041998.D

Acq: 22 Sep 2023 21:53

Tgt Ion:276 Resp: 12333

Ion Ratio Lower Upper

276 100

138 37.0 29.0 43.4

277 25.1 19.6 29.4

