

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041728.D
 Acq On : 08 Sep 2023 12:20
 Operator : MA/JU
 Sample : PB155206BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS206

Quant Time: Sep 08 22:54:30 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 : Fri Sep 08 06:08:11 2023
 Response via : Initial Calibration

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

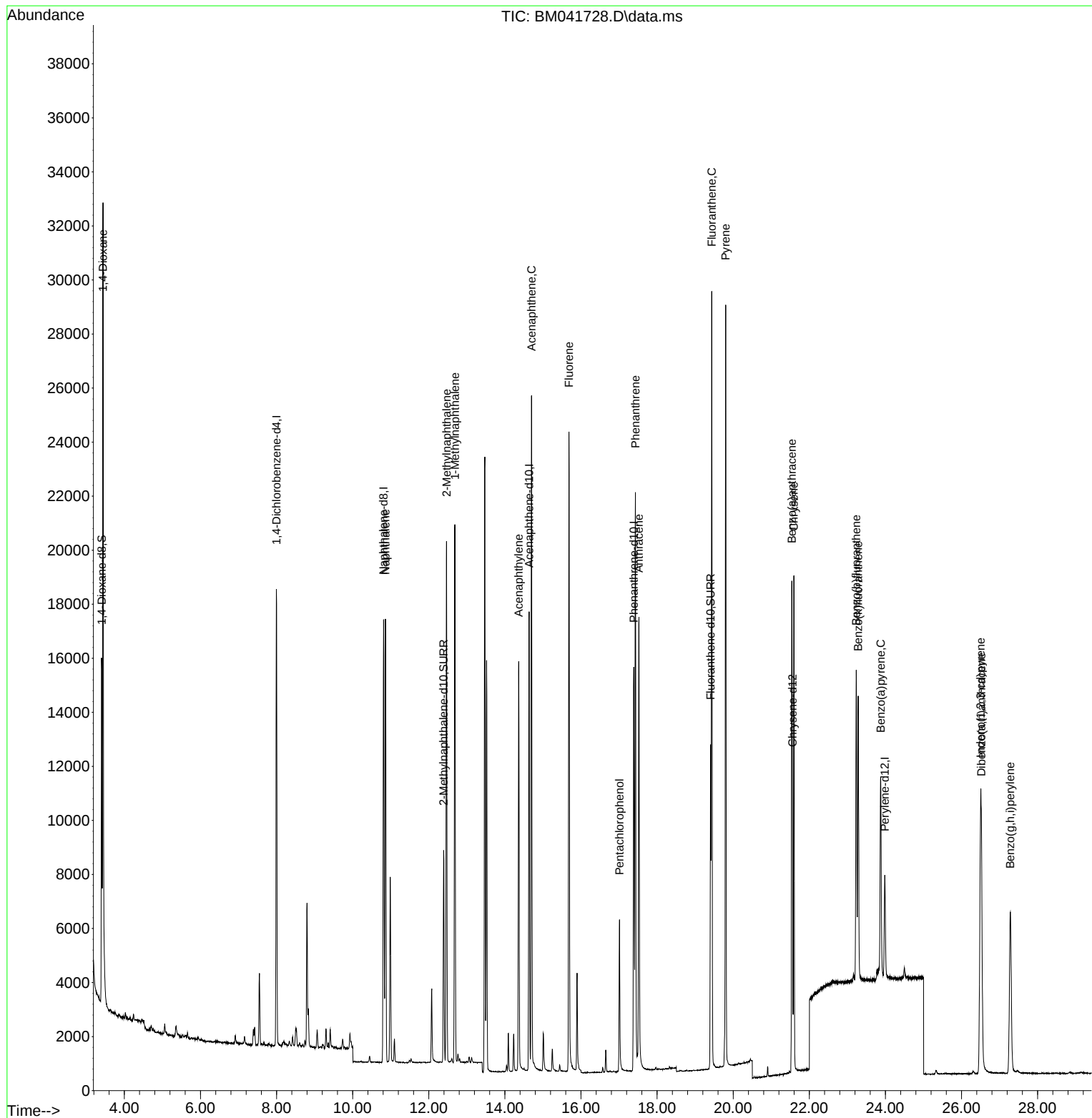
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.996	152	8483	0.400	ng/ul	0.00
4) Naphthalene-d8	10.812	136	20847	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	8672	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.388	188	16427	0.400	ng/ul	0.00
17) Chrysene-d12	21.556	240	5383	0.400	ng/ul	0.00
23) Perylene-d12	23.985	264	5098	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	7800	0.602	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.390	152	9600	0.358	ng/ul	0.00
18) Fluoranthene-d10	19.408	212	10555	0.404	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.439	88	18493	1.373	ng/ul	91
5) Naphthalene	10.861	128	21933	0.320	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	12951	0.333	ng/ul	99
8) 1-Methylnaphthalene	12.687	142	13686	0.350	ng/ul	100
10) Acenaphthylene	14.365	152	17874	0.334	ng/ul	99
11) Acenaphthene	14.698	153	13907	0.334	ng/ul	98
12) Fluorene	15.684	166	15555	0.333	ng/ul	100
14) Pentachlorophenol	17.012	266	3924	0.597	ng/ul	99
15) Phenanthrene	17.430	178	23199	0.334	ng/ul	99
16) Anthracene	17.523	178	19973	0.336	ng/ul	99
19) Fluoranthene	19.436	202	23371	0.368	ng/ul	99
20) Pyrene	19.803	202	23260	0.369	ng/ul	99
21) Benzo(a)anthracene	21.539	228	14595	0.332	ng/ul	100
22) Chrysene	21.594	228	15380	0.325	ng/ul	100
24) Benzo(b)fluoranthene	23.234	252	14685	0.322	ng/ul	100
25) Benzo(k)fluoranthene	23.284	252	13710	0.307	ng/ul	99
26) Benzo(a)pyrene	23.874	252	11785	0.318	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	26.501	276	15597	0.307	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.522	278	10979	0.308	ng/ul	98
29) Benzo(g,h,i)perylene	27.279	276	13429	0.298	ng/ul	98

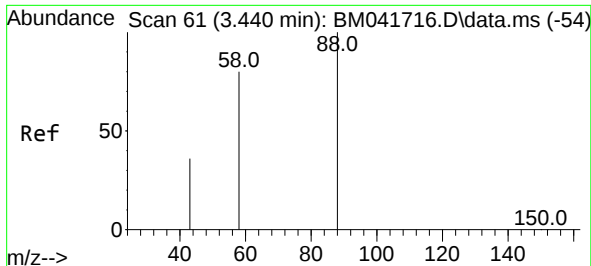
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 08 22:54:30 2023
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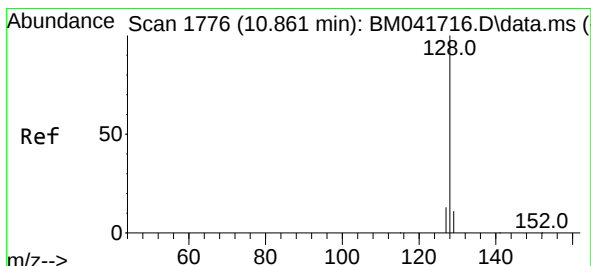
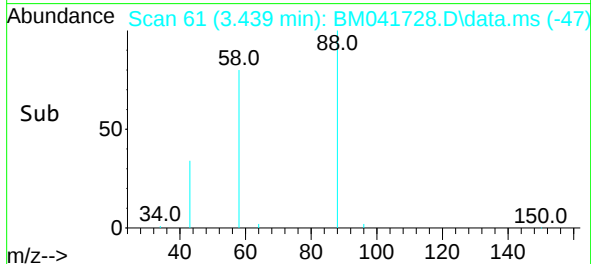
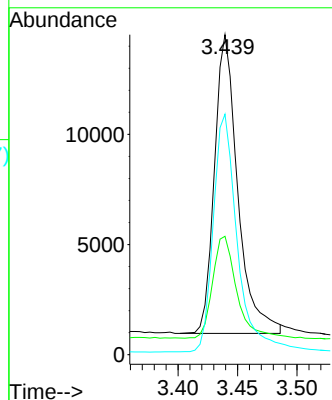
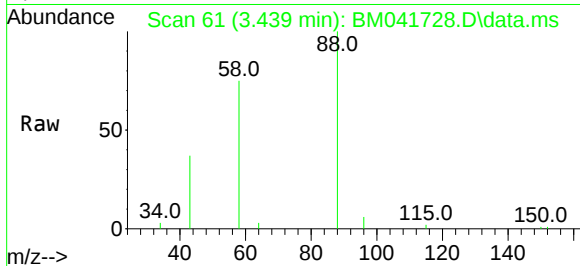




#2
1,4-Dioxane
Concen: 1.373 ng/ul
RT: 3.439 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

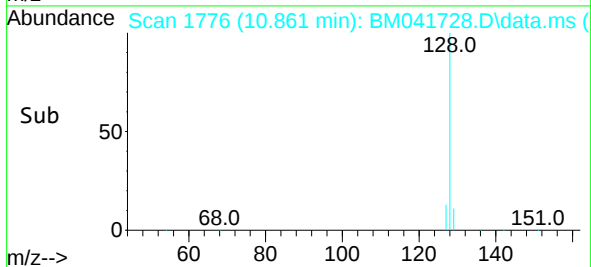
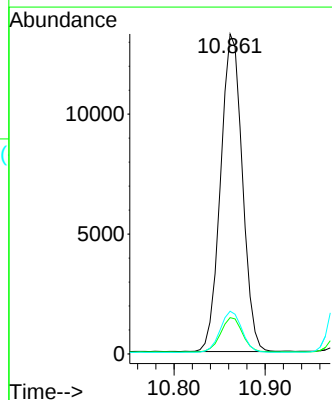
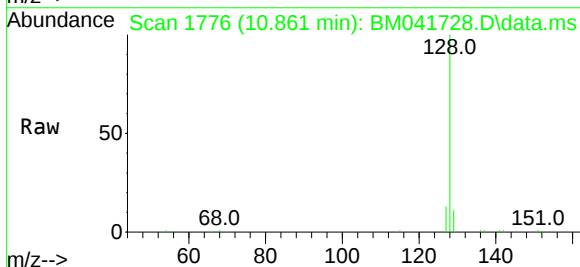
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BNA_M
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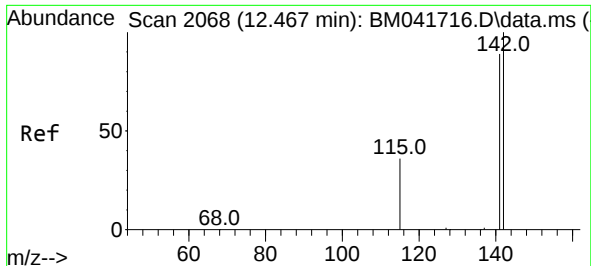
Tgt Ion: 88 Resp: 18493
Ion Ratio Lower Upper
88 100
43 37.0 33.8 50.6
58 75.1 54.2 81.2



#5
Naphthalene
Concen: 0.320 ng/ul
RT: 10.861 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion: 128 Resp: 21933
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.0
127 13.4 11.0 16.6

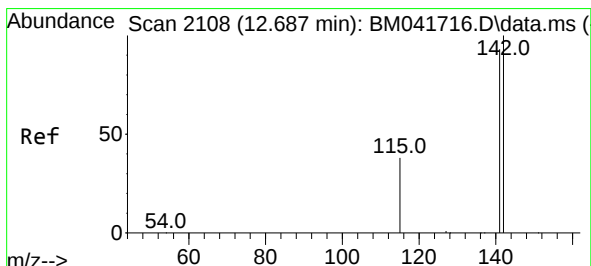
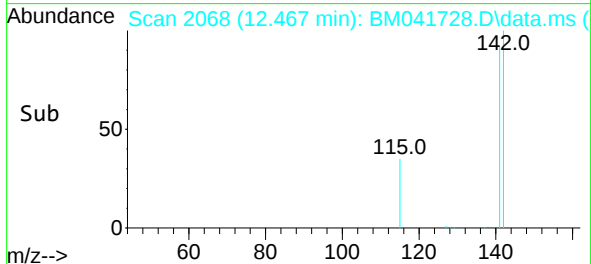
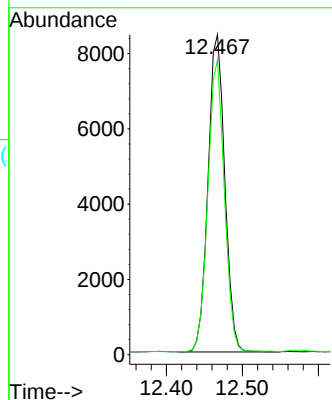
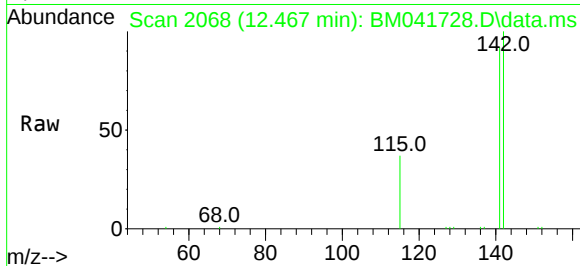




#7
2-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.467 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

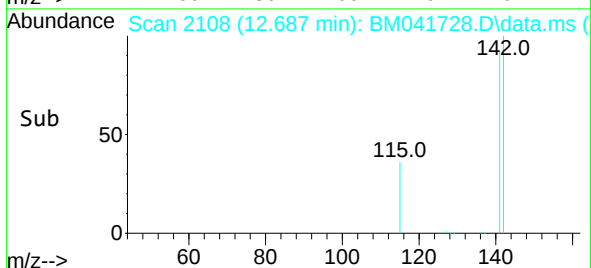
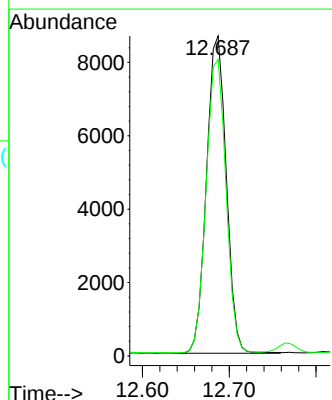
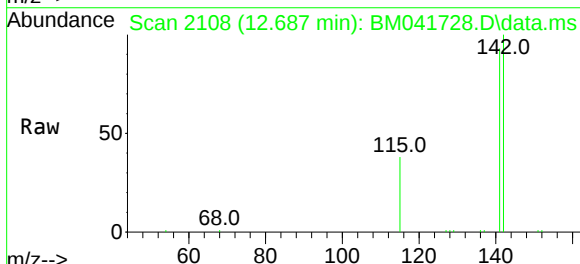
Instrument :
BNA_M
ClientSampleId :
SLCS206

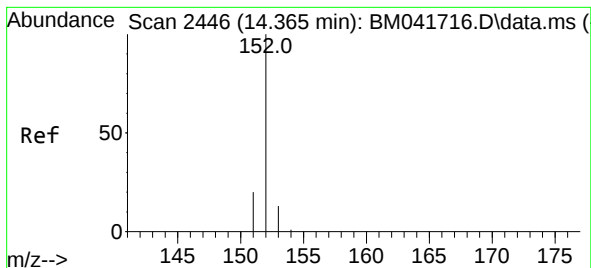
Tgt Ion:142 Resp: 12951
Ion Ratio Lower Upper
142 100
141 90.7 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.687 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:142 Resp: 13686
Ion Ratio Lower Upper
142 100
141 93.1 74.4 111.6





#10

Acenaphthylene

Concen: 0.334 ng/ul

RT: 14.365 min Scan# 2446

Delta R.T. -0.000 min

Lab File: BM041728.D

Acq: 08 Sep 2023 12:20

Instrument :

BNA_M

ClientSampleId :

SLCS206

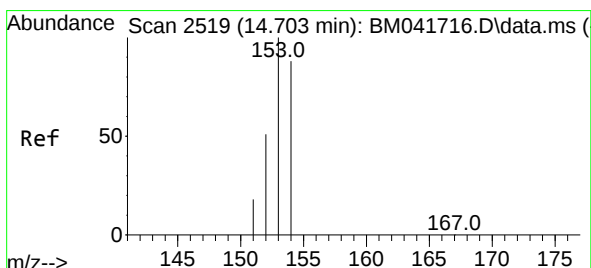
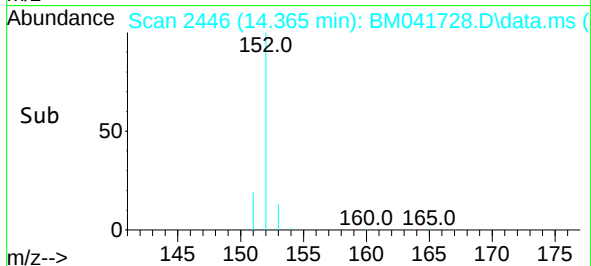
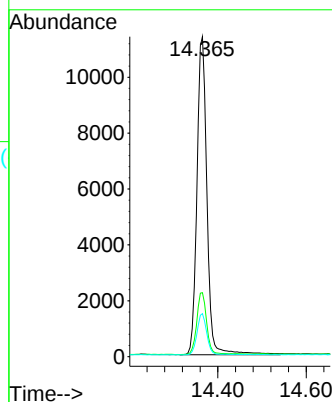
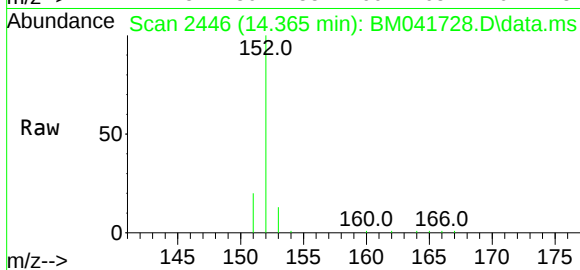
Tgt Ion:152 Resp: 17874

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 13.5 11.1 16.7



#11

Acenaphthene

Concen: 0.334 ng/ul

RT: 14.698 min Scan# 2518

Delta R.T. -0.005 min

Lab File: BM041728.D

Acq: 08 Sep 2023 12:20

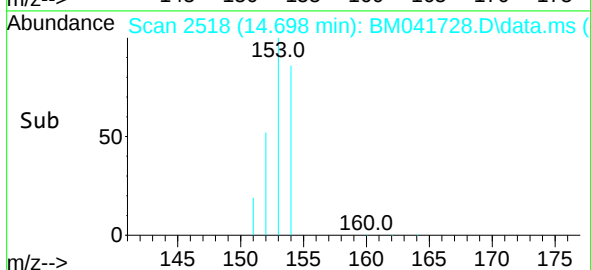
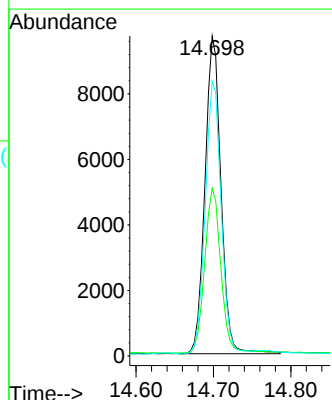
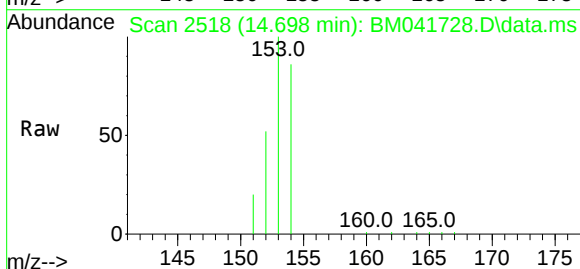
Tgt Ion:153 Resp: 13907

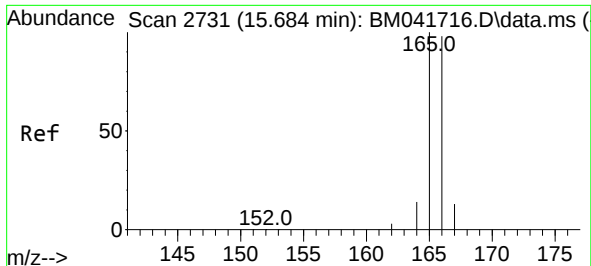
Ion Ratio Lower Upper

153 100

152 52.4 43.4 65.2

154 85.8 69.4 104.0

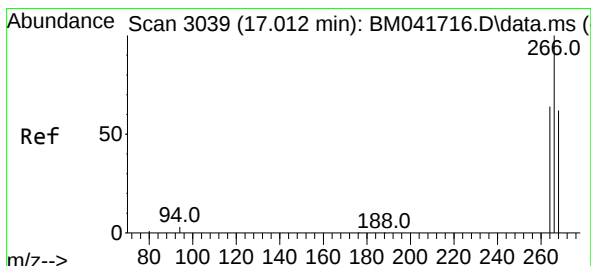
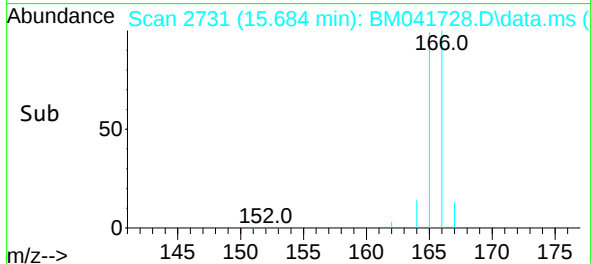
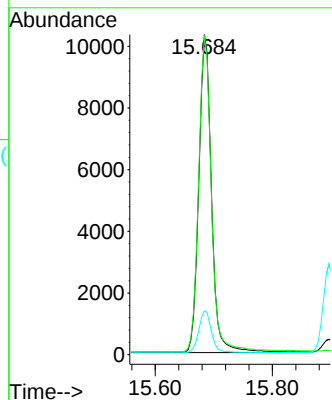
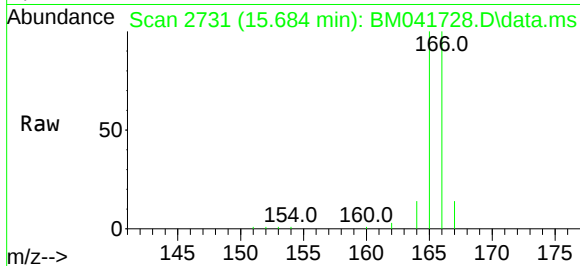




#12
Fluorene
Concen: 0.333 ng/ul
RT: 15.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

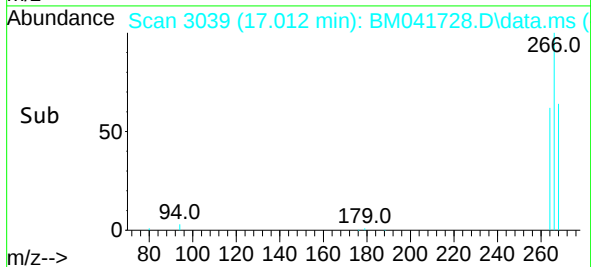
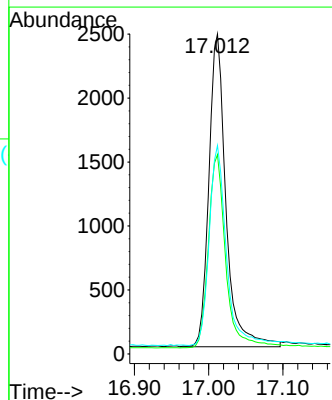
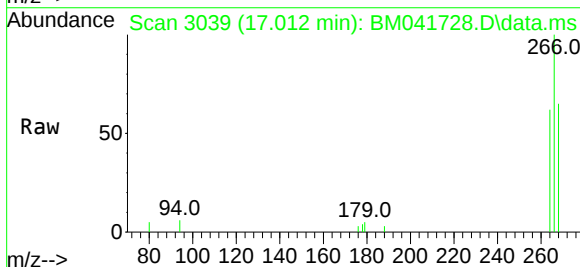
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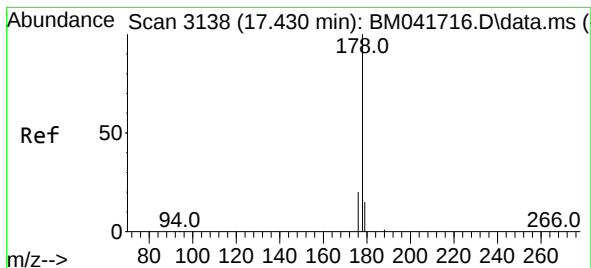
Tgt Ion:166 Resp: 15555
Ion Ratio Lower Upper
166 100
165 99.7 79.4 119.2
167 13.7 11.3 16.9



#14
Pentachlorophenol
Concen: 0.597 ng/ul
RT: 17.012 min Scan# 3039
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:266 Resp: 3924
Ion Ratio Lower Upper
266 100
264 62.3 50.0 75.0
268 64.6 50.8 76.2





#15

Phenanthrene

Concen: 0.334 ng/u1

RT: 17.430 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BM041728.D

Acq: 08 Sep 2023 12:20

Instrument :

BNA_M

ClientSampleId :

SLCS206

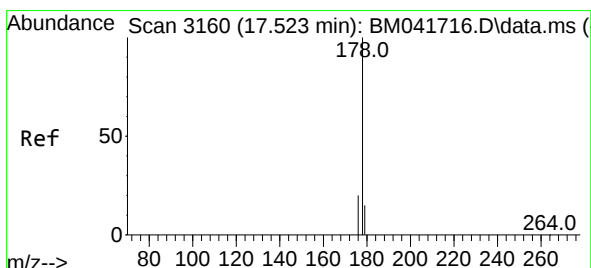
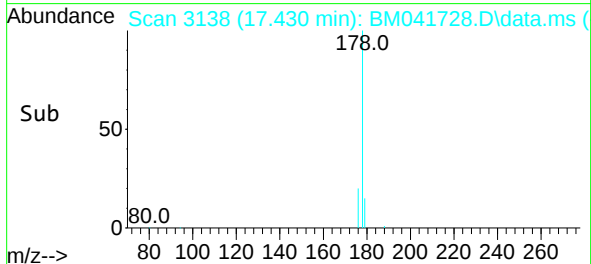
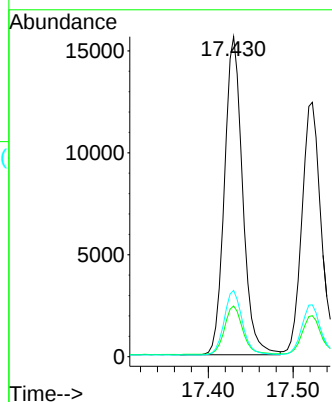
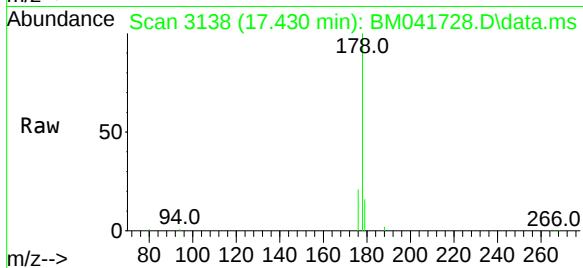
Tgt Ion:178 Resp: 23199

Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 20.7 16.9 25.3



#16

Anthracene

Concen: 0.336 ng/u1

RT: 17.523 min Scan# 3160

Delta R.T. -0.000 min

Lab File: BM041728.D

Acq: 08 Sep 2023 12:20

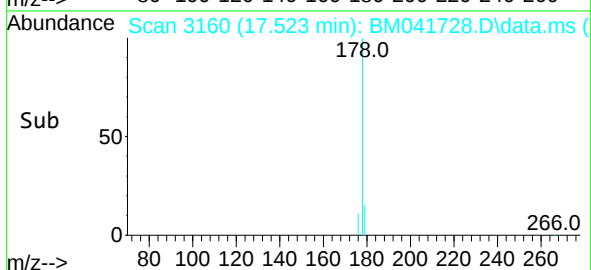
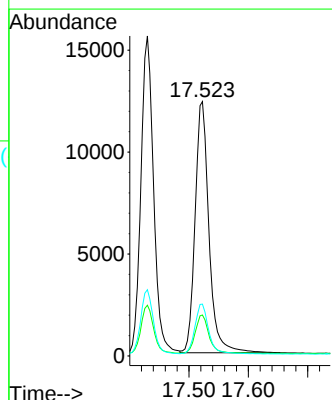
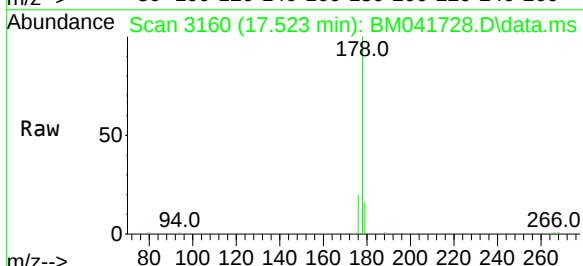
Tgt Ion:178 Resp: 19973

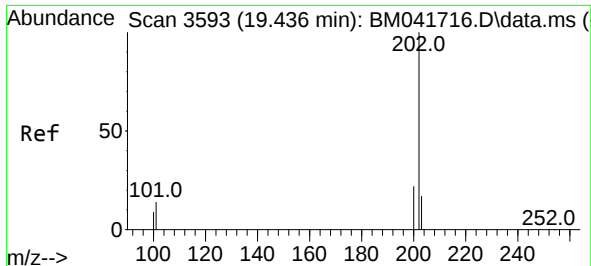
Ion Ratio Lower Upper

178 100

179 16.1 12.9 19.3

176 20.4 15.8 23.8

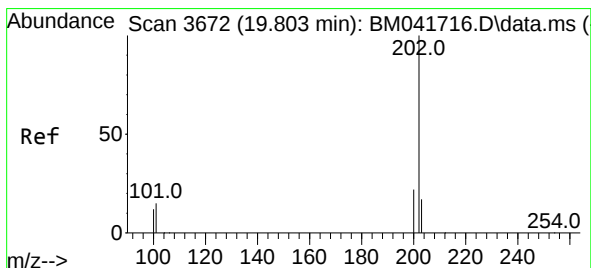
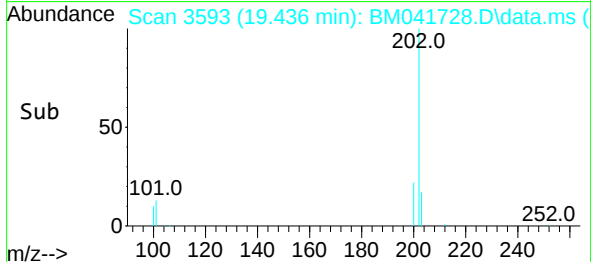
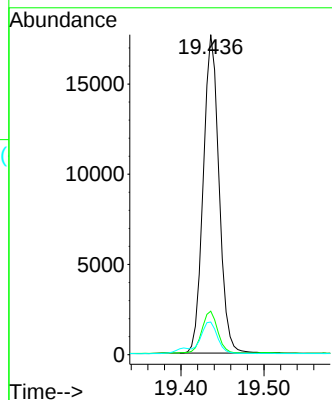
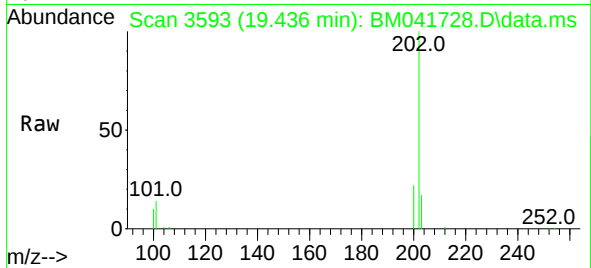




#19
Fluoranthene
Concen: 0.368 ng/ul
RT: 19.436 min Scan# 3593
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

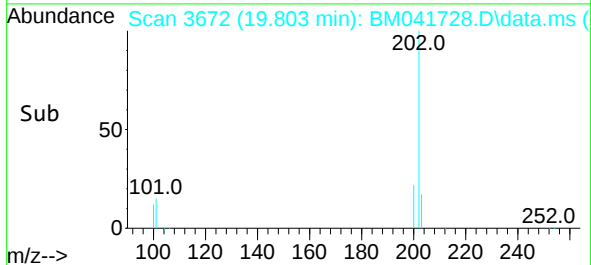
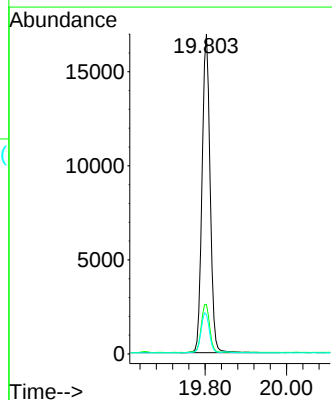
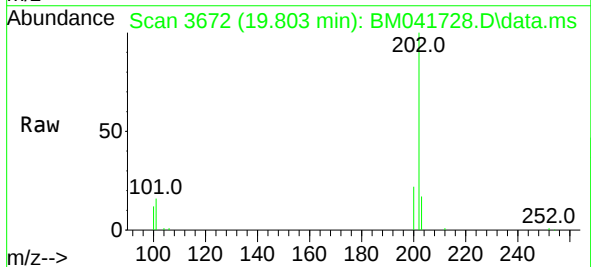
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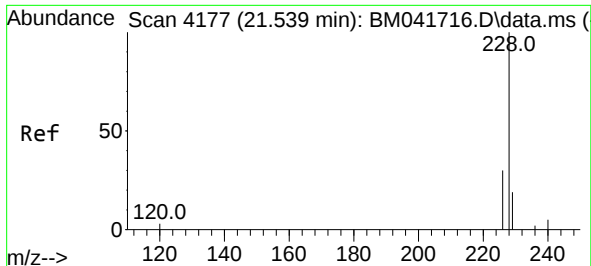
Tgt Ion:202 Resp: 23371
Ion Ratio Lower Upper
202 100
101 13.6 10.5 15.7
100 10.2 8.4 12.6



#20
Pyrene
Concen: 0.369 ng/ul
RT: 19.803 min Scan# 3672
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:202 Resp: 23260
Ion Ratio Lower Upper
202 100
101 15.5 11.8 17.8
100 12.3 9.8 14.6

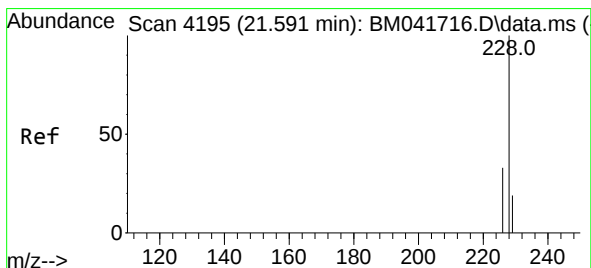
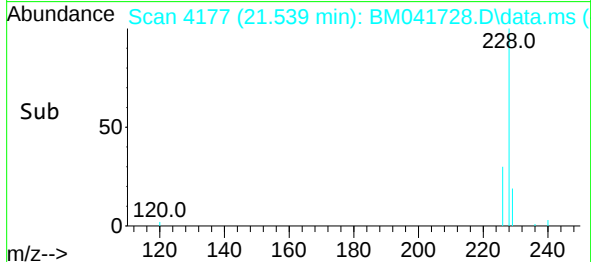
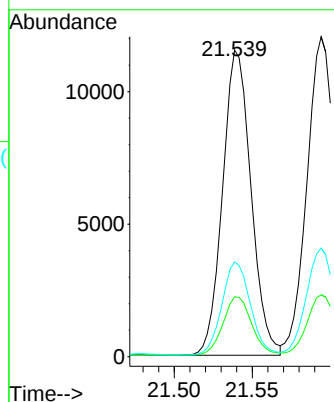
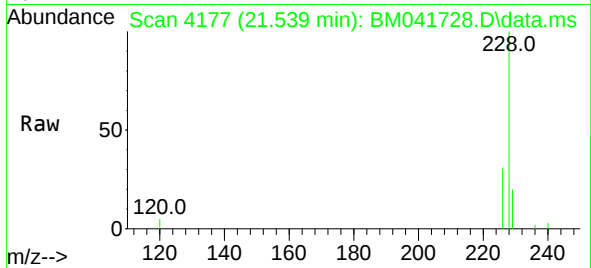




#21
Benzo(a)anthracene
Concen: 0.332 ng/ul
RT: 21.539 min Scan# 4177
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

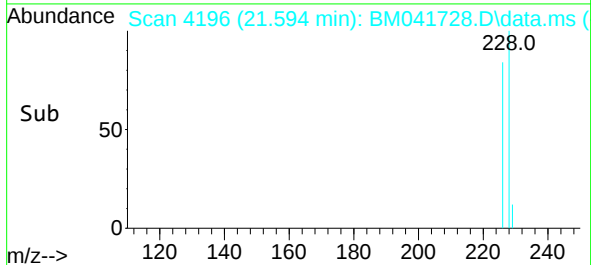
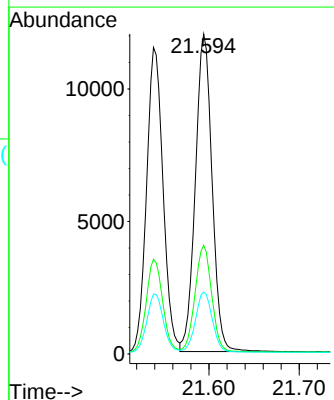
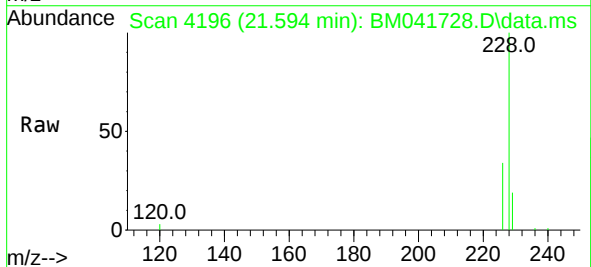
Instrument :
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ClientSampleId :
SLCS206

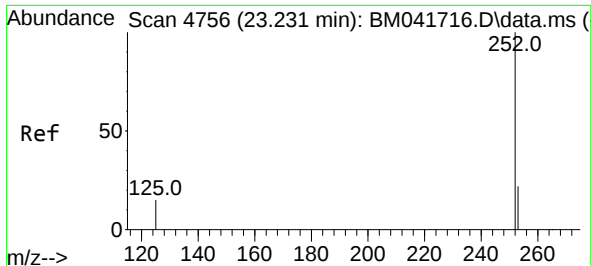
Tgt Ion:228	Resp:	14595
Ion Ratio	Lower	Upper
228	100	
229	19.5	15.8 23.6
226	30.9	24.8 37.2



#22
Chrysene
Concen: 0.325 ng/ul
RT: 21.594 min Scan# 4196
Delta R.T. 0.003 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:228	Resp:	15380
Ion Ratio	Lower	Upper
228	100	
226	34.0	27.0 40.6
229	19.3	15.4 23.2

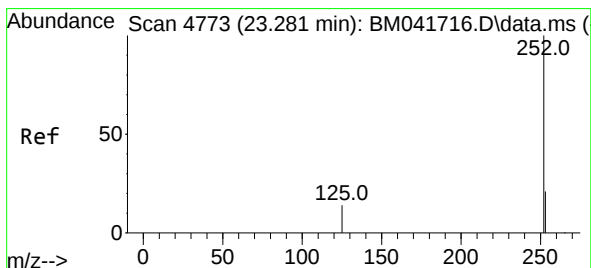
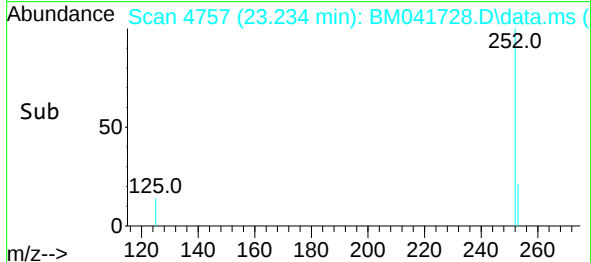
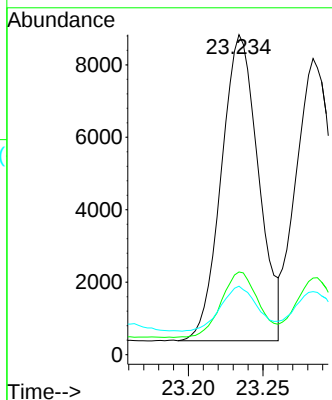
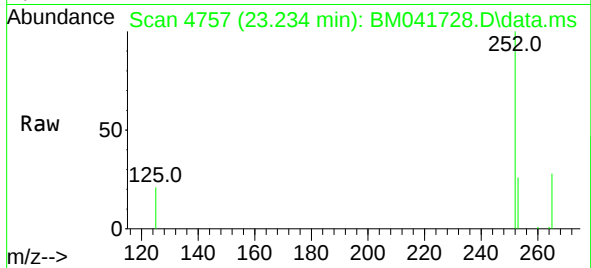




#24
Benzo(b)fluoranthene
Concen: 0.322 ng/ul
RT: 23.234 min Scan# 4756
Delta R.T. 0.003 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

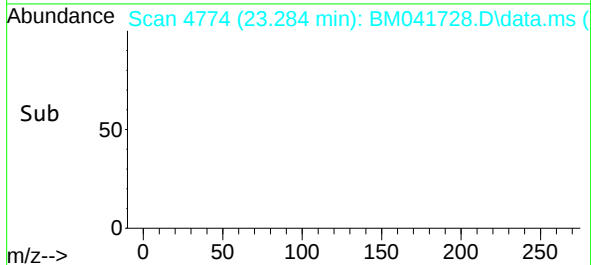
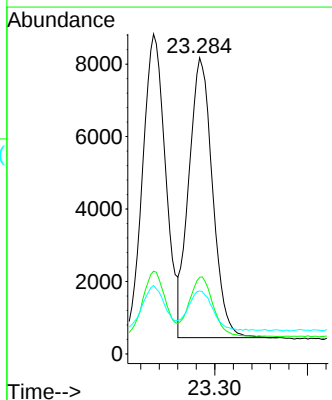
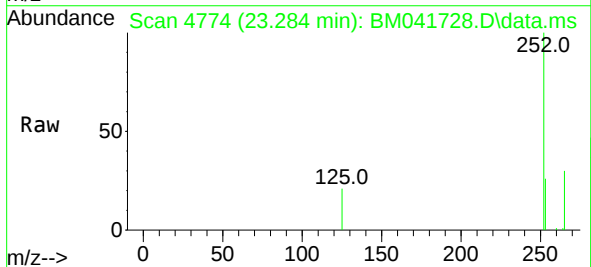
Instrument :
BNA_M
ClientSampleId :
SLCS206

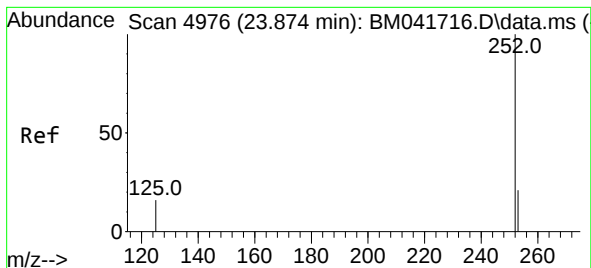
Tgt Ion:252	Resp:	14685
Ion Ratio	Lower	Upper
252	100	
253	25.8	0.0 52.4
125	21.4	0.0 42.8



#25
Benzo(k)fluoranthene
Concen: 0.307 ng/ul
RT: 23.284 min Scan# 4774
Delta R.T. 0.003 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:252	Resp:	13710
Ion Ratio	Lower	Upper
252	100	
253	25.9	21.3 31.9
125	21.3	17.4 26.0





#26

Benzo(a)pyrene

Concen: 0.318 ng/ul

RT: 23.874 min Scan# 4976

Delta R.T. -0.000 min

Lab File: BM041728.D

Acq: 08 Sep 2023 12:20

Instrument :

BNA_M

ClientSampleId :

SLCS206

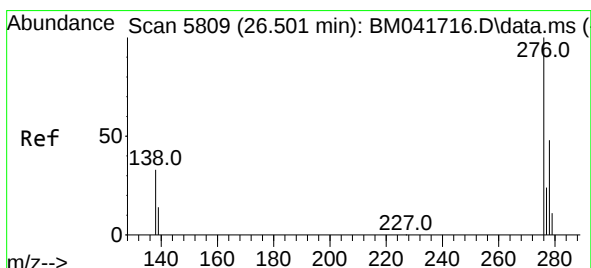
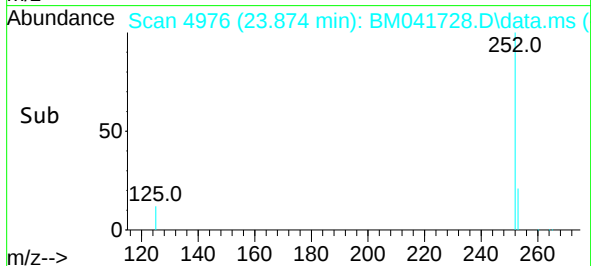
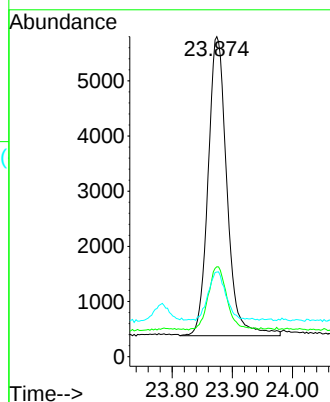
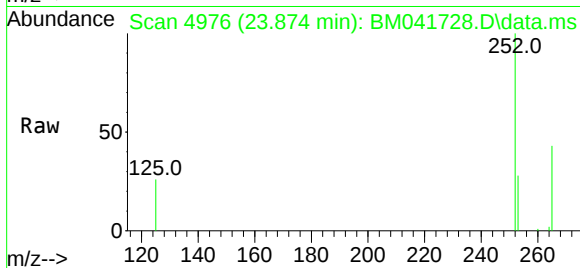
Tgt Ion:252 Resp: 11785

Ion Ratio Lower Upper

252 100

253 28.1 22.4 33.6

125 26.4 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.307 ng/ul

RT: 26.501 min Scan# 5809

Delta R.T. -0.000 min

Lab File: BM041728.D

Acq: 08 Sep 2023 12:20

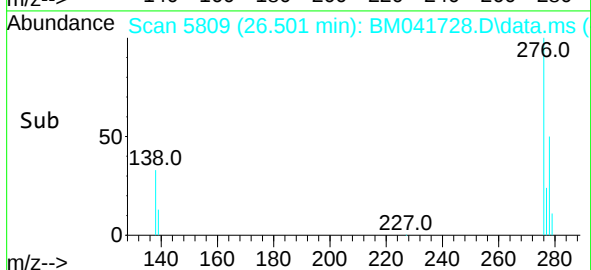
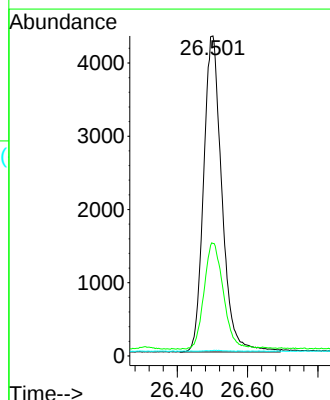
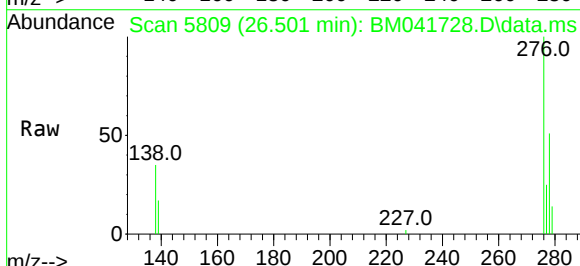
Tgt Ion:276 Resp: 15597

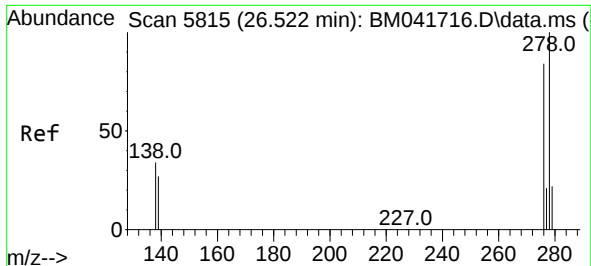
Ion Ratio Lower Upper

276 100

138 35.3 26.4 39.6

227 0.3 0.1 0.1#

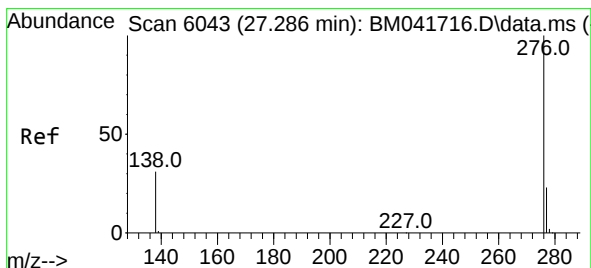
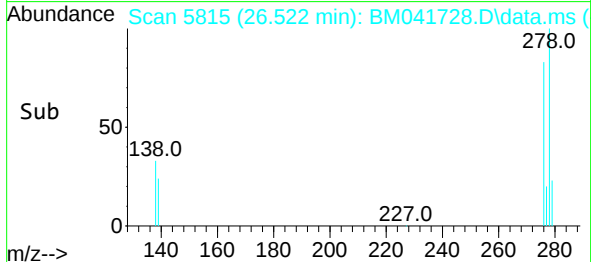
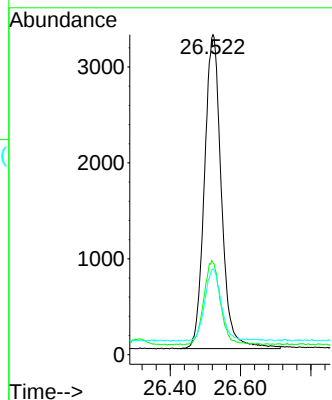
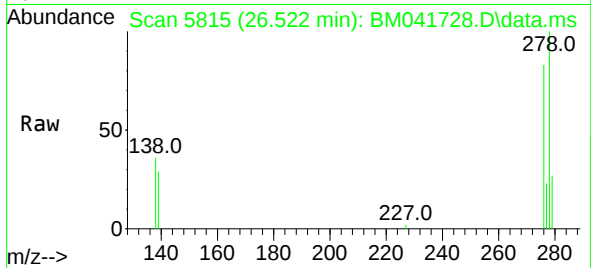




#28
Dibenzo(a,h)anthracene
Concen: 0.308 ng/ul
RT: 26.522 min Scan# 5815
Delta R.T. -0.000 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Instrument :
BNA_M
ClientSampleId :
SLCS206

Tgt Ion:278 Resp: 10979
Ion Ratio Lower Upper
278 100
139 28.7 23.0 34.6
279 26.8 22.9 34.3



#29
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 27.279 min Scan# 6041
Delta R.T. -0.007 min
Lab File: BM041728.D
Acq: 08 Sep 2023 12:20

Tgt Ion:276 Resp: 13429
Ion Ratio Lower Upper
276 100
138 32.6 25.0 37.4
277 24.6 20.2 30.2

