

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038119.D
 Acq On : 20 Dec 2022 01:14
 Operator : CG/JU
 Sample : PB149639BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS639

Quant Time: Dec 20 01:50:45 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 05:21:07 2022
 Response via : Initial Calibration

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

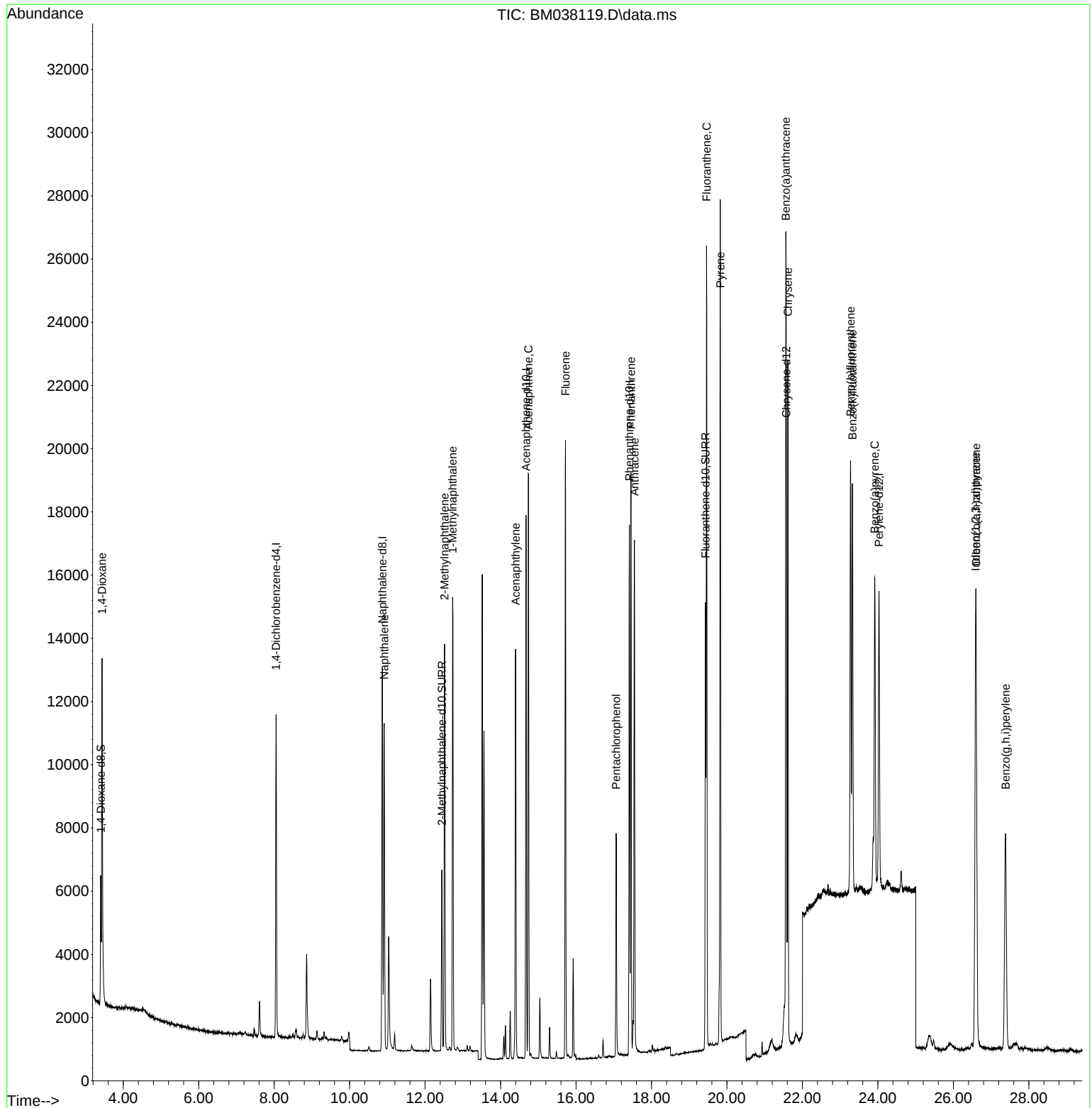
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5299	0.400	ng/u1	0.00
4) Naphthalene-d8	10.867	136	16400	0.400	ng/u1	# 0.00
9) Acenaphthene-d10	14.675	164	8969	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.413	188	18848	0.400	ng/u1	0.00
17) Chrysene-d12	21.577	240	12961	0.400	ng/u1	0.00
23) Perylene-d12	24.029	264	12467	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3130	0.432	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.445	152	7319	0.306	ng/u1	0.00
18) Fluoranthene-d10	19.431	212	14625	0.311	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.440	88	7651	1.171	ng/u1	90
5) Naphthalene	10.917	128	14347	0.289	ng/u1	99
7) 2-Methylnaphthalene	12.517	142	9155	0.300	ng/u1	99
8) 1-Methylnaphthalene	12.731	142	9799	0.314	ng/u1	99
10) Acenaphthylene	14.398	152	14307	0.304	ng/u1	99
11) Acenaphthene	14.740	153	10648	0.299	ng/u1	98
12) Fluorene	15.721	166	11834	0.300	ng/u1	99
14) Pentachlorophenol	17.063	266	4639	0.594	ng/u1	100
15) Phenanthrene	17.455	178	18776	0.296	ng/u1	99
16) Anthracene	17.548	178	17812	0.303	ng/u1	99
19) Fluoranthene	19.459	202	21327	0.319	ng/u1	96
20) Pyrene	19.822	202	21997	0.322	ng/u1	95
21) Benzo(a)anthracene	21.559	228	19250	0.344	ng/u1	99
22) Chrysene	21.615	228	18534	0.328	ng/u1	98
24) Benzo(b)fluoranthene	23.275	252	18231	0.308	ng/u1	96
25) Benzo(k)fluoranthene	23.325	252	17451	0.306	ng/u1	96
26) Benzo(a)pyrene	23.918	252	15114	0.304	ng/u1	97
27) Indeno(1,2,3-cd)pyrene	26.589	276	18346	0.294	ng/u1#	93
28) Dibenzo(a,h)anthracene	26.602	278	14522	0.298	ng/u1	98
29) Benzo(g,h,i)perylene	27.384	276	15226	0.287	ng/u1	97

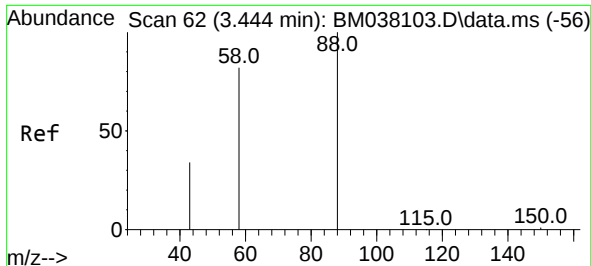
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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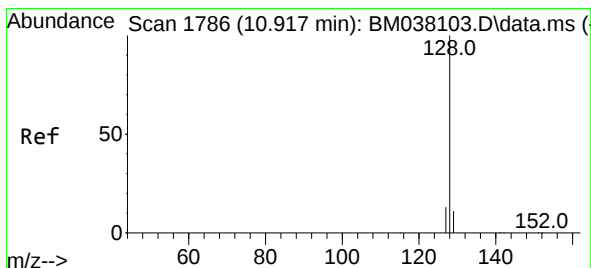
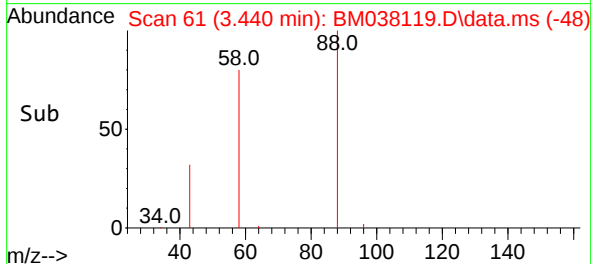
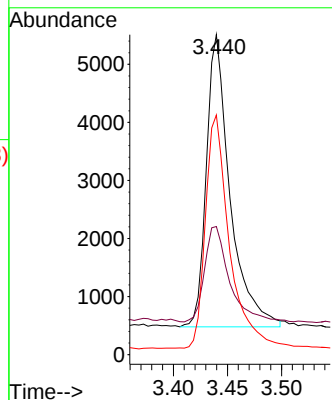
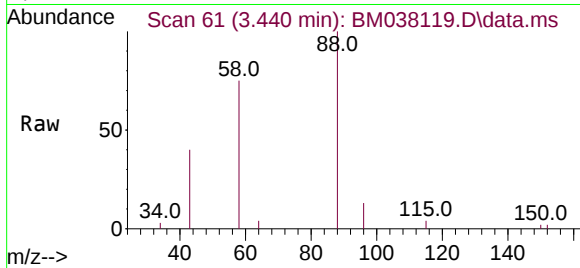




#2
1,4-Dioxane
Concen: 1.171 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

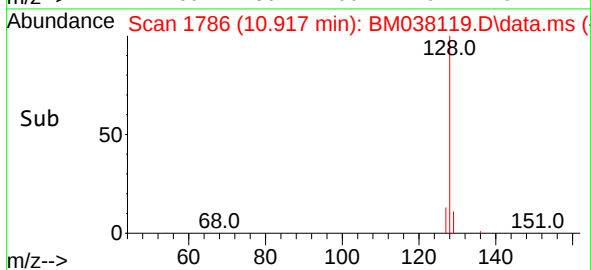
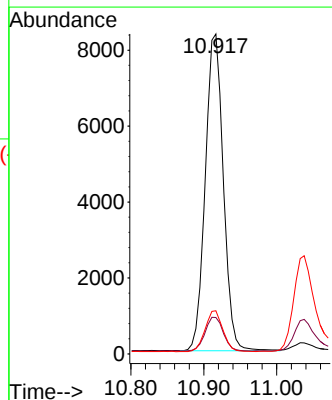
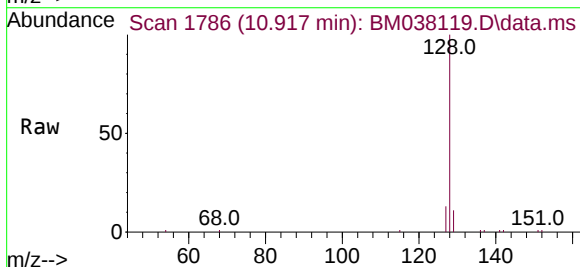
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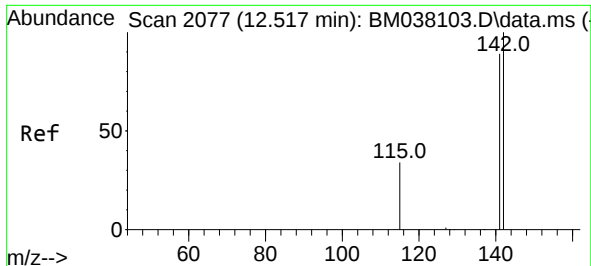
Tgt Ion: 88 Resp: 7651
Ion Ratio Lower Upper
88 100
43 40.0 31.4 47.0
58 74.9 50.2 75.2



#5
Naphthalene
Concen: 0.289 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

Tgt Ion: 128 Resp: 14347
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.5 10.4 15.6

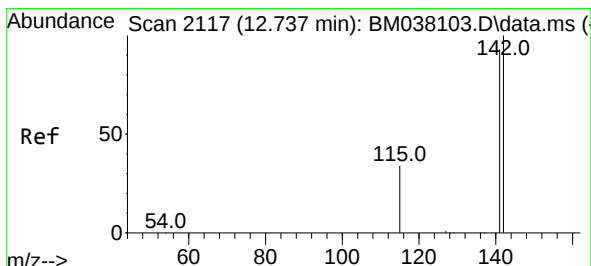
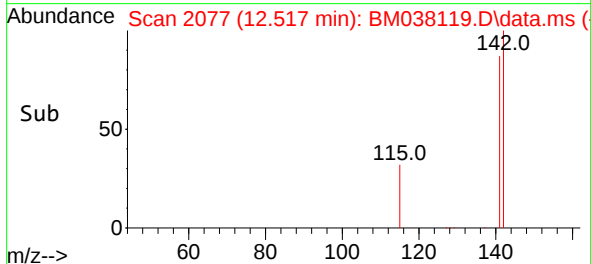
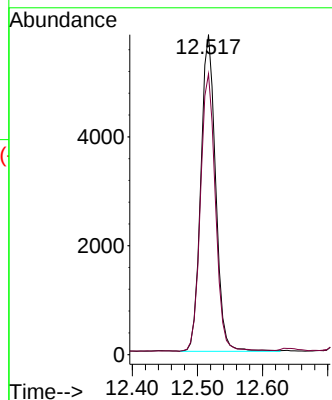
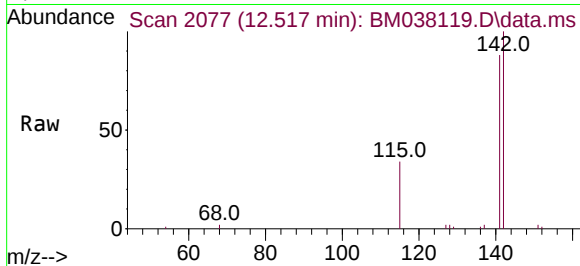




#7
2-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

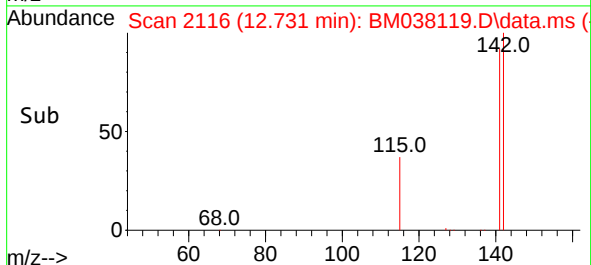
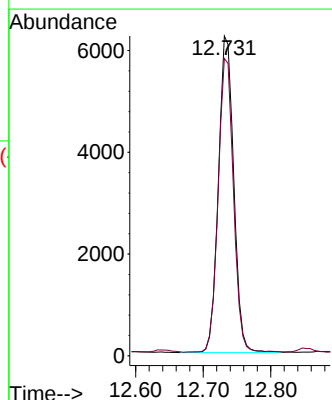
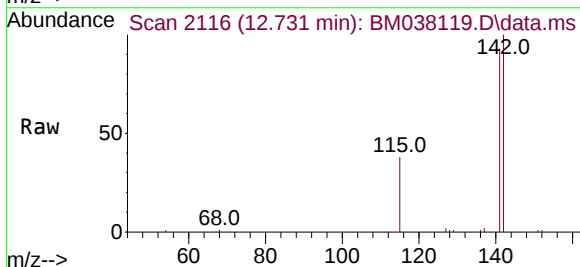
Instrument :
BNA_M
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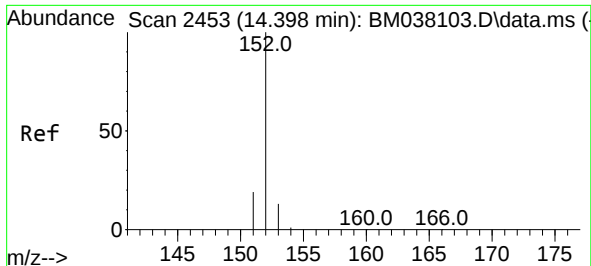
Tgt Ion:142 Resp: 9155
Ion Ratio Lower Upper
142 100
141 88.8 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.731 min Scan# 2116
Delta R.T. -0.005 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

Tgt Ion:142 Resp: 9799
Ion Ratio Lower Upper
142 100
141 92.9 73.6 110.4

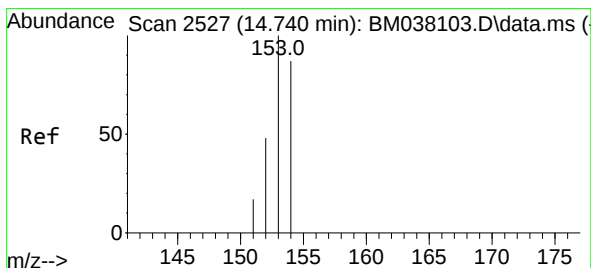
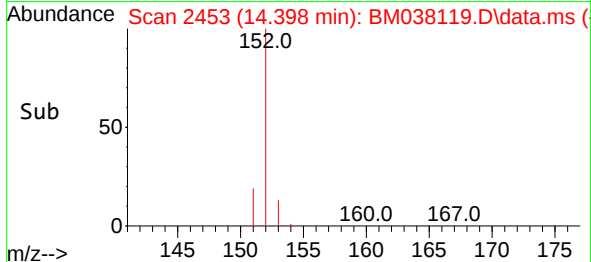
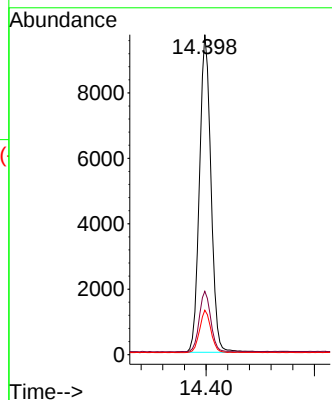
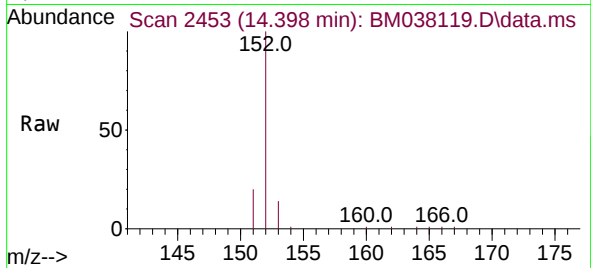




#10
Acenaphthylene
Concen: 0.304 ng/ul
RT: 14.398 min Scan# 2453
Delta R.T. -0.005 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

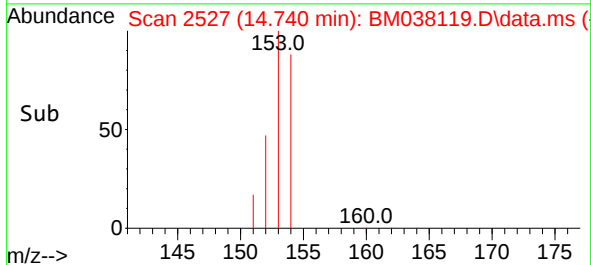
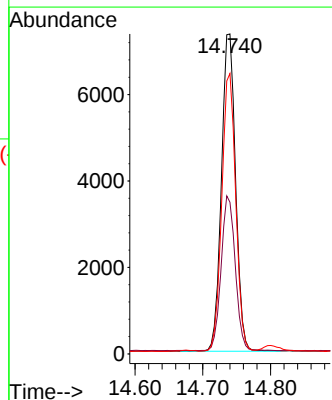
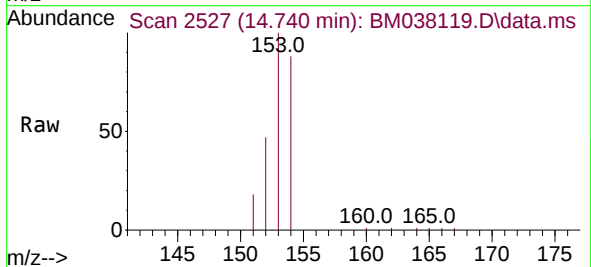
Instrument :
BNA_M
ClientSampleId :
SLCS639

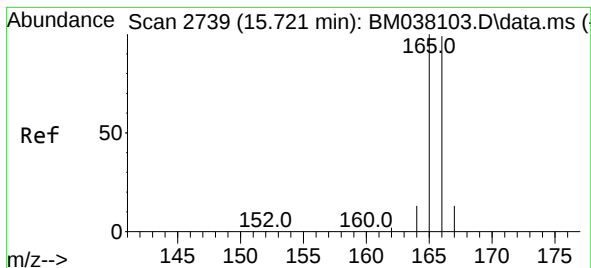
Tgt Ion:152 Resp: 14307
Ion Ratio Lower Upper
152 100
151 19.8 15.5 23.3
153 13.9 11.0 16.4



#11
Acenaphthene
Concen: 0.299 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

Tgt Ion:153 Resp: 10648
Ion Ratio Lower Upper
153 100
152 47.4 39.5 59.3
154 87.6 69.2 103.8





#12

Fluorene

Concen: 0.300 ng/ul

RT: 15.721 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038119.D

Acq: 20 Dec 2022 01:14

Instrument :

BNA_M

ClientSampleId :

SLCS639

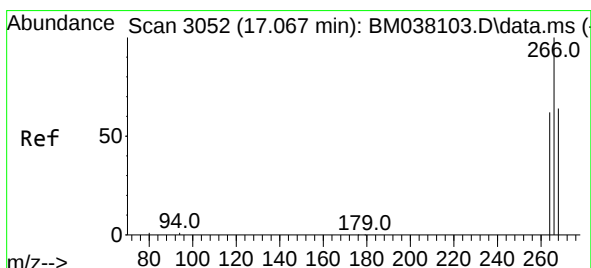
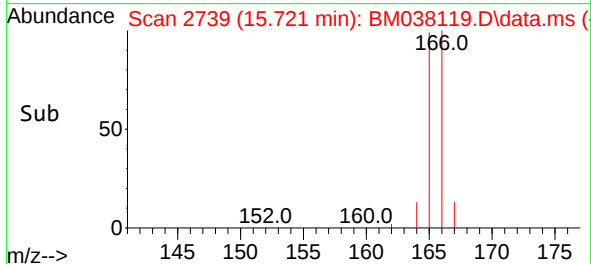
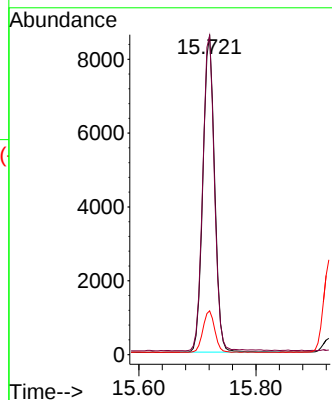
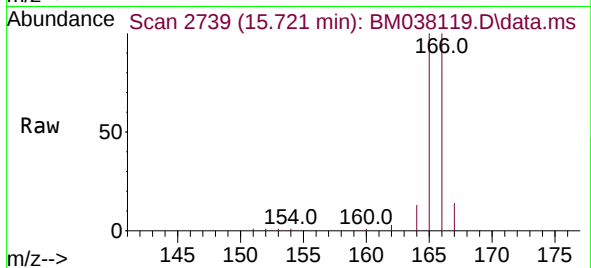
Tgt Ion:166 Resp: 11834

Ion Ratio Lower Upper

166 100

165 99.6 79.0 118.4

167 13.7 11.1 16.7



#14

Pentachlorophenol

Concen: 0.594 ng/ul

RT: 17.063 min Scan# 3051

Delta R.T. -0.004 min

Lab File: BM038119.D

Acq: 20 Dec 2022 01:14

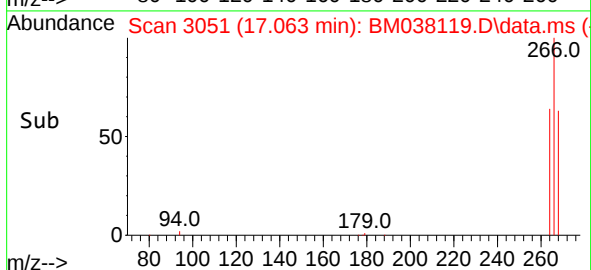
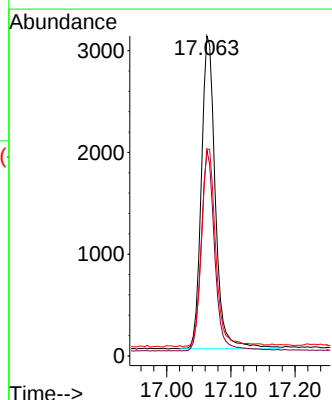
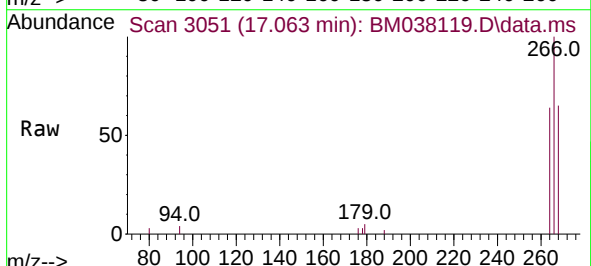
Tgt Ion:266 Resp: 4639

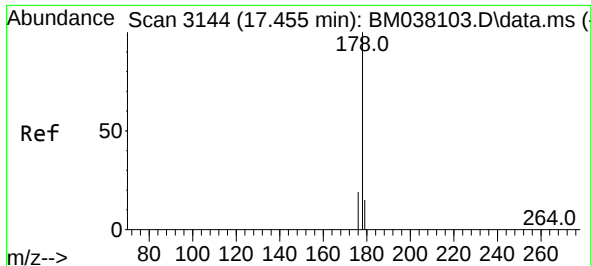
Ion Ratio Lower Upper

266 100

264 62.0 49.9 74.9

268 65.0 52.0 78.0

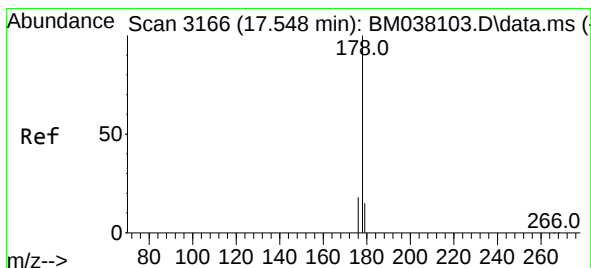
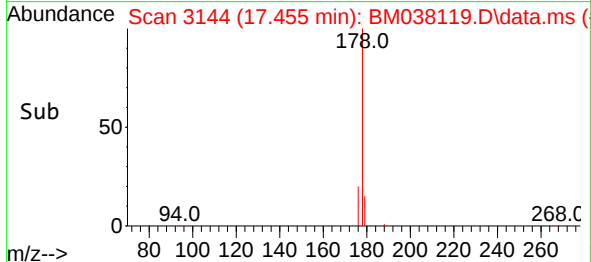
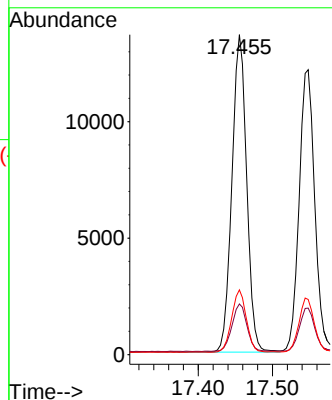
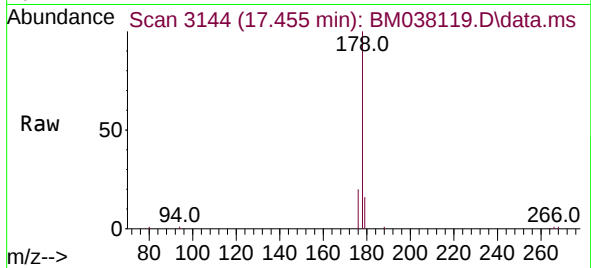




#15
Phenanthrene
Concen: 0.296 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

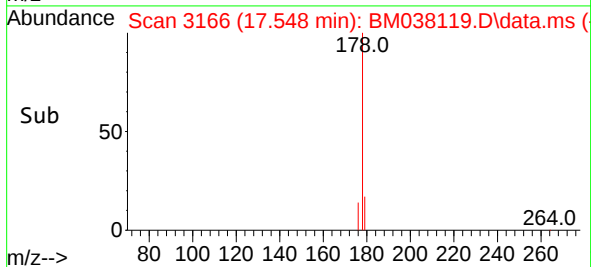
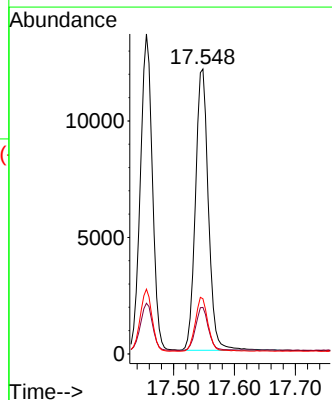
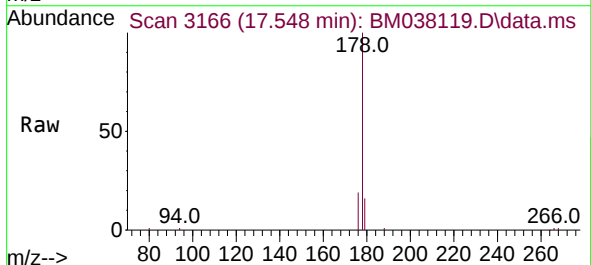
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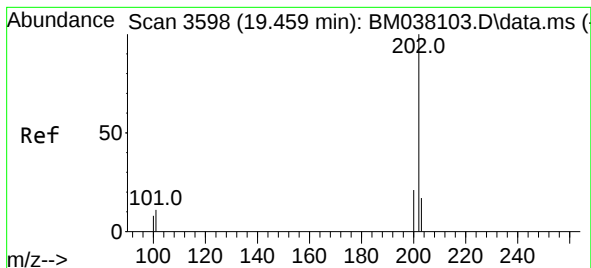
Tgt Ion:178 Resp: 18776
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 20.2 15.8 23.6



#16
Anthracene
Concen: 0.303 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

Tgt Ion:178 Resp: 17812
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 19.3 15.0 22.4





#19

Fluoranthene

Concen: 0.319 ng/ul

RT: 19.459 min Scan# 3598

Delta R.T. -0.005 min

Lab File: BM038119.D

Acq: 20 Dec 2022 01:14

Instrument :

BNA_M

ClientSampleId :

SLCS639

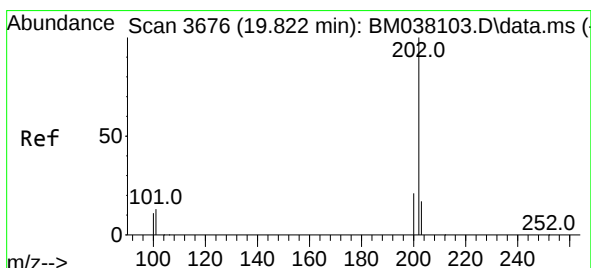
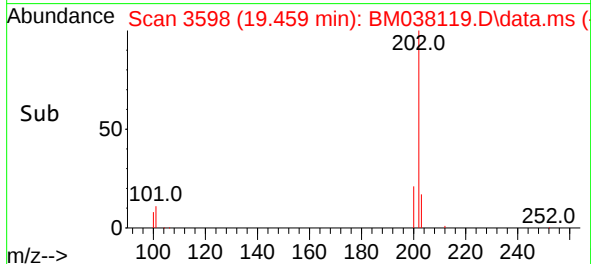
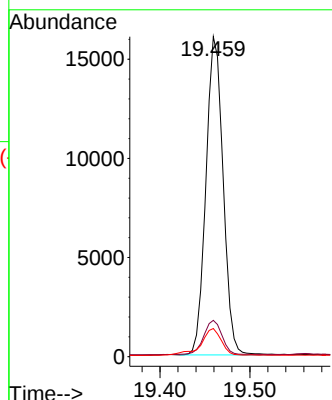
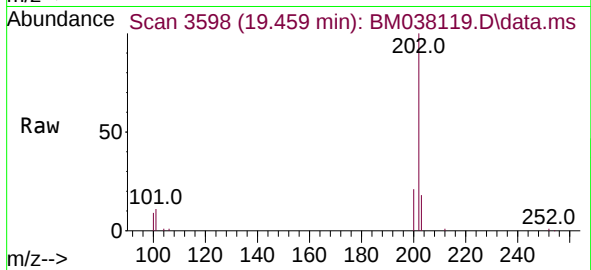
Tgt Ion:202 Resp: 21327

Ion Ratio Lower Upper

202 100

101 11.3 10.6 15.8

100 8.8 7.9 11.9



#20

Pyrene

Concen: 0.322 ng/ul

RT: 19.822 min Scan# 3676

Delta R.T. -0.005 min

Lab File: BM038119.D

Acq: 20 Dec 2022 01:14

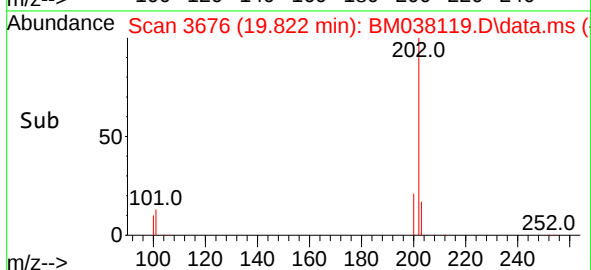
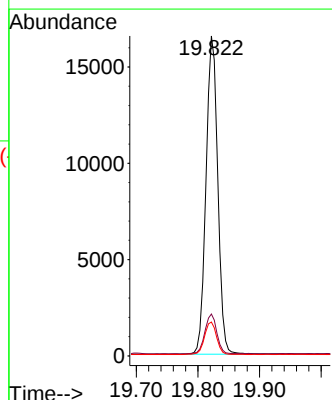
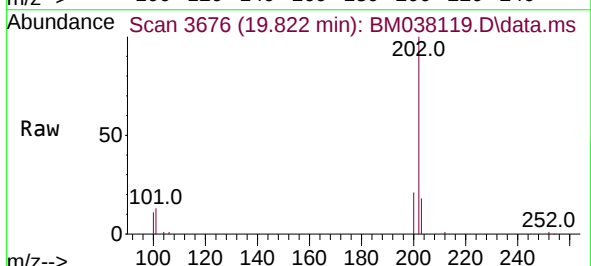
Tgt Ion:202 Resp: 21997

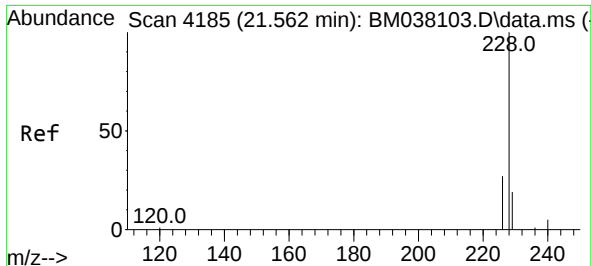
Ion Ratio Lower Upper

202 100

101 13.1 12.1 18.1

100 10.6 9.8 14.6

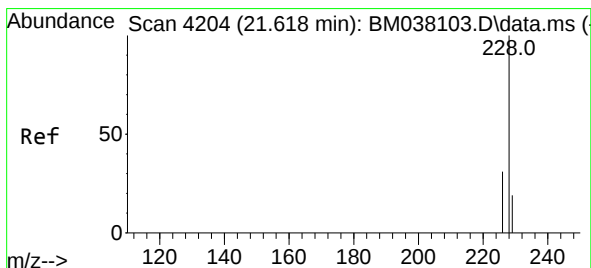
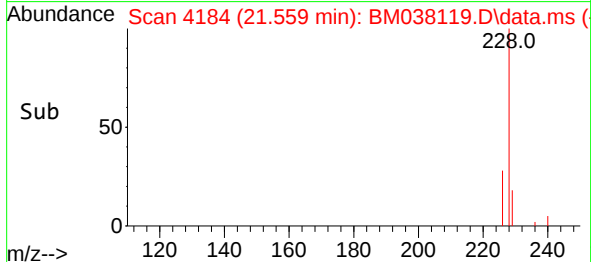
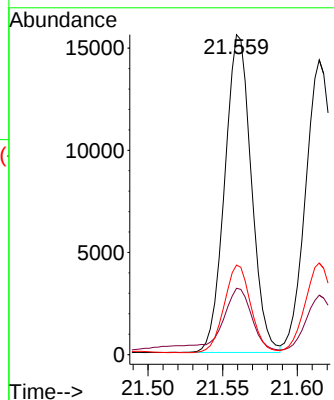
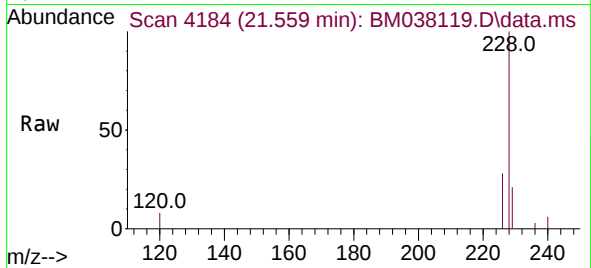




#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.559 min Scan# 4185
Delta R.T. -0.006 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

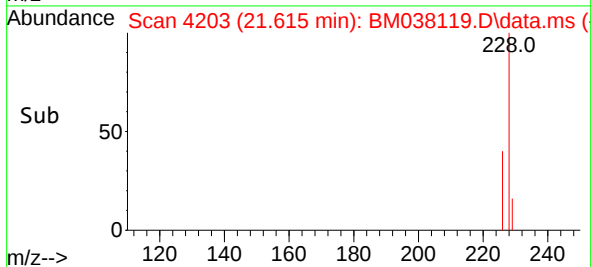
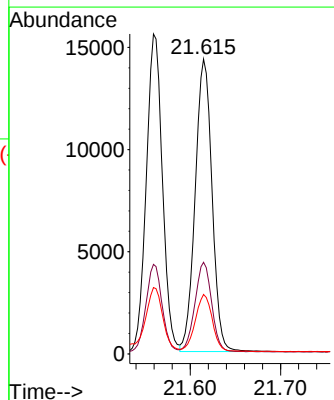
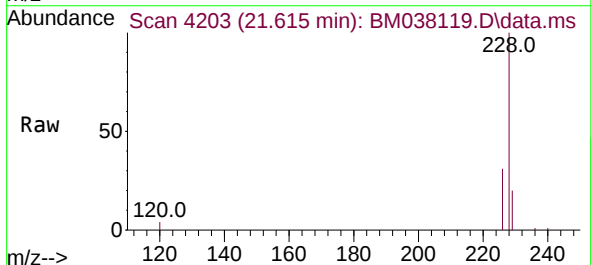
Instrument :
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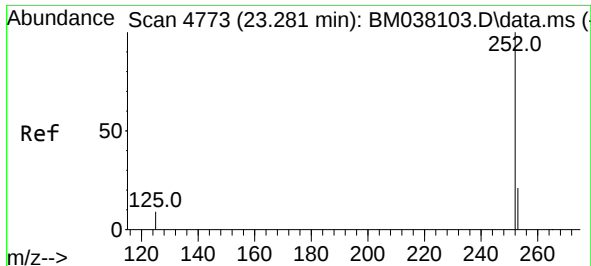
Tgt Ion:228 Resp: 19250
Ion Ratio Lower Upper
228 100
229 20.7 15.9 23.9
226 28.0 22.1 33.1



#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.615 min Scan# 4203
Delta R.T. -0.003 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

Tgt Ion:228 Resp: 18534
Ion Ratio Lower Upper
228 100
226 31.0 24.1 36.1
229 20.2 15.7 23.5

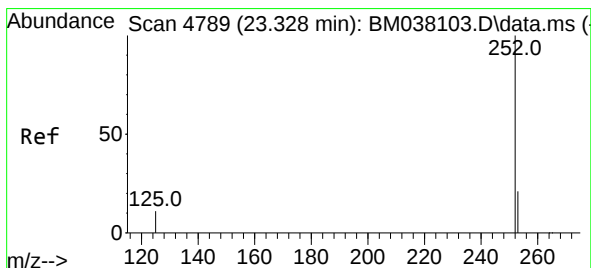
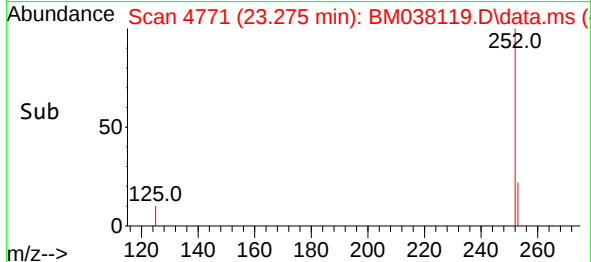
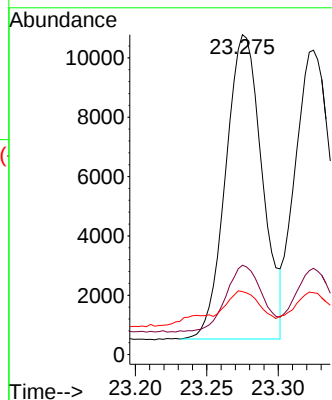
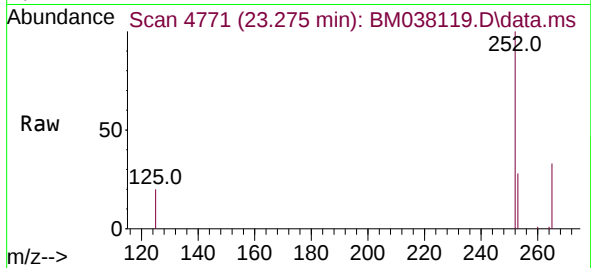




#24
Benzo(b)fluoranthene
Concen: 0.308 ng/ul
RT: 23.275 min Scan# 4771
Delta R.T. -0.006 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

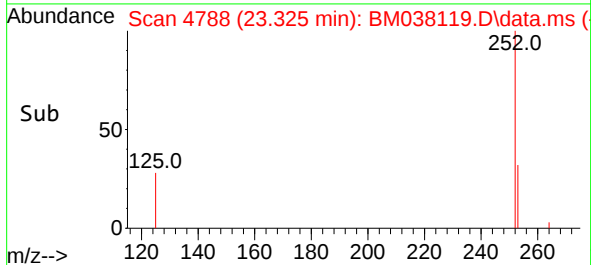
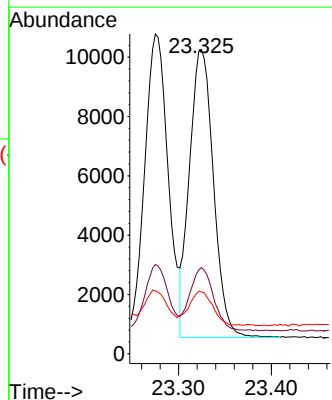
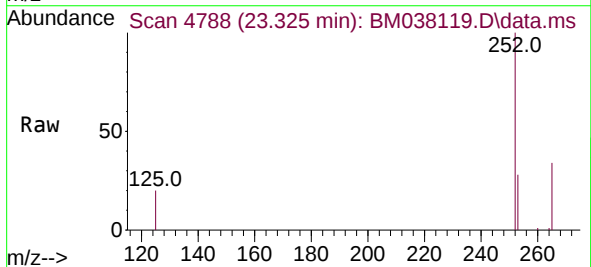
Instrument :
BNA_M
ClientSampleId :
SLCS639

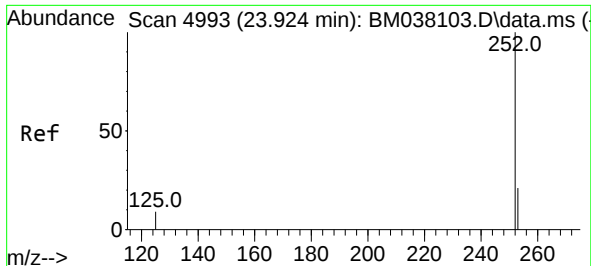
Tgt Ion:252 Resp: 18231
Ion Ratio Lower Upper
252 100
253 27.9 0.0 51.8
125 19.7 0.0 42.2



#25
Benzo(k)fluoranthene
Concen: 0.306 ng/ul
RT: 23.325 min Scan# 4788
Delta R.T. -0.006 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

Tgt Ion:252 Resp: 17451
Ion Ratio Lower Upper
252 100
253 28.3 20.8 31.2
125 20.3 17.1 25.7

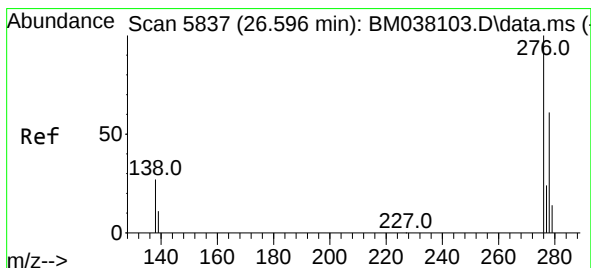
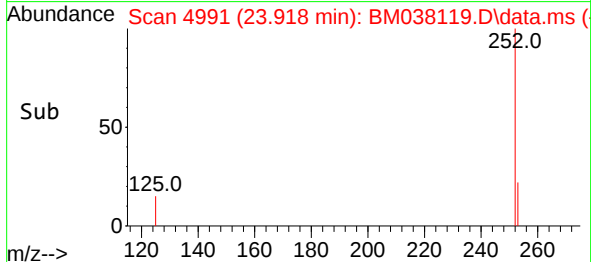
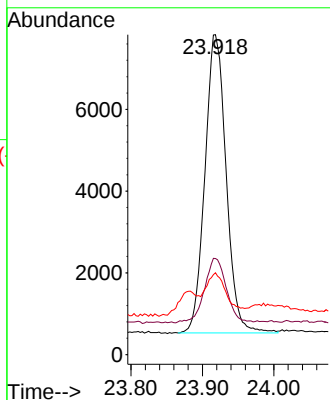
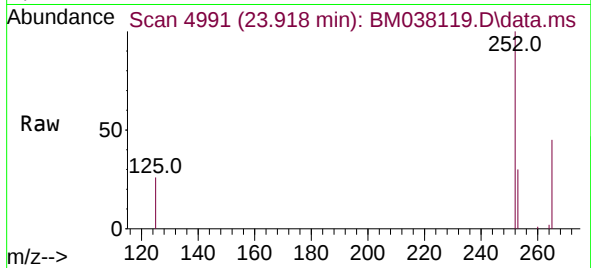




#26
Benzo(a)pyrene
Concen: 0.304 ng/ul
RT: 23.918 min Scan# 4991
Delta R.T. -0.006 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

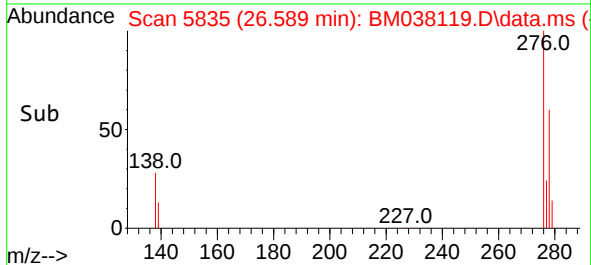
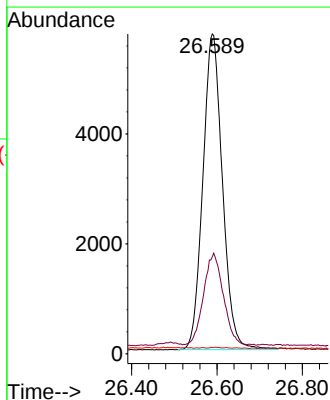
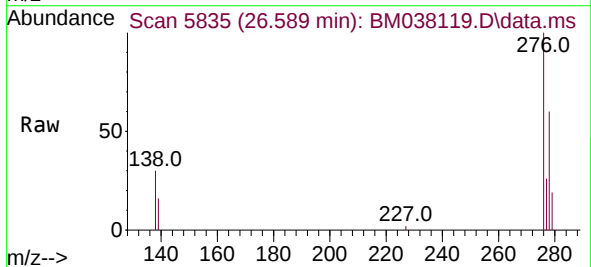
Instrument :
BNA_M
ClientSampleId :
SLCS639

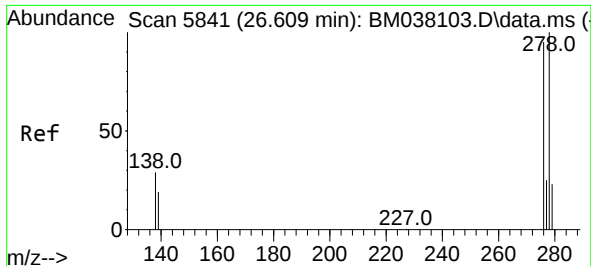
Tgt Ion:252 Resp: 15114
Ion Ratio Lower Upper
252 100
253 30.0 21.9 32.9
125 25.6 20.7 31.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.294 ng/ul
RT: 26.589 min Scan# 5835
Delta R.T. -0.010 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

Tgt Ion:276 Resp: 18346
Ion Ratio Lower Upper
276 100
138 29.1 26.6 40.0
227 0.2 0.1 0.1#

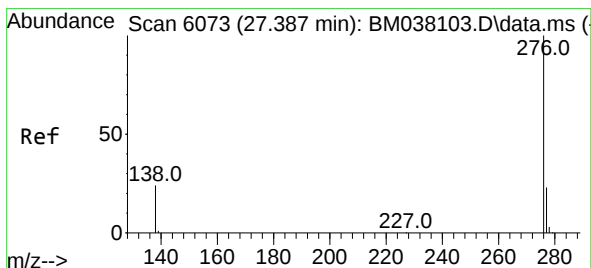
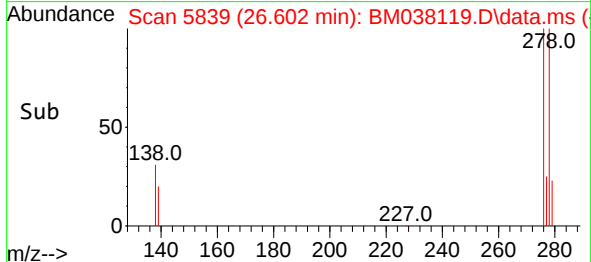
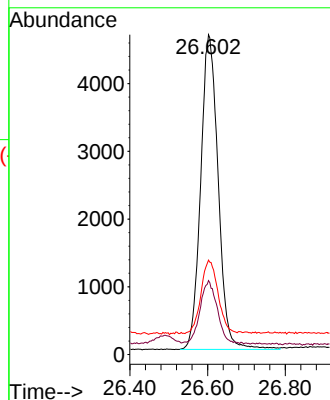
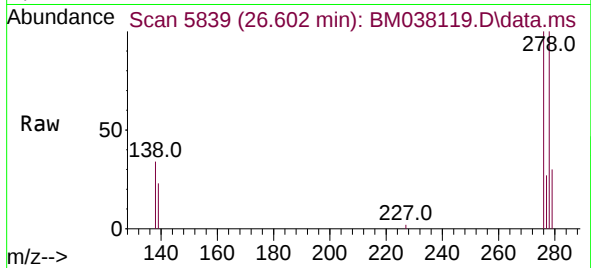




#28
Dibenzo(a,h)anthracene
Concen: 0.298 ng/ul
RT: 26.602 min Scan# 5841
Delta R.T. -0.013 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

Instrument :
BNA_M
ClientSampleId :
SLCS639

Tgt Ion: 278 Resp: 14522
Ion Ratio Lower Upper
278 100
139 23.1 19.0 28.6
279 29.5 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.287 ng/ul
RT: 27.384 min Scan# 6072
Delta R.T. -0.010 min
Lab File: BM038119.D
Acq: 20 Dec 2022 01:14

Tgt Ion: 276 Resp: 15226
Ion Ratio Lower Upper
276 100
138 27.9 24.1 36.1
277 24.9 19.0 28.6

