

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038095.D
 Acq On : 17 Dec 2022 09:01
 Operator : CG/JU
 Sample : PB149715BS
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS715

Quant Time: Dec 19 03:17:33 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

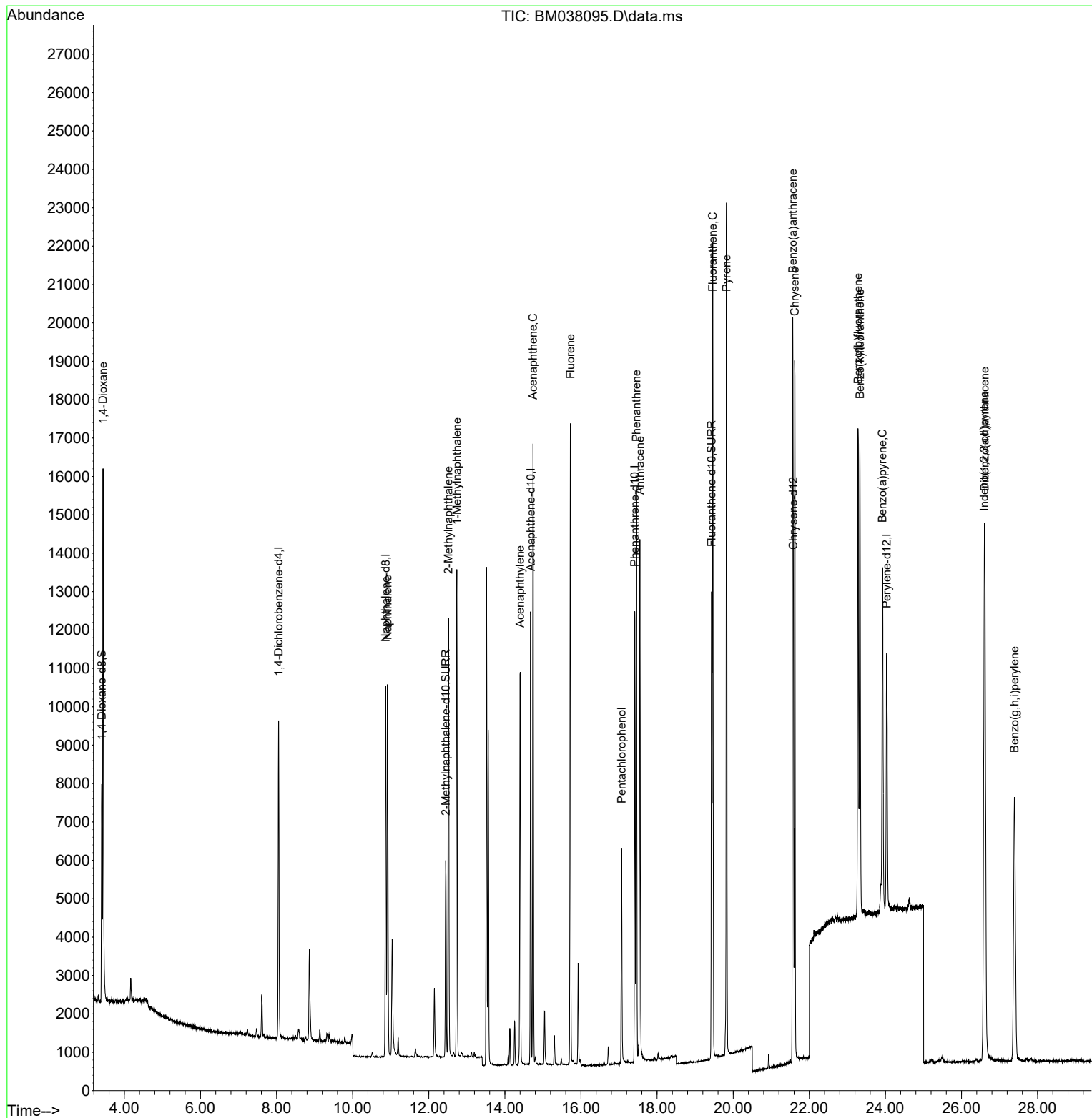
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	4425	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	12549	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	6285	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	13146	0.400	ng/ul	0.00
17) Chrysene-d12	21.583	240	9180	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	9651	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	3843	0.635	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	6699	0.366	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	12621	0.379	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.440	88	8767	1.607	ng/ul#	87
5) Naphthalene	10.917	128	13249	0.348	ng/ul	99
7) 2-Methylnaphthalene	12.517	142	8037	0.344	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	8585	0.359	ng/ul	99
10) Acenaphthylene	14.402	152	11867	0.360	ng/ul	99
11) Acenaphthene	14.740	153	8965	0.359	ng/ul	99
12) Fluorene	15.721	166	9916	0.358	ng/ul	99
14) Pentachlorophenol	17.067	266	3762	0.691	ng/ul	100
15) Phenanthrene	17.455	178	15680	0.354	ng/ul	99
16) Anthracene	17.548	178	14597	0.357	ng/ul	99
19) Fluoranthene	19.464	202	17569	0.371	ng/ul	95
20) Pyrene	19.826	202	18139	0.375	ng/ul	95
21) Benzo(a)anthracene	21.565	228	15672	0.395	ng/ul	100
22) Chrysene	21.618	228	15800	0.395	ng/ul	99
24) Benzo(b)fluoranthene	23.281	252	16697	0.365	ng/ul	97
25) Benzo(k)fluoranthene	23.331	252	15569	0.352	ng/ul	97
26) Benzo(a)pyrene	23.924	252	13958	0.362	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.599	276	18120	0.375	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.612	278	14343	0.381	ng/ul	98
29) Benzo(g,h,i)perylene	27.390	276	15487	0.377	ng/ul	97

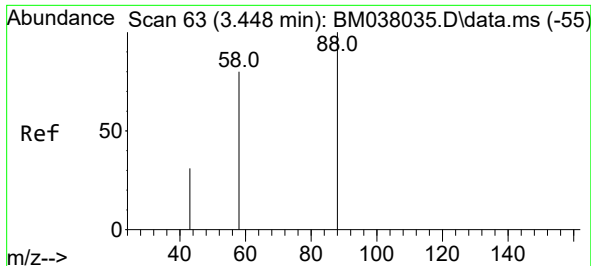
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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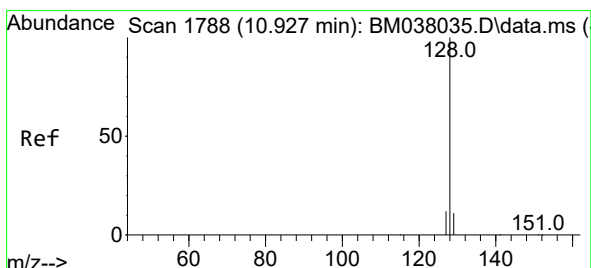
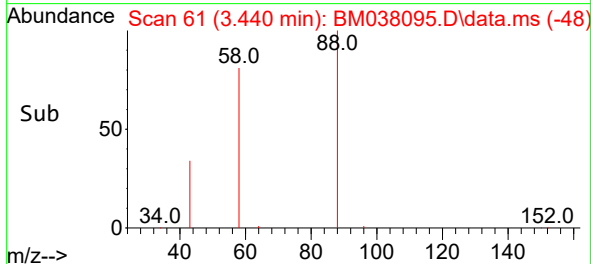
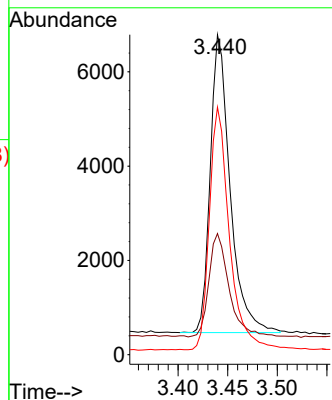
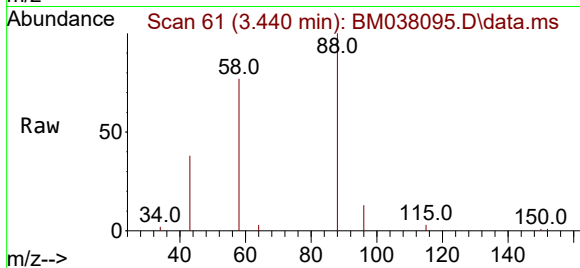




#2
1,4-Dioxane
Concen: 1.607 ng/ul
RT: 3.440 min Scan# 61
Delta R.T. -0.004 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

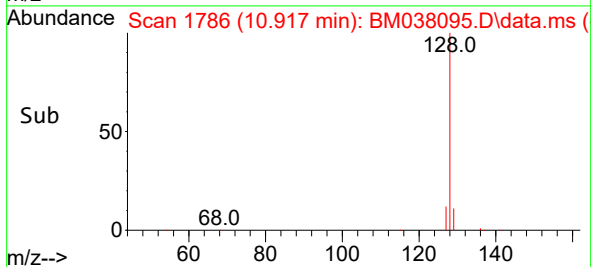
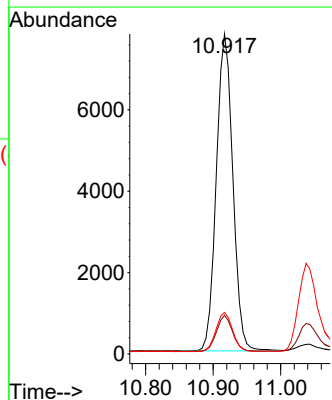
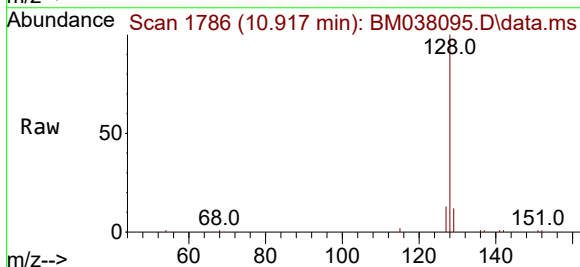
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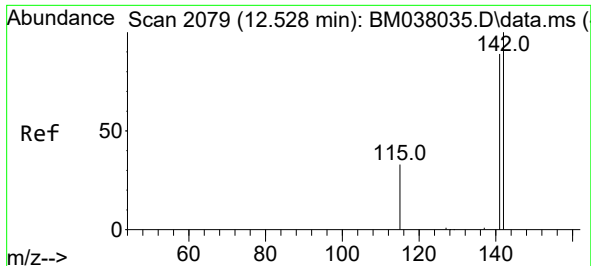
Tgt Ion: 88 Resp: 8767
Ion Ratio Lower Upper
88 100
43 37.8 31.4 47.0
58 77.3 50.2 75.2#



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:128 Resp: 13249
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 13.0 10.4 15.6

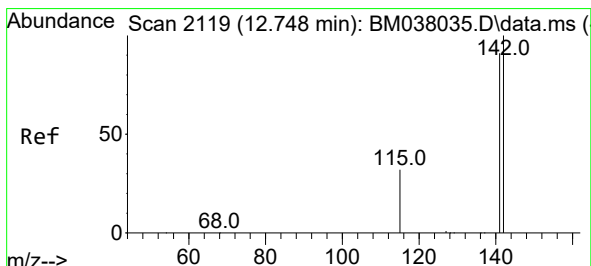
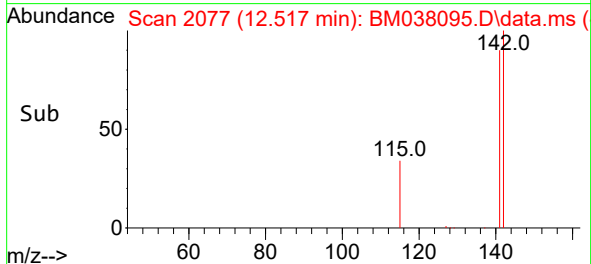
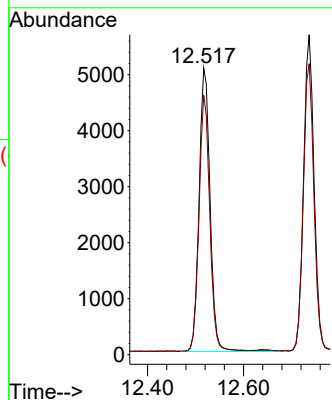
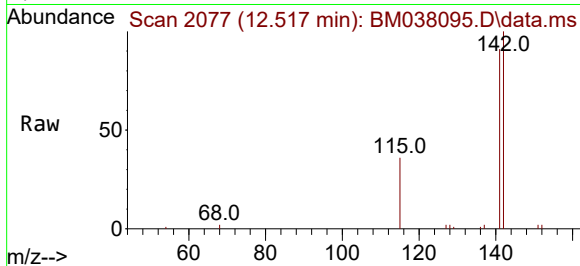




#7
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

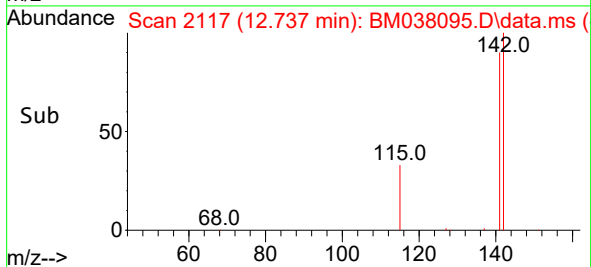
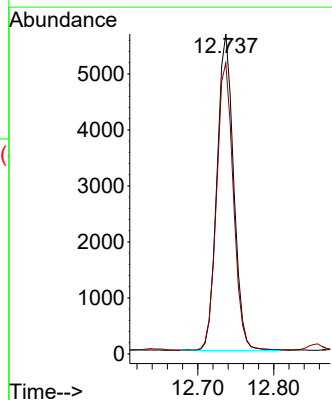
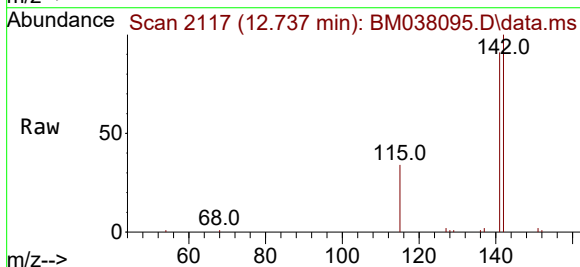
Instrument :
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ClientSampleId :
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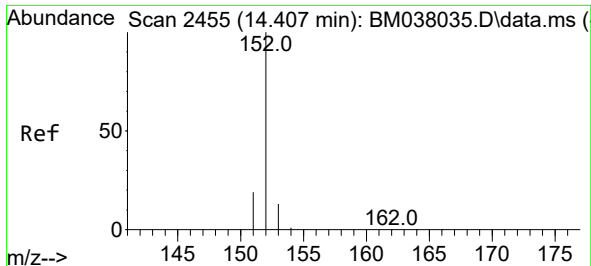
Tgt Ion:142 Resp: 8037
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.737 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:142 Resp: 8585
Ion Ratio Lower Upper
142 100
141 91.3 73.6 110.4

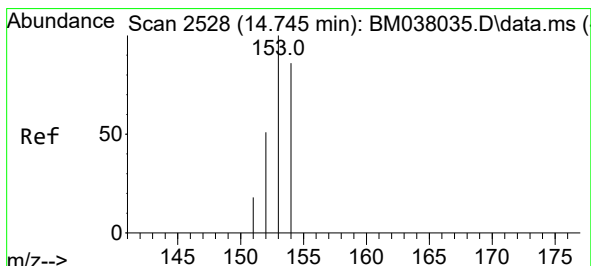
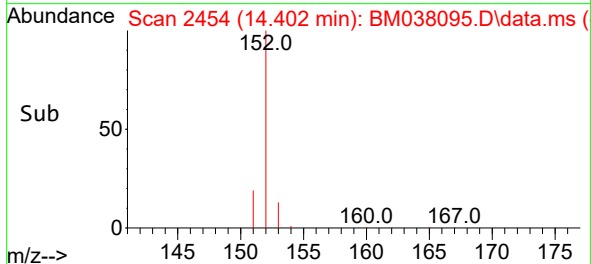
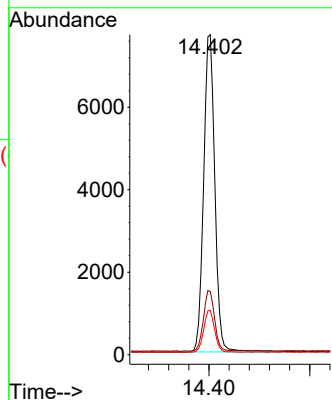
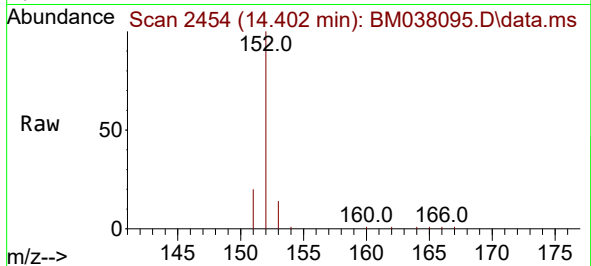




#10
Acenaphthylene
Concen: 0.360 ng/ul
RT: 14.402 min Scan# 2455
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

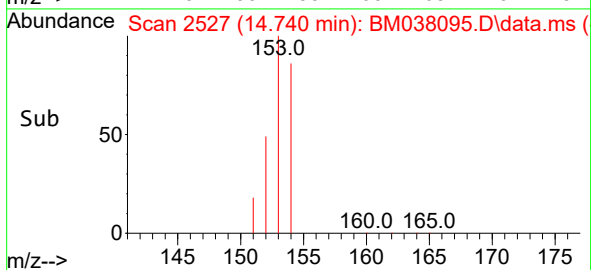
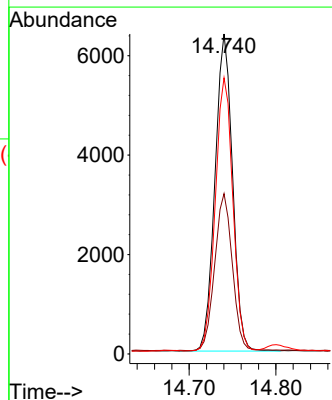
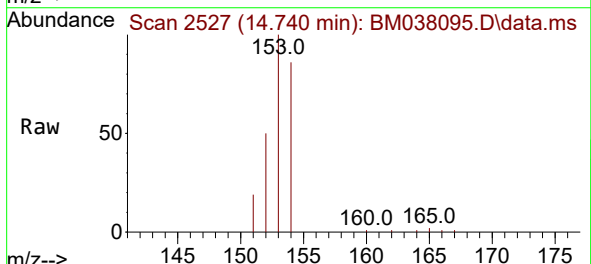
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ClientSampleId :
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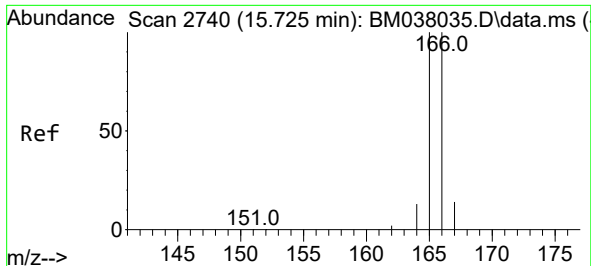
Tgt Ion:152 Resp: 11867
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 13.9 11.0 16.4



#11
Acenaphthene
Concen: 0.359 ng/ul
RT: 14.740 min Scan# 2527
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:153 Resp: 8965
Ion Ratio Lower Upper
153 100
152 50.1 39.5 59.3
154 86.3 69.2 103.8

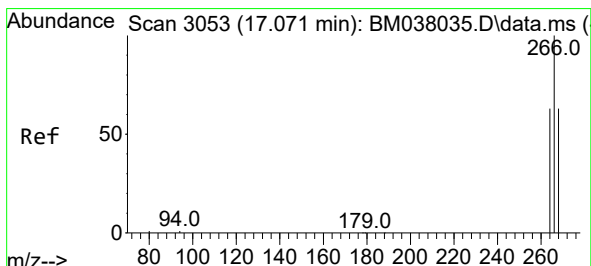
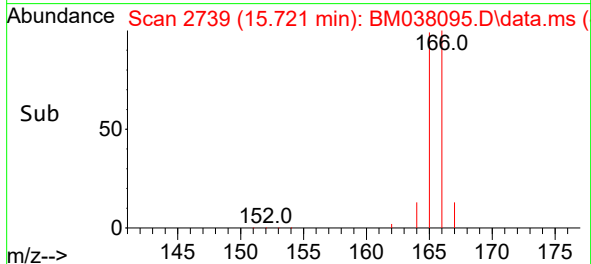
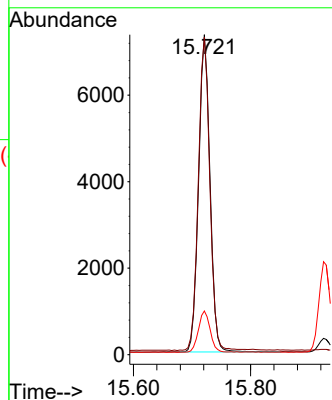
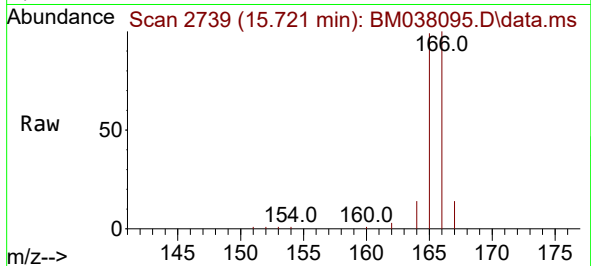




#12
Fluorene
Concen: 0.358 ng/ul
RT: 15.721 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

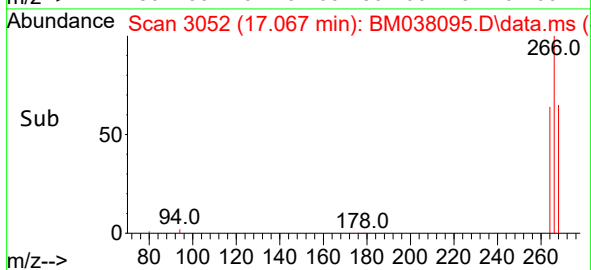
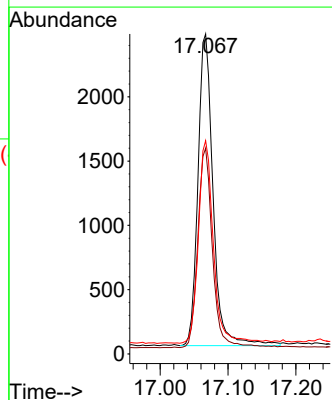
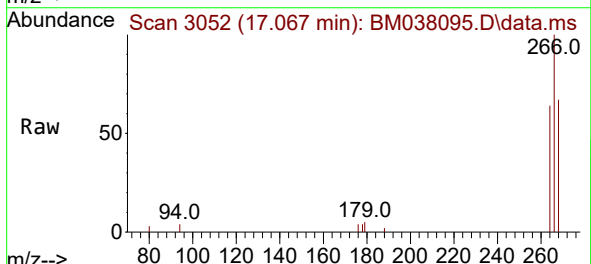
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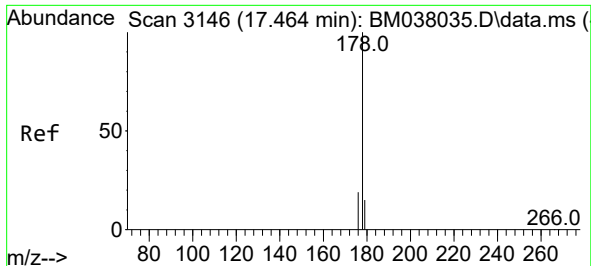
Tgt Ion:166 Resp: 9916
Ion Ratio Lower Upper
166 100
165 99.2 79.0 118.4
167 13.7 11.1 16.7



#14
Pentachlorophenol
Concen: 0.691 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:266 Resp: 3762
Ion Ratio Lower Upper
266 100
264 62.5 49.9 74.9
268 64.5 52.0 78.0

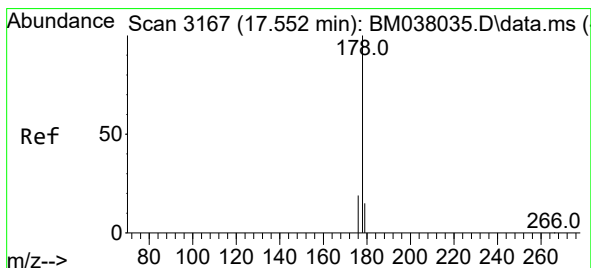
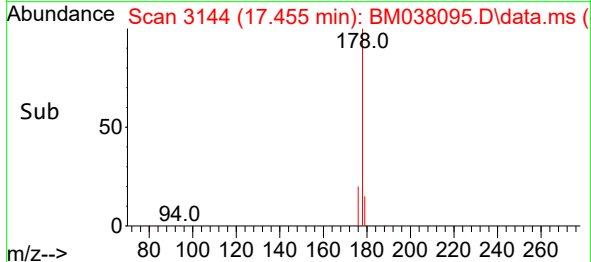
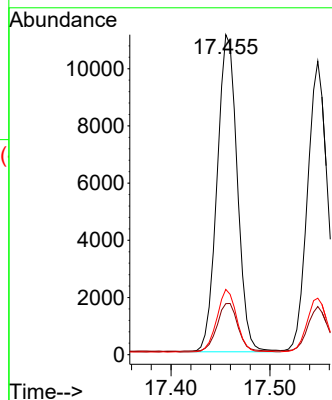
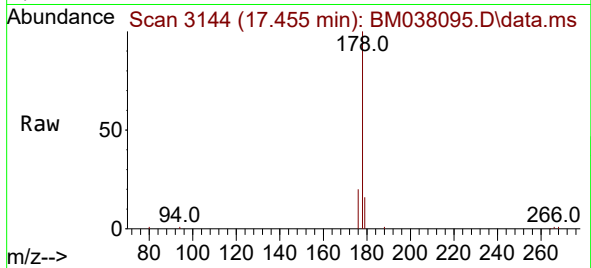




#15
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

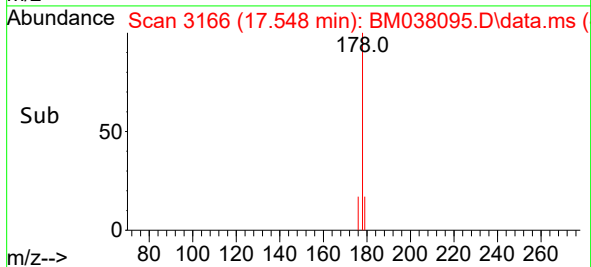
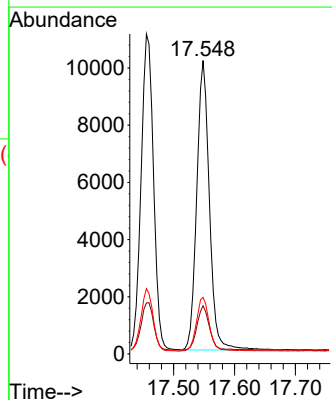
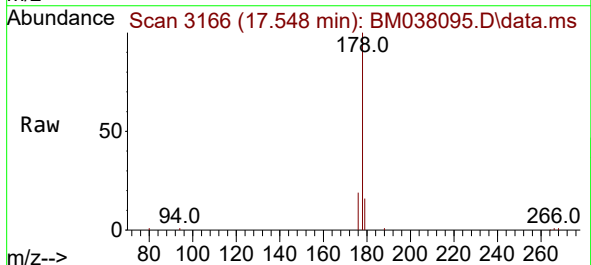
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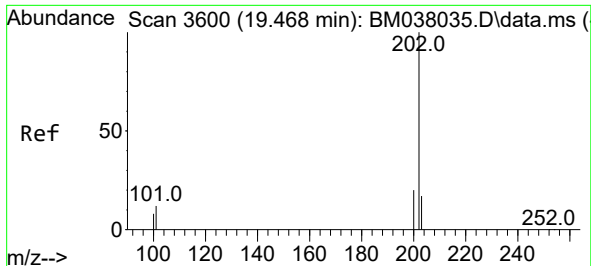
Tgt Ion:178 Resp: 15680
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 20.4 15.8 23.6



#16
Anthracene
Concen: 0.357 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:178 Resp: 14597
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 19.3 15.0 22.4

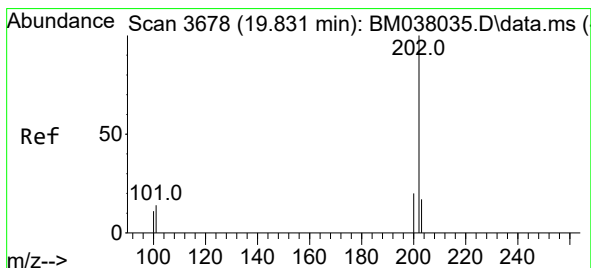
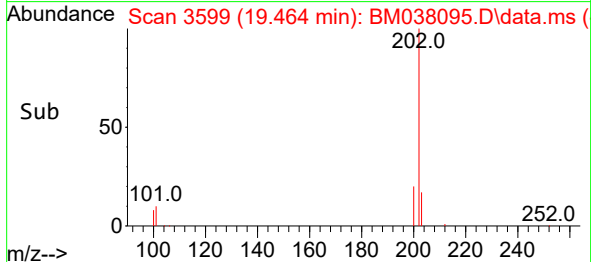
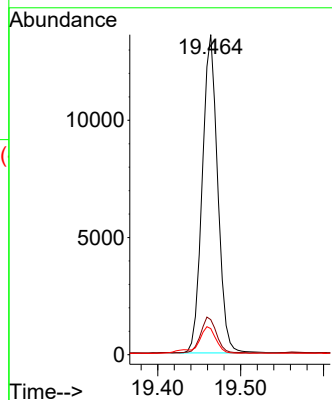
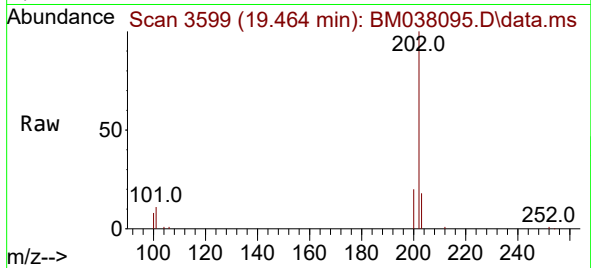




#19
Fluoranthene
Concen: 0.371 ng/ul
RT: 19.464 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

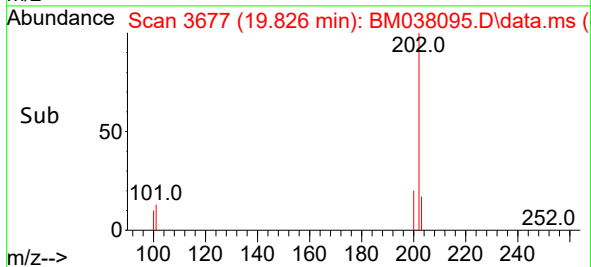
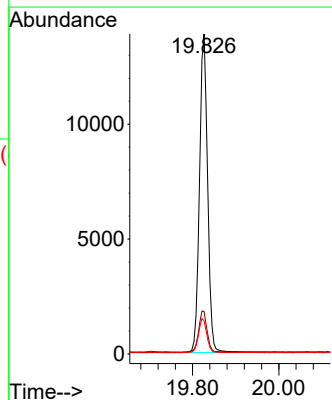
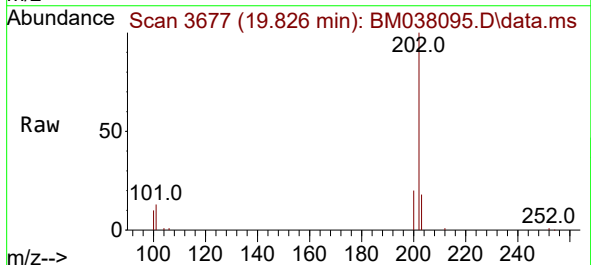
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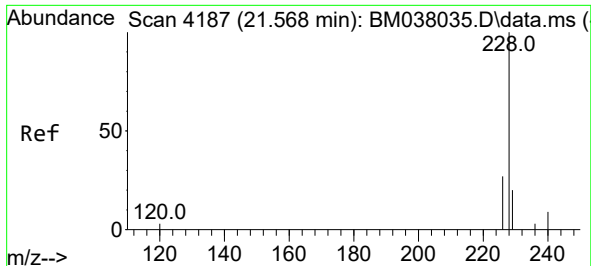
Tgt Ion:202 Resp: 17569
Ion Ratio Lower Upper
202 100
101 10.9 10.6 15.8
100 8.2 7.9 11.9



#20
Pyrene
Concen: 0.375 ng/ul
RT: 19.826 min Scan# 3677
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:202 Resp: 18139
Ion Ratio Lower Upper
202 100
101 13.3 12.1 18.1
100 10.3 9.8 14.6

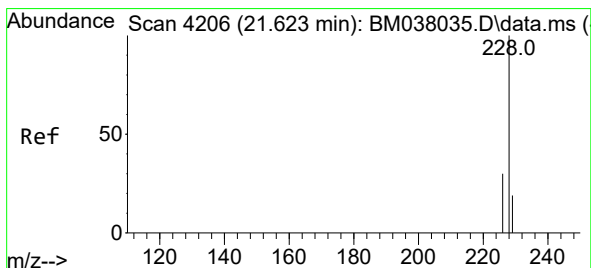
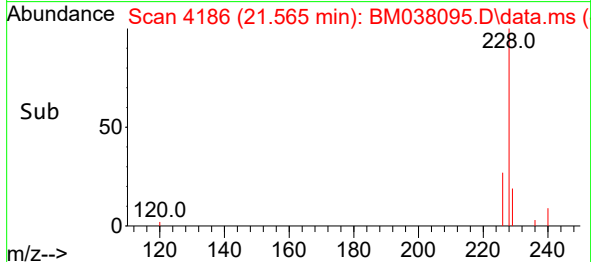
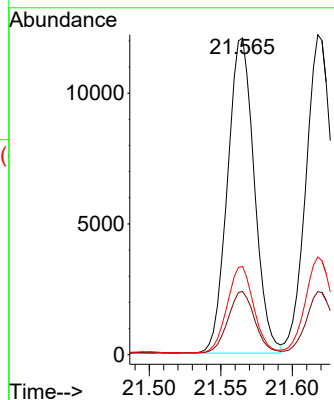
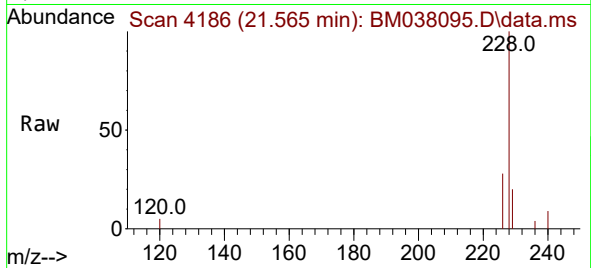




#21
Benzo(a)anthracene
Concen: 0.395 ng/ul
RT: 21.565 min Scan# 4187
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

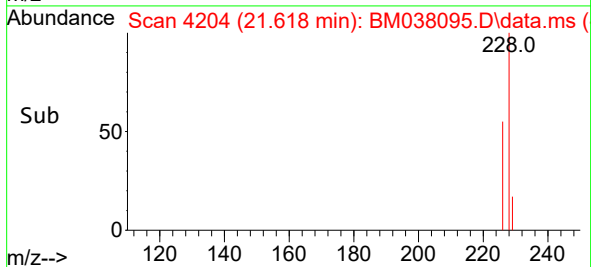
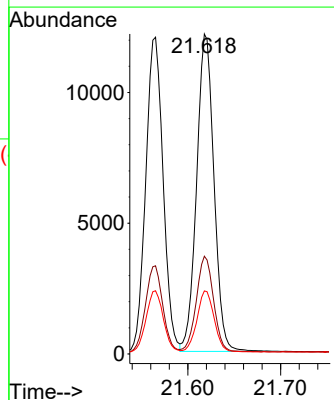
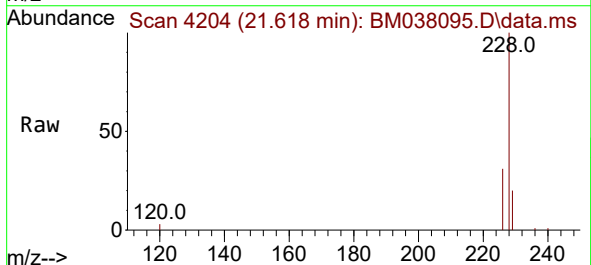
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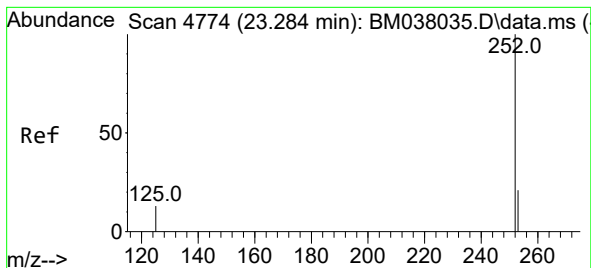
Tgt Ion:228 Resp: 15672
Ion Ratio Lower Upper
228 100
229 19.9 15.9 23.9
226 27.8 22.1 33.1



#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. 0.000 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:228 Resp: 15800
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 19.7 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.365 ng/ul

RT: 23.281 min Scan# 4774

Delta R.T. 0.000 min

Lab File: BM038095.D

Acq: 17 Dec 2022 09:01

Instrument :

BNA_M

ClientSampleId :

SLCS715

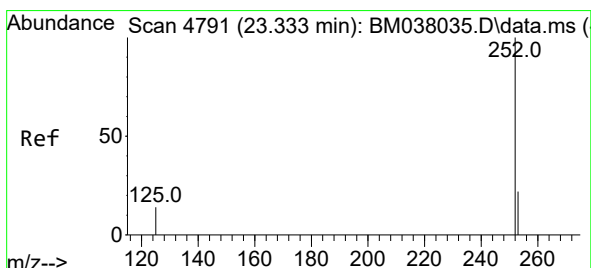
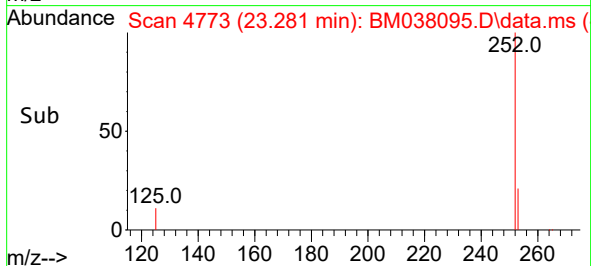
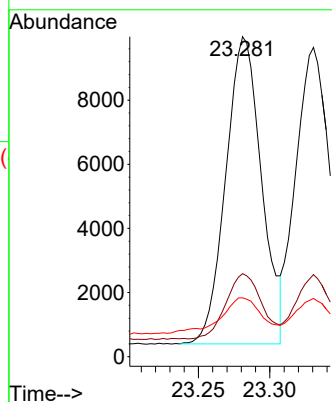
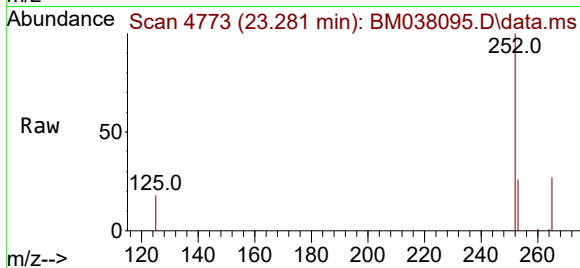
Tgt Ion:252 Resp: 16697

Ion Ratio Lower Upper

252 100

253 25.9 0.0 51.8

125 18.4 0.0 42.2



#25

Benzo(k)fluoranthene

Concen: 0.352 ng/ul

RT: 23.331 min Scan# 4790

Delta R.T. 0.000 min

Lab File: BM038095.D

Acq: 17 Dec 2022 09:01

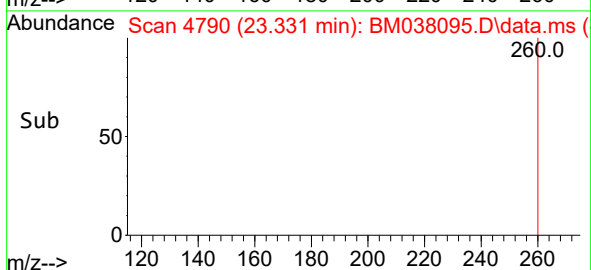
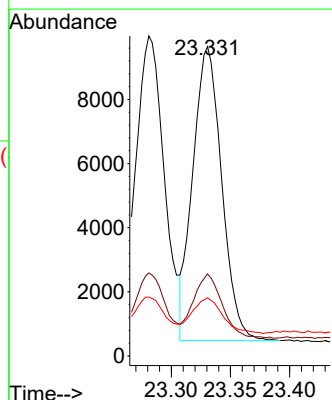
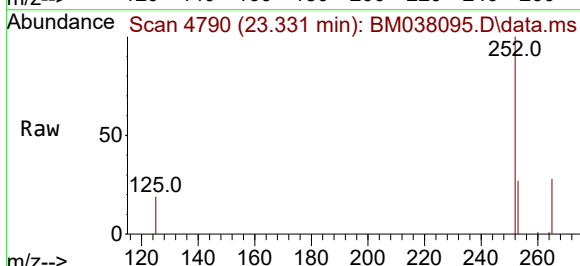
Tgt Ion:252 Resp: 15569

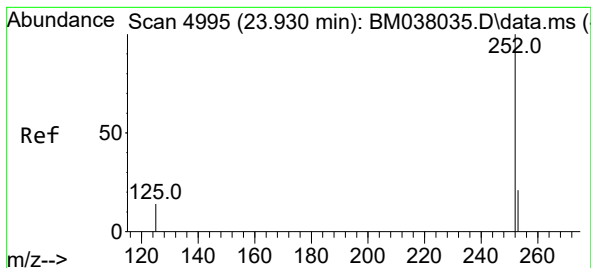
Ion Ratio Lower Upper

252 100

253 26.5 20.8 31.2

125 18.8 17.1 25.7





#26

Benzo(a)pyrene

Concen: 0.362 ng/ul

RT: 23.924 min Scan# 4993

Delta R.T. 0.000 min

Lab File: BM038095.D

Acq: 17 Dec 2022 09:01

Instrument :

BNA_M

ClientSampleId :

SLCS715

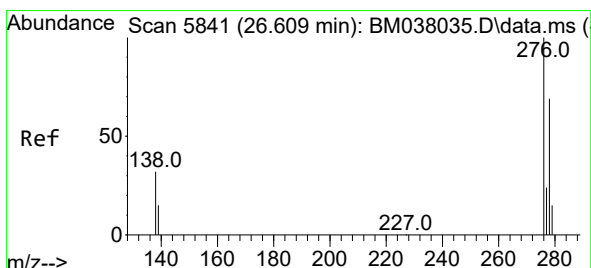
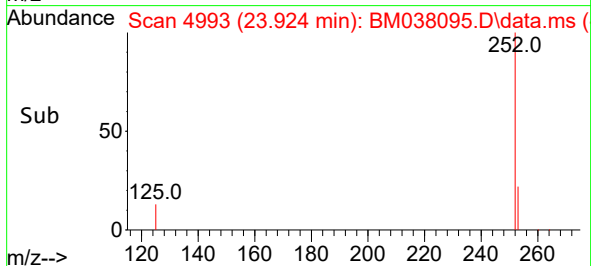
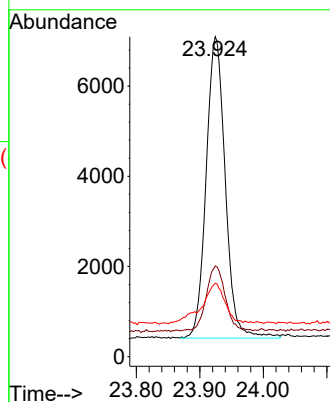
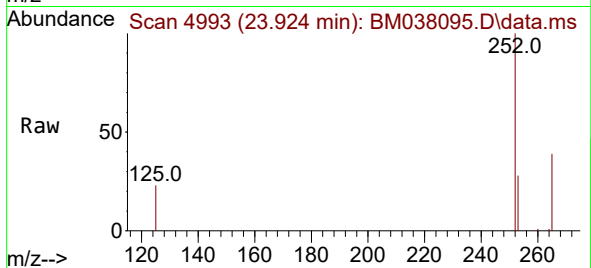
Tgt Ion:252 Resp: 13958

Ion Ratio Lower Upper

252 100

253 28.4 21.9 32.9

125 22.9 20.7 31.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.375 ng/ul

RT: 26.599 min Scan# 5838

Delta R.T. 0.000 min

Lab File: BM038095.D

Acq: 17 Dec 2022 09:01

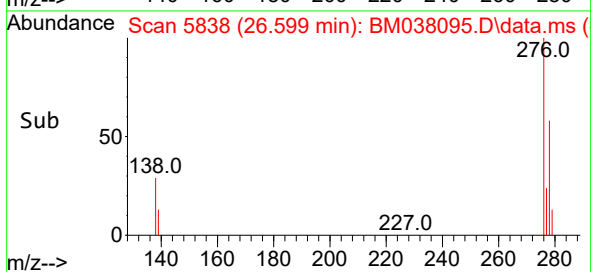
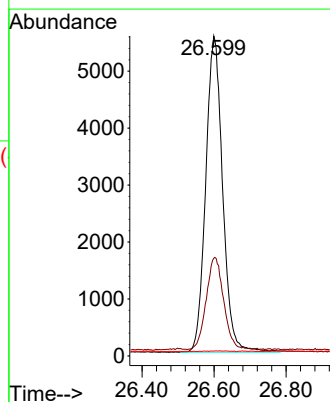
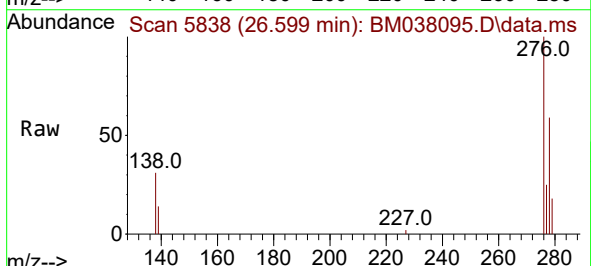
Tgt Ion:276 Resp: 18120

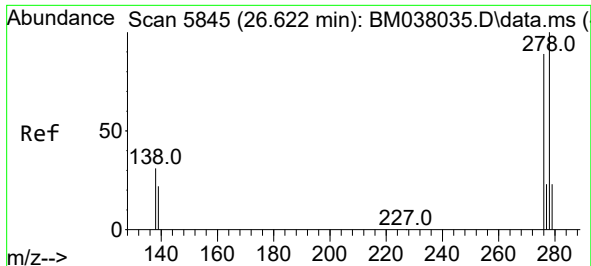
Ion Ratio Lower Upper

276 100

138 30.0 26.6 40.0

227 0.0 0.1 0.1#

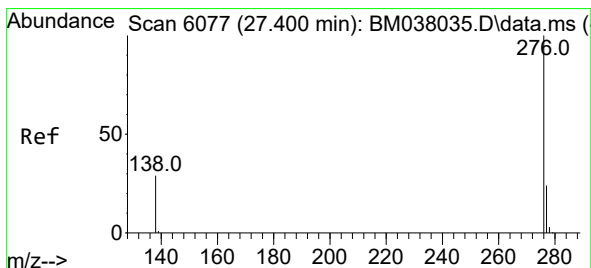
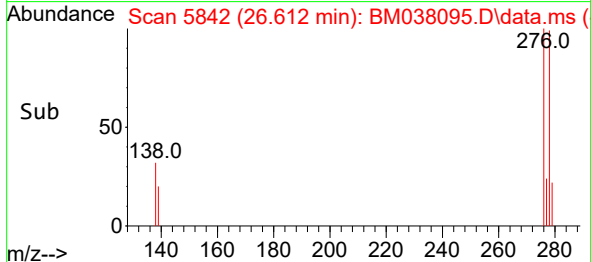
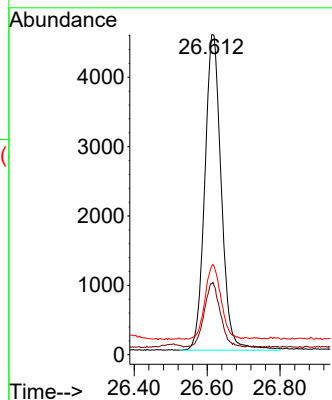
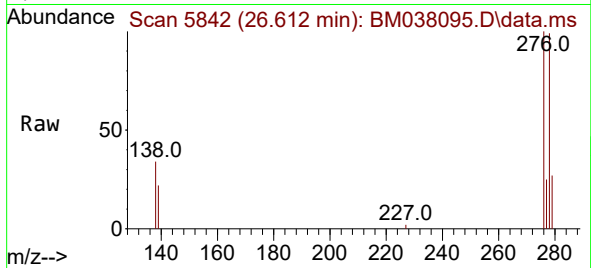




#28
Dibenzo(a,h)anthracene
Concen: 0.381 ng/ul
RT: 26.612 min Scan# 5842
Delta R.T. -0.003 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Instrument :
BNA_M
ClientSampleId :
SLCS715

Tgt Ion:278 Resp: 14343
Ion Ratio Lower Upper
278 100
139 22.2 19.0 28.6
279 27.7 22.4 33.6



#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 27.390 min Scan# 6074
Delta R.T. -0.003 min
Lab File: BM038095.D
Acq: 17 Dec 2022 09:01

Tgt Ion:276 Resp: 15487
Ion Ratio Lower Upper
276 100
138 28.2 24.1 36.1
277 25.2 19.0 28.6

