

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041078.D
 Acq On : 24 Jul 2023 16:58
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV042

Quant Time: Jul 25 00:14:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 00:13:11 2023
 Response via : Initial Calibration

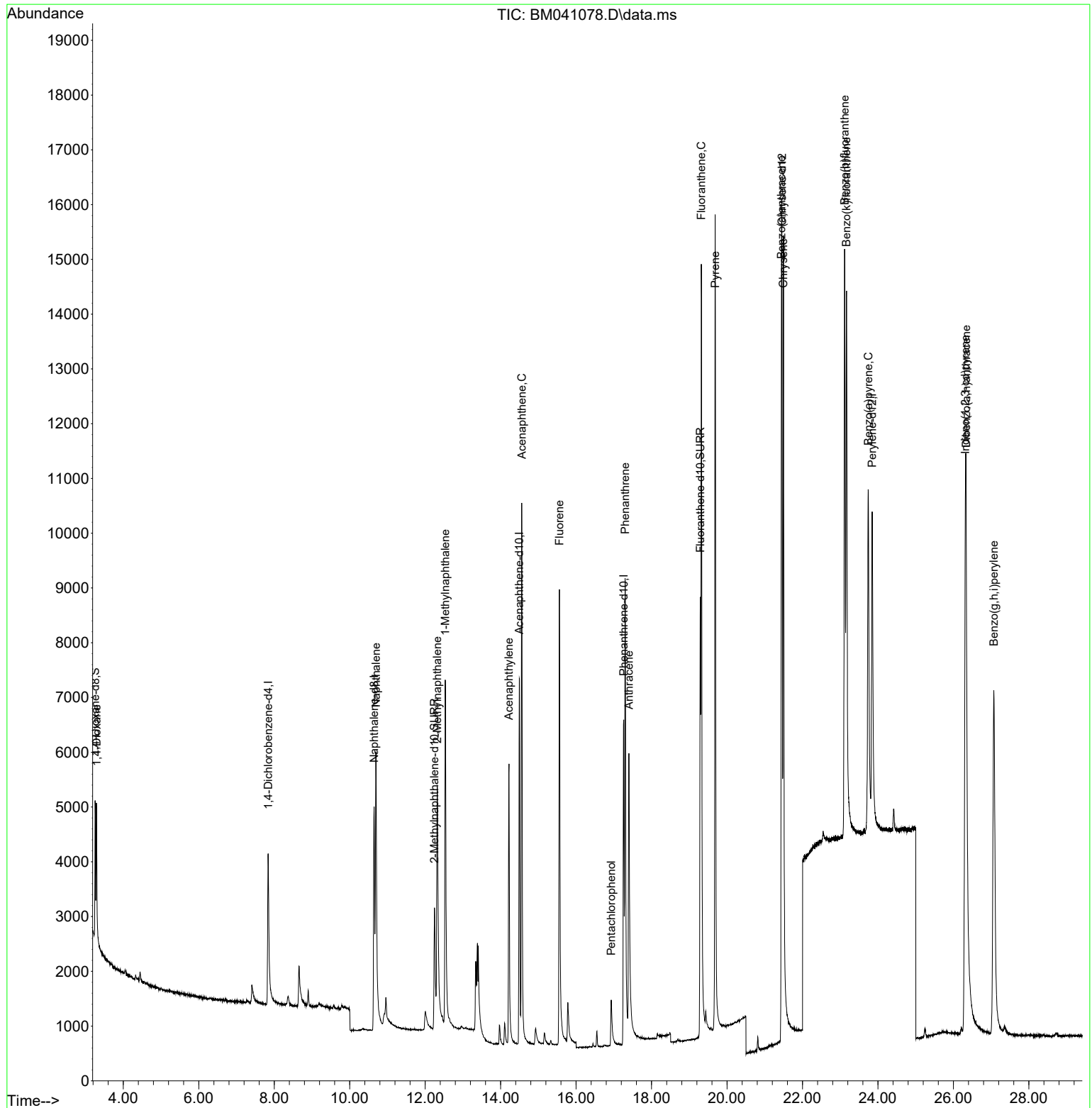
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	2383	0.400	ng/ul	0.00
4) Naphthalene-d8	10.647	136	8102	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.495	164	4197	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	8665	0.400	ng/ul	0.00
17) Chrysene-d12	21.457	240	9793	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	9654	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.254	96	1598	0.435	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.247	152	4892	0.423	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	11003	0.413	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.292	88	1585	0.422	ng/ul#	72
5) Naphthalene	10.697	128	9643	0.366	ng/ul	100
7) 2-Methylnaphthalene	12.324	142	5432	0.421	ng/ul	99
8) 1-Methylnaphthalene	12.533	142	5535	0.417	ng/ul	100
10) Acenaphthylene	14.222	152	7406	0.418	ng/ul	99
11) Acenaphthene	14.560	153	6388	0.427	ng/ul	99
12) Fluorene	15.559	166	7002	0.429	ng/ul	100
14) Pentachlorophenol	16.932	266	976	0.387	ng/ul	98
15) Phenanthrene	17.299	178	11030	0.413	ng/ul	99
16) Anthracene	17.401	178	8896	0.411	ng/ul	100
19) Fluoranthene	19.320	202	13834	0.394	ng/ul	99
20) Pyrene	19.687	202	15139	0.391	ng/ul	100
21) Benzo(a)anthracene	21.442	228	12795	0.391	ng/ul	99
22) Chrysene	21.495	228	15075	0.399	ng/ul	100
24) Benzo(b)fluoranthene	23.117	252	15677	0.408	ng/ul	98
25) Benzo(k)fluoranthene	23.167	252	15385	0.419	ng/ul	99
26) Benzo(a)pyrene	23.743	252	13150	0.422	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.317	276	19402	0.421	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.337	278	15274	0.422	ng/ul	100
29) Benzo(g,h,i)perylene	27.072	276	17332	0.420	ng/ul	100

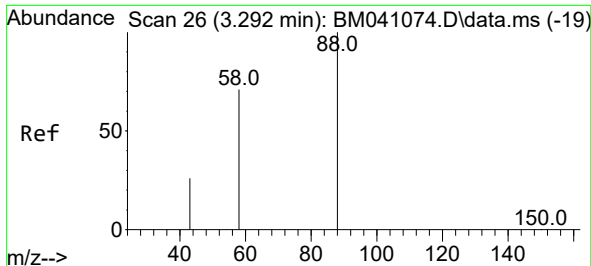
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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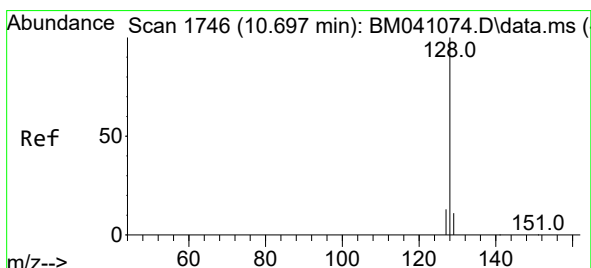
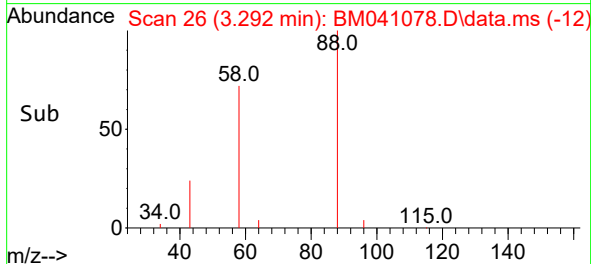
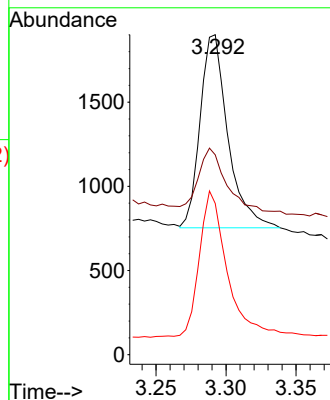
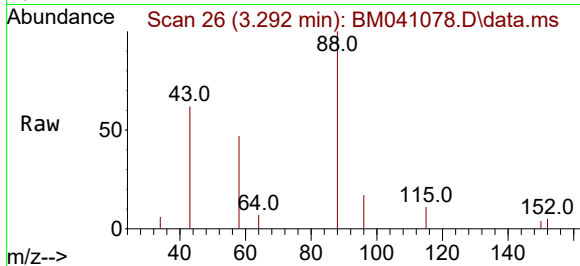




#2
1,4-Dioxane
Concen: 0.422 ng/ul
RT: 3.292 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

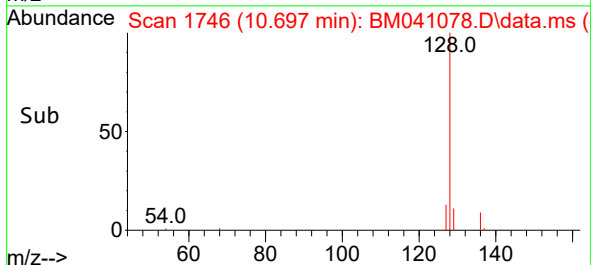
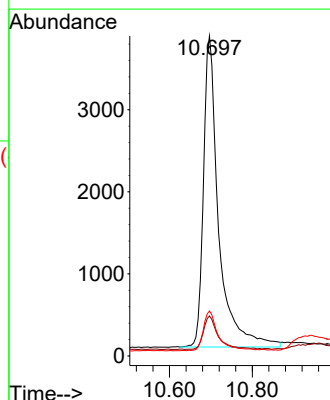
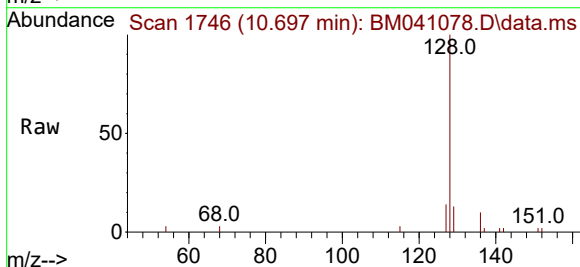
Instrument :
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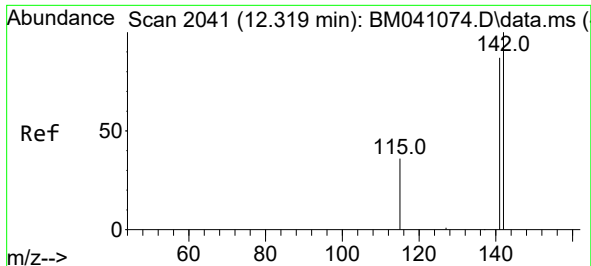
Tgt Ion: 88 Resp: 1585
Ion Ratio Lower Upper
88 100
43 62.4 83.1 124.7#
58 47.2 38.8 58.2



#5
Naphthalene
Concen: 0.366 ng/ul
RT: 10.697 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

Tgt Ion: 128 Resp: 9643
Ion Ratio Lower Upper
128 100
129 12.5 9.8 14.8
127 14.0 11.1 16.7

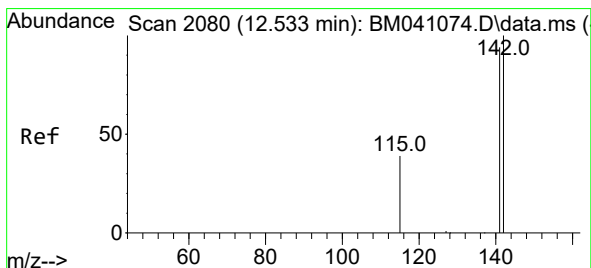
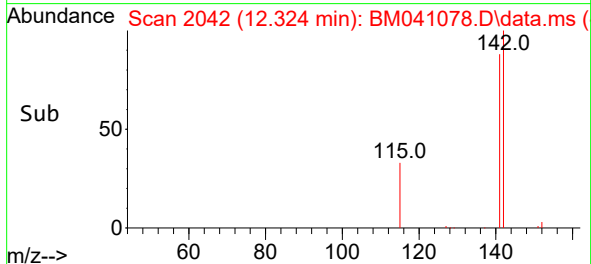
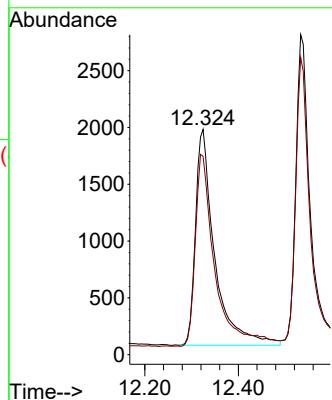
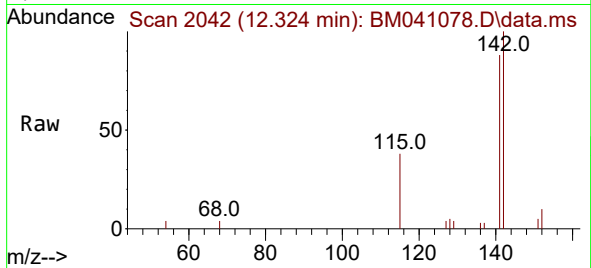




#7
2-Methylnaphthalene
Concen: 0.421 ng/ul
RT: 12.324 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

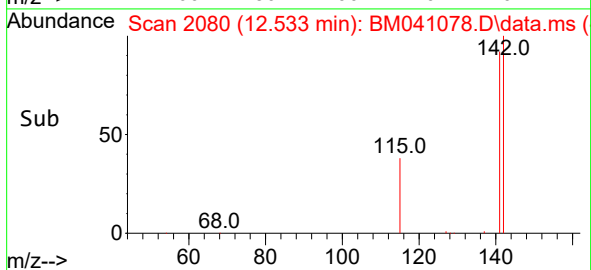
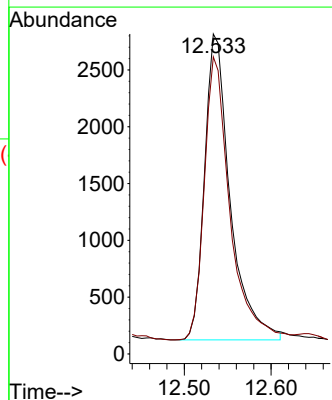
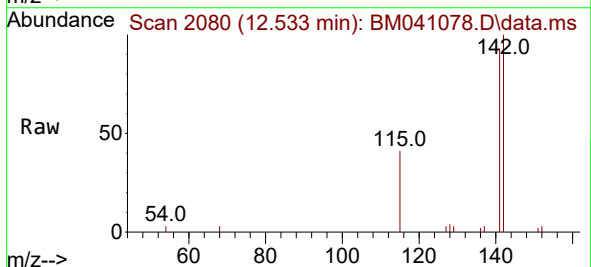
Instrument :
BNA_M
ClientSampleId :
SICV042

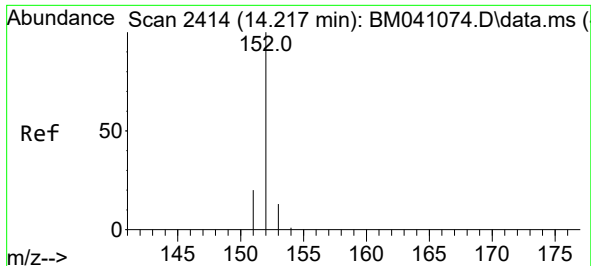
Tgt Ion:142 Resp: 5432
Ion Ratio Lower Upper
142 100
141 91.1 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.533 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

Tgt Ion:142 Resp: 5535
Ion Ratio Lower Upper
142 100
141 92.1 73.6 110.4

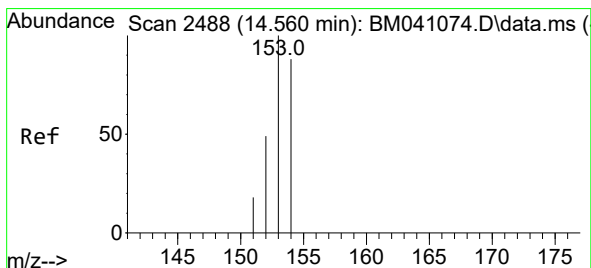
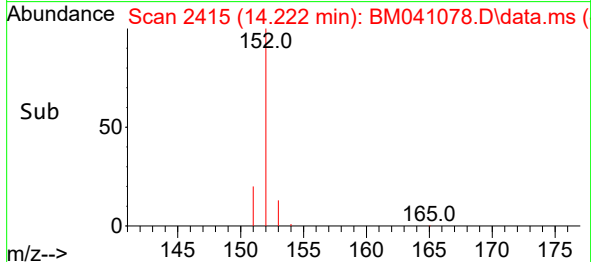
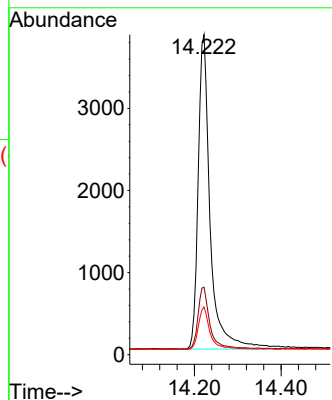
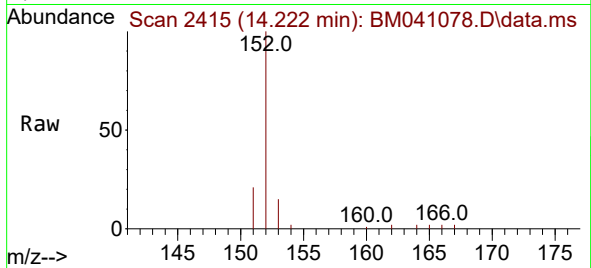




#10
Acenaphthylene
Concen: 0.418 ng/ul
RT: 14.222 min Scan# 2415
Delta R.T. 0.005 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

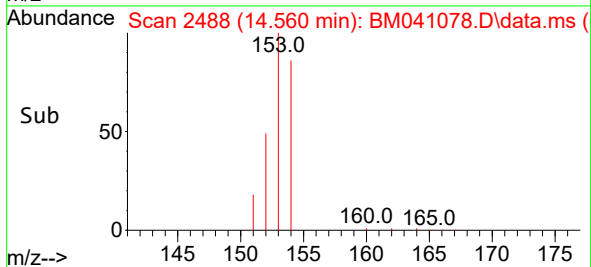
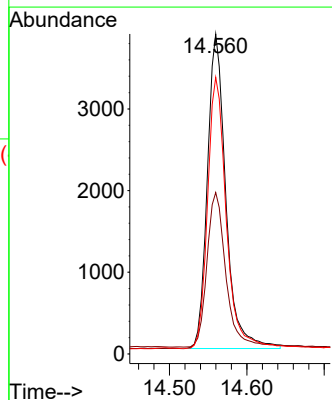
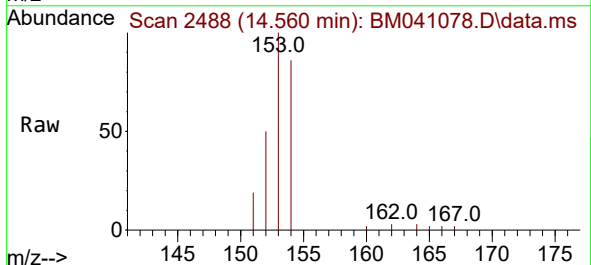
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ClientSampleId :
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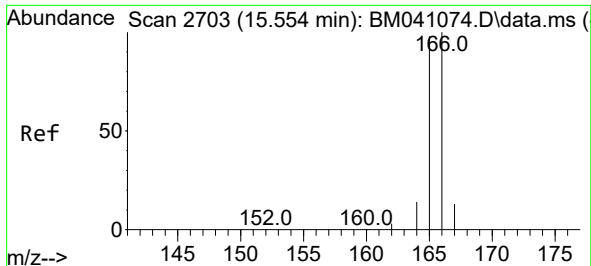
Tgt Ion:152 Resp: 7406
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2
153 14.9 11.4 17.2



#11
Acenaphthene
Concen: 0.427 ng/ul
RT: 14.560 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

Tgt Ion:153 Resp: 6388
Ion Ratio Lower Upper
153 100
152 50.5 40.2 60.4
154 86.5 70.3 105.5

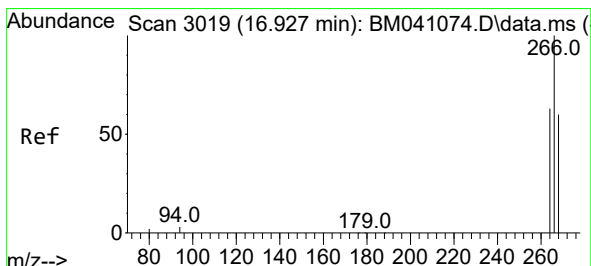
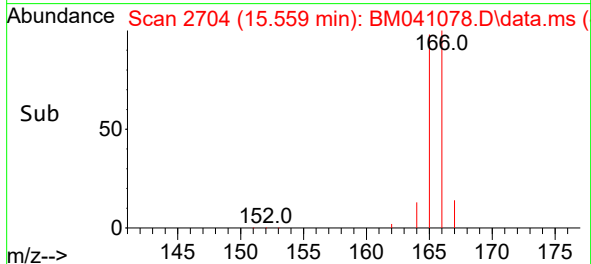
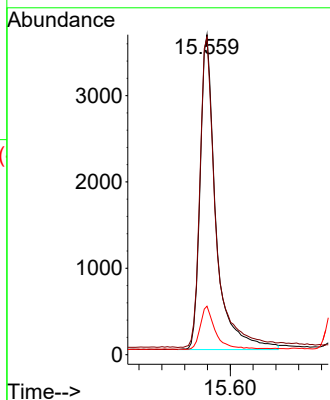
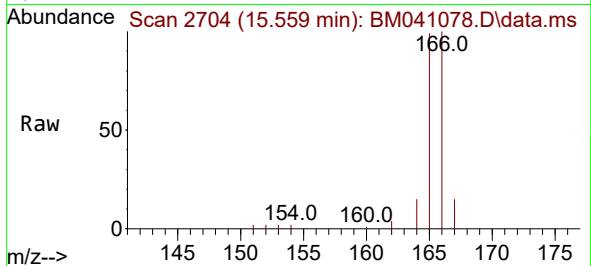




#12
Fluorene
Concen: 0.429 ng/ul
RT: 15.559 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

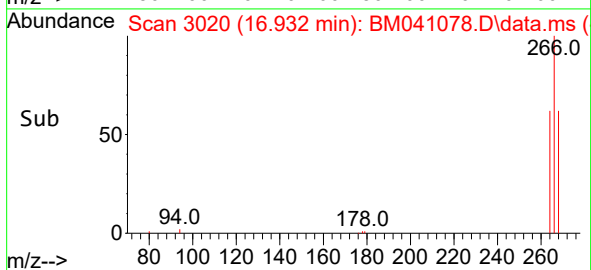
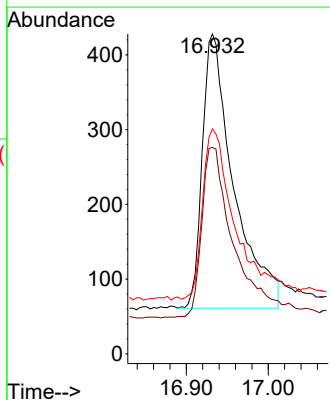
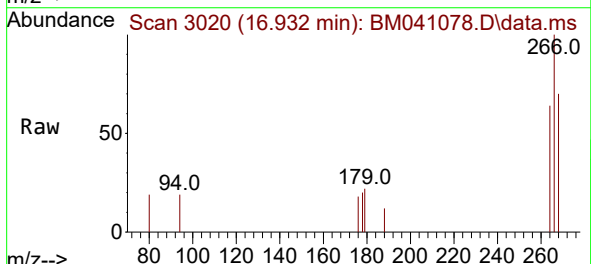
Instrument :
BNA_M
ClientSampleId :
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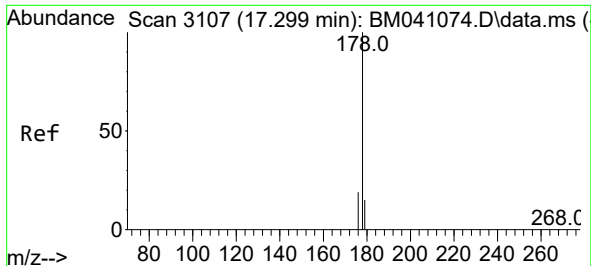
Tgt Ion:166 Resp: 7002
Ion Ratio Lower Upper
166 100
165 99.2 79.4 119.0
167 15.1 11.4 17.2



#14
Pentachlorophenol
Concen: 0.387 ng/ul
RT: 16.932 min Scan# 3020
Delta R.T. 0.004 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

Tgt Ion:266 Resp: 976
Ion Ratio Lower Upper
266 100
264 63.5 49.2 73.8
268 64.0 49.9 74.9

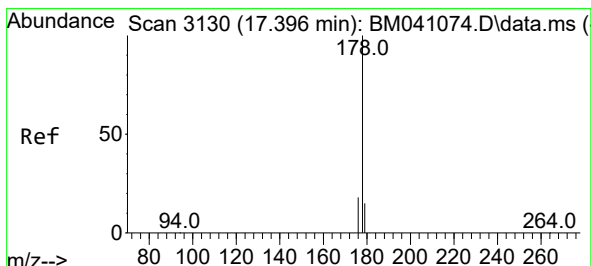
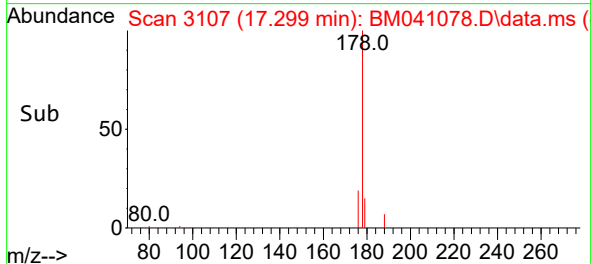
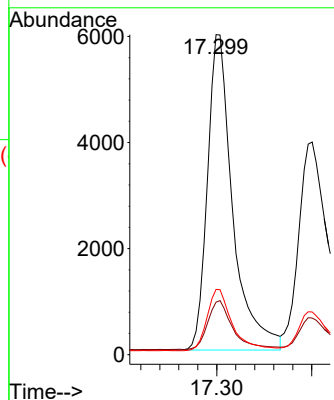
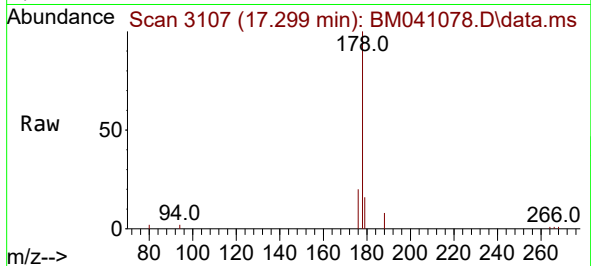




#15
Phenanthrene
Concen: 0.413 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

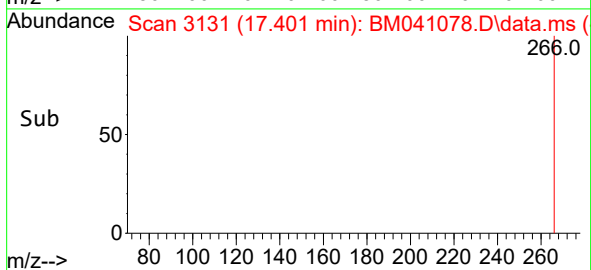
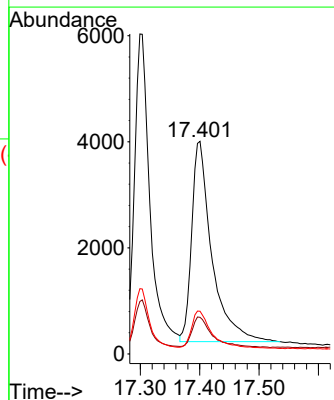
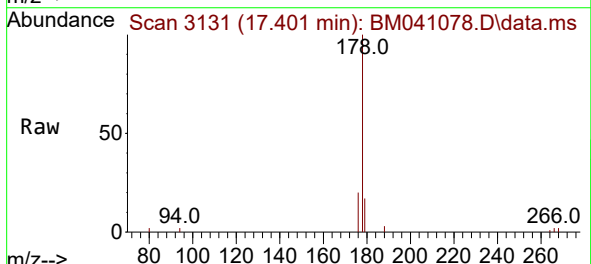
Instrument :
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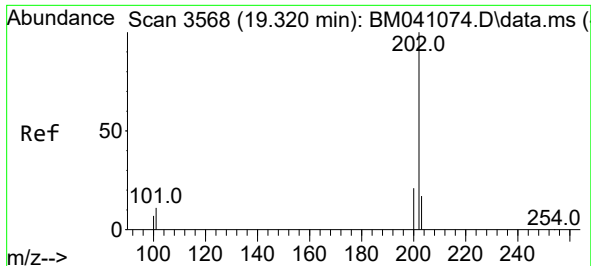
Tgt Ion:178	Resp:	11030
Ion Ratio	Lower	Upper
178	100	
179	16.4	13.4 20.2
176	20.4	16.0 24.0



#16
Anthracene
Concen: 0.411 ng/ul
RT: 17.401 min Scan# 3131
Delta R.T. 0.004 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

Tgt Ion:178	Resp:	8896
Ion Ratio	Lower	Upper
178	100	
179	17.3	13.6 20.4
176	20.1	16.0 24.0

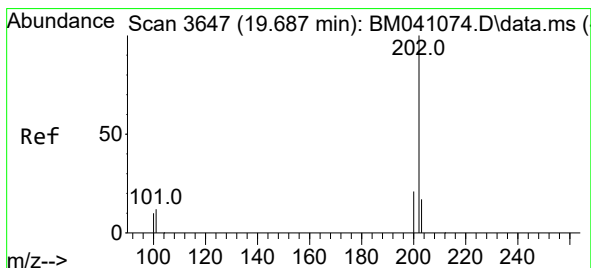
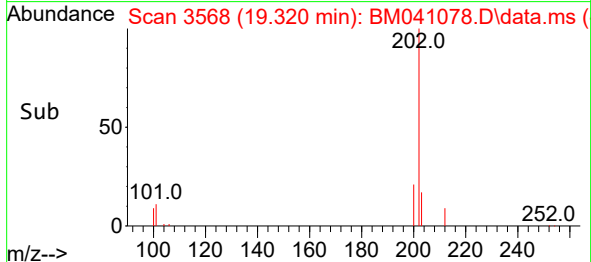
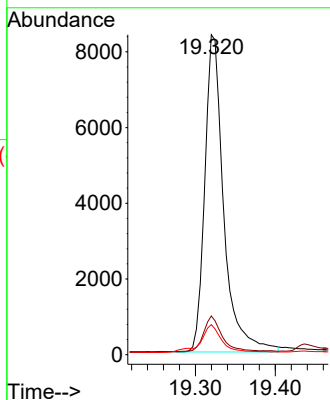
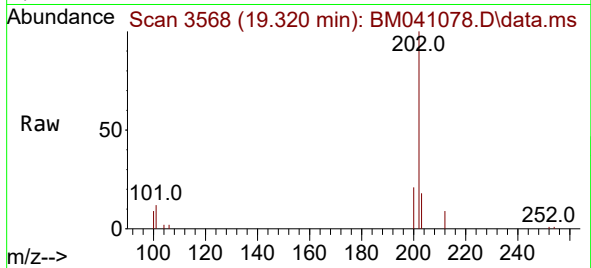




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. 0.000 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

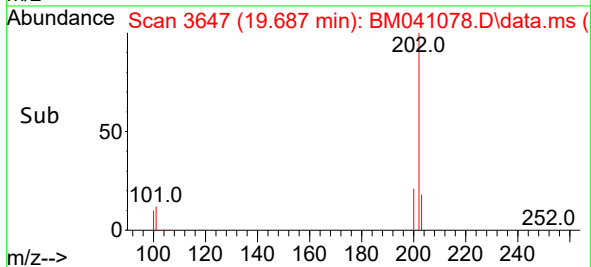
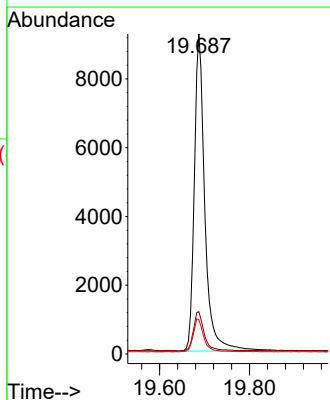
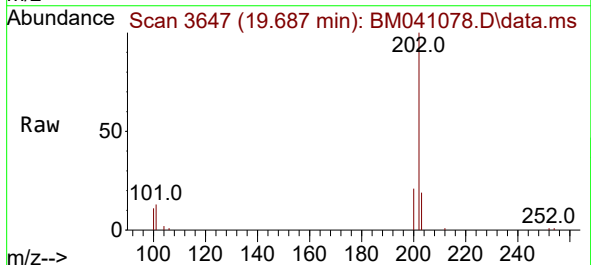
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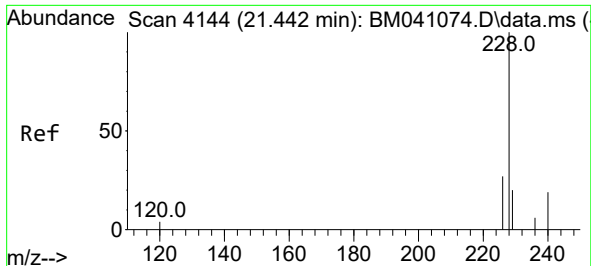
Tgt Ion:202 Resp: 13834
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.0
100 9.4 7.1 10.7



#20
Pyrene
Concen: 0.391 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

Tgt Ion:202 Resp: 15139
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.7 8.5 12.7

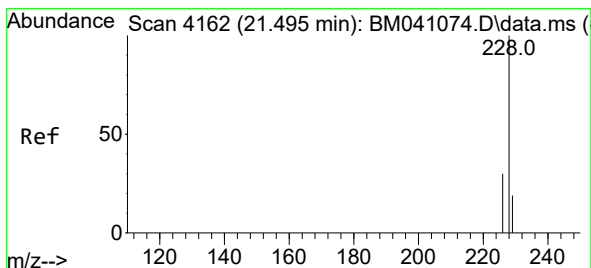
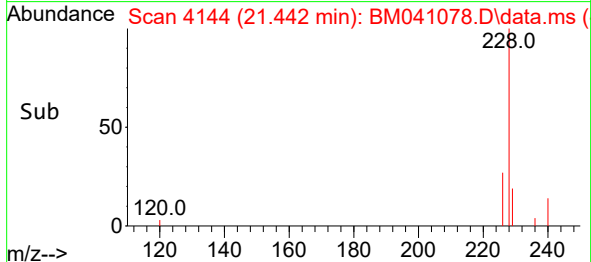
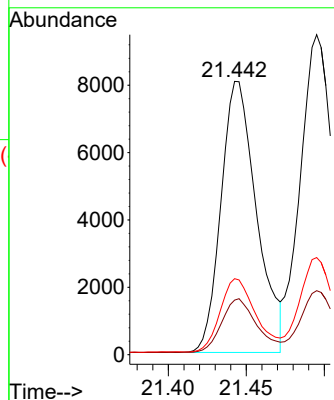
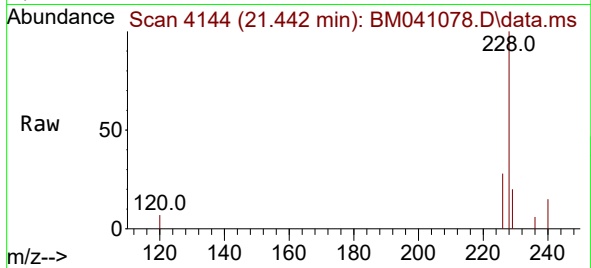




#21
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.442 min Scan# 4144
Delta R.T. 0.000 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

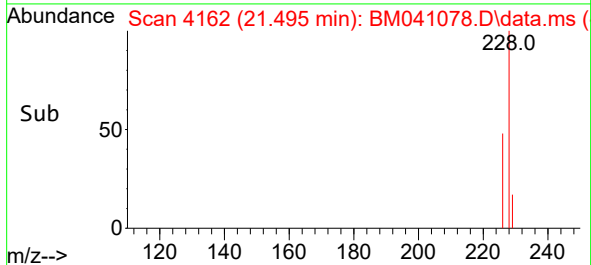
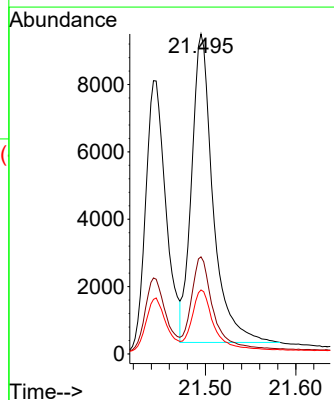
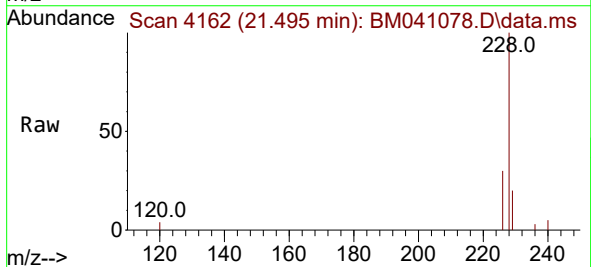
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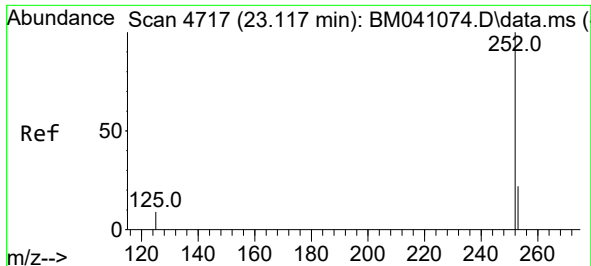
Tgt Ion:228 Resp: 12795
Ion Ratio Lower Upper
228 100
229 20.0 16.5 24.7
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.399 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. 0.000 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

Tgt Ion:228 Resp: 15075
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.4
229 20.0 15.9 23.9

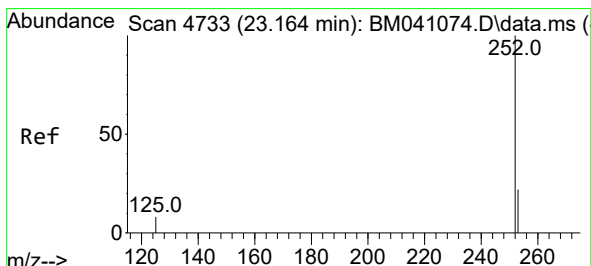
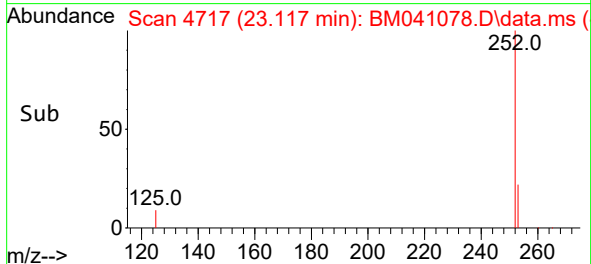
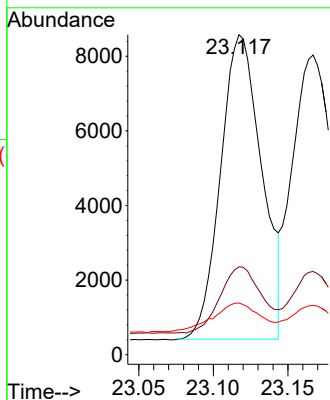
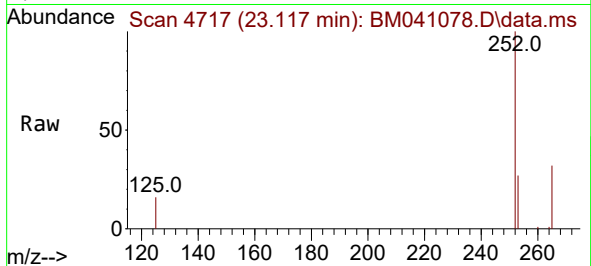




#24
Benzo(b)fluoranthene
Concen: 0.408 ng/ul
RT: 23.117 min Scan# 4717
Delta R.T. 0.000 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

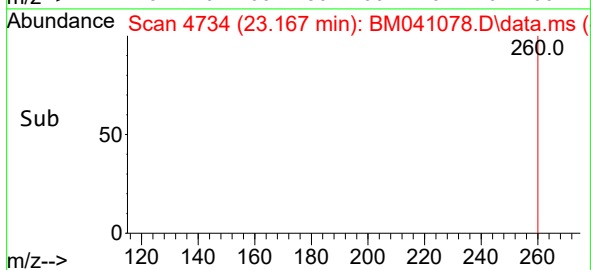
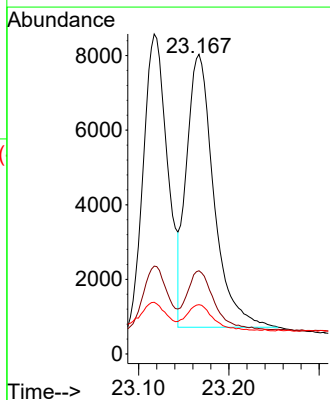
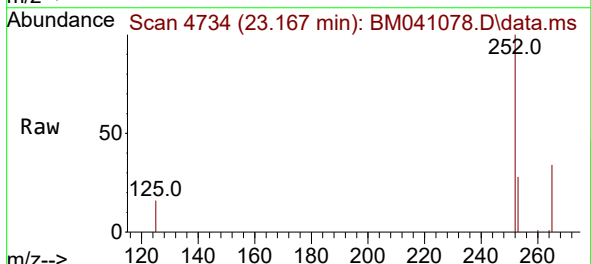
Instrument :
BNA_M
ClientSampleId :
SICV042

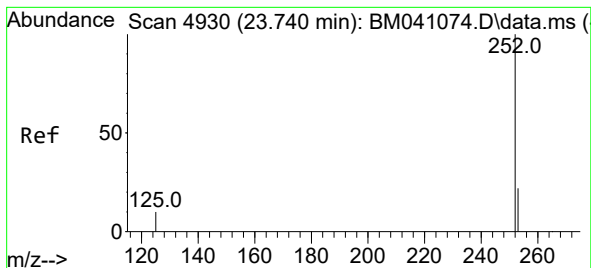
Tgt Ion:252 Resp: 15677
Ion Ratio Lower Upper
252 100
253 27.5 0.0 57.6
125 16.1 0.0 33.6



#25
Benzo(k)fluoranthene
Concen: 0.419 ng/ul
RT: 23.167 min Scan# 4734
Delta R.T. 0.003 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

Tgt Ion:252 Resp: 15385
Ion Ratio Lower Upper
252 100
253 27.8 22.8 34.2
125 16.4 13.5 20.3





#26

Benzo(a)pyrene

Concen: 0.422 ng/ul

RT: 23.743 min Scan# 4930

Delta R.T. 0.003 min

Lab File: BM041078.D

Acq: 24 Jul 2023 16:58

Instrument :

BNA_M

ClientSampleId :

SICV042

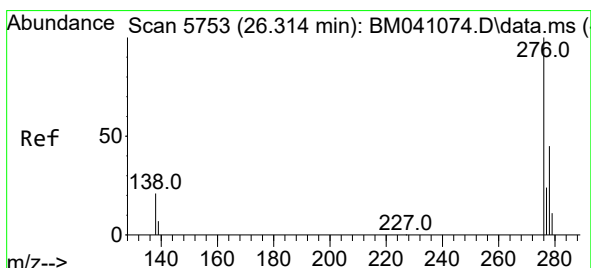
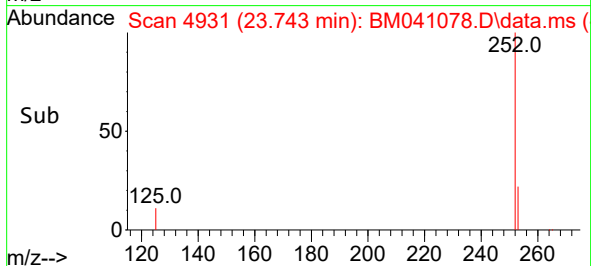
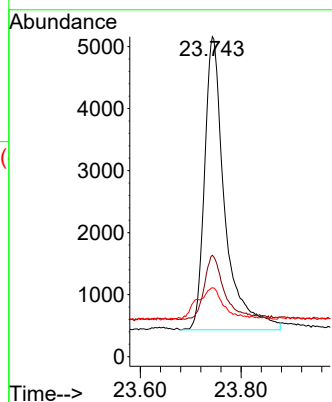
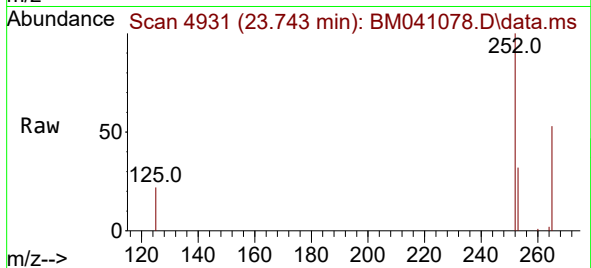
Tgt Ion:252 Resp: 13150

Ion Ratio Lower Upper

252 100

253 31.7 26.7 40.1

125 21.6 18.1 27.1



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.421 ng/ul

RT: 26.317 min Scan# 5754

Delta R.T. 0.004 min

Lab File: BM041078.D

Acq: 24 Jul 2023 16:58

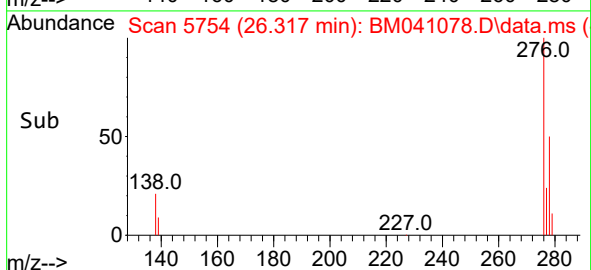
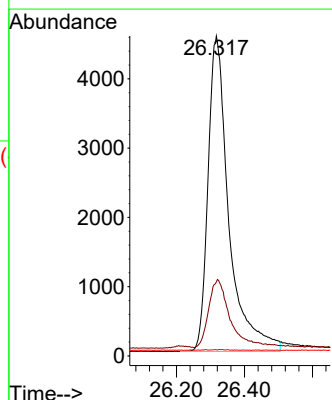
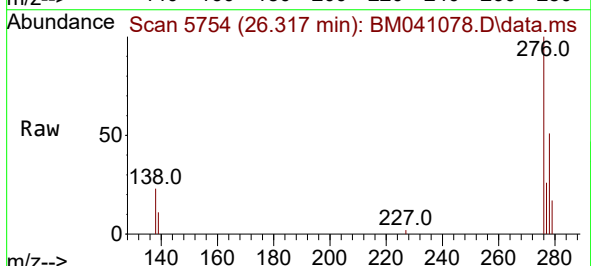
Tgt Ion:276 Resp: 19402

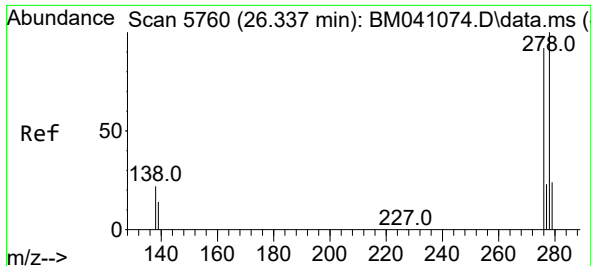
Ion Ratio Lower Upper

276 100

138 22.2 18.1 27.1

227 0.0 0.2 0.2#

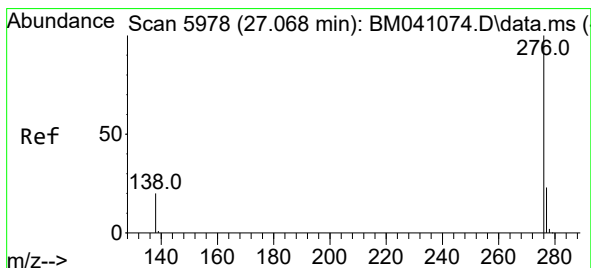
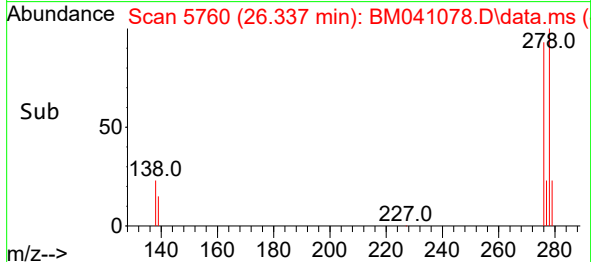
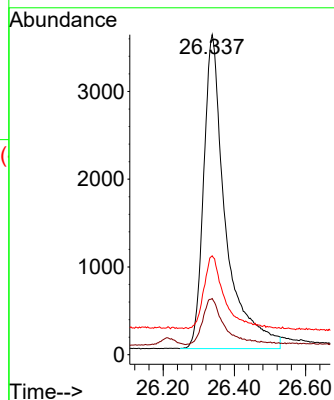
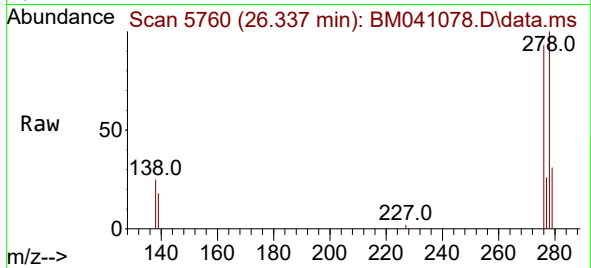




#28
Dibenzo(a,h)anthracene
Concen: 0.422 ng/ul
RT: 26.337 min Scan# 51
Delta R.T. 0.000 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

Instrument :
BNA_M
ClientSampleId :
SICV042

Tgt Ion:278 Resp: 15274
Ion Ratio Lower Upper
278 100
139 17.6 14.1 21.1
279 30.9 25.0 37.4



#29
Benzo(g,h,i)perylene
Concen: 0.420 ng/ul
RT: 27.072 min Scan# 5979
Delta R.T. 0.004 min
Lab File: BM041078.D
Acq: 24 Jul 2023 16:58

Tgt Ion:276 Resp: 17332
Ion Ratio Lower Upper
276 100
138 22.7 18.2 27.2
277 25.4 20.6 30.8

