

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
 Data File : BM038076.D
 Acq On : 16 Dec 2022 20:44
 Operator : CG/JU
 Sample : N5925-15
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYA2

Quant Time: Dec 16 23:22:02 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 : Thu Dec 15 21:53:17 2022
 Response via : Initial Calibration

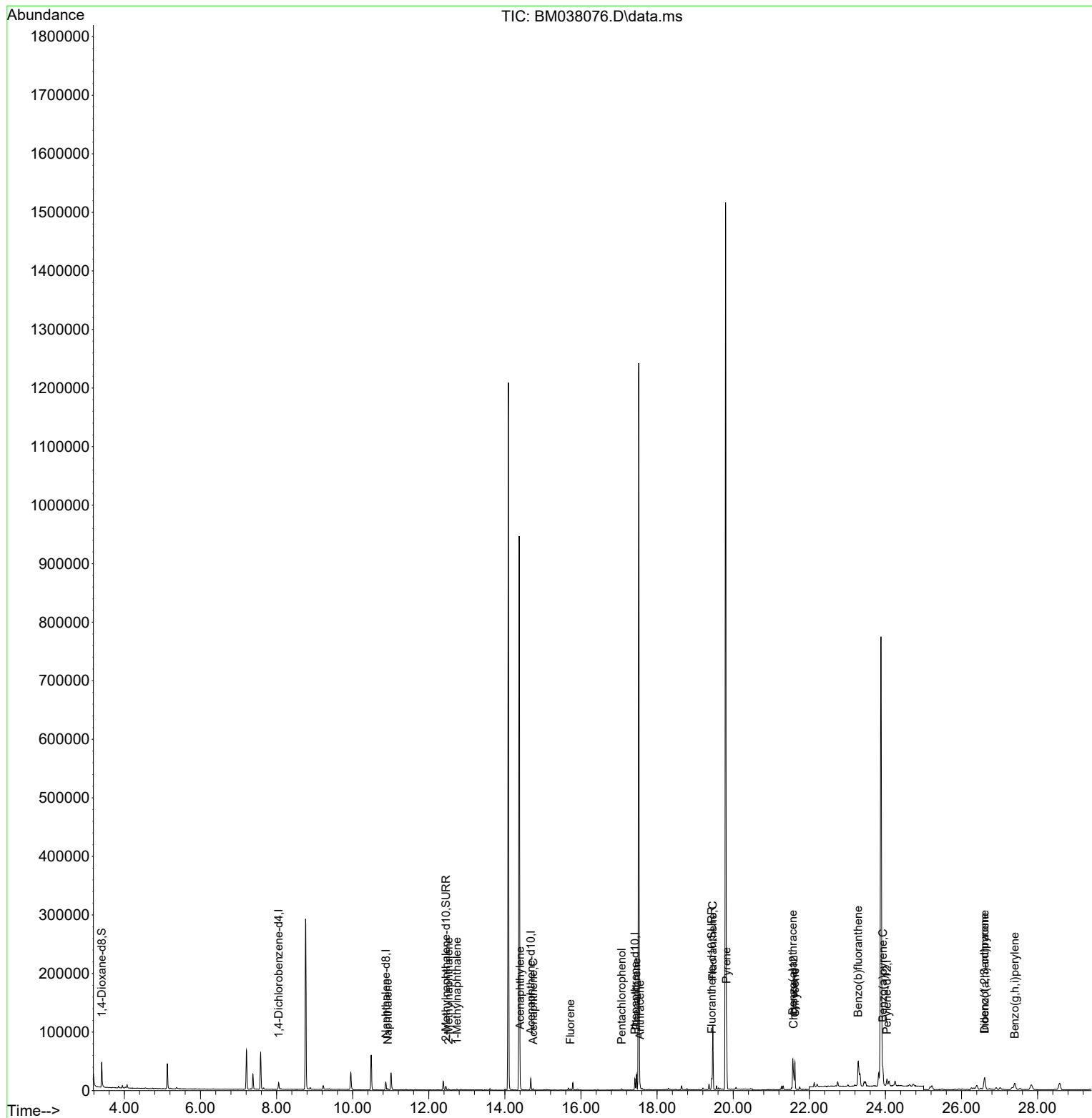
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	5649	0.400	ng/ul	0.00
4) Naphthalene-d8	10.873	136	18053	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.680	164	10328	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.417	188	21803	0.400	ng/ul	0.00
17) Chrysene-d12	21.586	240	17296	0.400	ng/ul	0.00
23) Perylene-d12	24.041	264	15905	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	29009	3.757	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.451	152	7945	0.301	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	18085	0.288	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.922	128	3065	0.056	ng/ul#	90
7) 2-Methylnaphthalene	12.522	142	1285	0.038	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	942	0.027	ng/ul	99
10) Acenaphthylene	14.402	152	4769	0.088	ng/ul#	92
11) Acenaphthene	14.745	153	1131	0.028	ng/ul#	83
12) Fluorene	15.726	166	1059	0.023	ng/ul#	93
14) Pentachlorophenol	17.067	266	1447	0.160	ng/ul	97
15) Phenanthrene	17.460	178	26968	0.367	ng/ul	99
16) Anthracene	17.552	178	5847	0.086	ng/ul#	92
19) Fluoranthene	19.464	202	87296	0.977	ng/ul	98
20) Pyrene	19.826	202	73398	0.805	ng/ul	98
21) Benzo(a)anthracene	21.565	228	43658	0.584	ng/ul	99
22) Chrysene	21.621	228	47253	0.627	ng/ul	97
24) Benzo(b)fluoranthene	23.284	252	75235	0.997	ng/ul	94
26) Benzo(a)pyrene	23.933	252	42553	0.670	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.606	276	33530	0.421	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.612	278	9141	0.147	ng/ul#	84
29) Benzo(g,h,i)perylene	27.400	276	25030	0.370	ng/ul	98

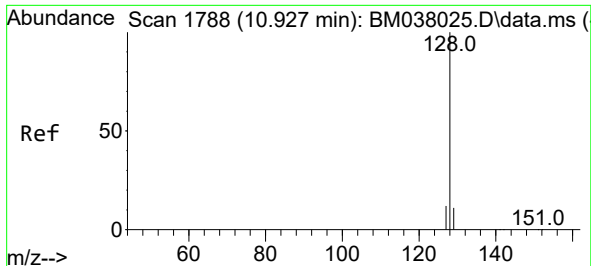
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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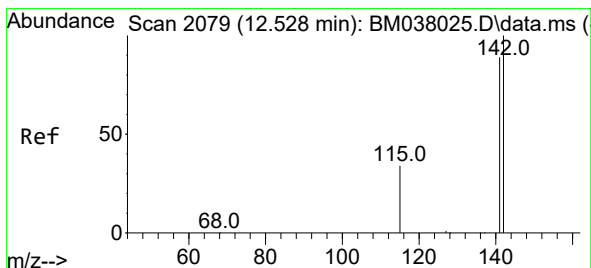
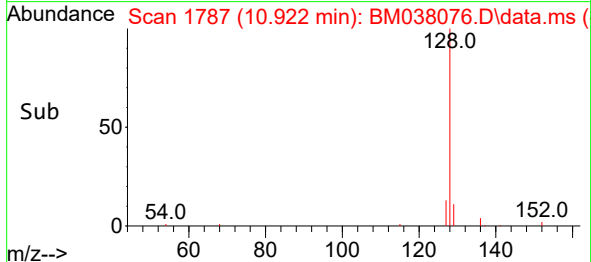
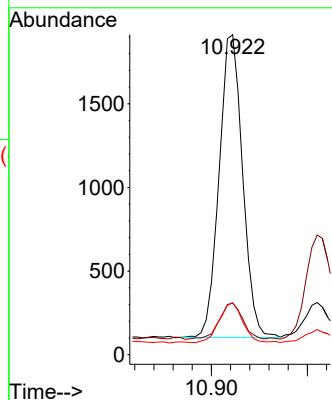
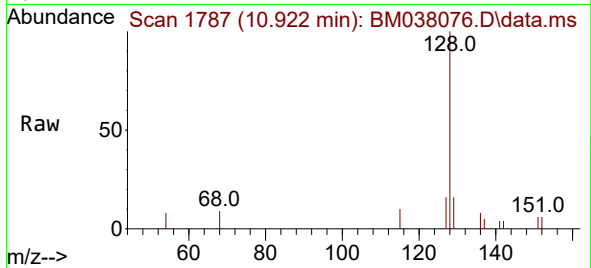




#5
Naphthalene
Concen: 0.056 ng/ul
RT: 10.922 min Scan# 1787
Delta R.T. -0.005 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

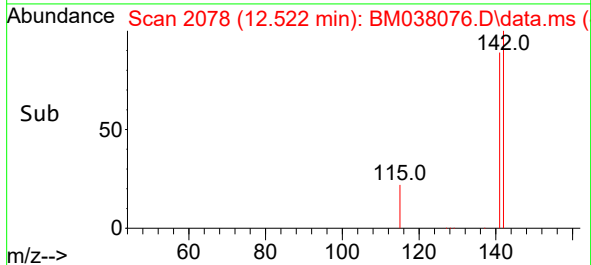
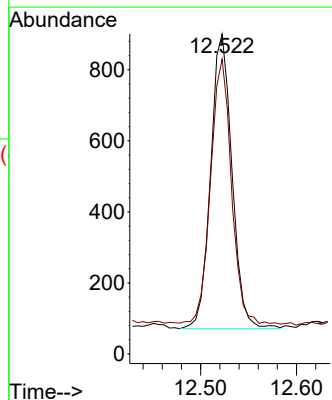
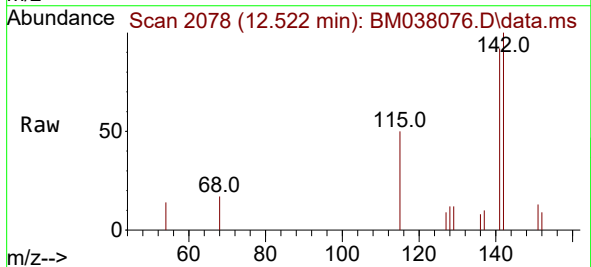
Instrument :
BNA_M
ClientSampleId :
DBYA2

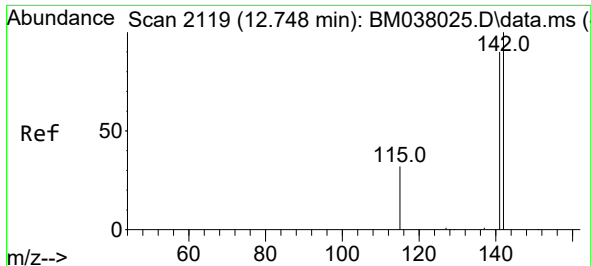
Tgt Ion:128 Resp: 3065
Ion Ratio Lower Upper
128 100
129 16.2 9.1 13.7#
127 16.3 10.4 15.6#



#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.522 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

Tgt Ion:142 Resp: 1285
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6

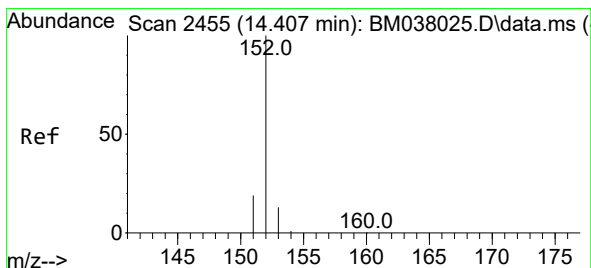
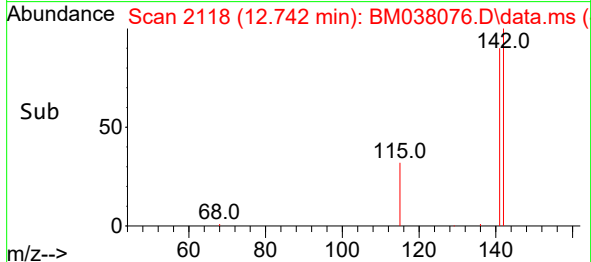
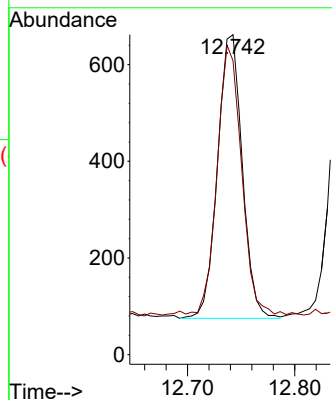
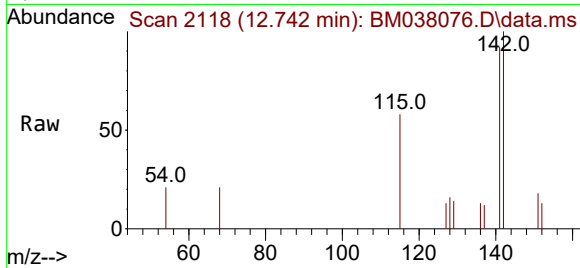




#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.742 min Scan# 2119
Delta R.T. -0.005 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

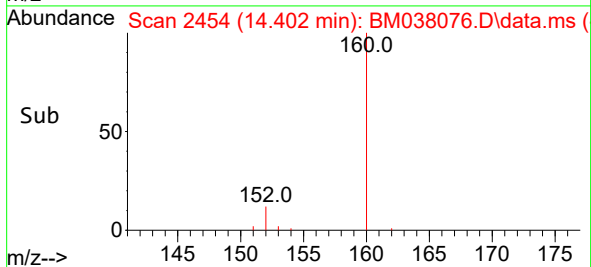
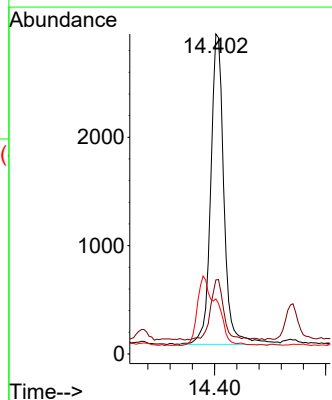
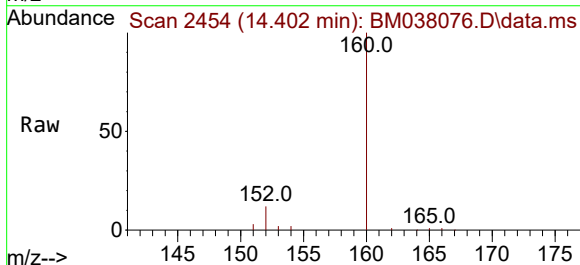
Instrument :
BNA_M
ClientSampleId :
DBYA2

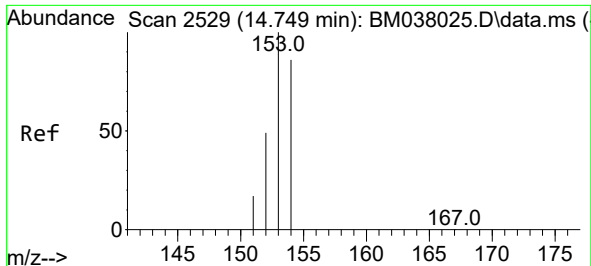
Tgt Ion:142 Resp: 942
Ion Ratio Lower Upper
142 100
141 93.4 73.6 110.4



#10
Acenaphthylene
Concen: 0.088 ng/ul
RT: 14.402 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

Tgt Ion:152 Resp: 4769
Ion Ratio Lower Upper
152 100
151 23.1 15.5 23.3
153 17.2 11.0 16.4#

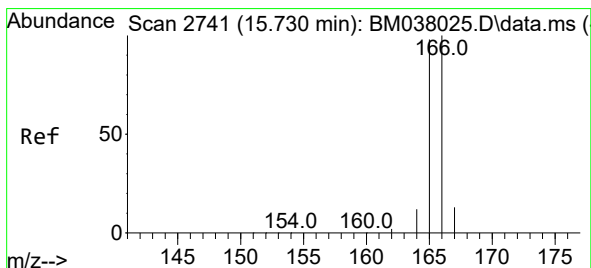
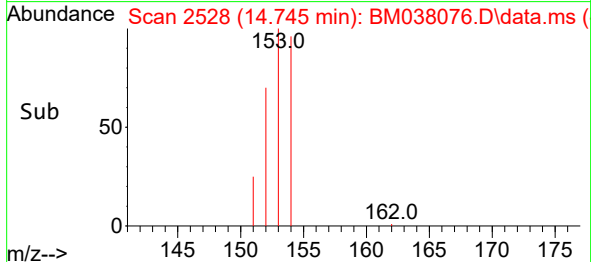
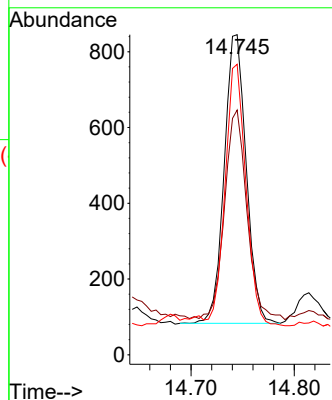
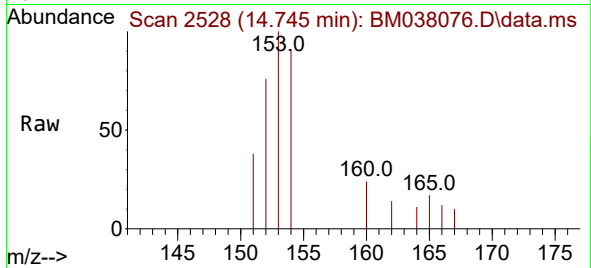




#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.745 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

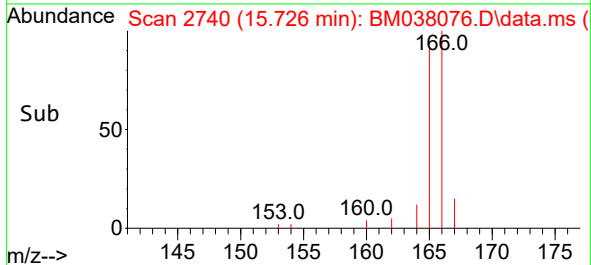
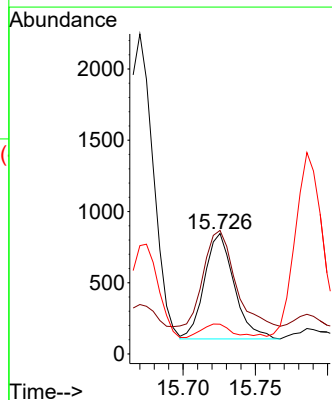
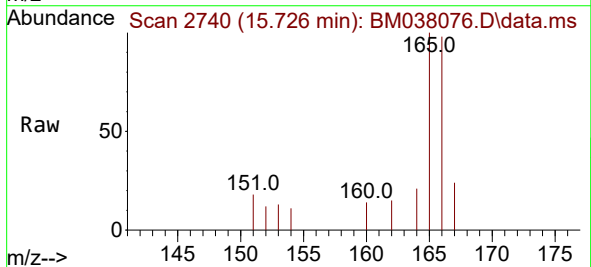
Instrument :
BNA_M
ClientSampleId :
DBYA2

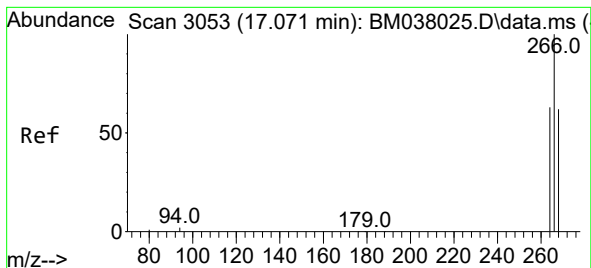
Tgt Ion:153 Resp: 1131
Ion Ratio Lower Upper
153 100
152 76.4 39.5 59.3#
154 90.8 69.2 103.8



#12
Fluorene
Concen: 0.023 ng/ul
RT: 15.726 min Scan# 2740
Delta R.T. -0.004 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

Tgt Ion:166 Resp: 1059
Ion Ratio Lower Upper
166 100
165 102.5 79.0 118.4
167 24.7 11.1 16.7#





#14

Pentachlorophenol

Concen: 0.160 ng/ul

RT: 17.067 min Scan# 3053

Delta R.T. -0.004 min

Lab File: BM038076.D

Acq: 16 Dec 2022 20:44

Instrument :

BNA_M

ClientSampleId :

DBYA2

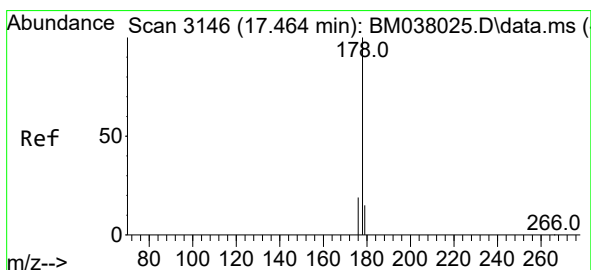
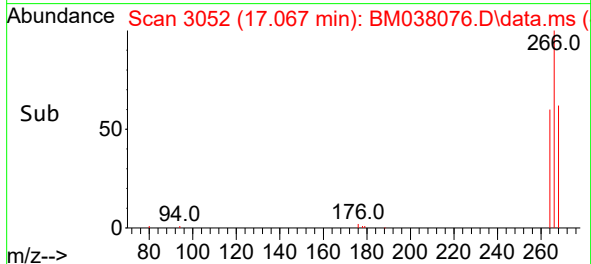
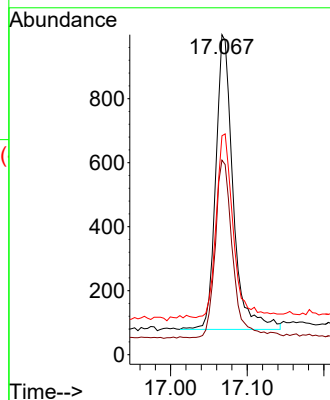
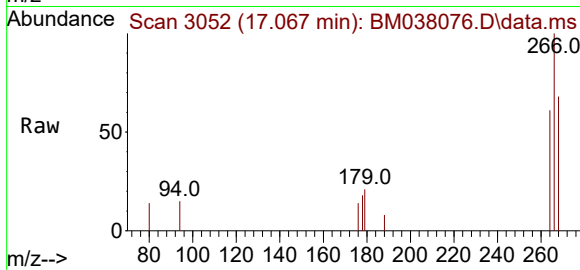
Tgt Ion:266 Resp: 1447

Ion Ratio Lower Upper

266 100

264 61.2 49.9 74.9

268 61.4 52.0 78.0



#15

Phenanthrene

Concen: 0.367 ng/ul

RT: 17.460 min Scan# 3145

Delta R.T. -0.004 min

Lab File: BM038076.D

Acq: 16 Dec 2022 20:44

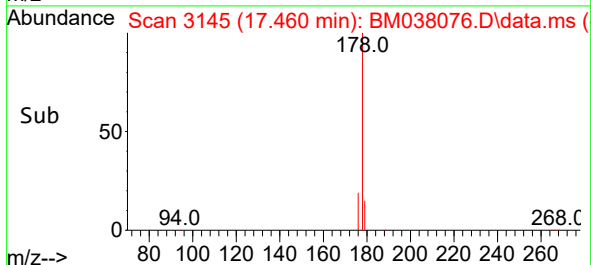
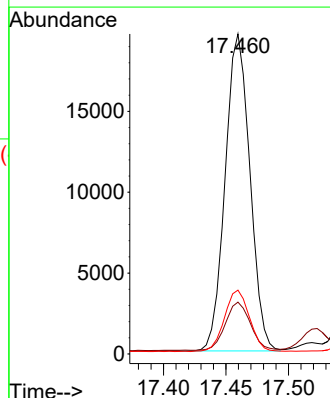
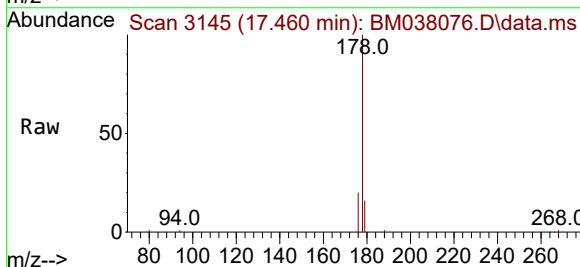
Tgt Ion:178 Resp: 26968

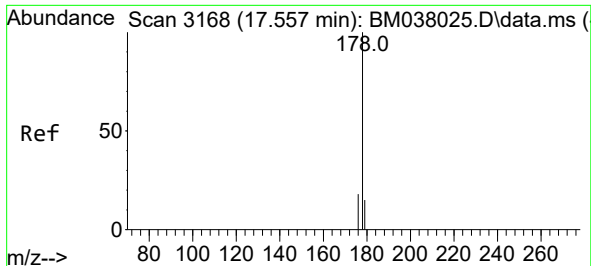
Ion Ratio Lower Upper

178 100

179 16.2 12.6 19.0

176 19.9 15.8 23.6

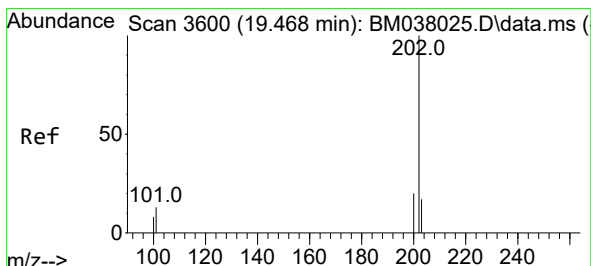
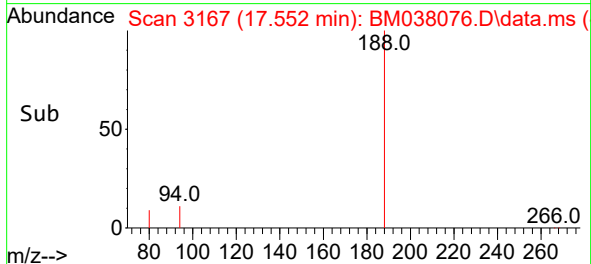
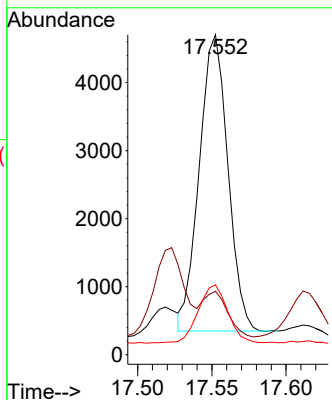
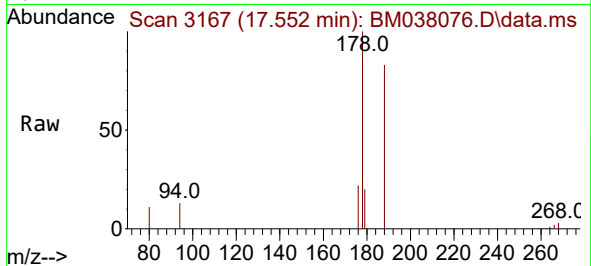




#16
 Anthracene
 Concen: 0.086 ng/ul
 RT: 17.552 min Scan# 3167
 Delta R.T. -0.004 min
 Lab File: BM038076.D
 Acq: 16 Dec 2022 20:44

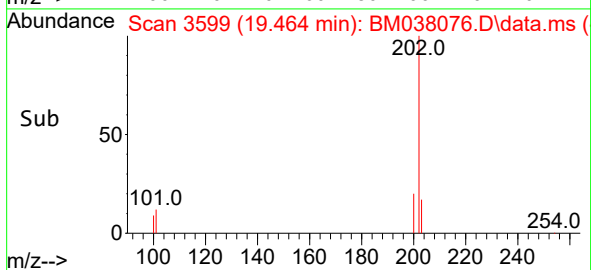
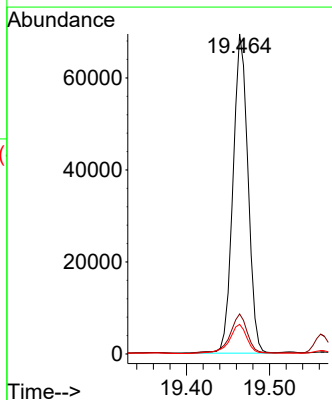
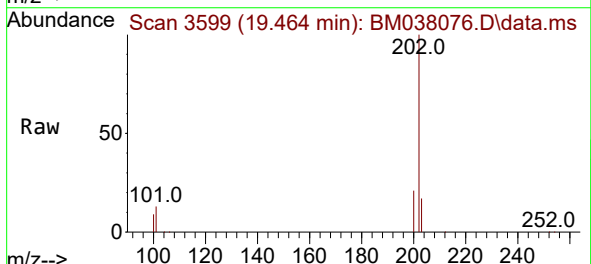
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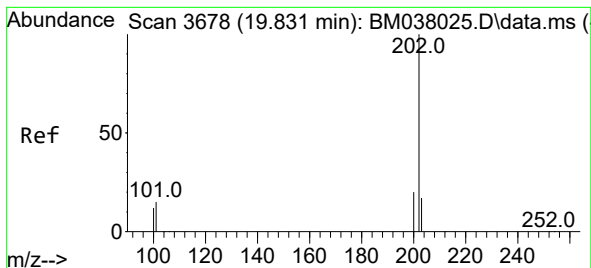
Tgt Ion:178 Resp: 5847
 Ion Ratio Lower Upper
 178 100
 179 19.8 13.0 19.4#
 176 21.8 15.0 22.4



#19
 Fluoranthene
 Concen: 0.977 ng/ul
 RT: 19.464 min Scan# 3599
 Delta R.T. -0.005 min
 Lab File: BM038076.D
 Acq: 16 Dec 2022 20:44

Tgt Ion:202 Resp: 87296
 Ion Ratio Lower Upper
 202 100
 101 12.5 10.6 15.8
 100 9.2 7.9 11.9





#20

Pyrene

Concen: 0.805 ng/ul

RT: 19.826 min Scan# 3

Delta R.T. -0.004 min

Lab File: BM038076.D

Acq: 16 Dec 2022 20:44

Instrument :

BNA_M

ClientSampleId :

DBYA2

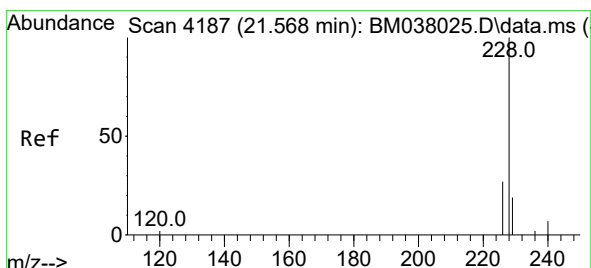
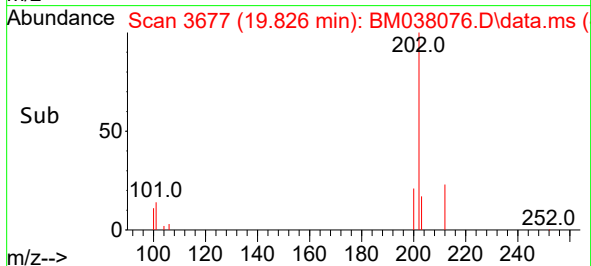
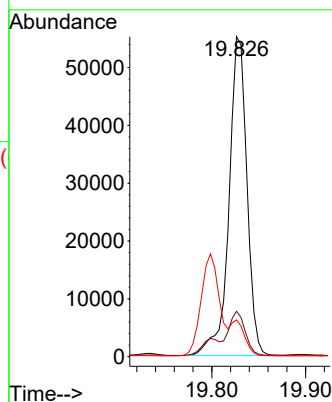
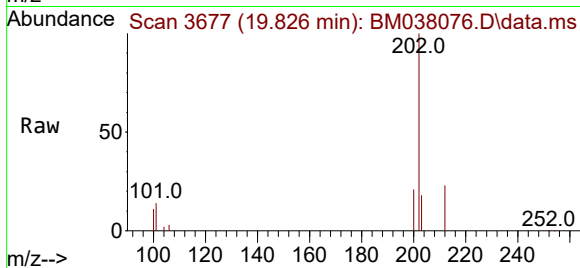
Tgt Ion:202 Resp: 73398

Ion Ratio Lower Upper

202 100

101 14.2 12.1 18.1

100 11.5 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.584 ng/ul

RT: 21.565 min Scan# 4186

Delta R.T. -0.003 min

Lab File: BM038076.D

Acq: 16 Dec 2022 20:44

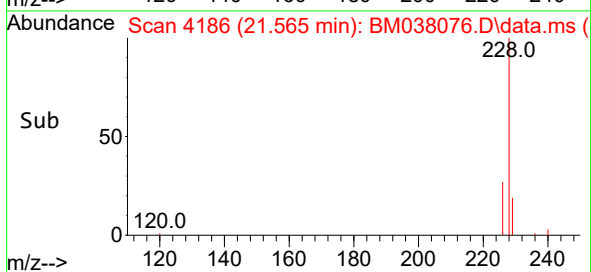
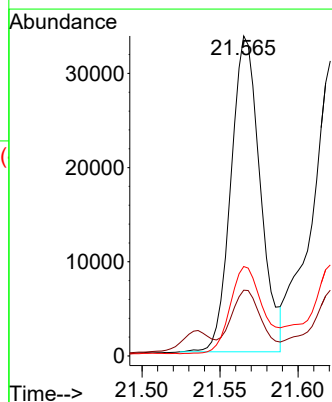
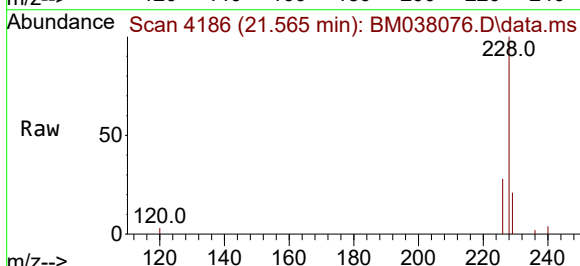
Tgt Ion:228 Resp: 43658

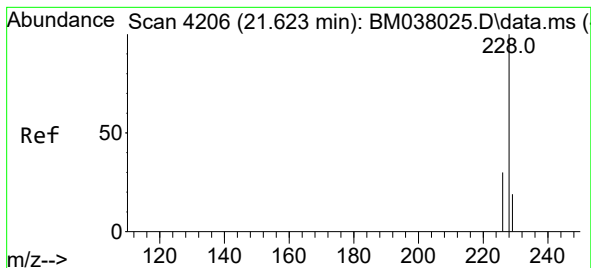
Ion Ratio Lower Upper

228 100

229 20.6 15.9 23.9

226 27.9 22.1 33.1





#22

Chrysene

Concen: 0.627 ng/ul

RT: 21.621 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM038076.D

Acq: 16 Dec 2022 20:44

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ClientSampleId :

DBYA2

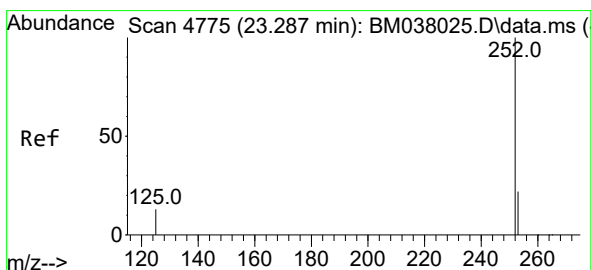
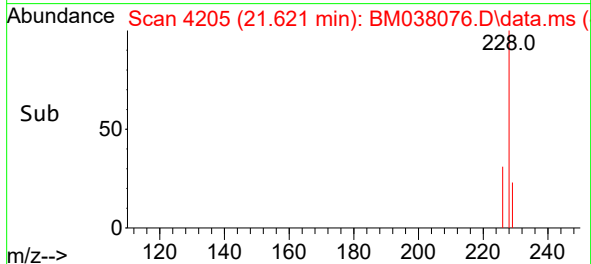
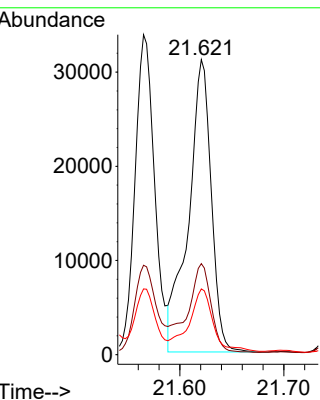
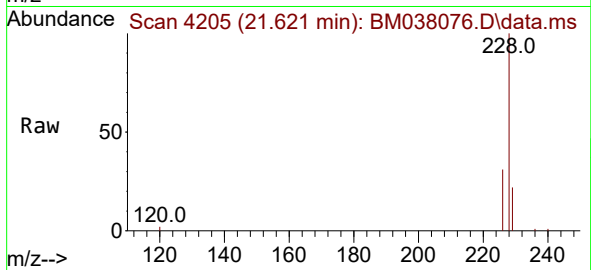
Tgt Ion:228 Resp: 47253

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

229 22.3 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.997 ng/ul

RT: 23.284 min Scan# 4774

Delta R.T. -0.003 min

Lab File: BM038076.D

Acq: 16 Dec 2022 20:44

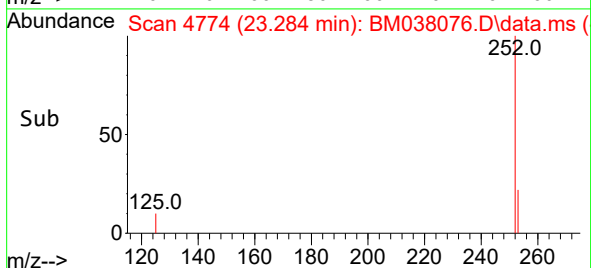
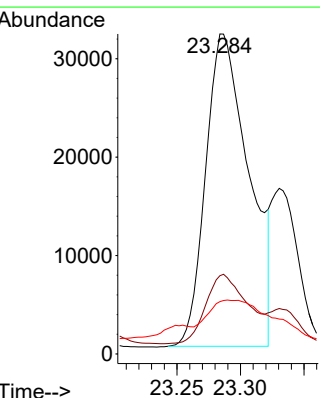
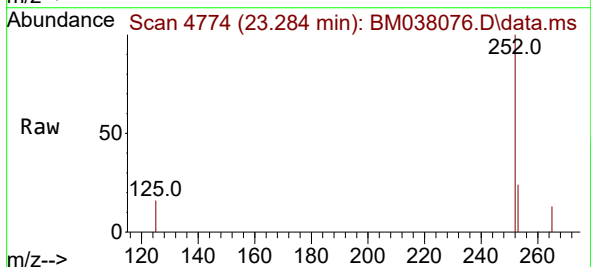
Tgt Ion:252 Resp: 75235

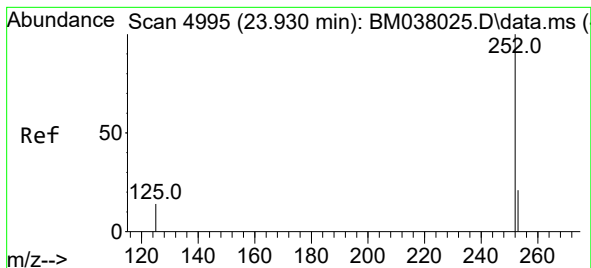
Ion Ratio Lower Upper

252 100

253 24.4 0.0 51.8

125 16.3 0.0 42.2





#26

Benzo(a)pyrene

Concen: 0.670 ng/ul

RT: 23.933 min Scan# 4995

Delta R.T. 0.003 min

Lab File: BM038076.D

Acq: 16 Dec 2022 20:44

Instrument :

BNA_M

ClientSampleId :

DBYA2

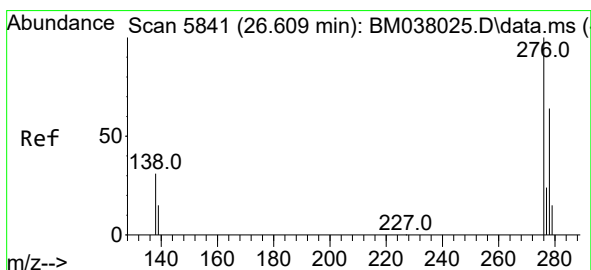
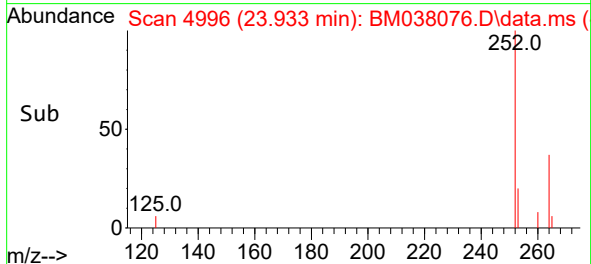
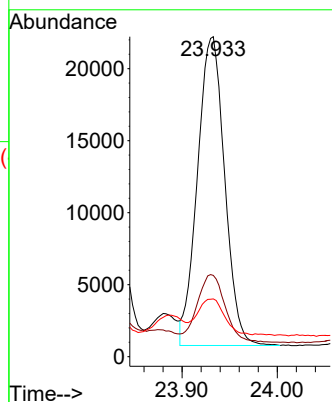
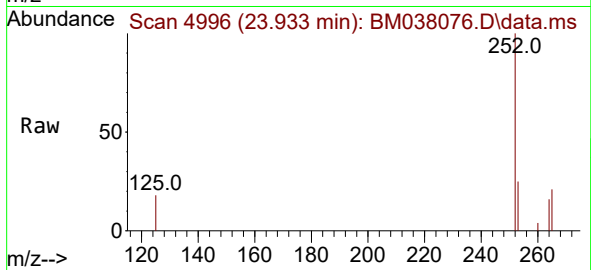
Tgt Ion:252 Resp: 42553

Ion Ratio Lower Upper

252 100

253 25.4 21.9 32.9

125 18.1 20.7 31.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.421 ng/ul

RT: 26.606 min Scan# 5840

Delta R.T. -0.003 min

Lab File: BM038076.D

Acq: 16 Dec 2022 20:44

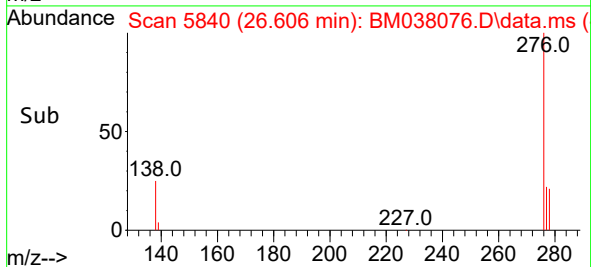
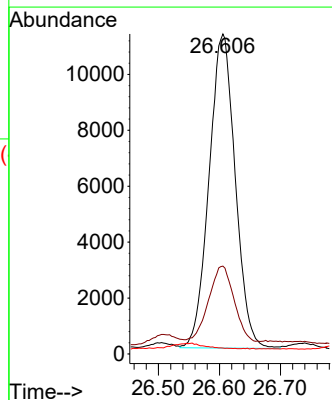
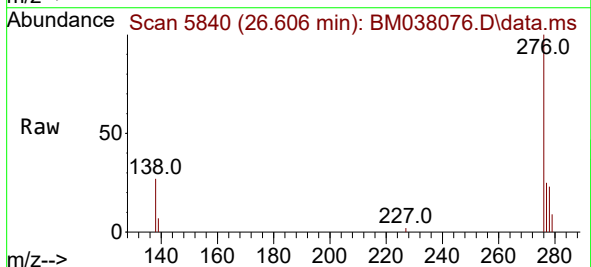
Tgt Ion:276 Resp: 33530

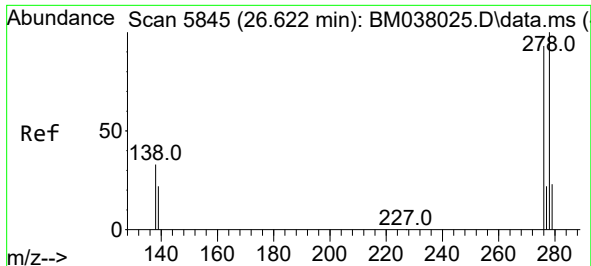
Ion Ratio Lower Upper

276 100

138 26.7 26.6 40.0

227 0.0 0.1 0.1#

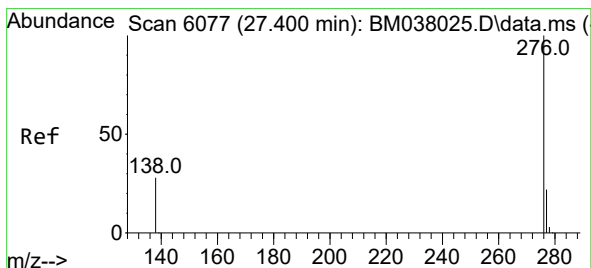
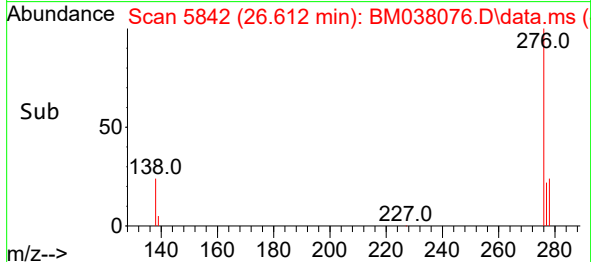
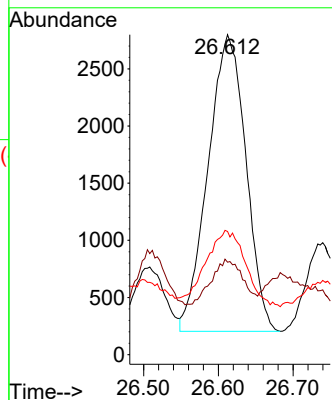
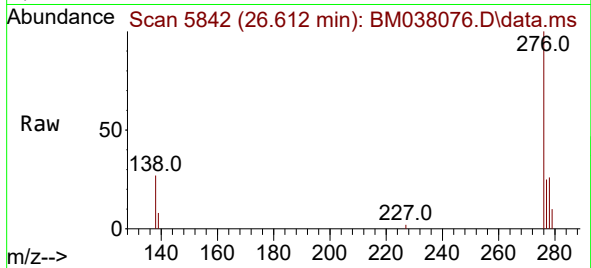




#28
Dibenzo(a,h)anthracene
Concen: 0.147 ng/ul
RT: 26.612 min Scan# 5842
Delta R.T. -0.010 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

Instrument :
BNA_M
ClientSampleId :
DBYA2

Tgt Ion:278 Resp: 9141
Ion Ratio Lower Upper
278 100
139 28.9 19.0 28.6#
279 38.5 22.4 33.6#



#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 27.400 min Scan# 6077
Delta R.T. 0.000 min
Lab File: BM038076.D
Acq: 16 Dec 2022 20:44

Tgt Ion:276 Resp: 25030
Ion Ratio Lower Upper
276 100
138 30.4 24.1 36.1
277 25.3 19.0 28.6

