

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038101.D
 Acq On : 19 Dec 2022 14:14
 Operator : CG/JU
 Sample : N6006-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXV6

Quant Time: Dec 19 14:51:03 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)

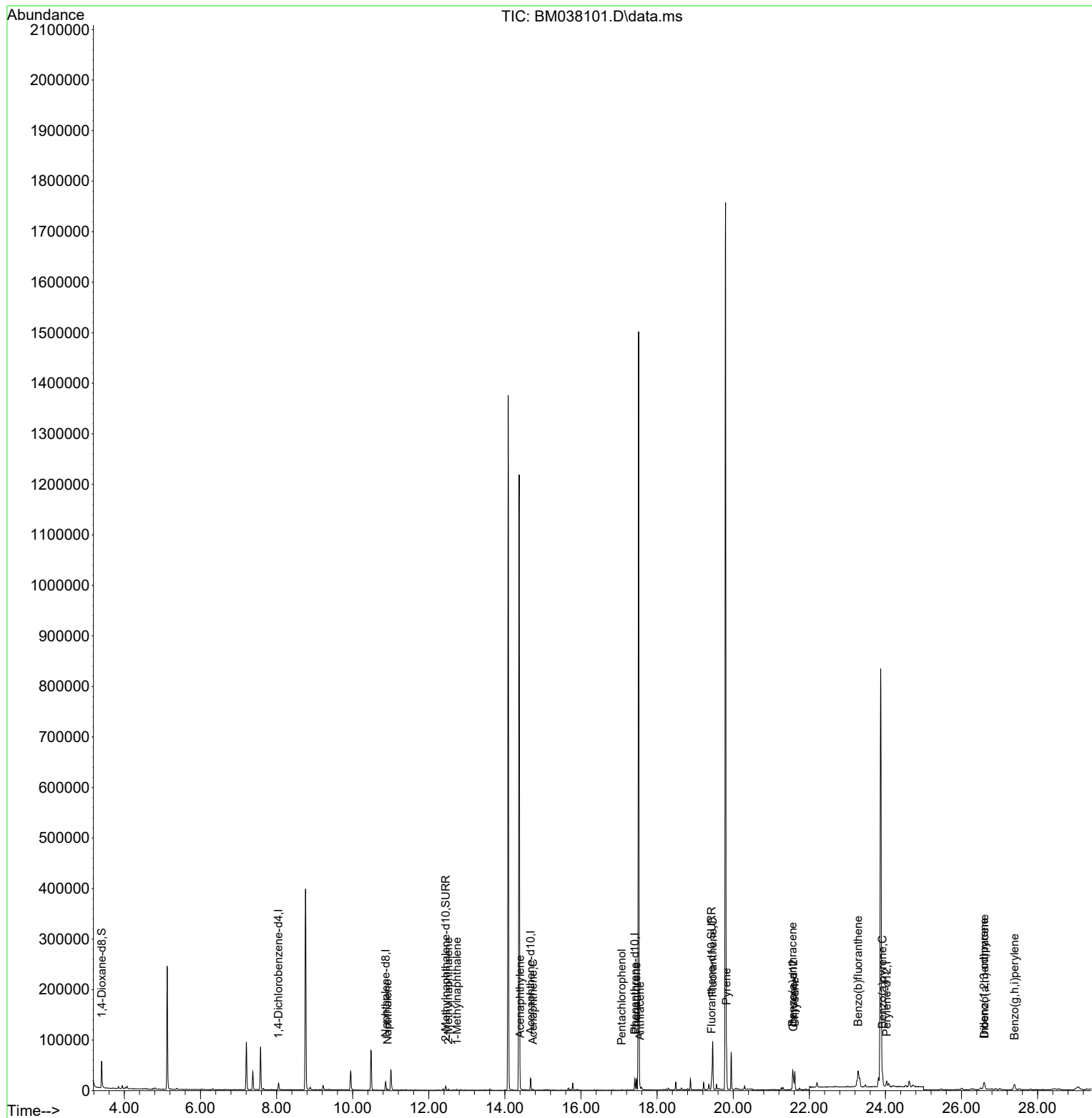
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	6849	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	21954	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.675	164	11796	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	23871	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	16173	0.400	ng/ul	0.00
23) Perylene-d12	24.032	264	15353	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	34693	3.706	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	9528	0.297	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	19173	0.327	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.917	128	2725	0.041	ng/ul#	91
7) 2-Methylnaphthalene	12.517	142	1494	0.037	ng/ul	99
8) 1-Methylnaphthalene	12.737	142	1156	0.028	ng/ul	96
10) Acenaphthylene	14.402	152	2525	0.041	ng/ul#	89
11) Acenaphthene	14.740	153	1050	0.022	ng/ul	96
14) Pentachlorophenol	17.067	266	476	0.048	ng/ul	91
15) Phenanthrene	17.455	178	21543	0.268	ng/ul	98
16) Anthracene	17.548	178	4335	0.058	ng/ul#	90
19) Fluoranthene	19.459	202	74216	0.888	ng/ul#	90
20) Pyrene	19.826	202	61775	0.724	ng/ul	96
21) Benzo(a)anthracene	21.562	228	30364	0.435	ng/ul	98
22) Chrysene	21.618	228	36968	0.524	ng/ul	98
24) Benzo(b)fluoranthene	23.281	252	53148	0.730	ng/ul	100
26) Benzo(a)pyrene	23.924	252	30918	0.504	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.592	276	25326	0.329	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.602	278	6370	0.106	ng/ul#	74
29) Benzo(g,h,i)perylene	27.394	276	23718	0.363	ng/ul	98

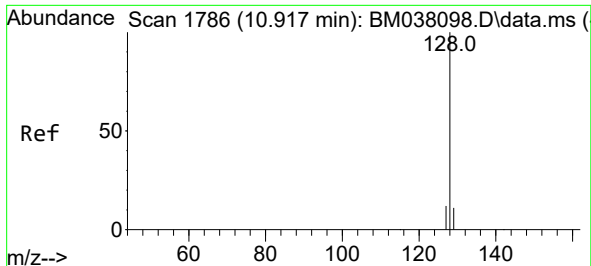
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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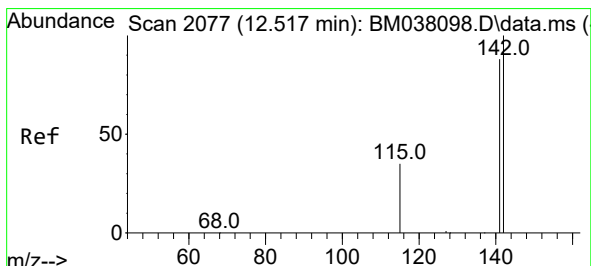
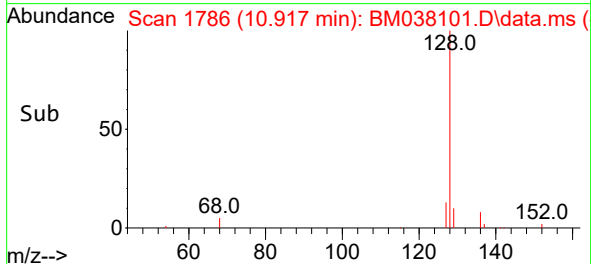
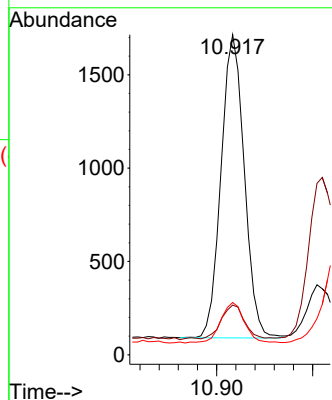
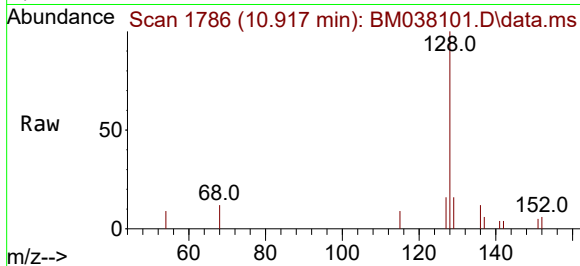




#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

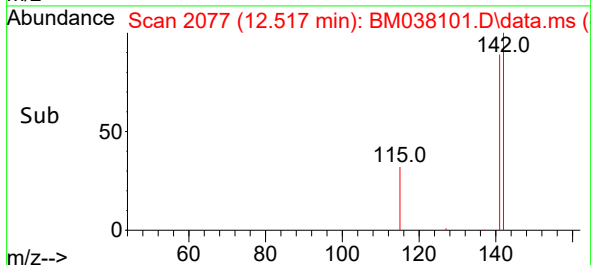
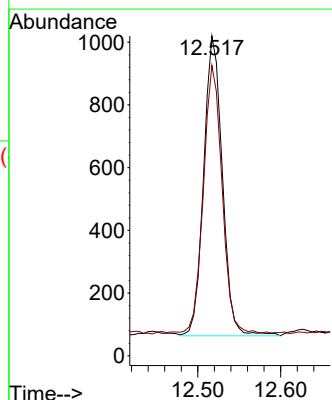
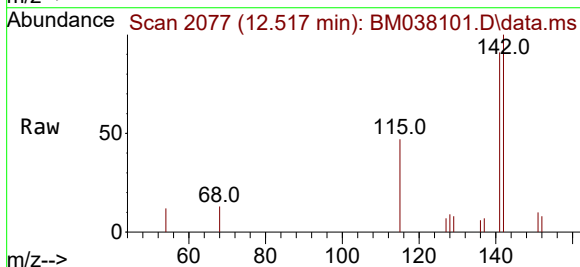
Instrument :
BNA_M
ClientSampleId :
DBXV6

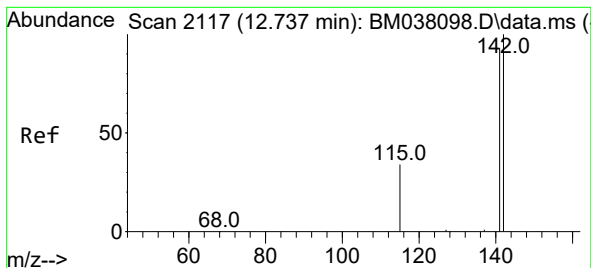
Tgt Ion:128 Resp: 2725
Ion Ratio Lower Upper
128 100
129 15.5 9.1 13.7#
127 16.3 10.4 15.6#



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

Tgt Ion:142 Resp: 1494
Ion Ratio Lower Upper
142 100
141 89.0 70.4 105.6





#8

1-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 12.737 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BM038101.D

Acq: 19 Dec 2022 14:14

Instrument :

BNA_M

ClientSampleId :

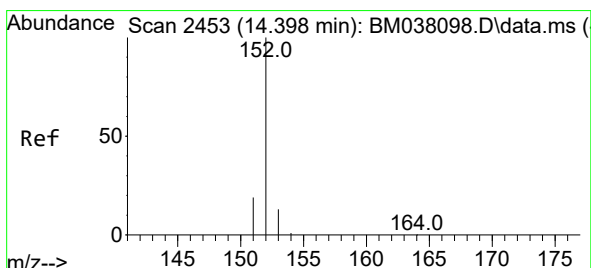
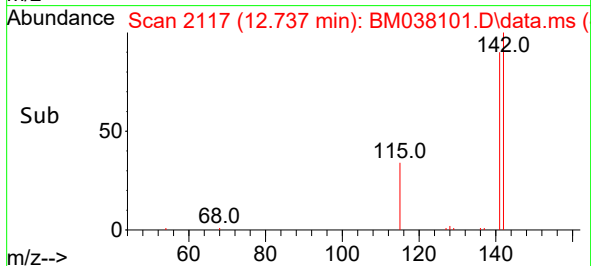
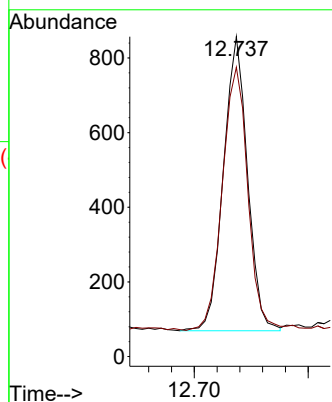
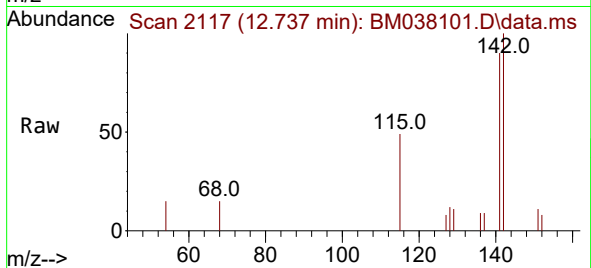
DBXV6

Tgt Ion:142 Resp: 1156

Ion Ratio Lower Upper

142 100

141 95.5 73.6 110.4



#10

Acenaphthylene

Concen: 0.041 ng/ul

RT: 14.402 min Scan# 2454

Delta R.T. 0.000 min

Lab File: BM038101.D

Acq: 19 Dec 2022 14:14

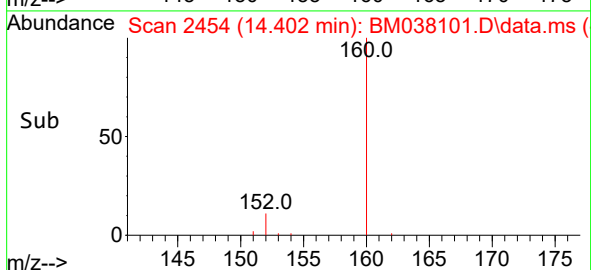
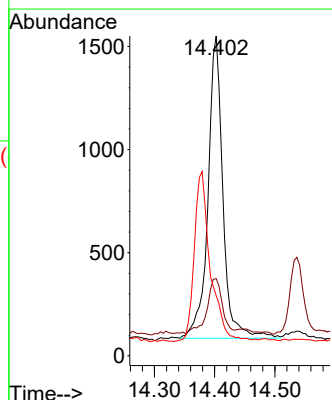
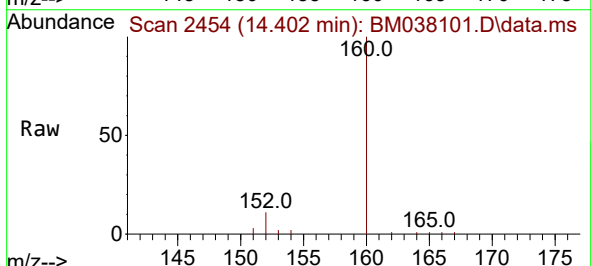
Tgt Ion:152 Resp: 2525

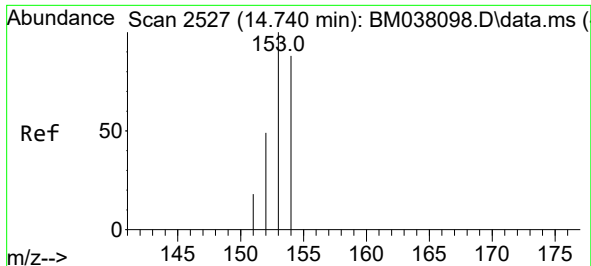
Ion Ratio Lower Upper

152 100

151 24.1 15.5 23.3#

153 18.8 11.0 16.4#

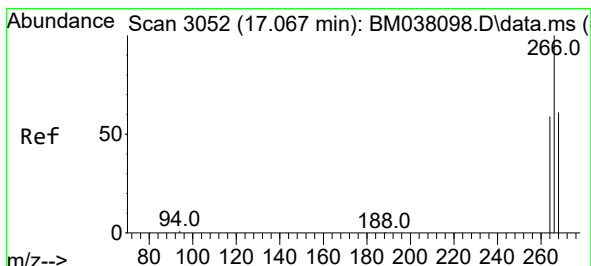
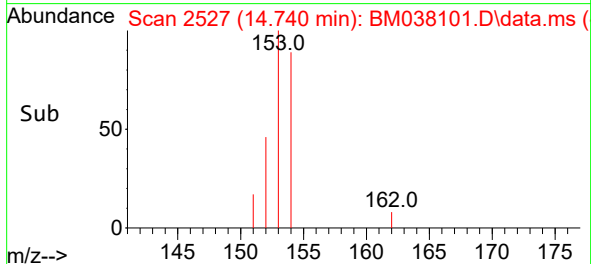
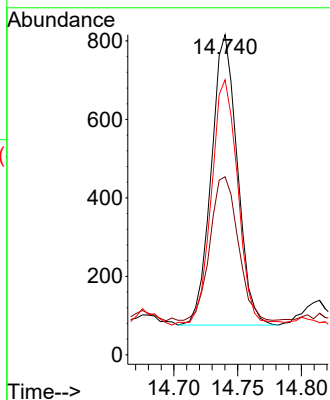
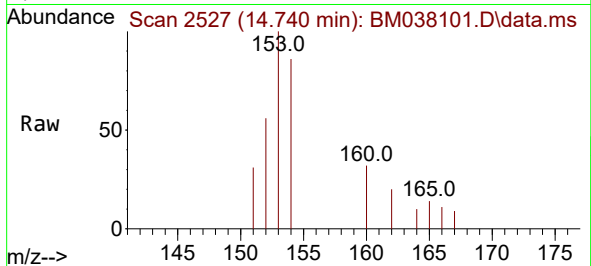




#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.740 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

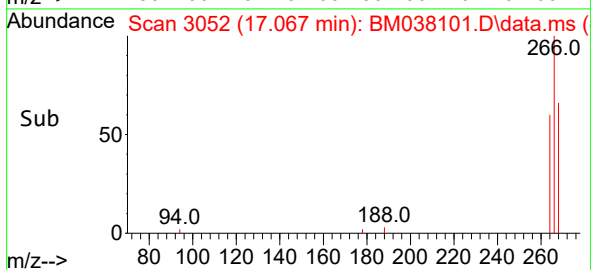
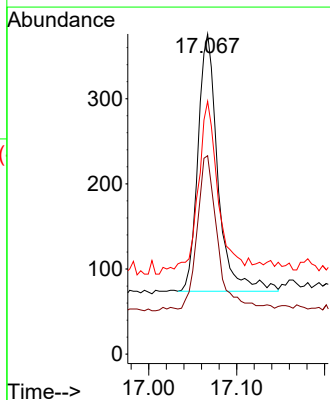
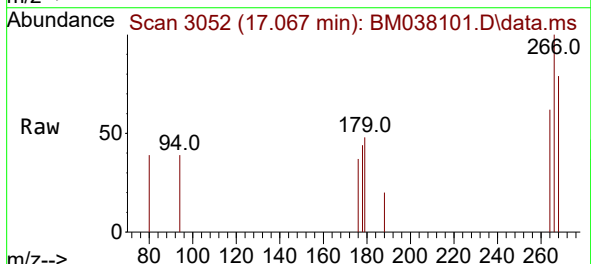
Instrument :
BNA_M
ClientSampleId :
DBXV6

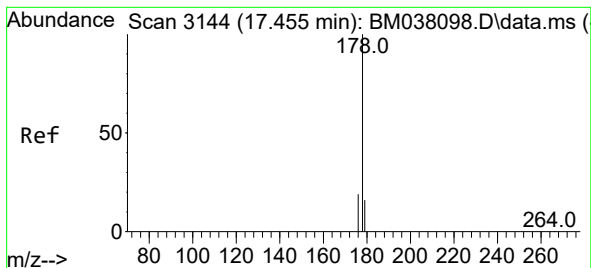
Tgt Ion:153 Resp: 1050
Ion Ratio Lower Upper
153 100
152 55.6 39.5 59.3
154 85.9 69.2 103.8



#14
Pentachlorophenol
Concen: 0.048 ng/ul
RT: 17.067 min Scan# 3052
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

Tgt Ion:266 Resp: 476
Ion Ratio Lower Upper
266 100
264 60.5 49.9 74.9
268 77.3 52.0 78.0





#15

Phenanthrene

Concen: 0.268 ng/ul

RT: 17.455 min Scan# 3144

Delta R.T. -0.004 min

Lab File: BM038101.D

Acq: 19 Dec 2022 14:14

Instrument :

BNA_M

ClientSampleId :

DBXV6

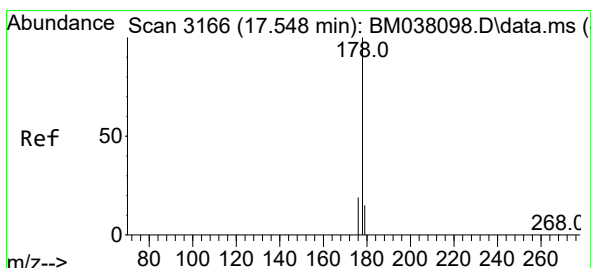
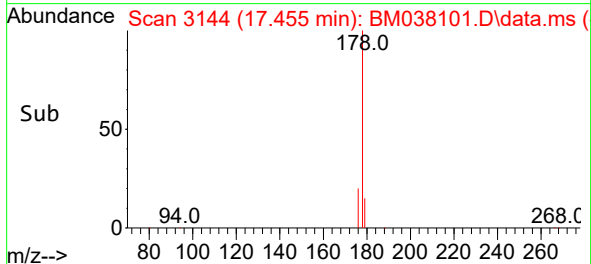
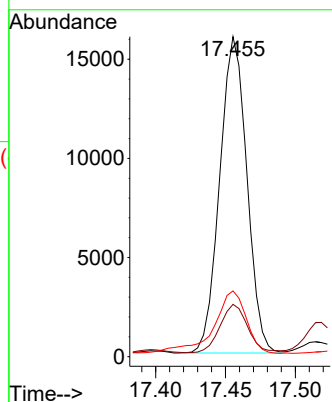
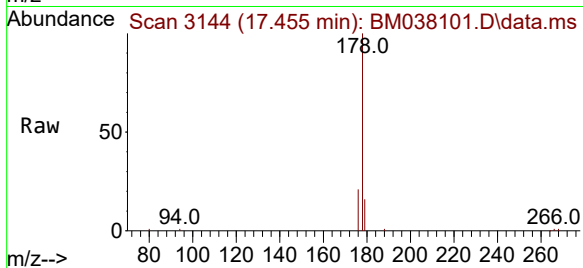
Tgt Ion:178 Resp: 21543

Ion Ratio Lower Upper

178 100

179 16.4 12.6 19.0

176 20.6 15.8 23.6



#16

Anthracene

Concen: 0.058 ng/ul

RT: 17.548 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BM038101.D

Acq: 19 Dec 2022 14:14

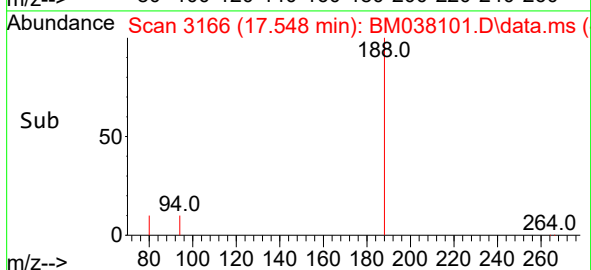
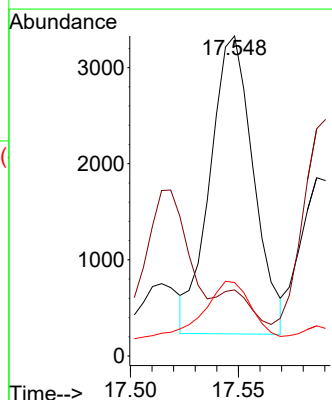
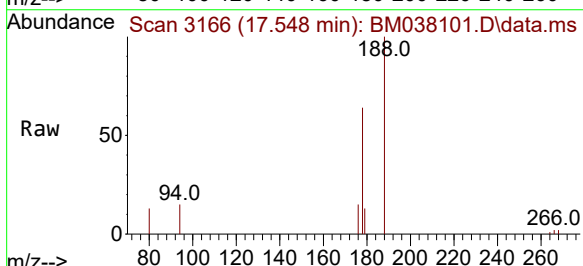
Tgt Ion:178 Resp: 4335

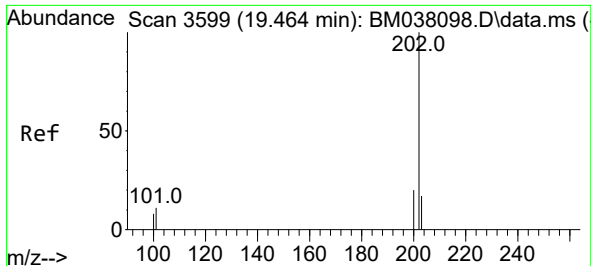
Ion Ratio Lower Upper

178 100

179 20.6 13.0 19.4#

176 22.9 15.0 22.4#





#19

Fluoranthene

Concen: 0.888 ng/ul

RT: 19.459 min Scan# 3598

Delta R.T. -0.005 min

Lab File: BM038101.D

Acq: 19 Dec 2022 14:14

Instrument :

BNA_M

ClientSampleId :

DBXV6

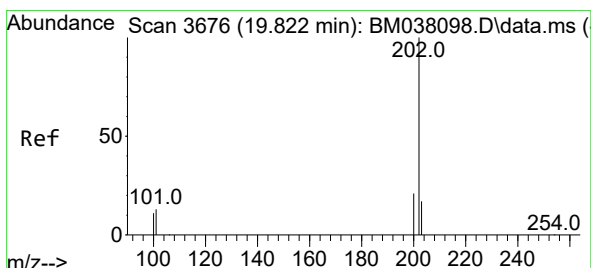
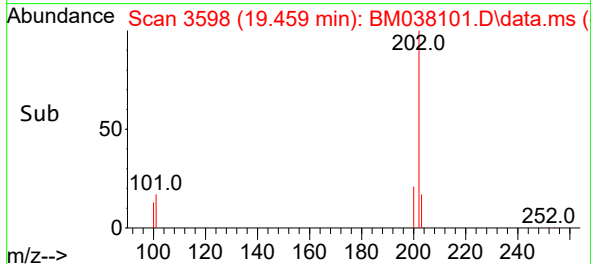
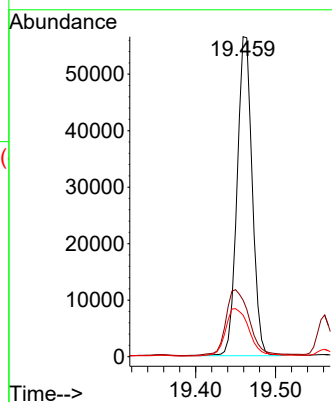
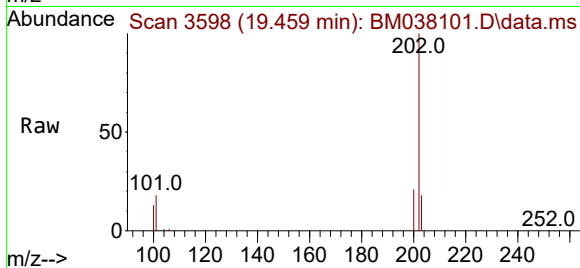
Tgt Ion:202 Resp: 74216

Ion Ratio Lower Upper

202 100

101 17.7 10.6 15.8#

100 13.0 7.9 11.9#



#20

Pyrene

Concen: 0.724 ng/ul

RT: 19.826 min Scan# 3677

Delta R.T. 0.000 min

Lab File: BM038101.D

Acq: 19 Dec 2022 14:14

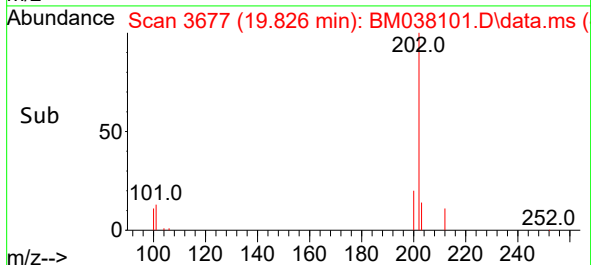
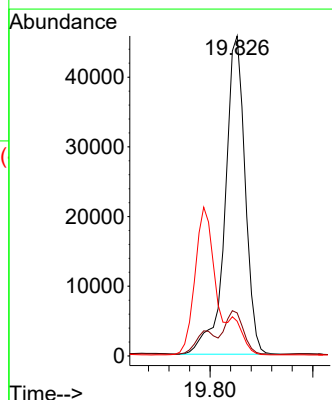
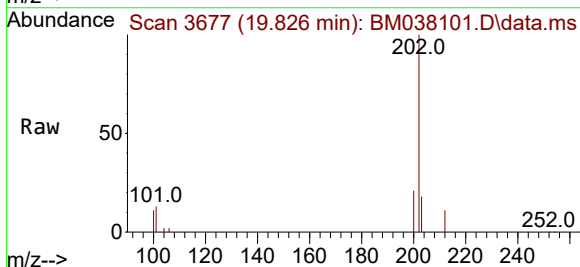
Tgt Ion:202 Resp: 61775

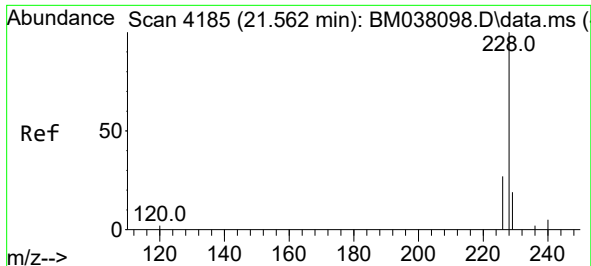
Ion Ratio Lower Upper

202 100

101 13.4 12.1 18.1

100 10.9 9.8 14.6

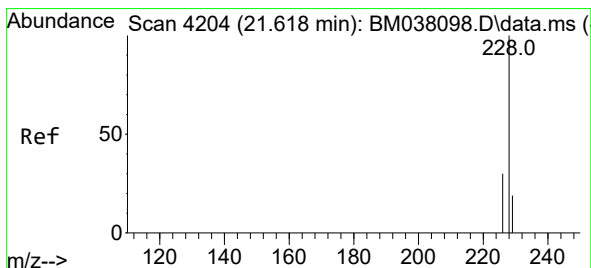
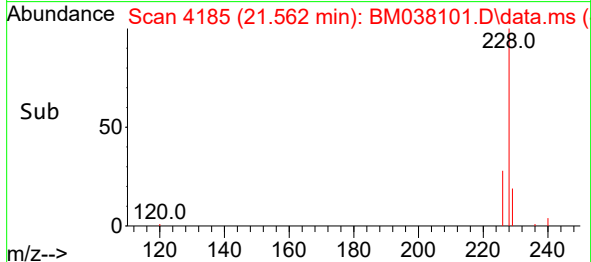
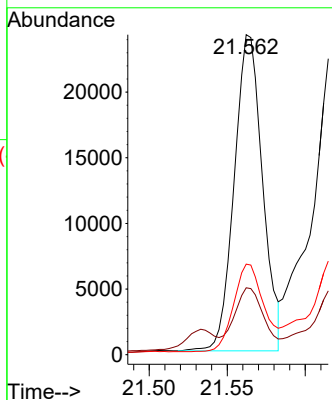
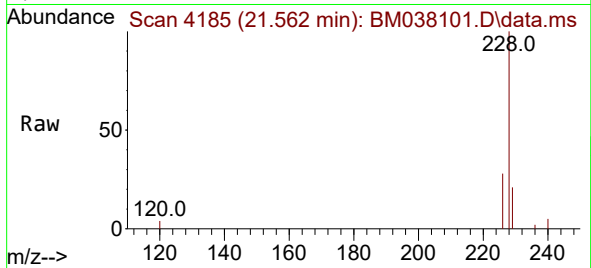




#21
Benzo(a)anthracene
Concen: 0.435 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

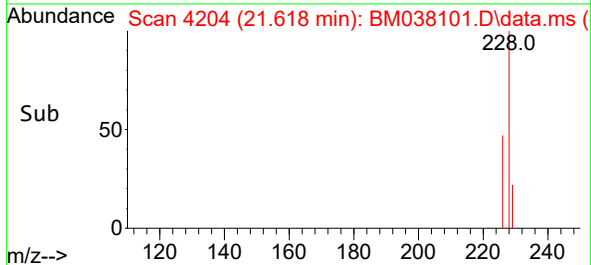
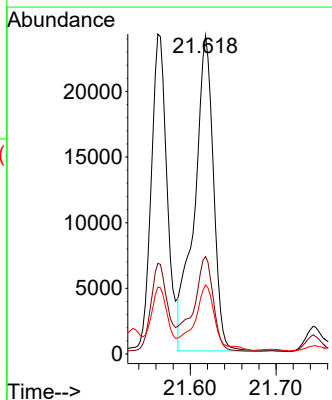
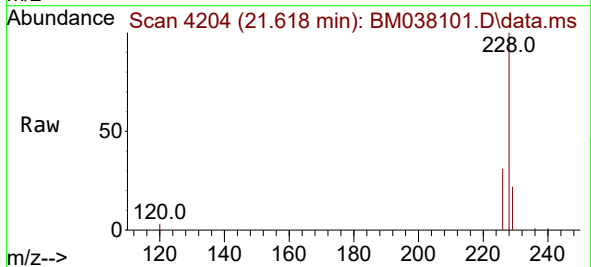
Instrument :
BNA_M
ClientSampleId :
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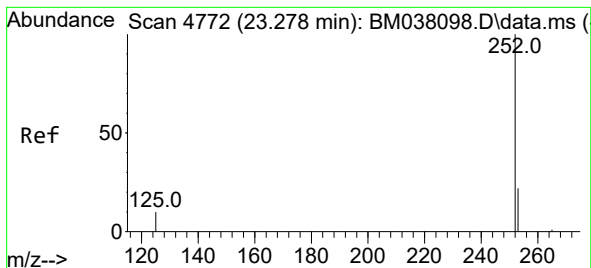
Tgt Ion:228 Resp: 30364
Ion Ratio Lower Upper
228 100
229 20.9 15.9 23.9
226 28.3 22.1 33.1



#22
Chrysene
Concen: 0.524 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

Tgt Ion:228 Resp: 36968
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 21.7 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.730 ng/ul

RT: 23.281 min Scan# 4773

Delta R.T. 0.000 min

Lab File: BM038101.D

Acq: 19 Dec 2022 14:14

Instrument :

BNA_M

ClientSampleId :

DBXV6

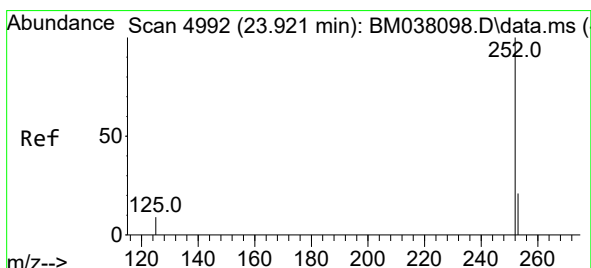
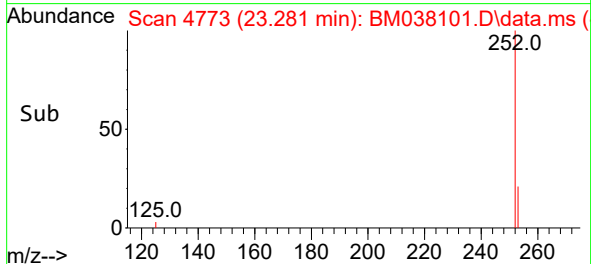
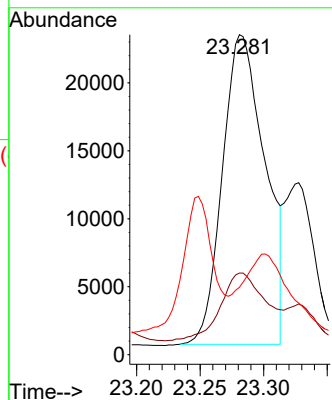
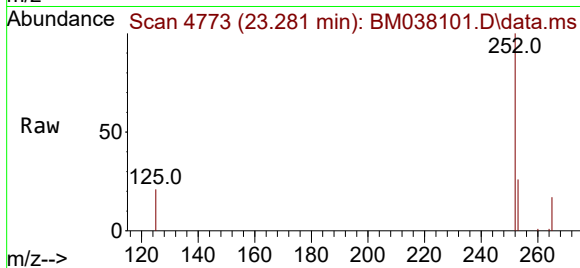
Tgt Ion:252 Resp: 53148

Ion Ratio Lower Upper

252 100

253 25.5 0.0 51.8

125 21.0 0.0 42.2



#26

Benzo(a)pyrene

Concen: 0.504 ng/ul

RT: 23.924 min Scan# 4993

Delta R.T. 0.000 min

Lab File: BM038101.D

Acq: 19 Dec 2022 14:14

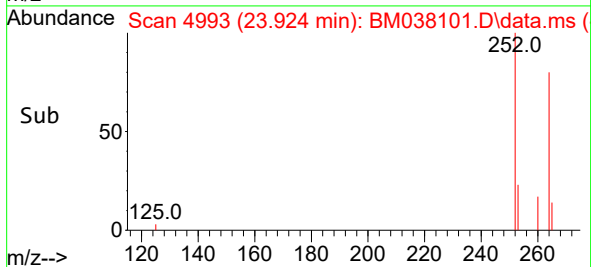
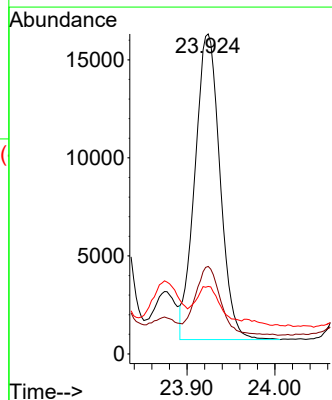
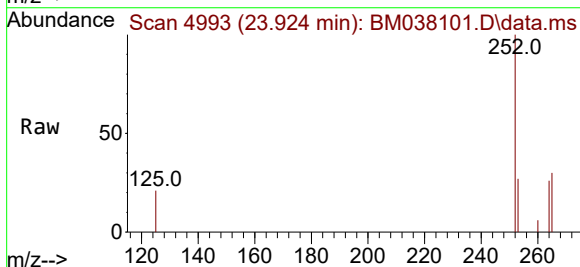
Tgt Ion:252 Resp: 30918

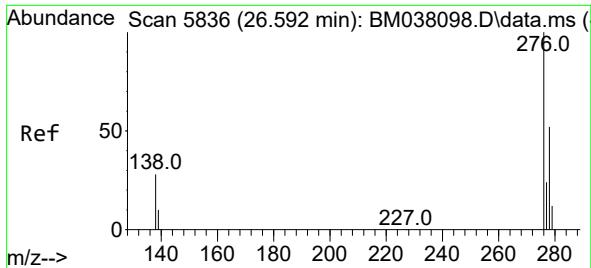
Ion Ratio Lower Upper

252 100

253 27.4 21.9 32.9

125 21.1 20.7 31.1

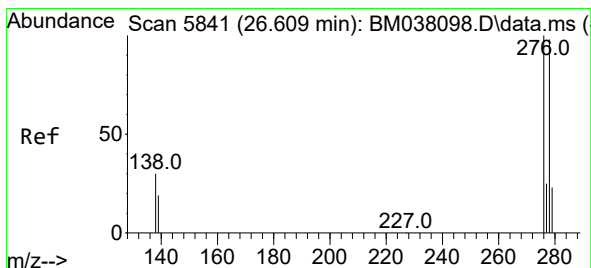
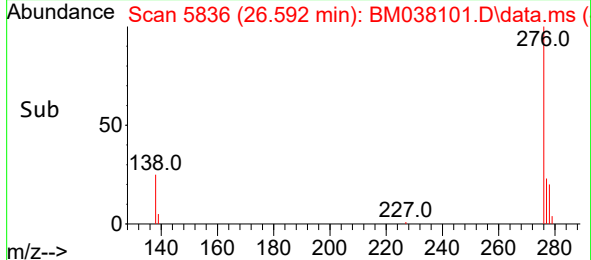
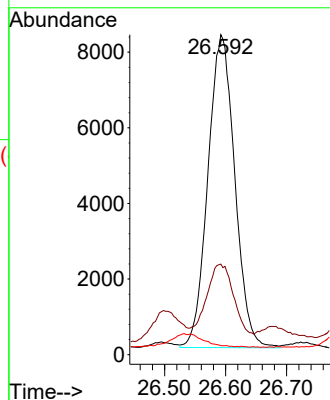
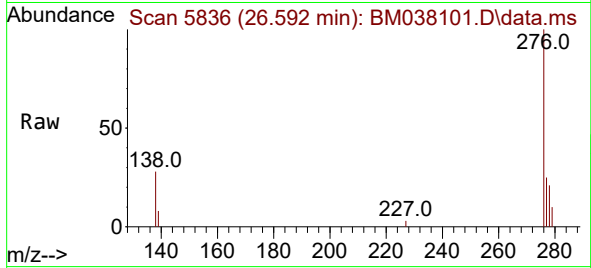




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng/ul
RT: 26.592 min Scan# 5836
Delta R.T. -0.007 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

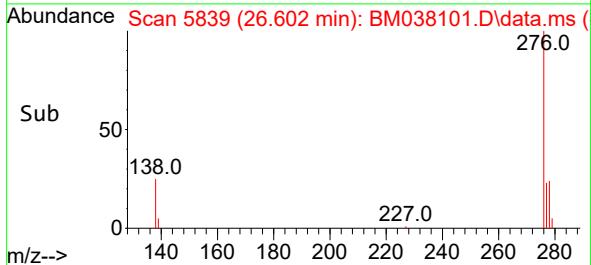
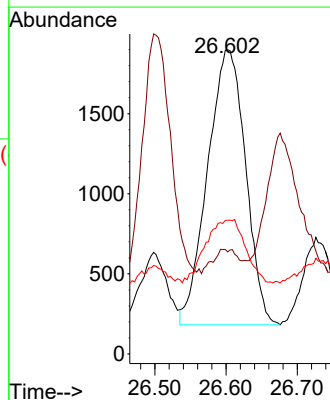
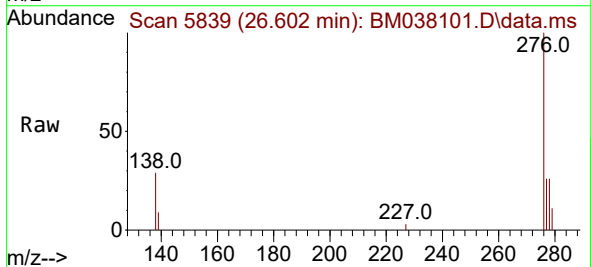
Instrument :
BNA_M
ClientSampleId :
DBXV6

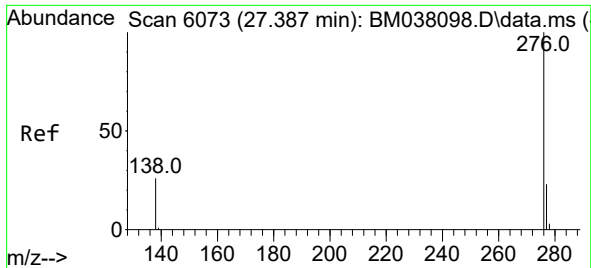
Tgt Ion:276 Resp: 25326
Ion Ratio Lower Upper
276 100
138 24.9 26.6 40.0#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.106 ng/ul
RT: 26.602 min Scan# 5839
Delta R.T. -0.013 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

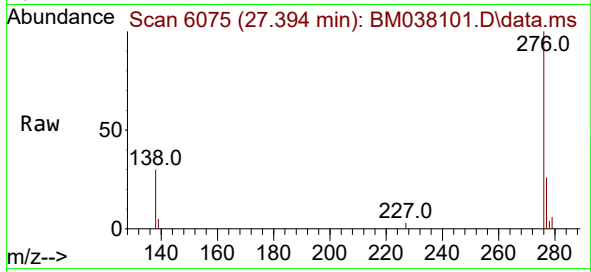
Tgt Ion:278 Resp: 6370
Ion Ratio Lower Upper
278 100
139 33.5 19.0 28.6#
279 44.0 22.4 33.6#





#29
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 27.394 min Scan# 6075
Delta R.T. 0.000 min
Lab File: BM038101.D
Acq: 19 Dec 2022 14:14

Instrument :
BNA_M
ClientSampleId :
DBXV6



Tgt Ion:	276	Resp:	23718
Ion Ratio	Lower	Upper	
276	100		
138	30.3	24.1	36.1
277	25.9	19.0	28.6

