

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121922\
 Data File : BM038105.D
 Acq On : 19 Dec 2022 16:43
 Operator : CG/JU
 Sample : N6006-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXV6

Quant Time: Dec 19 17:24:16 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)

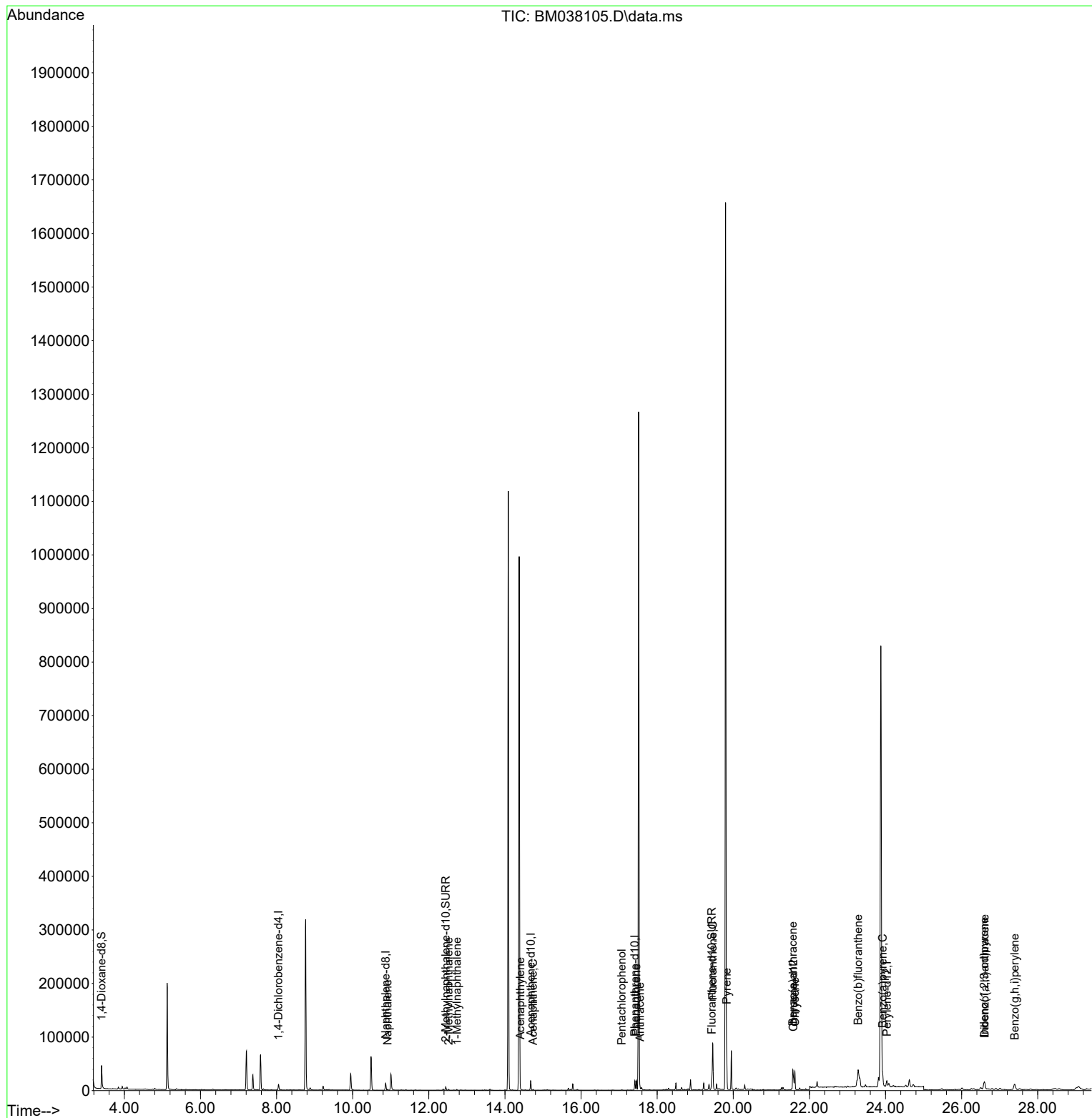
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5353	0.400	ng/ul	0.00
4) Naphthalene-d8	10.867	136	16988	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.680	164	9192	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	19443	0.400	ng/ul	0.00
17) Chrysene-d12	21.580	240	16042	0.400	ng/ul	0.00
23) Perylene-d12	24.035	264	15469	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.402	96	28289	3.866	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.445	152	7421	0.299	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	17586	0.302	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.917	128	2096	0.041	ng/ul#	89
7) 2-Methylnaphthalene	12.517	142	1137	0.036	ng/ul	98
8) 1-Methylnaphthalene	12.737	142	879	0.027	ng/ul	95
10) Acenaphthylene	14.402	152	1804	0.037	ng/ul#	84
11) Acenaphthene	14.740	153	814	0.022	ng/ul	96
14) Pentachlorophenol	17.067	266	419	0.052	ng/ul	99
15) Phenanthrene	17.455	178	17524	0.268	ng/ul	98
16) Anthracene	17.548	178	3575	0.059	ng/ul#	90
19) Fluoranthene	19.464	202	67578	0.816	ng/ul	97
20) Pyrene	19.826	202	57849	0.684	ng/ul	95
21) Benzo(a)anthracene	21.562	228	29539	0.426	ng/ul	99
22) Chrysene	21.618	228	36988	0.529	ng/ul	98
24) Benzo(b)fluoranthene	23.281	252	54477	0.743	ng/ul	99
26) Benzo(a)pyrene	23.924	252	30998	0.502	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.595	276	25942	0.335	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.605	278	6508	0.108	ng/ul#	75
29) Benzo(g,h,i)perylene	27.394	276	24450	0.371	ng/ul	98

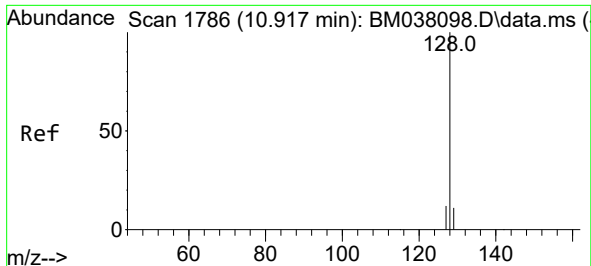
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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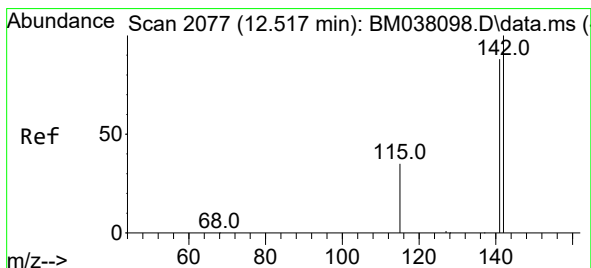
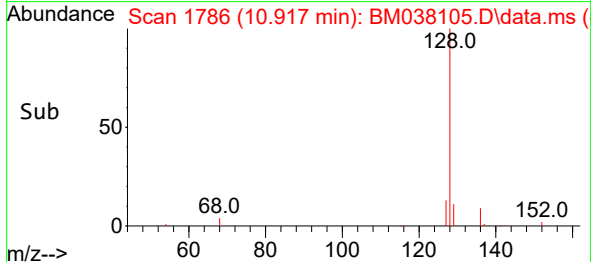
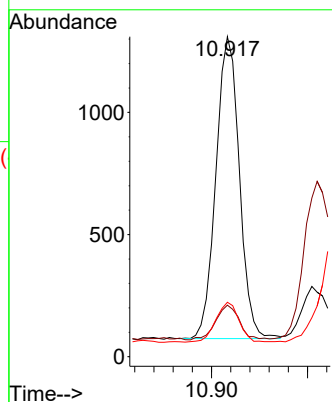
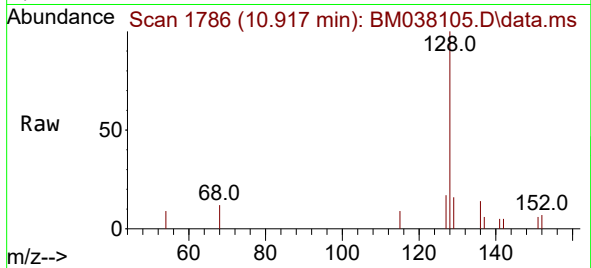




#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.917 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

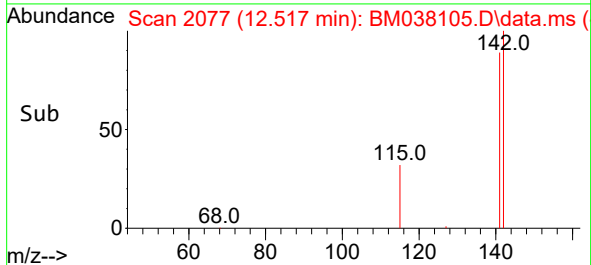
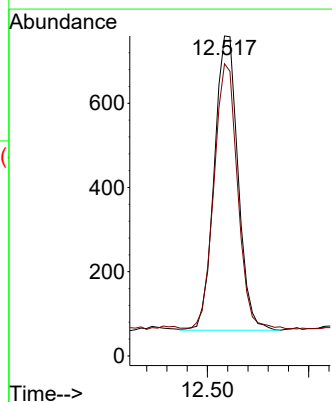
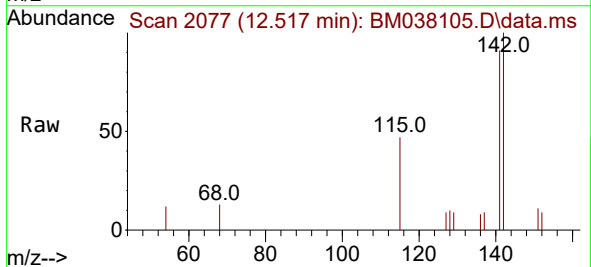
Instrument :
BNA_M
ClientSampleId :
DBXV6

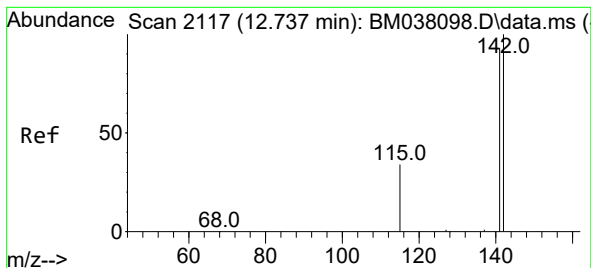
Tgt Ion:128 Resp: 2096
Ion Ratio Lower Upper
128 100
129 16.1 9.1 13.7#
127 17.0 10.4 15.6#



#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.517 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

Tgt Ion:142 Resp: 1137
Ion Ratio Lower Upper
142 100
141 89.5 70.4 105.6





#8

1-Methylnaphthalene

Concen: 0.027 ng/ul

RT: 12.737 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BM038105.D

Acq: 19 Dec 2022 16:43

Instrument :

BNA_M

ClientSampleId :

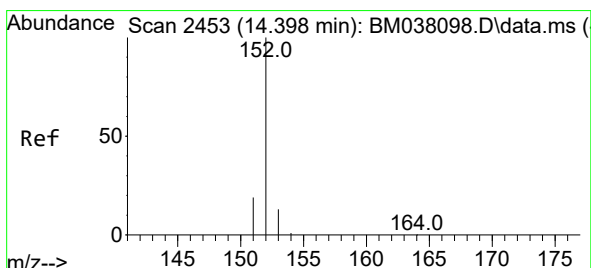
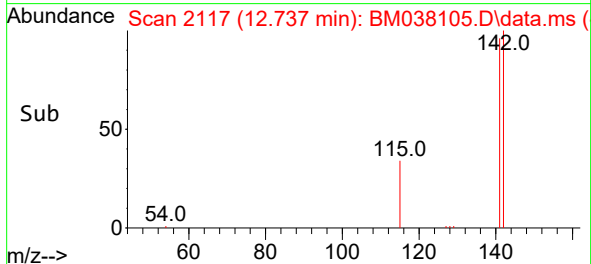
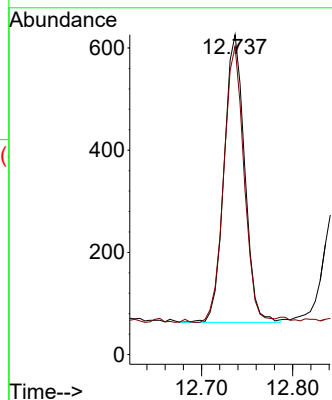
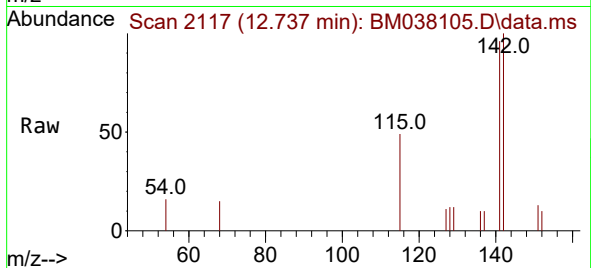
DBXV6

Tgt Ion:142 Resp: 879

Ion Ratio Lower Upper

142 100

141 96.5 73.6 110.4



#10

Acenaphthylene

Concen: 0.037 ng/ul

RT: 14.402 min Scan# 2454

Delta R.T. -0.000 min

Lab File: BM038105.D

Acq: 19 Dec 2022 16:43

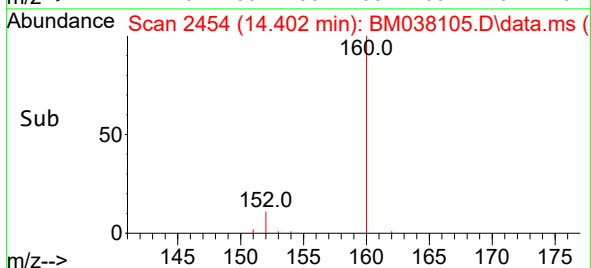
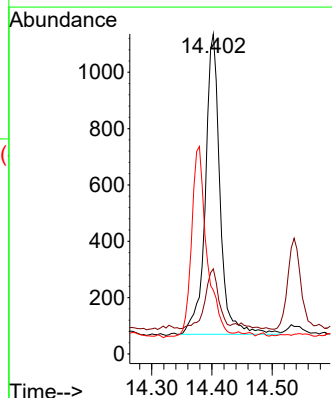
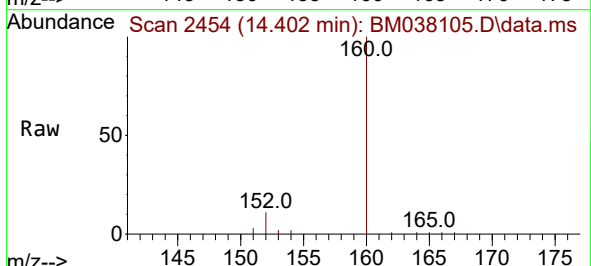
Tgt Ion:152 Resp: 1804

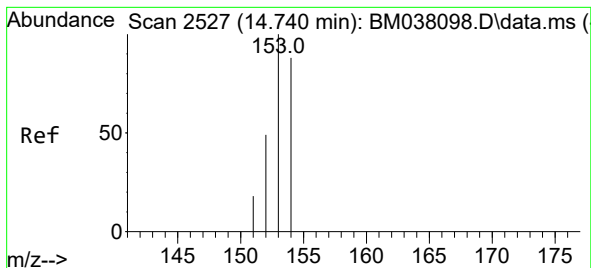
Ion Ratio Lower Upper

152 100

151 26.6 15.5 23.3#

153 19.9 11.0 16.4#





#11

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.740 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM038105.D

Acq: 19 Dec 2022 16:43

Instrument :

BNA_M

ClientSampleId :

DBXV6

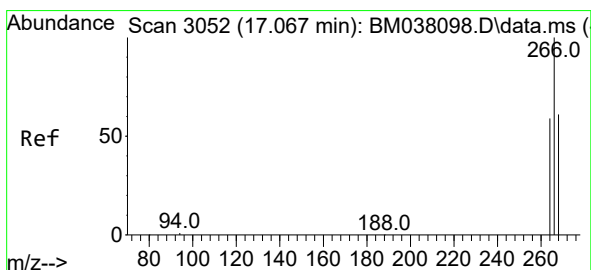
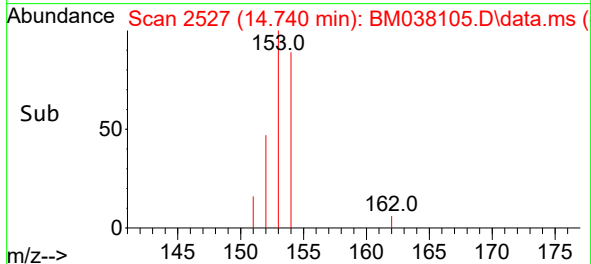
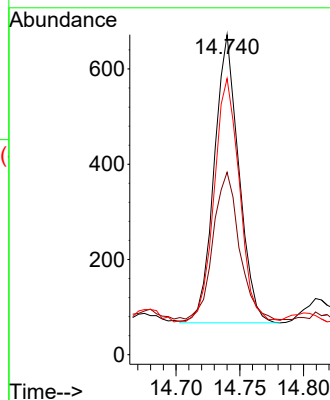
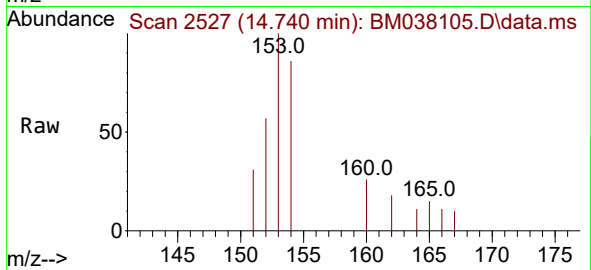
Tgt Ion:153 Resp: 814

Ion Ratio Lower Upper

153 100

152 57.0 39.5 59.3

154 86.3 69.2 103.8



#14

Pentachlorophenol

Concen: 0.052 ng/ul

RT: 17.067 min Scan# 3052

Delta R.T. -0.000 min

Lab File: BM038105.D

Acq: 19 Dec 2022 16:43

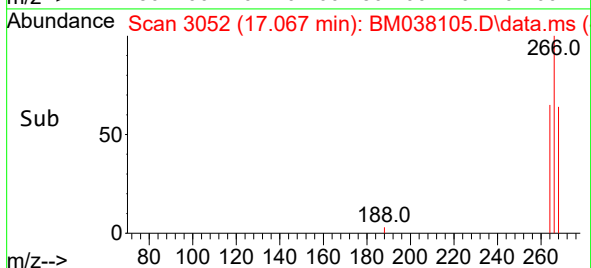
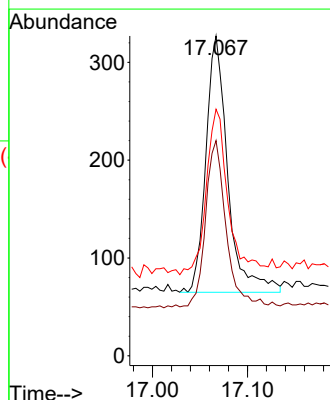
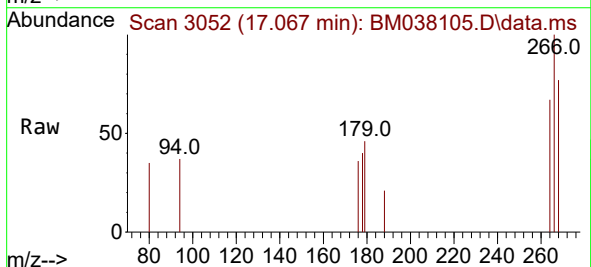
Tgt Ion:266 Resp: 419

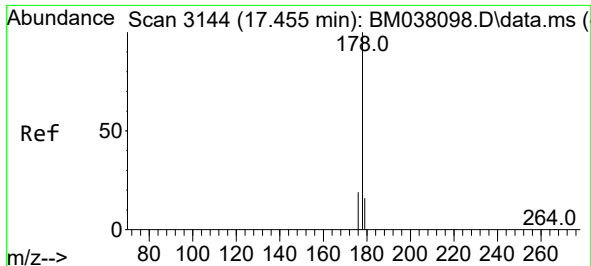
Ion Ratio Lower Upper

266 100

264 61.3 49.9 74.9

268 64.9 52.0 78.0

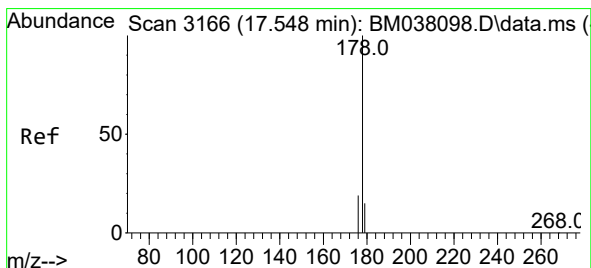
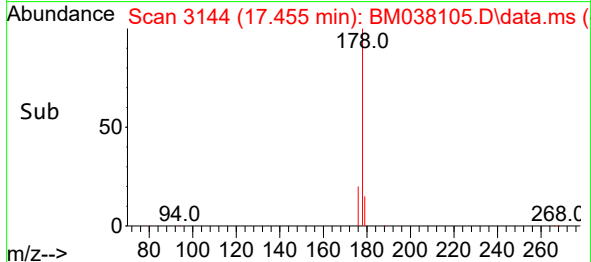
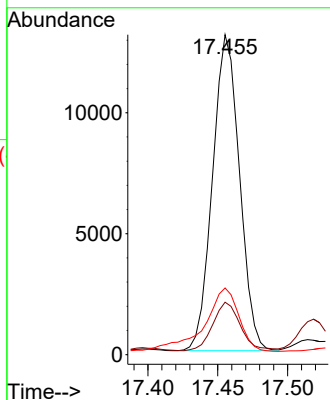
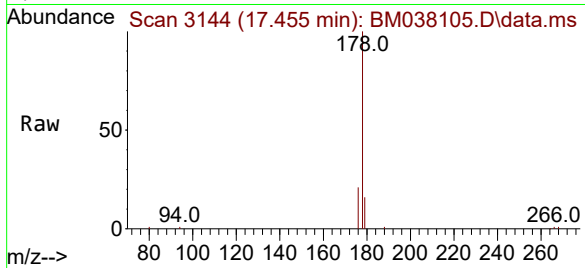




#15
Phenanthrene
Concen: 0.268 ng/ul
RT: 17.455 min Scan# 3144
Delta R.T. -0.004 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

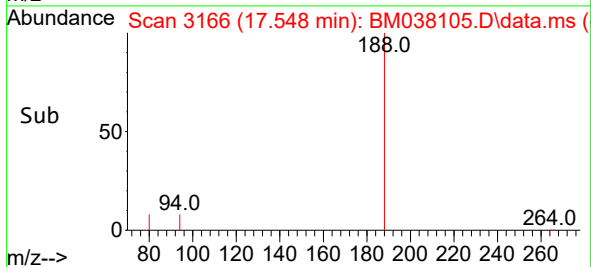
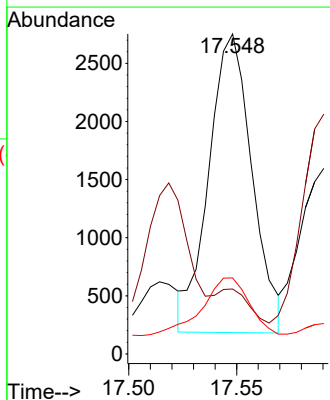
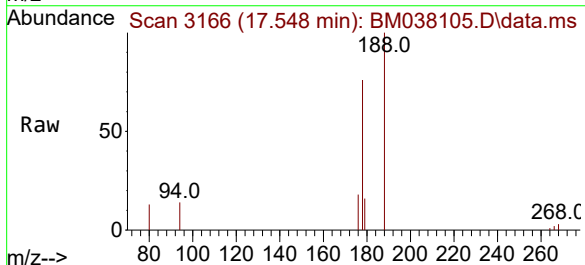
Instrument :
BNA_M
ClientSampleId :
DBXV6

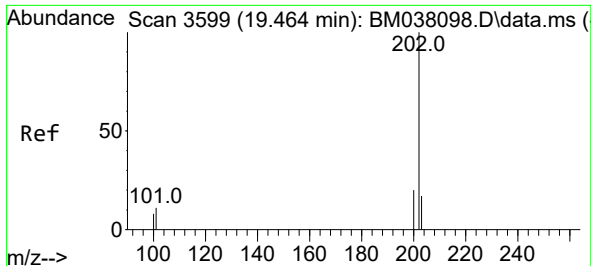
Tgt Ion:	178	Resp:	17524
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.6	19.0
176	20.9	15.8	23.6



#16
Anthracene
Concen: 0.059 ng/ul
RT: 17.548 min Scan# 3166
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

Tgt Ion:	178	Resp:	3575
Ion Ratio	Lower	Upper	
178	100		
179	20.3	13.0	19.4#
176	23.8	15.0	22.4#

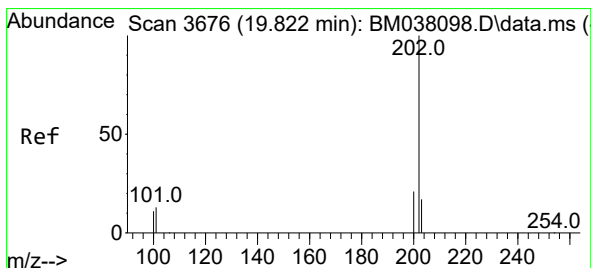
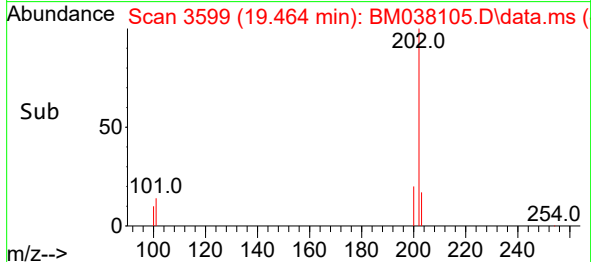
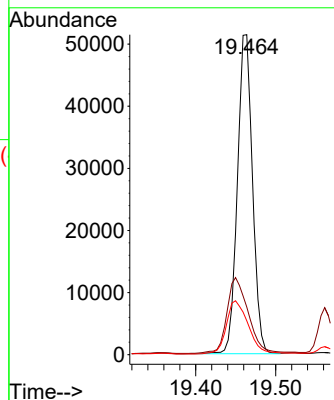
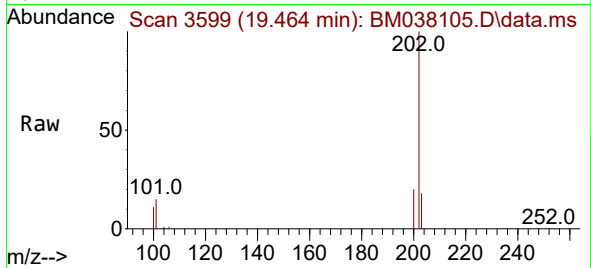




#19
Fluoranthene
Concen: 0.816 ng/ul
RT: 19.464 min Scan# 3599
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

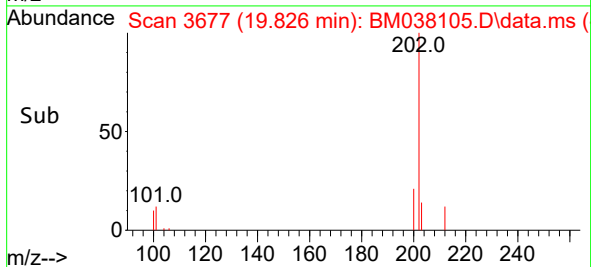
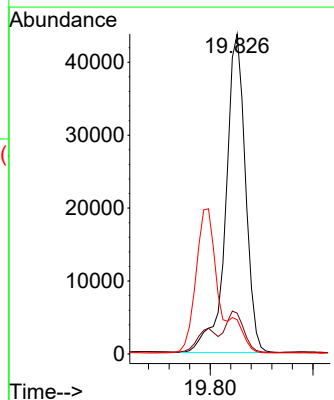
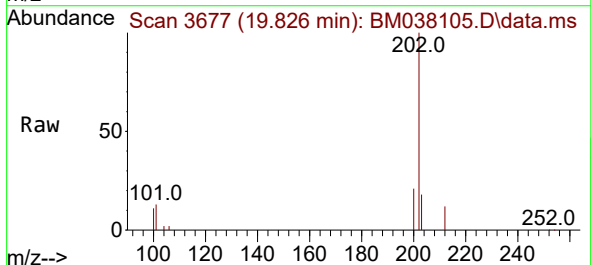
Instrument :
BNA_M
ClientSampleId :
DBXV6

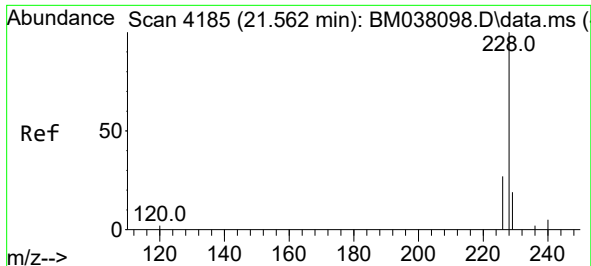
Tgt Ion:202 Resp: 67578
Ion Ratio Lower Upper
202 100
101 14.9 10.6 15.8
100 10.6 7.9 11.9



#20
Pyrene
Concen: 0.684 ng/ul
RT: 19.826 min Scan# 3677
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

Tgt Ion:202 Resp: 57849
Ion Ratio Lower Upper
202 100
101 12.8 12.1 18.1
100 10.7 9.8 14.6

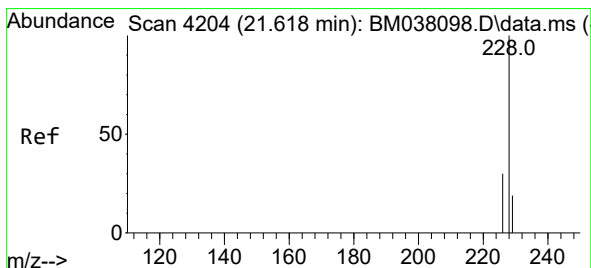
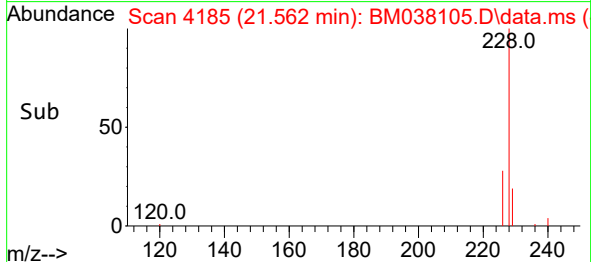
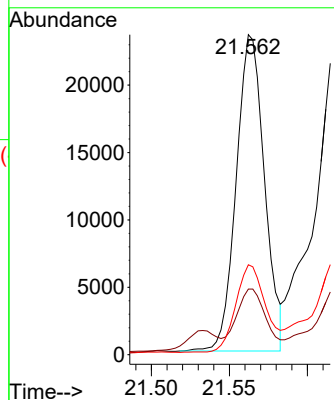
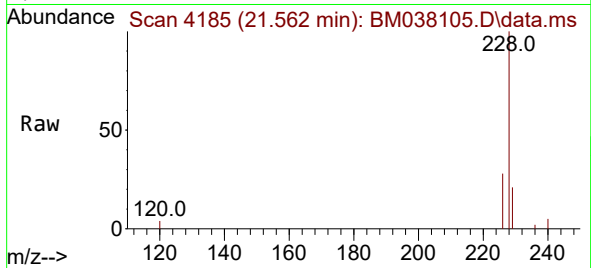




#21
Benzo(a)anthracene
Concen: 0.426 ng/ul
RT: 21.562 min Scan# 4185
Delta R.T. -0.003 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

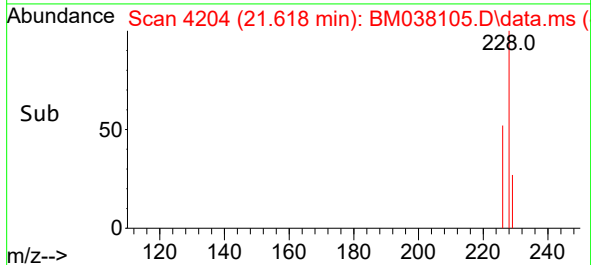
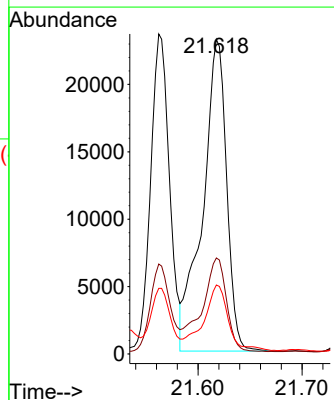
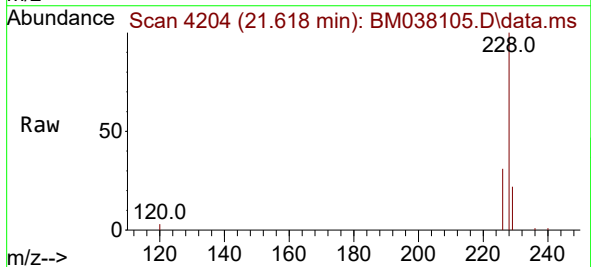
Instrument :
BNA_M
ClientSampleId :
DBXV6

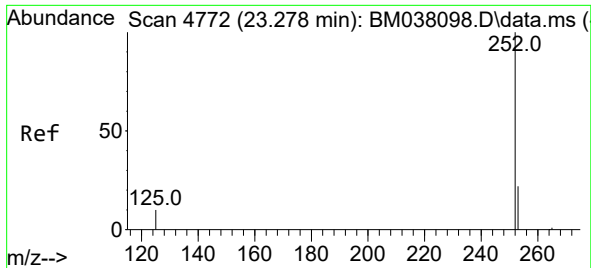
Tgt Ion:228 Resp: 29539
Ion Ratio Lower Upper
228 100
229 20.5 15.9 23.9
226 28.1 22.1 33.1



#22
Chrysene
Concen: 0.529 ng/ul
RT: 21.618 min Scan# 4204
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

Tgt Ion:228 Resp: 36988
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 21.9 15.7 23.5

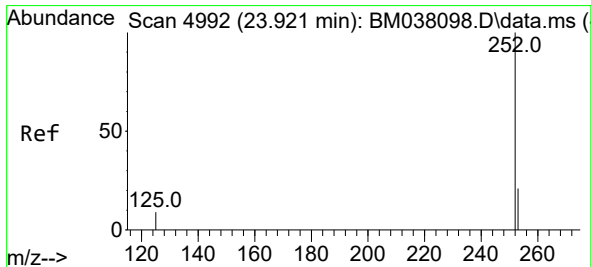
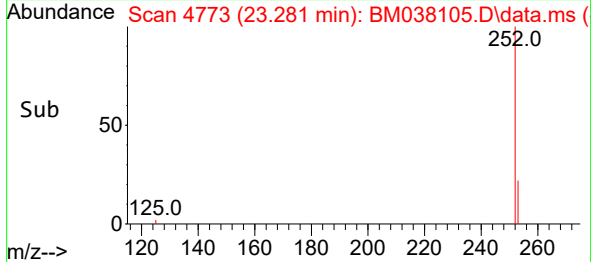
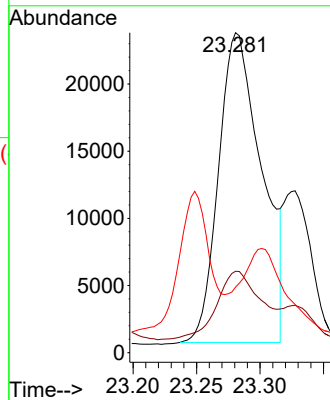
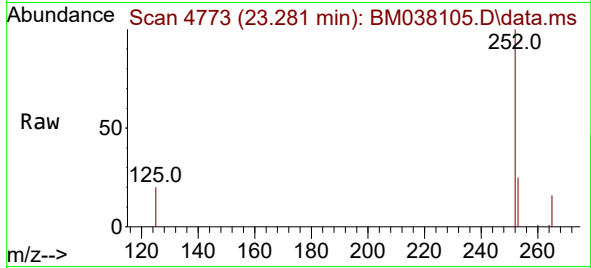




#24
Benzo(b)fluoranthene
Concen: 0.743 ng/u1
RT: 23.281 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

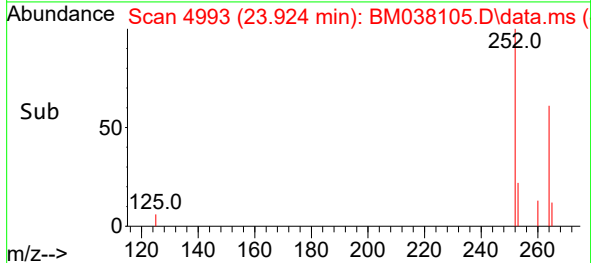
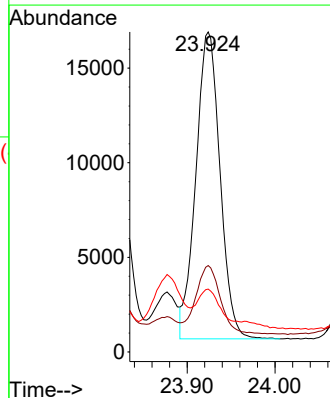
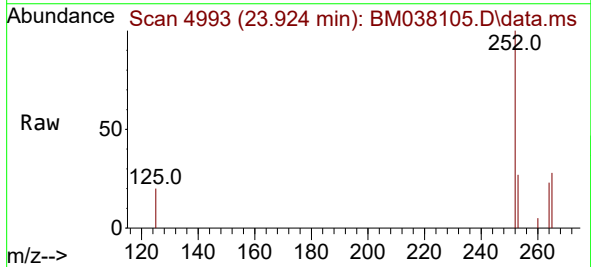
Instrument :
BNA_M
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DBXV6

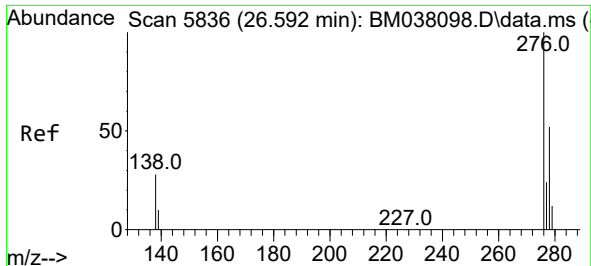
Tgt Ion:252 Resp: 54477
Ion Ratio Lower Upper
252 100
253 25.5 0.0 51.8
125 20.5 0.0 42.2



#26
Benzo(a)pyrene
Concen: 0.502 ng/u1
RT: 23.924 min Scan# 4993
Delta R.T. -0.000 min
Lab File: BM038105.D
Acq: 19 Dec 2022 16:43

Tgt Ion:252 Resp: 30998
Ion Ratio Lower Upper
252 100
253 27.0 21.9 32.9
125 19.6 20.7 31.1#

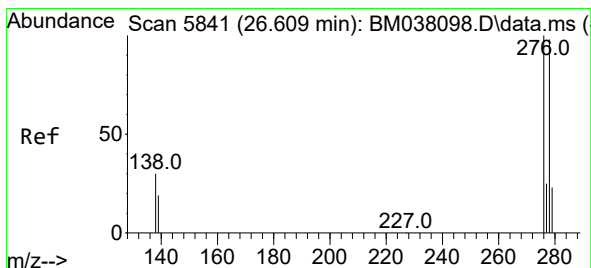
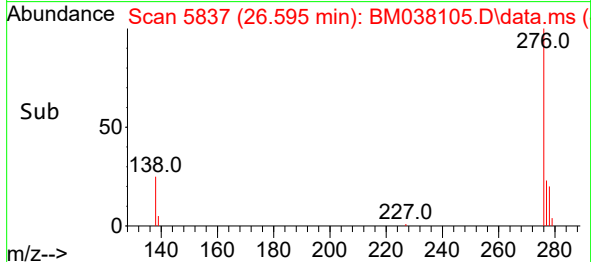
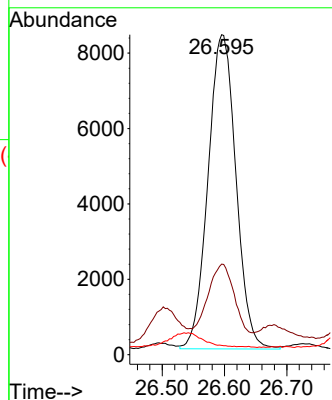
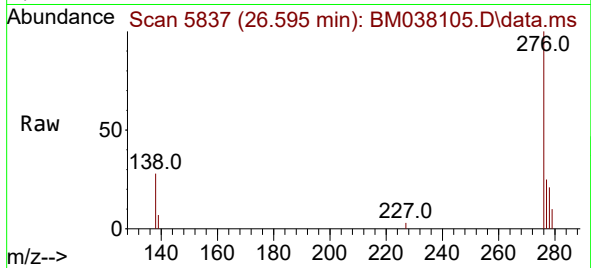




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.335 ng/ul
 RT: 26.595 min Scan# 5836
 Delta R.T. -0.003 min
 Lab File: BM038105.D
 Acq: 19 Dec 2022 16:43

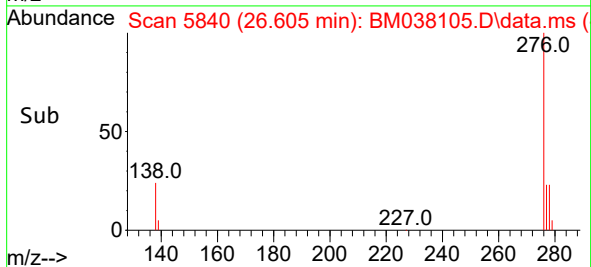
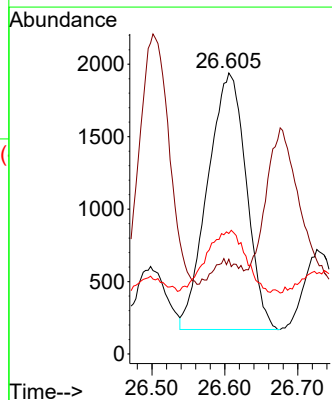
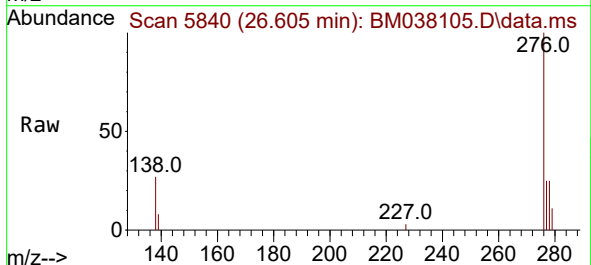
Instrument :
 BNA_M
 ClientSampleId :
 DBXV6

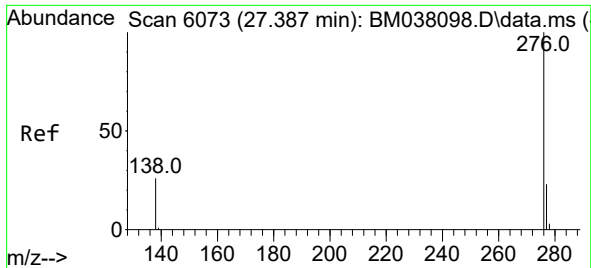
Tgt Ion:276 Resp: 25942
 Ion Ratio Lower Upper
 276 100
 138 24.6 26.6 40.0#
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.108 ng/ul
 RT: 26.605 min Scan# 5840
 Delta R.T. -0.010 min
 Lab File: BM038105.D
 Acq: 19 Dec 2022 16:43

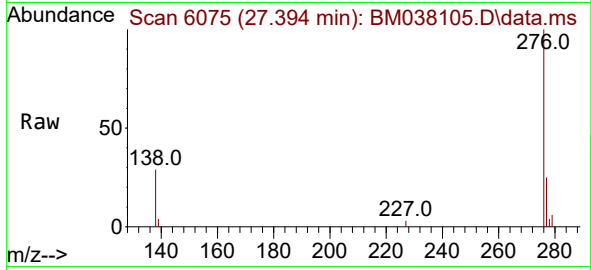
Tgt Ion:278 Resp: 6508
 Ion Ratio Lower Upper
 278 100
 139 33.7 19.0 28.6#
 279 42.9 22.4 33.6#





#29
 Benzo(g,h,i)perylene
 Concen: 0.371 ng/ul
 RT: 27.394 min Scan# 6075
 Delta R.T. -0.000 min
 Lab File: BM038105.D
 Acq: 19 Dec 2022 16:43

Instrument :
 BNA_M
 ClientSampleId :
 DBXV6



Tgt Ion:	276	Resp:	24450
Ion Ratio	Lower	Upper	
276	100		
138	29.0	24.1	36.1
277	24.6	19.0	28.6

