

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040500.D
 Acq On : 01 Jul 2023 13:02
 Operator : MA/JU
 Sample : 03161-07DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW3DL

Quant Time: Jul 01 23:47:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 01 03:00:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

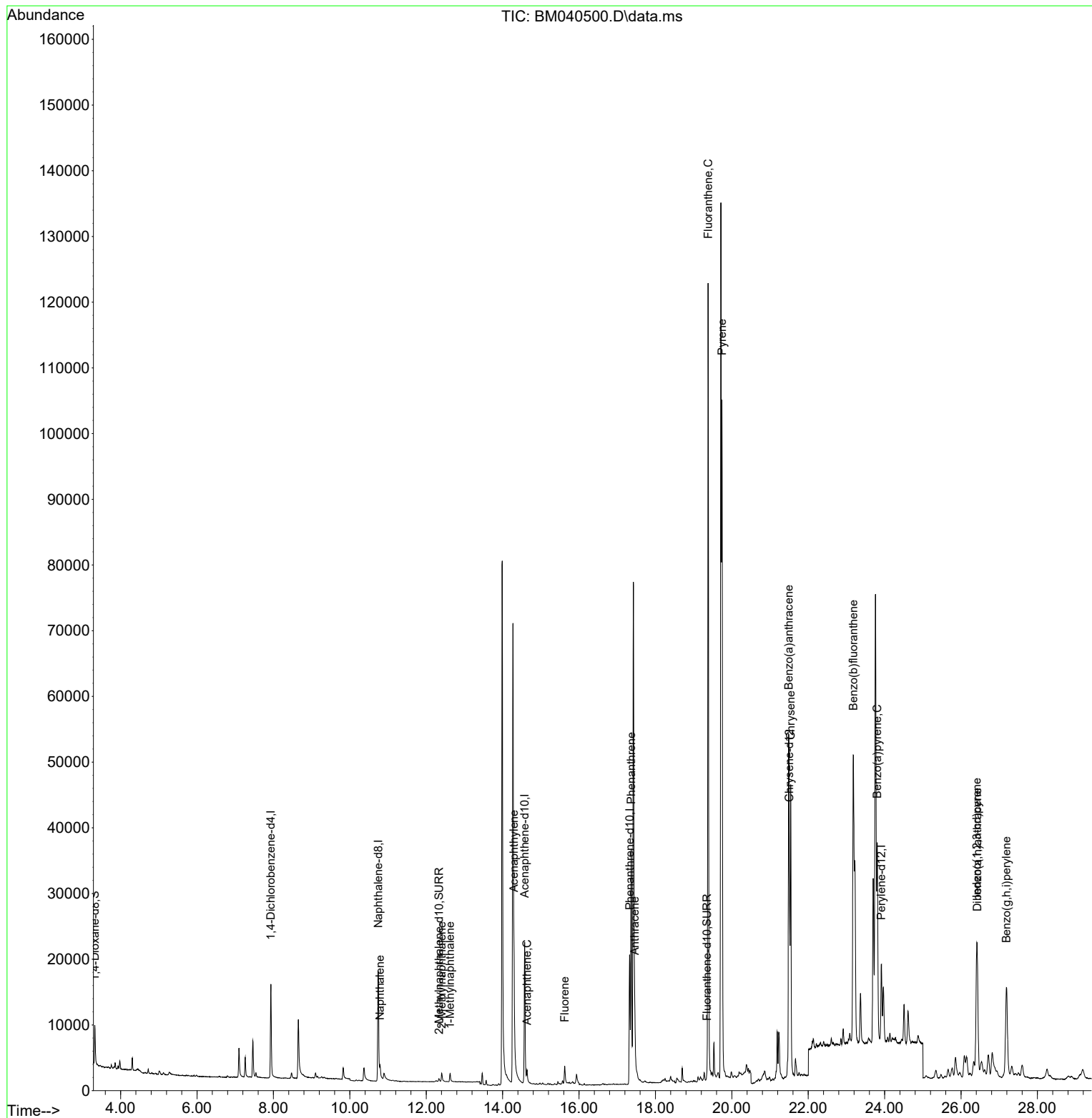
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	7938	0.400	ng/ul	0.00
4) Naphthalene-d8	10.745	136	28587	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	13772	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	27097	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	17856	0.400	ng/ul	0.00
23) Perylene-d12	23.911	264	17132	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	3772	0.303	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.334	152	930	0.023	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	1500	0.026	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.789	128	2497	0.032	ng/ul#	84
7) 2-Methylnaphthalene	12.406	142	1335	0.029	ng/ul	99
8) 1-Methylnaphthalene	12.626	142	1103	0.024	ng/ul	98
10) Acenaphthylene	14.295	152	16614	0.270	ng/ul	98
11) Acenaphthene	14.637	153	1046	0.020	ng/ul	95
12) Fluorene	15.627	166	2211	0.040	ng/ul#	96
15) Phenanthrene	17.366	178	44833	0.533	ng/ul	99
16) Anthracene	17.459	178	9683	0.137	ng/ul	95
19) Fluoranthene	19.379	202	114027	1.503	ng/ul	96
20) Pyrene	19.742	202	89865	1.105	ng/ul	99
21) Benzo(a)anthracene	21.488	228	46975	0.778	ng/ul	97
22) Chrysene	21.541	228	49588	0.720	ng/ul	97
24) Benzo(b)fluoranthene	23.183	252	77200	1.164	ng/ul	95
26) Benzo(a)pyrene	23.806	252	45109	0.755	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.414	276	37888	0.456	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.427	278	9698	0.149	ng/ul#	82
29) Benzo(g,h,i)perylene	27.188	276	33700	0.462	ng/ul	98

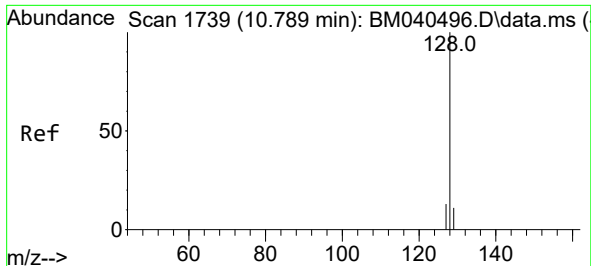
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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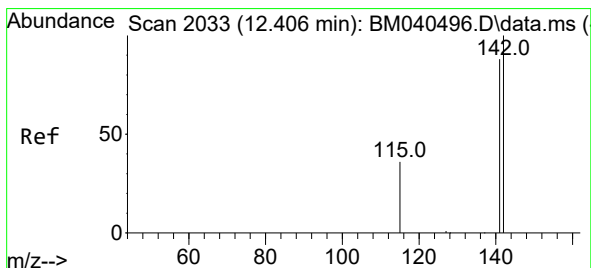
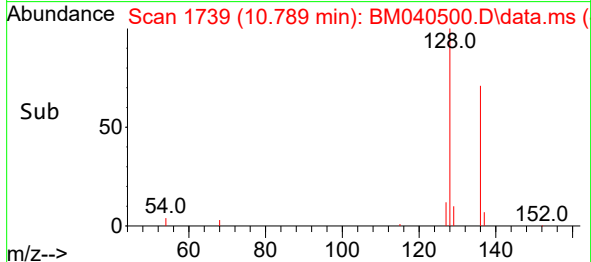
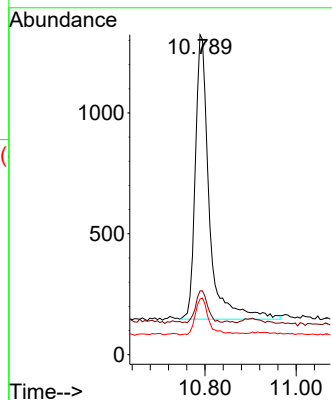
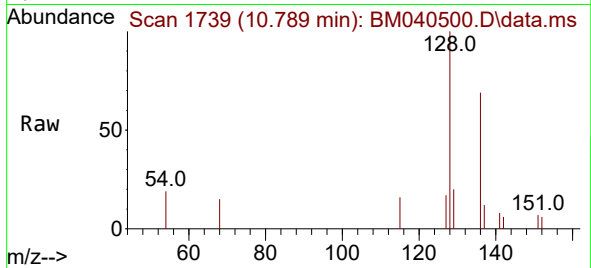




#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM040500.D
Acq: 01 Jul 2023 13:02

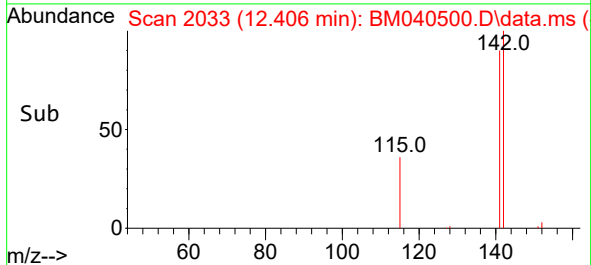
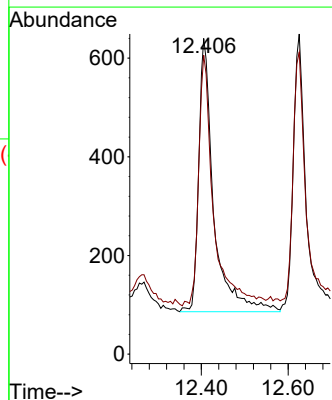
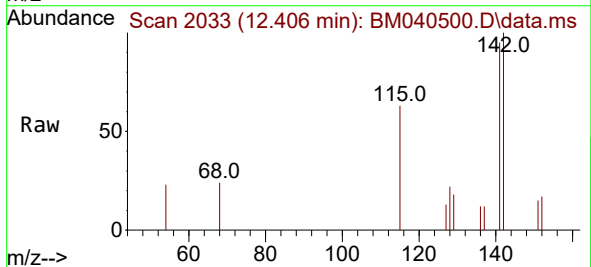
Instrument :
BNA_M
ClientSampleId :
DCF3DL

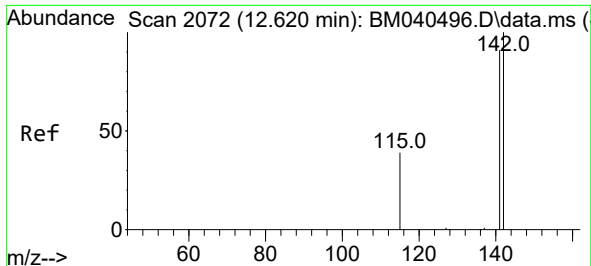
Tgt Ion:128 Resp: 2497
Ion Ratio Lower Upper
128 100
129 19.9 9.2 13.8#
127 17.4 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.406 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BM040500.D
Acq: 01 Jul 2023 13:02

Tgt Ion:142 Resp: 1335
Ion Ratio Lower Upper
142 100
141 90.6 71.9 107.9

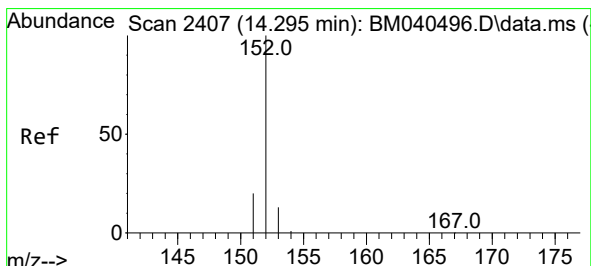
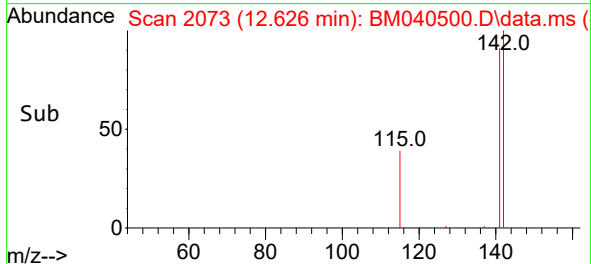
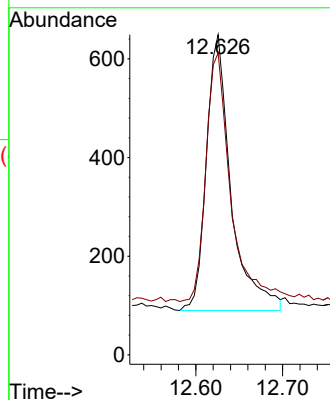
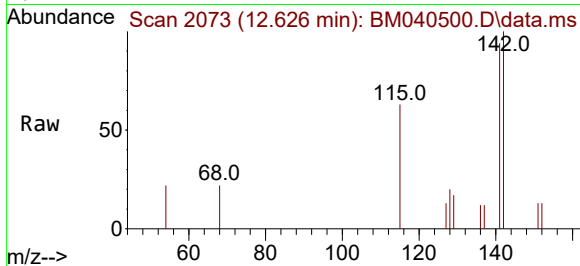




#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.626 min Scan# 2073
Delta R.T. -0.000 min
Lab File: BM040500.D
Acq: 01 Jul 2023 13:02

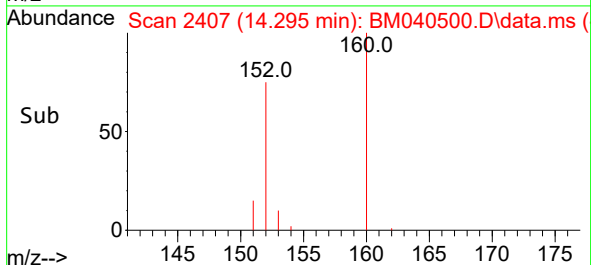
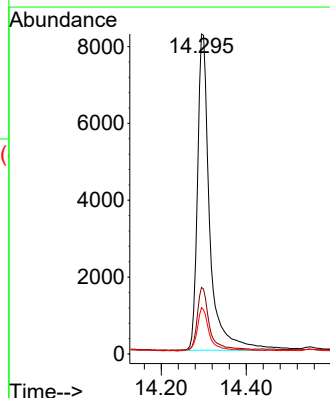
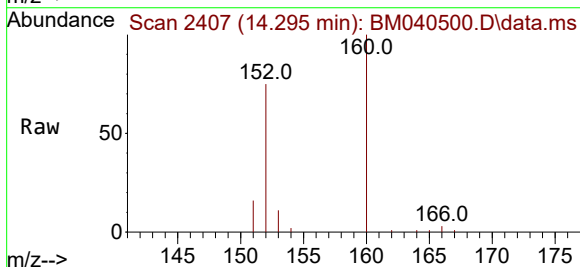
Instrument :
BNA_M
ClientSampleId :
DCFW3DL

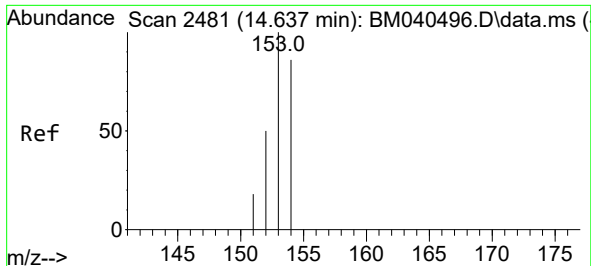
Tgt Ion:142 Resp: 1103
Ion Ratio Lower Upper
142 100
141 90.0 73.7 110.5



#10
Acenaphthylene
Concen: 0.270 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BM040500.D
Acq: 01 Jul 2023 13:02

Tgt Ion:152 Resp: 16614
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 14.5 10.9 16.3

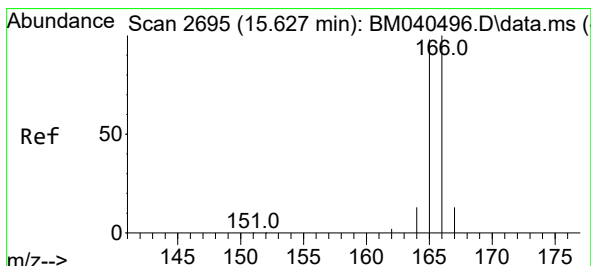
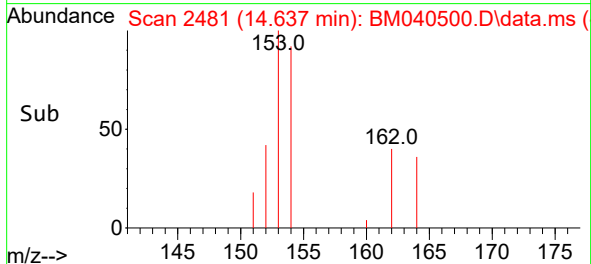
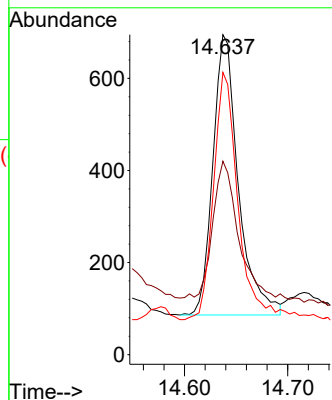
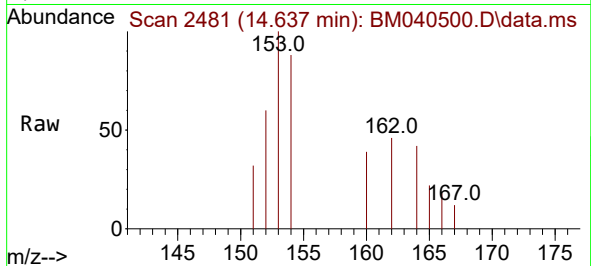




#11
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.637 min Scan# 2481
Delta R.T. -0.005 min
Lab File: BM040500.D
Acq: 01 Jul 2023 13:02

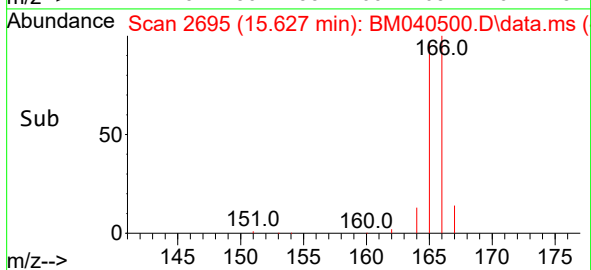
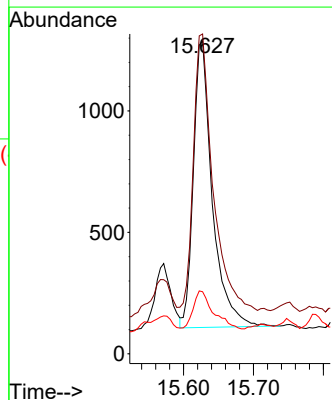
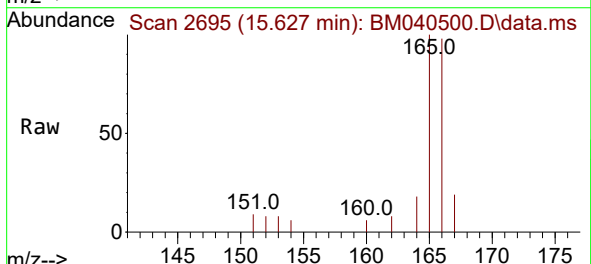
Instrument :
BNA_M
ClientSampleId :
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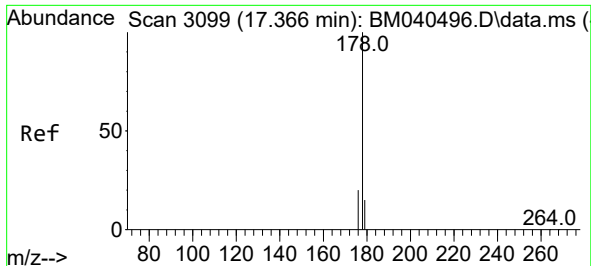
Tgt Ion:153 Resp: 1046
Ion Ratio Lower Upper
153 100
152 60.4 41.0 61.4
154 88.2 70.8 106.2



#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.627 min Scan# 2695
Delta R.T. -0.005 min
Lab File: BM040500.D
Acq: 01 Jul 2023 13:02

Tgt Ion:166 Resp: 2211
Ion Ratio Lower Upper
166 100
165 102.3 79.6 119.4
167 19.9 11.4 17.0#

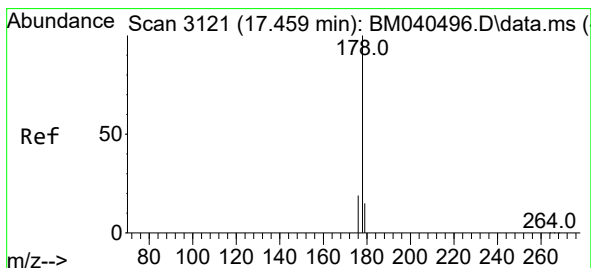
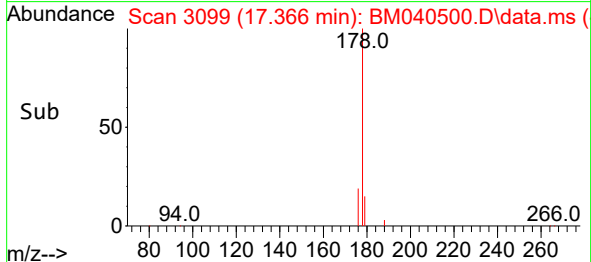
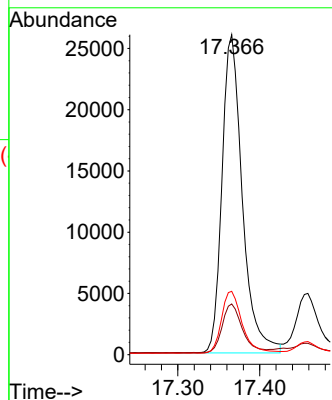
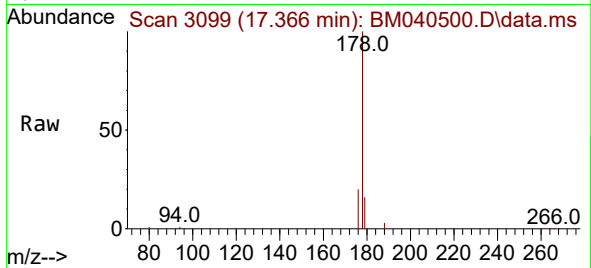




#15
Phenanthrene
Concen: 0.533 ng/ul
RT: 17.366 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BM040500.D
Acq: 01 Jul 2023 13:02

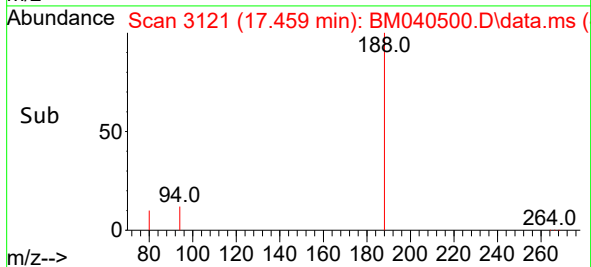
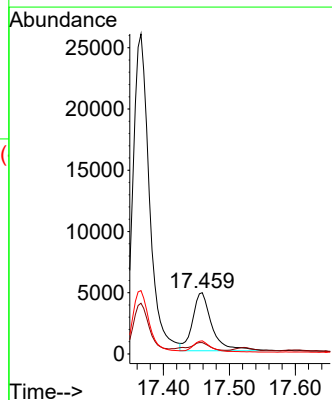
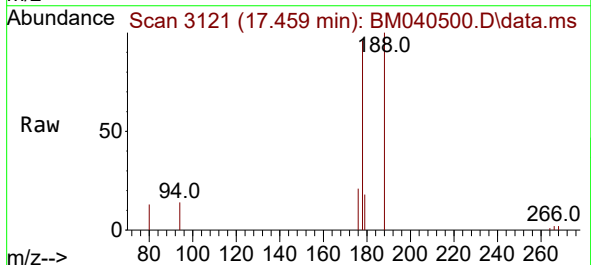
Instrument :
BNA_M
ClientSampleId :
DCF3DL

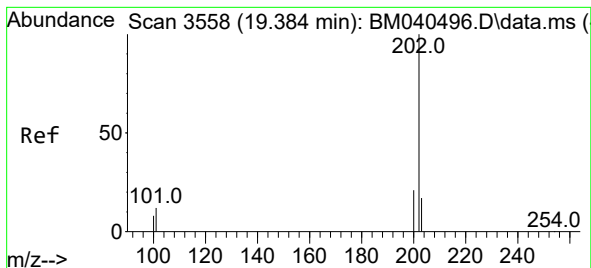
Tgt Ion:178	Resp:	44833
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.8 19.2
176	19.8	16.4 24.6



#16
Anthracene
Concen: 0.137 ng/ul
RT: 17.459 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BM040500.D
Acq: 01 Jul 2023 13:02

Tgt Ion:178	Resp:	9683
Ion Ratio	Lower	Upper
178	100	
179	18.7	12.9 19.3
176	21.4	15.8 23.6





#19

Fluoranthene

Concen: 1.503 ng/ul

RT: 19.379 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM040500.D

Acq: 01 Jul 2023 13:02

Instrument :

BNA_M

ClientSampleId :

DCF3DL

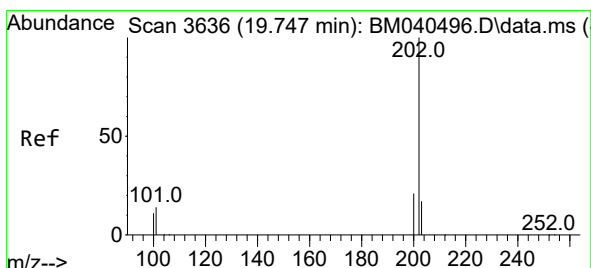
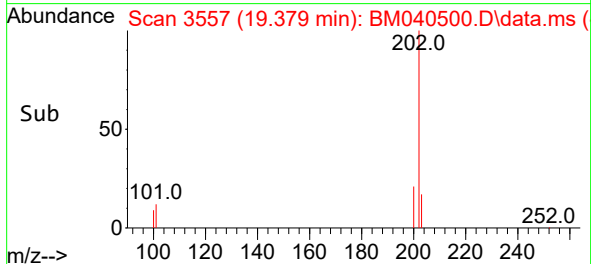
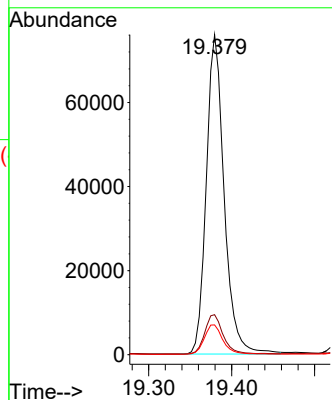
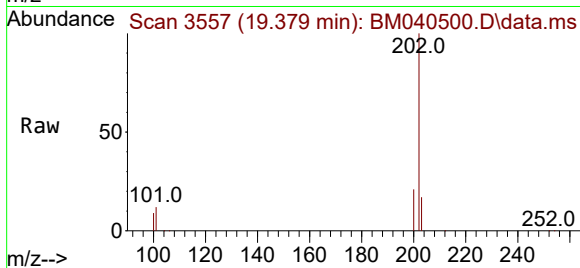
Tgt Ion:202 Resp: 114027

Ion Ratio Lower Upper

202 100

101 12.5 11.4 17.0

100 9.3 8.7 13.1



#20

Pyrene

Concen: 1.105 ng/ul

RT: 19.742 min Scan# 3635

Delta R.T. -0.005 min

Lab File: BM040500.D

Acq: 01 Jul 2023 13:02

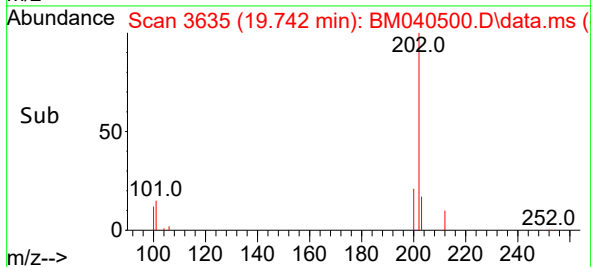
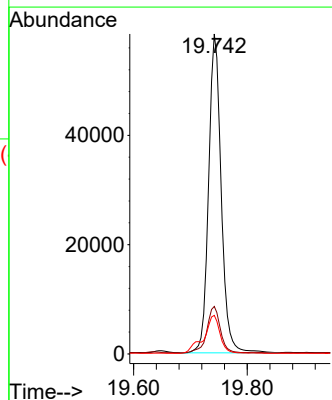
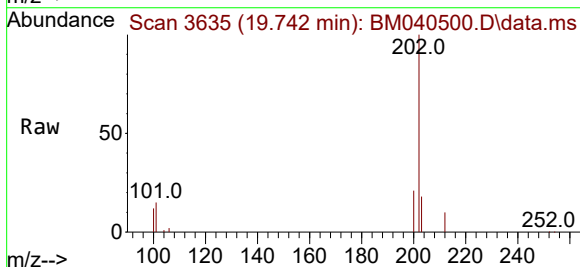
Tgt Ion:202 Resp: 89865

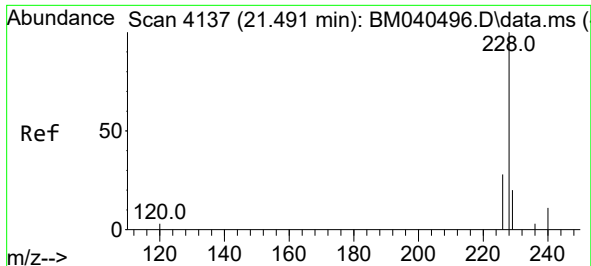
Ion Ratio Lower Upper

202 100

101 14.8 12.6 18.8

100 12.1 9.8 14.6

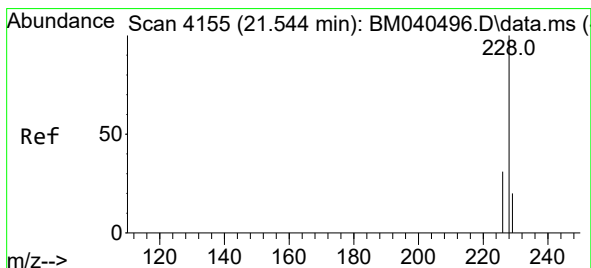
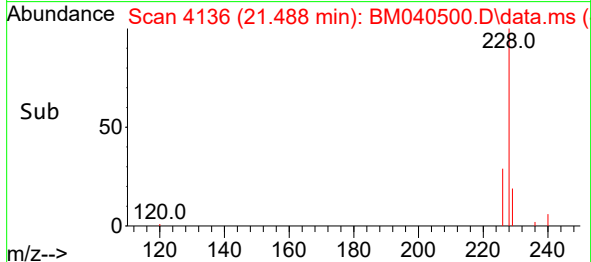
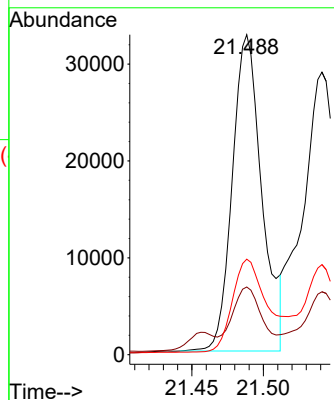
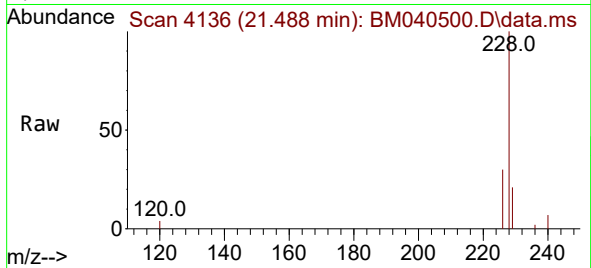




#21
Benzo(a)anthracene
Concen: 0.778 ng/ul
RT: 21.488 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040500.D
Acq: 01 Jul 2023 13:02

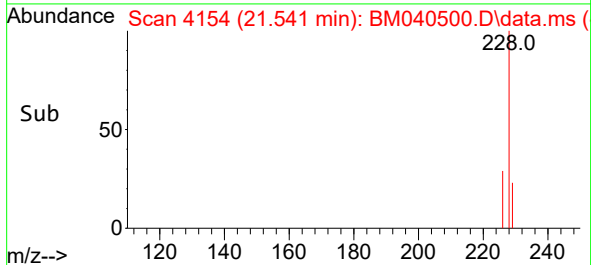
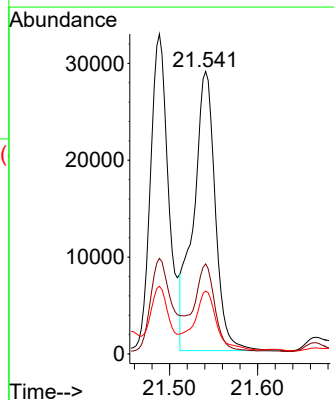
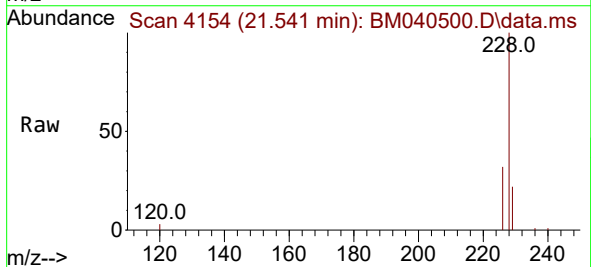
Instrument :
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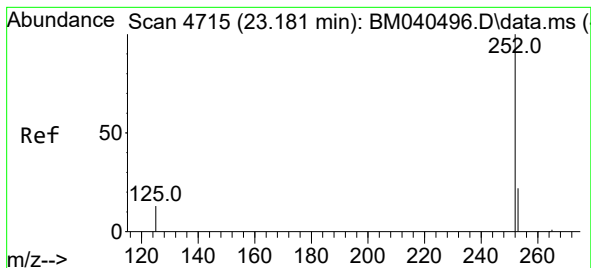
Tgt Ion:228 Resp: 46975
Ion Ratio Lower Upper
228 100
229 21.2 16.0 24.0
226 29.8 22.3 33.5



#22
Chrysene
Concen: 0.720 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040500.D
Acq: 01 Jul 2023 13:02

Tgt Ion:228 Resp: 49588
Ion Ratio Lower Upper
228 100
226 31.9 24.9 37.3
229 22.3 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 1.164 ng/ul

RT: 23.183 min Scan# 4715

Delta R.T. 0.003 min

Lab File: BM040500.D

Acq: 01 Jul 2023 13:02

Instrument :

BNA_M

ClientSampleId :

DCFW3DL

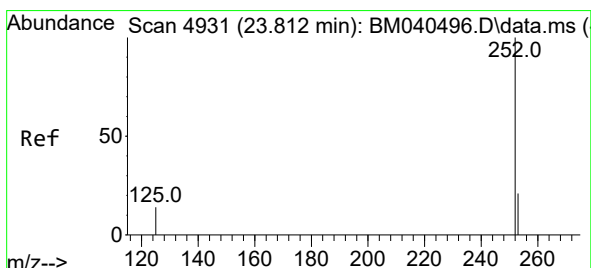
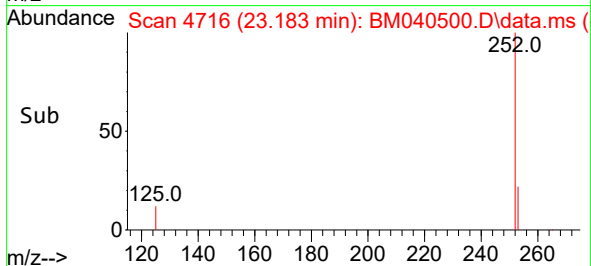
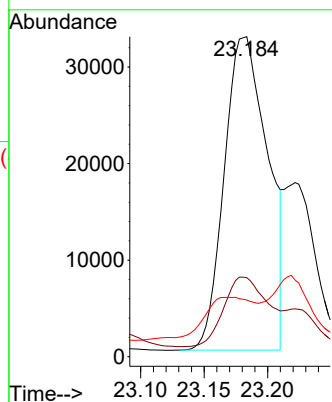
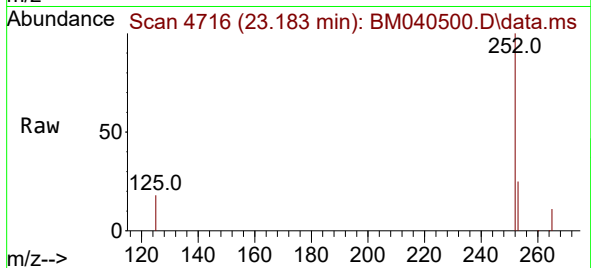
Tgt Ion:252 Resp: 77200

Ion Ratio Lower Upper

252 100

253 24.7 0.0 52.8

125 17.7 0.0 43.0



#26

Benzo(a)pyrene

Concen: 0.755 ng/ul

RT: 23.806 min Scan# 4929

Delta R.T. -0.006 min

Lab File: BM040500.D

Acq: 01 Jul 2023 13:02

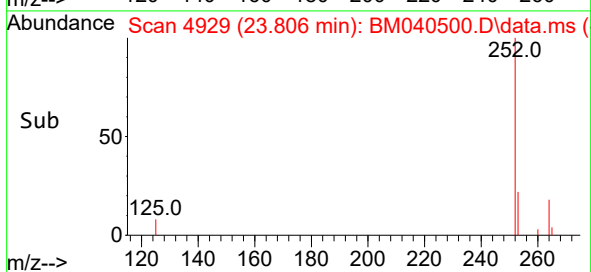
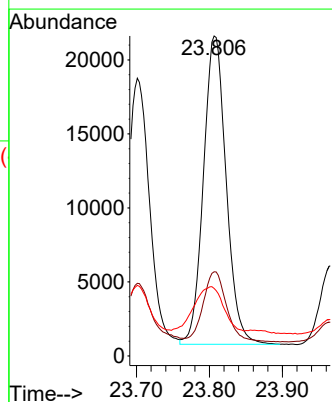
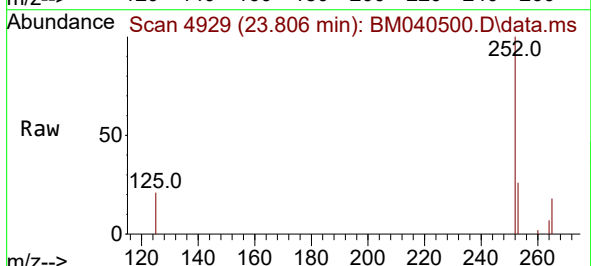
Tgt Ion:252 Resp: 45109

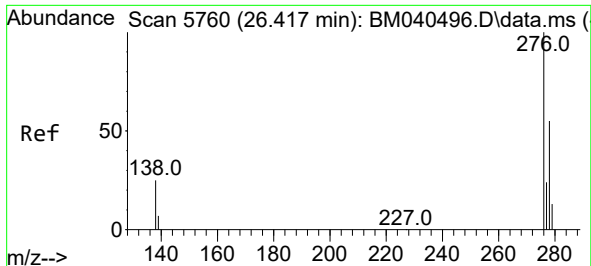
Ion Ratio Lower Upper

252 100

253 26.3 22.9 34.3

125 21.1 21.0 31.4

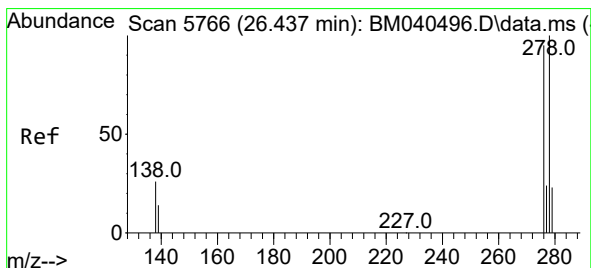
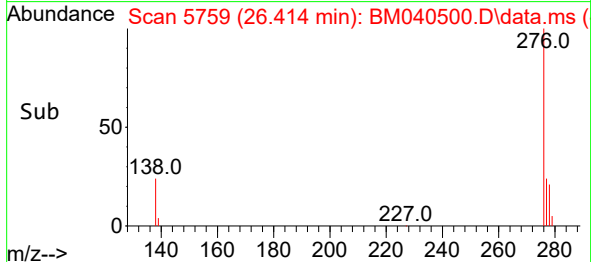
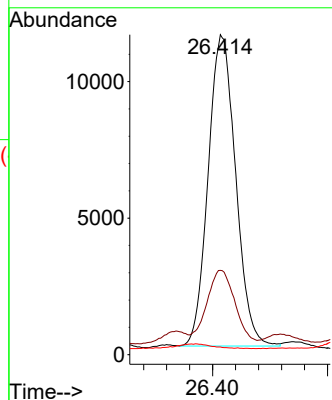
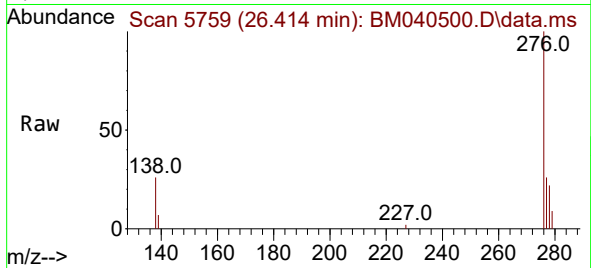




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.456 ng/ul
RT: 26.414 min Scan# 5759
Delta R.T. -0.007 min
Lab File: BM040500.D
Acq: 01 Jul 2023 13:02

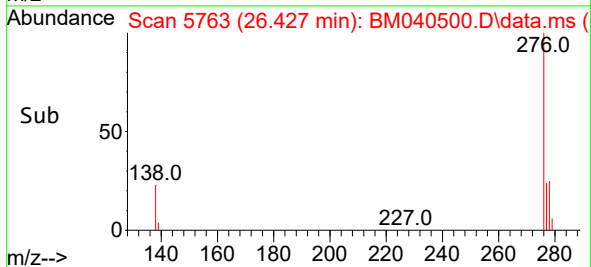
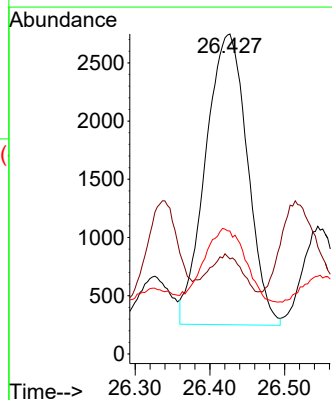
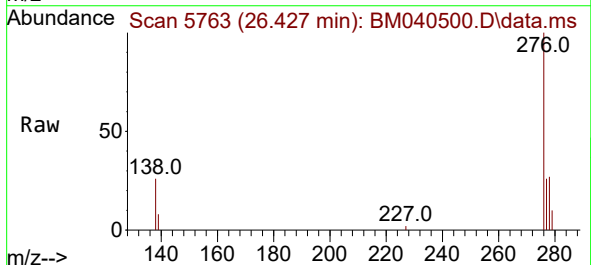
Instrument :
BNA_M
ClientSampleId :
DCF3DL

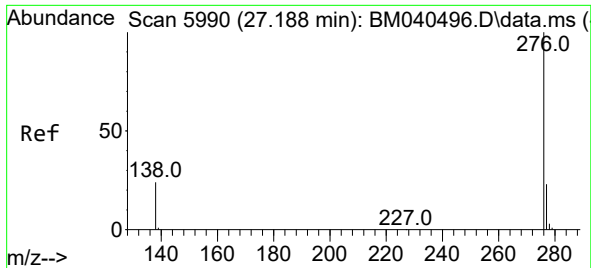
Tgt Ion:276 Resp: 37888
Ion Ratio Lower Upper
276 100
138 23.9 24.5 36.7#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.010 min
Lab File: BM040500.D
Acq: 01 Jul 2023 13:02

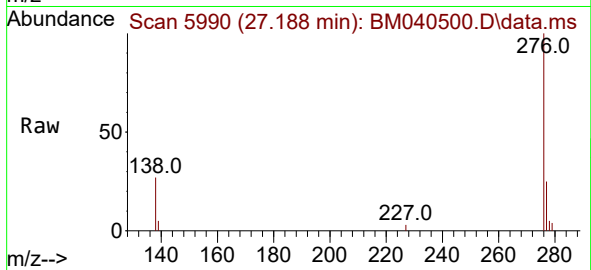
Tgt Ion:278 Resp: 9698
Ion Ratio Lower Upper
278 100
139 29.7 17.9 26.9#
279 38.4 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.462 ng/ul
 RT: 27.188 min Scan# 5990
 Delta R.T. 0.003 min
 Lab File: BM040500.D
 Acq: 01 Jul 2023 13:02

Instrument :
 BNA_M
 ClientSampleId :
 DCFW3DL



Tgt Ion:276 Resp: 33700
 Ion Ratio Lower Upper
 276 100
 138 27.2 23.0 34.6
 277 25.4 20.3 30.5

