

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040516.D
 Acq On : 01 Jul 2023 23:34
 Operator : MA/JU
 Sample : 03242-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGA0

Quant Time: Jul 02 05:16:18 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)

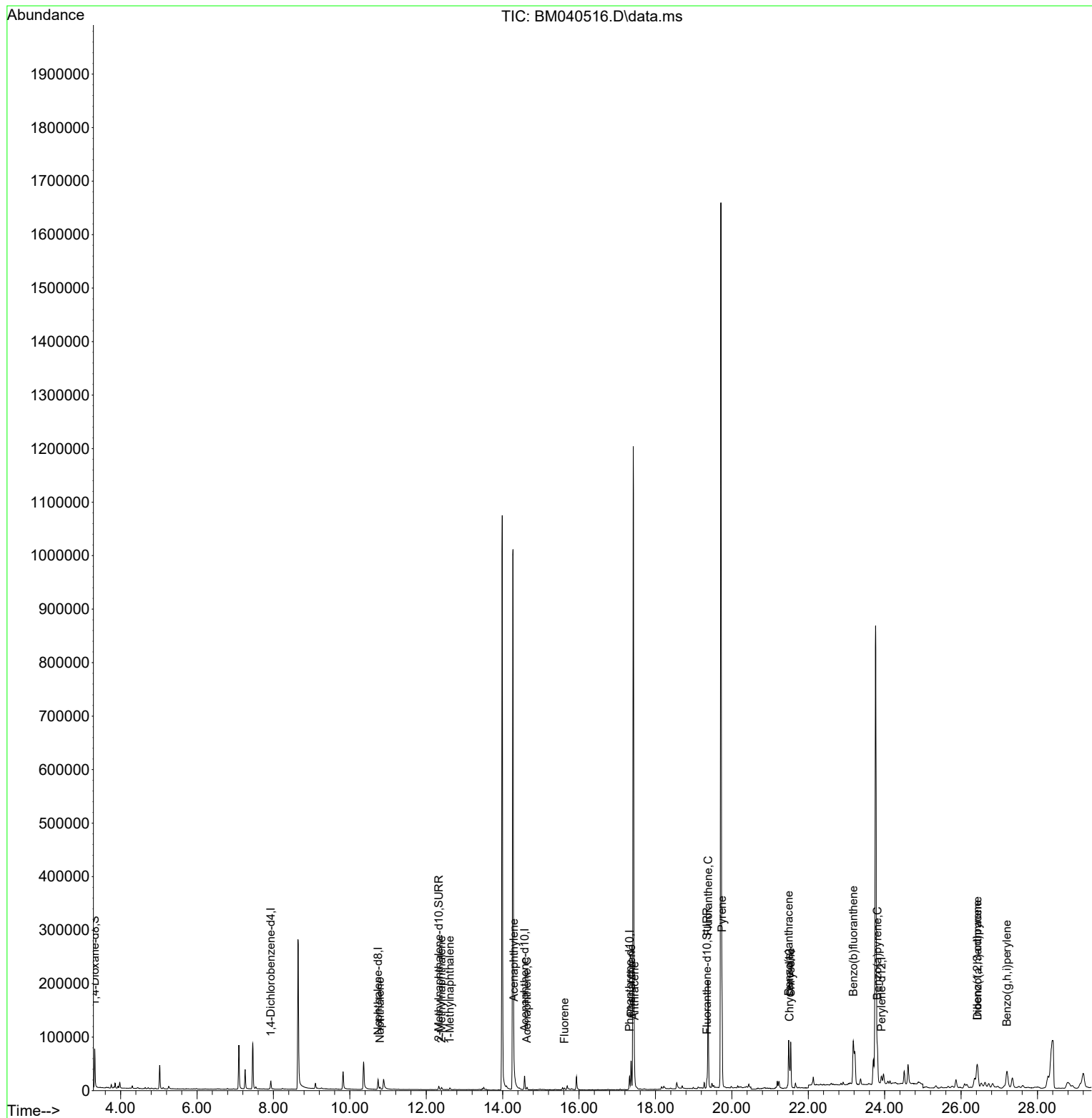
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	7630	0.400	ng/ul	0.00
4) Naphthalene-d8	10.738	136	27291	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.576	164	15115	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	31187	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	19484	0.400	ng/ul	0.00
23) Perylene-d12	23.916	264	21268	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	42476	3.544	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.327	152	9956	0.260	ng/ul	0.00
18) Fluoranthene-d10	19.346	212	19212	0.308	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.788	128	5262	0.070	ng/ul#	86
7) 2-Methylnaphthalene	12.399	142	3389	0.077	ng/ul	98
8) 1-Methylnaphthalene	12.619	142	2404	0.054	ng/ul	97
10) Acenaphthylene	14.294	152	5554	0.082	ng/ul#	88
11) Acenaphthene	14.636	153	2719	0.048	ng/ul	98
12) Fluorene	15.621	166	1959	0.032	ng/ul#	94
15) Phenanthrene	17.365	178	60336	0.623	ng/ul	99
16) Anthracene	17.453	178	7929	0.097	ng/ul#	94
19) Fluoranthene	19.378	202	175511	2.121	ng/ul	97
20) Pyrene	19.741	202	139865	1.576	ng/ul	99
21) Benzo(a)anthracene	21.487	228	80362	1.219	ng/ul	97
22) Chrysene	21.540	228	92109	1.225	ng/ul	97
24) Benzo(b)fluoranthene	23.179	252	145126	1.763	ng/ul	95
26) Benzo(a)pyrene	23.808	252	92287	1.245	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.422	276	86053	0.833	ng/ul#	44
28) Dibenzo(a,h)anthracene	26.429	278	21037	0.260	ng/ul#	78
29) Benzo(g,h,i)perylene	27.200	276	78789	0.871	ng/ul	99

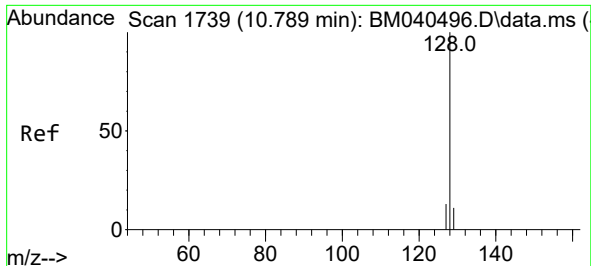
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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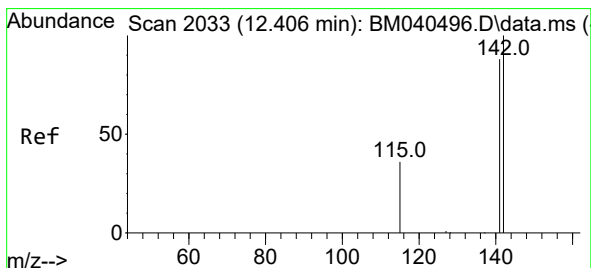
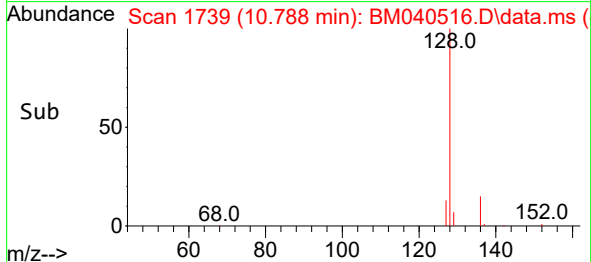
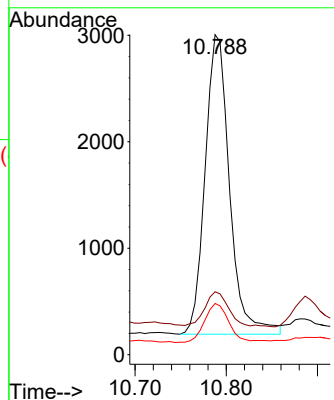
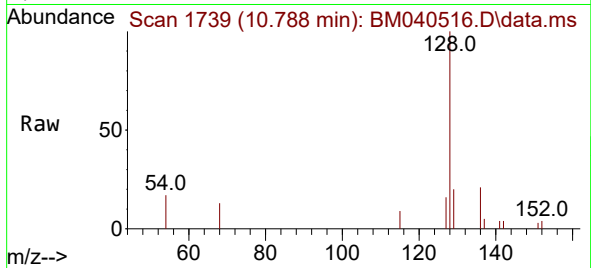




#5
Naphthalene
Concen: 0.070 ng/ul
RT: 10.788 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BM040516.D
Acq: 01 Jul 2023 23:34

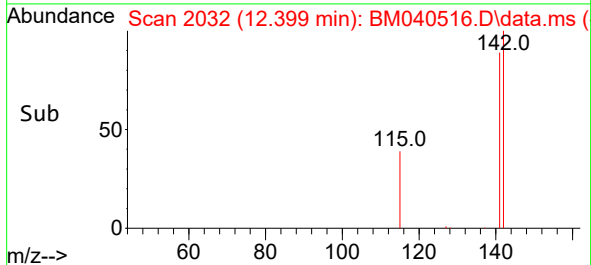
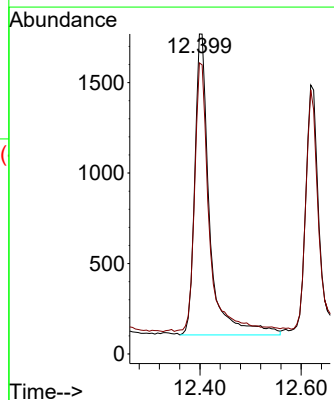
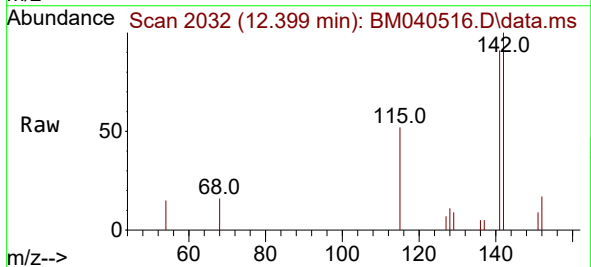
Instrument :
BNA_M
ClientSampleId :
DCGA0

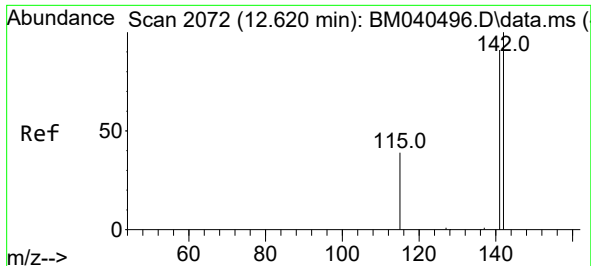
Tgt Ion:128 Resp: 5262
Ion Ratio Lower Upper
128 100
129 19.7 9.2 13.8#
127 16.0 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.077 ng/ul
RT: 12.399 min Scan# 2032
Delta R.T. -0.007 min
Lab File: BM040516.D
Acq: 01 Jul 2023 23:34

Tgt Ion:142 Resp: 3389
Ion Ratio Lower Upper
142 100
141 88.4 71.9 107.9

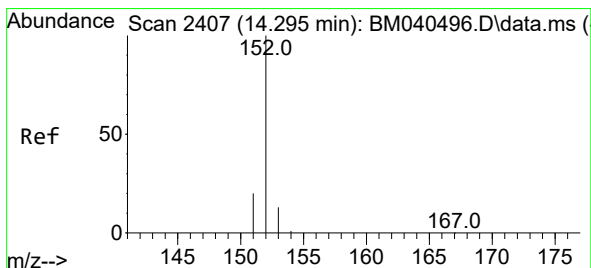
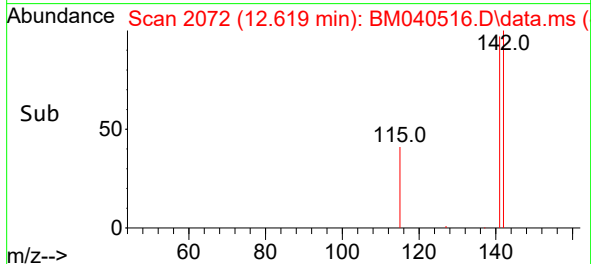
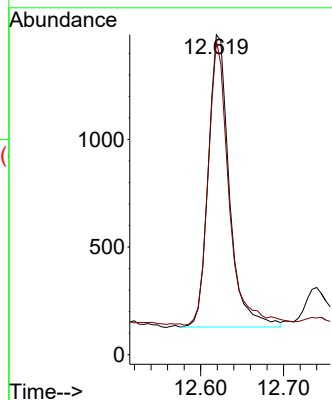
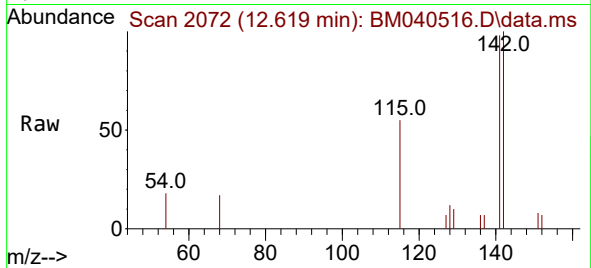




#8
1-Methylnaphthalene
Concen: 0.054 ng/ul
RT: 12.619 min Scan# 2072
Delta R.T. -0.007 min
Lab File: BM040516.D
Acq: 01 Jul 2023 23:34

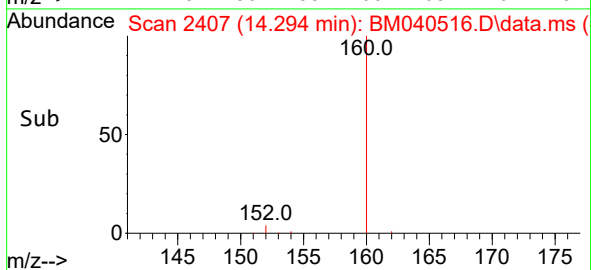
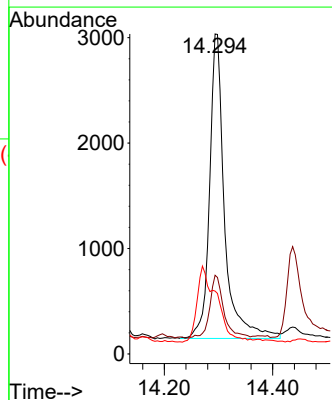
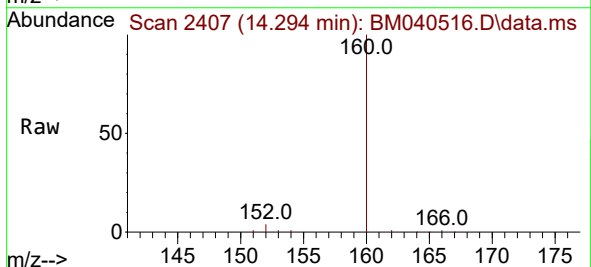
Instrument :
BNA_M
ClientSampleId :
DCGA0

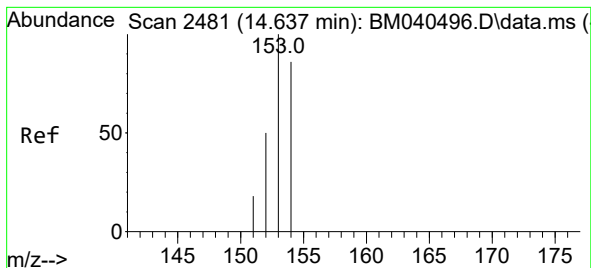
Tgt Ion:142 Resp: 2404
Ion Ratio Lower Upper
142 100
141 95.2 73.7 110.5



#10
Acenaphthylene
Concen: 0.082 ng/ul
RT: 14.294 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM040516.D
Acq: 01 Jul 2023 23:34

Tgt Ion:152 Resp: 5554
Ion Ratio Lower Upper
152 100
151 24.6 16.2 24.2#
153 19.7 10.9 16.3#





#11

Acenaphthene

Concen: 0.048 ng/ul

RT: 14.636 min Scan# 2481

Delta R.T. -0.006 min

Lab File: BM040516.D

Acq: 01 Jul 2023 23:34

Instrument :

BNA_M

ClientSampleId :

DCGA0

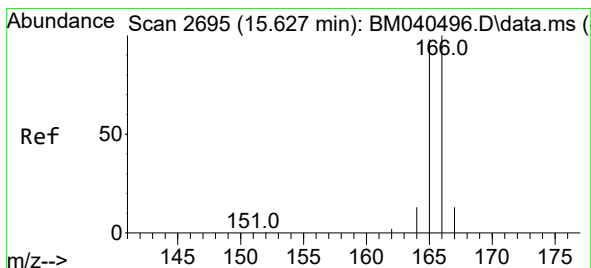
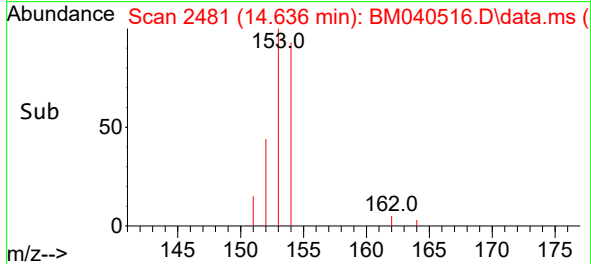
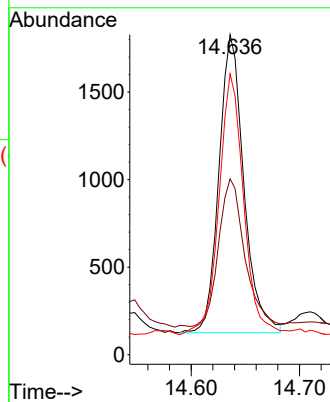
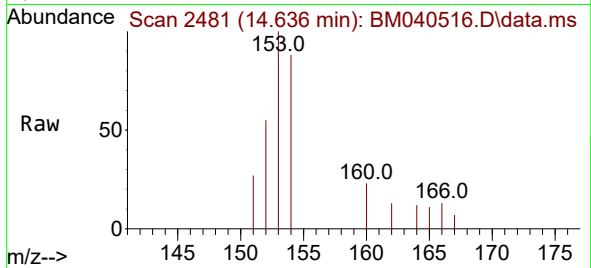
Tgt Ion:153 Resp: 2719

Ion Ratio Lower Upper

153 100

152 54.9 41.0 61.4

154 87.8 70.8 106.2



#12

Fluorene

Concen: 0.032 ng/ul

RT: 15.621 min Scan# 2694

Delta R.T. -0.011 min

Lab File: BM040516.D

Acq: 01 Jul 2023 23:34

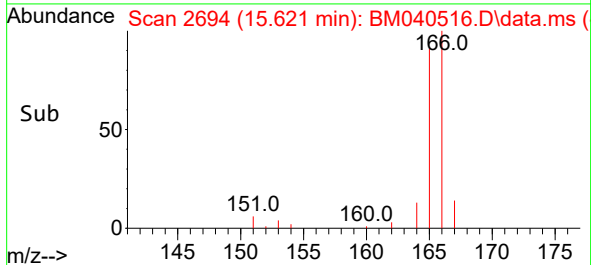
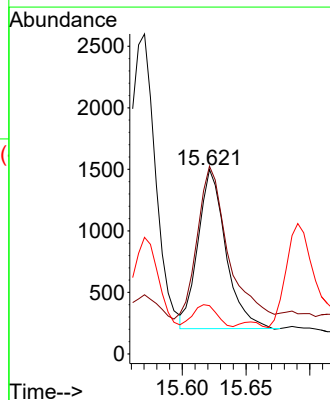
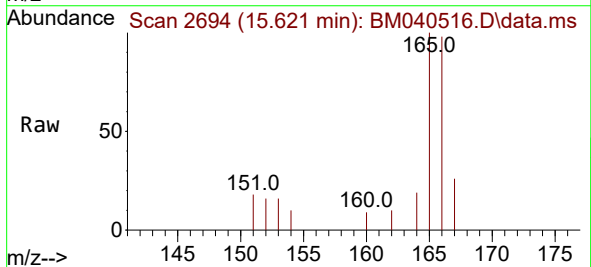
Tgt Ion:166 Resp: 1959

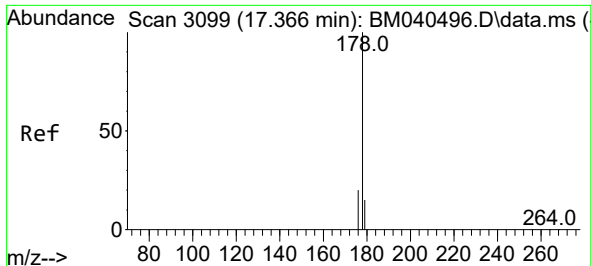
Ion Ratio Lower Upper

166 100

165 101.8 79.6 119.4

167 26.2 11.4 17.0#

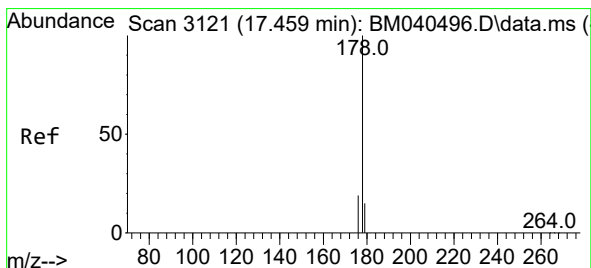
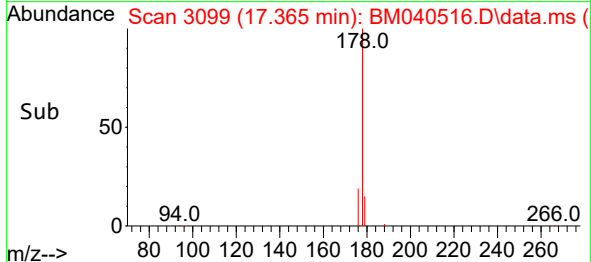
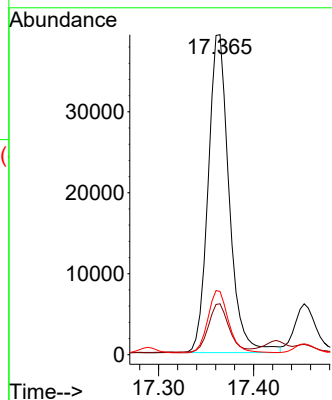
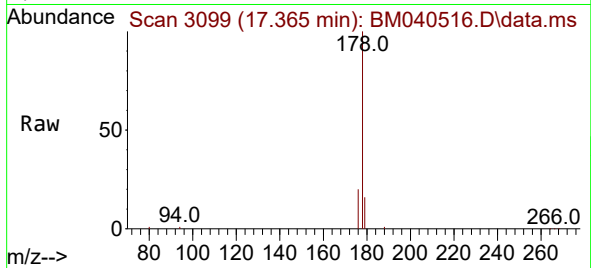




#15
Phenanthrene
Concen: 0.623 ng/ul
RT: 17.365 min Scan# 3099
Delta R.T. -0.005 min
Lab File: BM040516.D
Acq: 01 Jul 2023 23:34

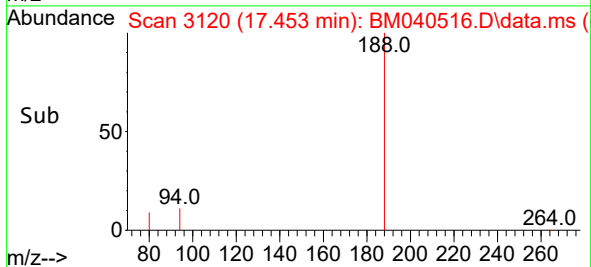
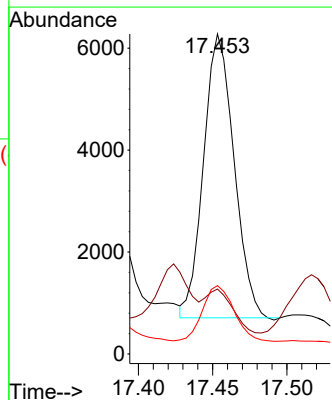
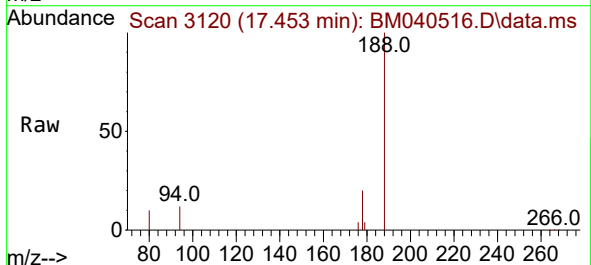
Instrument :
BNA_M
ClientSampleId :
DCGA0

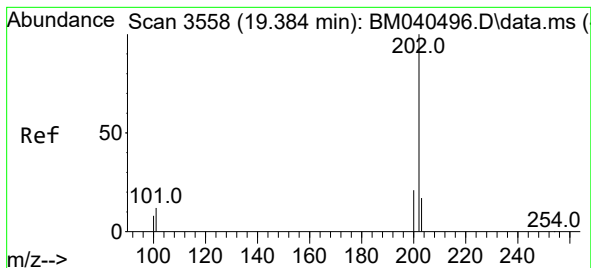
Tgt Ion:178 Resp: 60336
Ion Ratio Lower Upper
178 100
179 15.9 12.8 19.2
176 19.8 16.4 24.6



#16
Anthracene
Concen: 0.097 ng/ul
RT: 17.453 min Scan# 3120
Delta R.T. -0.010 min
Lab File: BM040516.D
Acq: 01 Jul 2023 23:34

Tgt Ion:178 Resp: 7929
Ion Ratio Lower Upper
178 100
179 20.3 12.9 19.3#
176 21.4 15.8 23.6





#19

Fluoranthene

Concen: 2.121 ng/ul

RT: 19.378 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM040516.D

Acq: 01 Jul 2023 23:34

Instrument :

BNA_M

ClientSampleId :

DCGA0

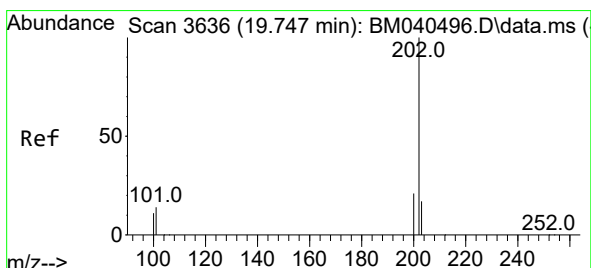
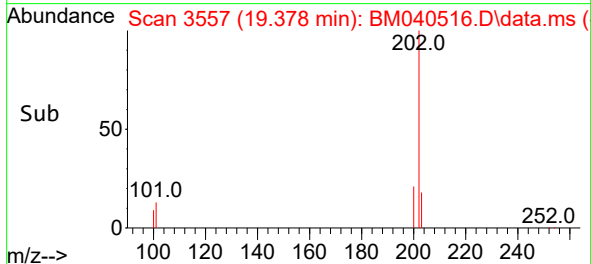
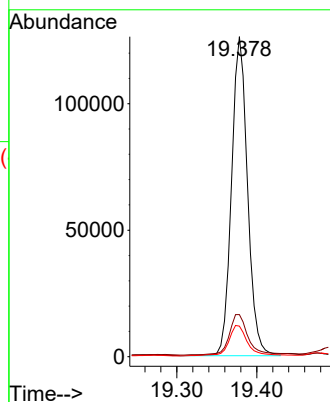
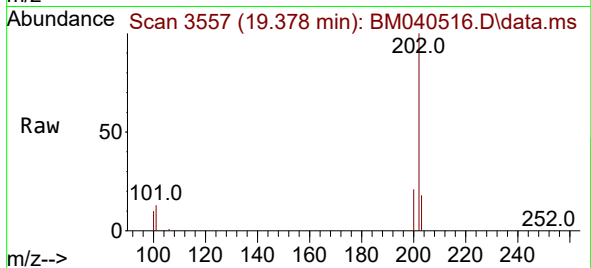
Tgt Ion:202 Resp: 175511

Ion Ratio Lower Upper

202 100

101 13.1 11.4 17.0

100 9.6 8.7 13.1



#20

Pyrene

Concen: 1.576 ng/ul

RT: 19.741 min Scan# 3635

Delta R.T. -0.006 min

Lab File: BM040516.D

Acq: 01 Jul 2023 23:34

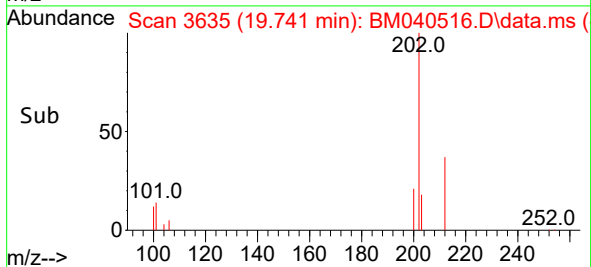
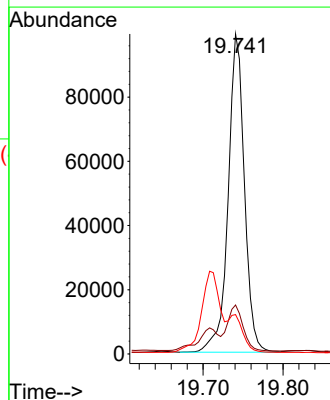
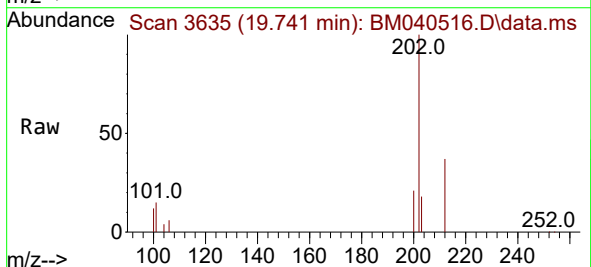
Tgt Ion:202 Resp: 139865

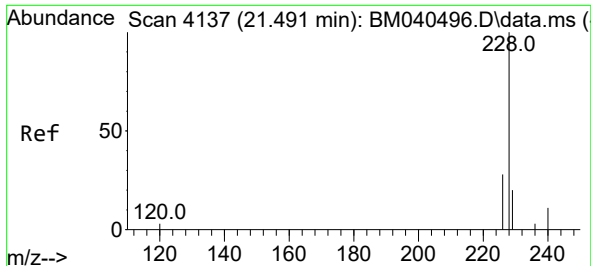
Ion Ratio Lower Upper

202 100

101 15.3 12.6 18.8

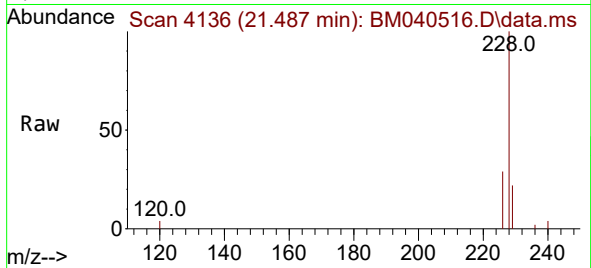
100 12.3 9.8 14.6



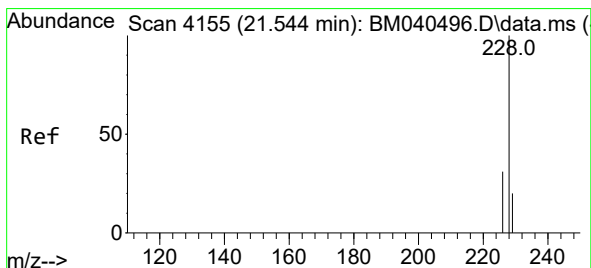
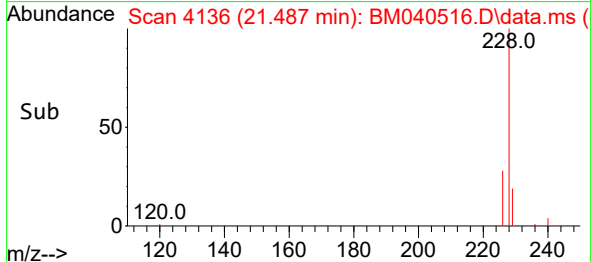
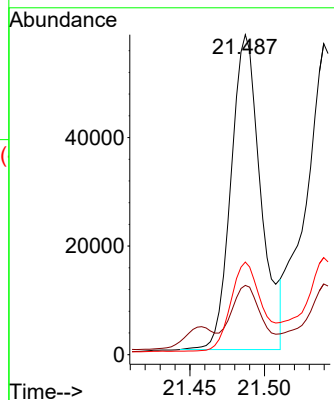


#21
Benzo(a)anthracene
Concen: 1.219 ng/ul
RT: 21.487 min Scan# 4136
Delta R.T. -0.004 min
Lab File: BM040516.D
Acq: 01 Jul 2023 23:34

Instrument :
BNA_M
ClientSampleId :
DCGA0

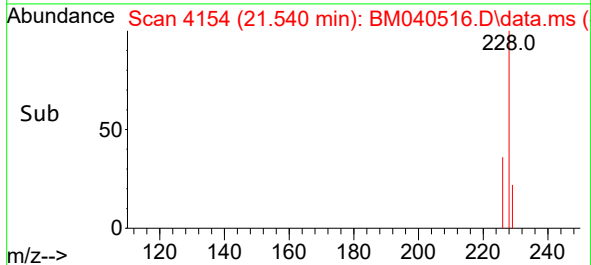
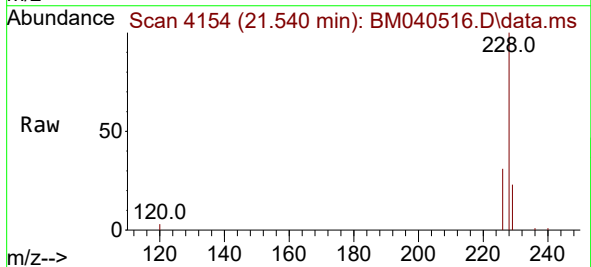
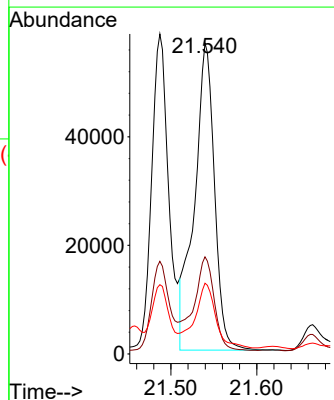


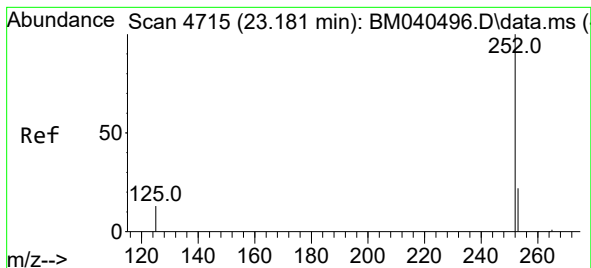
Tgt Ion:228 Resp: 80362
Ion Ratio Lower Upper
228 100
229 21.7 16.0 24.0
226 29.0 22.3 33.5



#22
Chrysene
Concen: 1.225 ng/ul
RT: 21.540 min Scan# 4154
Delta R.T. -0.004 min
Lab File: BM040516.D
Acq: 01 Jul 2023 23:34

Tgt Ion:228 Resp: 92109
Ion Ratio Lower Upper
228 100
226 31.3 24.9 37.3
229 22.7 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 1.763 ng/ul

RT: 23.179 min Scan# 4715

Delta R.T. -0.001 min

Lab File: BM040516.D

Acq: 01 Jul 2023 23:34

Instrument :

BNA_M

ClientSampleId :

DCGA0

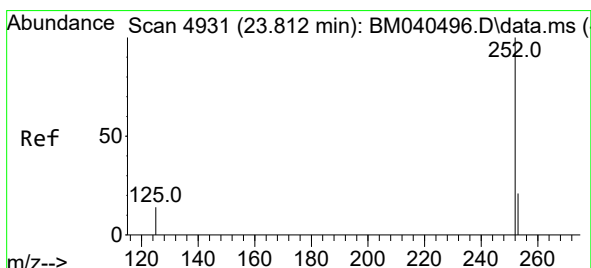
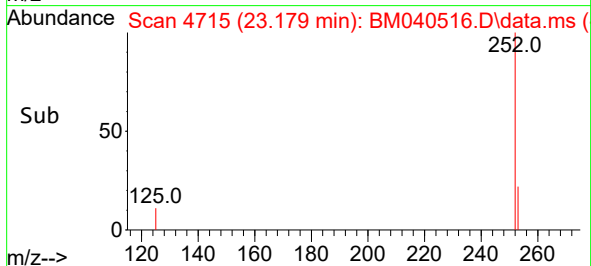
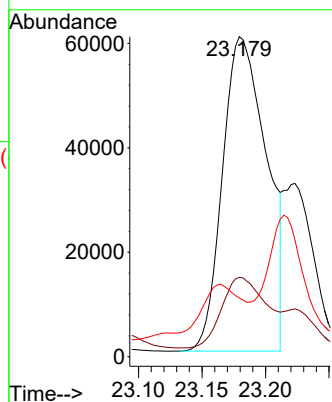
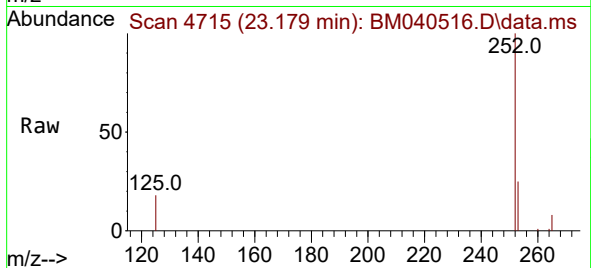
Tgt Ion:252 Resp: 145126

Ion Ratio Lower Upper

252 100

253 24.8 0.0 52.8

125 18.3 0.0 43.0



#26

Benzo(a)pyrene

Concen: 1.245 ng/ul

RT: 23.808 min Scan# 4930

Delta R.T. -0.004 min

Lab File: BM040516.D

Acq: 01 Jul 2023 23:34

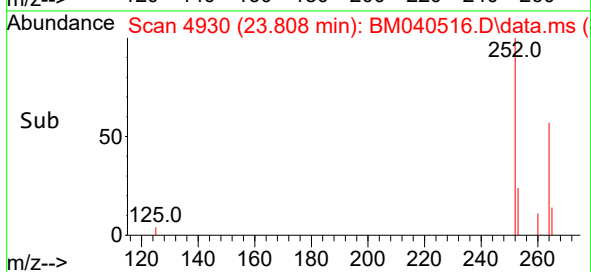
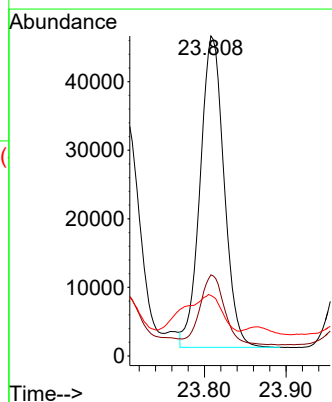
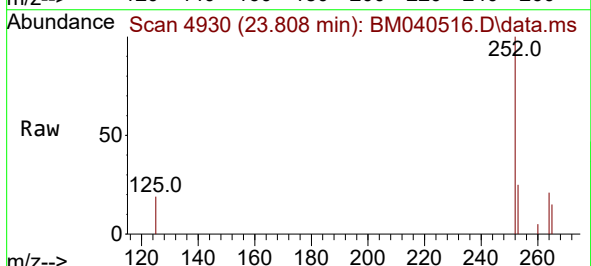
Tgt Ion:252 Resp: 92287

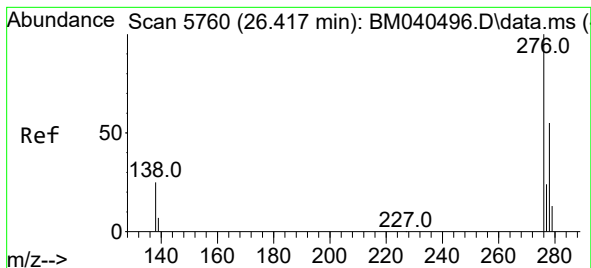
Ion Ratio Lower Upper

252 100

253 25.4 22.9 34.3

125 18.9 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.833 ng/ul

RT: 26.422 min Scan# 5

Delta R.T. 0.002 min

Lab File: BM040516.D

Acq: 01 Jul 2023 23:34

Instrument :

BNA_M

ClientSampleId :

DCGA0

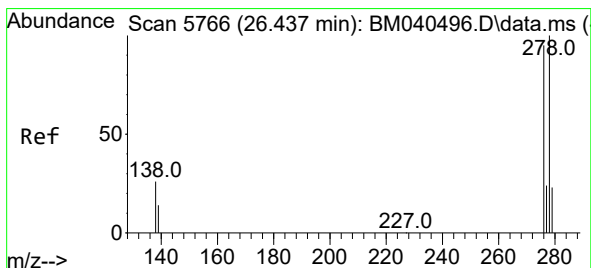
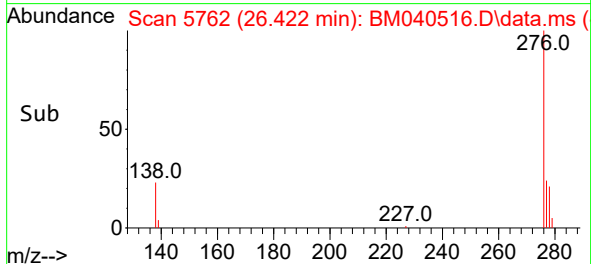
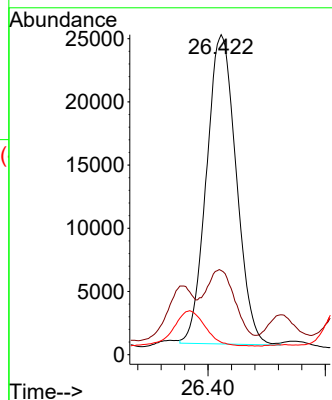
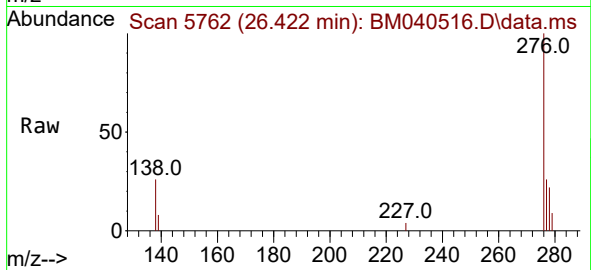
Tgt Ion:276 Resp: 86053

Ion Ratio Lower Upper

276 100

138 0.0 24.5 36.7#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.260 ng/ul

RT: 26.429 min Scan# 5764

Delta R.T. -0.008 min

Lab File: BM040516.D

Acq: 01 Jul 2023 23:34

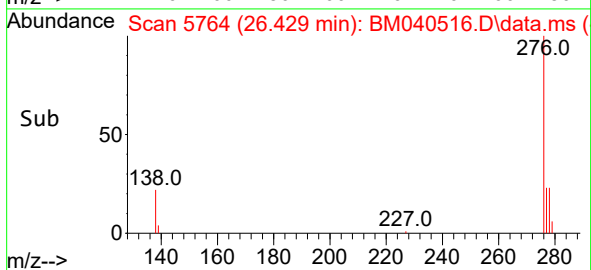
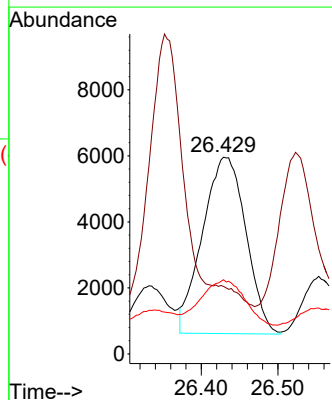
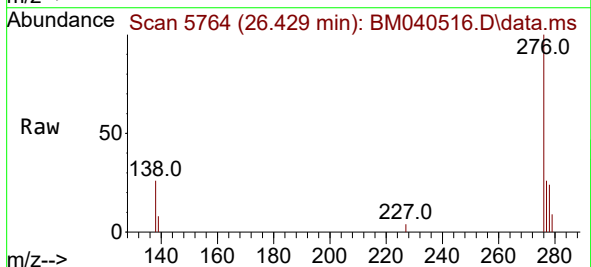
Tgt Ion:278 Resp: 21037

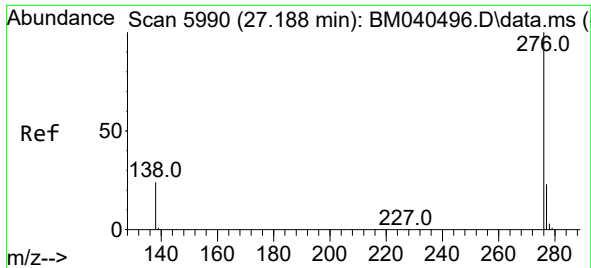
Ion Ratio Lower Upper

278 100

139 34.3 17.9 26.9#

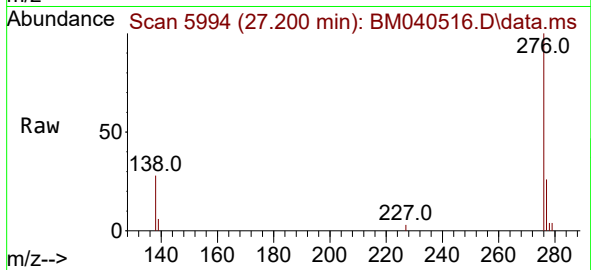
279 37.7 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.871 ng/ul
RT: 27.200 min Scan# 5994
Delta R.T. 0.015 min
Lab File: BM040516.D
Acq: 01 Jul 2023 23:34

Instrument :
BNA_M
ClientSampleId :
DCGA0



Tgt Ion:276 Resp: 78789
Ion Ratio Lower Upper
276 100
138 27.8 23.0 34.6
277 25.7 20.3 30.5

