

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
 Data File : BM041696.D
 Acq On : 07 Sep 2023 15:46
 Operator : MA/JU
 Sample : 04113-16DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EYZJ2DL

Quant Time: Sep 08 02:53:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 06 02:20:07 2023
 Response via : Initial Calibration

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

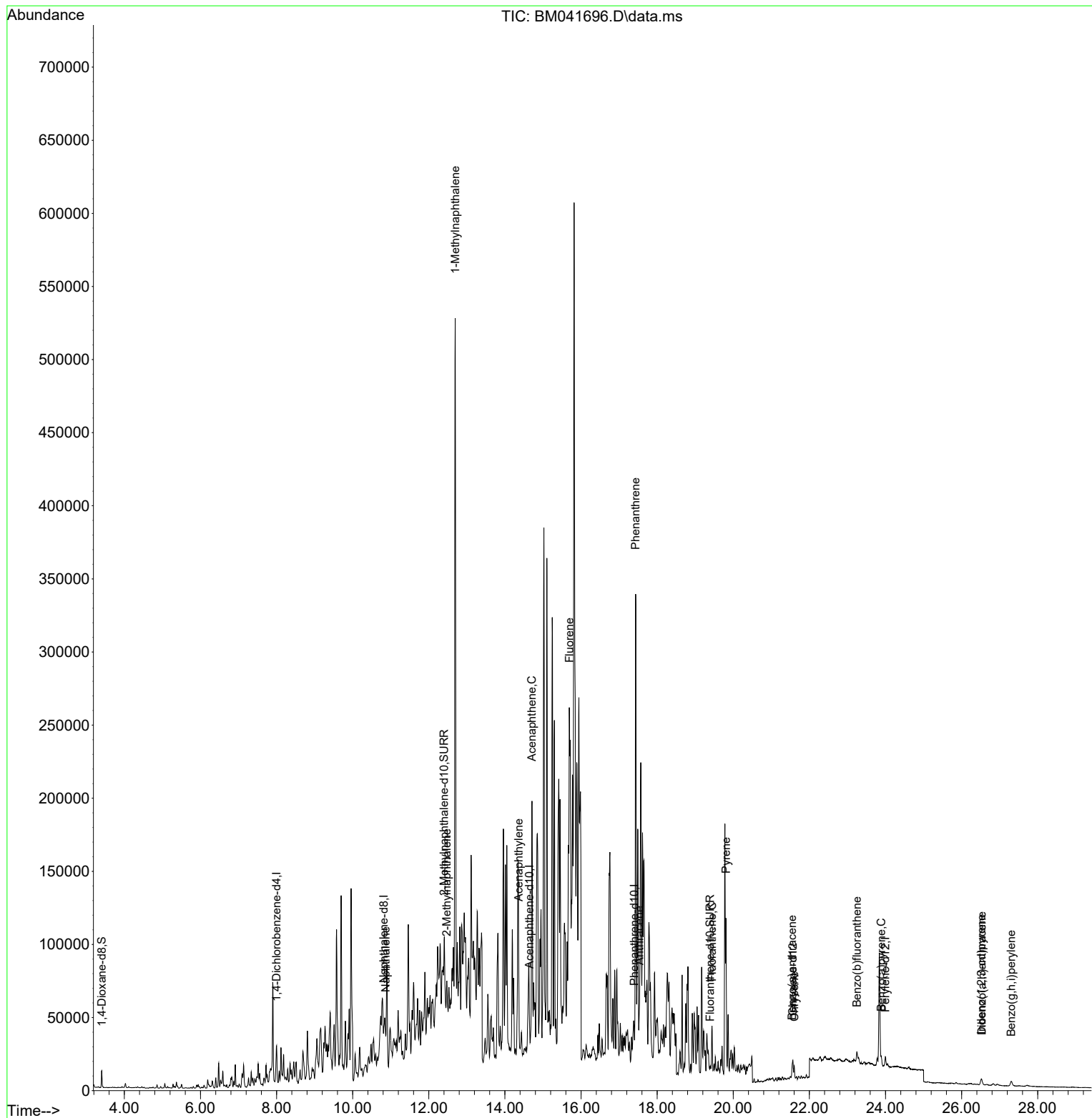
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.001	152	5648	0.400	ng/ul	0.00
4) Naphthalene-d8	10.819	136	15005	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.644	164	10257	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.397	188	13790	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.566	240	7408	0.400	ng/ul	# 0.00
23) Perylene-d12	23.998	264	8982	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	6515	0.755	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.403	152	2944	0.152	ng/ul	0.00
18) Fluoranthene-d10	19.395	212	2381	0.066	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.869	128	25209	0.512	ng/ul#	80
7) 2-Methylnaphthalene	12.474	142	21591	0.772	ng/ul	96
8) 1-Methylnaphthalene	12.694	142	296480	10.549	ng/ul	99
10) Acenaphthylene	14.361	152	28400	0.448	ng/ul#	1
11) Acenaphthene	14.708	153	96381	1.956	ng/ul	88
12) Fluorene	15.694	166	143496	2.596	ng/ul#	94
15) Phenanthrene	17.435	178	323273	5.552	ng/ul#	95
16) Anthracene	17.532	178	19925	0.399	ng/ul#	53
19) Fluoranthene	19.441	202	27412	0.314	ng/ul#	90
20) Pyrene	19.808	202	81798	0.942	ng/ul#	87
21) Benzo(a)anthracene	21.548	228	6993	0.116	ng/ul#	73
22) Chrysene	21.604	228	7064	0.108	ng/ul#	70
24) Benzo(b)fluoranthene	23.249	252	12051	0.150	ng/ul#	1
26) Benzo(a)pyrene	23.890	252	7928	0.121	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.519	276	7465	0.083	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.533	278	1731	0.028	ng/ul#	1
29) Benzo(g,h,i)perylene	27.304	276	7386	0.093	ng/ul#	63

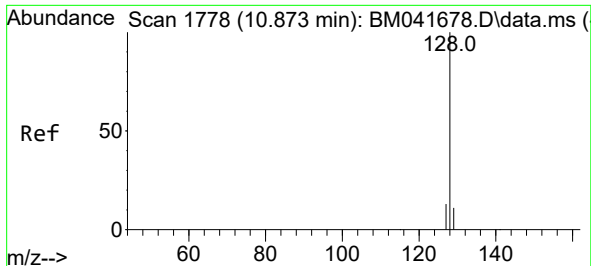
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090623\
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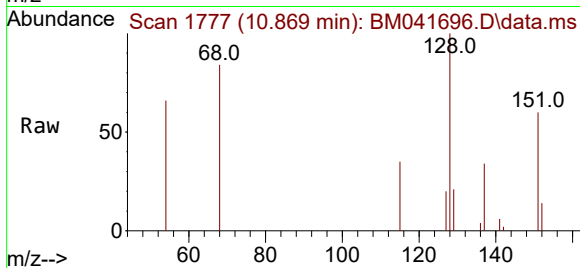
Quant Time: Sep 08 02:53:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM090523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 06 02:20:07 2023
Response via : Initial Calibration



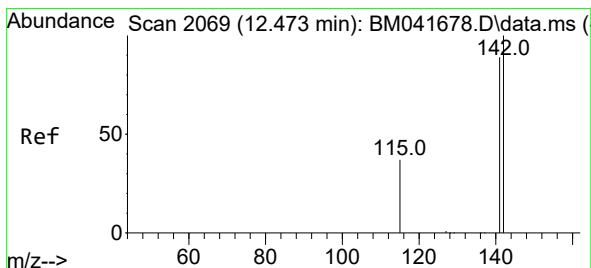
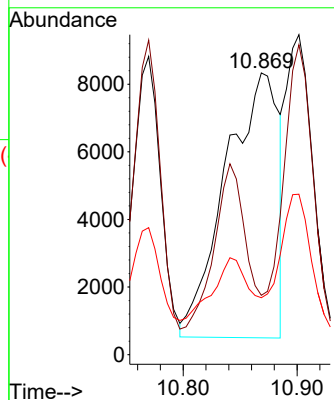
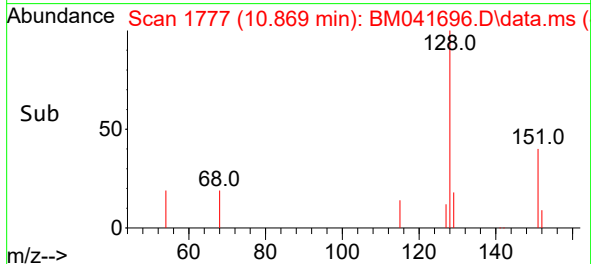


#5
Naphthalene
Concen: 0.512 ng/ul
RT: 10.869 min Scan# 1777
Delta R.T. -0.004 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

Instrument :
BNA_M
ClientSampleId :
EZYJ2DL

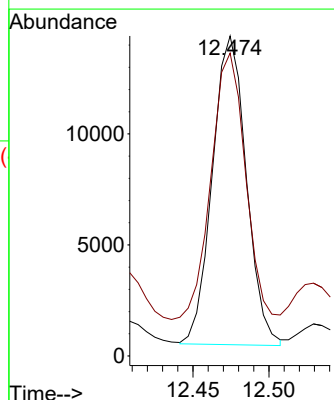
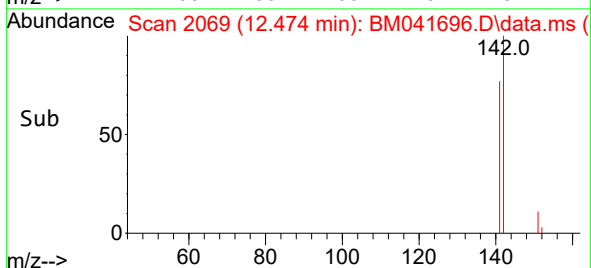
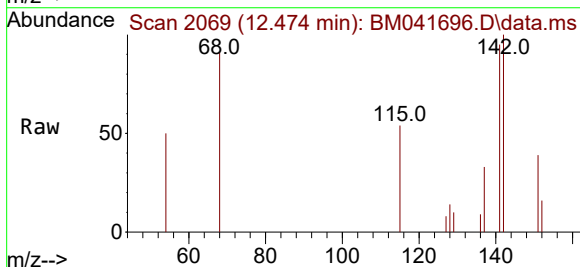


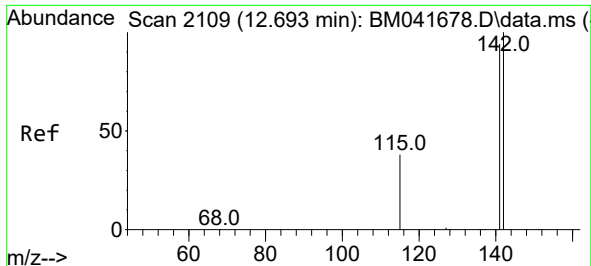
Tgt Ion:128 Resp: 25209
Ion Ratio Lower Upper
128 100
129 21.0 9.4 14.0#
127 20.2 11.0 16.6#



#7
2-Methylnaphthalene
Concen: 0.772 ng/ul
RT: 12.474 min Scan# 2069
Delta R.T. -0.004 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

Tgt Ion:142 Resp: 21591
Ion Ratio Lower Upper
142 100
141 86.6 72.2 108.2

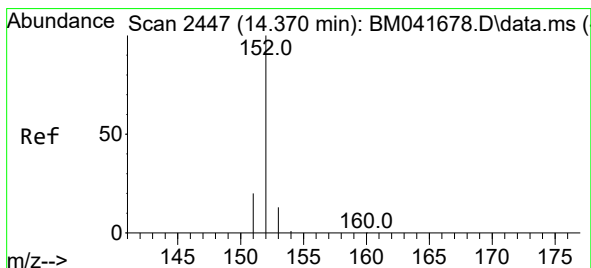
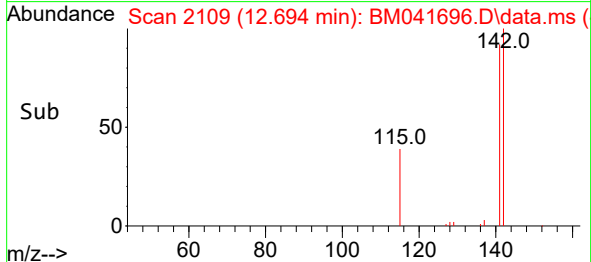
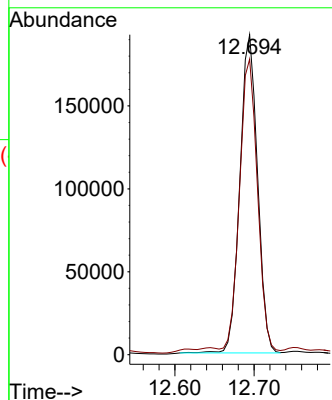
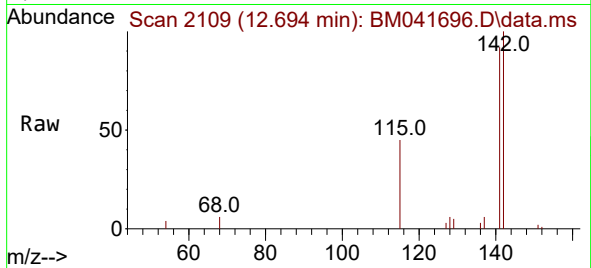




#8
1-Methylnaphthalene
Concen: 10.549 ng/ul
RT: 12.694 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

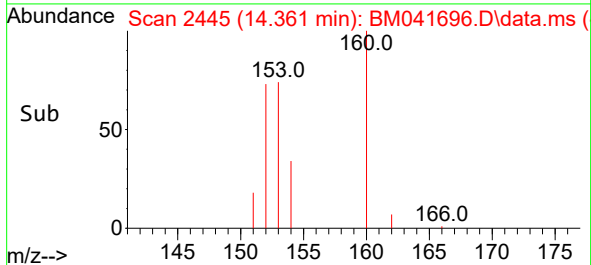
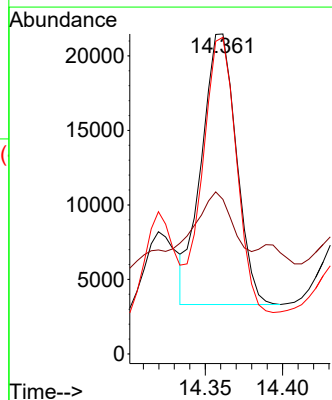
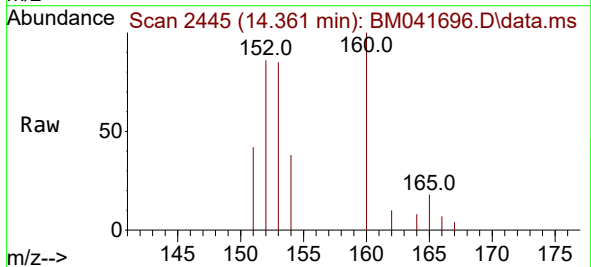
Instrument :
BNA_M
ClientSampleId :
EZYJ2DL

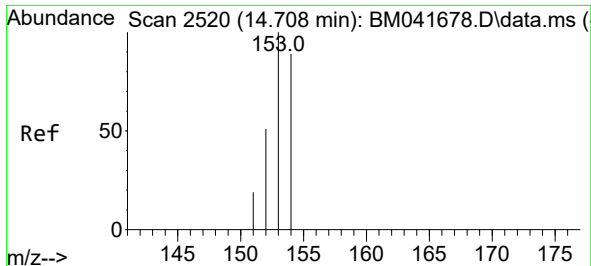
Tgt Ion:142 Resp: 296480
Ion Ratio Lower Upper
142 100
141 92.4 74.4 111.6



#10
Acenaphthylene
Concen: 0.448 ng/ul
RT: 14.361 min Scan# 2445
Delta R.T. -0.013 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

Tgt Ion:152 Resp: 28400
Ion Ratio Lower Upper
152 100
151 48.3 16.4 24.6#
153 99.0 11.1 16.7#

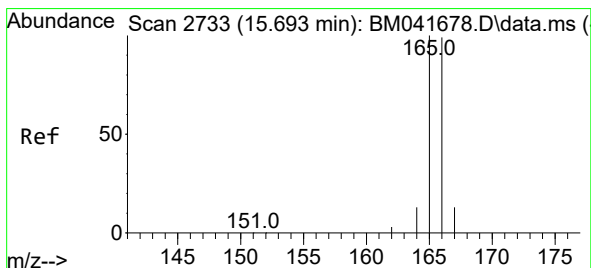
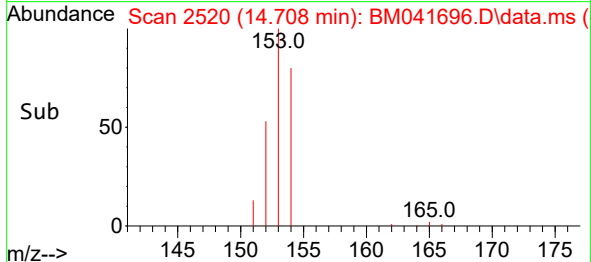
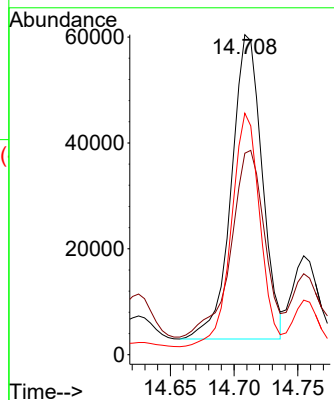
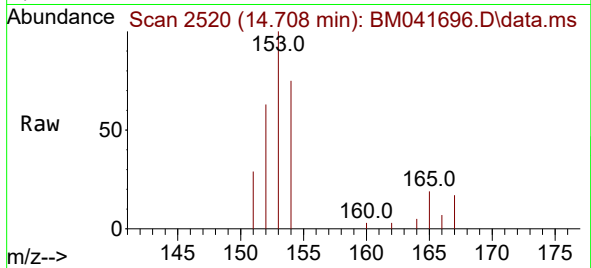




#11
Acenaphthene
Concen: 1.956 ng/ul
RT: 14.708 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

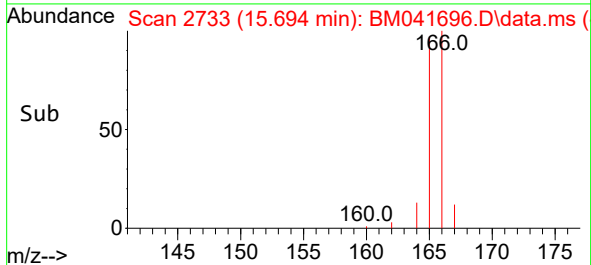
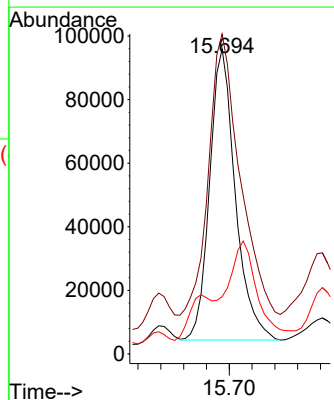
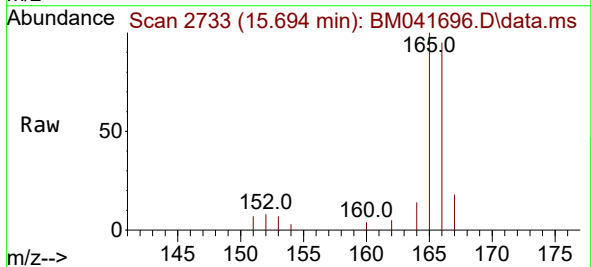
Instrument :
BNA_M
ClientSampleId :
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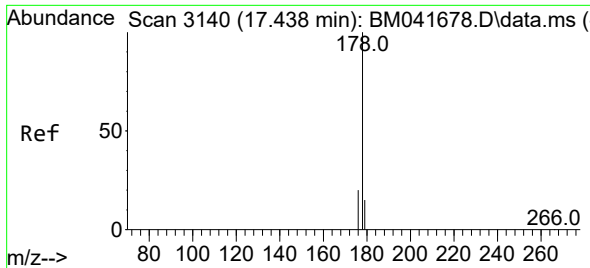
Tgt Ion:153 Resp: 96381
Ion Ratio Lower Upper
153 100
152 63.0 43.4 65.2
154 75.5 69.4 104.0



#12
Fluorene
Concen: 2.596 ng/ul
RT: 15.694 min Scan# 2733
Delta R.T. -0.004 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

Tgt Ion:166 Resp: 143496
Ion Ratio Lower Upper
166 100
165 104.9 79.4 119.2
167 18.8 11.3 16.9#

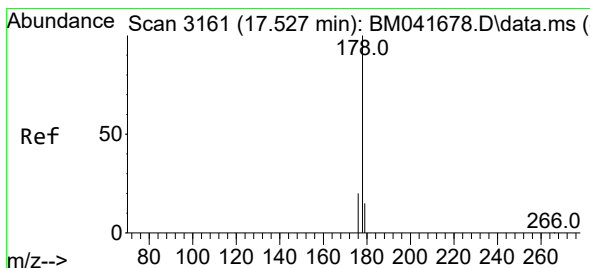
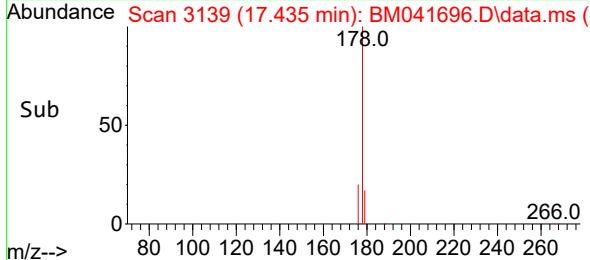
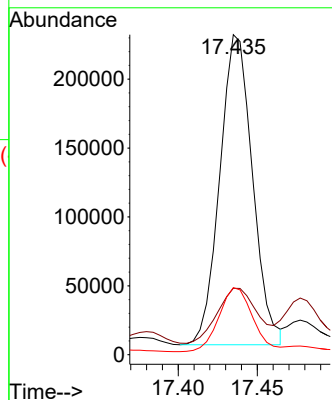
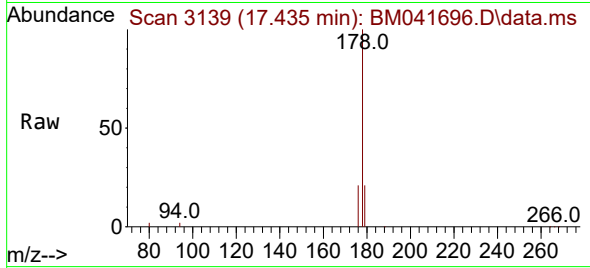




#15
Phenanthrene
Concen: 5.552 ng/ul
RT: 17.435 min Scan# 3140
Delta R.T. -0.008 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

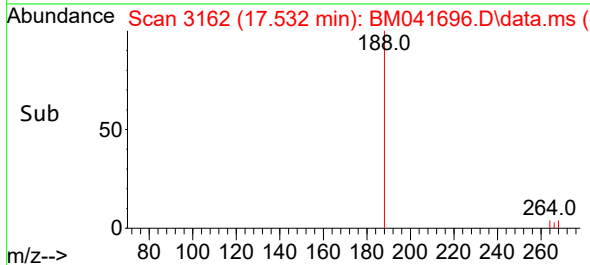
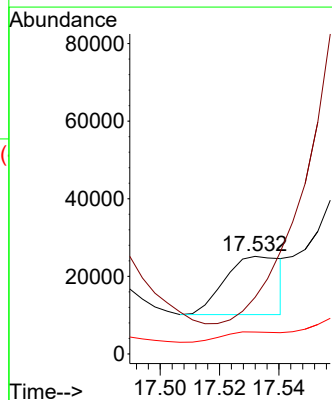
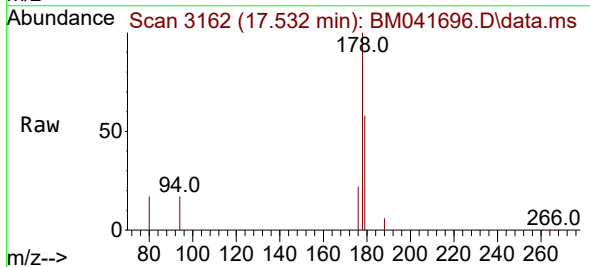
Instrument :
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ClientSampleId :
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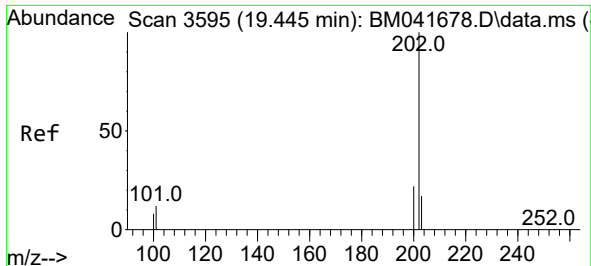
Tgt Ion:178 Resp: 323273
Ion Ratio Lower Upper
178 100
179 20.8 12.9 19.3#
176 21.0 16.9 25.3



#16
Anthracene
Concen: 0.399 ng/ul
RT: 17.532 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

Tgt Ion:178 Resp: 19925
Ion Ratio Lower Upper
178 100
179 58.0 12.9 19.3#
176 22.4 15.8 23.8

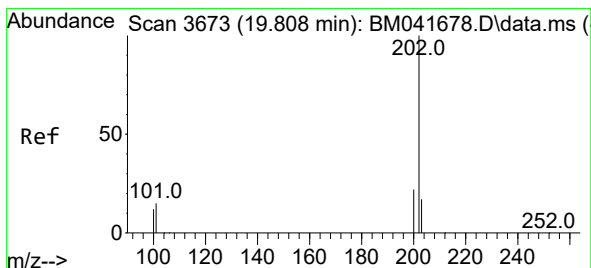
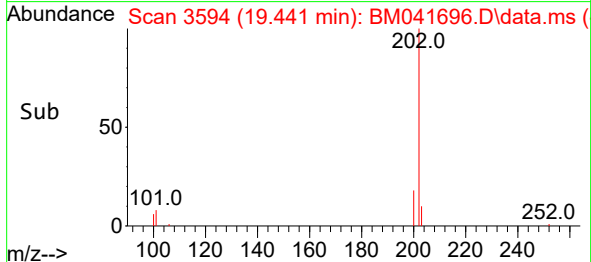
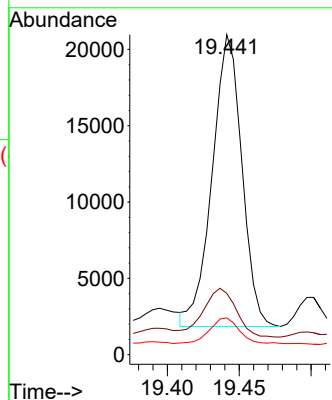
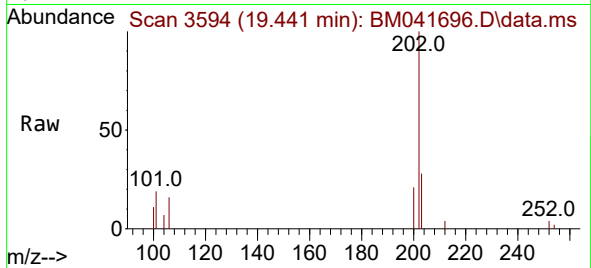




#19
Fluoranthene
Concen: 0.314 ng/ul
RT: 19.441 min Scan# 3595
Delta R.T. -0.009 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

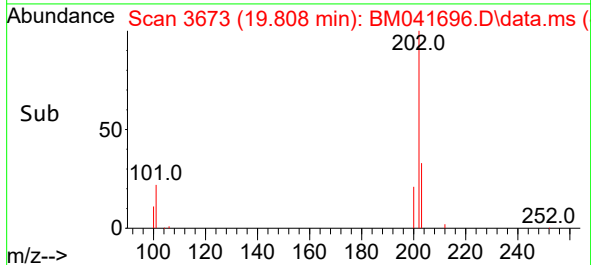
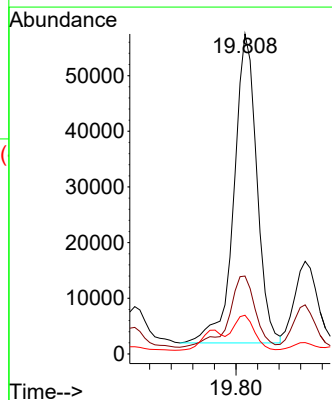
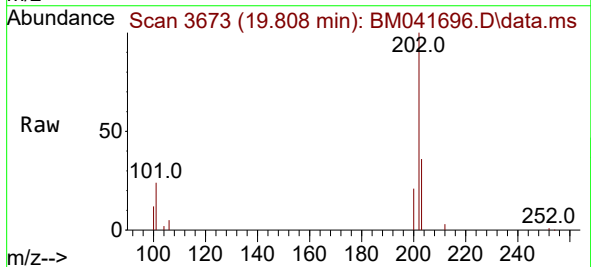
Instrument :
BNA_M
ClientSampleId :
EZYJ2DL

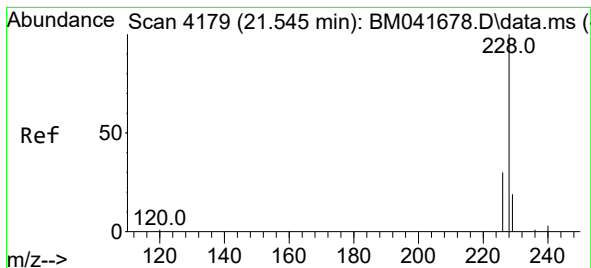
Tgt Ion:202 Resp: 27412
Ion Ratio Lower Upper
202 100
101 19.1 10.5 15.7#
100 11.5 8.4 12.6



#20
Pyrene
Concen: 0.942 ng/ul
RT: 19.808 min Scan# 3673
Delta R.T. -0.009 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

Tgt Ion:202 Resp: 81798
Ion Ratio Lower Upper
202 100
101 24.3 11.8 17.8#
100 12.1 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.116 ng/ul

RT: 21.548 min Scan# 4119

Delta R.T. -0.005 min

Lab File: BM041696.D

Acq: 07 Sep 2023 15:46

Instrument :

BNA_M

ClientSampleId :

EZYJ2DL

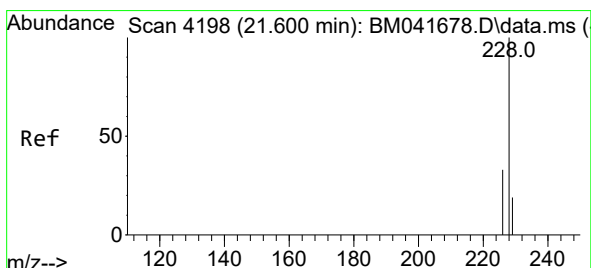
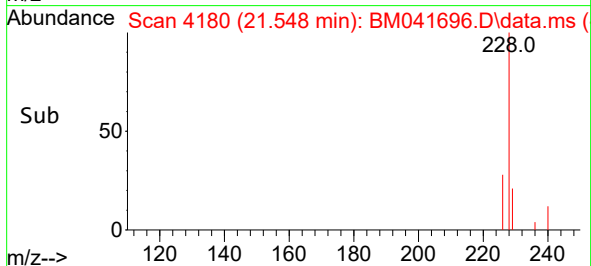
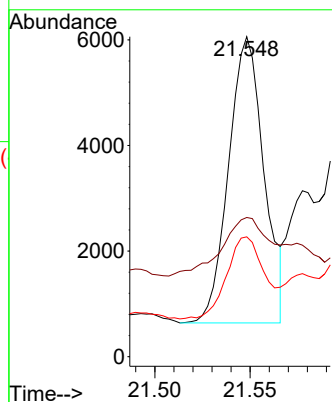
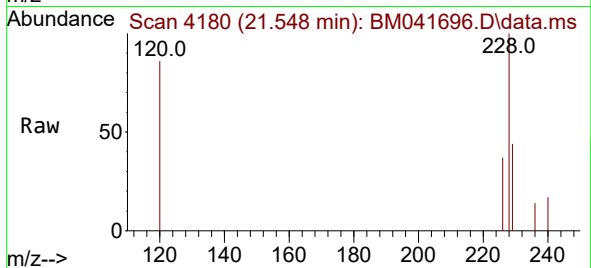
Tgt Ion:228 Resp: 6993

Ion Ratio Lower Upper

228 100

229 43.5 15.8 23.6#

226 37.4 24.8 37.2#



#22

Chrysene

Concen: 0.108 ng/ul

RT: 21.604 min Scan# 4199

Delta R.T. -0.005 min

Lab File: BM041696.D

Acq: 07 Sep 2023 15:46

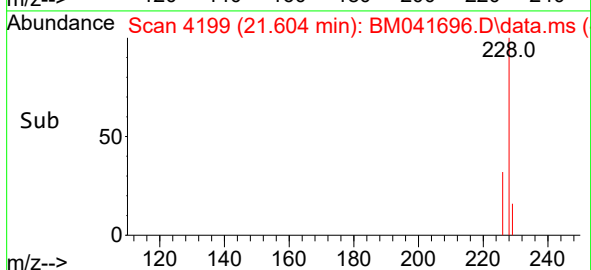
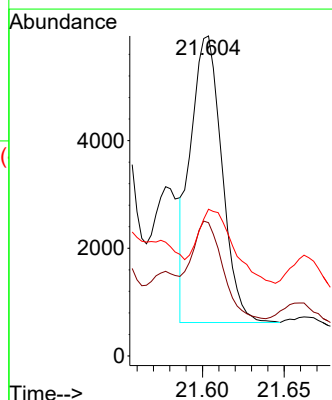
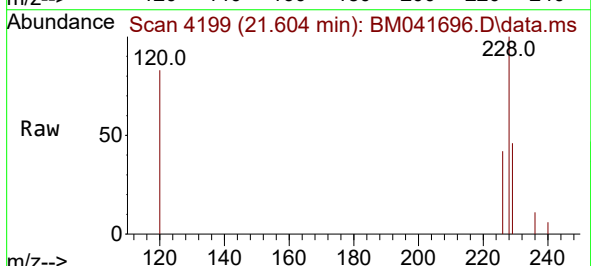
Tgt Ion:228 Resp: 7064

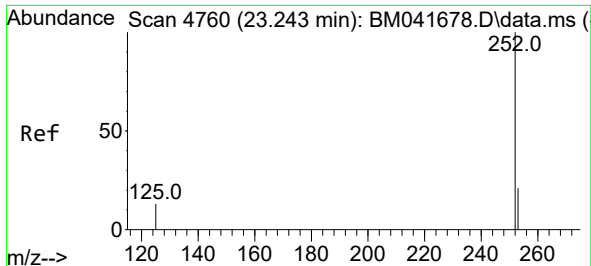
Ion Ratio Lower Upper

228 100

226 41.7 27.0 40.6#

229 45.9 15.4 23.2#

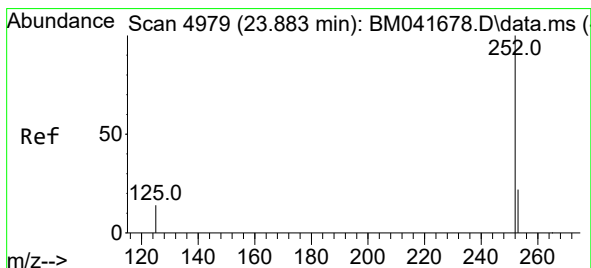
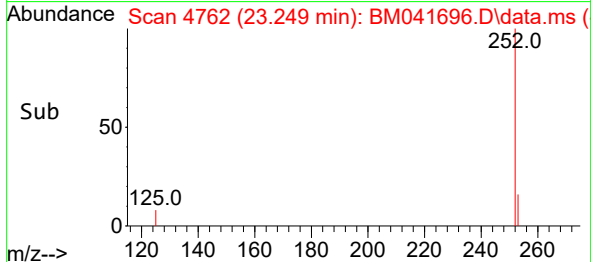
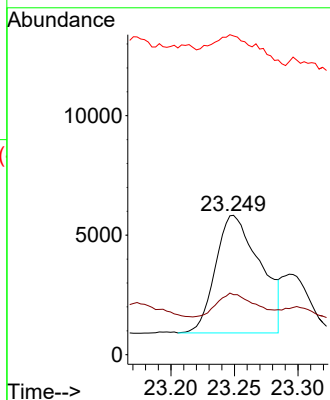
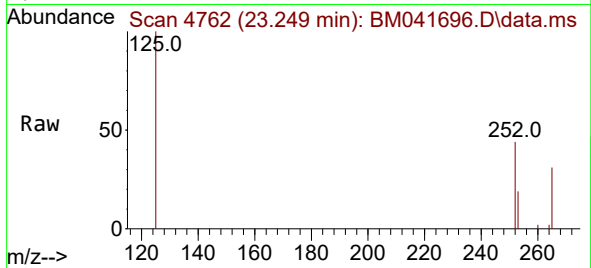




#24
Benzo(b)fluoranthene
Concen: 0.150 ng/ul
RT: 23.249 min Scan# 41
Delta R.T. -0.002 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

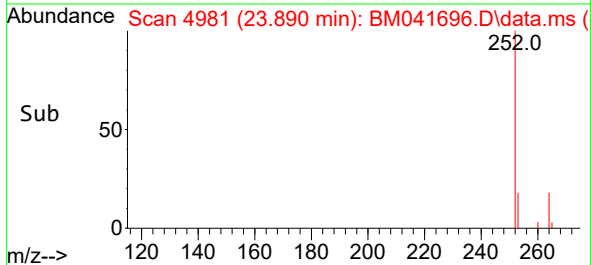
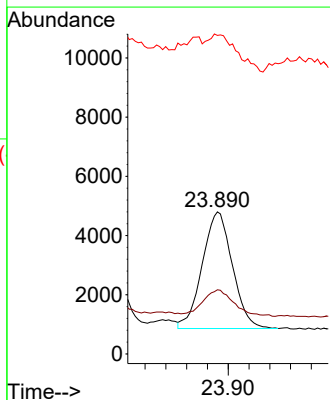
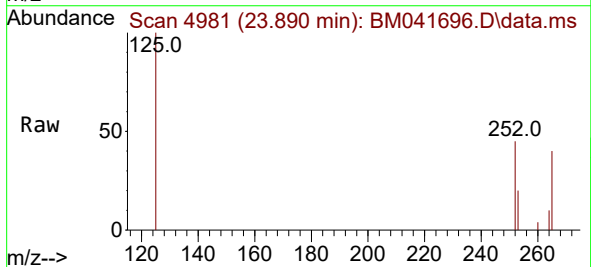
Instrument :
BNA_M
ClientSampleId :
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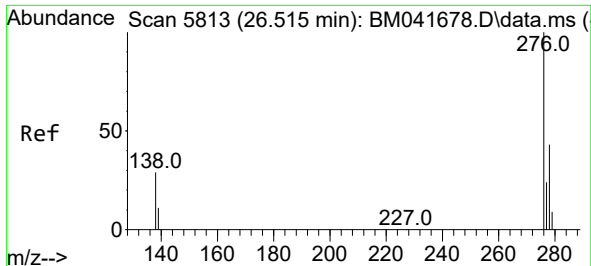
Tgt Ion:252 Resp: 12051
Ion Ratio Lower Upper
252 100
253 43.0 0.0 52.4
125 228.8 0.0 42.8#



#26
Benzo(a)pyrene
Concen: 0.121 ng/ul
RT: 23.890 min Scan# 4981
Delta R.T. -0.008 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

Tgt Ion:252 Resp: 7928
Ion Ratio Lower Upper
252 100
253 45.2 22.4 33.6#
125 224.2 21.0 31.4#

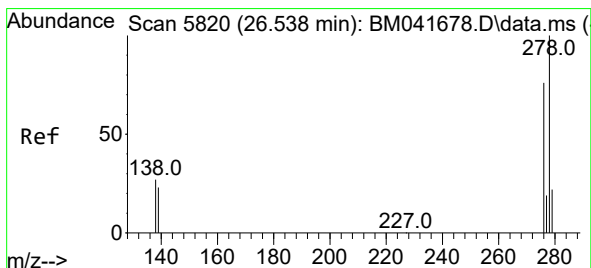
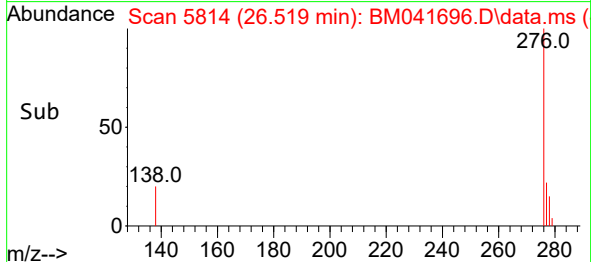
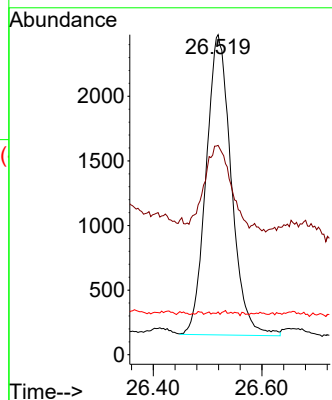
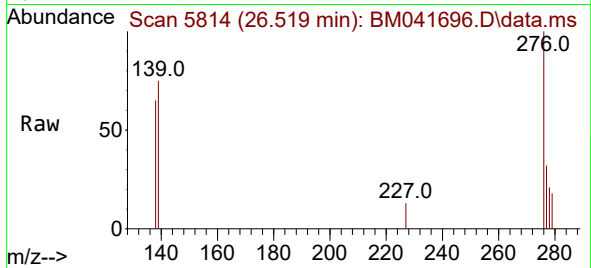




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.083 ng/ul
RT: 26.519 min Scan# 5813
Delta R.T. -0.012 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

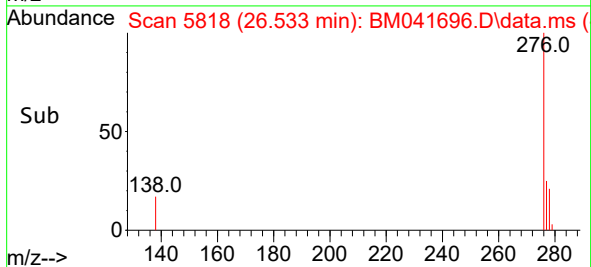
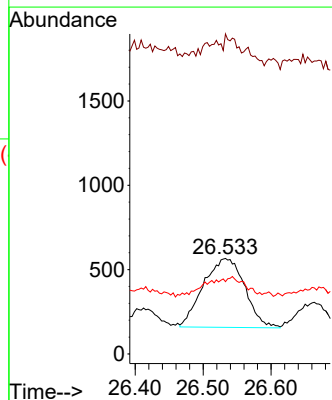
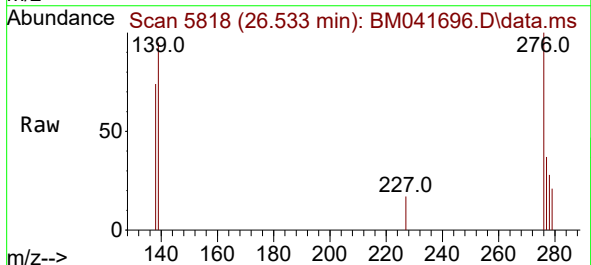
Instrument :
BNA_M
ClientSampleId :
EZYJ2DL

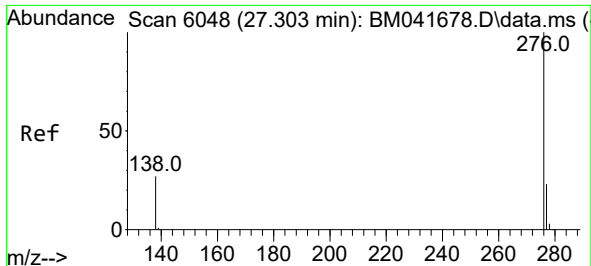
Tgt Ion:276 Resp: 7465
Ion Ratio Lower Upper
276 100
138 30.5 26.4 39.6
227 0.7 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 26.533 min Scan# 5818
Delta R.T. -0.019 min
Lab File: BM041696.D
Acq: 07 Sep 2023 15:46

Tgt Ion:278 Resp: 1731
Ion Ratio Lower Upper
278 100
139 335.2 23.0 34.6#
279 75.8 22.9 34.3#





#29

Benzo(g,h,i)perylene

Concen: 0.093 ng/ul

RT: 27.304 min Scan# 6048

Delta R.T. -0.012 min

Lab File: BM041696.D

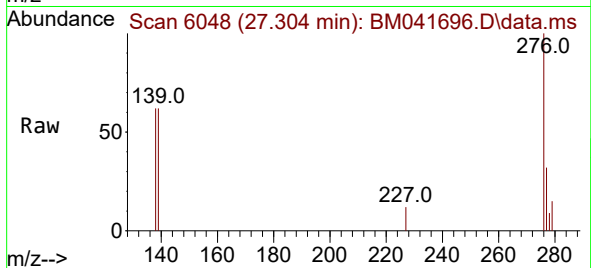
Acq: 07 Sep 2023 15:46

Instrument :

BNA_M

ClientSampleId :

EZYJ2DL



Tgt Ion:276 Resp: 7386

Ion Ratio Lower Upper

276 100

138 62.2 25.0 37.4#

277 32.2 20.2 30.2#

