

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041846.D
 Acq On : 14 Sep 2023 00:56
 Operator : MA/JU
 Sample : 04235-09DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYK0DL

Quant Time: Sep 14 03:39:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM091323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 13 16:15:23 2023
 Response via : Initial Calibration

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

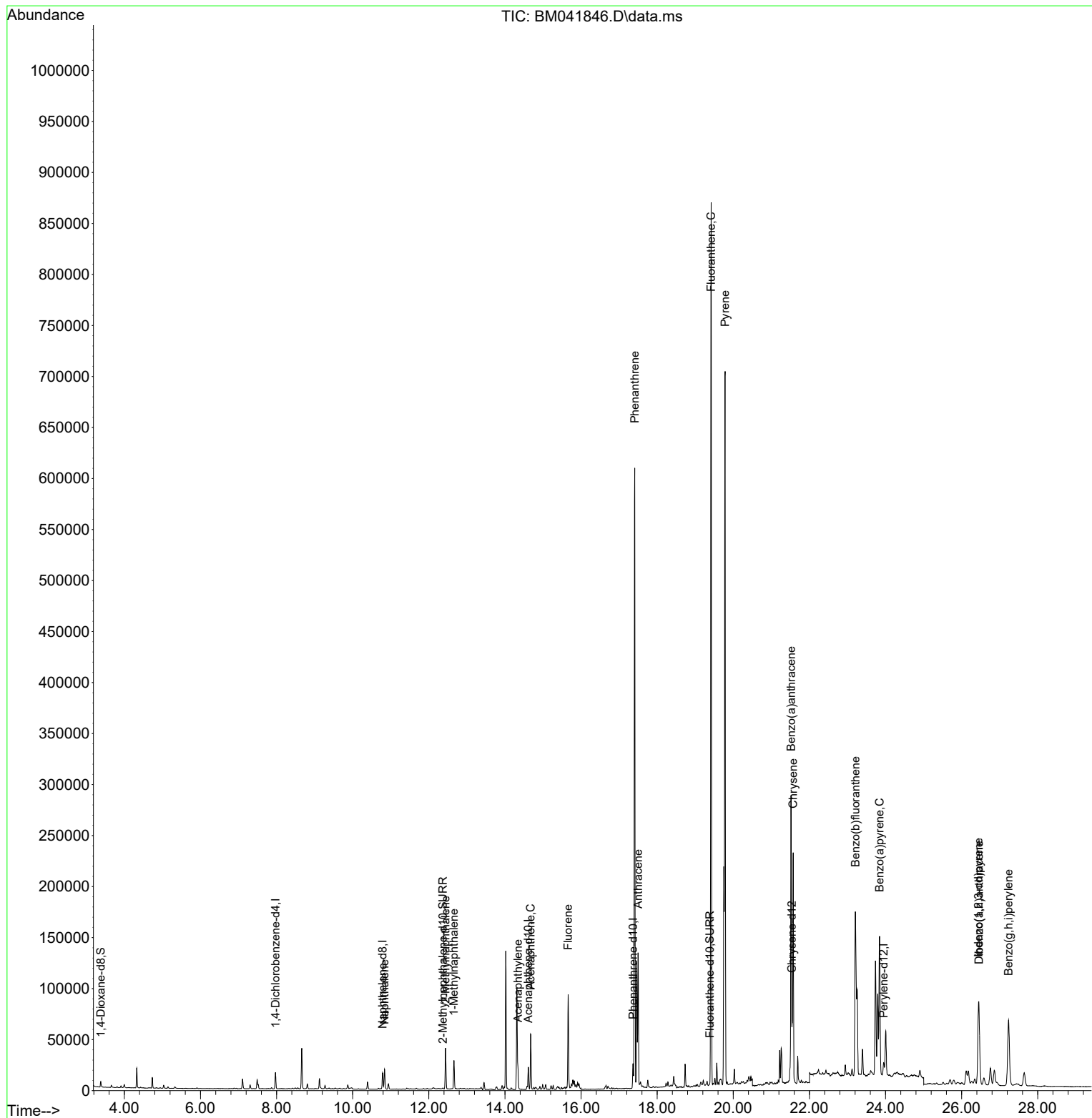
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.971	152	7795	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	20638	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.615	164	11335	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.367	188	25875	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	14309	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	16749	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	3349	0.338	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.368	152	757	0.027	ng/ul	0.00
18) Fluoranthene-d10	19.385	212	1723	0.035	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.834	128	26699	0.384	ng/ul	99
7) 2-Methylnaphthalene	12.440	142	26745	0.640	ng/ul	100
8) 1-Methylnaphthalene	12.660	142	18274	0.429	ng/ul	100
10) Acenaphthylene	14.342	152	24192	0.340	ng/ul	99
11) Acenaphthene	14.675	153	31424	0.578	ng/ul	98
12) Fluorene	15.661	166	56571	0.890	ng/ul	99
15) Phenanthrene	17.409	178	612996	5.427	ng/ul	99
16) Anthracene	17.498	178	135958	1.381	ng/ul	100
19) Fluoranthene	19.417	202	716695	6.467	ng/ul	97
20) Pyrene	19.785	202	570392	4.916	ng/ul	97
21) Benzo(a)anthracene	21.518	228	236103	2.501	ng/ul	99
22) Chrysene	21.574	228	212505	2.199	ng/ul	97
24) Benzo(b)fluoranthene	23.208	252	278153	2.334	ng/ul	97
26) Benzo(a)pyrene	23.845	252	198357	2.183	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.445	276	144282	1.032	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.458	278	33432	0.324	ng/ul#	75
29) Benzo(g,h,i)perylene	27.233	276	138520	1.172	ng/ul	100

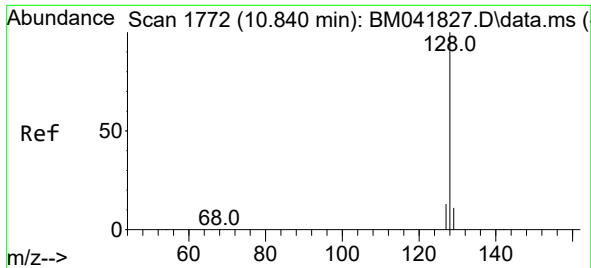
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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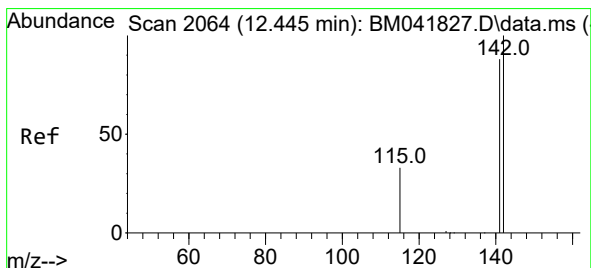
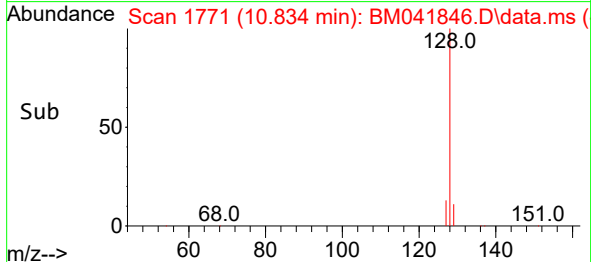
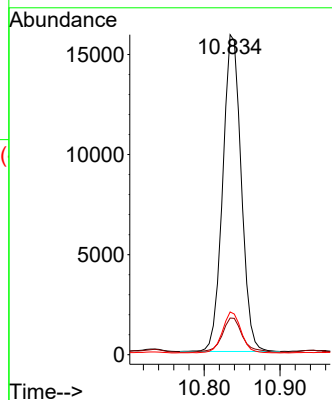
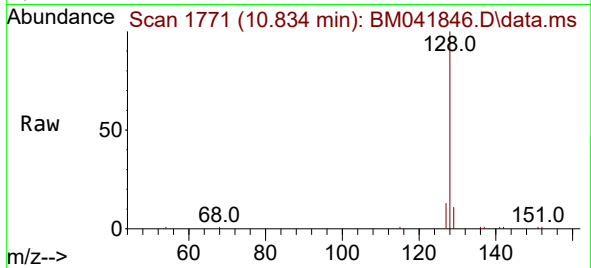




#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.834 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM041846.D
Acq: 14 Sep 2023 00:56

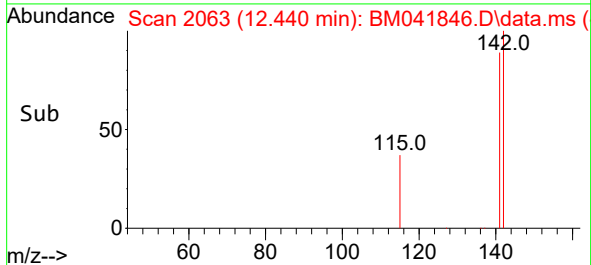
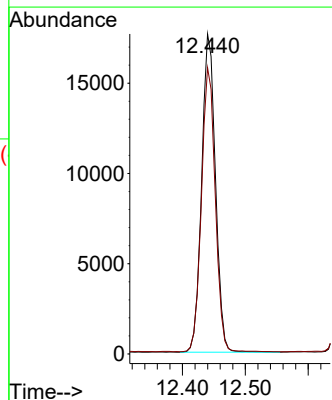
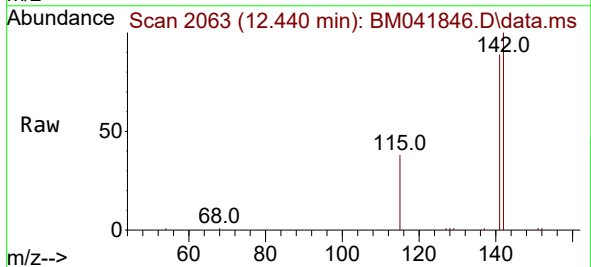
Instrument :
BNA_M
ClientSampleId :
EZYK0DL

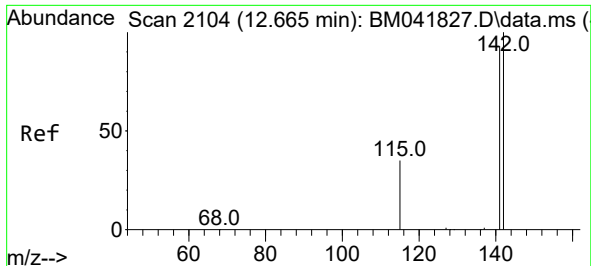
Tgt Ion:128 Resp: 26699
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.3 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.640 ng/ul
RT: 12.440 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM041846.D
Acq: 14 Sep 2023 00:56

Tgt Ion:142 Resp: 26745
Ion Ratio Lower Upper
142 100
141 89.6 72.1 108.1

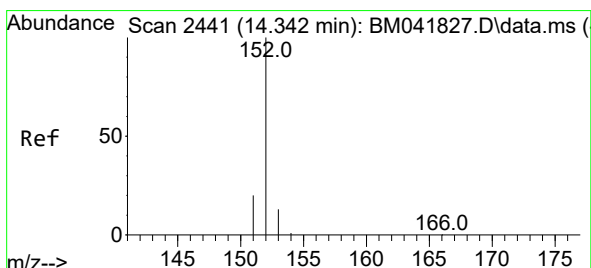
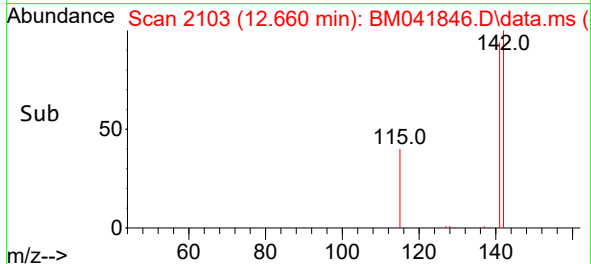
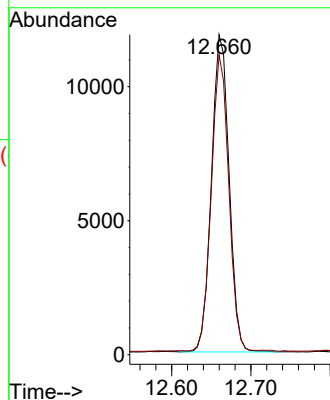
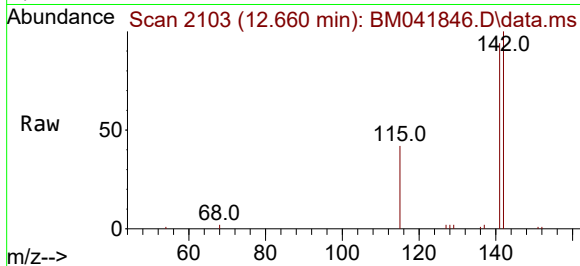




#8
1-Methylnaphthalene
Concen: 0.429 ng/ul
RT: 12.660 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BM041846.D
Acq: 14 Sep 2023 00:56

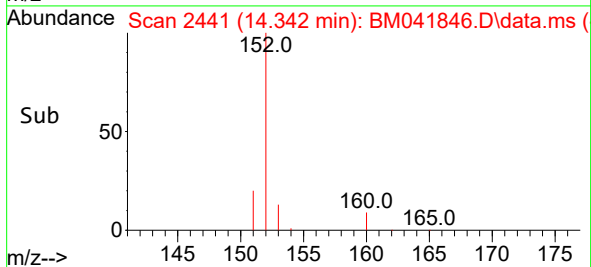
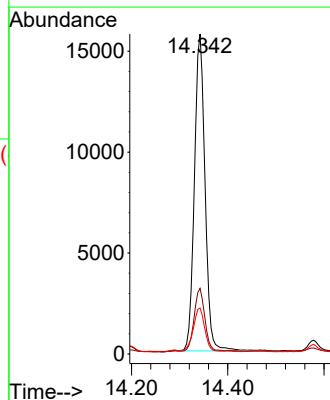
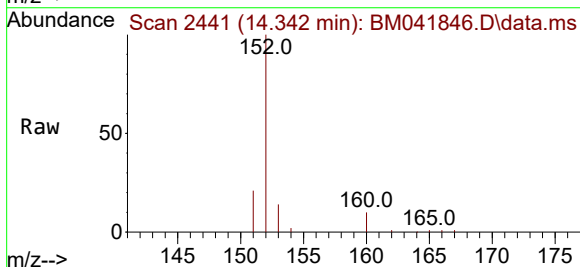
Instrument :
BNA_M
ClientSampleId :
EZYK0DL

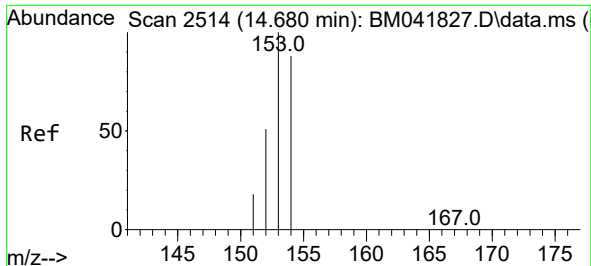
Tgt Ion:142 Resp: 18274
Ion Ratio Lower Upper
142 100
141 92.6 74.3 111.5



#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.342 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BM041846.D
Acq: 14 Sep 2023 00:56

Tgt Ion:152 Resp: 24192
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.3 10.9 16.3

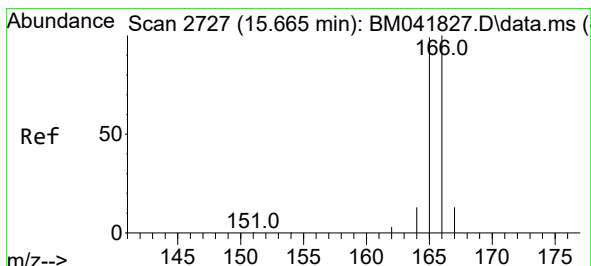
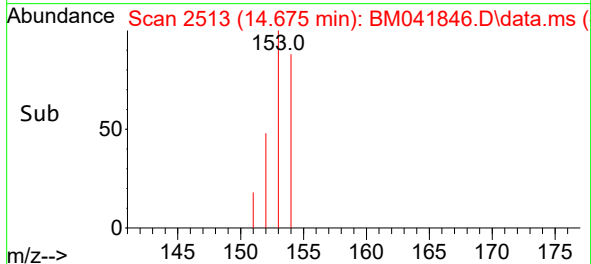
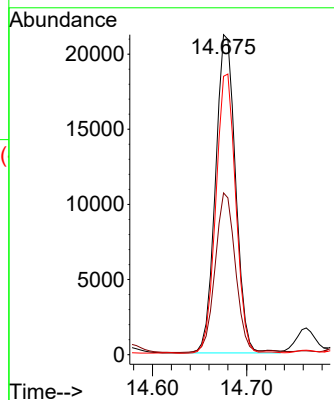
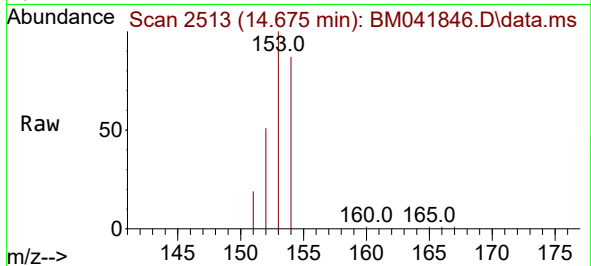




#11
Acenaphthene
Concen: 0.578 ng/ul
RT: 14.675 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041846.D
Acq: 14 Sep 2023 00:56

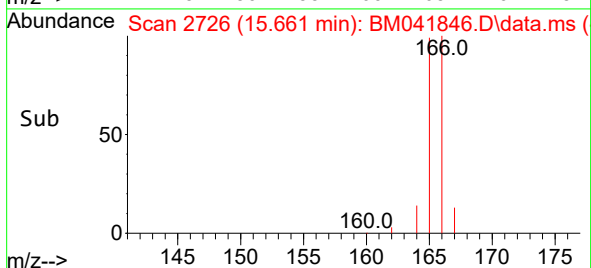
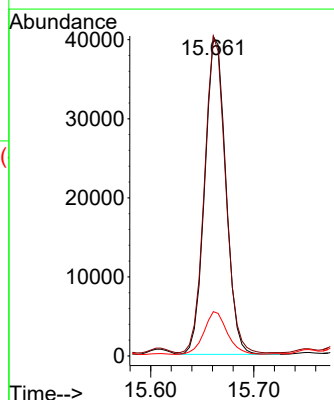
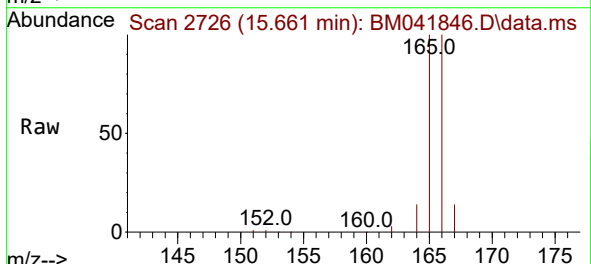
Instrument :
BNA_M
ClientSampleId :
EZYK0DL

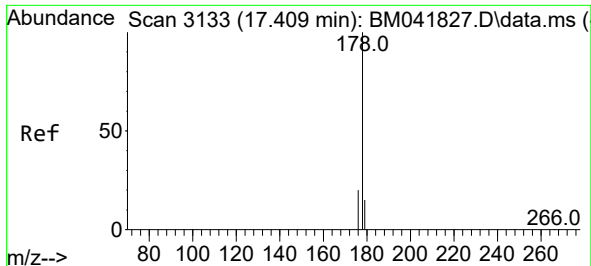
Tgt Ion:153 Resp: 31424
Ion Ratio Lower Upper
153 100
152 50.5 41.5 62.3
154 87.0 70.7 106.1



#12
Fluorene
Concen: 0.890 ng/ul
RT: 15.661 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BM041846.D
Acq: 14 Sep 2023 00:56

Tgt Ion:166 Resp: 56571
Ion Ratio Lower Upper
166 100
165 100.2 79.3 118.9
167 13.9 11.2 16.8

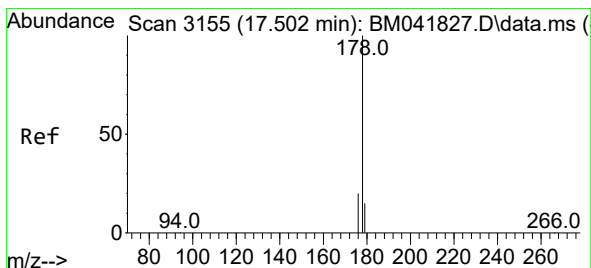
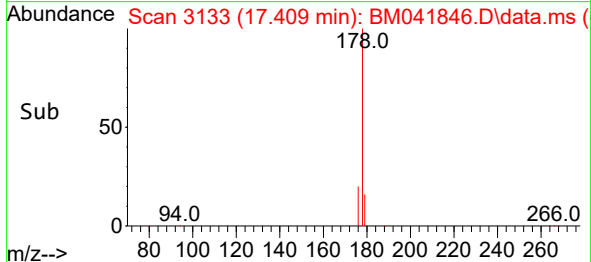
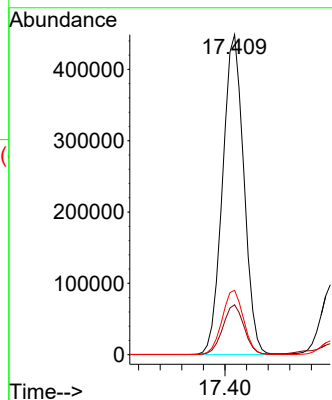
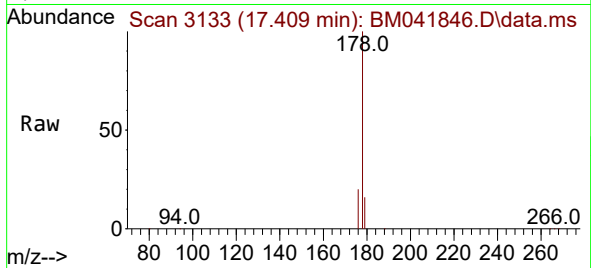




#15
 Phenanthrene
 Concen: 5.427 ng/ul
 RT: 17.409 min Scan# 3133
 Delta R.T. 0.000 min
 Lab File: BM041846.D
 Acq: 14 Sep 2023 00:56

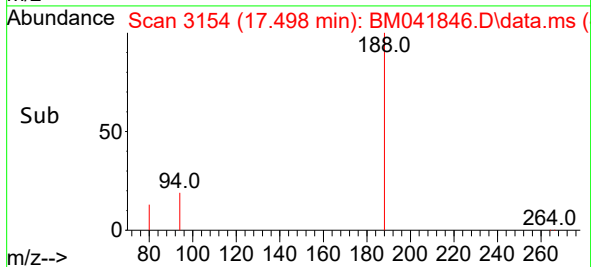
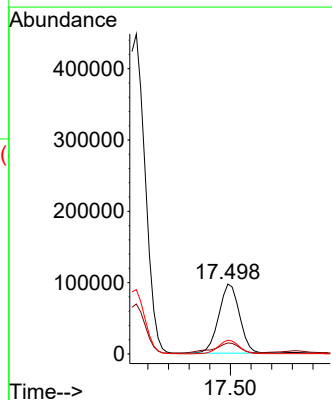
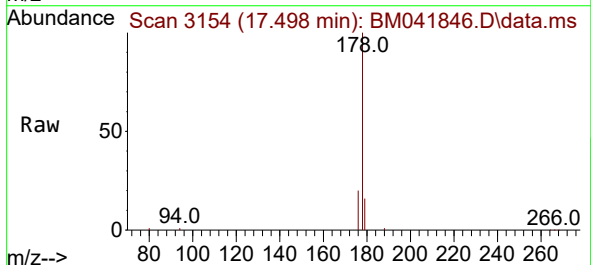
Instrument :
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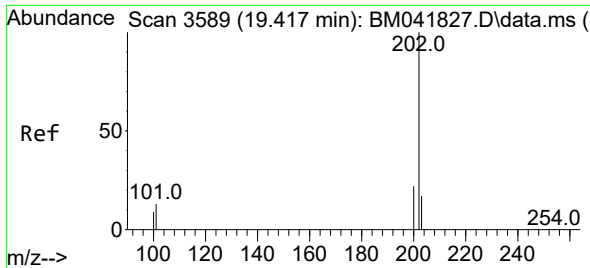
Tgt Ion:178 Resp: 612996
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.6 19.0
 176 20.1 16.6 25.0



#16
 Anthracene
 Concen: 1.381 ng/ul
 RT: 17.498 min Scan# 3154
 Delta R.T. -0.004 min
 Lab File: BM041846.D
 Acq: 14 Sep 2023 00:56

Tgt Ion:178 Resp: 135958
 Ion Ratio Lower Upper
 178 100
 179 15.8 12.7 19.1
 176 19.8 16.1 24.1

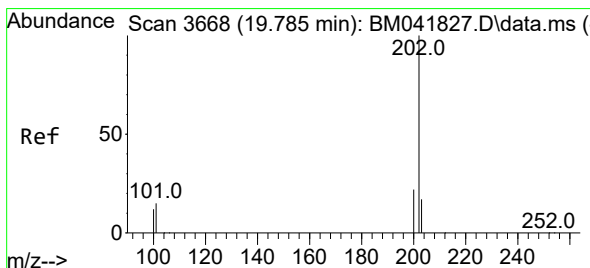
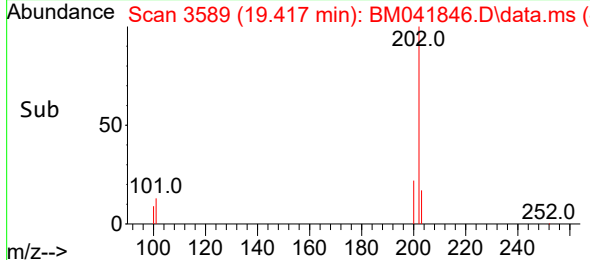
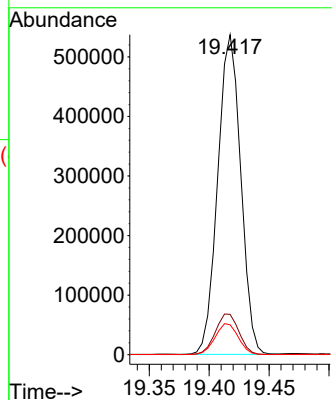
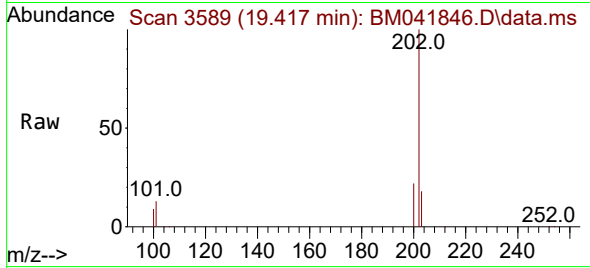




#19
Fluoranthene
Concen: 6.467 ng/ul
RT: 19.417 min Scan# 3589
Delta R.T. 0.000 min
Lab File: BM041846.D
Acq: 14 Sep 2023 00:56

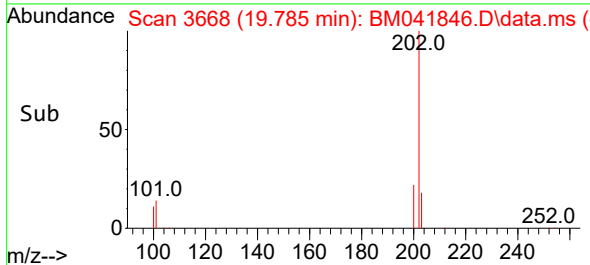
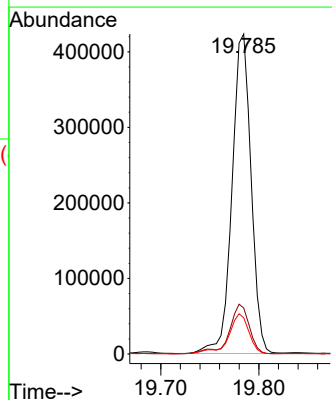
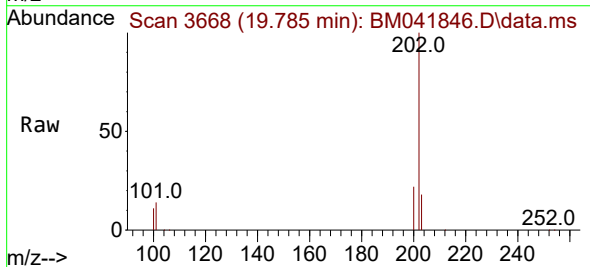
Instrument :
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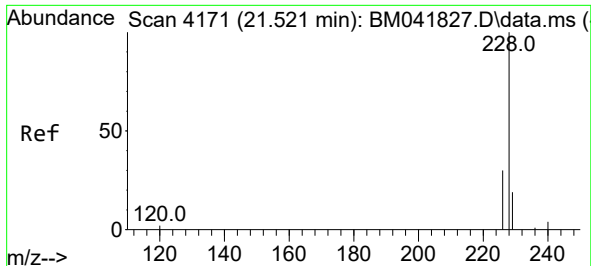
Tgt Ion:202 Resp: 716695
Ion Ratio Lower Upper
202 100
101 12.6 11.0 16.6
100 9.4 8.2 12.4



#20
Pyrene
Concen: 4.916 ng/ul
RT: 19.785 min Scan# 3668
Delta R.T. 0.000 min
Lab File: BM041846.D
Acq: 14 Sep 2023 00:56

Tgt Ion:202 Resp: 570392
Ion Ratio Lower Upper
202 100
101 14.4 12.6 19.0
100 11.3 9.9 14.9

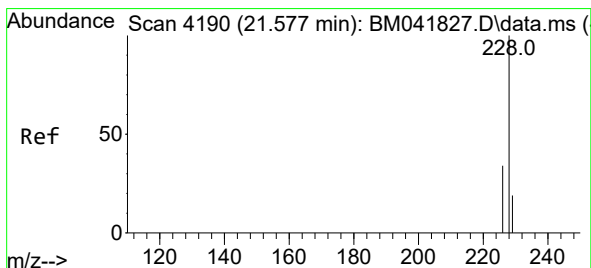
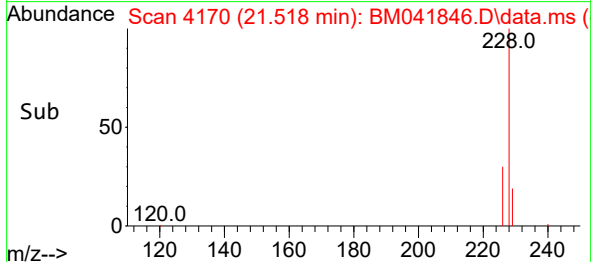
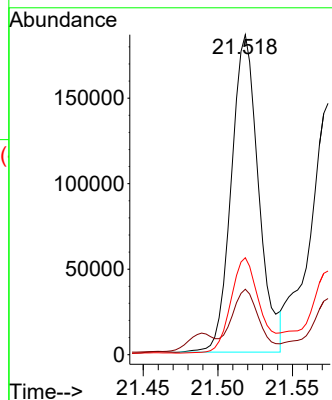
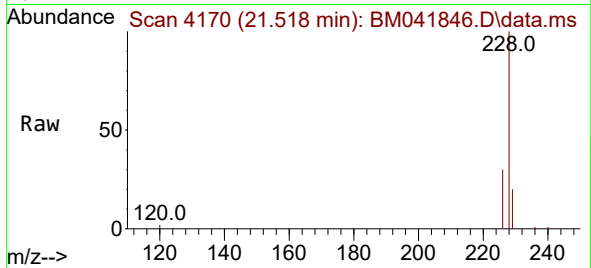




#21
Benzo(a)anthracene
Concen: 2.501 ng/ul
RT: 21.518 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BM041846.D
Acq: 14 Sep 2023 00:56

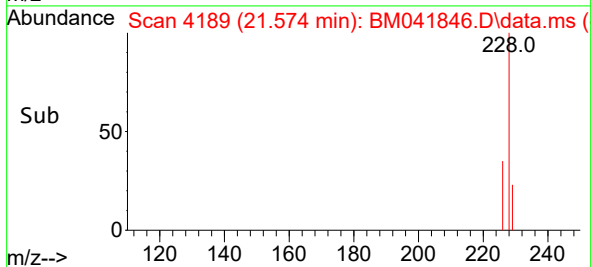
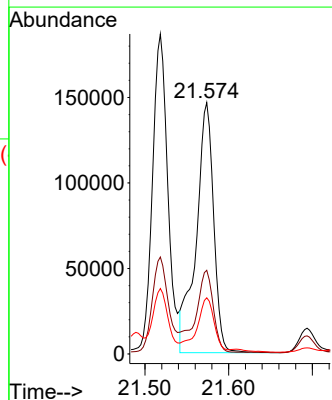
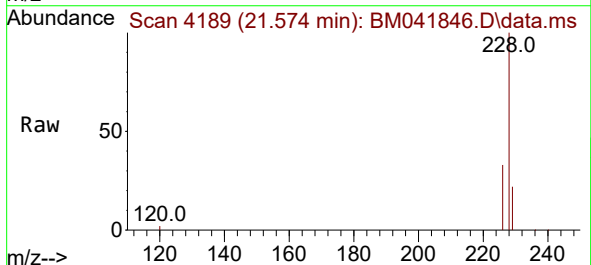
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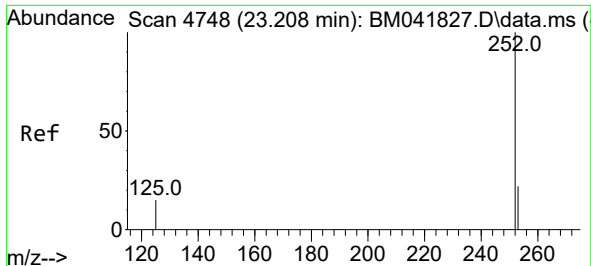
Tgt Ion:228 Resp: 236103
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 30.3 24.3 36.5



#22
Chrysene
Concen: 2.199 ng/ul
RT: 21.574 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BM041846.D
Acq: 14 Sep 2023 00:56

Tgt Ion:228 Resp: 212505
Ion Ratio Lower Upper
228 100
226 33.3 27.0 40.4
229 22.3 15.7 23.5

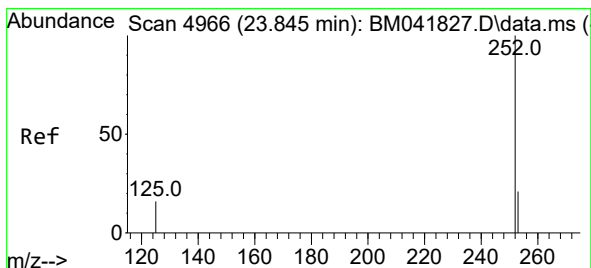
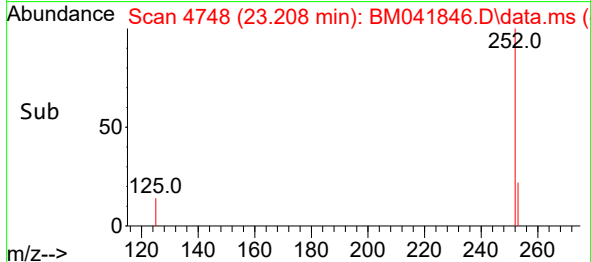
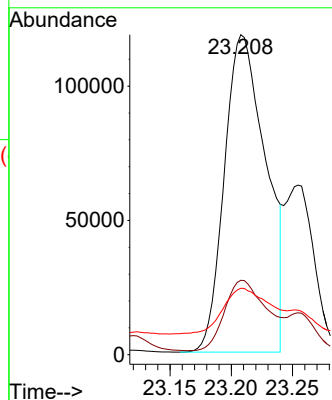
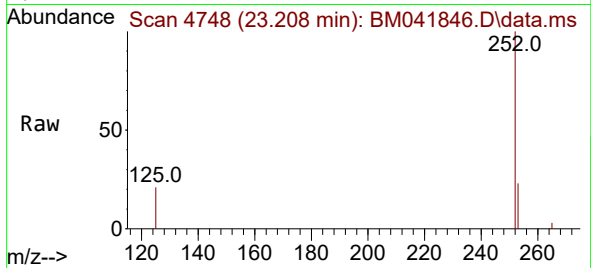




#24
Benzo(b)fluoranthene
Concen: 2.334 ng/ul
RT: 23.208 min Scan# 41
Delta R.T. 0.000 min
Lab File: BM041846.D
Acq: 14 Sep 2023 00:56

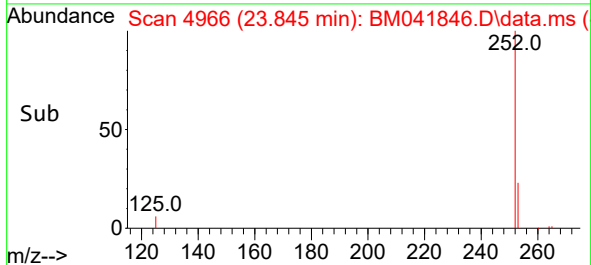
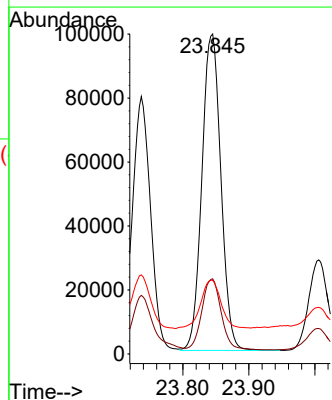
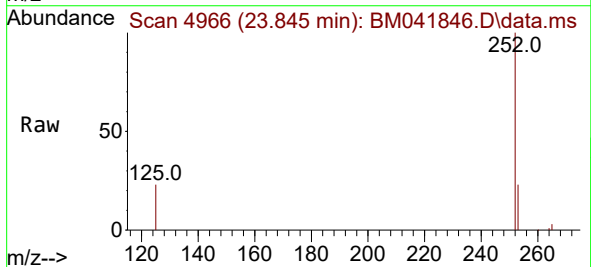
Instrument :
BNA_M
ClientSampleId :
EZYK0DL

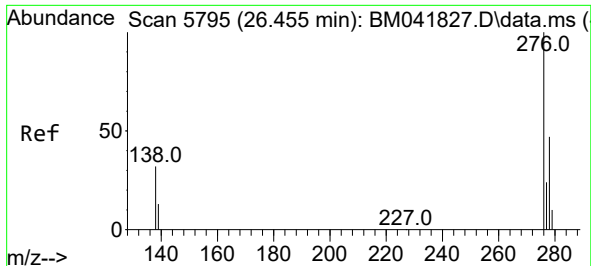
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Ion Ratio Lower Upper
252 100
253 23.3 0.0 51.0
125 20.7 0.0 39.8



#26
Benzo(a)pyrene
Concen: 2.183 ng/ul
RT: 23.845 min Scan# 4966
Delta R.T. 0.000 min
Lab File: BM041846.D
Acq: 14 Sep 2023 00:56

Tgt Ion:252 Resp: 198357
Ion Ratio Lower Upper
252 100
253 23.5 21.8 32.8
125 23.1 18.8 28.2

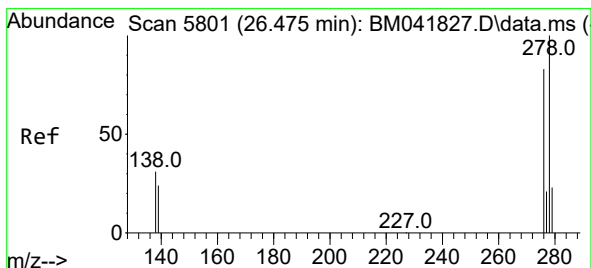
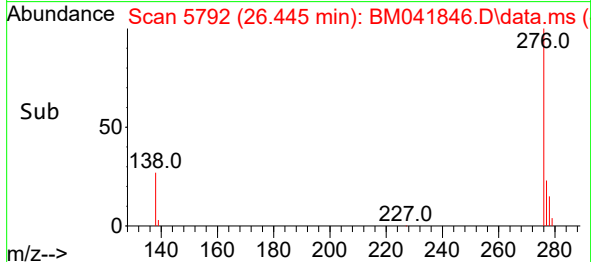
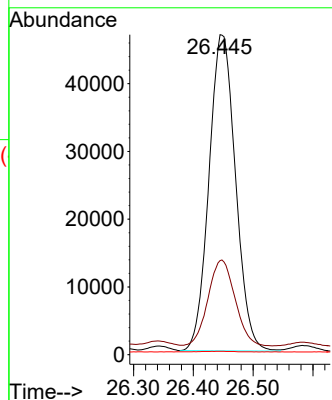
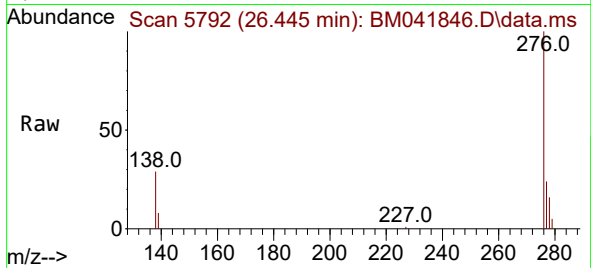




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.032 ng/ul
 RT: 26.445 min Scan# 5795
 Delta R.T. -0.010 min
 Lab File: BM041846.D
 Acq: 14 Sep 2023 00:56

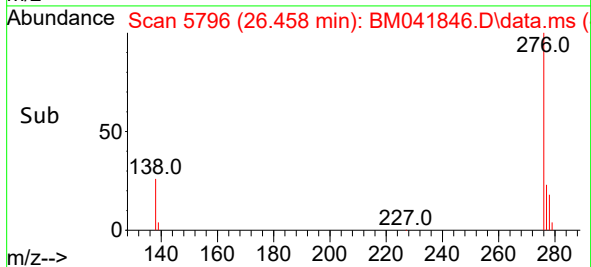
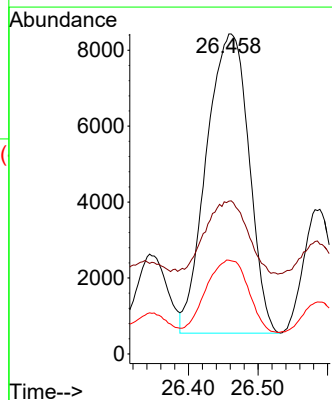
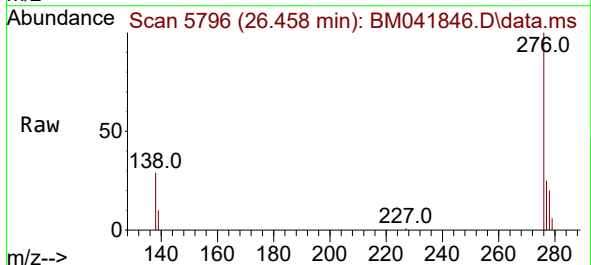
Instrument :
 BNA_M
 ClientSampleId :
 EZYK0DL

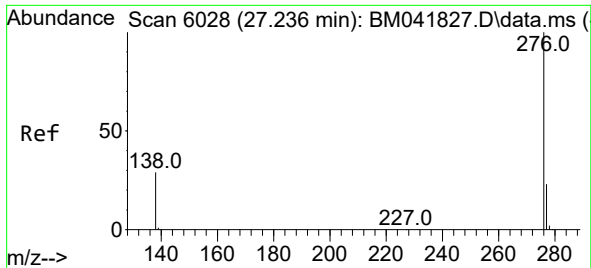
Tgt Ion:276 Resp: 144282
 Ion Ratio Lower Upper
 276 100
 138 27.5 27.7 41.5#
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.324 ng/ul
 RT: 26.458 min Scan# 5796
 Delta R.T. -0.017 min
 Lab File: BM041846.D
 Acq: 14 Sep 2023 00:56

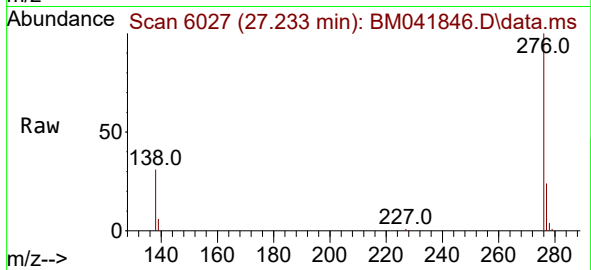
Tgt Ion:278 Resp: 33432
 Ion Ratio Lower Upper
 278 100
 139 47.8 20.9 31.3#
 279 29.3 20.3 30.5





#29
 Benzo(g,h,i)perylene
 Concen: 1.172 ng/ul
 RT: 27.233 min Scan# 6027
 Delta R.T. -0.003 min
 Lab File: BM041846.D
 Acq: 14 Sep 2023 00:56

Instrument :
 BNA_M
 ClientSampleId :
 EZYK0DL



Tgt Ion:276 Resp: 138520
 Ion Ratio Lower Upper
 276 100
 138 30.5 24.7 37.1
 277 24.1 19.3 28.9

