

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091323\
 Data File : BM041873.D
 Acq On : 14 Sep 2023 20:39
 Operator : MA/JU
 Sample : 04175-22DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EZYW5DL

Quant Time: Sep 15 00:30:34 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)

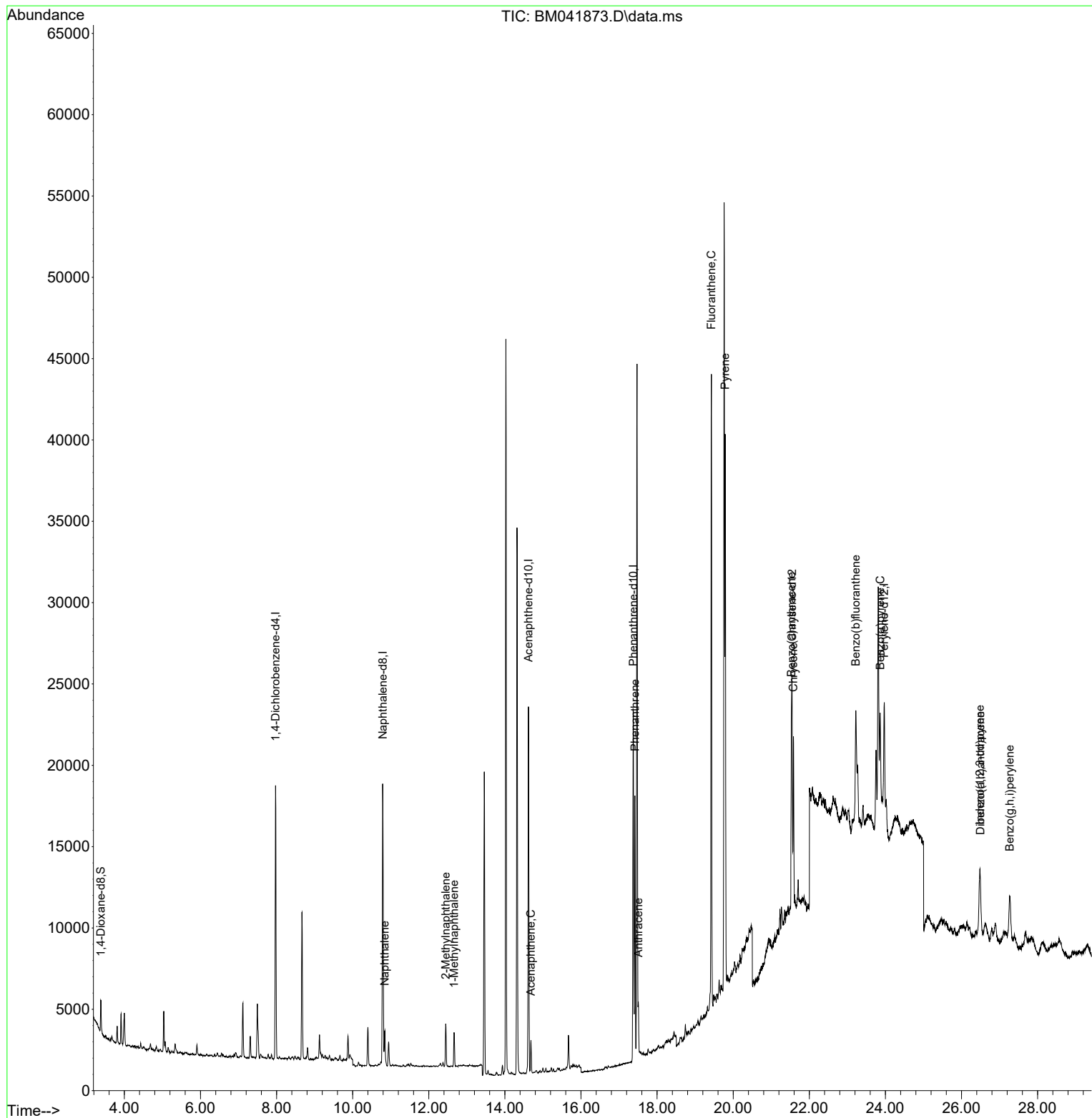
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	8230	0.400	ng/ul	0.00
4) Naphthalene-d8	10.790	136	22305	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.620	164	11548	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.375	188	23469	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	9933	0.400	ng/ul	# 0.00
23) Perylene-d12	23.971	264	8654	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.385	96	1263	0.121	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.374	152	306	0.010	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	540	0.016	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.845	128	3071	0.041	ng/ul#	89
7) 2-Methylnaphthalene	12.445	142	1855	0.041	ng/ul	99
8) 1-Methylnaphthalene	12.665	142	1417	0.031	ng/ul	99
11) Acenaphthene	14.684	153	1161	0.021	ng/ul	94
15) Phenanthrene	17.417	178	16926	0.165	ng/ul	98
16) Anthracene	17.506	178	3050	0.034	ng/ul#	82
19) Fluoranthene	19.427	202	31574	0.410	ng/ul	99
20) Pyrene	19.789	202	27278	0.339	ng/ul	97
21) Benzo(a)anthracene	21.527	228	9392	0.143	ng/ul#	62
22) Chrysene	21.582	228	9578	0.143	ng/ul#	59
24) Benzo(b)fluoranthene	23.222	252	11662	0.189	ng/ul#	4
26) Benzo(a)pyrene	23.862	252	8040	0.171	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.481	276	6904	0.096	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.495	278	1730	0.032	ng/ul#	1
29) Benzo(g,h,i)perylene	27.266	276	5897	0.097	ng/ul#	36

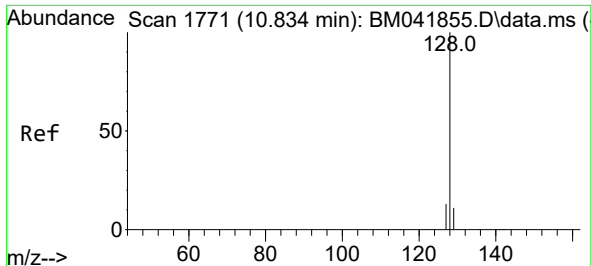
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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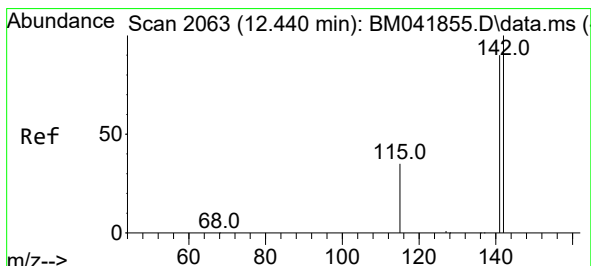
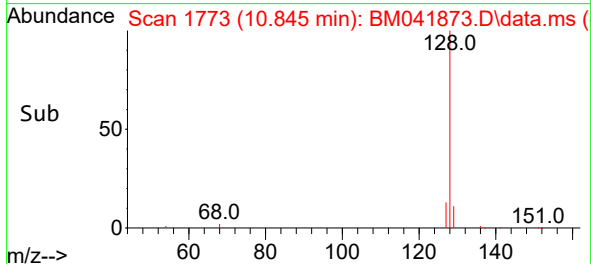
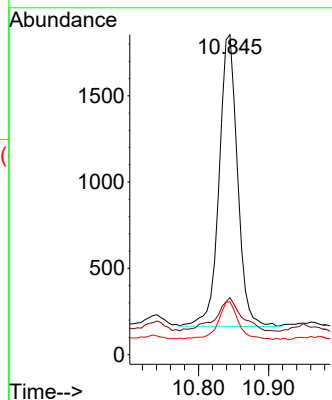
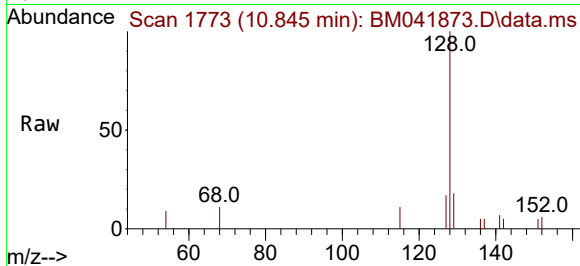




#5
Naphthalene
Concen: 0.041 ng/ul
RT: 10.845 min Scan# 1773
Delta R.T. 0.005 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

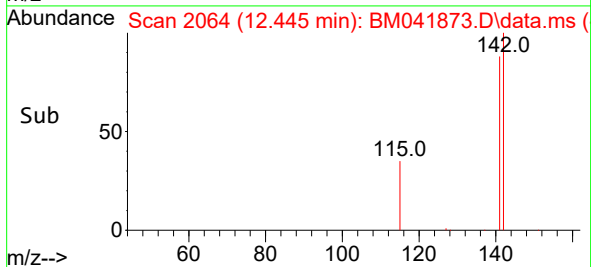
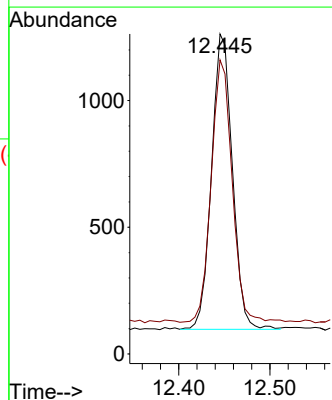
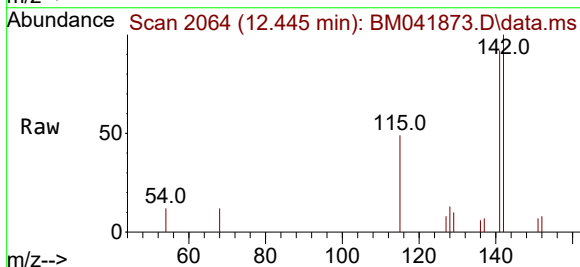
Instrument :
BNA_M
ClientSampleId :
EZYW5DL

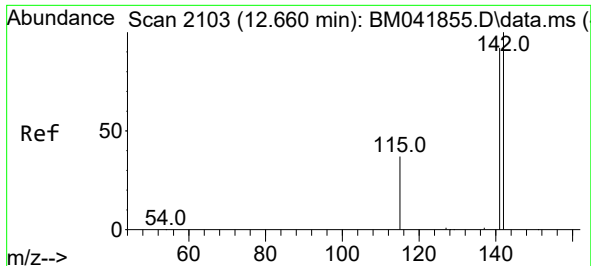
Tgt Ion:128 Resp: 3071
Ion Ratio Lower Upper
128 100
129 17.8 9.5 14.3#
127 16.6 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.445 min Scan# 2064
Delta R.T. -0.000 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

Tgt Ion:142 Resp: 1855
Ion Ratio Lower Upper
142 100
141 89.2 72.1 108.1

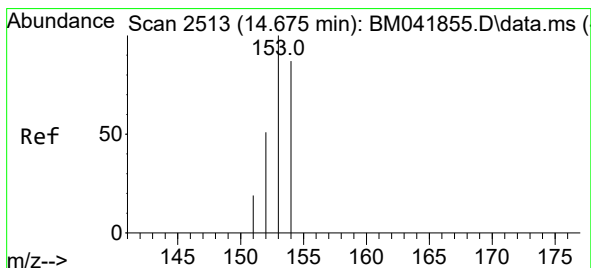
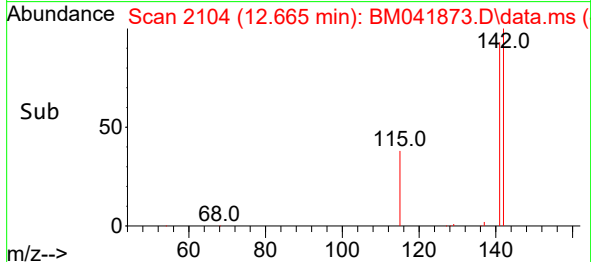
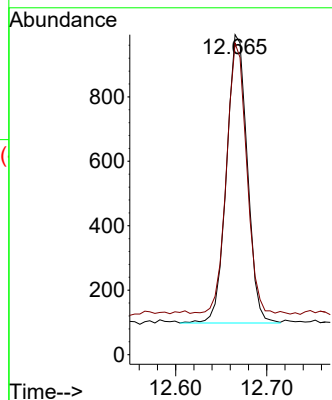
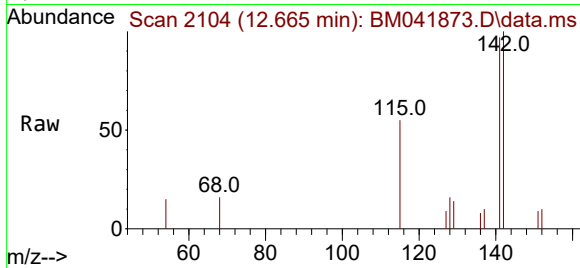




#8
1-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.665 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

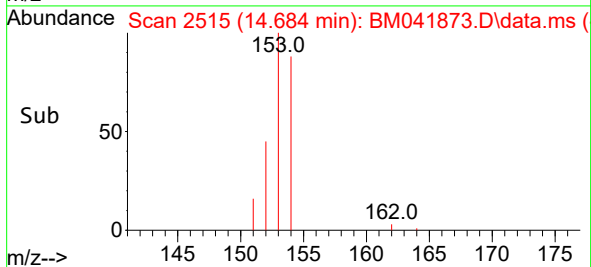
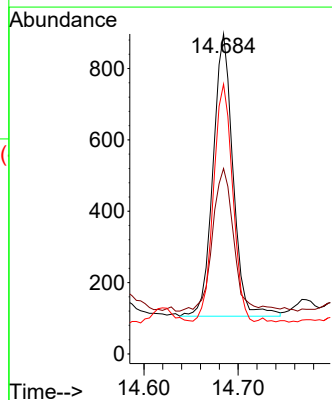
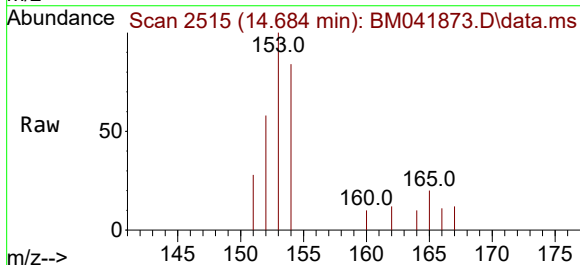
Instrument :
BNA_M
ClientSampleId :
EZYW5DL

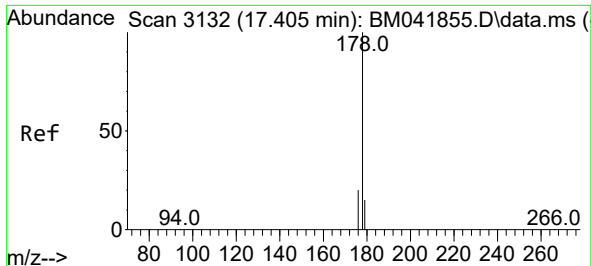
Tgt Ion:142 Resp: 1417
Ion Ratio Lower Upper
142 100
141 91.5 74.3 111.5



#11
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.684 min Scan# 2515
Delta R.T. 0.004 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

Tgt Ion:153 Resp: 1161
Ion Ratio Lower Upper
153 100
152 58.0 41.5 62.3
154 84.3 70.7 106.1

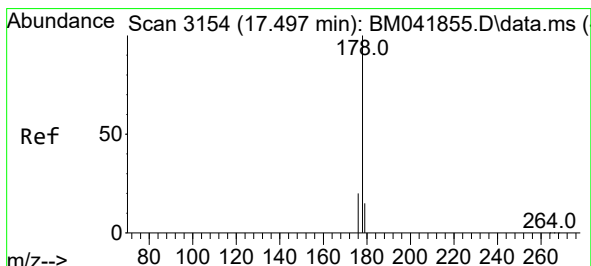
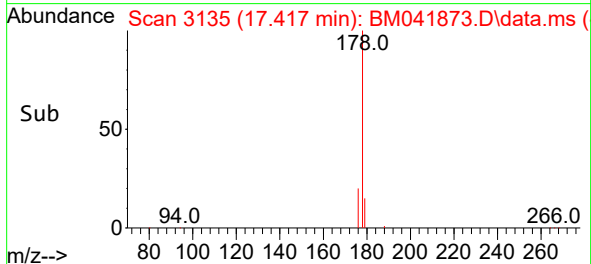
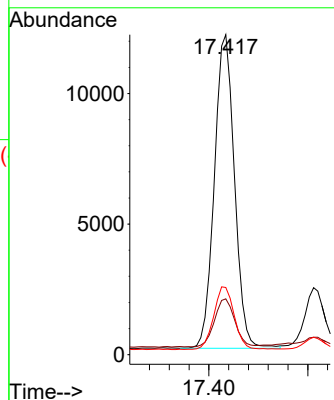
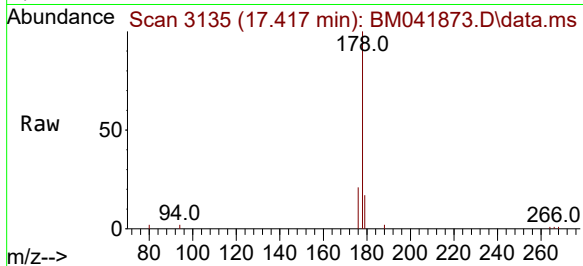




#15
Phenanthrene
Concen: 0.165 ng/ul
RT: 17.417 min Scan# 3132
Delta R.T. 0.008 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

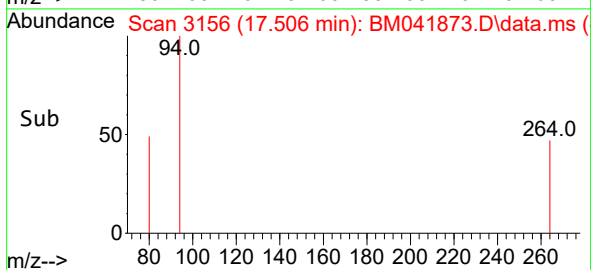
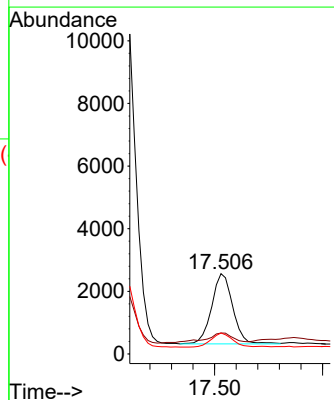
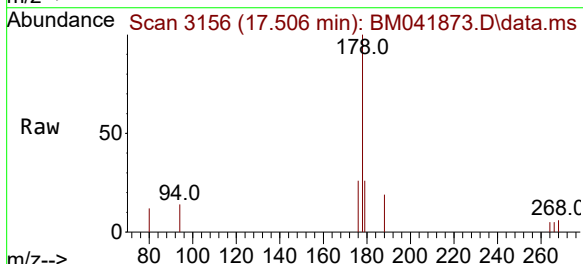
Instrument :
BNA_M
ClientSampleId :
EZYW5DL

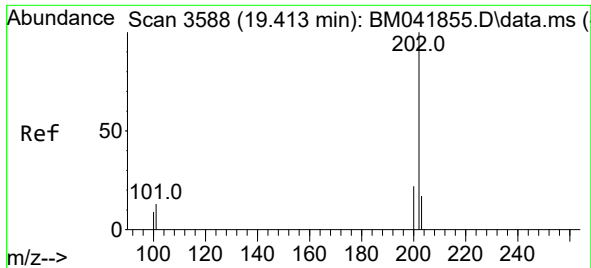
Tgt Ion:178 Resp: 16926
Ion Ratio Lower Upper
178 100
179 17.5 12.6 19.0
176 21.0 16.6 25.0



#16
Anthracene
Concen: 0.034 ng/ul
RT: 17.506 min Scan# 3156
Delta R.T. 0.004 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

Tgt Ion:178 Resp: 3050
Ion Ratio Lower Upper
178 100
179 26.1 12.7 19.1#
176 26.1 16.1 24.1#

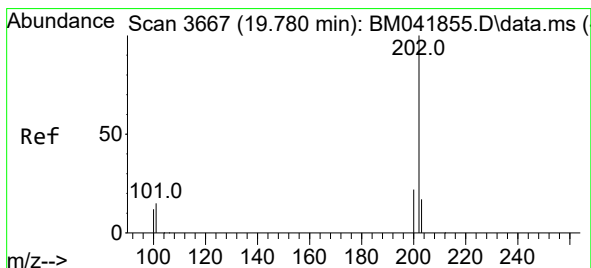
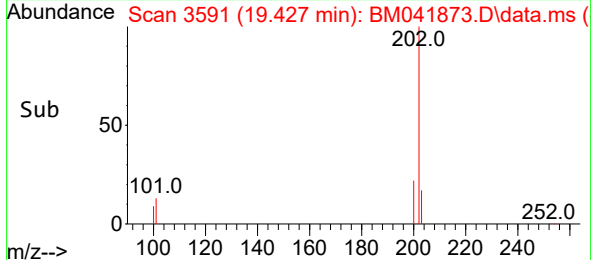
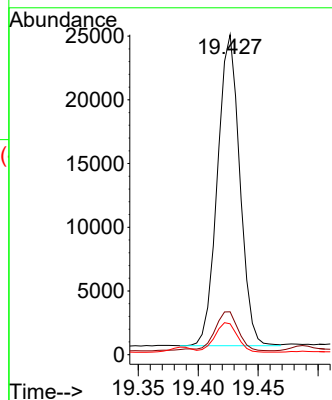
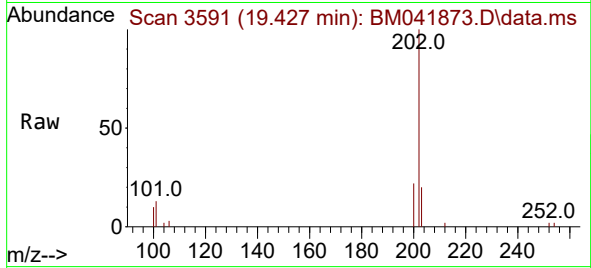




#19
Fluoranthene
Concen: 0.410 ng/ul
RT: 19.427 min Scan# 31
Delta R.T. 0.009 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

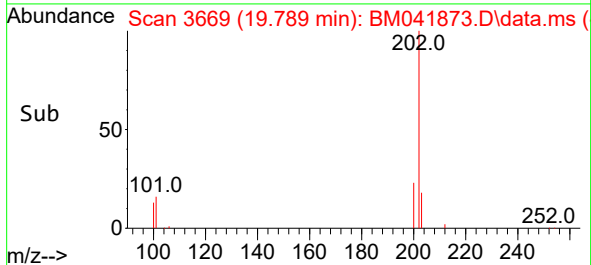
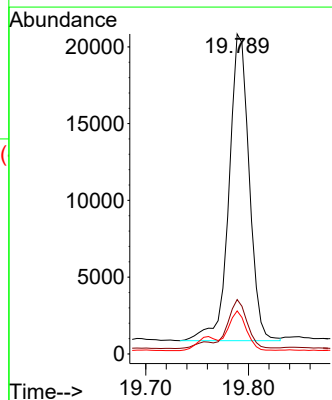
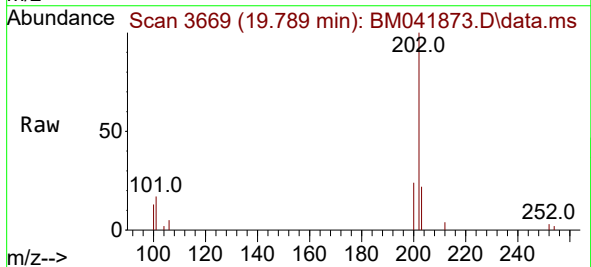
Instrument :
BNA_M
ClientSampleId :
EZYW5DL

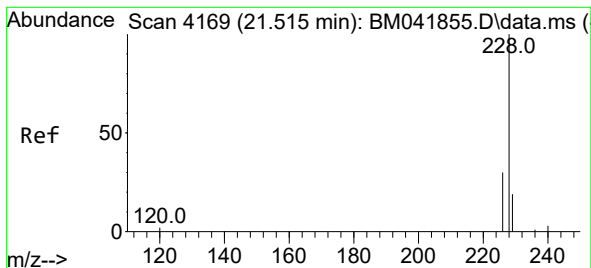
Tgt Ion:202 Resp: 31574
Ion Ratio Lower Upper
202 100
101 13.4 11.0 16.6
100 9.7 8.2 12.4



#20
Pyrene
Concen: 0.339 ng/ul
RT: 19.789 min Scan# 3669
Delta R.T. 0.004 min
Lab File: BM041873.D
Acq: 14 Sep 2023 20:39

Tgt Ion:202 Resp: 27278
Ion Ratio Lower Upper
202 100
101 17.0 12.6 19.0
100 13.4 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.143 ng/ul

RT: 21.527 min Scan# 41

Delta R.T. 0.006 min

Lab File: BM041873.D

Acq: 14 Sep 2023 20:39

Instrument :

BNA_M

ClientSampleId :

EZYW5DL

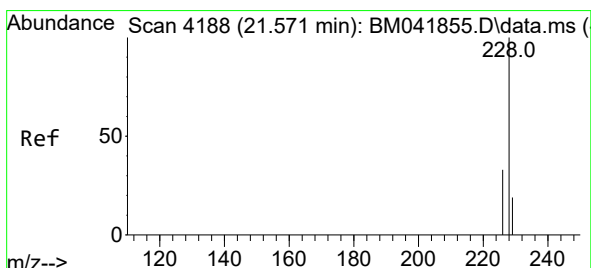
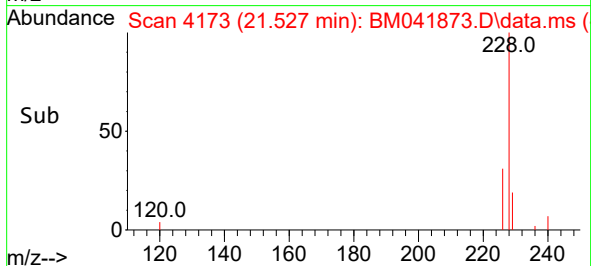
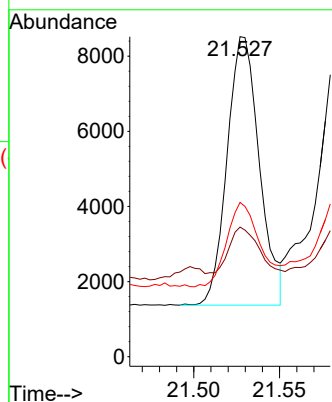
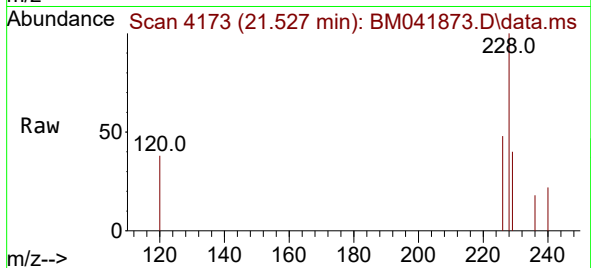
Tgt Ion:228 Resp: 9392

Ion Ratio Lower Upper

228 100

229 40.5 15.8 23.8#

226 48.2 24.3 36.5#



#22

Chrysene

Concen: 0.143 ng/ul

RT: 21.582 min Scan# 4192

Delta R.T. 0.006 min

Lab File: BM041873.D

Acq: 14 Sep 2023 20:39

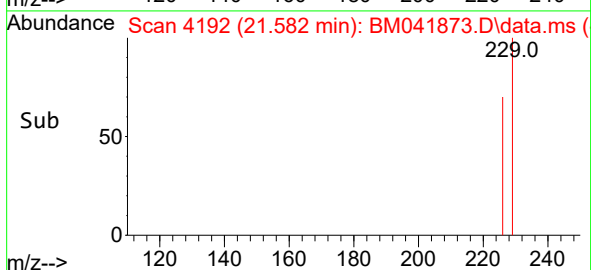
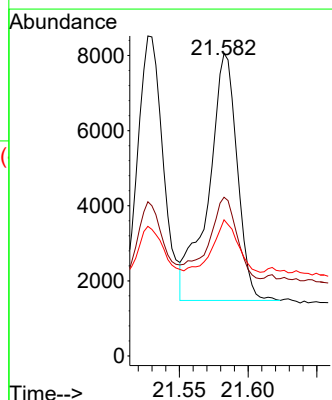
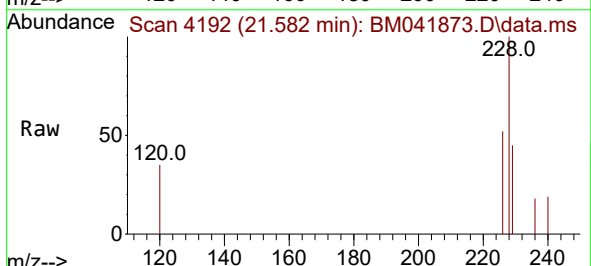
Tgt Ion:228 Resp: 9578

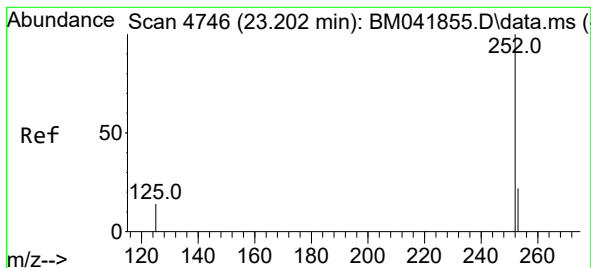
Ion Ratio Lower Upper

228 100

226 52.5 27.0 40.4#

229 45.0 15.7 23.5#





#24

Benzo(b)fluoranthene

Concen: 0.189 ng/ul

RT: 23.222 min Scan# 41

Delta R.T. 0.014 min

Lab File: BM041873.D

Acq: 14 Sep 2023 20:39

Instrument :

BNA_M

ClientSampleId :

EZYW5DL

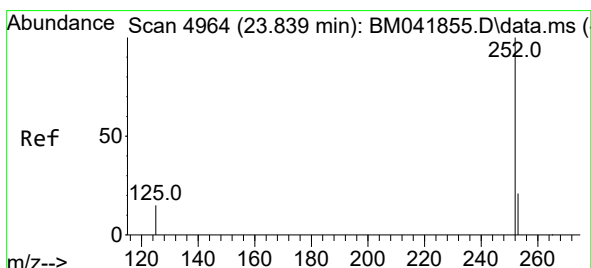
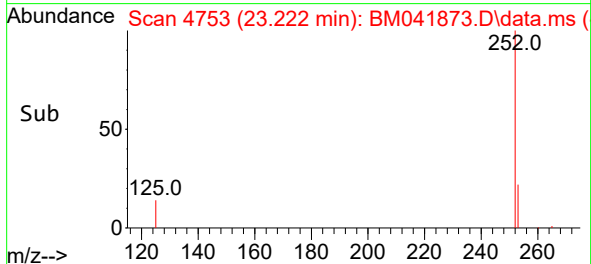
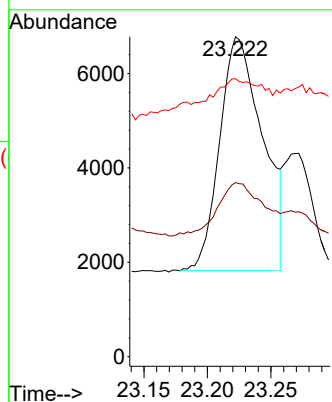
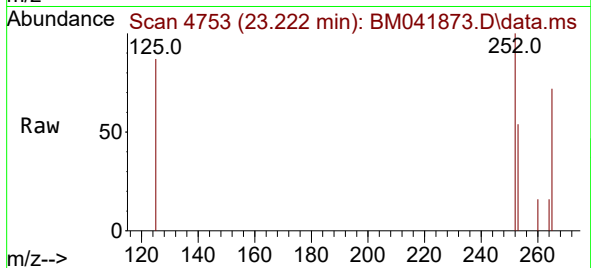
Tgt Ion:252 Resp: 11662

Ion Ratio Lower Upper

252 100

253 54.4 0.0 51.0#

125 86.9 0.0 39.8#



#26

Benzo(a)pyrene

Concen: 0.171 ng/ul

RT: 23.862 min Scan# 4972

Delta R.T. 0.017 min

Lab File: BM041873.D

Acq: 14 Sep 2023 20:39

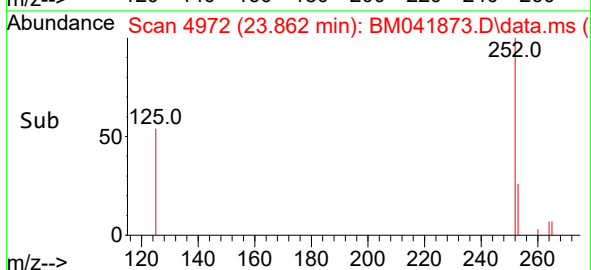
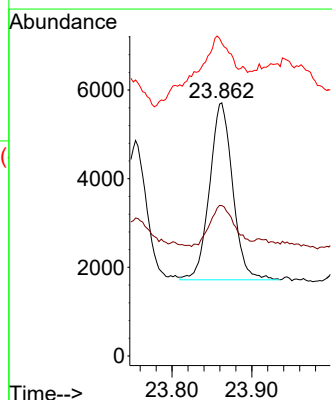
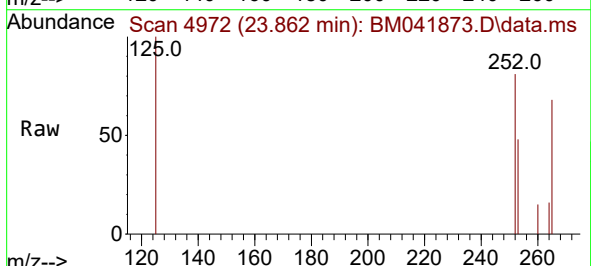
Tgt Ion:252 Resp: 8040

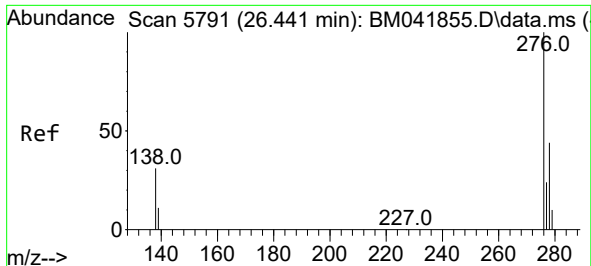
Ion Ratio Lower Upper

252 100

253 59.4 21.8 32.8#

125 123.5 18.8 28.2#

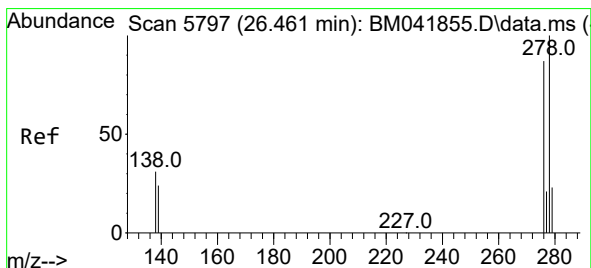
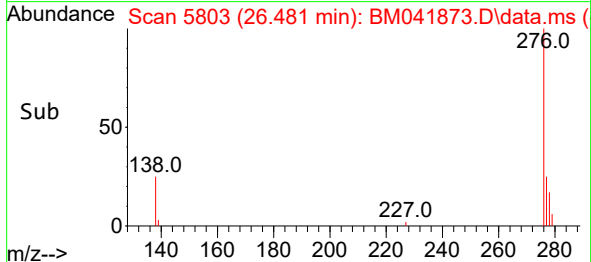
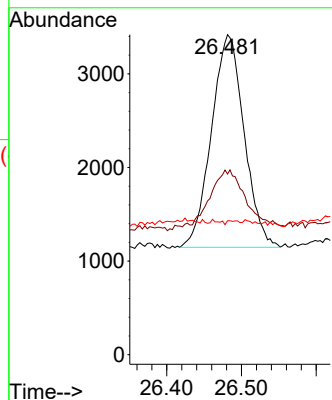
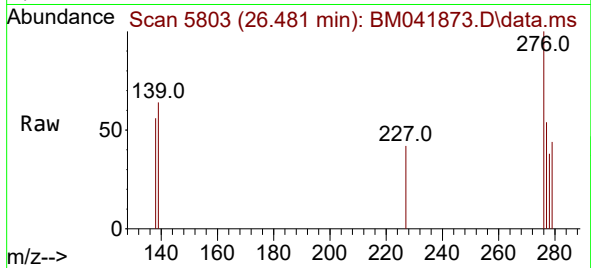




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.096 ng/ul
 RT: 26.481 min Scan# 5803
 Delta R.T. 0.027 min
 Lab File: BM041873.D
 Acq: 14 Sep 2023 20:39

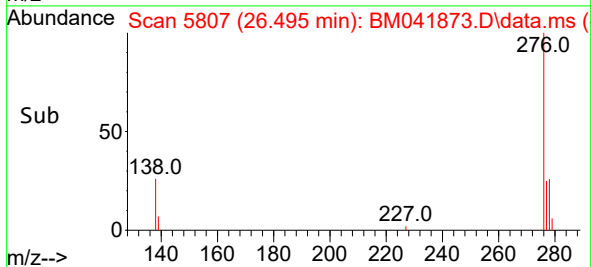
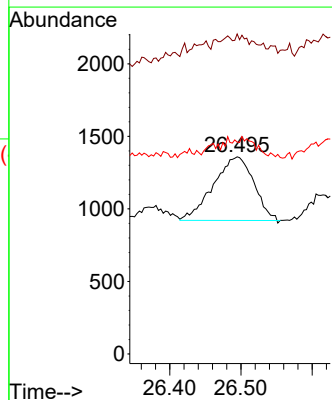
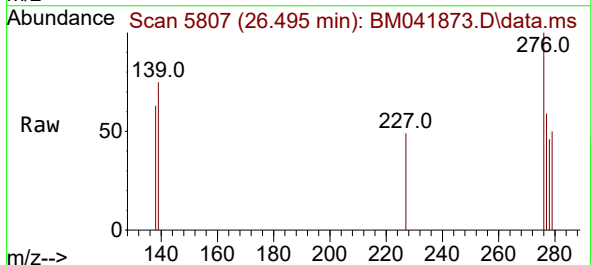
Instrument :
 BNA_M
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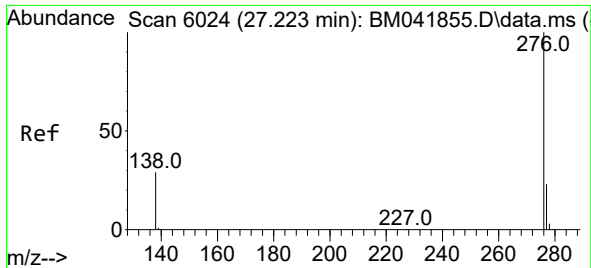
Tgt Ion:276 Resp: 6904
 Ion Ratio Lower Upper
 276 100
 138 27.7 27.7 41.5#
 227 0.7 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.032 ng/ul
 RT: 26.495 min Scan# 5807
 Delta R.T. 0.020 min
 Lab File: BM041873.D
 Acq: 14 Sep 2023 20:39

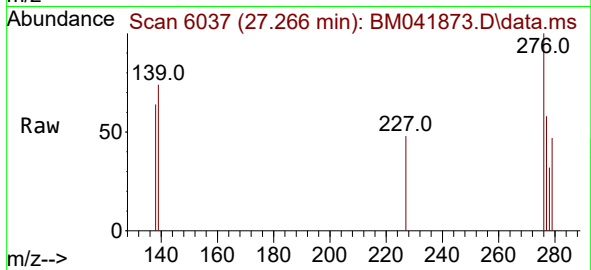
Tgt Ion:278 Resp: 1730
 Ion Ratio Lower Upper
 278 100
 139 162.3 20.9 31.3#
 279 107.5 20.3 30.5#





#29
 Benzo(g,h,i)perylene
 Concen: 0.097 ng/ul
 RT: 27.266 min Scan# 60
 Delta R.T. 0.030 min
 Lab File: BM041873.D
 Acq: 14 Sep 2023 20:39

Instrument :
 BNA_M
 ClientSampleId :
 EZYW5DL



Tgt Ion:276 Resp: 5897
 Ion Ratio Lower Upper
 276 100
 138 64.0 24.7 37.1#
 277 57.8 19.3 28.9#

