

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023396.D
 Acq On : 24 Dec 2022 06:28
 Operator : CG/JU
 Sample : N6008-20DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXY2DL

Quant Time: Dec 24 23:16:42 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

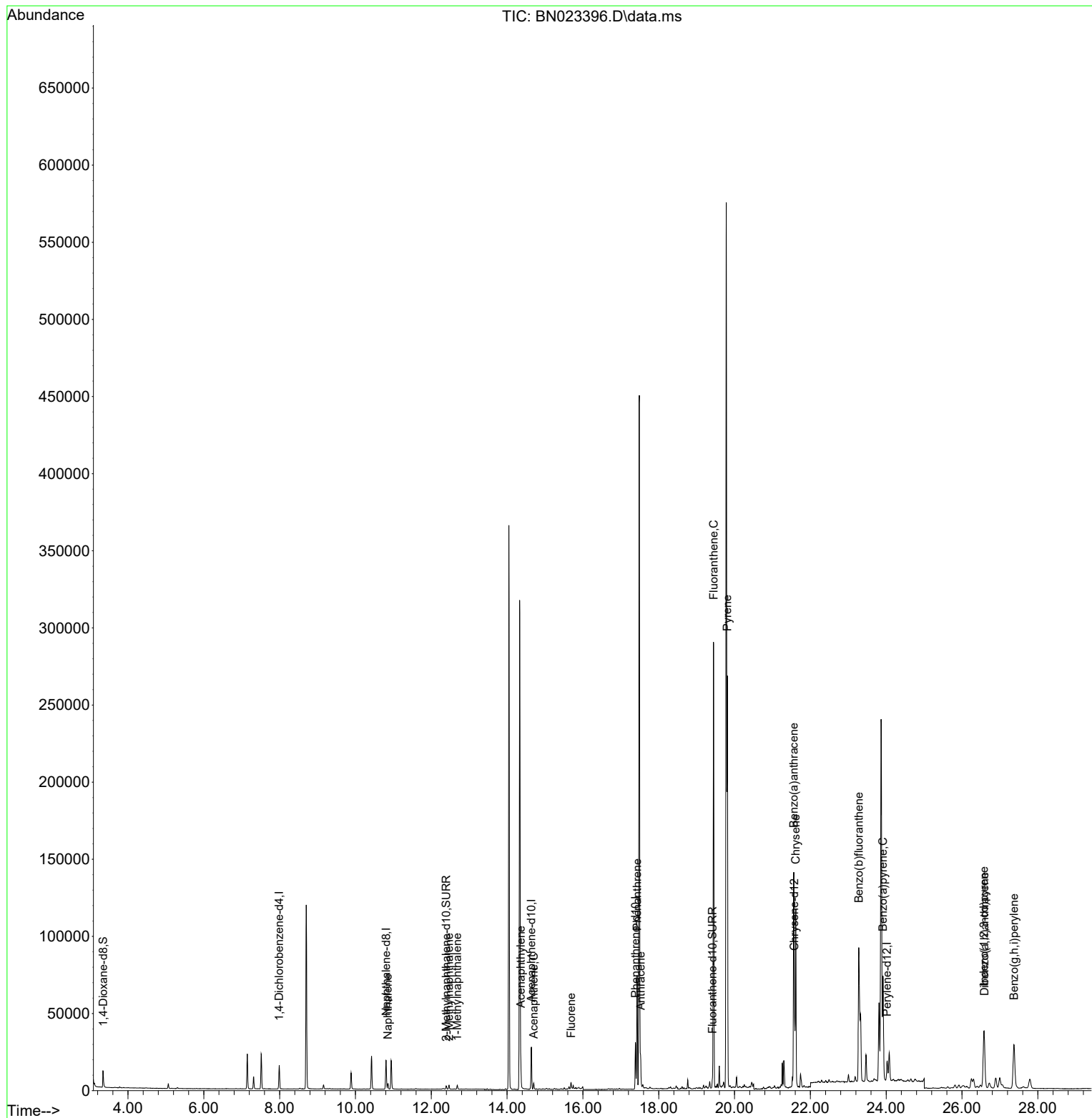
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.989	152	7347	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	24894	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	14459	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	33509	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	23249	0.400	ng/ul	0.00
23) Perylene-d12	24.023	264	17551	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	7319	0.917	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	2686	0.070	ng/ul	-0.01
18) Fluoranthene-d10	19.415	212	6256	0.074	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	4833	0.066	ng/ul#	96
7) 2-Methylnaphthalene	12.470	142	1840	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.685	142	1759	0.037	ng/ul	99
10) Acenaphthylene	14.358	152	17901	0.279	ng/ul	99
11) Acenaphthene	14.701	153	2284	0.042	ng/ul	98
12) Fluorene	15.686	166	2855	0.047	ng/ul#	96
15) Phenanthrene	17.428	178	74934	0.687	ng/ul	100
16) Anthracene	17.521	178	19213	0.212	ng/ul	99
19) Fluoranthene	19.448	202	241795	2.144	ng/ul	98
20) Pyrene	19.810	202	210168	1.849	ng/ul	98
21) Benzo(a)anthracene	21.562	228	114338	1.263	ng/ul	96
22) Chrysene	21.615	228	113273	1.231	ng/ul	97
24) Benzo(b)fluoranthene	23.278	252	203628	2.243	ng/ul	96
26) Benzo(a)pyrene	23.915	252	94900	1.320	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.579	276	65016	0.775	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.592	278	15125	0.232	ng/ul#	89
29) Benzo(g,h,i)perylene	27.370	276	62828	0.919	ng/ul	99

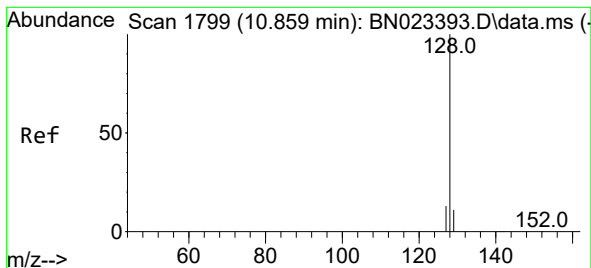
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.066 ng/ul

RT: 10.854 min Scan# 1799

Delta R.T. -0.011 min

Lab File: BN023396.D

Acq: 24 Dec 2022 06:28

Instrument :

BNA_N

ClientSampleId :

DBXY2DL

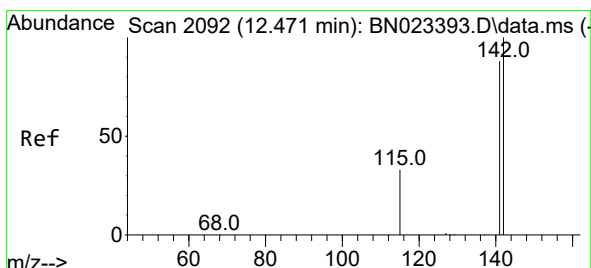
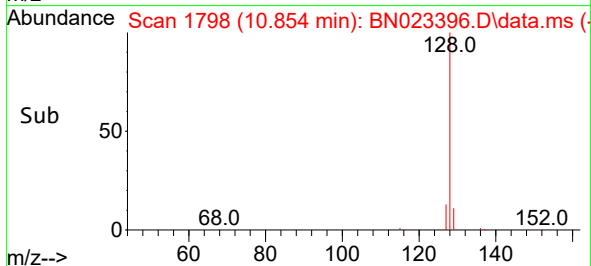
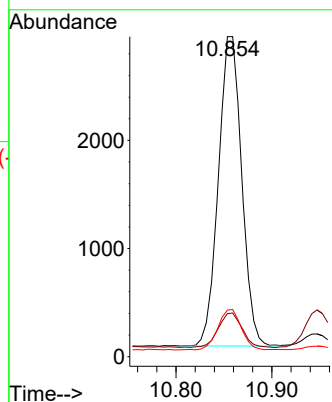
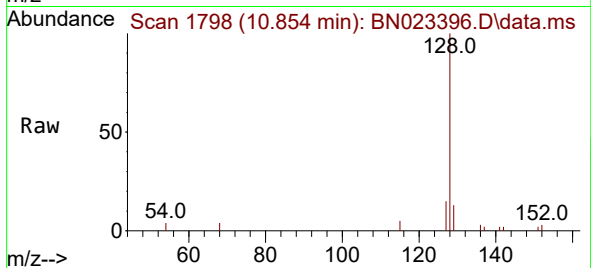
Tgt Ion:128 Resp: 4833

Ion Ratio Lower Upper

128 100

129 13.5 9.0 13.4#

127 14.6 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.039 ng/ul

RT: 12.470 min Scan# 2092

Delta R.T. -0.006 min

Lab File: BN023396.D

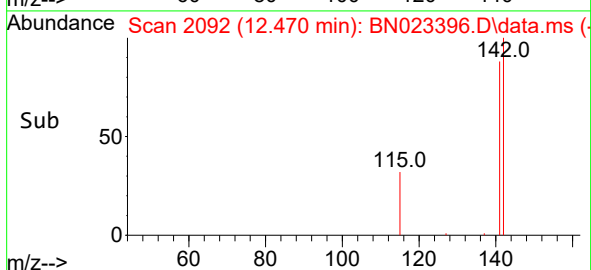
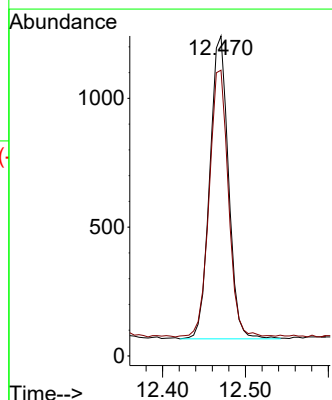
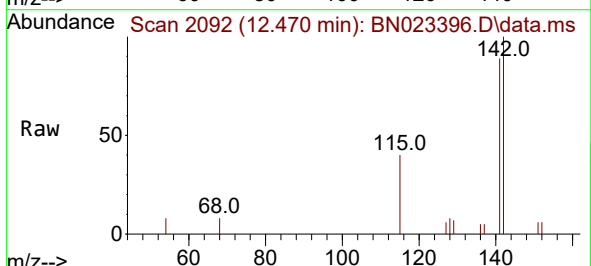
Acq: 24 Dec 2022 06:28

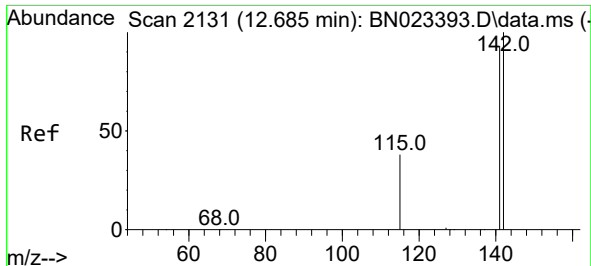
Tgt Ion:142 Resp: 1840

Ion Ratio Lower Upper

142 100

141 90.5 71.4 107.2

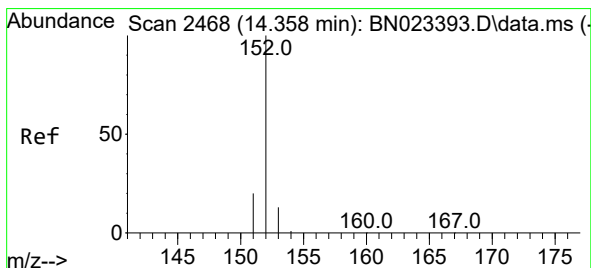
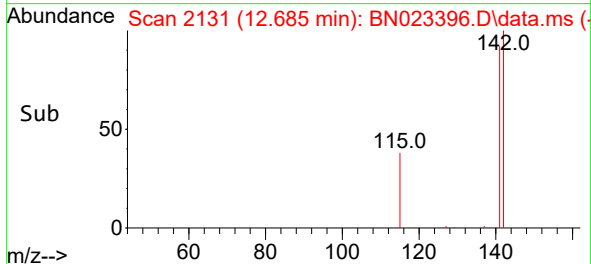
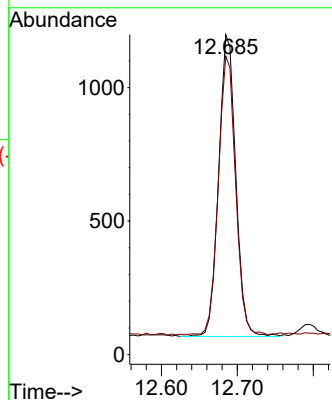
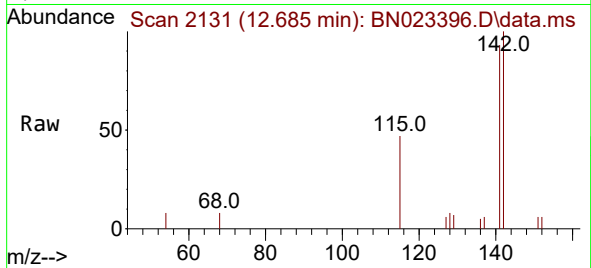




#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN023396.D
Acq: 24 Dec 2022 06:28

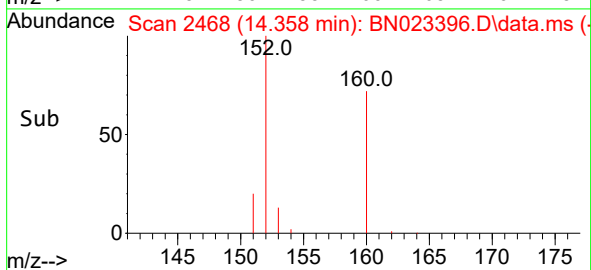
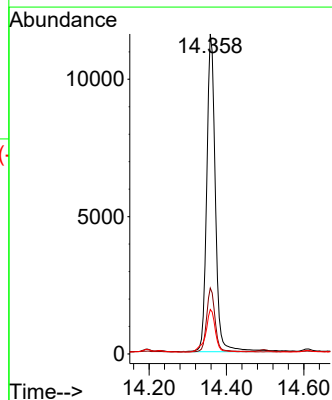
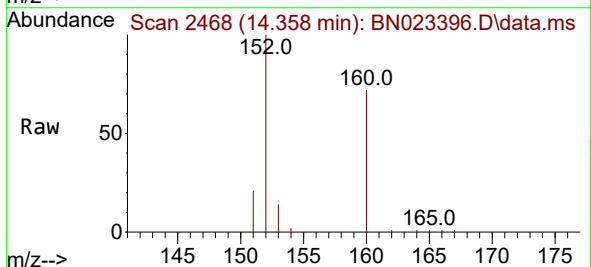
Instrument :
BNA_N
ClientSampleId :
DBXY2DL

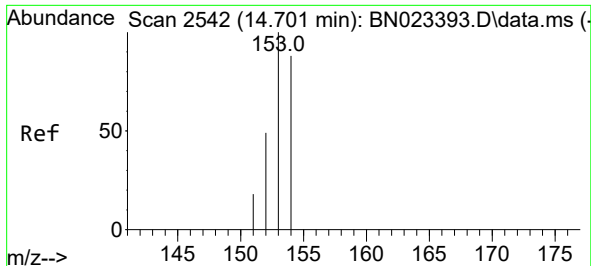
Tgt Ion:142 Resp: 1759
Ion Ratio Lower Upper
142 100
141 93.3 74.0 111.0



#10
Acenaphthylene
Concen: 0.279 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. -0.010 min
Lab File: BN023396.D
Acq: 24 Dec 2022 06:28

Tgt Ion:152 Resp: 17901
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 13.9 10.9 16.3

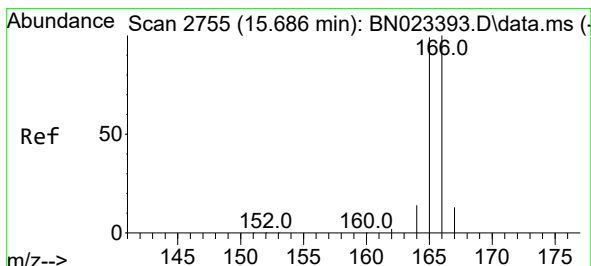
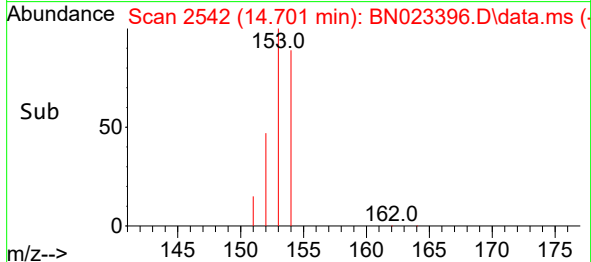
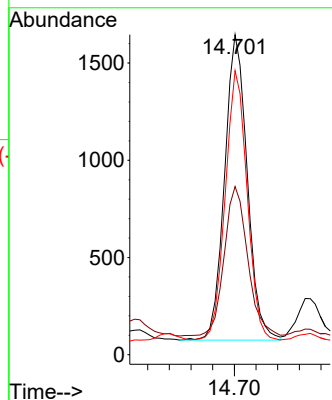
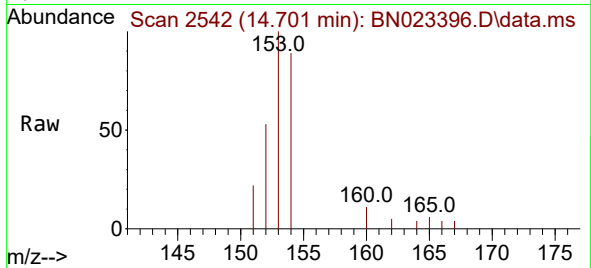




#11
Acenaphthene
Concen: 0.042 ng/ul
RT: 14.701 min Scan# 213
Delta R.T. -0.006 min
Lab File: BN023396.D
Acq: 24 Dec 2022 06:28

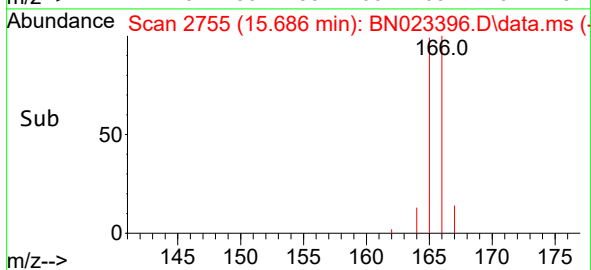
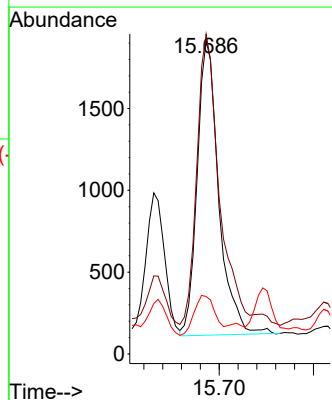
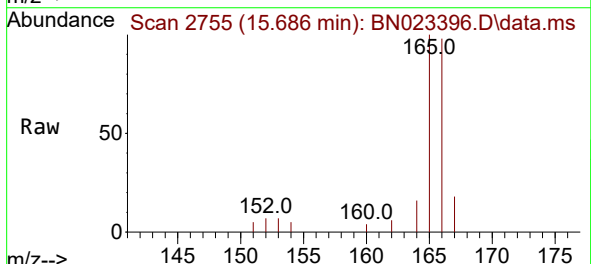
Instrument :
BNA_N
ClientSampleId :
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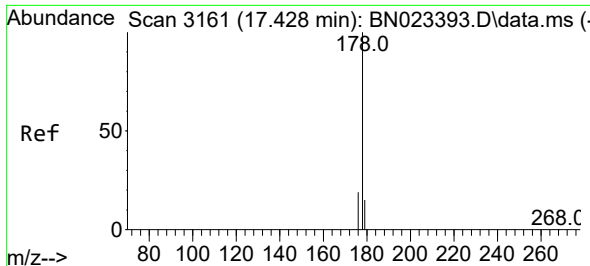
Tgt Ion:153 Resp: 2284
Ion Ratio Lower Upper
153 100
152 52.6 41.0 61.4
154 88.8 69.5 104.3



#12
Fluorene
Concen: 0.047 ng/ul
RT: 15.686 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BN023396.D
Acq: 24 Dec 2022 06:28

Tgt Ion:166 Resp: 2855
Ion Ratio Lower Upper
166 100
165 102.1 79.1 118.7
167 18.3 11.0 16.4#

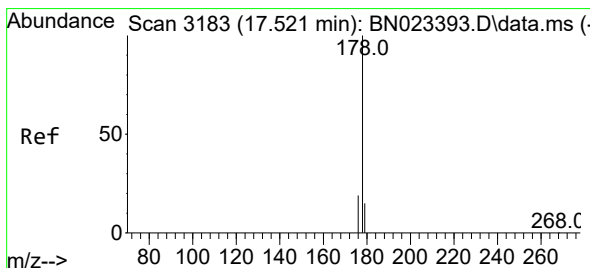
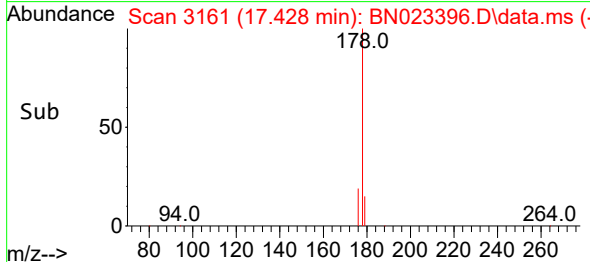
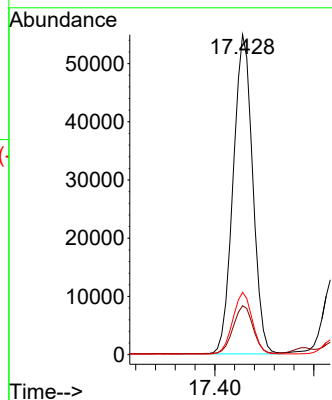
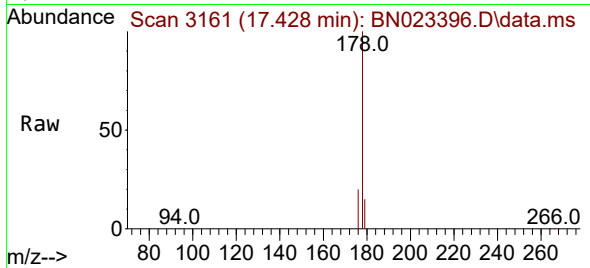




#15
Phenanthrene
Concen: 0.687 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023396.D
Acq: 24 Dec 2022 06:28

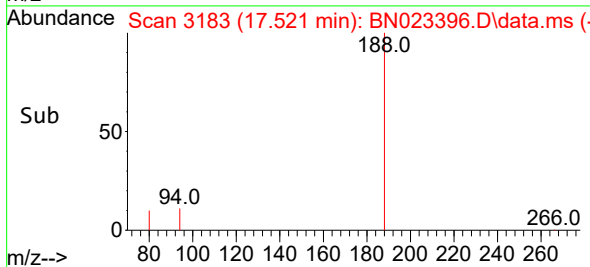
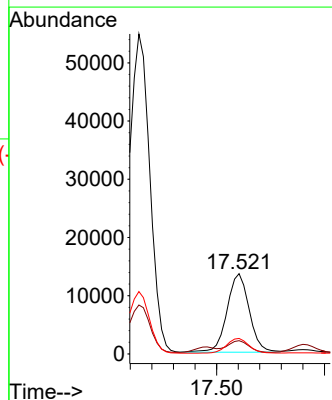
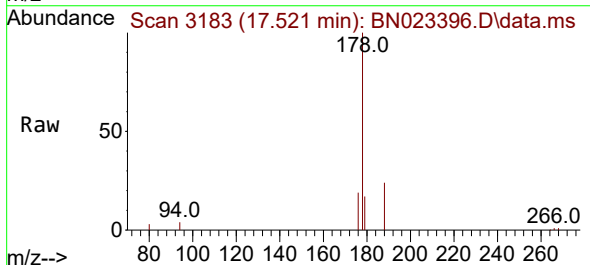
Instrument :
BNA_N
ClientSampleId :
DBXY2DL

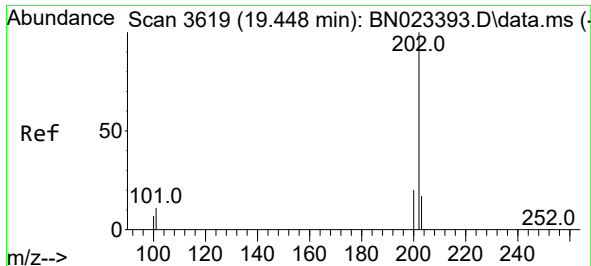
Tgt Ion:178 Resp: 74934
Ion Ratio Lower Upper
178 100
179 15.3 12.5 18.7
176 19.5 15.7 23.5



#16
Anthracene
Concen: 0.212 ng/ul
RT: 17.521 min Scan# 3183
Delta R.T. -0.005 min
Lab File: BN023396.D
Acq: 24 Dec 2022 06:28

Tgt Ion:178 Resp: 19213
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 19.4 15.4 23.0





#19

Fluoranthene

Concen: 2.144 ng/ul

RT: 19.448 min Scan# 3619

Delta R.T. -0.001 min

Lab File: BN023396.D

Acq: 24 Dec 2022 06:28

Instrument :

BNA_N

ClientSampleId :

DBXY2DL

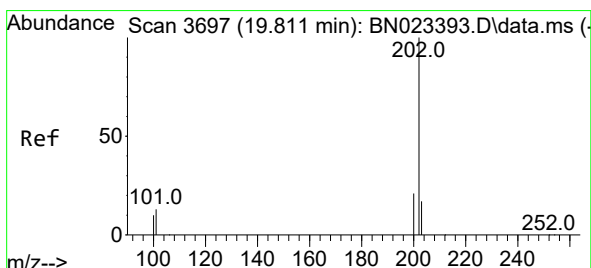
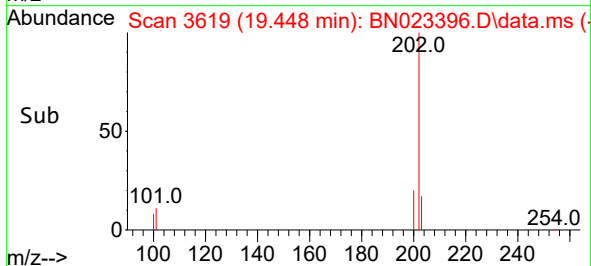
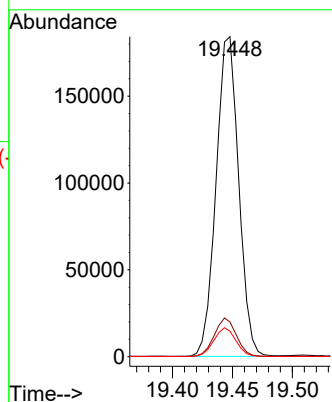
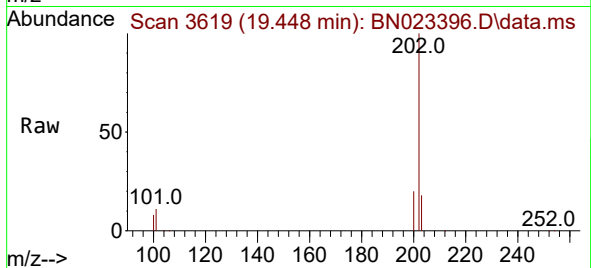
Tgt Ion:202 Resp: 241795

Ion Ratio Lower Upper

202 100

101 10.9 9.4 14.2

100 8.0 7.0 10.6



#20

Pyrene

Concen: 1.849 ng/ul

RT: 19.810 min Scan# 3697

Delta R.T. -0.001 min

Lab File: BN023396.D

Acq: 24 Dec 2022 06:28

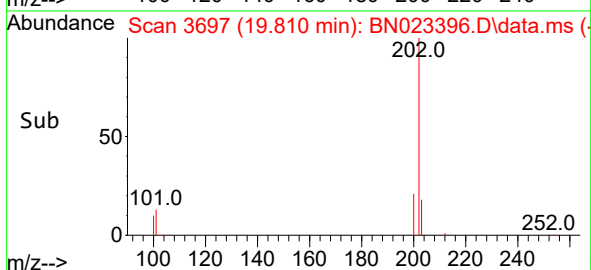
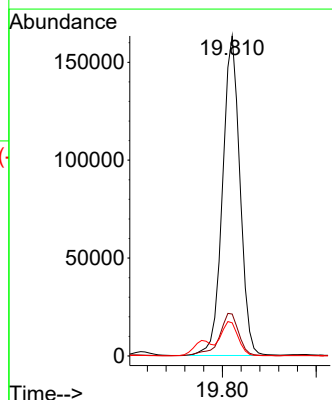
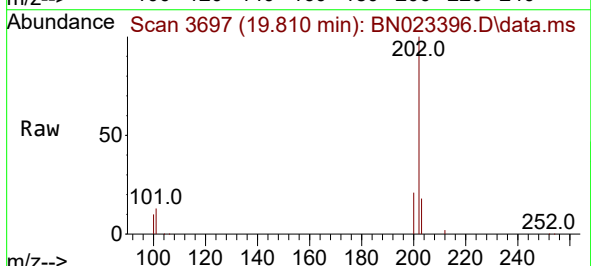
Tgt Ion:202 Resp: 210168

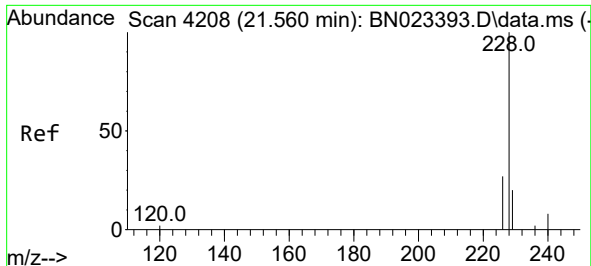
Ion Ratio Lower Upper

202 100

101 13.1 11.3 16.9

100 10.4 9.0 13.4

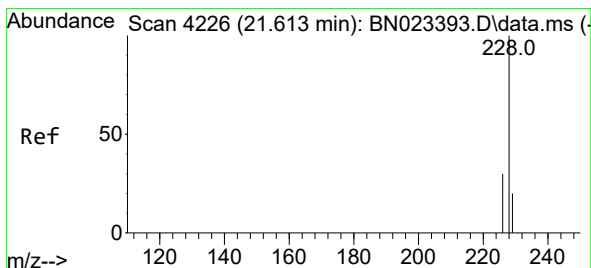
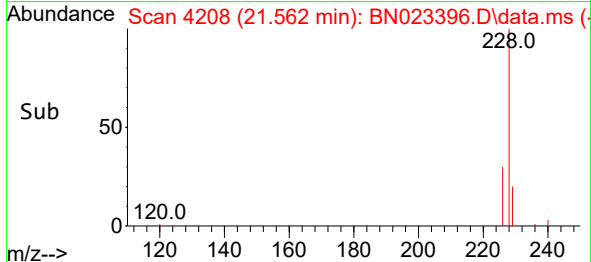
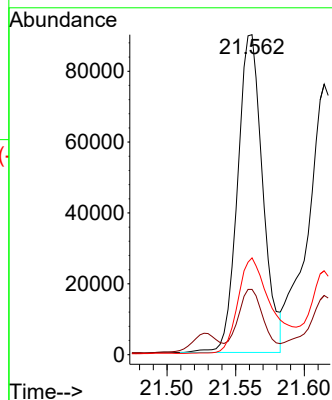
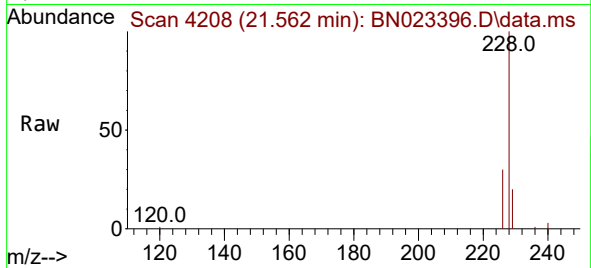




#21
Benzo(a)anthracene
Concen: 1.263 ng/ul
RT: 21.562 min Scan# 4208
Delta R.T. 0.001 min
Lab File: BN023396.D
Acq: 24 Dec 2022 06:28

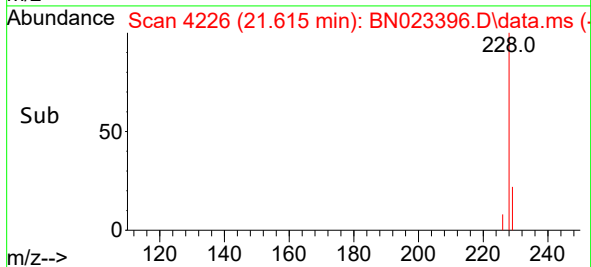
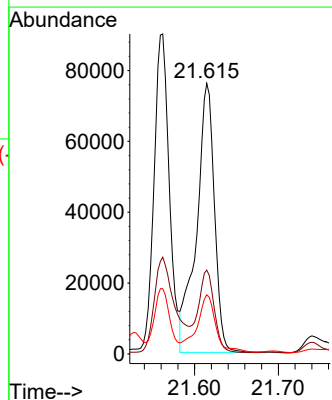
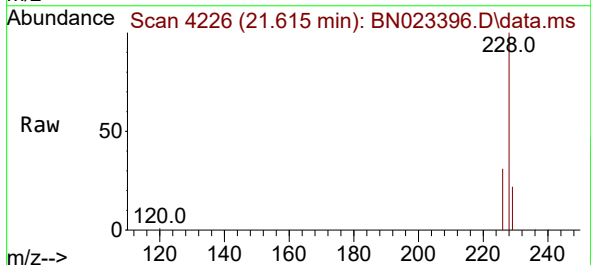
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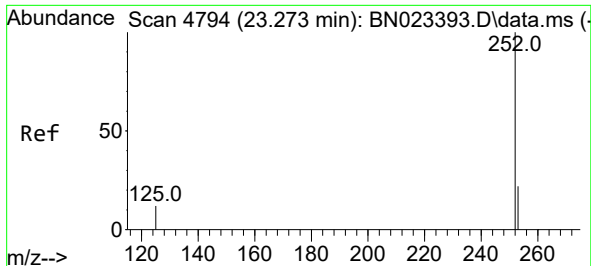
Tgt Ion:228 Resp: 114338
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 30.2 22.2 33.2



#22
Chrysene
Concen: 1.231 ng/ul
RT: 21.615 min Scan# 4226
Delta R.T. -0.002 min
Lab File: BN023396.D
Acq: 24 Dec 2022 06:28

Tgt Ion:228 Resp: 113273
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 21.9 15.8 23.6

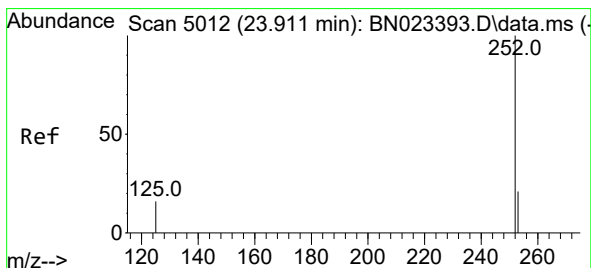
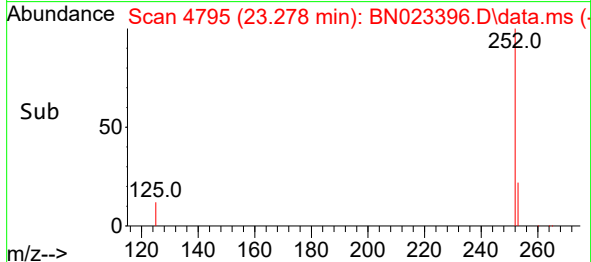
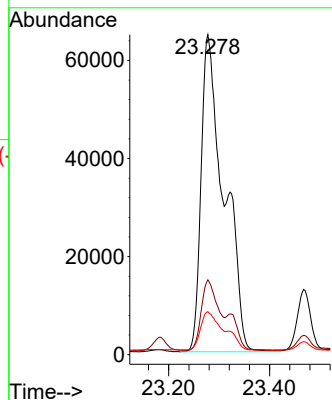
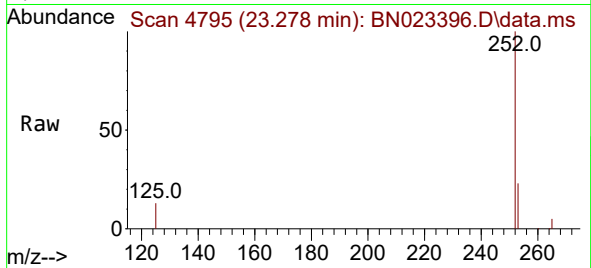




#24
Benzo(b)fluoranthene
Concen: 2.243 ng/ul
RT: 23.278 min Scan# 4794
Delta R.T. 0.004 min
Lab File: BN023396.D
Acq: 24 Dec 2022 06:28

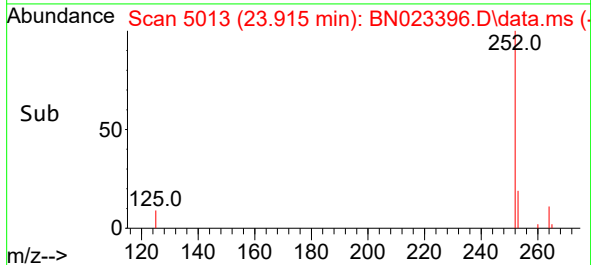
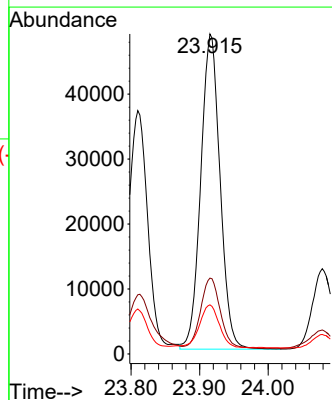
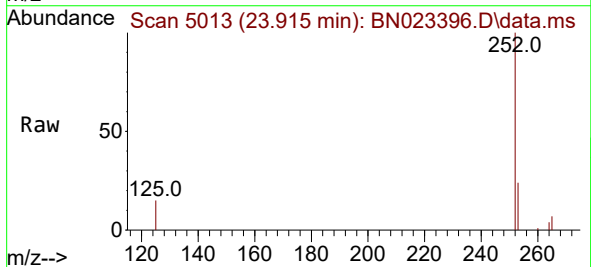
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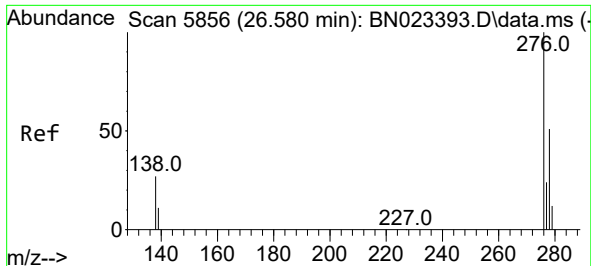
Tgt Ion:252 Resp: 203628
Ion Ratio Lower Upper
252 100
253 23.4 0.0 49.2
125 13.5 0.0 31.8



#26
Benzo(a)pyrene
Concen: 1.320 ng/ul
RT: 23.915 min Scan# 5013
Delta R.T. 0.001 min
Lab File: BN023396.D
Acq: 24 Dec 2022 06:28

Tgt Ion:252 Resp: 94900
Ion Ratio Lower Upper
252 100
253 23.7 21.4 32.2
125 15.4 16.2 24.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.775 ng/ul

RT: 26.579 min Scan# 5855

Delta R.T. 0.001 min

Lab File: BN023396.D

Acq: 24 Dec 2022 06:28

Instrument :

BNA_N

ClientSampleId :

DBXY2DL

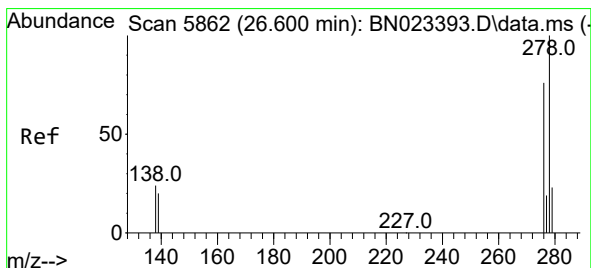
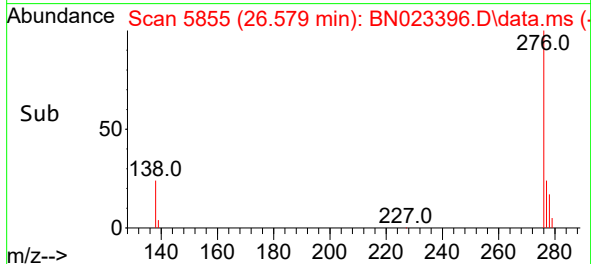
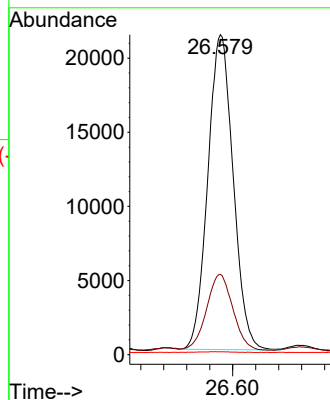
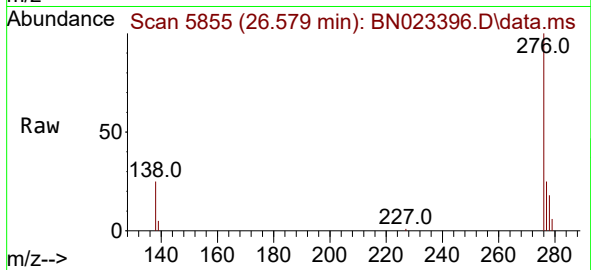
Tgt Ion:276 Resp: 65016

Ion Ratio Lower Upper

276 100

138 25.2 23.4 35.2

227 0.3 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.232 ng/ul

RT: 26.592 min Scan# 5859

Delta R.T. -0.009 min

Lab File: BN023396.D

Acq: 24 Dec 2022 06:28

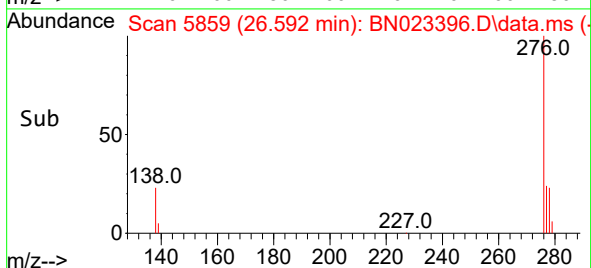
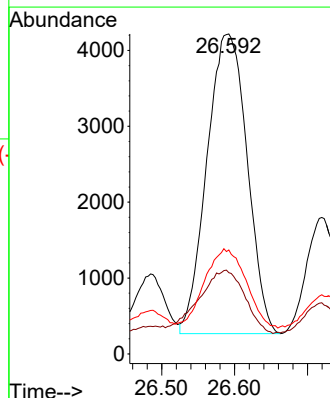
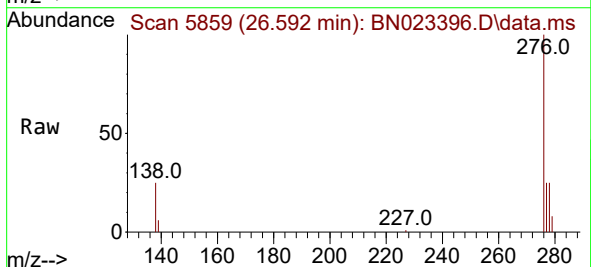
Tgt Ion:278 Resp: 15125

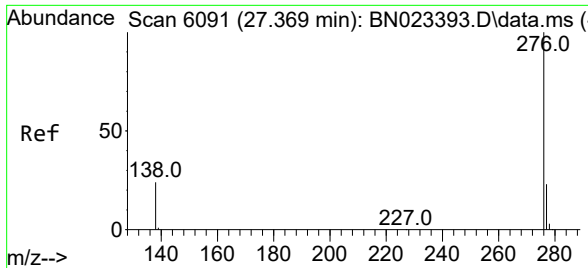
Ion Ratio Lower Upper

278 100

139 25.4 16.6 24.8#

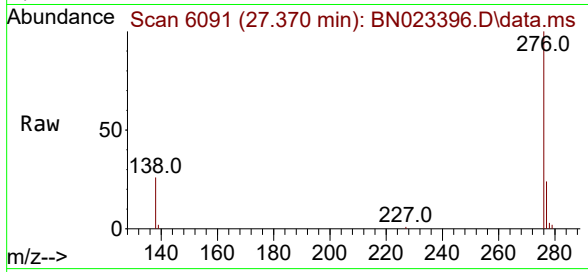
279 32.5 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.919 ng/ul
 RT: 27.370 min Scan# 6091
 Delta R.T. 0.001 min
 Lab File: BN023396.D
 Acq: 24 Dec 2022 06:28

Instrument :
 BNA_N
 ClientSampleId :
 DBXY2DL



Tgt Ion: 276 Resp: 62828

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.3	30.5
277	24.1	19.7	29.5

