

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103122\
 Data File : BN022396.D
 Acq On : 31 Oct 2022 10:24
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4331

Quant Time: Nov 01 01:10:56 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 01 01:09:32 2022
 Response via : Initial Calibration

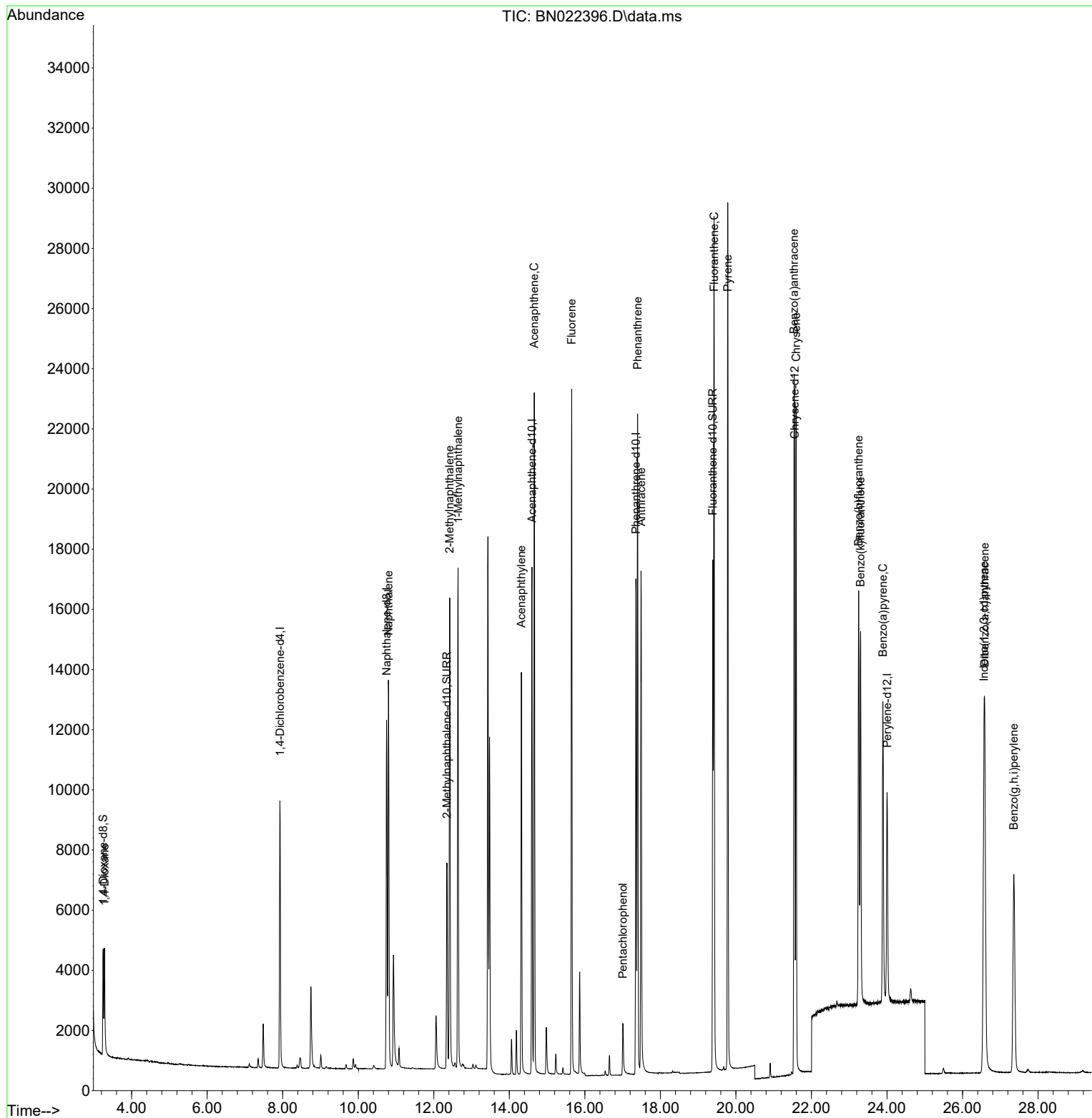
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	4862	0.400	ng/ul	0.00
4) Naphthalene-d8	10.750	136	16017	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.600	164	9237	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	18765	0.400	ng/ul	0.00
17) Chrysene-d12	21.556	240	13211	0.400	ng/ul	0.00
23) Perylene-d12	24.002	264	9992	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.245	96	2451	0.388	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	9507	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	18032	0.407	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.282	88	2501	0.385	ng/ul	97
5) Naphthalene	10.800	128	18366	0.388	ng/ul	100
7) 2-Methylnaphthalene	12.422	142	11608	0.389	ng/ul	99
8) 1-Methylnaphthalene	12.642	142	11945	0.390	ng/ul	100
10) Acenaphthylene	14.318	152	16045	0.387	ng/ul	99
11) Acenaphthene	14.660	153	13189	0.377	ng/ul	100
12) Fluorene	15.650	166	14707	0.362	ng/ul	99
14) Pentachlorophenol	17.007	266	1471	0.330	ng/ul	99
15) Phenanthrene	17.395	178	23638	0.375	ng/ul	99
16) Anthracene	17.488	178	20042	0.378	ng/ul	99
19) Fluoranthene	19.421	202	24185	0.400	ng/ul	98
20) Pyrene	19.784	202	24099	0.396	ng/ul	98
21) Benzo(a)anthracene	21.541	228	18715	0.378	ng/ul	100
22) Chrysene	21.594	228	19515	0.372	ng/ul	99
24) Benzo(b)fluoranthene	23.251	252	18020	0.359	ng/ul	98
25) Benzo(k)fluoranthene	23.301	252	17205	0.353	ng/ul	99
26) Benzo(a)pyrene	23.891	252	14986	0.375	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.568	276	18162	0.365	ng/ul#	40
28) Dibenzo(a,h)anthracene	26.588	278	14282	0.360	ng/ul	99
29) Benzo(g,h,i)perylene	27.360	276	14945	0.369	ng/ul	100

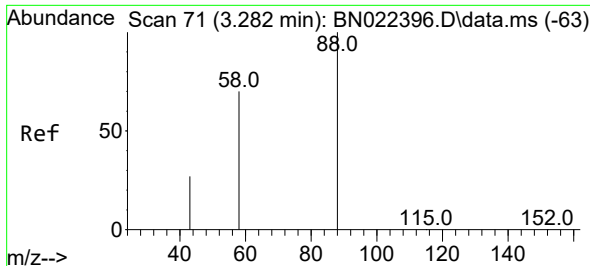
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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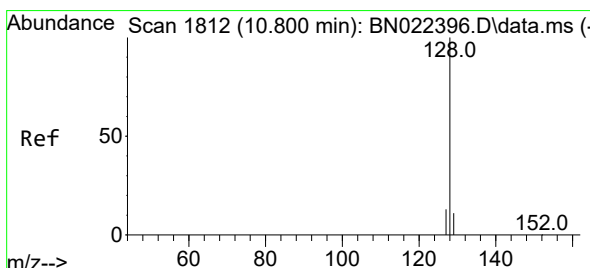
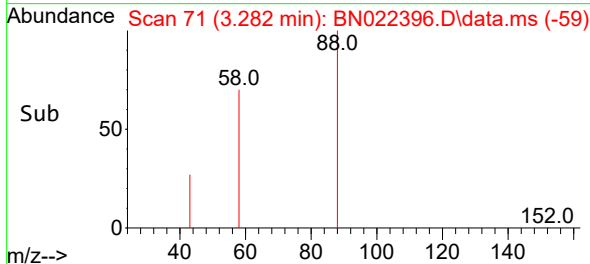
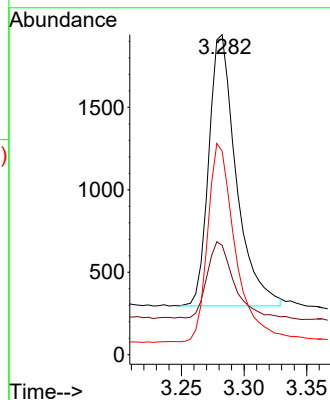
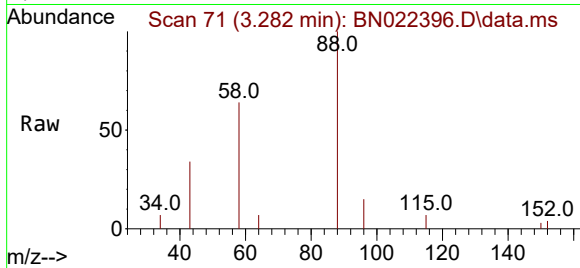




#2
1,4-Dioxane
Concen: 0.385 ng/ul
RT: 3.282 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

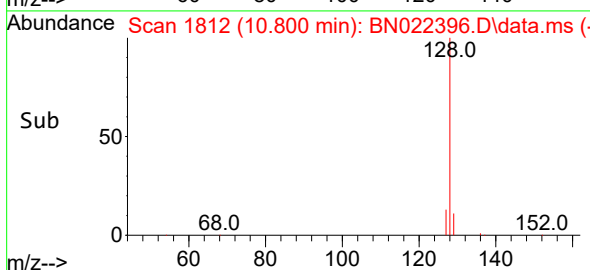
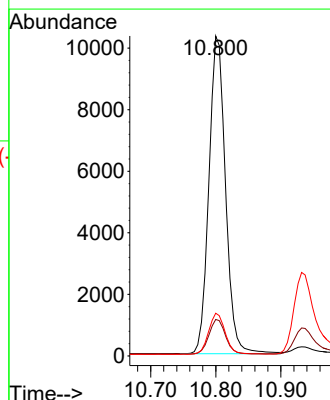
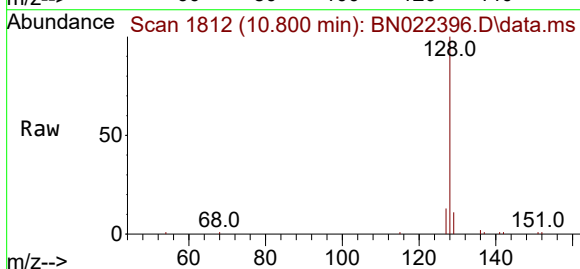
Instrument :
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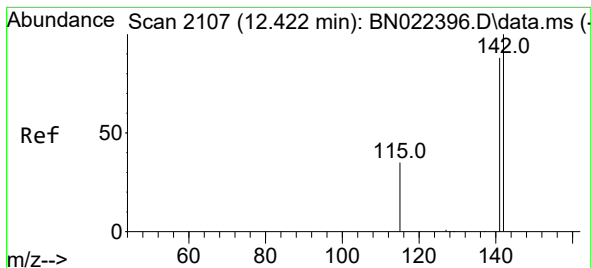
Tgt Ion: 88 Resp: 2501
Ion Ratio Lower Upper
88 100
43 34.2 27.4 41.2
58 63.6 48.2 72.2



#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.800 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

Tgt Ion: 128 Resp: 18366
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.3 10.7 16.1

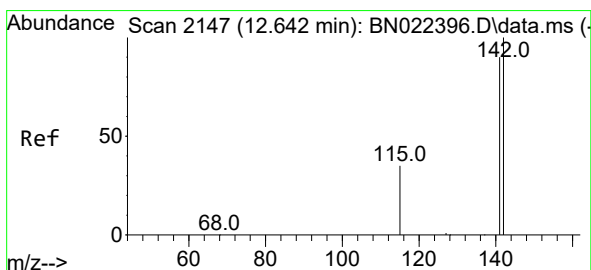
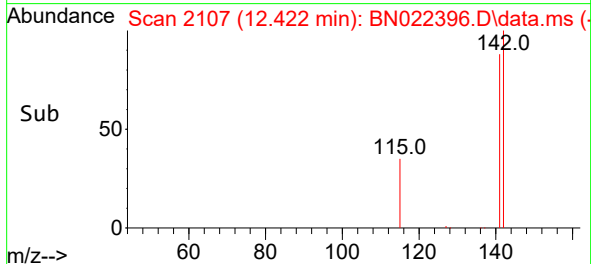
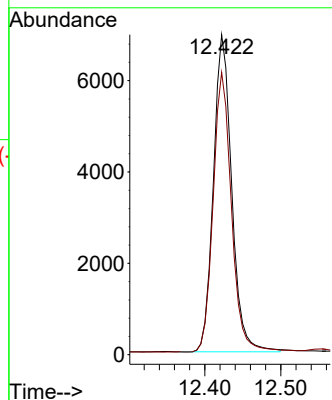
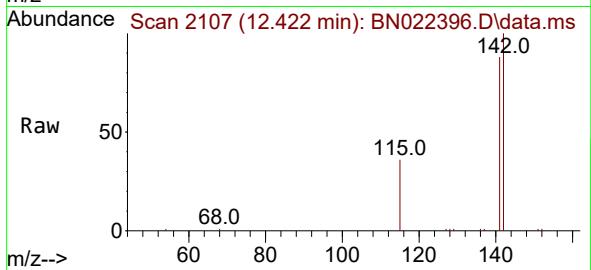




#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.422 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

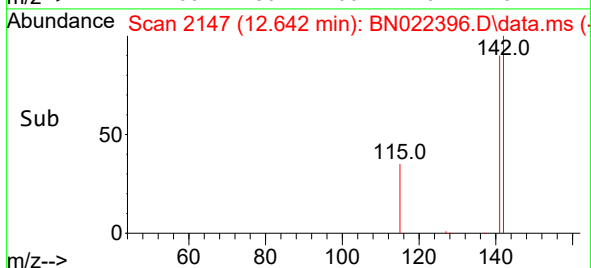
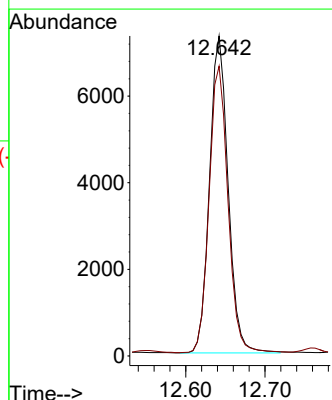
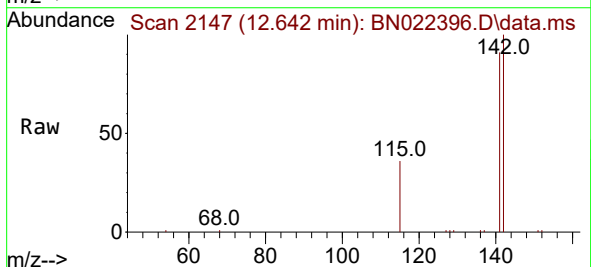
Instrument :
BNA_N
ClientSampleId :
SSTD0.4331

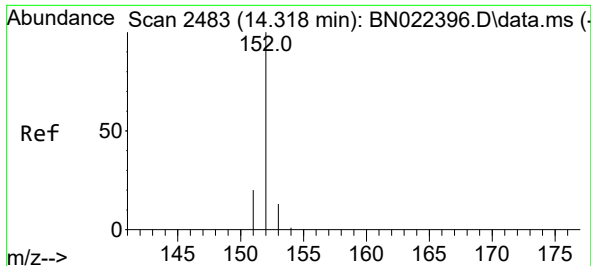
Tgt Ion:142 Resp: 11608
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.390 ng/ul
RT: 12.642 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

Tgt Ion:142 Resp: 11945
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9

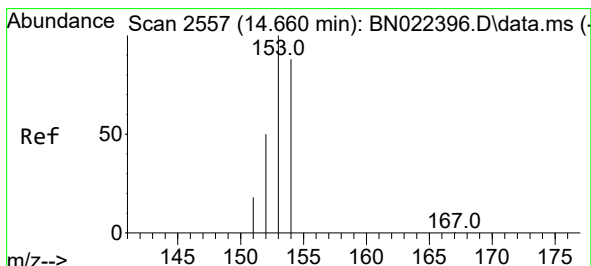
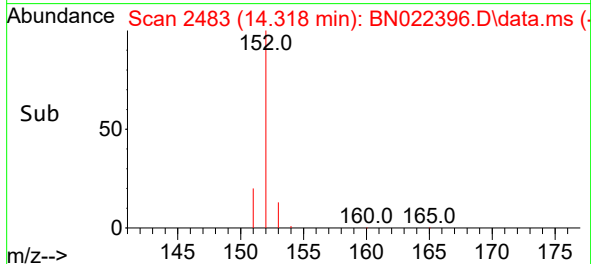
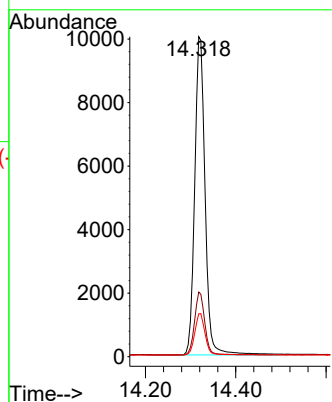
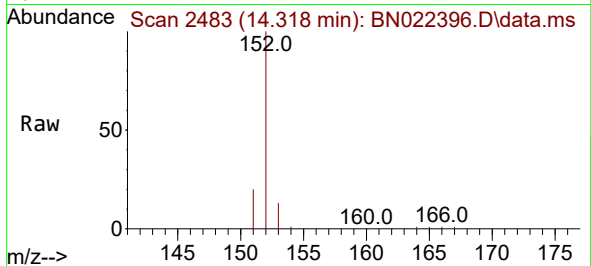




#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

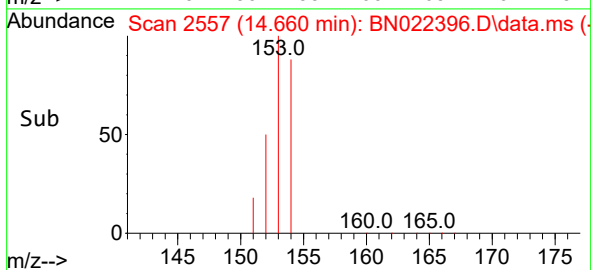
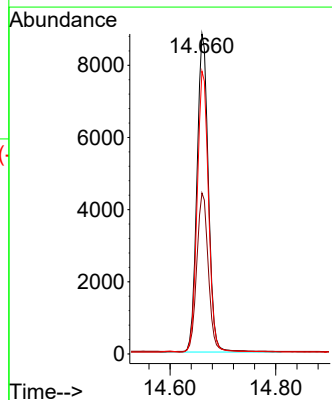
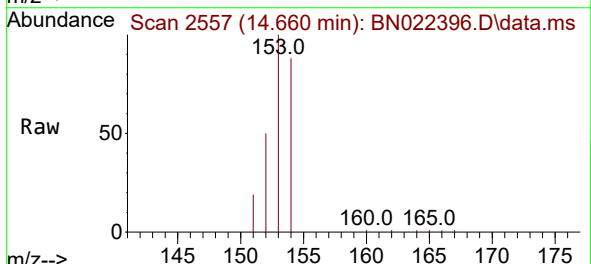
Instrument :
BNA_N
ClientSampleId :
SSTD0.4331

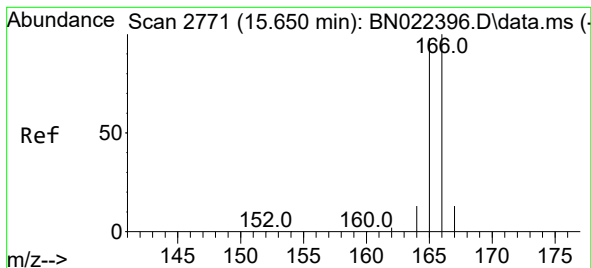
Tgt Ion:152 Resp: 16045
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.4 10.8 16.2



#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.660 min Scan# 2557
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

Tgt Ion:153 Resp: 13189
Ion Ratio Lower Upper
153 100
152 50.3 40.6 61.0
154 88.4 70.6 106.0





#12

Fluorene

Concen: 0.362 ng/ul

RT: 15.650 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN022396.D

Acq: 31 Oct 2022 10:24

Instrument :

BNA_N

ClientSampleId :

SSTD0.4331

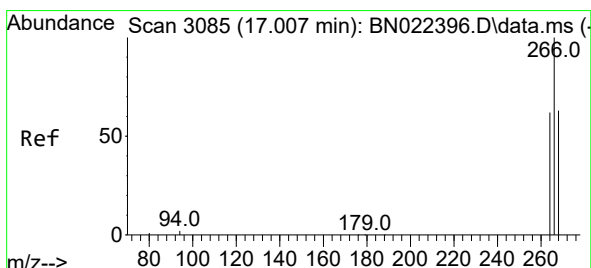
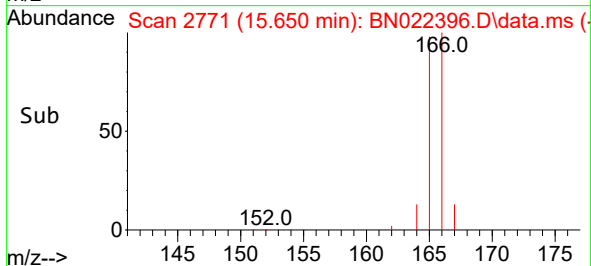
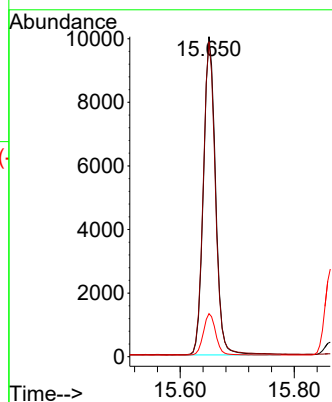
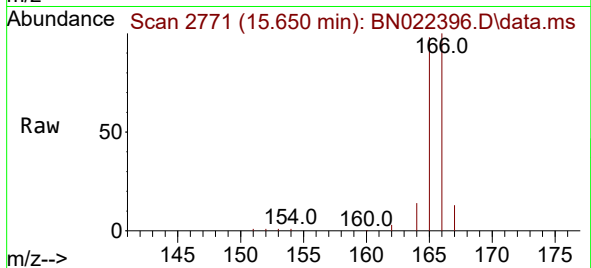
Tgt Ion:166 Resp: 14707

Ion Ratio Lower Upper

166 100

165 98.4 78.2 117.2

167 13.5 11.0 16.4



#14

Pentachlorophenol

Concen: 0.330 ng/ul

RT: 17.007 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BN022396.D

Acq: 31 Oct 2022 10:24

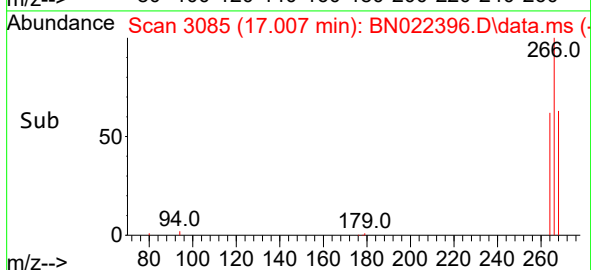
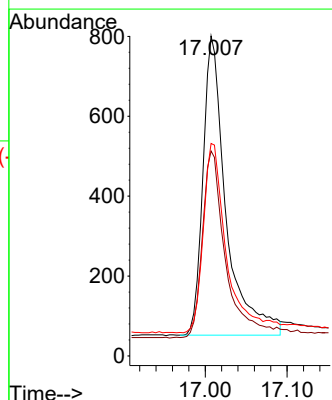
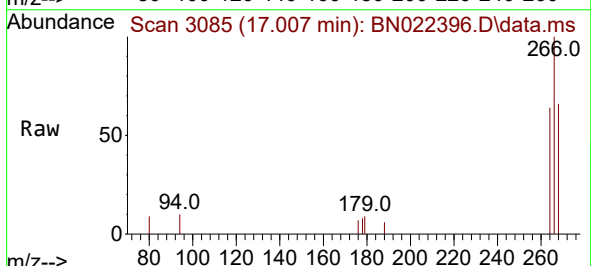
Tgt Ion:266 Resp: 1471

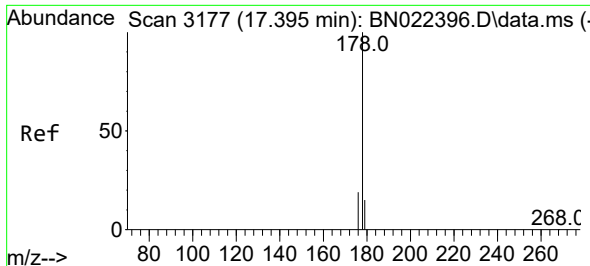
Ion Ratio Lower Upper

266 100

264 63.6 49.8 74.6

268 64.4 51.4 77.2

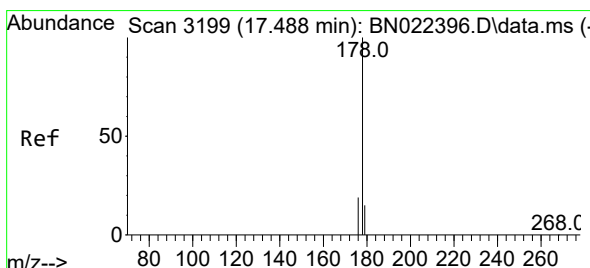
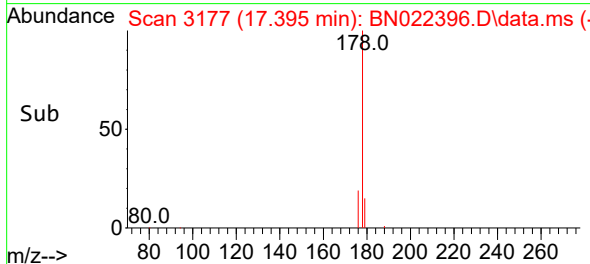
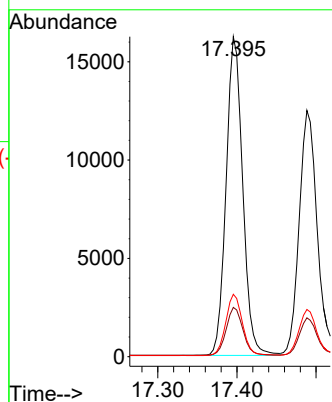
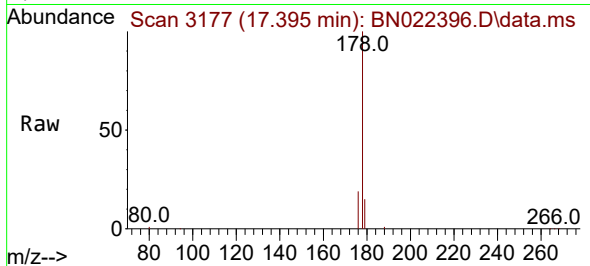




#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 17.395 min Scan# 3177
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

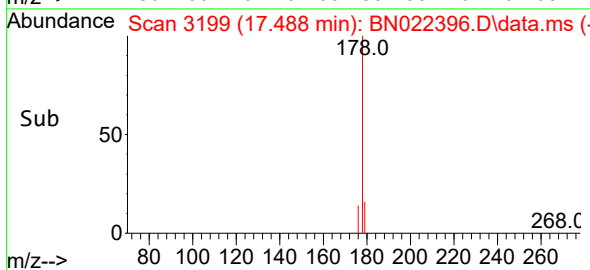
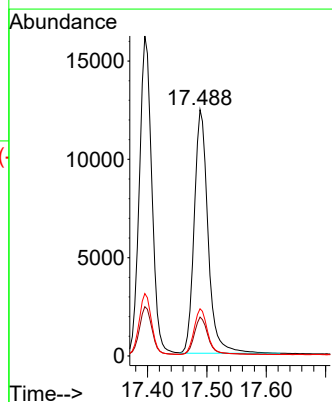
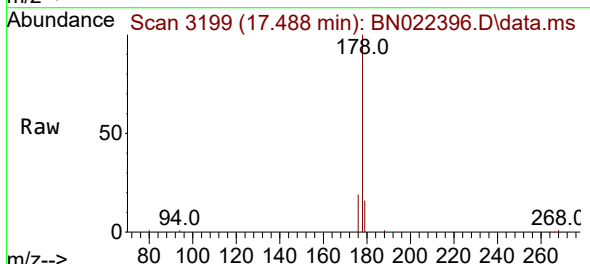
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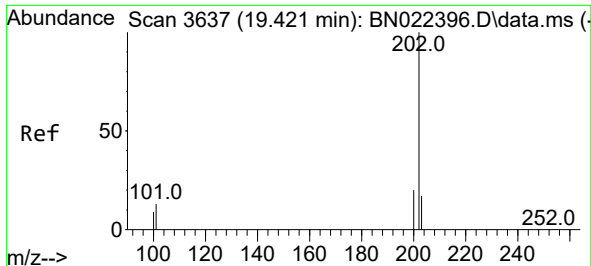
Tgt Ion:178 Resp: 23638
Ion Ratio Lower Upper
178 100
179 15.4 12.7 19.1
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.488 min Scan# 3199
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

Tgt Ion:178 Resp: 20042
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.2 15.0 22.6

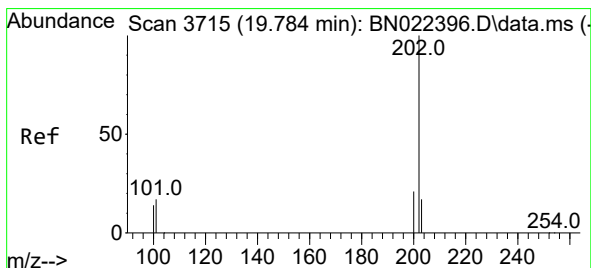
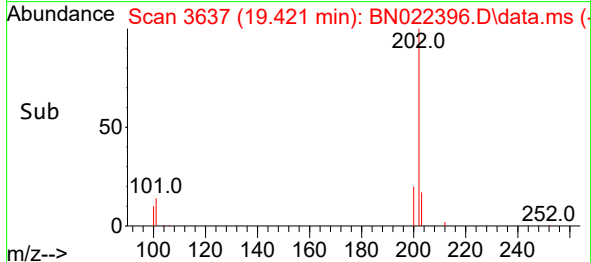
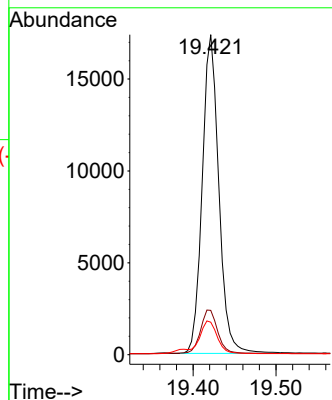
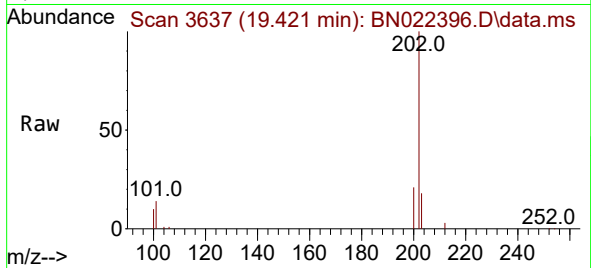




#19
Fluoranthene
Concen: 0.400 ng/ul
RT: 19.421 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

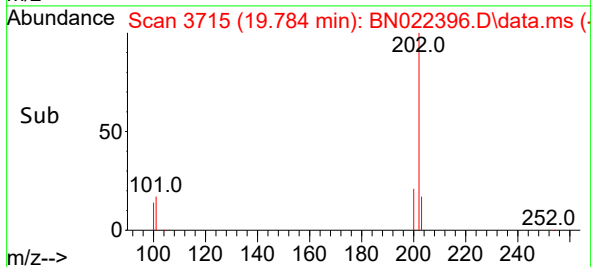
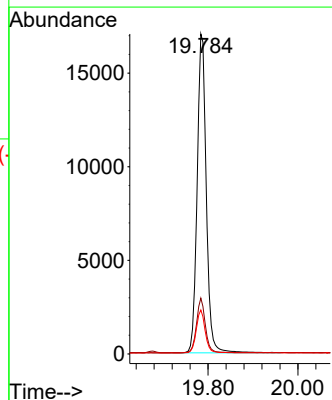
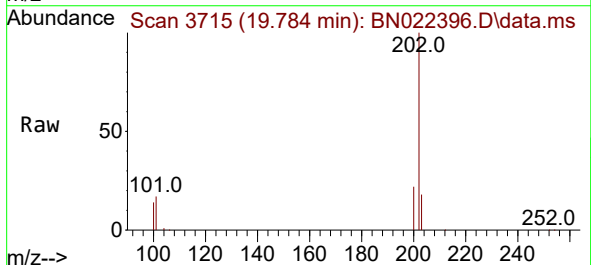
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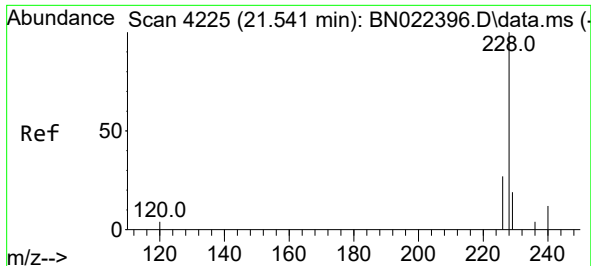
Tgt Ion:202 Resp: 24185
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 10.1 8.7 13.1



#20
Pyrene
Concen: 0.396 ng/ul
RT: 19.784 min Scan# 3715
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

Tgt Ion:202 Resp: 24099
Ion Ratio Lower Upper
202 100
101 17.5 13.1 19.7
100 13.8 10.6 16.0

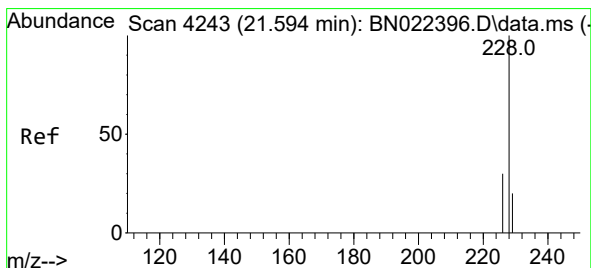
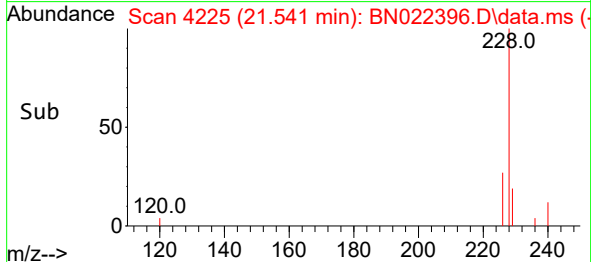
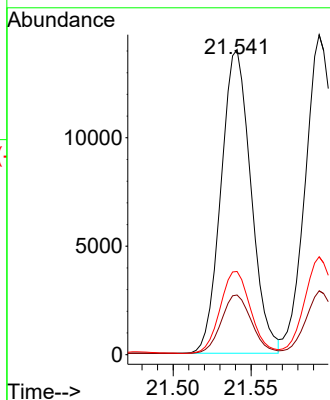
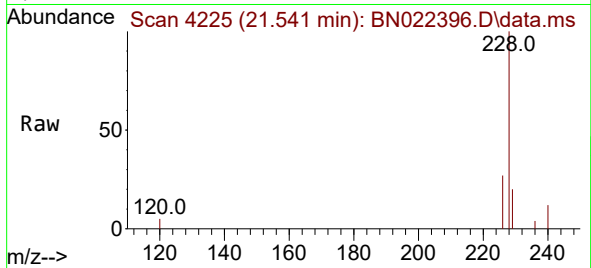




#21
Benzo(a)anthracene
Concen: 0.378 ng/ul
RT: 21.541 min Scan# 4225
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

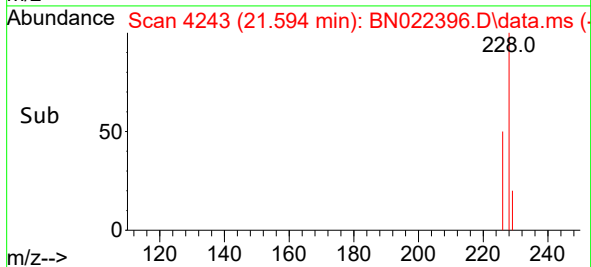
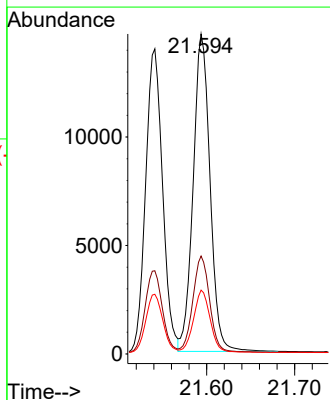
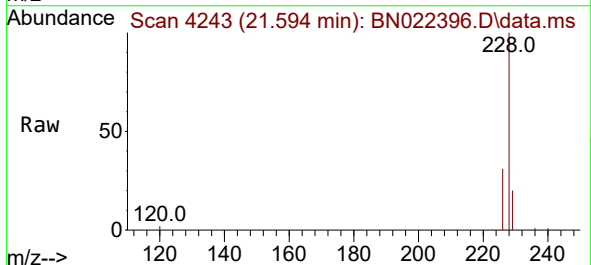
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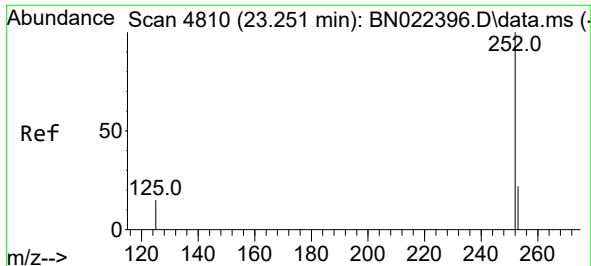
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Ion Ratio Lower Upper
228 100
229 19.6 15.7 23.5
226 27.3 21.5 32.3



#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.594 min Scan# 4243
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

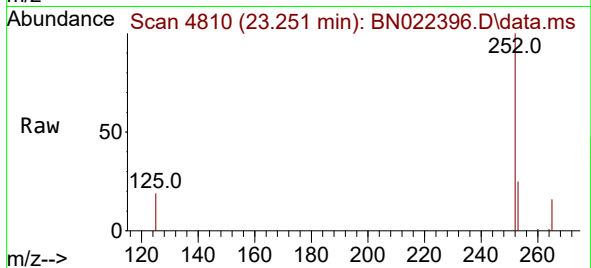
Tgt Ion:228 Resp: 19515
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 20.0 15.9 23.9



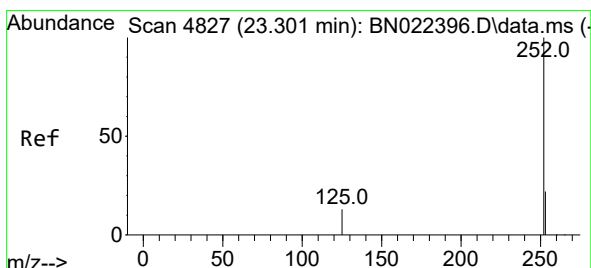
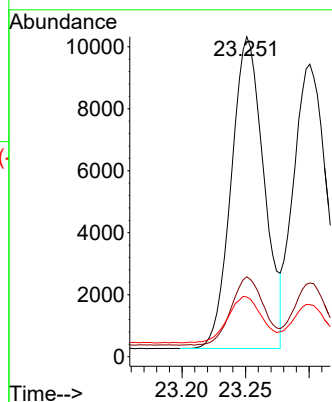
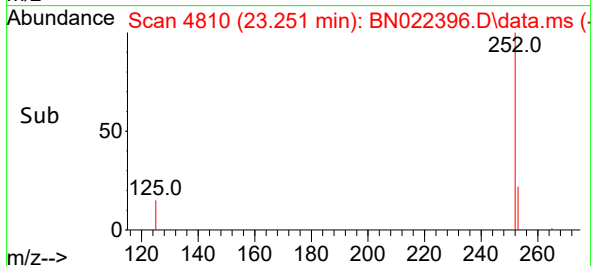


#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 23.251 min Scan# 4810
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

Instrument :
BNA_N
ClientSampleId :
SSTD0.4331

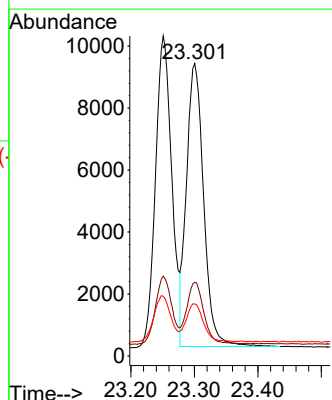
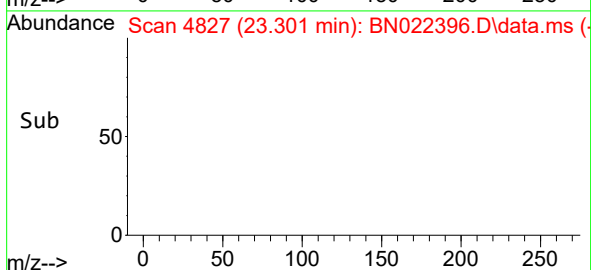
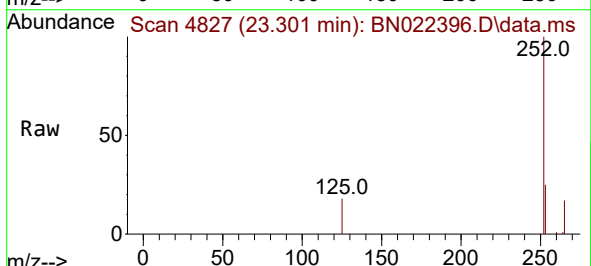


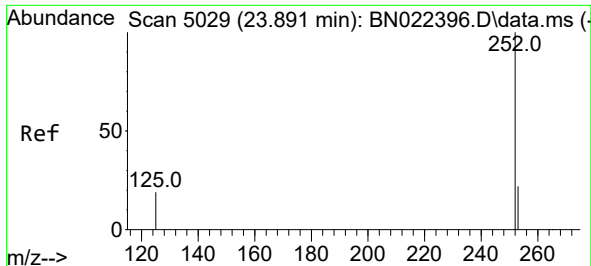
Tgt Ion:252 Resp: 18020
Ion Ratio Lower Upper
252 100
253 24.9 0.0 49.0
125 18.6 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.353 ng/ul
RT: 23.301 min Scan# 4827
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

Tgt Ion:252 Resp: 17205
Ion Ratio Lower Upper
252 100
253 25.2 19.7 29.5
125 17.8 14.0 21.0

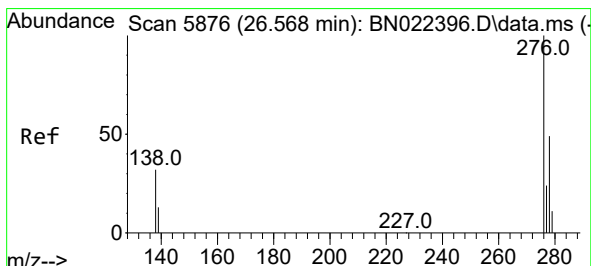
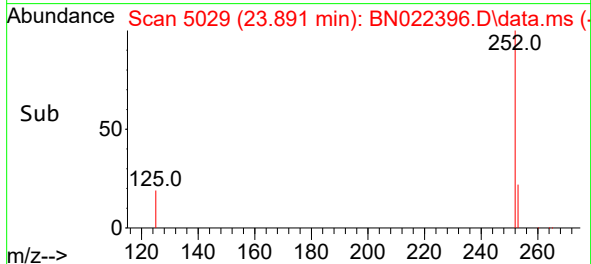
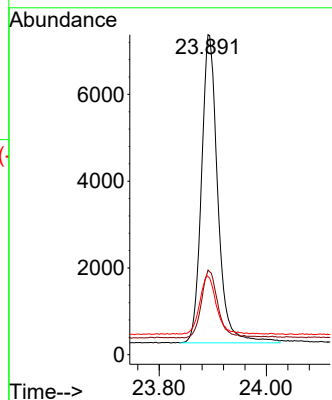
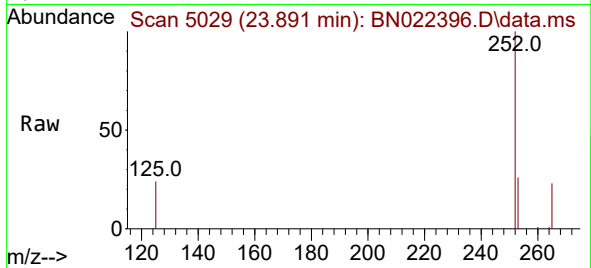




#26
Benzo(a)pyrene
Concen: 0.375 ng/ul
RT: 23.891 min Scan# 5029
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

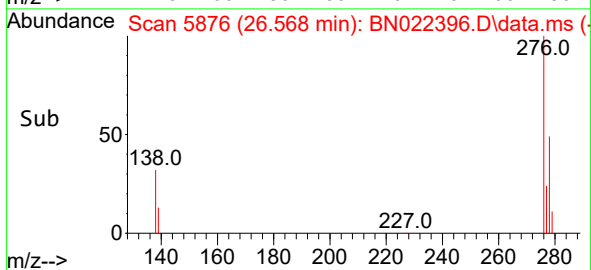
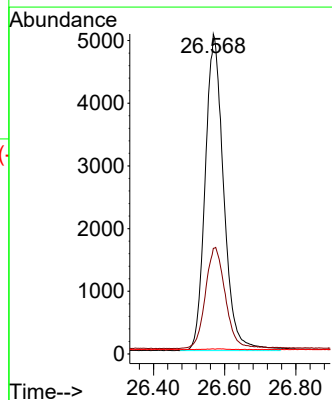
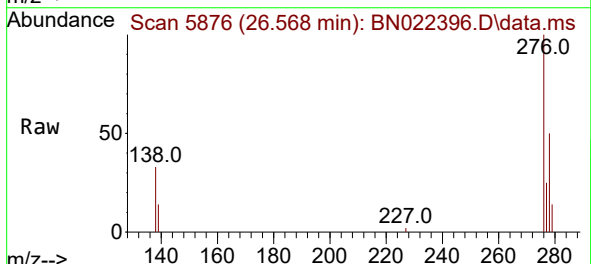
Instrument :
BNA_N
ClientSampleId :
SSTD0.4331

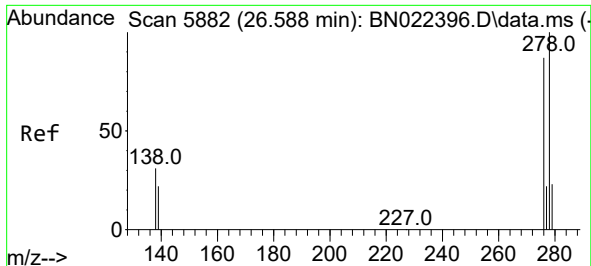
Tgt Ion:252 Resp: 14986
Ion Ratio Lower Upper
252 100
253 26.4 21.0 31.6
125 24.4 17.9 26.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.568 min Scan# 5876
Delta R.T. 0.000 min
Lab File: BN022396.D
Acq: 31 Oct 2022 10:24

Tgt Ion:276 Resp: 18162
Ion Ratio Lower Upper
276 100
138 0.0 27.7 41.5#
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.360 ng/ul

RT: 26.588 min Scan# 5882

Delta R.T. 0.000 min

Lab File: BN022396.D

Acq: 31 Oct 2022 10:24

Instrument :

BNA_N

ClientSampleId :

SSTD0.4331

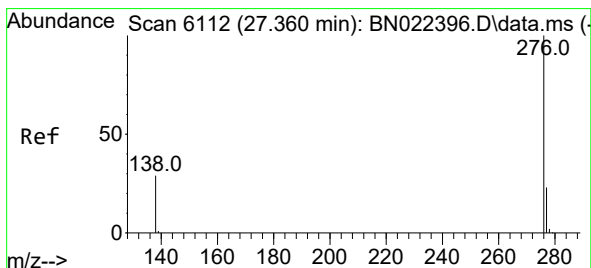
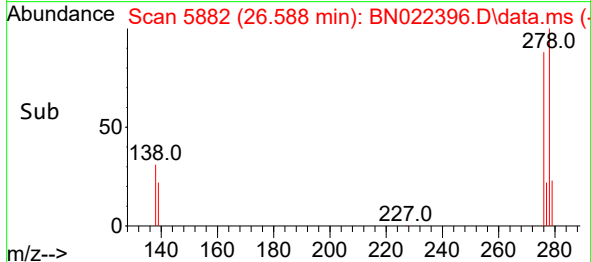
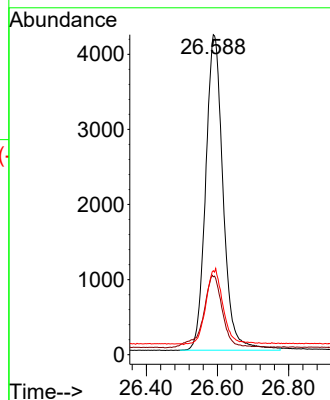
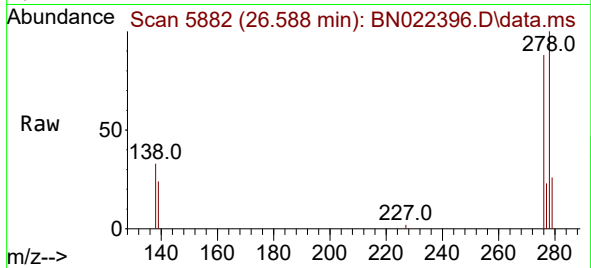
Tgt Ion:278 Resp: 14282

Ion Ratio Lower Upper

278 100

139 24.3 19.6 29.4

279 26.2 20.6 30.8



#29

Benzo(g,h,i)perylene

Concen: 0.369 ng/ul

RT: 27.360 min Scan# 6112

Delta R.T. 0.000 min

Lab File: BN022396.D

Acq: 31 Oct 2022 10:24

Tgt Ion:276 Resp: 14945

Ion Ratio Lower Upper

276 100

138 31.1 25.2 37.8

277 24.9 19.9 29.9

