

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
 Data File : BN023195.D
 Acq On : 14 Dec 2022 10:46
 Operator : CG/JU
 Sample : PB149540BS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS540

Quant Time: Dec 14 23:19:22 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 23:52:47 2022
 Response via : Initial Calibration

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

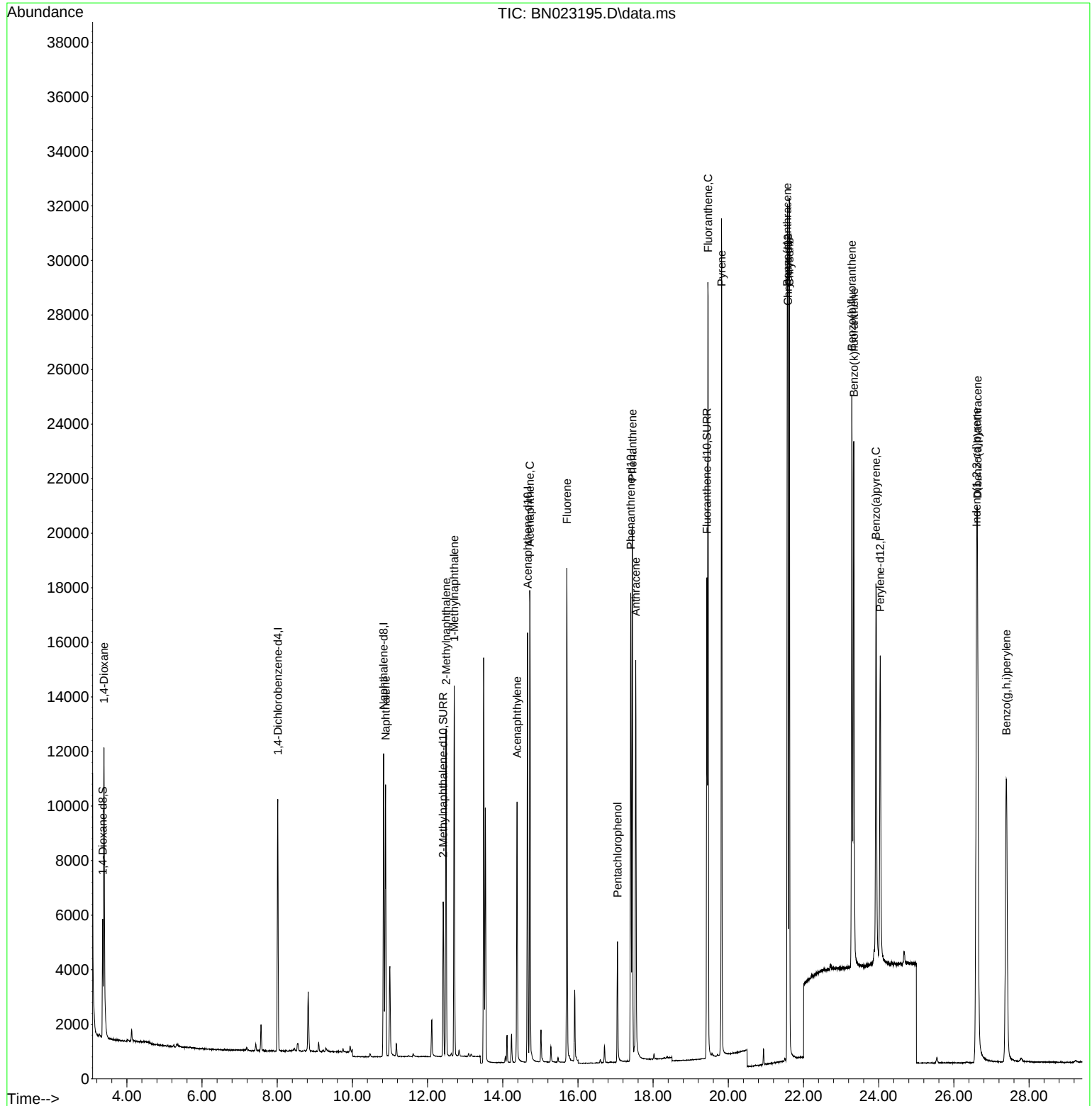
Internal Standards					
1) 1,4-Dichlorobenzene-d4	8.015	152	4608	0.400 ng/ul	0.00
4) Naphthalene-d8	10.832	136	14450	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.659	164	8393	0.400 ng/ul	0.00
13) Phenanthrene-d10	17.403	188	19705	0.400 ng/ul	0.00
17) Chrysene-d12	21.587	240	19299	0.400 ng/ul	0.00
23) Perylene-d12	24.039	264	16147	0.400 ng/ul	0.00
System Monitoring Compounds					
3) 1,4-Dioxane-d8	3.357	96	3094	0.560 ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.416	152	7097	0.322 ng/ul	0.00
18) Fluoranthene-d10	19.430	212	17714	0.248 ng/ul	0.00
Target Compounds					Qvalue
2) 1,4-Dioxane	3.391	88	7902	1.370 ng/ul	93
5) Naphthalene	10.881	128	13104	0.299 ng/ul	99
7) 2-Methylnaphthalene	12.493	142	8329	0.304 ng/ul	100
8) 1-Methylnaphthalene	12.707	142	8951	0.321 ng/ul	100
10) Acenaphthylene	14.382	152	11081	0.268 ng/ul	100
11) Acenaphthene	14.719	153	9709	0.296 ng/ul	98
12) Fluorene	15.705	166	11528	0.311 ng/ul	99
14) Pentachlorophenol	17.052	266	3034	0.736 ng/ul#	100
15) Phenanthrene	17.445	178	20384	0.301 ng/ul	100
16) Anthracene	17.538	178	16503	0.284 ng/ul	99
19) Fluoranthene	19.462	202	24163	0.242 ng/ul	99
20) Pyrene	19.820	202	24470	0.250 ng/ul	96
21) Benzo(a)anthracene	21.569	228	24045	0.326 ng/ul	100
22) Chrysene	21.625	228	26464	0.327 ng/ul	99
24) Benzo(b)fluoranthene	23.288	252	27567	0.337 ng/ul	96
25) Benzo(k)fluoranthene	23.338	252	25893	0.299 ng/ul	97
26) Benzo(a)pyrene	23.928	252	22251	0.357 ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.604	276	29297	0.396 ng/ul#	100
28) Dibenzo(a,h)anthracene	26.627	278	23028	0.391 ng/ul	99
29) Benzo(g,h,i)perylene	27.395	276	23955	0.371 ng/ul	99

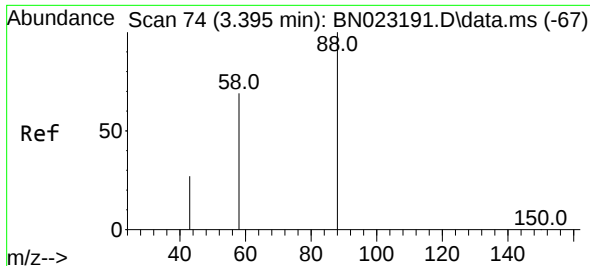
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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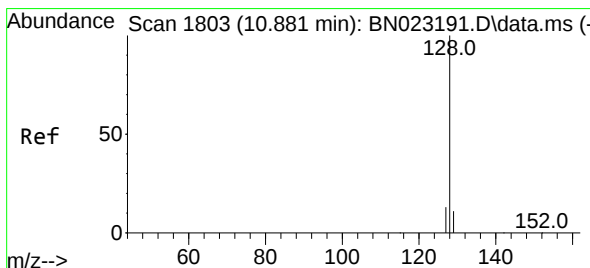
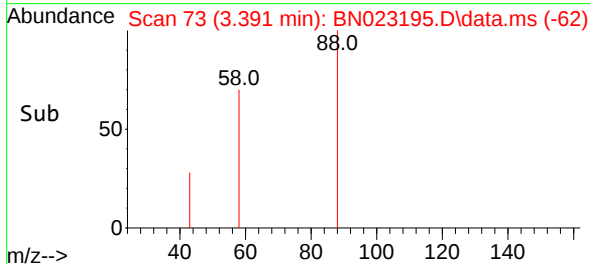
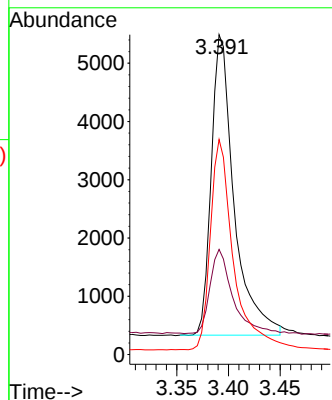
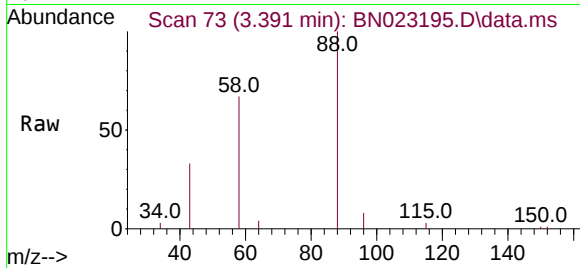




#2
1,4-Dioxane
Concen: 1.370 ng/ul
RT: 3.391 min Scan# 74
Delta R.T. -0.004 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

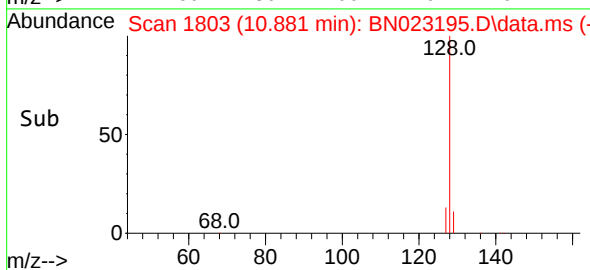
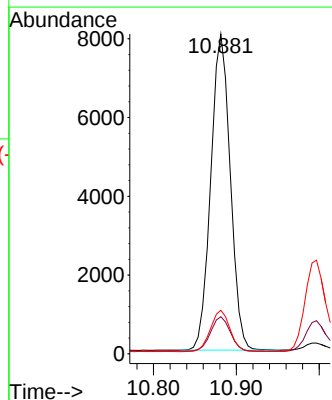
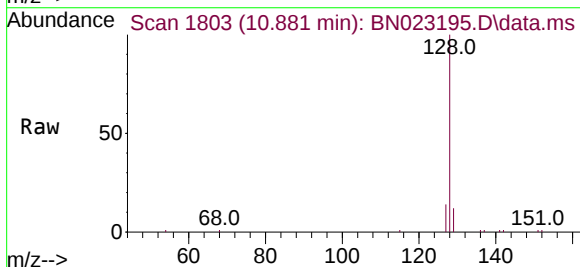
Instrument :
BNA_N
ClientSampleId :
SLCS540

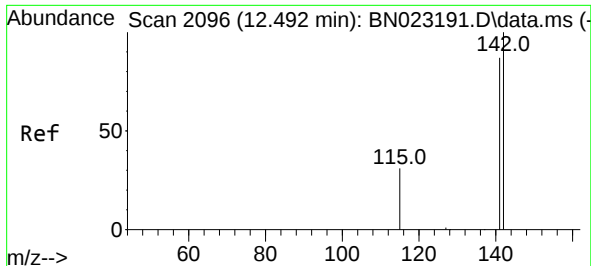
Tgt Ion: 88 Resp: 7902
Ion Ratio Lower Upper
88 100
43 32.9 26.2 39.4
58 67.2 47.6 71.4



#5
Naphthalene
Concen: 0.299 ng/ul
RT: 10.881 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

Tgt Ion: 128 Resp: 13104
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.6 10.6 16.0

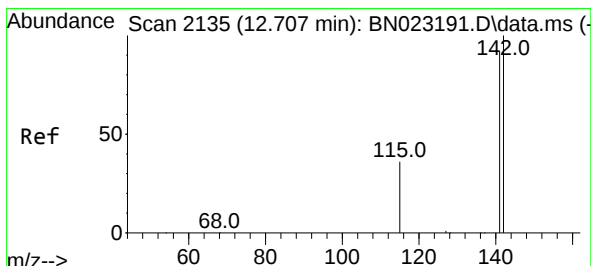
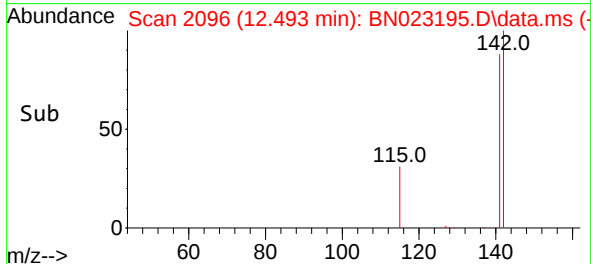
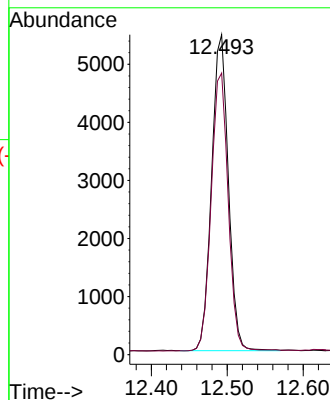
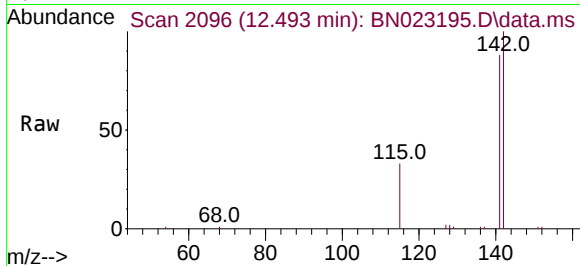




#7
2-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.493 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

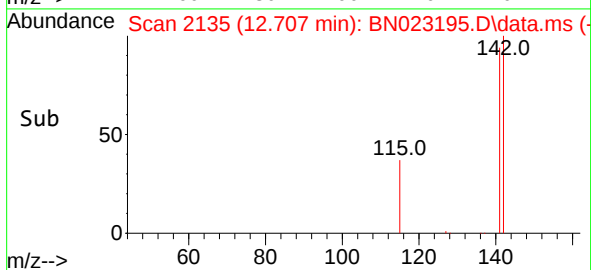
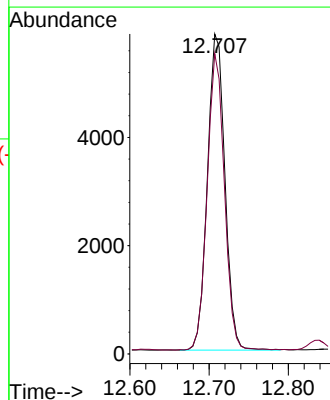
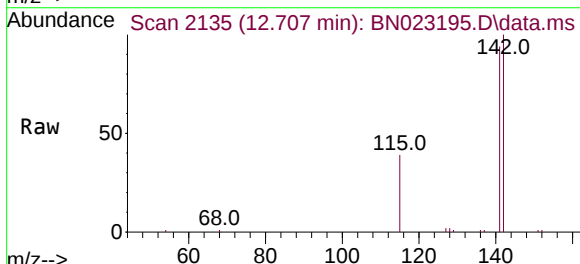
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BNA_N
ClientSampleId :
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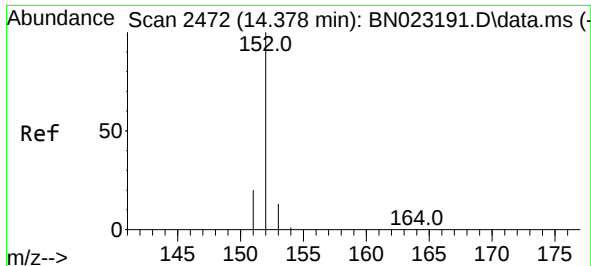
Tgt Ion:142 Resp: 8329
Ion Ratio Lower Upper
142 100
141 89.7 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.321 ng/ul
RT: 12.707 min Scan# 2135
Delta R.T. -0.005 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

Tgt Ion:142 Resp: 8951
Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.6

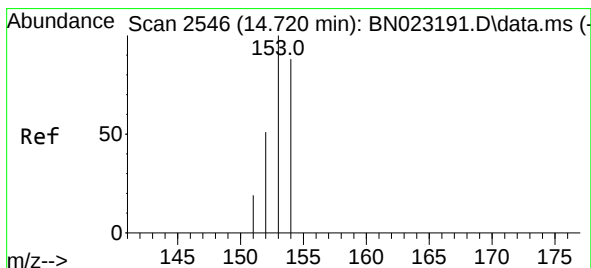
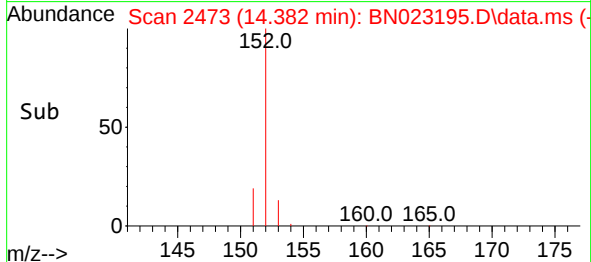
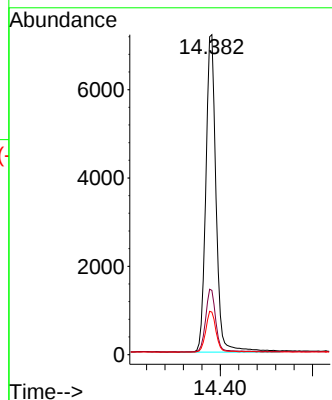
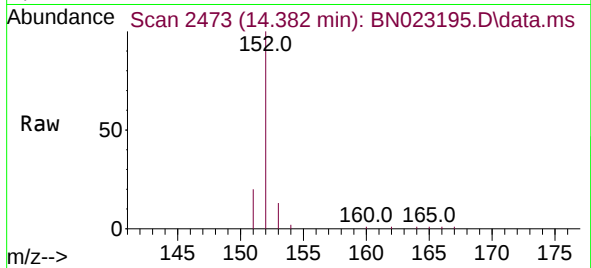




#10
Acenaphthylene
Concen: 0.268 ng/ul
RT: 14.382 min Scan# 2472
Delta R.T. 0.000 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

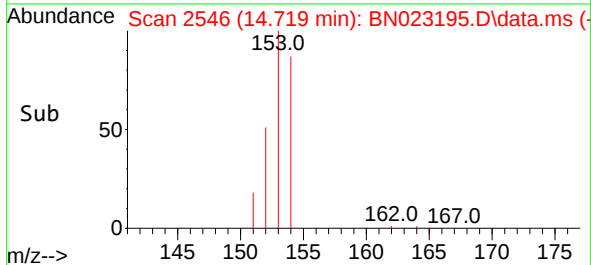
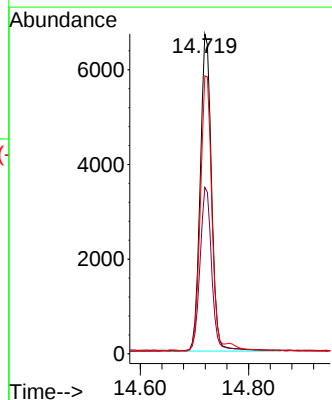
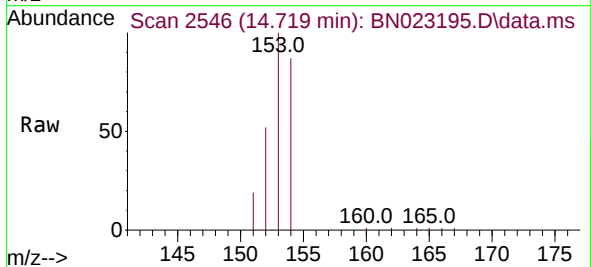
Instrument :
BNA_N
ClientSampleId :
SLCS540

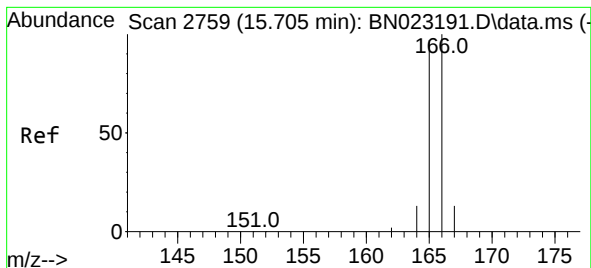
Tgt Ion:152 Resp: 11081
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.3 10.5 15.7



#11
Acenaphthene
Concen: 0.296 ng/ul
RT: 14.719 min Scan# 2546
Delta R.T. -0.005 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

Tgt Ion:153 Resp: 9709
Ion Ratio Lower Upper
153 100
152 52.0 41.8 62.8
154 86.9 71.3 106.9





#12

Fluorene

Concen: 0.311 ng/ul

RT: 15.705 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN023195.D

Acq: 14 Dec 2022 10:46

Instrument :

BNA_N

ClientSampleId :

SLCS540

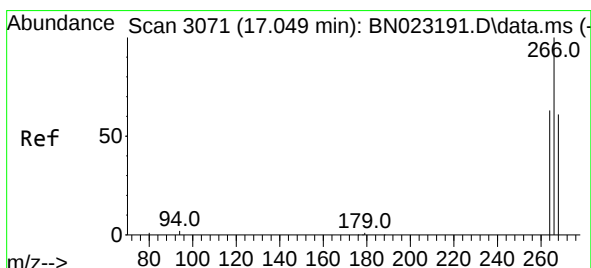
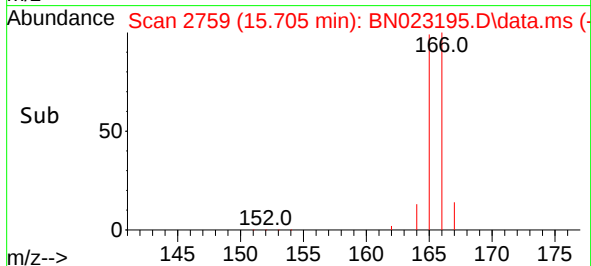
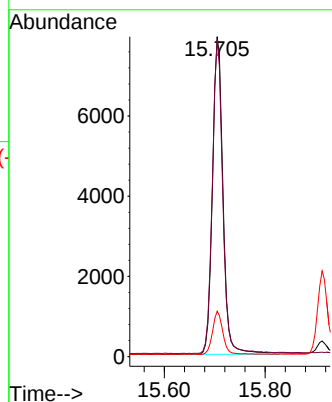
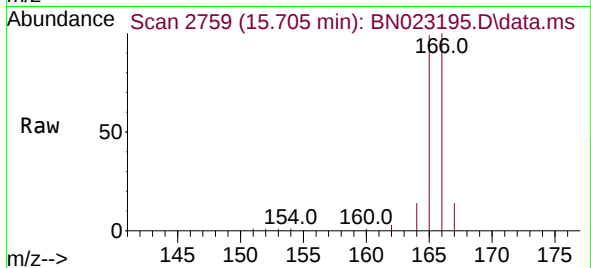
Tgt Ion:166 Resp: 11528

Ion Ratio Lower Upper

166 100

165 99.0 78.7 118.1

167 14.2 10.8 16.2



#14

Pentachlorophenol

Concen: 0.736 ng/ul

RT: 17.052 min Scan# 3072

Delta R.T. 0.000 min

Lab File: BN023195.D

Acq: 14 Dec 2022 10:46

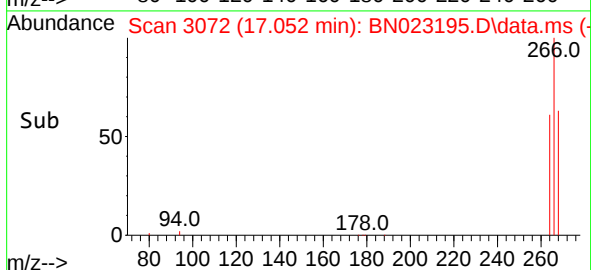
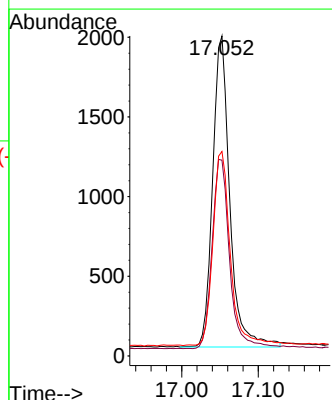
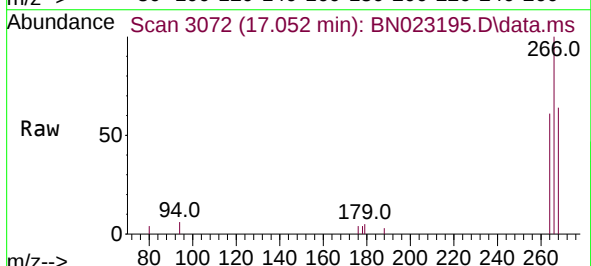
Tgt Ion:266 Resp: 3034

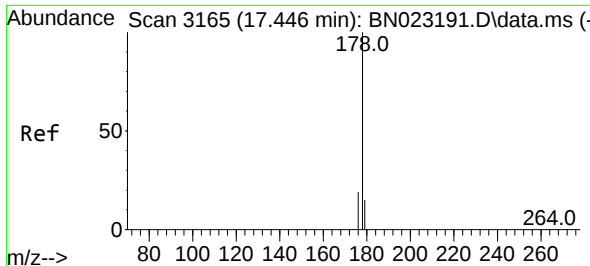
Ion Ratio Lower Upper

266 100

264 62.4 0.0 0.0#

268 63.7 0.0 0.0#

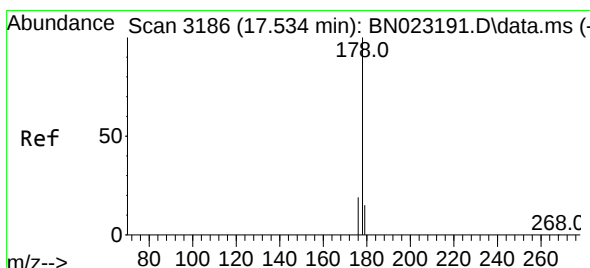
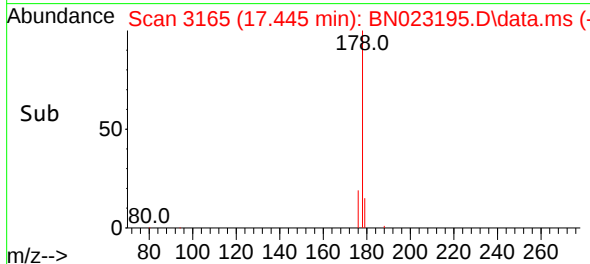
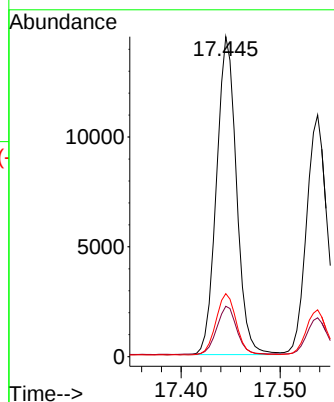
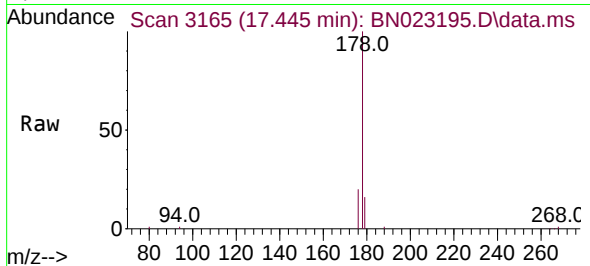




#15
Phenanthrene
Concen: 0.301 ng/ul
RT: 17.445 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

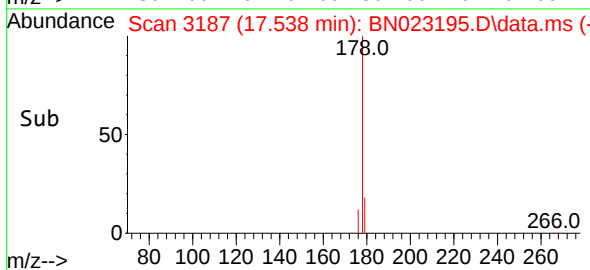
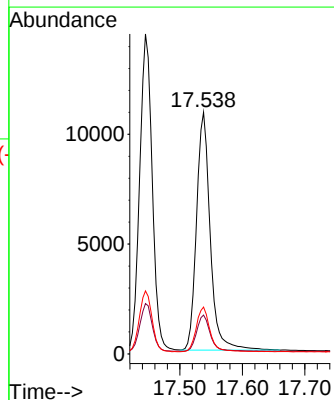
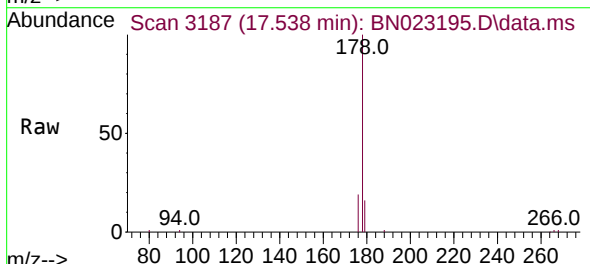
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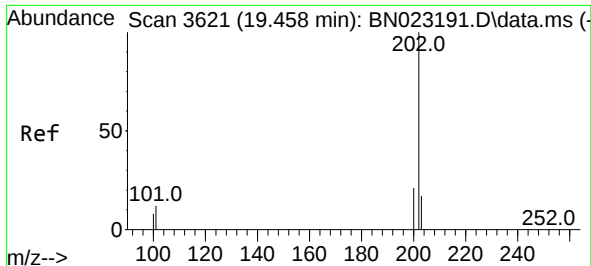
Tgt Ion:	178	Resp:	20384
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.5	18.7
176	19.7	15.9	23.9



#16
Anthracene
Concen: 0.284 ng/ul
RT: 17.538 min Scan# 3187
Delta R.T. 0.000 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

Tgt Ion:	178	Resp:	16503
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.6	18.8
176	19.4	15.3	22.9

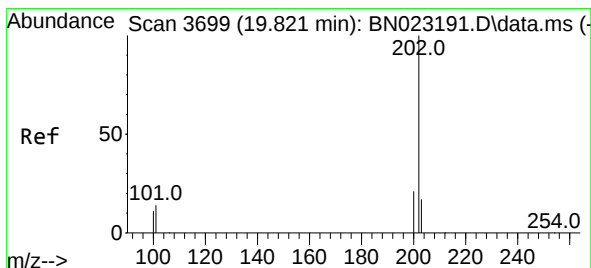
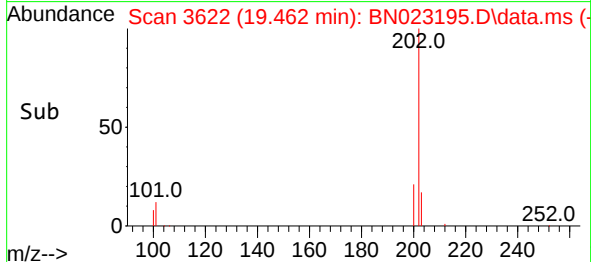
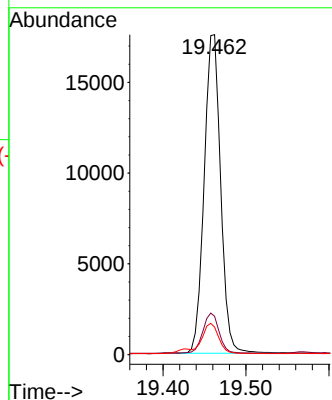
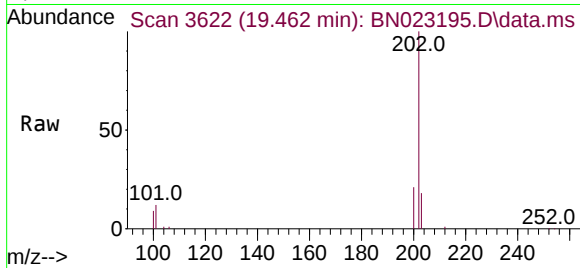




#19
Fluoranthene
Concen: 0.242 ng/ul
RT: 19.462 min Scan# 3622
Delta R.T. 0.000 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

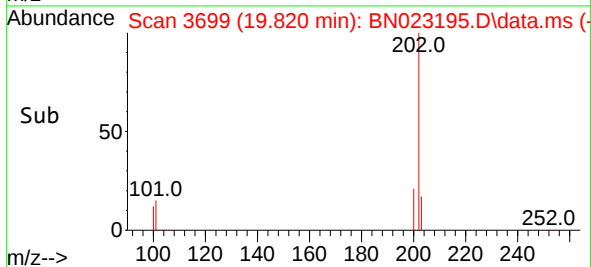
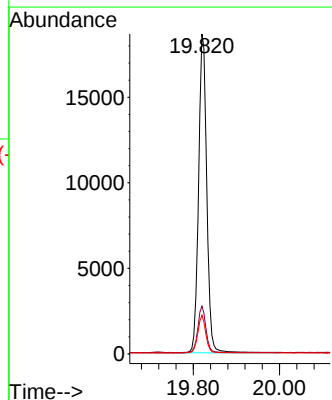
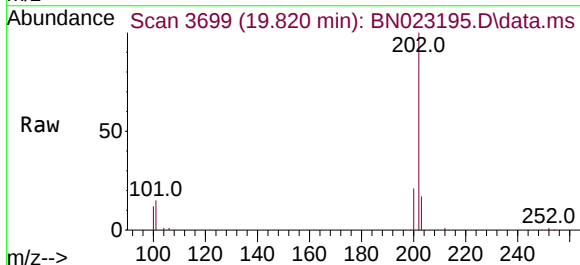
Instrument :
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ClientSampleId :
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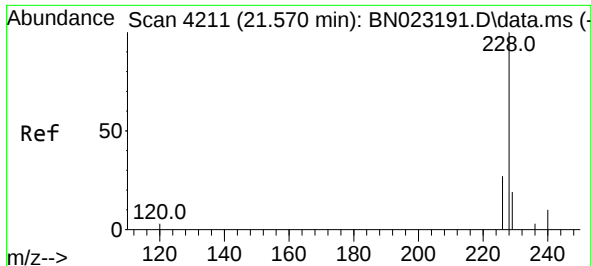
Tgt Ion:202 Resp: 24163
Ion Ratio Lower Upper
202 100
101 12.0 9.2 13.8
100 8.6 6.9 10.3



#20
Pyrene
Concen: 0.250 ng/ul
RT: 19.820 min Scan# 3699
Delta R.T. -0.005 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

Tgt Ion:202 Resp: 24470
Ion Ratio Lower Upper
202 100
101 14.9 10.6 16.0
100 12.1 8.2 12.4

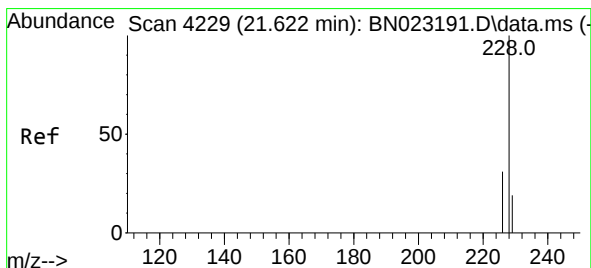
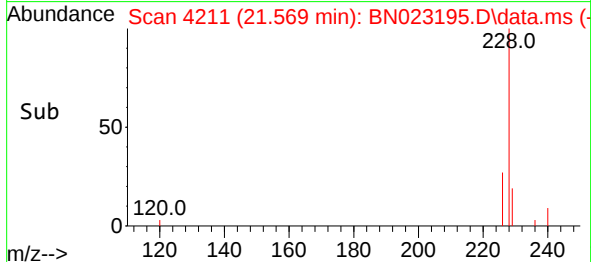
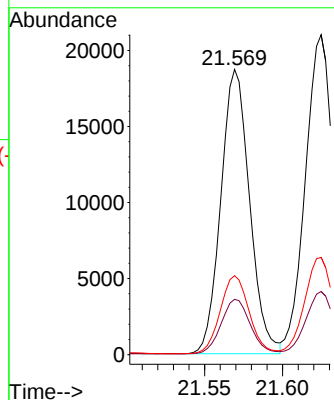
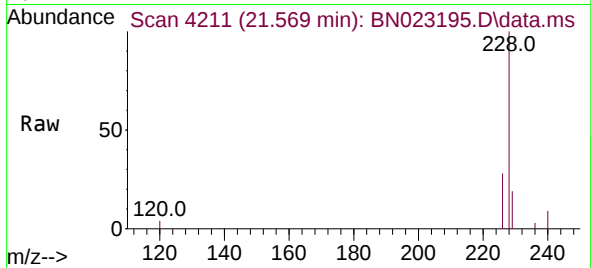




#21
Benzo(a)anthracene
Concen: 0.326 ng/ul
RT: 21.569 min Scan# 4211
Delta R.T. -0.003 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

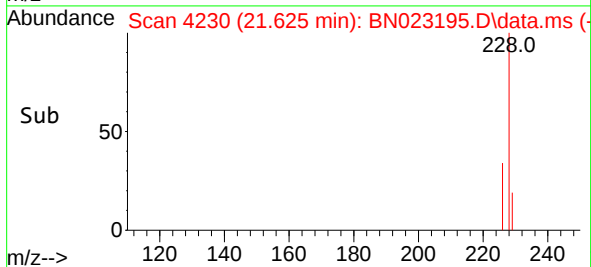
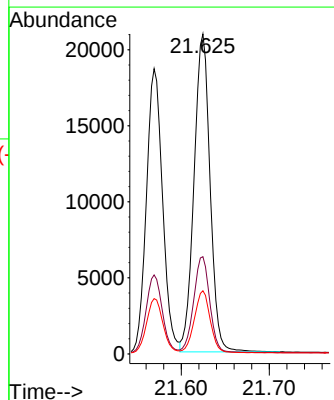
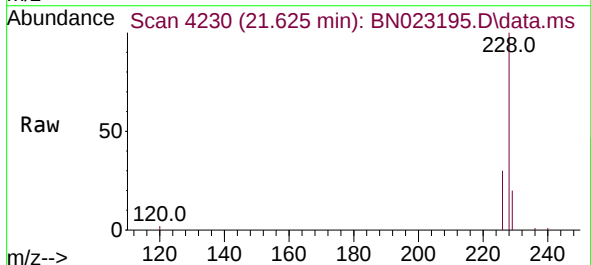
Instrument :
BNA_N
ClientSampleId :
SLCS540

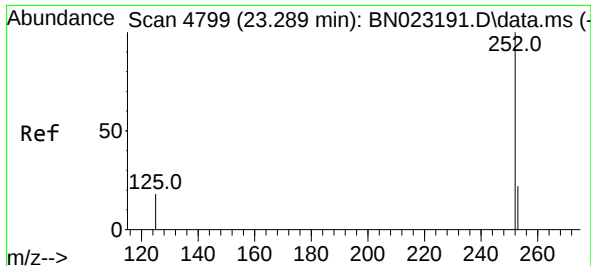
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Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 27.7 22.2 33.4



#22
Chrysene
Concen: 0.327 ng/ul
RT: 21.625 min Scan# 4230
Delta R.T. -0.003 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

Tgt Ion:228 Resp: 26464
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 19.7 15.8 23.8

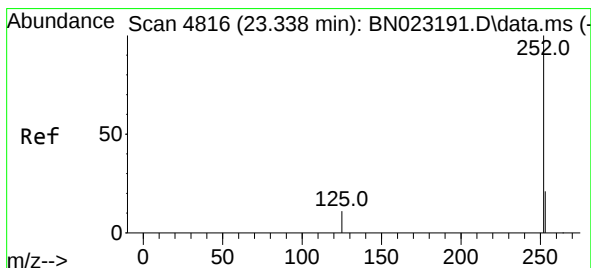
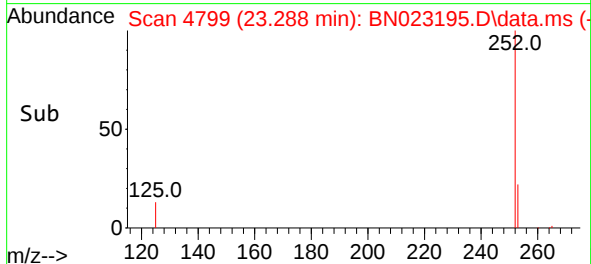
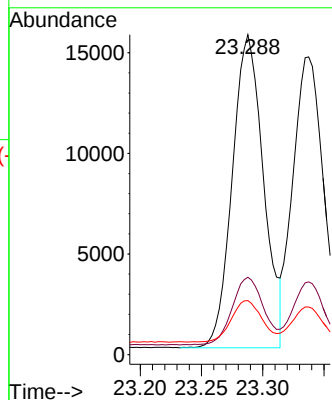
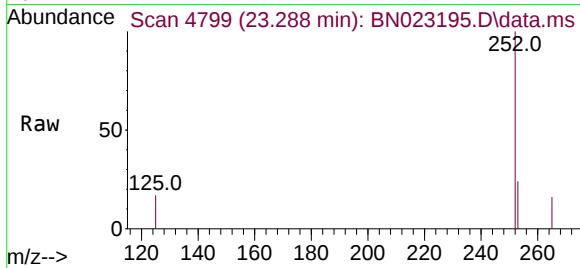




#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.288 min Scan# 4799
Delta R.T. -0.003 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

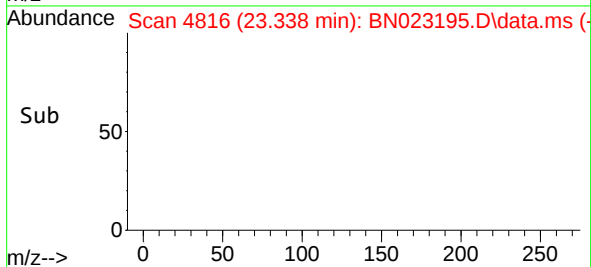
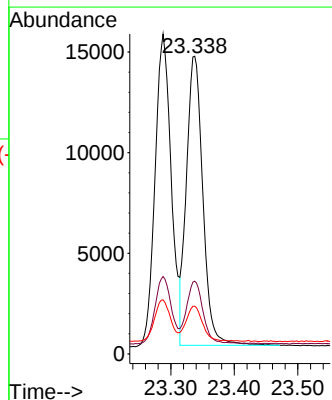
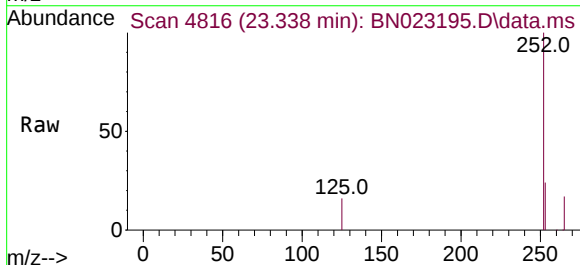
Instrument :
BNA_N
ClientSampleId :
SLCS540

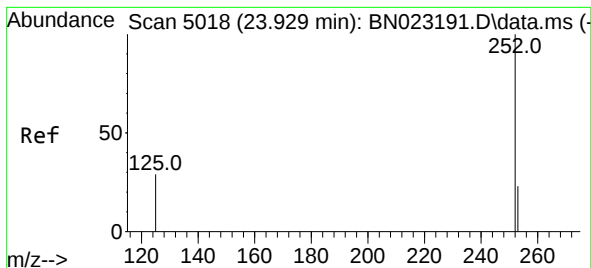
Tgt Ion:252 Resp: 27567
Ion Ratio Lower Upper
252 100
253 24.2 0.0 46.0
125 16.9 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.299 ng/ul
RT: 23.338 min Scan# 4816
Delta R.T. -0.003 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

Tgt Ion:252 Resp: 25893
Ion Ratio Lower Upper
252 100
253 24.4 18.7 28.1
125 16.0 11.3 16.9





#26

Benzo(a)pyrene

Concen: 0.357 ng/ul

RT: 23.928 min Scan# 5018

Delta R.T. -0.006 min

Lab File: BN023195.D

Acq: 14 Dec 2022 10:46

Instrument :

BNA_N

ClientSampleId :

SLCS540

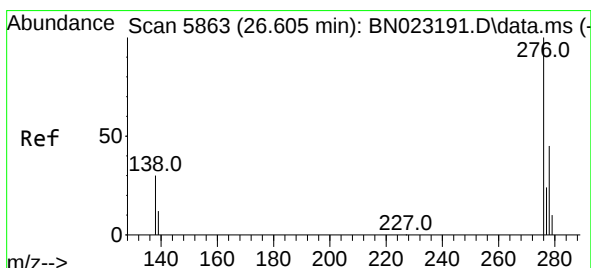
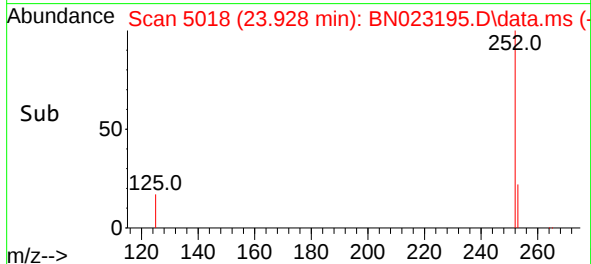
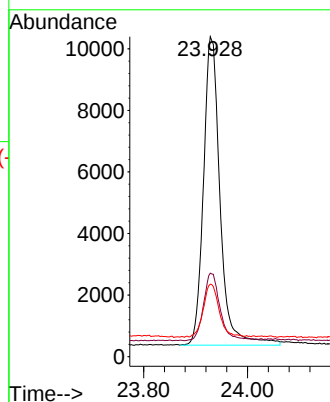
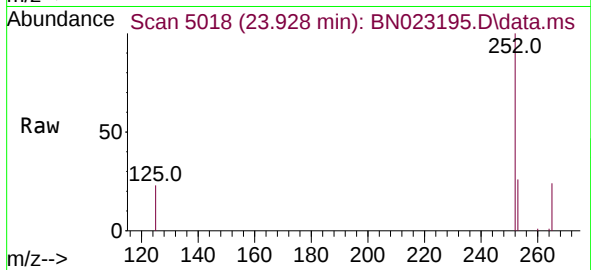
Tgt Ion:252 Resp: 22251

Ion Ratio Lower Upper

252 100

253 26.1 19.7 29.5

125 22.6 13.7 20.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.396 ng/ul

RT: 26.604 min Scan# 5863

Delta R.T. -0.007 min

Lab File: BN023195.D

Acq: 14 Dec 2022 10:46

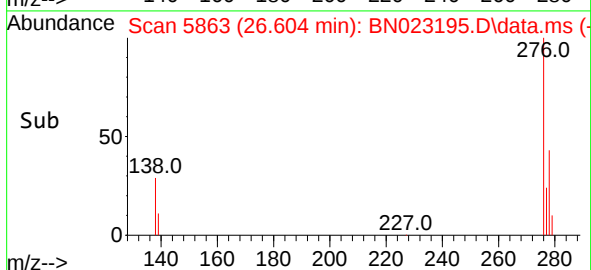
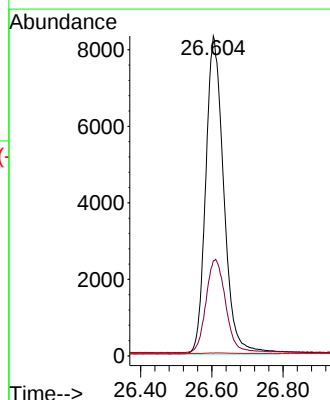
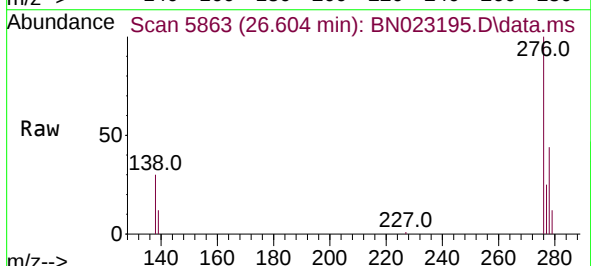
Tgt Ion:276 Resp: 29297

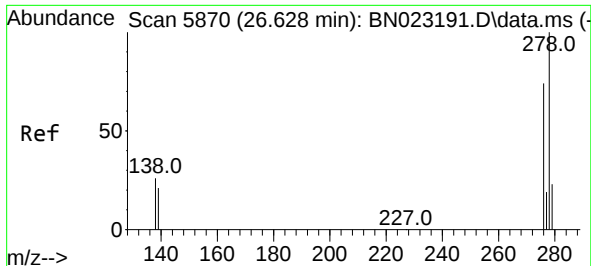
Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

227 0.1 0.0 0.0#

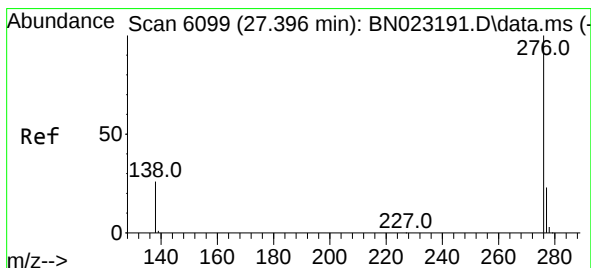
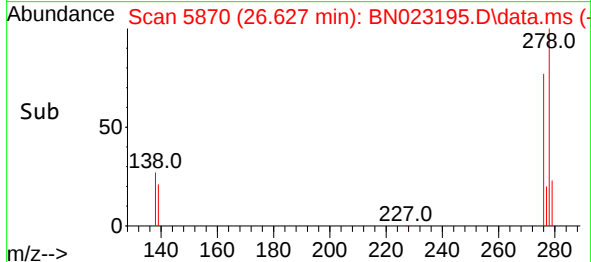
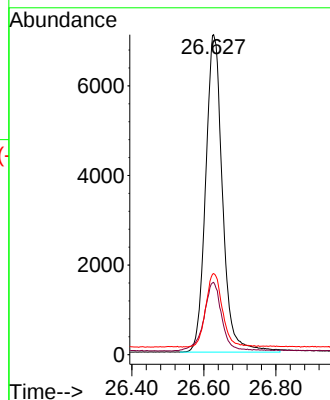
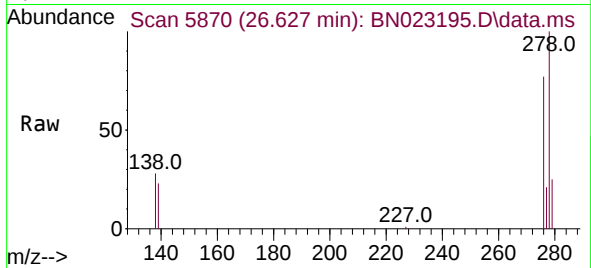




#28
Dibenzo(a,h)anthracene
Concen: 0.391 ng/ul
RT: 26.627 min Scan# 5870
Delta R.T. -0.003 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

Instrument :
BNA_N
ClientSampleId :
SLCS540

Tgt Ion:278 Resp: 23028
Ion Ratio Lower Upper
278 100
139 22.6 18.3 27.5
279 25.3 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 27.395 min Scan# 6099
Delta R.T. -0.007 min
Lab File: BN023195.D
Acq: 14 Dec 2022 10:46

Tgt Ion:276 Resp: 23955
Ion Ratio Lower Upper
276 100
138 28.9 22.1 33.1
277 24.3 19.4 29.2

