

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
 Data File : BN023179.D
 Acq On : 14 Dec 2022 00:26
 Operator : CG/JU
 Sample : PB149487BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS487

Quant Time: Dec 14 01:51:05 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)

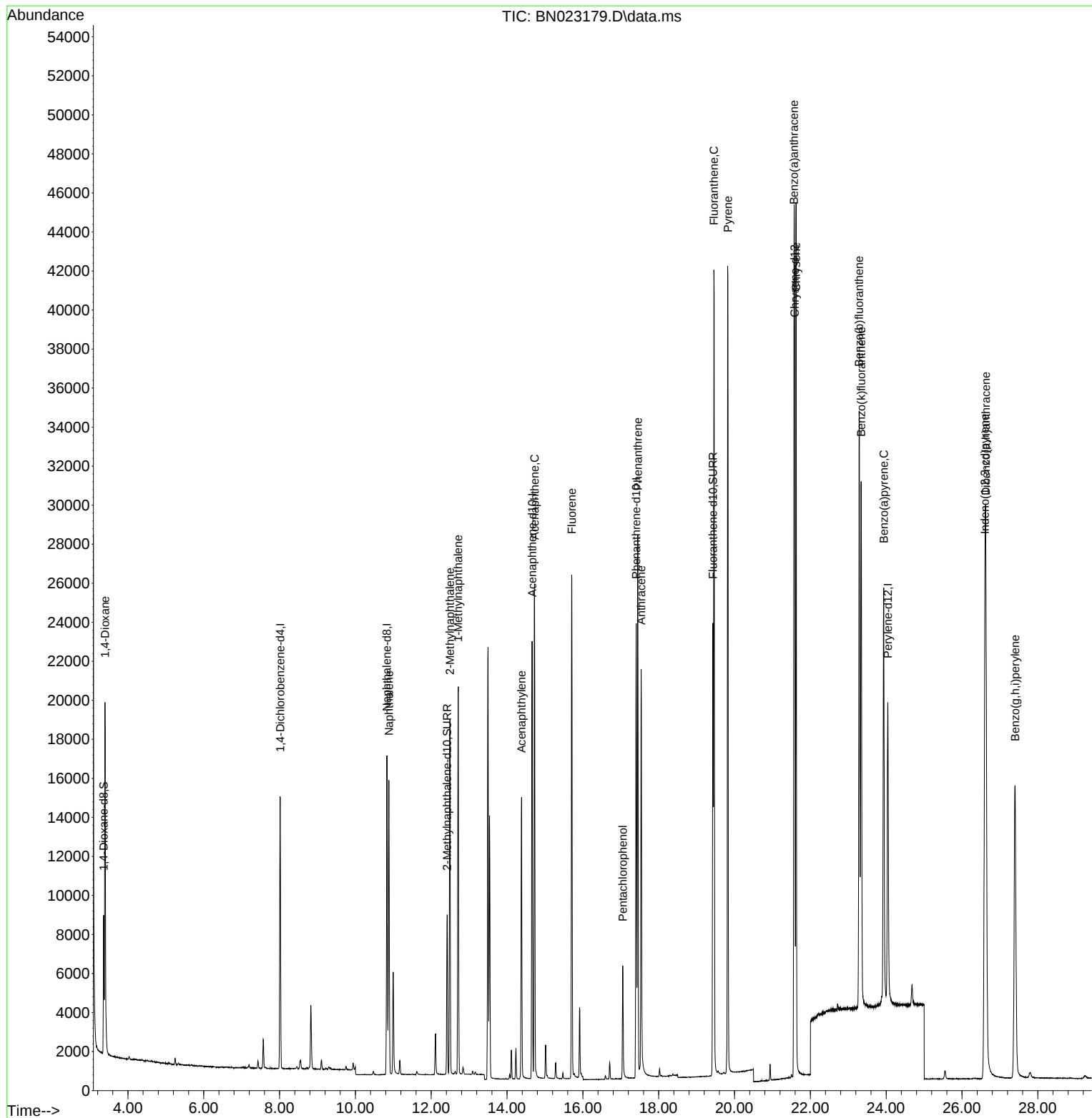
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	6811	0.400	ng/u1	0.00
4) Naphthalene-d8	10.832	136	20862	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.659	164	11898	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.407	188	27178	0.400	ng/u1	0.00
17) Chrysene-d12	21.587	240	26403	0.400	ng/u1	0.00
23) Perylene-d12	24.045	264	22223	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.361	96	4687	0.573	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.421	152	10099	0.318	ng/u1	0.00
18) Fluoranthene-d10	19.430	212	24083	0.247	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.395	88	12468	1.463	ng/u1	93
5) Naphthalene	10.881	128	19574	0.309	ng/u1	100
7) 2-Methylnaphthalene	12.493	142	12364	0.312	ng/u1	99
8) 1-Methylnaphthalene	12.713	142	13309	0.331	ng/u1	100
10) Acenaphthylene	14.382	152	16126	0.275	ng/u1	100
11) Acenaphthene	14.724	153	14201	0.306	ng/u1	99
12) Fluorene	15.709	166	16459	0.313	ng/u1	99
14) Pentachlorophenol	17.052	266	3986	0.701	ng/u1#	100
15) Phenanthrene	17.449	178	29271	0.314	ng/u1	99
16) Anthracene	17.538	178	23661	0.296	ng/u1	100
19) Fluoranthene	19.457	202	34635	0.254	ng/u1	96
20) Pyrene	19.825	202	34850	0.261	ng/u1	99
21) Benzo(a)anthracene	21.569	228	34076	0.338	ng/u1	100
22) Chrysene	21.625	228	37650	0.340	ng/u1	100
24) Benzo(b)fluoranthene	23.288	252	39221	0.348	ng/u1	97
25) Benzo(k)fluoranthene	23.341	252	37596	0.316	ng/u1	99
26) Benzo(a)pyrene	23.934	252	32393	0.378	ng/u1#	94
27) Indeno(1,2,3-cd)pyrene	26.604	276	42717	0.419	ng/u1#	100
28) Dibenzo(a,h)anthracene	26.627	278	33449	0.413	ng/u1	99
29) Benzo(g,h,i)perylene	27.399	276	33369	0.375	ng/u1	100

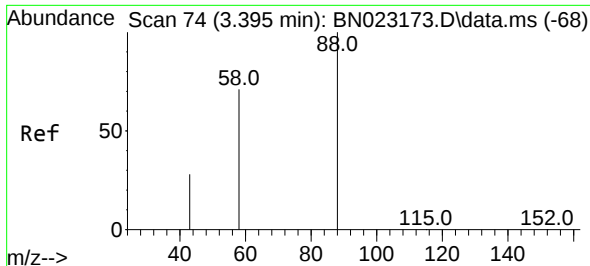
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
Data File : BN023179.D
Acq On : 14 Dec 2022 00:26
Operator : CG/JU
Sample : PB149487BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS487

Quant Time: Dec 14 01:51:05 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

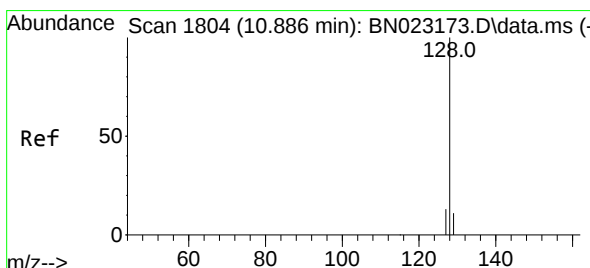
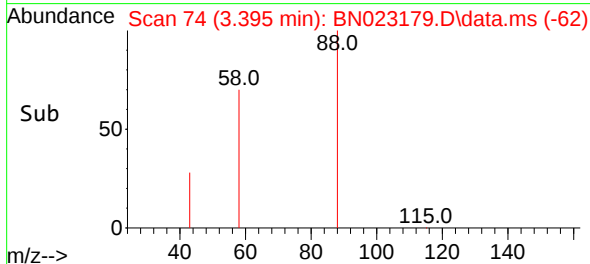
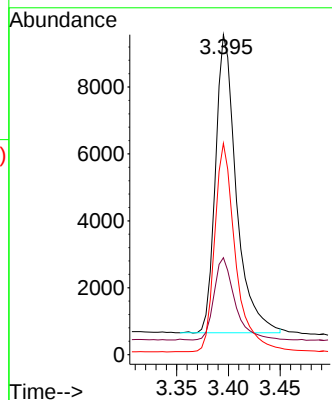
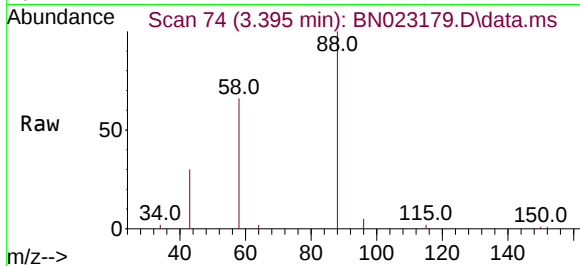




#2
1,4-Dioxane
Concen: 1.463 ng/ul
RT: 3.395 min Scan# 74
Delta R.T. 0.000 min
Lab File: BN023179.D
Acq: 14 Dec 2022 00:26

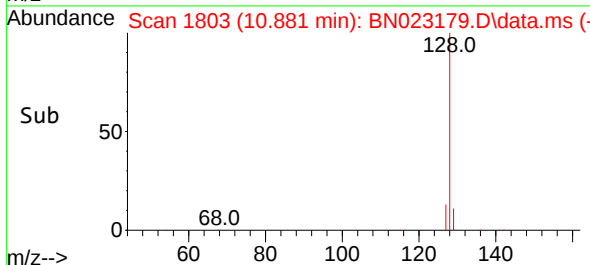
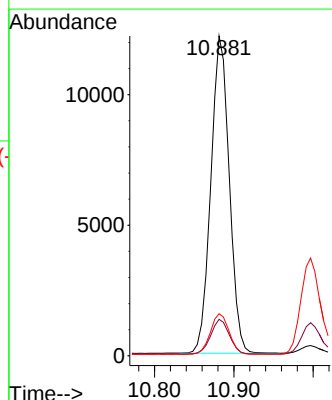
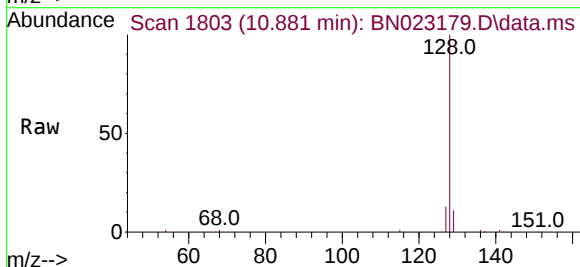
Instrument :
BNA_N
ClientSampleId :
SLCS487

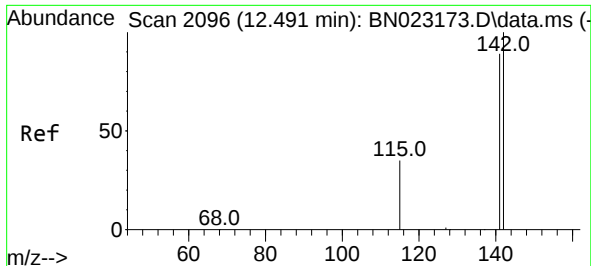
Tgt Ion: 88 Resp: 12468
Ion Ratio Lower Upper
88 100
43 30.3 26.2 39.4
58 66.0 47.6 71.4



#5
Naphthalene
Concen: 0.309 ng/ul
RT: 10.881 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BN023179.D
Acq: 14 Dec 2022 00:26

Tgt Ion: 128 Resp: 19574
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.1 10.6 16.0

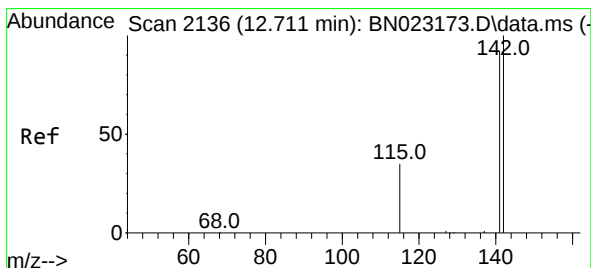
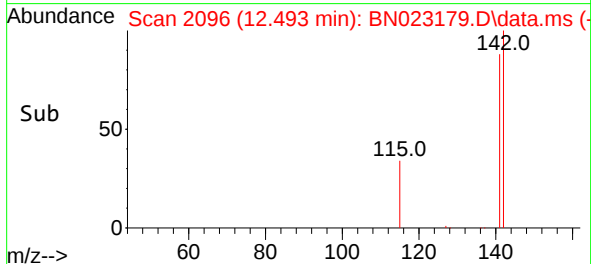
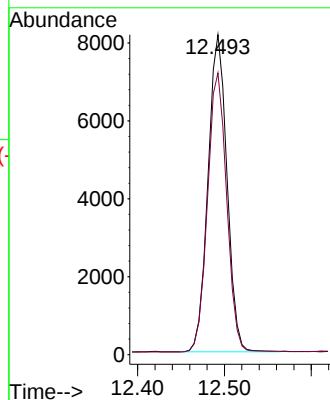
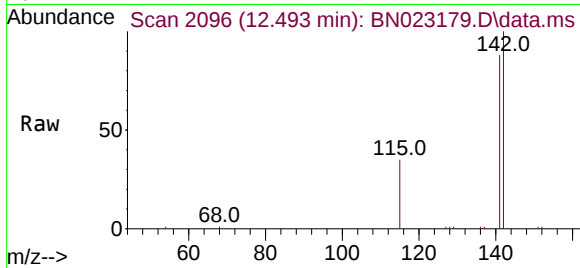




#7
2-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 12.493 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN023179.D
Acq: 14 Dec 2022 00:26

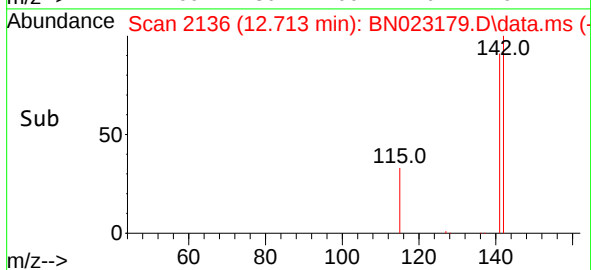
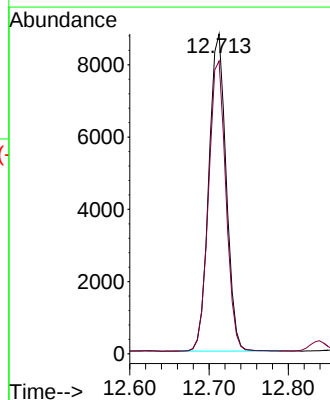
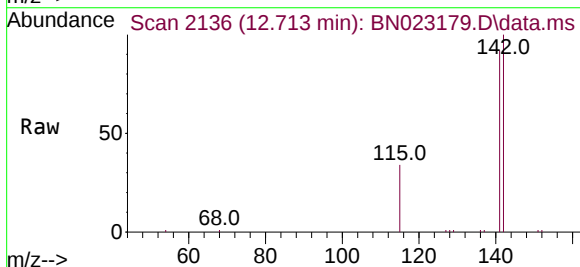
Instrument :
BNA_N
ClientSampleId :
SLCS487

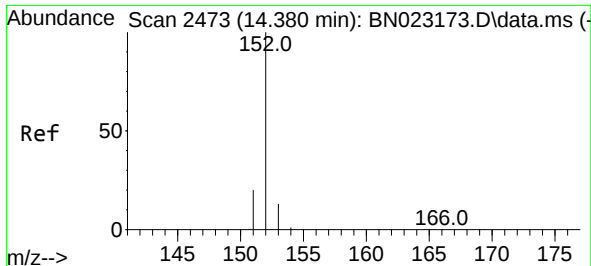
Tgt Ion:142 Resp: 12364
Ion Ratio Lower Upper
142 100
141 88.9 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.331 ng/ul
RT: 12.713 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BN023179.D
Acq: 14 Dec 2022 00:26

Tgt Ion:142 Resp: 13309
Ion Ratio Lower Upper
142 100
141 91.9 73.8 110.6

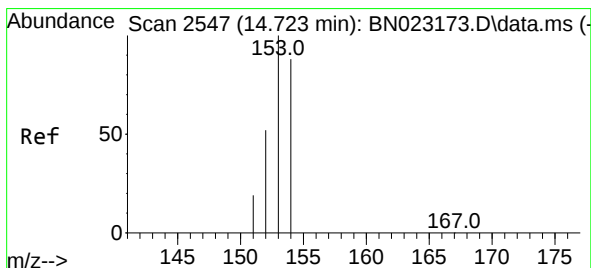
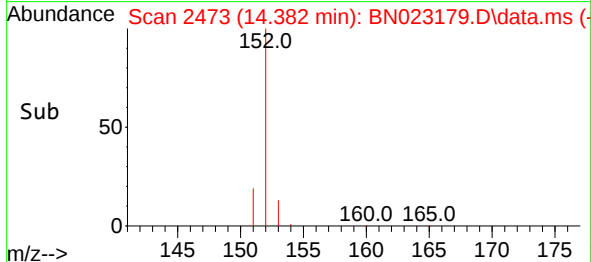
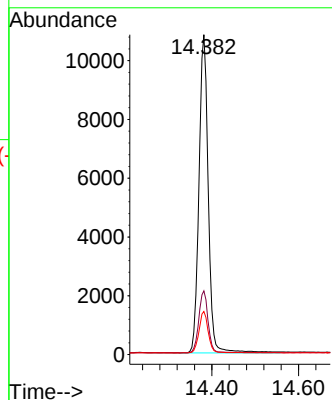
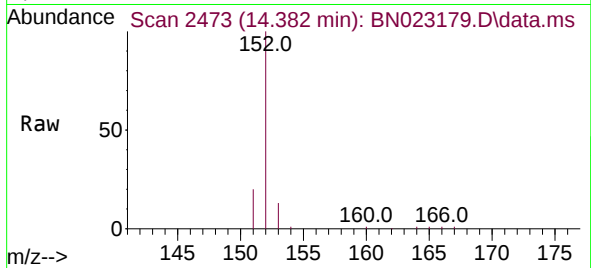




#10
Acenaphthylene
Concen: 0.275 ng/ul
RT: 14.382 min Scan# 2473
Delta R.T. 0.000 min
Lab File: BN023179.D
Acq: 14 Dec 2022 00:26

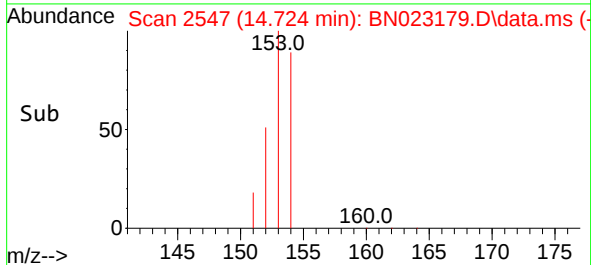
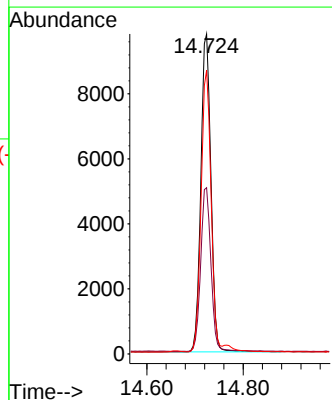
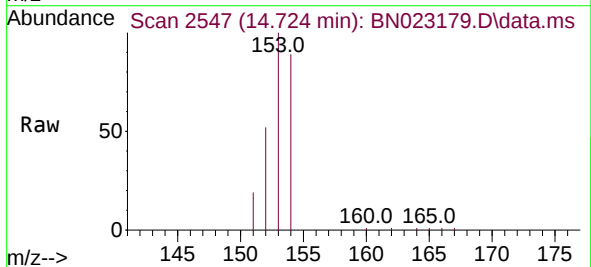
Instrument :
BNA_N
ClientSampleId :
SLCS487

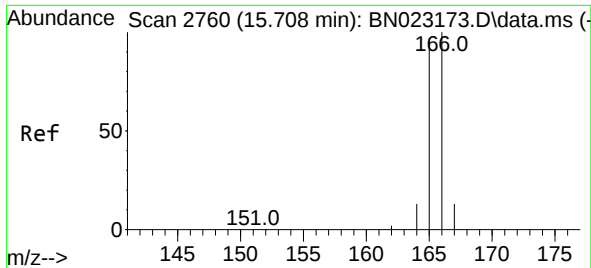
Tgt Ion:152	Resp:	16126
Ion Ratio	Lower	Upper
152	100	
151	19.9	16.0 24.0
153	13.5	10.5 15.7



#11
Acenaphthene
Concen: 0.306 ng/ul
RT: 14.724 min Scan# 2547
Delta R.T. 0.000 min
Lab File: BN023179.D
Acq: 14 Dec 2022 00:26

Tgt Ion:153	Resp:	14201
Ion Ratio	Lower	Upper
153	100	
152	51.9	41.8 62.8
154	88.6	71.3 106.9

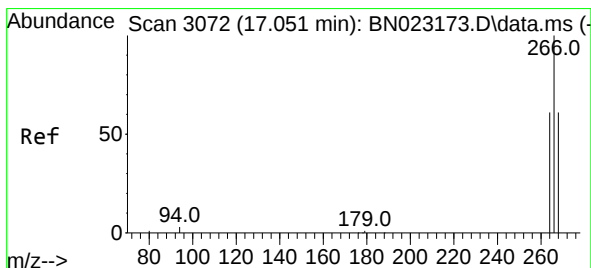
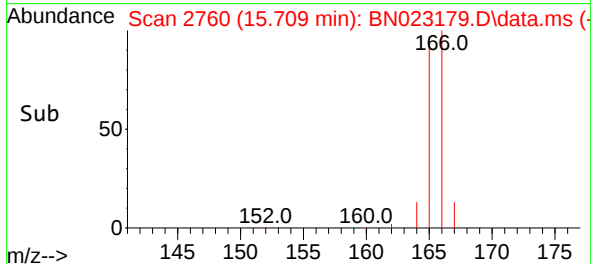
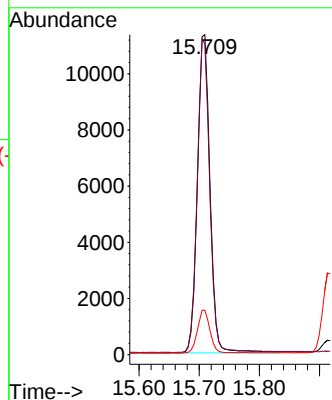
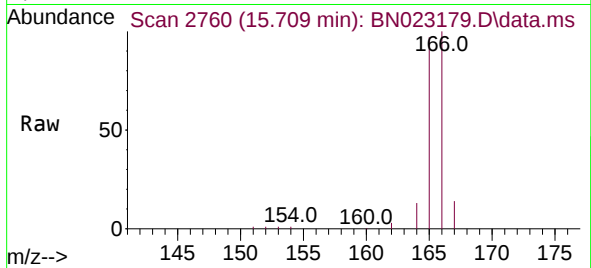




#12
 Fluorene
 Concen: 0.313 ng/ul
 RT: 15.709 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN023179.D
 Acq: 14 Dec 2022 00:26

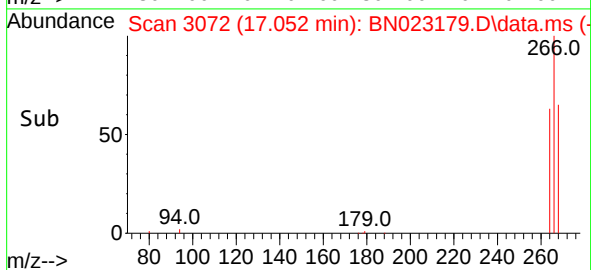
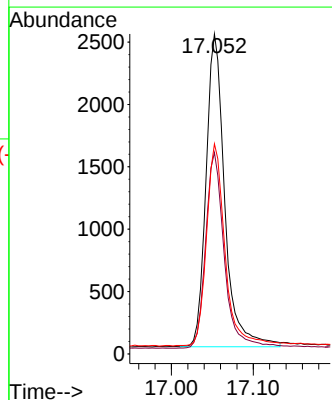
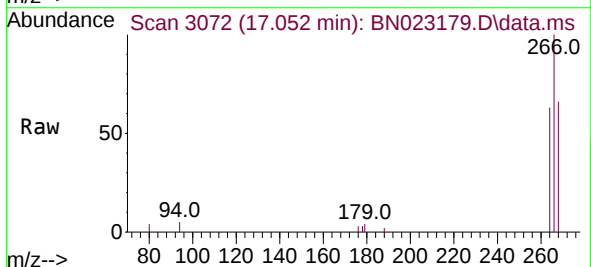
Instrument :
 BNA_N
 ClientSampleId :
 SLCS487

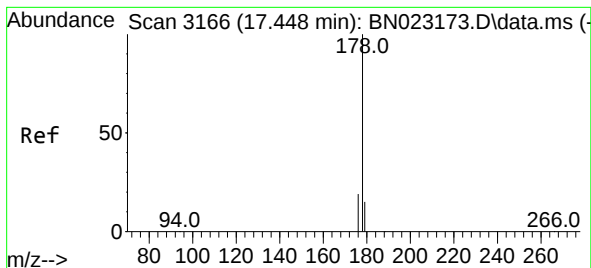
Tgt Ion:166 Resp: 16459
 Ion Ratio Lower Upper
 166 100
 165 97.1 78.7 118.1
 167 13.9 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.701 ng/ul
 RT: 17.052 min Scan# 3072
 Delta R.T. 0.000 min
 Lab File: BN023179.D
 Acq: 14 Dec 2022 00:26

Tgt Ion:266 Resp: 3986
 Ion Ratio Lower Upper
 266 100
 264 62.6 0.0 0.0#
 268 64.2 0.0 0.0#





#15

Phenanthrene

Concen: 0.314 ng/ul

RT: 17.449 min Scan# 3166

Delta R.T. 0.000 min

Lab File: BN023179.D

Acq: 14 Dec 2022 00:26

Instrument :

BNA_N

ClientSampleId :

SLCS487

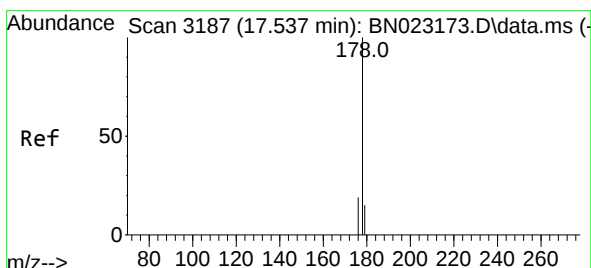
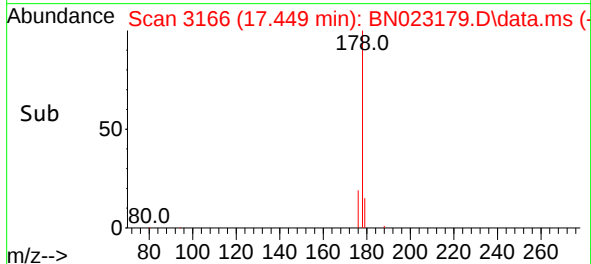
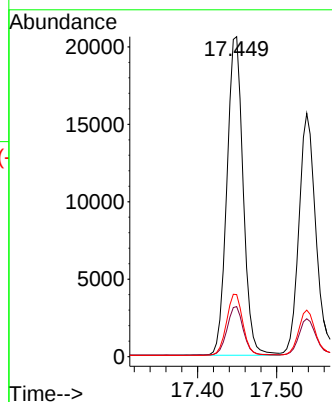
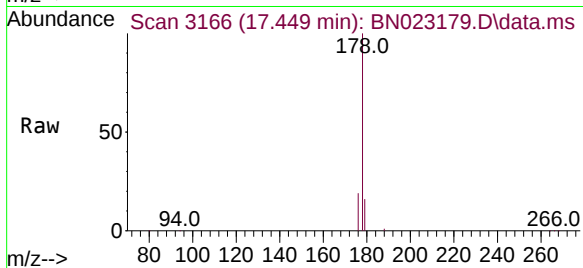
Tgt Ion:178 Resp: 29271

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

176 19.4 15.9 23.9



#16

Anthracene

Concen: 0.296 ng/ul

RT: 17.538 min Scan# 3187

Delta R.T. 0.000 min

Lab File: BN023179.D

Acq: 14 Dec 2022 00:26

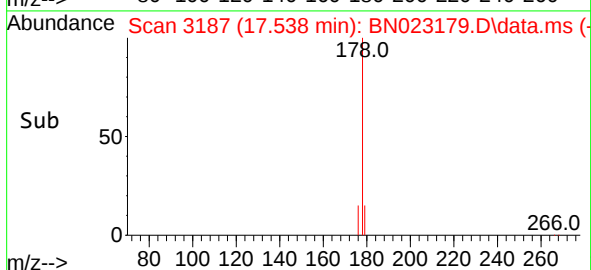
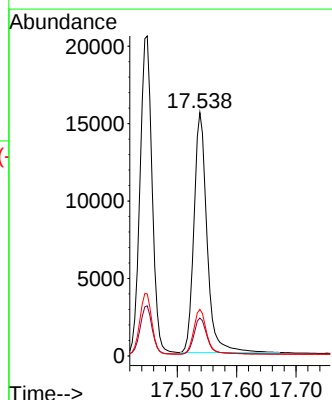
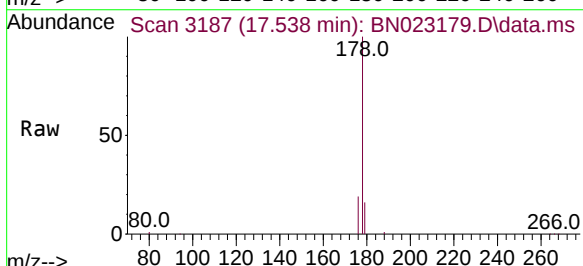
Tgt Ion:178 Resp: 23661

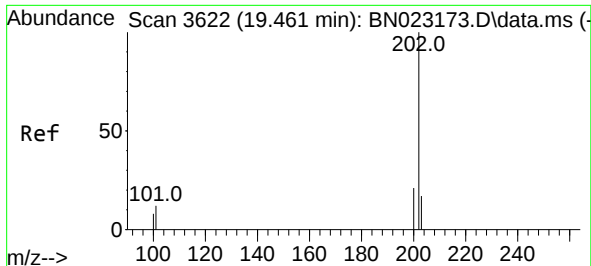
Ion Ratio Lower Upper

178 100

179 15.5 12.6 18.8

176 19.1 15.3 22.9

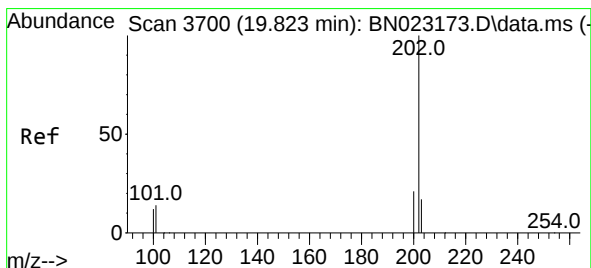
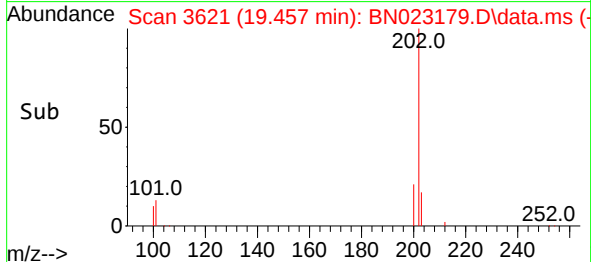
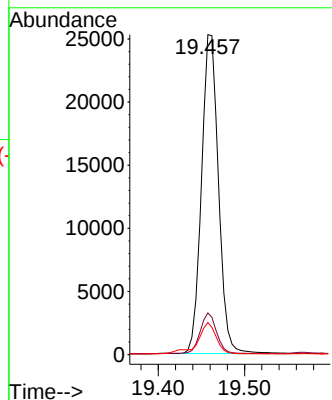
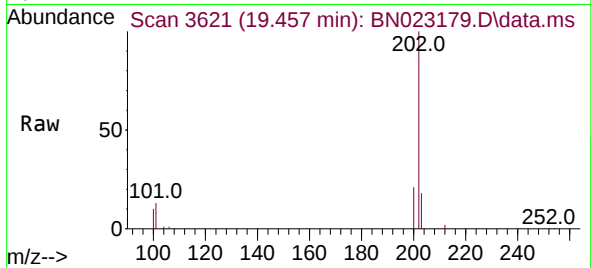




#19
Fluoranthene
Concen: 0.254 ng/ul
RT: 19.457 min Scan# 3621
Delta R.T. -0.004 min
Lab File: BN023179.D
Acq: 14 Dec 2022 00:26

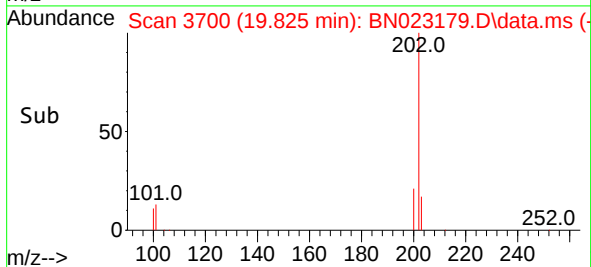
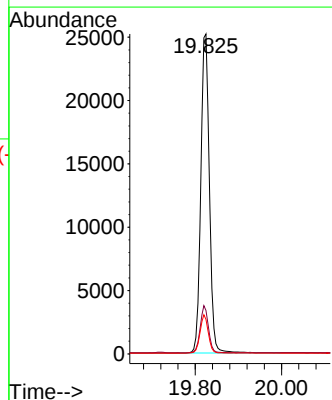
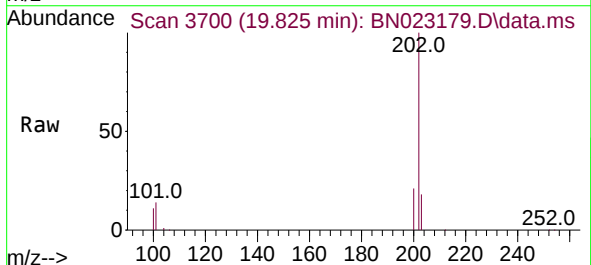
Instrument :
BNA_N
ClientSampleId :
SLCS487

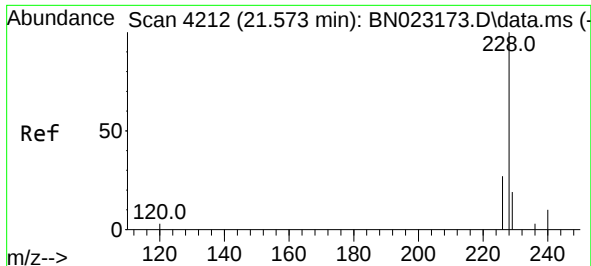
Tgt Ion:202 Resp: 34635
Ion Ratio Lower Upper
202 100
101 13.0 9.2 13.8
100 10.0 6.9 10.3



#20
Pyrene
Concen: 0.261 ng/ul
RT: 19.825 min Scan# 3700
Delta R.T. 0.000 min
Lab File: BN023179.D
Acq: 14 Dec 2022 00:26

Tgt Ion:202 Resp: 34850
Ion Ratio Lower Upper
202 100
101 13.6 10.6 16.0
100 10.8 8.2 12.4

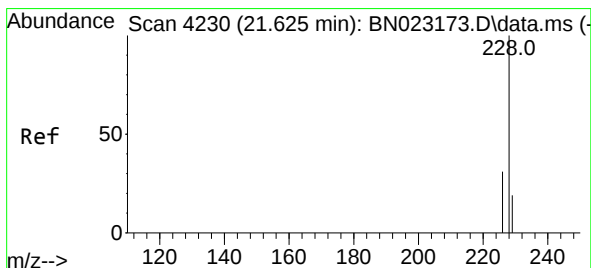
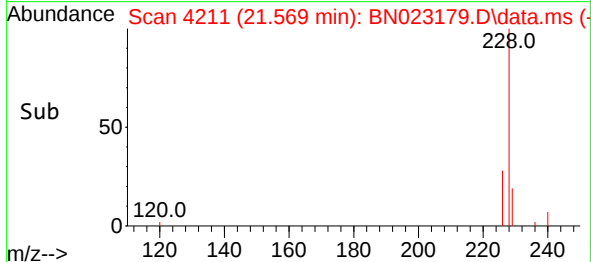
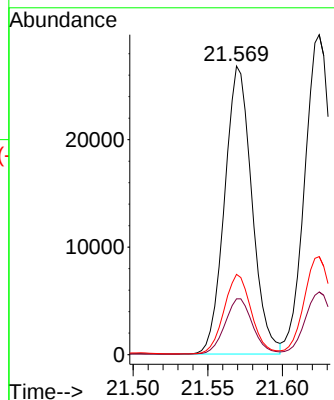
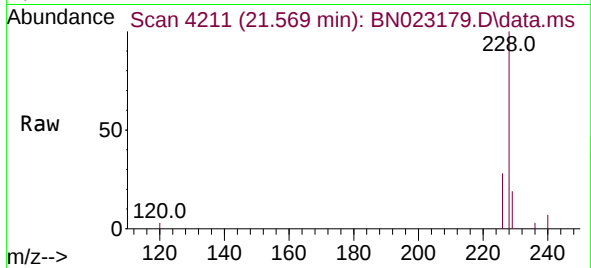




#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.569 min Scan# 4211
Delta R.T. -0.003 min
Lab File: BN023179.D
Acq: 14 Dec 2022 00:26

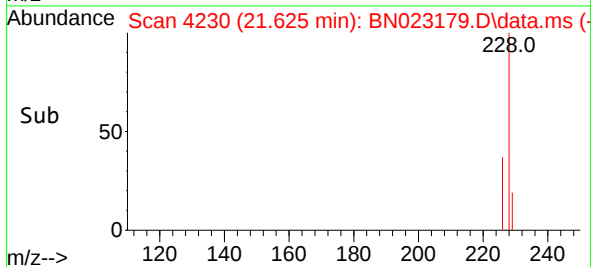
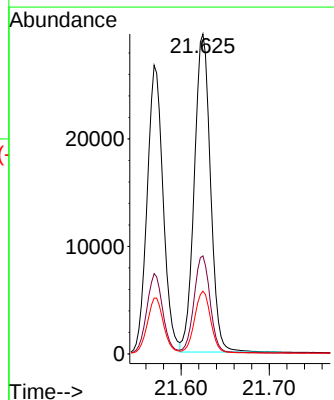
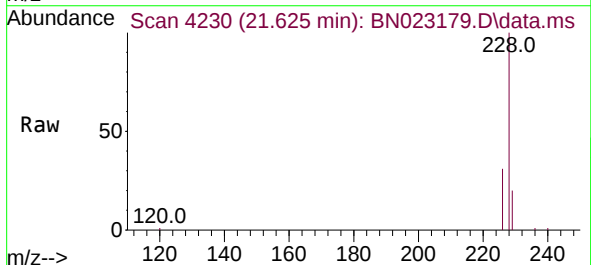
Instrument :
BNA_N
ClientSampleId :
SLCS487

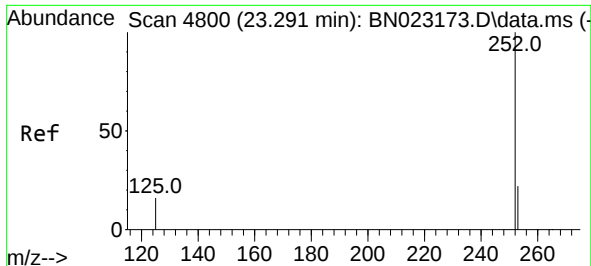
Tgt Ion:228 Resp: 34076
Ion Ratio Lower Upper
228 100
229 19.3 15.5 23.3
226 27.8 22.2 33.4



#22
Chrysene
Concen: 0.340 ng/ul
RT: 21.625 min Scan# 4230
Delta R.T. -0.003 min
Lab File: BN023179.D
Acq: 14 Dec 2022 00:26

Tgt Ion:228 Resp: 37650
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 19.6 15.8 23.8

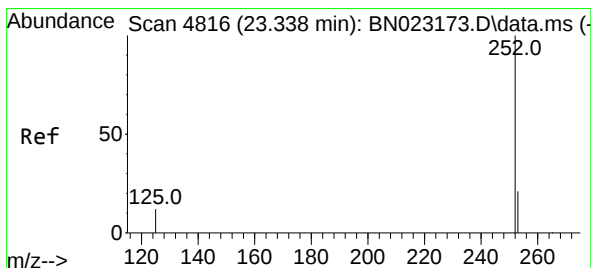
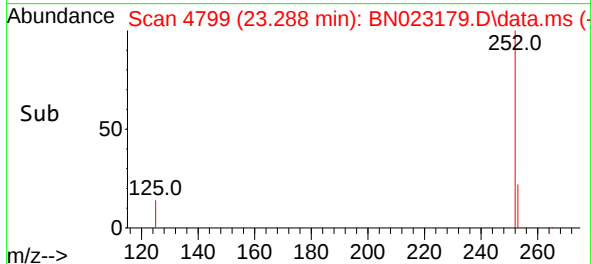
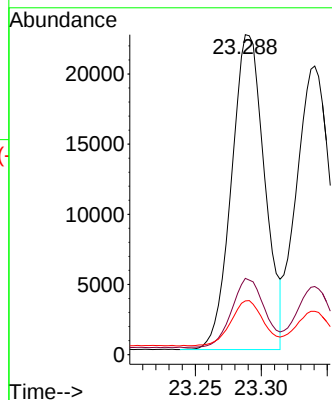
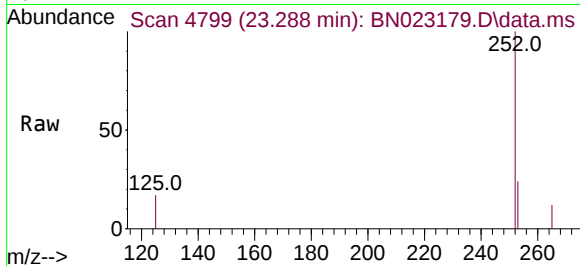




#24
Benzo(b)fluoranthene
Concen: 0.348 ng/ul
RT: 23.288 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN023179.D
Acq: 14 Dec 2022 00:26

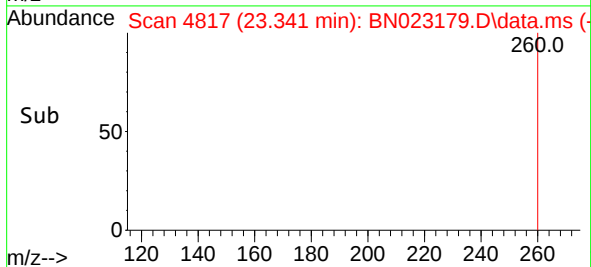
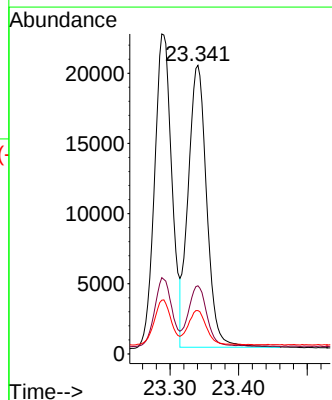
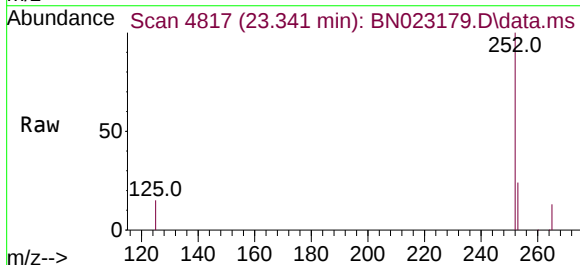
Instrument :
BNA_N
ClientSampleId :
SLCS487

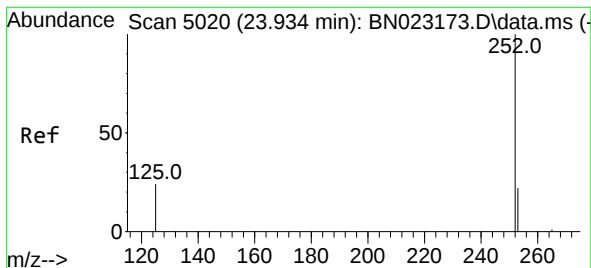
Tgt Ion:252 Resp: 39221
Ion Ratio Lower Upper
252 100
253 23.8 0.0 46.0
125 16.8 0.0 28.6



#25
Benzo(k)fluoranthene
Concen: 0.316 ng/ul
RT: 23.341 min Scan# 4817
Delta R.T. 0.000 min
Lab File: BN023179.D
Acq: 14 Dec 2022 00:26

Tgt Ion:252 Resp: 37596
Ion Ratio Lower Upper
252 100
253 23.6 18.7 28.1
125 15.0 11.3 16.9





#26

Benzo(a)pyrene

Concen: 0.378 ng/ul

RT: 23.934 min Scan# 5020

Delta R.T. 0.000 min

Lab File: BN023179.D

Acq: 14 Dec 2022 00:26

Instrument :

BNA_N

ClientSampleId :

SLCS487

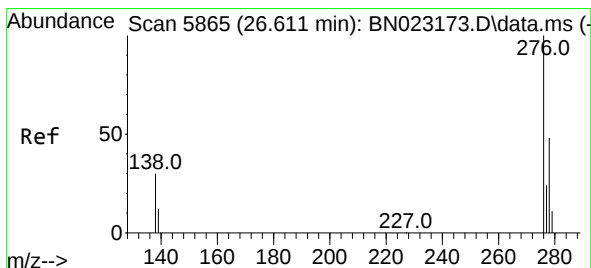
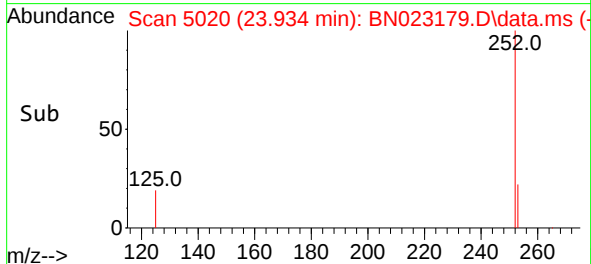
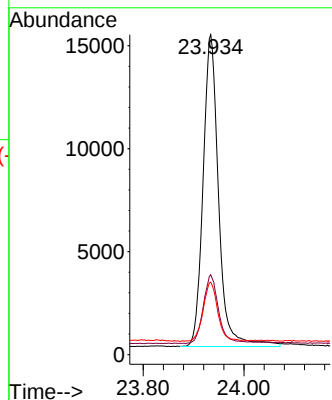
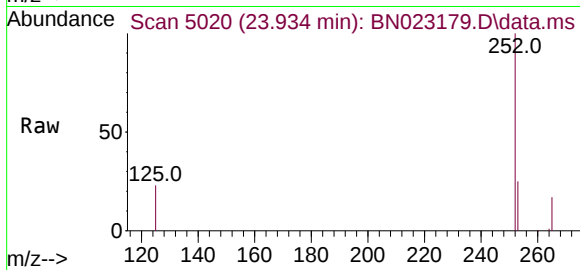
Tgt Ion:252 Resp: 32393

Ion Ratio Lower Upper

252 100

253 25.0 19.7 29.5

125 22.6 13.7 20.5#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.419 ng/ul

RT: 26.604 min Scan# 5863

Delta R.T. -0.007 min

Lab File: BN023179.D

Acq: 14 Dec 2022 00:26

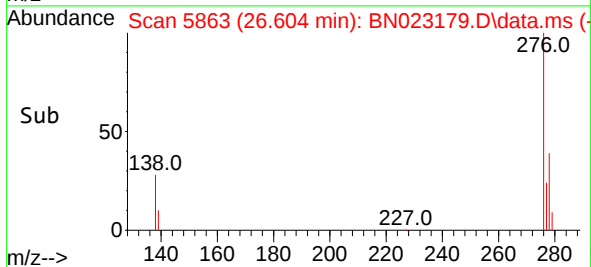
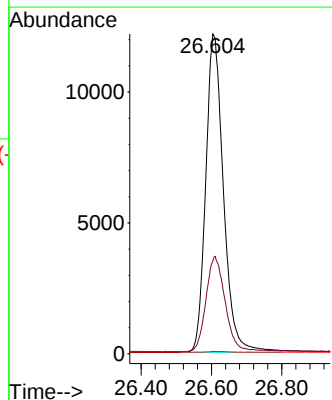
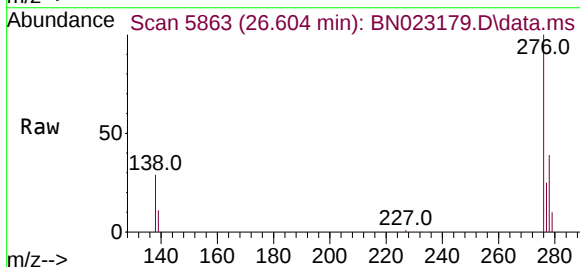
Tgt Ion:276 Resp: 42717

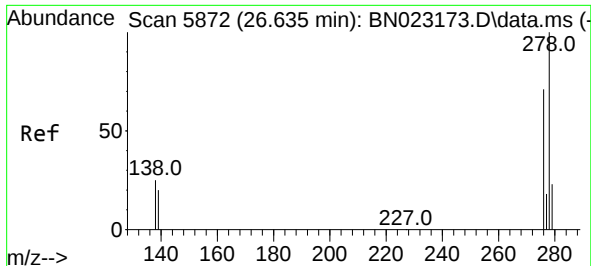
Ion Ratio Lower Upper

276 100

138 32.2 0.0 0.0#

227 0.3 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.413 ng/ul

RT: 26.627 min Scan# 5872

Delta R.T. -0.003 min

Lab File: BN023179.D

Acq: 14 Dec 2022 00:26

Instrument :

BNA_N

ClientSampleId :

SLCS487

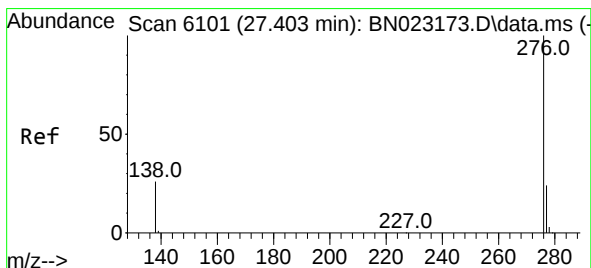
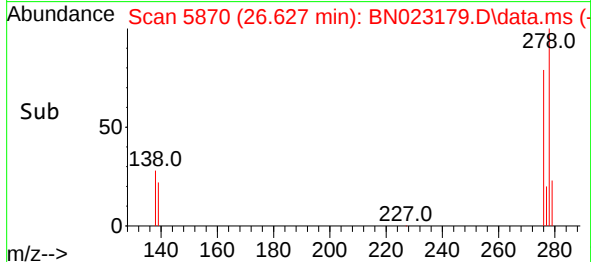
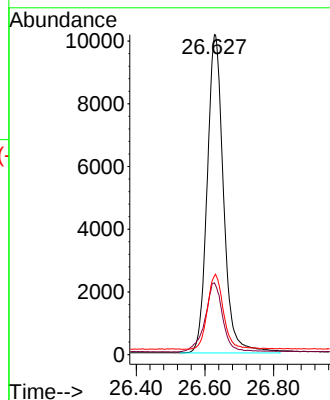
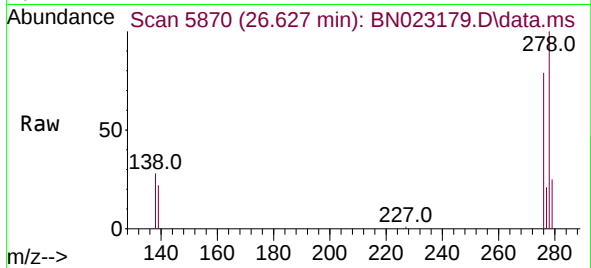
Tgt Ion:278 Resp: 33449

Ion Ratio Lower Upper

278 100

139 22.4 18.3 27.5

279 24.6 20.4 30.6



#29

Benzo(g,h,i)perylene

Concen: 0.375 ng/ul

RT: 27.399 min Scan# 6100

Delta R.T. -0.003 min

Lab File: BN023179.D

Acq: 14 Dec 2022 00:26

Tgt Ion:276 Resp: 33369

Ion Ratio Lower Upper

276 100

138 27.3 22.1 33.1

277 24.2 19.4 29.2

