

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112223\
 Data File : BN028833.D
 Acq On : 22 Nov 2023 09:30
 Operator : MA/JU
 Sample : PB157054BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS054

Quant Time: Nov 22 21:36:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 21 23:49:43 2023
 Response via : Initial Calibration

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

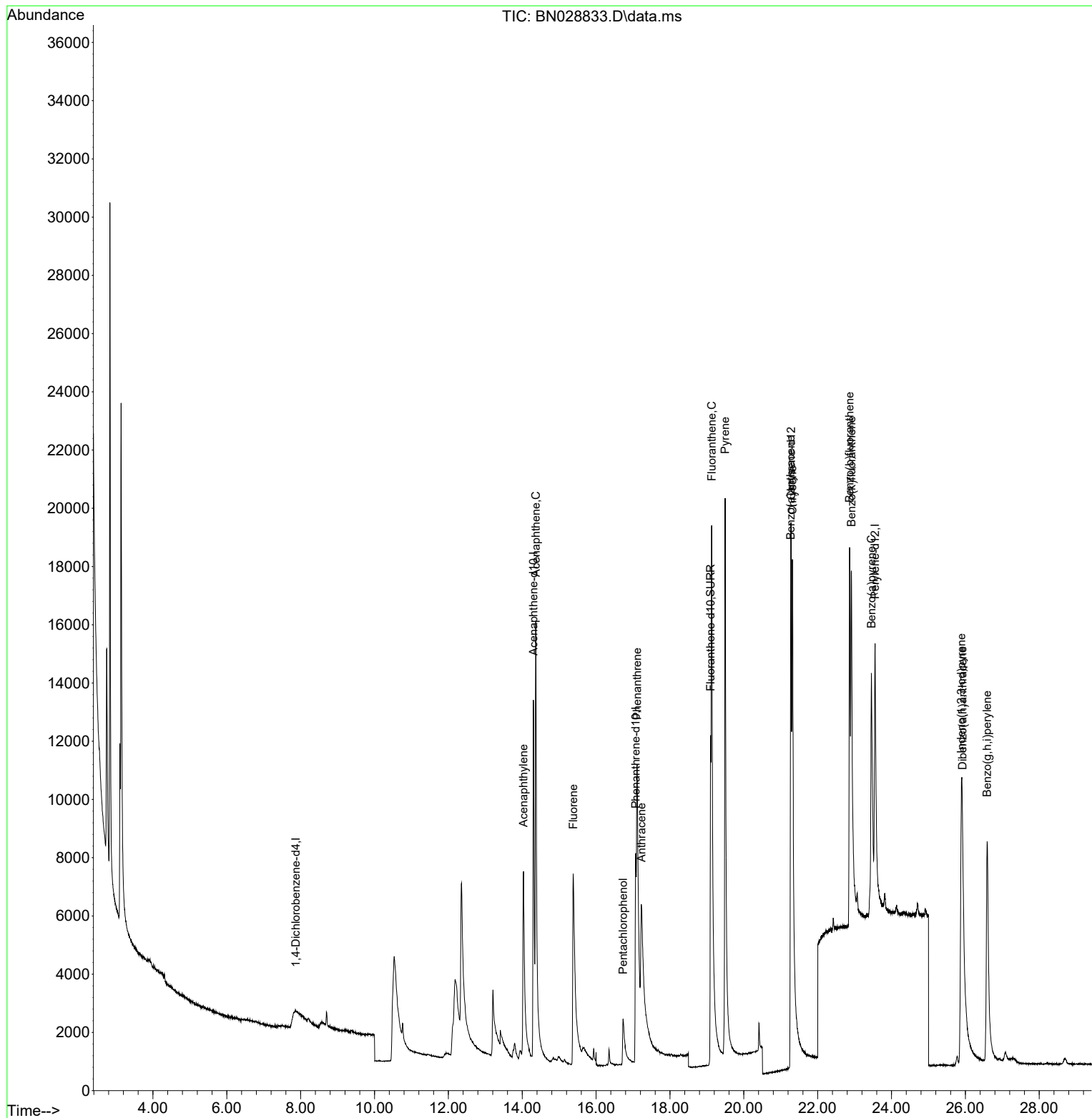
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.866	152	1695	0.400	ng/ul	# 0.13
4) Naphthalene-d8	0.000	136	0	0.000	ng/ul	-10.46
9) Acenaphthene-d10	14.302	164	10688	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.072	188	15258	0.400	ng/ul	0.01
17) Chrysene-d12	21.281	240	15826	0.400	ng/ul	# 0.01
23) Perylene-d12	23.552	264	15715	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.123	152	2865	0.000	ng/ul	0.05
18) Fluoranthene-d10	19.103	212	20268	0.398	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.034	152	17247	0.323	ng/ul	97
11) Acenaphthene	14.367	153	14325	0.365	ng/ul	99
12) Fluorene	15.380	166	12194	0.267	ng/ul	97
14) Pentachlorophenol	16.730	266	2623	0.716	ng/ul	99
15) Phenanthrene	17.110	178	19478	0.416	ng/ul	95
16) Anthracene	17.229	178	10504	0.244	ng/ul#	93
19) Fluoranthene	19.131	202	25317	0.376	ng/ul	98
20) Pyrene	19.494	202	29338	0.421	ng/ul	96
21) Benzo(a)anthracene	21.269	228	15813	0.253	ng/ul	98
22) Chrysene	21.316	228	21653	0.354	ng/ul	99
24) Benzo(b)fluoranthene	22.865	252	19485	0.330	ng/ul	89
25) Benzo(k)fluoranthene	22.914	252	24213	0.392	ng/ul#	90
26) Benzo(a)pyrene	23.455	252	20563	0.369	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.890	276	23740	0.384	ng/ul	98
28) Dibenzo(a,h)anthracene	25.920	278	17737	0.359	ng/ul#	94
29) Benzo(g,h,i)perylene	26.591	276	21725	0.429	ng/ul	97

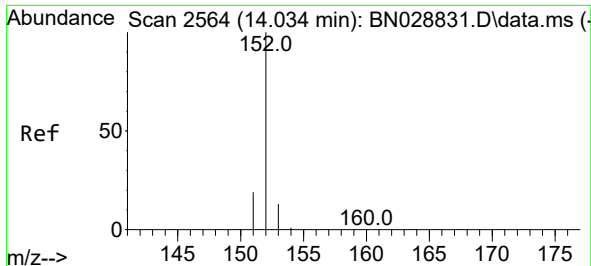
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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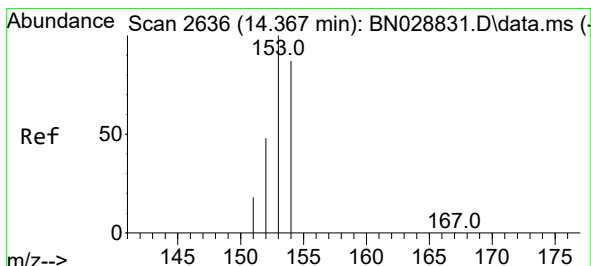
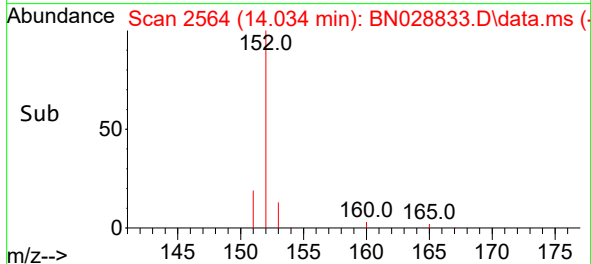
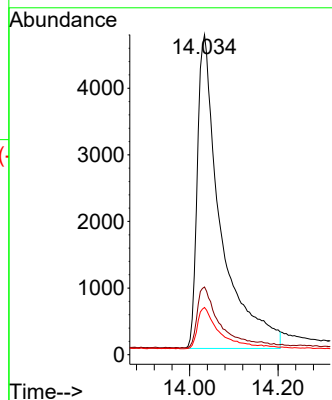
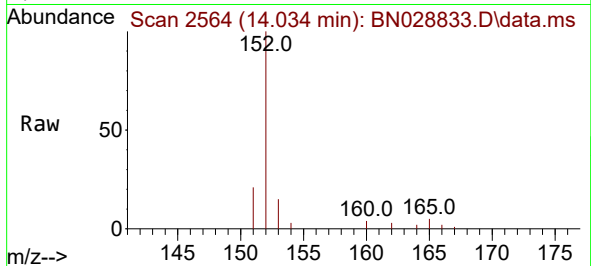




#10
Acenaphthylene
Concen: 0.323 ng/ul
RT: 14.034 min Scan# 2564
Delta R.T. 0.008 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

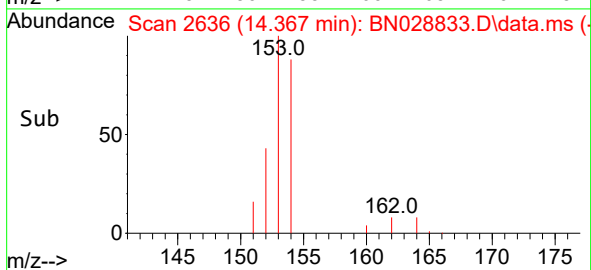
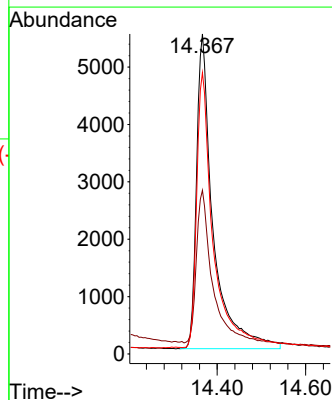
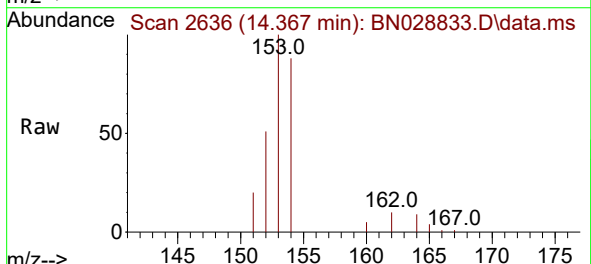
Instrument :
BNA_N
ClientSampleId :
SLCS054

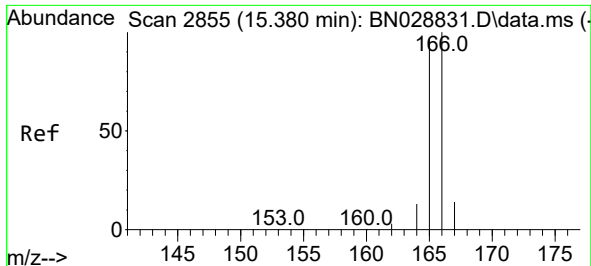
Tgt Ion:152 Resp: 17247
Ion Ratio Lower Upper
152 100
151 21.1 16.1 24.1
153 14.7 10.6 15.8



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.367 min Scan# 2636
Delta R.T. 0.004 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

Tgt Ion:153 Resp: 14325
Ion Ratio Lower Upper
153 100
152 51.1 39.6 59.4
154 87.9 71.0 106.6

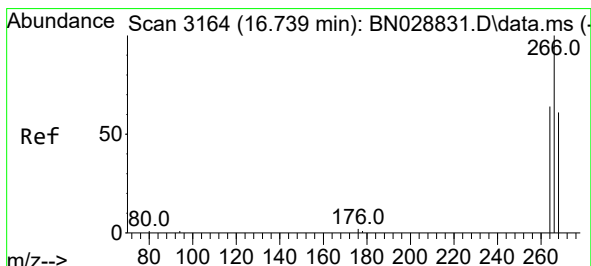
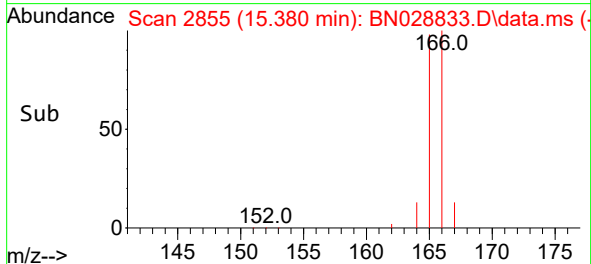
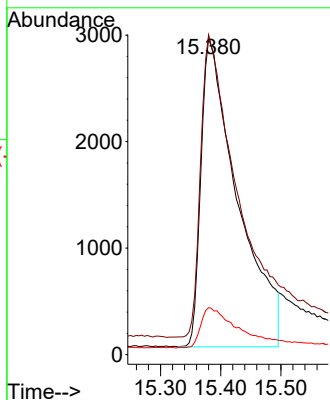
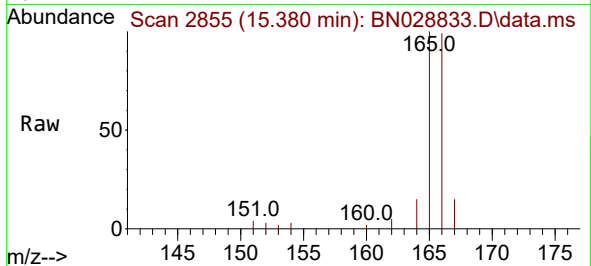




#12
Fluorene
Concen: 0.267 ng/ul
RT: 15.380 min Scan# 2855
Delta R.T. 0.013 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

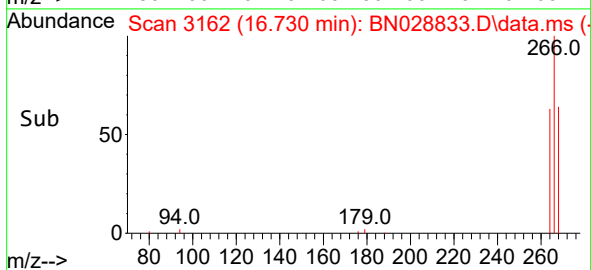
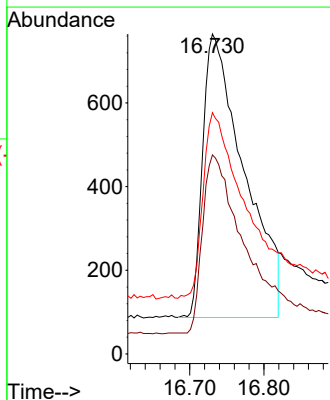
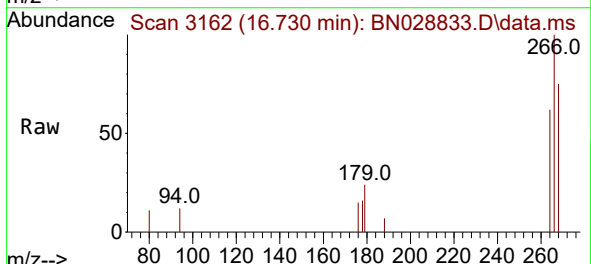
Instrument :
BNA_N
ClientSampleId :
SLCS054

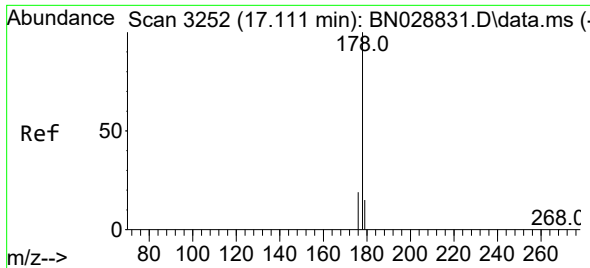
Tgt Ion:166 Resp: 12194
Ion Ratio Lower Upper
166 100
165 101.5 78.6 118.0
167 14.9 11.0 16.6



#14
Pentachlorophenol
Concen: 0.716 ng/ul
RT: 16.730 min Scan# 3162
Delta R.T. 0.007 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

Tgt Ion:266 Resp: 2623
Ion Ratio Lower Upper
266 100
264 62.3 50.1 75.1
268 64.8 50.6 75.8

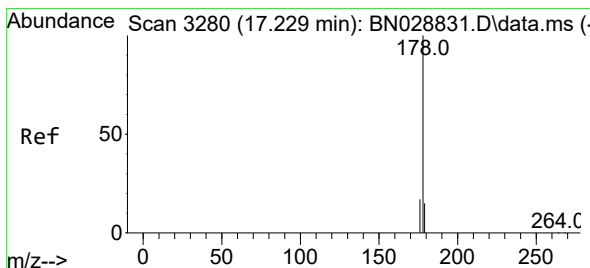
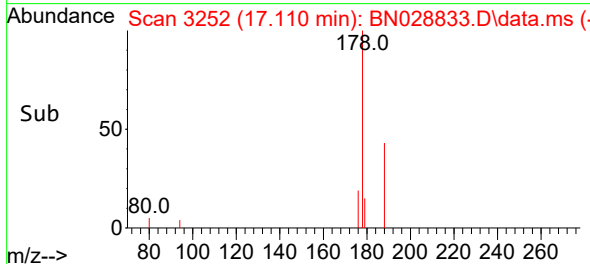
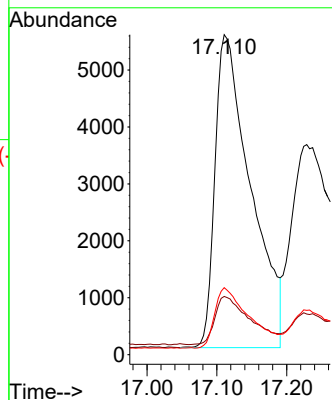
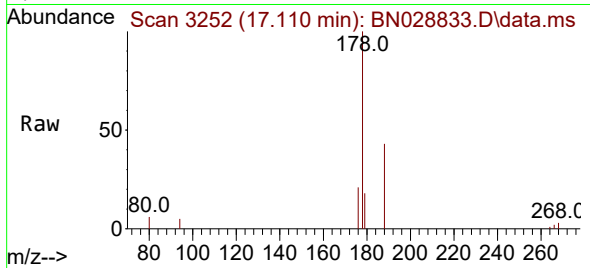




#15
Phenanthrene
Concen: 0.416 ng/ul
RT: 17.110 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

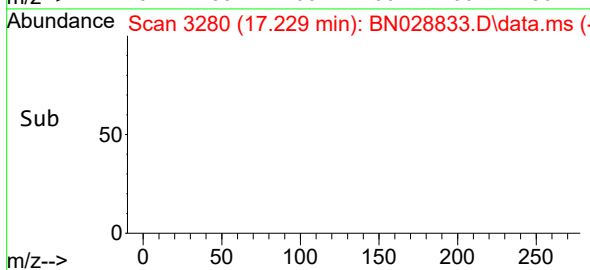
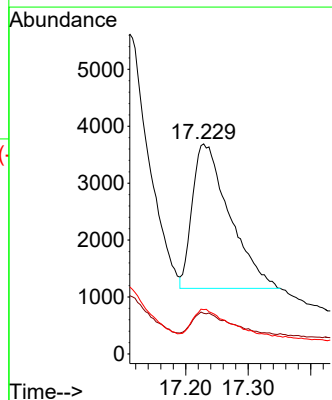
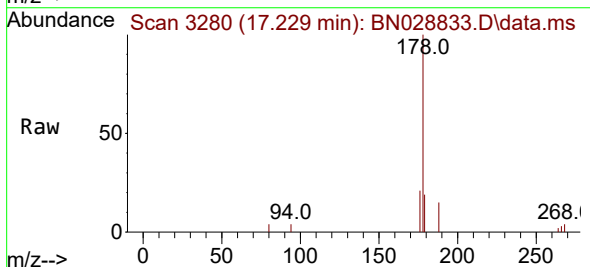
Instrument :
BNA_N
ClientSampleId :
SLCS054

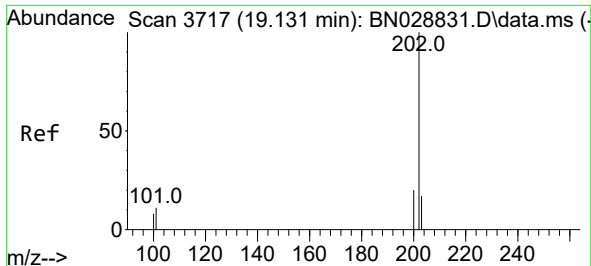
Tgt Ion:	178	Resp:	19478
Ion Ratio	Lower	Upper	
178	100		
179	18.2	12.4	18.6
176	21.0	15.4	23.2



#16
Anthracene
Concen: 0.244 ng/ul
RT: 17.229 min Scan# 3280
Delta R.T. 0.024 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

Tgt Ion:	178	Resp:	10504
Ion Ratio	Lower	Upper	
178	100		
179	19.4	12.6	18.8#
176	21.1	14.9	22.3





#19

Fluoranthene

Concen: 0.376 ng/ul

RT: 19.131 min Scan# 3717

Delta R.T. 0.008 min

Lab File: BN028833.D

Acq: 22 Nov 2023 09:30

Instrument :

BNA_N

ClientSampleId :

SLCS054

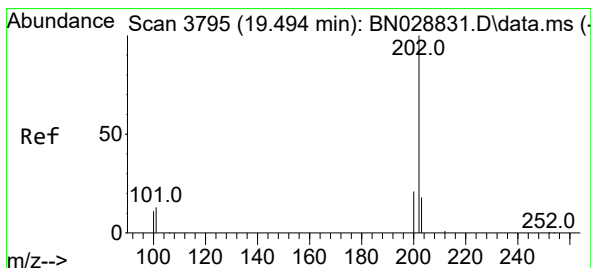
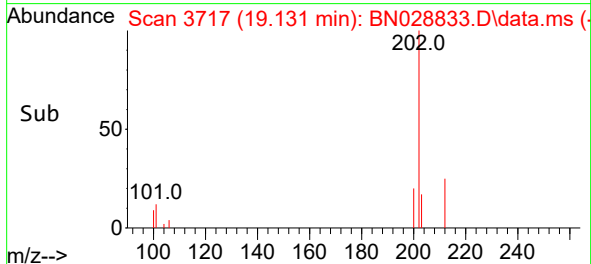
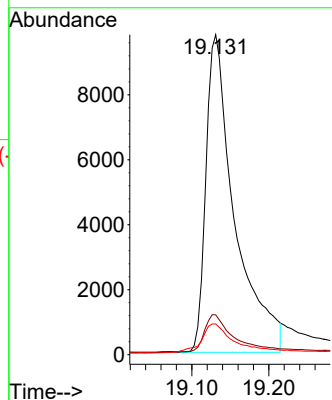
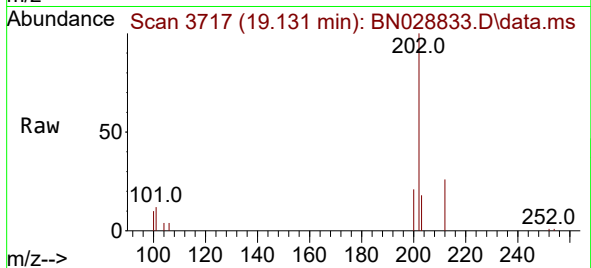
Tgt Ion:202 Resp: 25317

Ion Ratio Lower Upper

202 100

101 12.4 9.5 14.3

100 9.6 7.2 10.8



#20

Pyrene

Concen: 0.421 ng/ul

RT: 19.494 min Scan# 3795

Delta R.T. 0.008 min

Lab File: BN028833.D

Acq: 22 Nov 2023 09:30

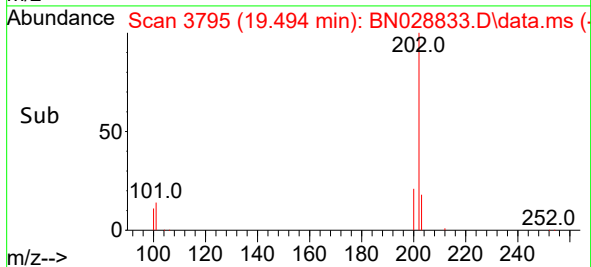
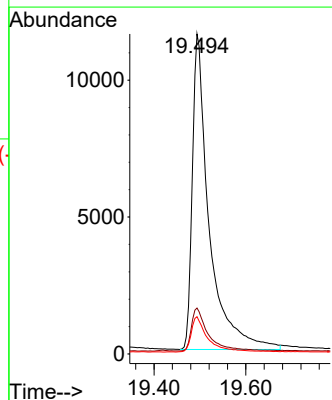
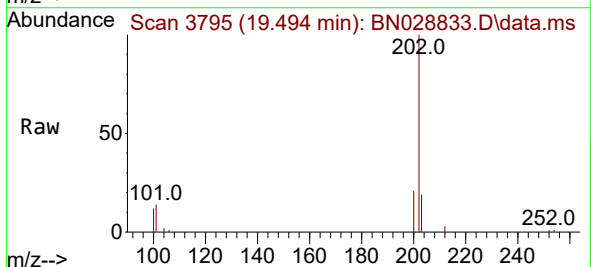
Tgt Ion:202 Resp: 29338

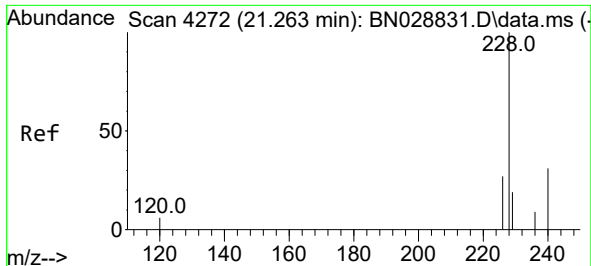
Ion Ratio Lower Upper

202 100

101 14.3 10.3 15.5

100 11.7 8.2 12.2

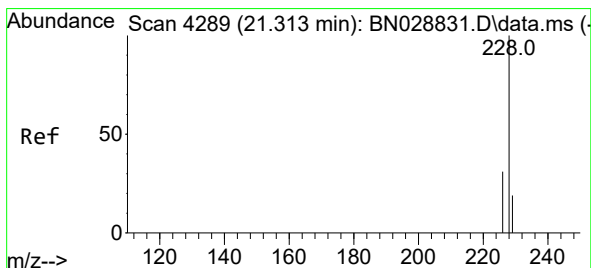
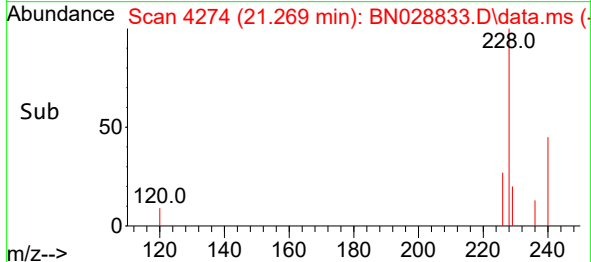
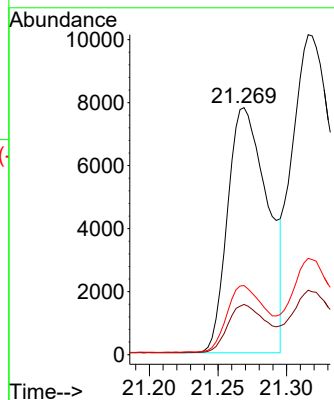
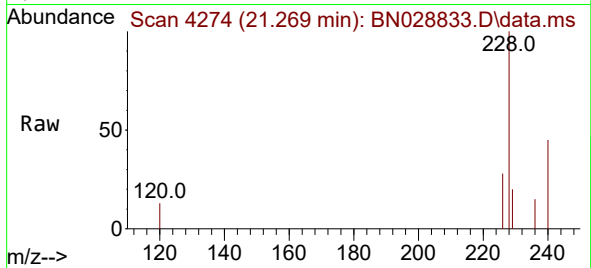




#21
Benzo(a)anthracene
Concen: 0.253 ng/ul
RT: 21.269 min Scan# 41
Delta R.T. 0.014 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

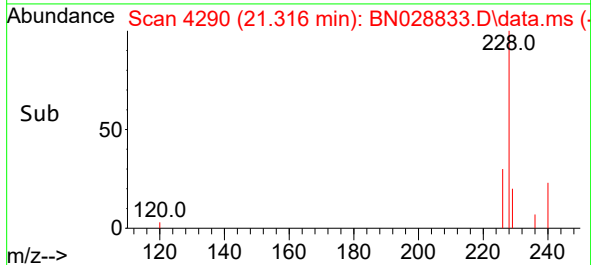
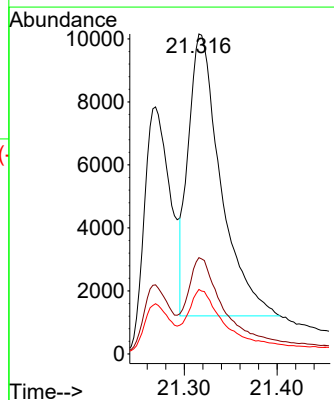
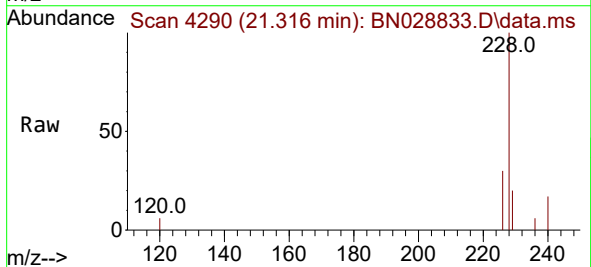
Instrument :
BNA_N
ClientSampleId :
SLCS054

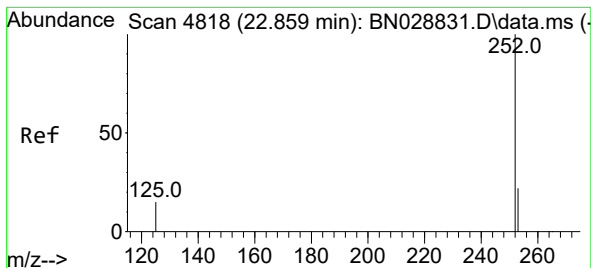
Tgt Ion:228 Resp: 15813
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 28.0 21.4 32.0



#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.316 min Scan# 4290
Delta R.T. 0.011 min
Lab File: BN028833.D
Acq: 22 Nov 2023 09:30

Tgt Ion:228 Resp: 21653
Ion Ratio Lower Upper
228 100
226 30.1 23.8 35.8
229 20.1 15.4 23.2





#24

Benzo(b)fluoranthene

Concen: 0.330 ng/ul

RT: 22.865 min Scan# 4820

Delta R.T. 0.011 min

Lab File: BN028833.D

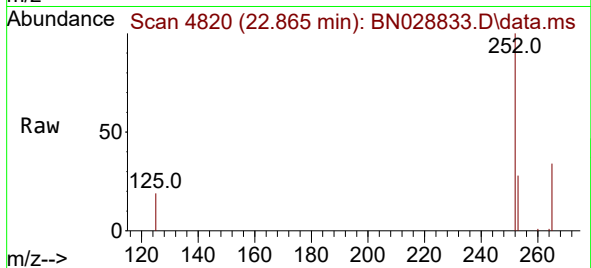
Acq: 22 Nov 2023 09:30

Instrument :

BNA_N

ClientSampleId :

SLCS054



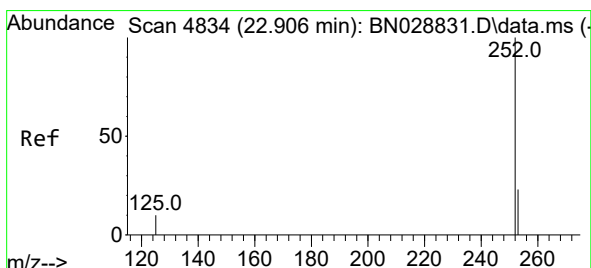
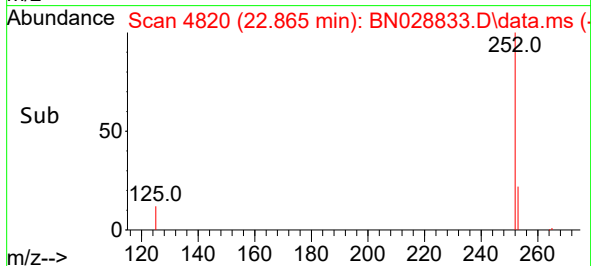
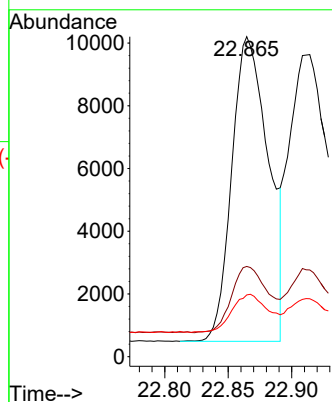
Tgt Ion:252 Resp: 19485

Ion Ratio Lower Upper

252 100

253 28.2 0.0 46.6

125 19.3 0.0 27.6



#25

Benzo(k)fluoranthene

Concen: 0.392 ng/ul

RT: 22.914 min Scan# 4837

Delta R.T. 0.011 min

Lab File: BN028833.D

Acq: 22 Nov 2023 09:30

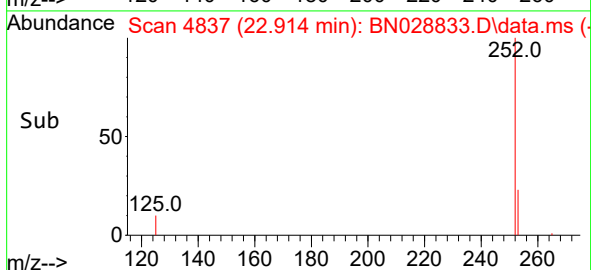
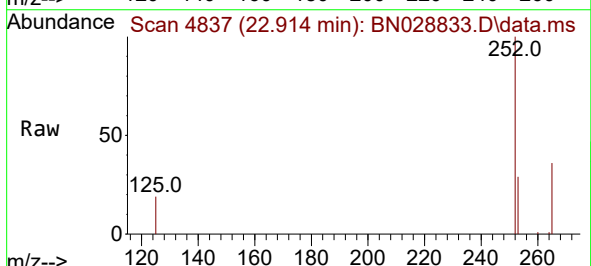
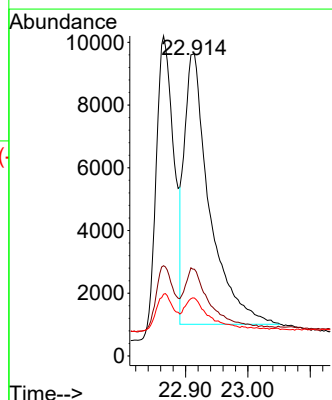
Tgt Ion:252 Resp: 24213

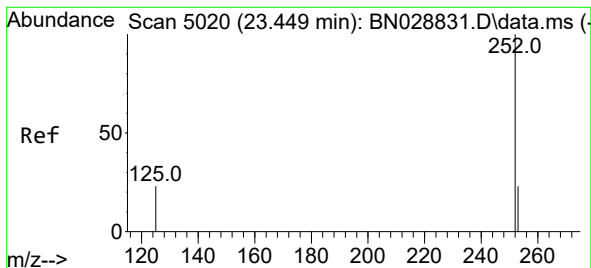
Ion Ratio Lower Upper

252 100

253 28.7 18.6 28.0#

125 19.2 12.7 19.1#





#26

Benzo(a)pyrene

Concen: 0.369 ng/ul

RT: 23.455 min Scan# 5020

Delta R.T. 0.011 min

Lab File: BN028833.D

Acq: 22 Nov 2023 09:30

Instrument :

BNA_N

ClientSampleId :

SLCS054

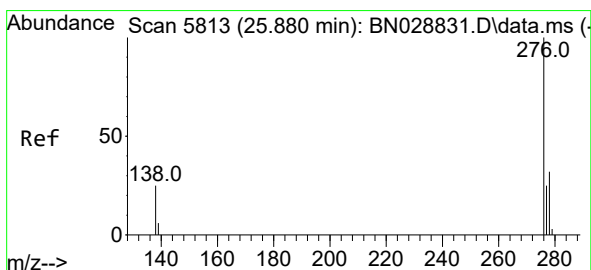
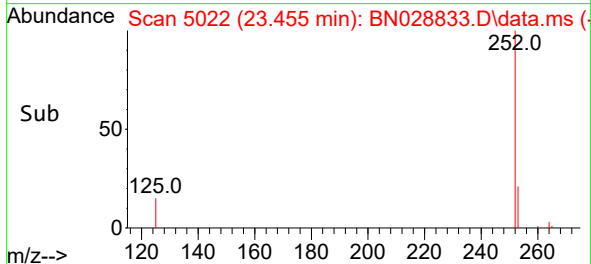
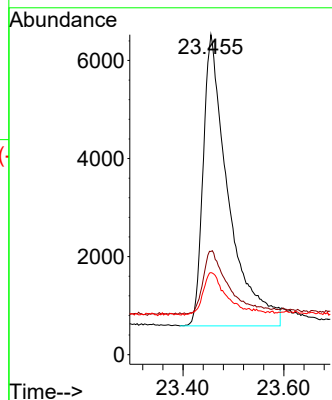
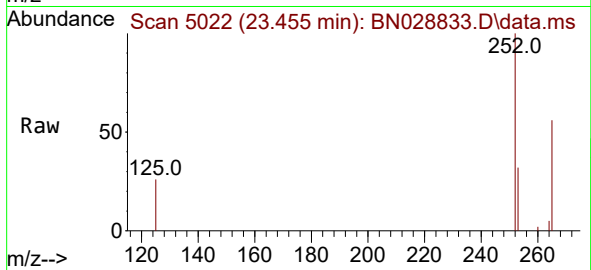
Tgt Ion:252 Resp: 20563

Ion Ratio Lower Upper

252 100

253 32.2 19.0 28.6#

125 25.7 13.2 19.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.384 ng/ul

RT: 25.890 min Scan# 5816

Delta R.T. 0.016 min

Lab File: BN028833.D

Acq: 22 Nov 2023 09:30

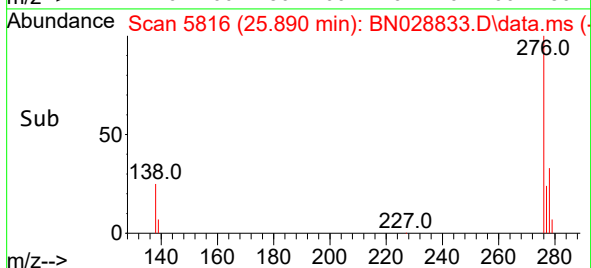
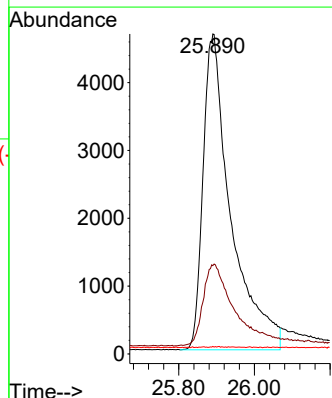
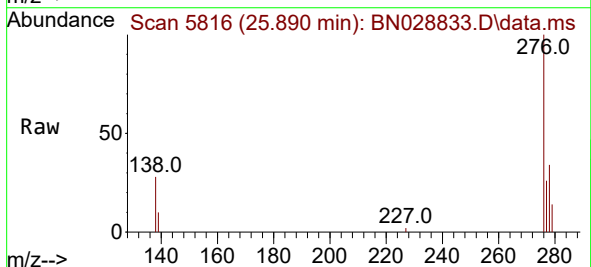
Tgt Ion:276 Resp: 23740

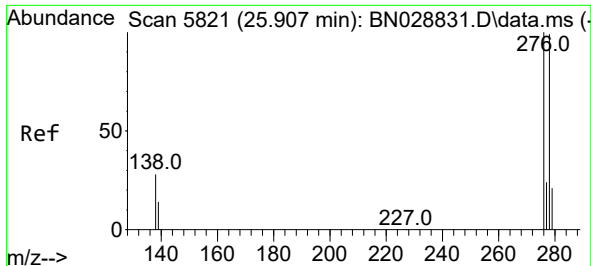
Ion Ratio Lower Upper

276 100

138 28.7 23.8 35.6

227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.359 ng/ul

RT: 25.920 min Scan# 5825

Delta R.T. 0.023 min

Lab File: BN028833.D

Acq: 22 Nov 2023 09:30

Instrument :

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SLCS054

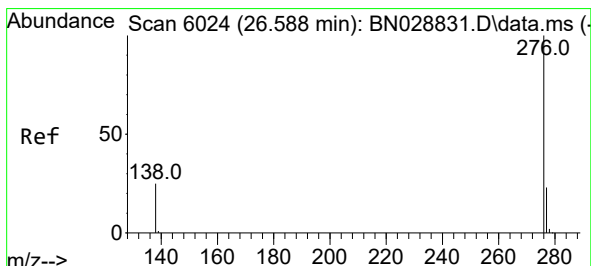
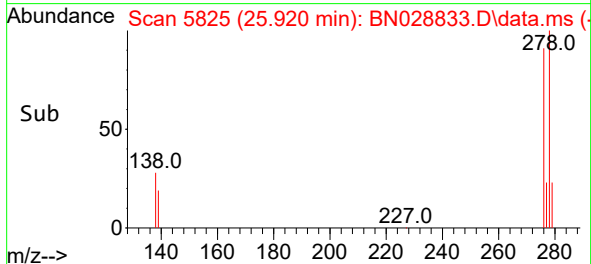
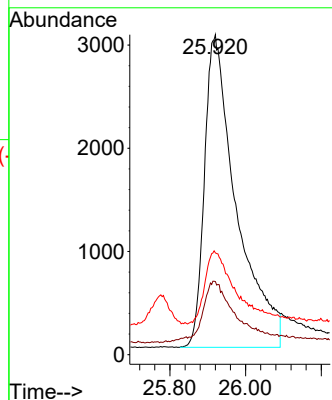
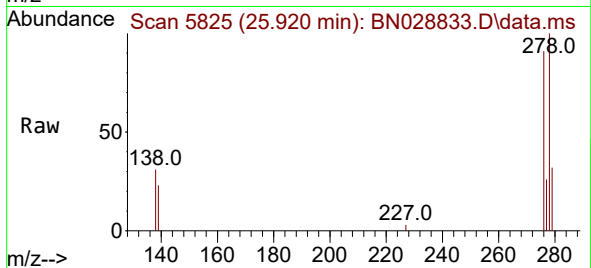
Tgt Ion:278 Resp: 17737

Ion Ratio Lower Upper

278 100

139 22.8 18.2 27.4

279 31.8 20.7 31.1#



#29

Benzo(g,h,i)perylene

Concen: 0.429 ng/ul

RT: 26.591 min Scan# 6025

Delta R.T. 0.012 min

Lab File: BN028833.D

Acq: 22 Nov 2023 09:30

Tgt Ion:276 Resp: 21725

Ion Ratio Lower Upper

276 100

138 27.9 20.5 30.7

277 25.3 19.4 29.0

