

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100523\
 Data File : BN028125.D
 Acq On : 07 Oct 2023 17:13
 Operator : MA/JU
 Sample : PB155974BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS974

Quant Time: Oct 08 00:52:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 06 05:15:40 2023
 Response via : Initial Calibration

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

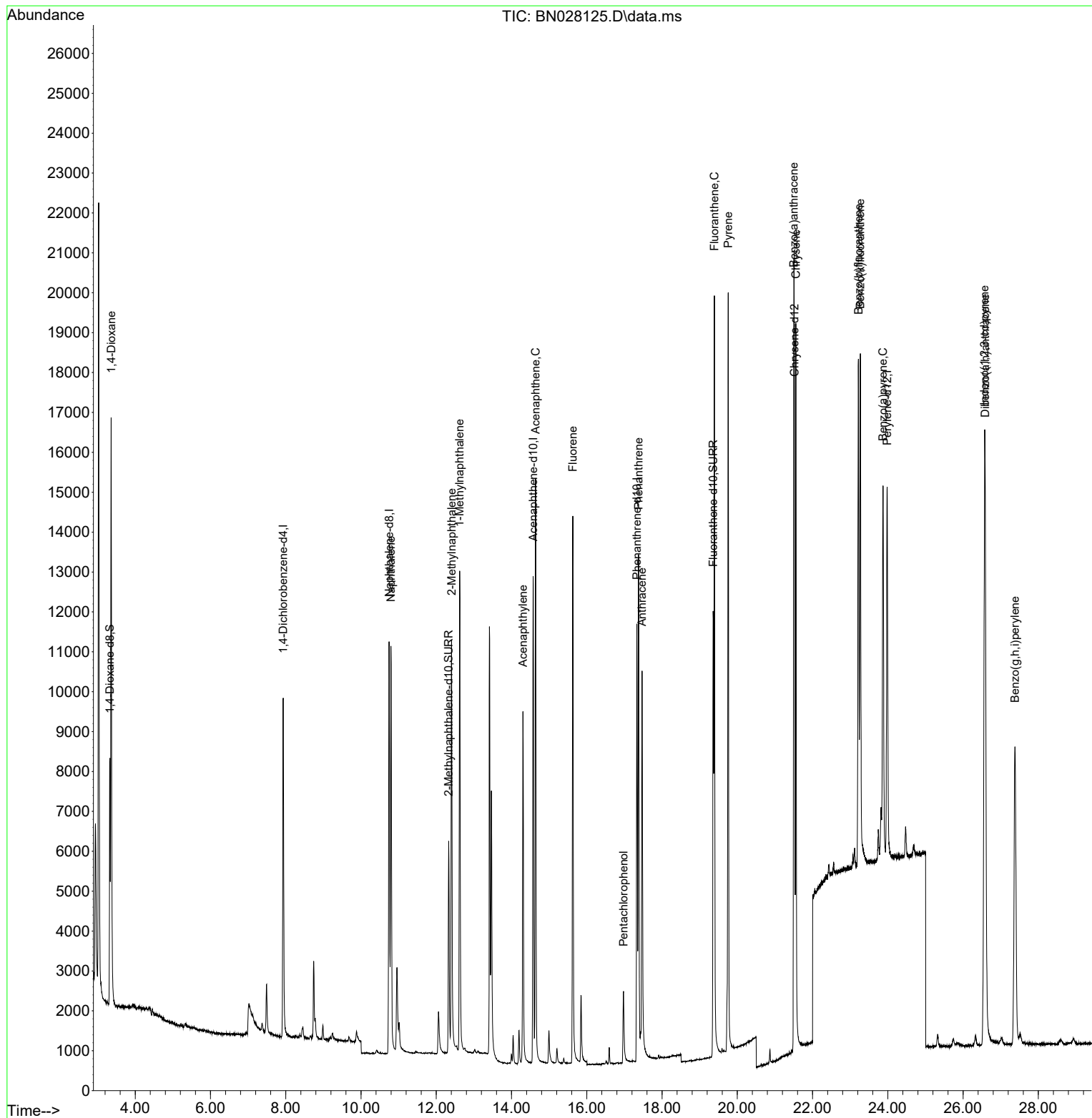
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	4971	0.400	ng/ul	0.00
4) Naphthalene-d8	10.746	136	15278	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.578	164	7421	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.333	188	13949	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	12310	0.400	ng/ul	0.00
23) Perylene-d12	23.980	264	13703	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	4582	0.734	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.330	152	7743	0.315	ng/ul	0.00
18) Fluoranthene-d10	19.357	212	13743	0.352	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.359	88	11412	1.726	ng/ul#	86
5) Naphthalene	10.795	128	14718	0.339	ng/ul	100
7) 2-Methylnaphthalene	12.407	142	8510	0.311	ng/ul	99
8) 1-Methylnaphthalene	12.621	142	9031	0.319	ng/ul	100
10) Acenaphthylene	14.305	152	11271	0.335	ng/ul	99
11) Acenaphthene	14.638	153	9123	0.340	ng/ul	100
12) Fluorene	15.628	166	9675	0.325	ng/ul	100
14) Pentachlorophenol	16.974	266	1661	0.555	ng/ul	99
15) Phenanthrene	17.375	178	14568	0.350	ng/ul	99
16) Anthracene	17.468	178	12734	0.342	ng/ul	99
19) Fluoranthene	19.390	202	16335	0.348	ng/ul	99
20) Pyrene	19.757	202	17039	0.350	ng/ul	99
21) Benzo(a)anthracene	21.501	228	16012	0.356	ng/ul	99
22) Chrysene	21.557	228	16638	0.367	ng/ul	99
24) Benzo(b)fluoranthene	23.220	252	17786	0.350	ng/ul	96
25) Benzo(k)fluoranthene	23.269	252	18111	0.358	ng/ul	96
26) Benzo(a)pyrene	23.872	252	15591	0.360	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.572	276	21531	0.411	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.586	278	17573	0.412	ng/ul	99
29) Benzo(g,h,i)perylene	27.377	276	18309	0.427	ng/ul	99

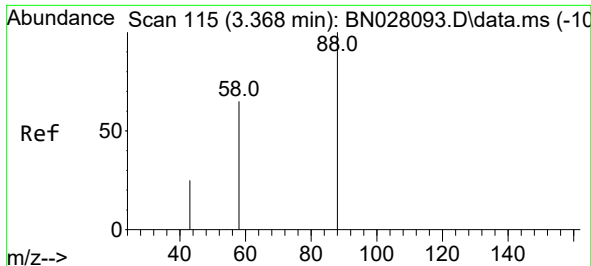
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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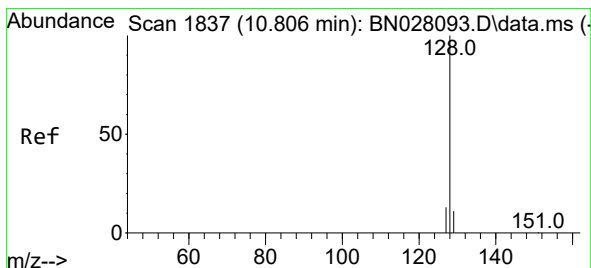
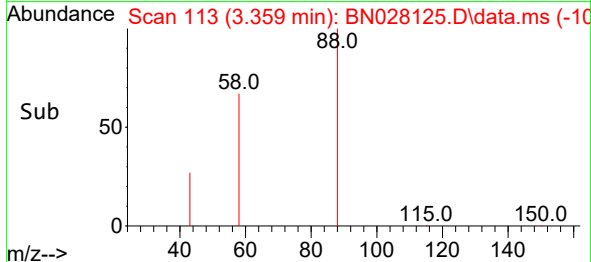
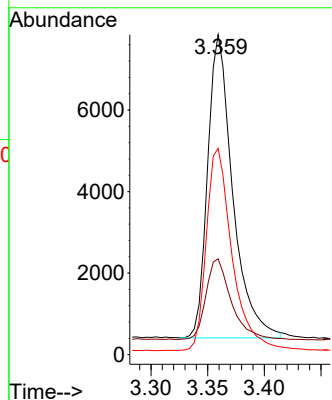
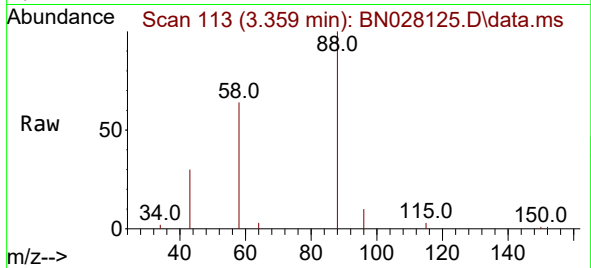




#2
1,4-Dioxane
Concen: 1.726 ng/ul
RT: 3.359 min Scan# 115
Delta R.T. -0.004 min
Lab File: BN028125.D
Acq: 07 Oct 2023 17:13

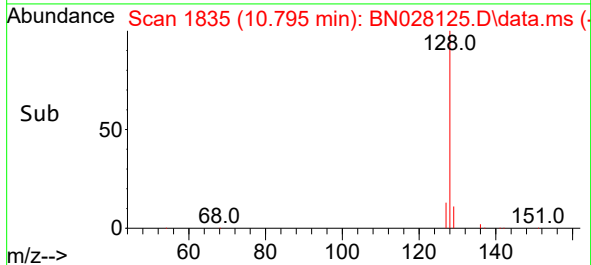
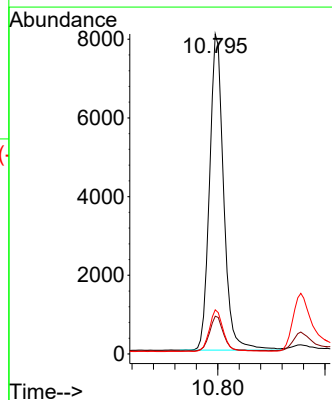
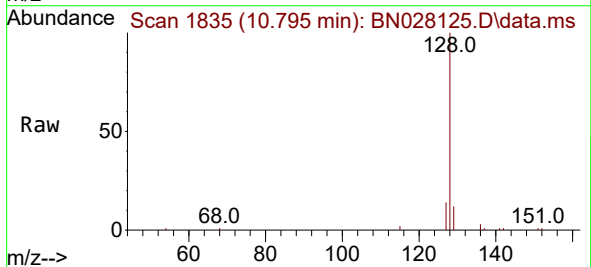
Instrument :
BNA_N
ClientSampleId :
SLCS974

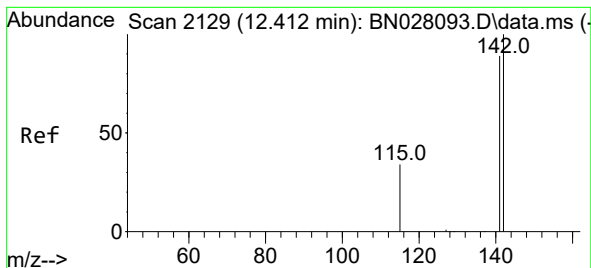
Tgt Ion: 88 Resp: 11412
Ion Ratio Lower Upper
88 100
43 29.9 33.4 50.2#
58 64.4 45.7 68.5



#5
Naphthalene
Concen: 0.339 ng/ul
RT: 10.795 min Scan# 1835
Delta R.T. -0.011 min
Lab File: BN028125.D
Acq: 07 Oct 2023 17:13

Tgt Ion:128 Resp: 14718
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.8 11.0 16.4





#7

2-Methylnaphthalene

Concen: 0.311 ng/ul

RT: 12.407 min Scan# 2128

Delta R.T. -0.006 min

Lab File: BN028125.D

Acq: 07 Oct 2023 17:13

Instrument :

BNA_N

ClientSampleId :

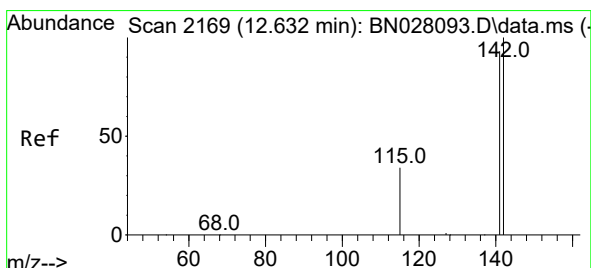
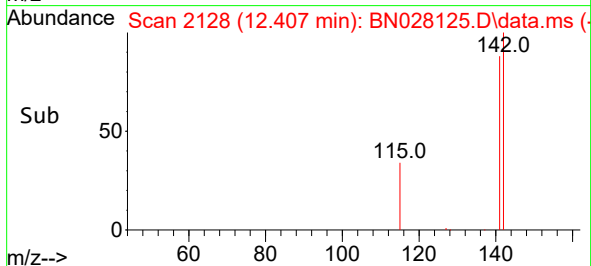
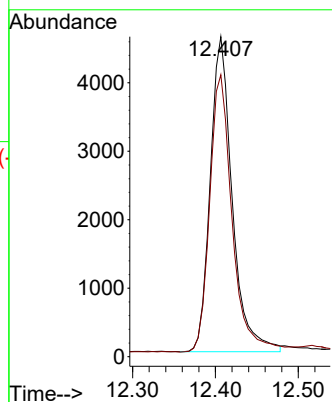
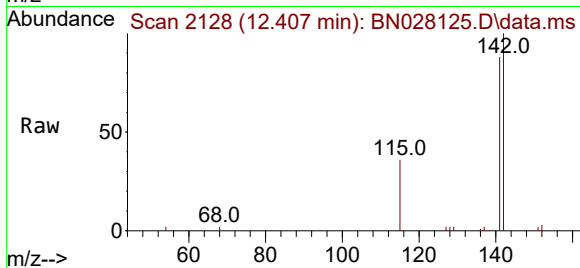
SLCS974

Tgt Ion:142 Resp: 8510

Ion Ratio Lower Upper

142 100

141 89.6 70.9 106.3



#8

1-Methylnaphthalene

Concen: 0.319 ng/ul

RT: 12.621 min Scan# 2167

Delta R.T. -0.006 min

Lab File: BN028125.D

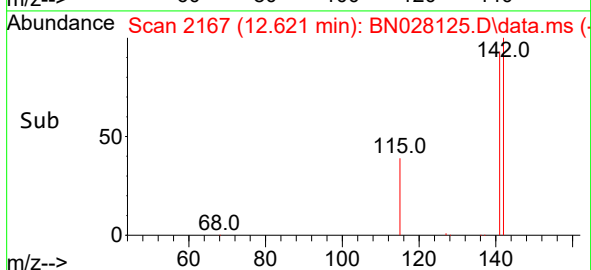
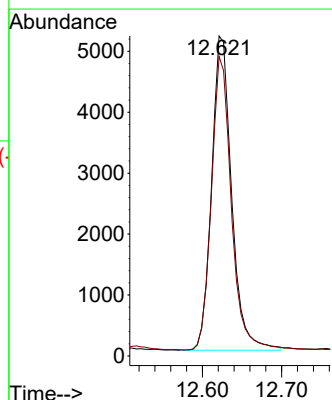
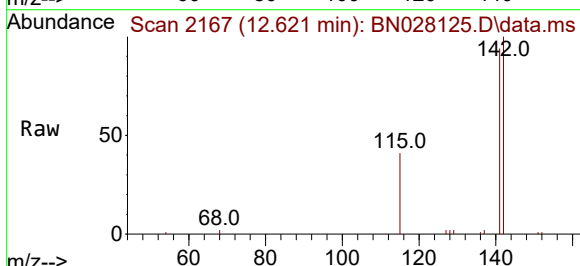
Acq: 07 Oct 2023 17:13

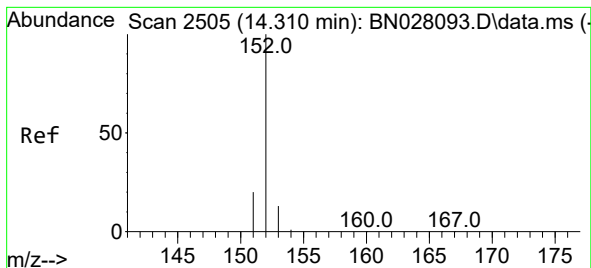
Tgt Ion:142 Resp: 9031

Ion Ratio Lower Upper

142 100

141 92.6 74.4 111.6





#10

Acenaphthylene

Concen: 0.335 ng/ul

RT: 14.305 min Scan# 2504

Delta R.T. -0.005 min

Lab File: BN028125.D

Acq: 07 Oct 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SLCS974

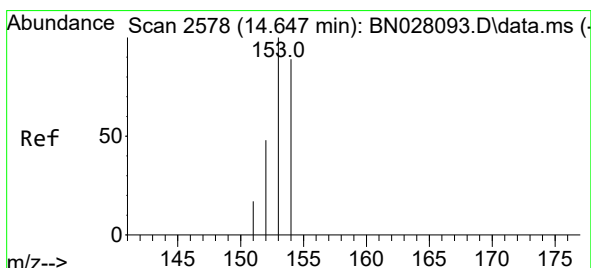
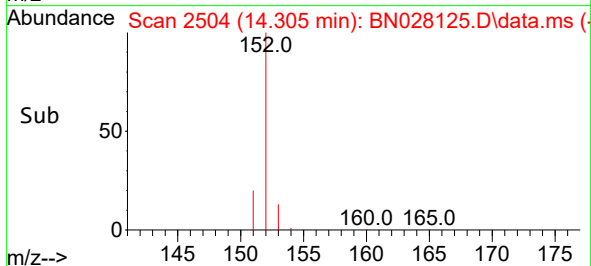
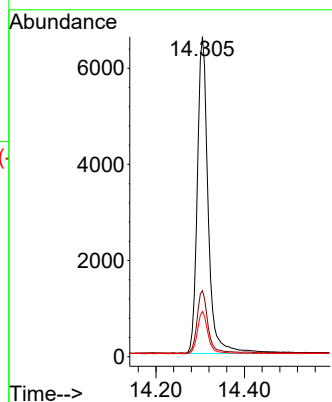
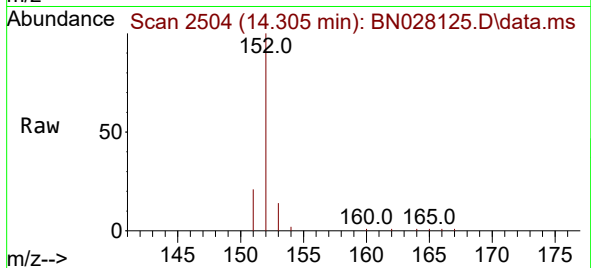
Tgt Ion:152 Resp: 11271

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

153 14.1 10.9 16.3



#11

Acenaphthene

Concen: 0.340 ng/ul

RT: 14.638 min Scan# 2576

Delta R.T. -0.005 min

Lab File: BN028125.D

Acq: 07 Oct 2023 17:13

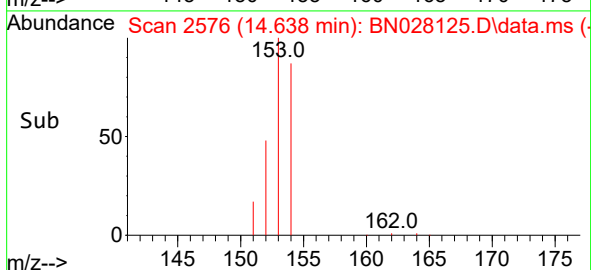
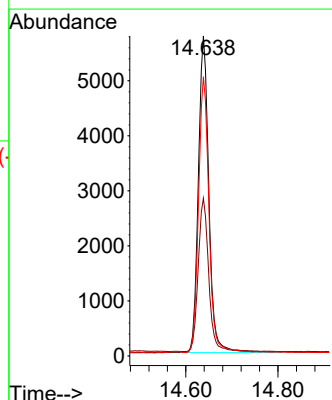
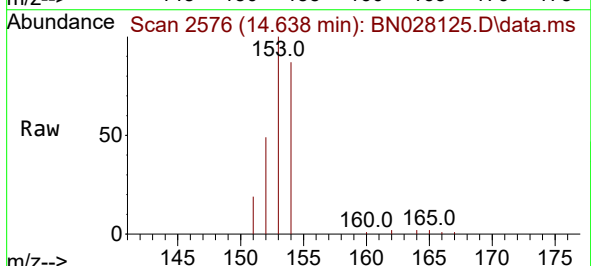
Tgt Ion:153 Resp: 9123

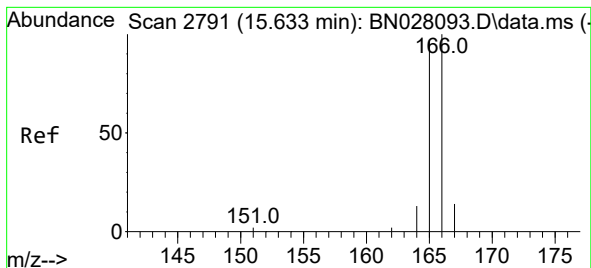
Ion Ratio Lower Upper

153 100

152 49.3 39.4 59.0

154 87.2 70.2 105.4





#12

Fluorene

Concen: 0.325 ng/ul

RT: 15.628 min Scan# 21

Delta R.T. -0.005 min

Lab File: BN028125.D

Acq: 07 Oct 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SLCS974

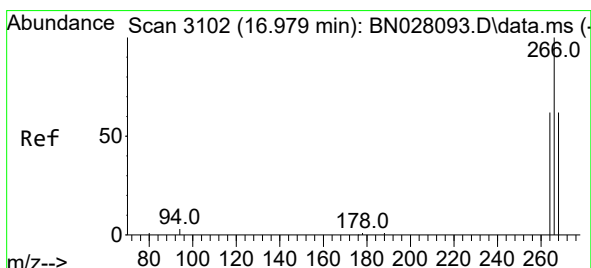
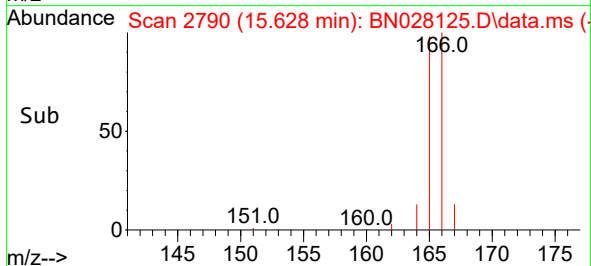
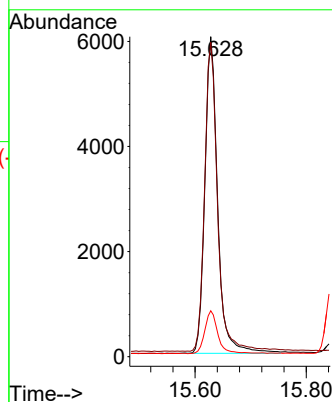
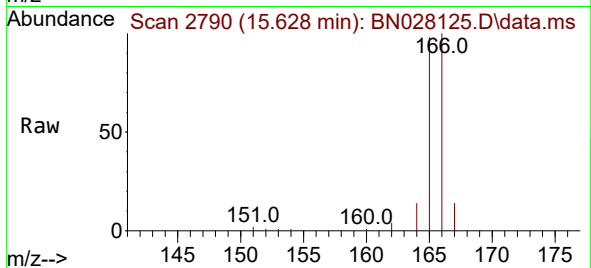
Tgt Ion:166 Resp: 9675

Ion Ratio Lower Upper

166 100

165 98.3 78.5 117.7

167 14.4 11.2 16.8



#14

Pentachlorophenol

Concen: 0.555 ng/ul

RT: 16.974 min Scan# 3101

Delta R.T. 0.004 min

Lab File: BN028125.D

Acq: 07 Oct 2023 17:13

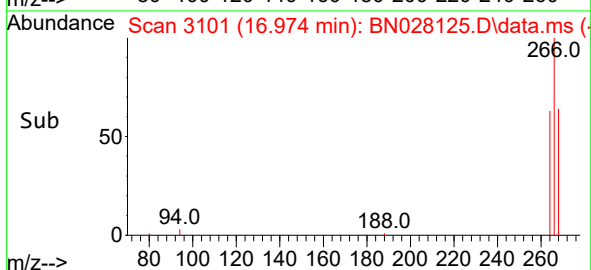
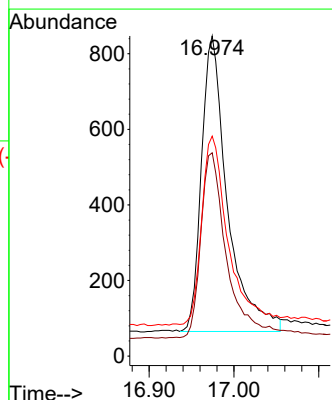
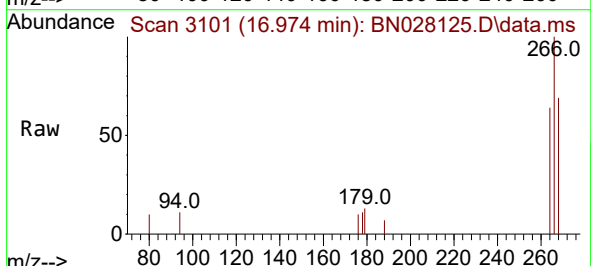
Tgt Ion:266 Resp: 1661

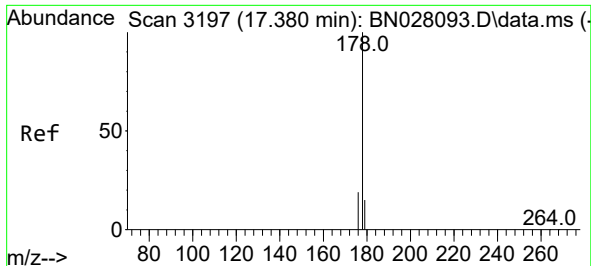
Ion Ratio Lower Upper

266 100

264 62.7 49.6 74.4

268 66.0 52.2 78.4

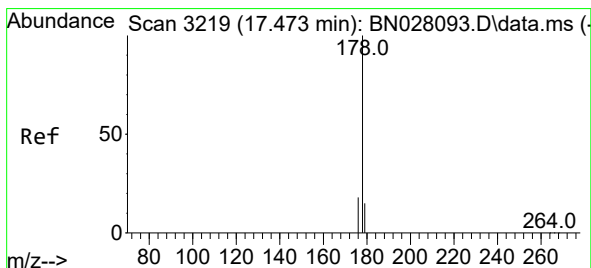
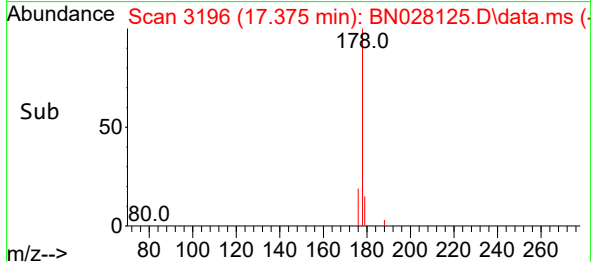
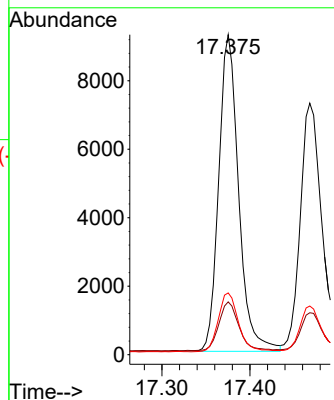
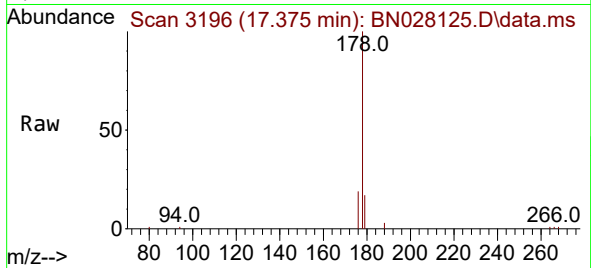




#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.375 min Scan# 3196
Delta R.T. -0.000 min
Lab File: BN028125.D
Acq: 07 Oct 2023 17:13

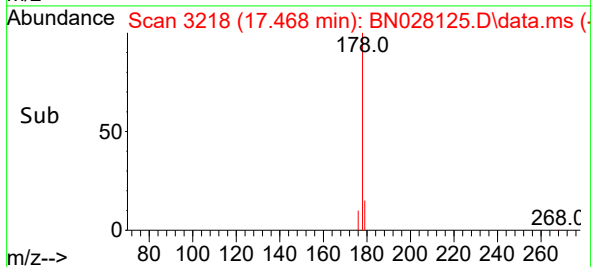
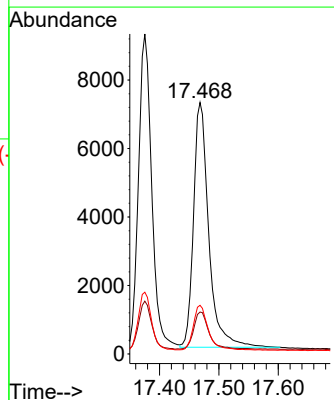
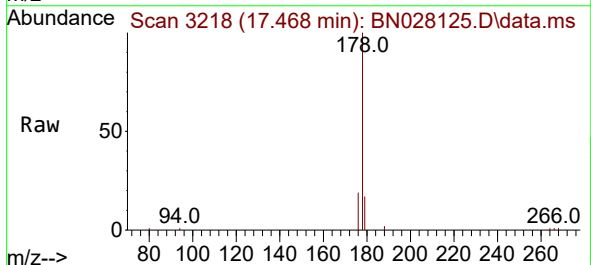
Instrument :
BNA_N
ClientSampleId :
SLCS974

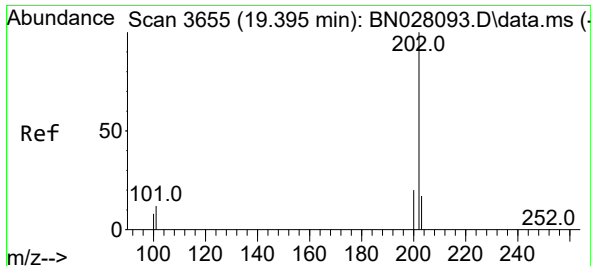
Tgt Ion:178 Resp: 14568
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 19.3 15.5 23.3



#16
Anthracene
Concen: 0.342 ng/ul
RT: 17.468 min Scan# 3218
Delta R.T. -0.000 min
Lab File: BN028125.D
Acq: 07 Oct 2023 17:13

Tgt Ion:178 Resp: 12734
Ion Ratio Lower Upper
178 100
179 16.7 12.8 19.2
176 19.4 15.0 22.6

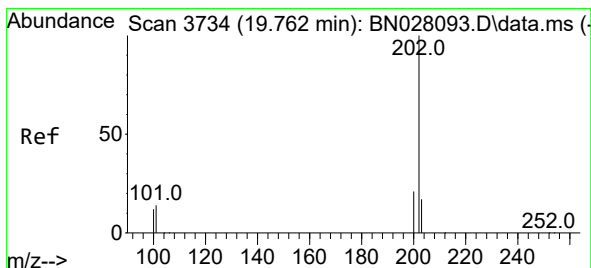
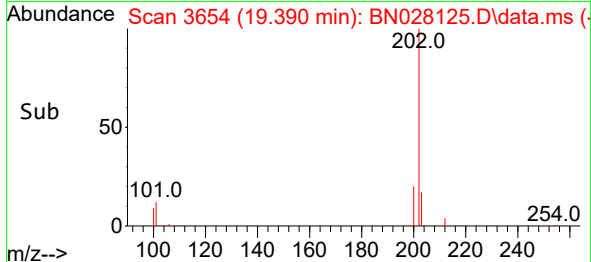
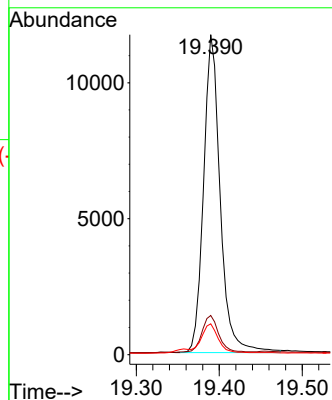
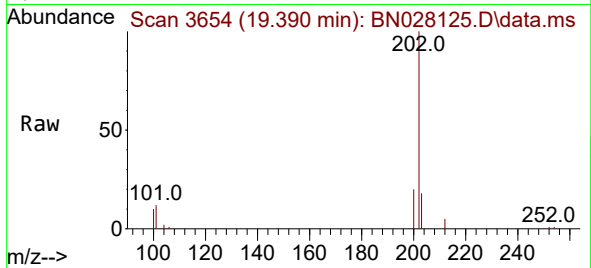




#19
Fluoranthene
Concen: 0.348 ng/ul
RT: 19.390 min Scan# 3655
Delta R.T. -0.000 min
Lab File: BN028125.D
Acq: 07 Oct 2023 17:13

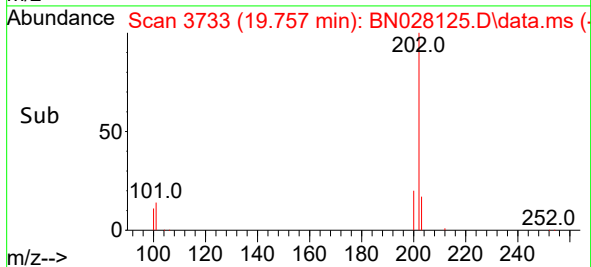
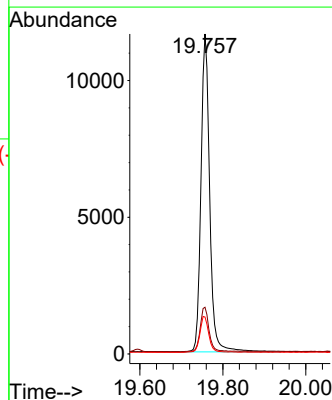
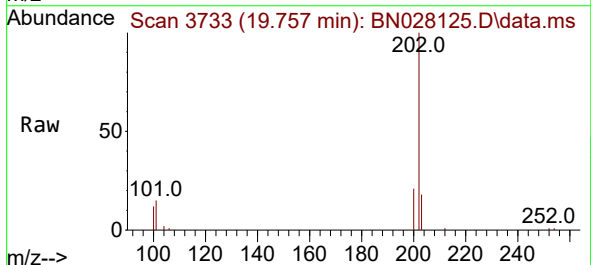
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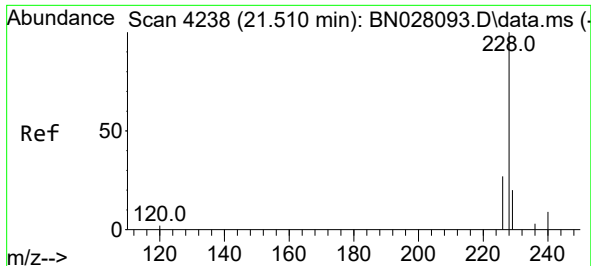
Tgt Ion:202 Resp: 16335
Ion Ratio Lower Upper
202 100
101 12.3 9.6 14.4
100 9.7 7.4 11.0



#20
Pyrene
Concen: 0.350 ng/ul
RT: 19.757 min Scan# 3733
Delta R.T. -0.000 min
Lab File: BN028125.D
Acq: 07 Oct 2023 17:13

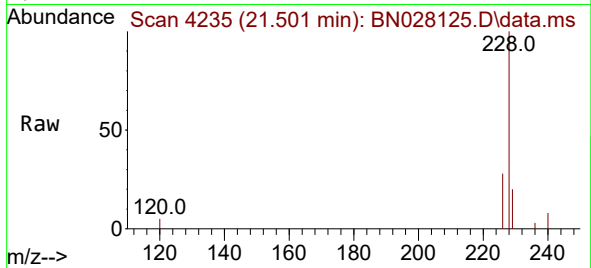
Tgt Ion:202 Resp: 17039
Ion Ratio Lower Upper
202 100
101 14.6 11.2 16.8
100 11.6 9.1 13.7



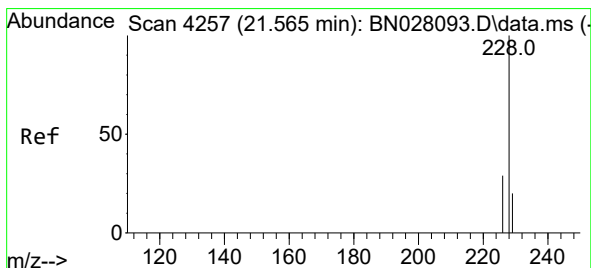
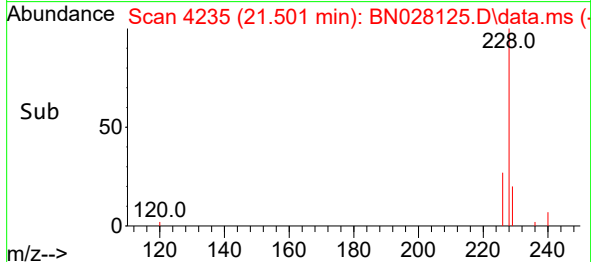
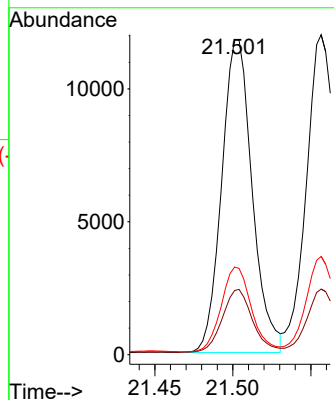


#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.501 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN028125.D
Acq: 07 Oct 2023 17:13

Instrument :
BNA_N
ClientSampleId :
SLCS974

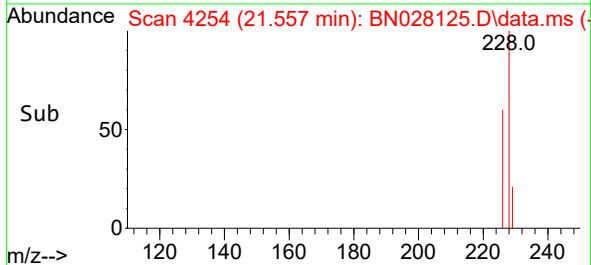
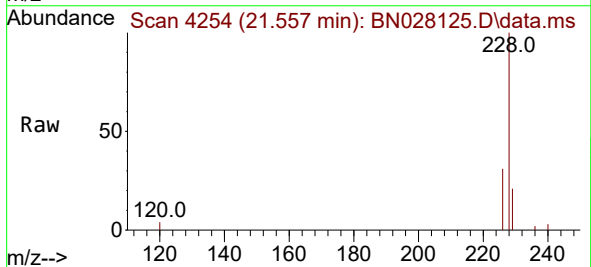
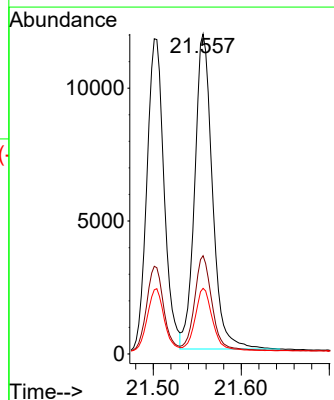


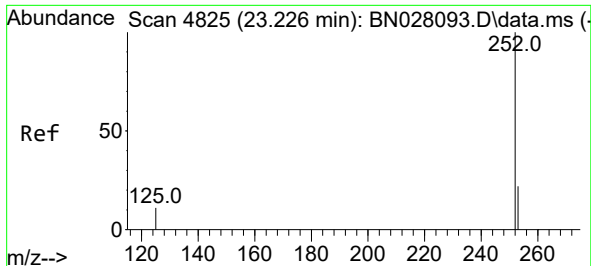
Tgt Ion:228 Resp: 16012
Ion Ratio Lower Upper
228 100
229 20.4 16.0 24.0
226 27.8 21.5 32.3



#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.557 min Scan# 4254
Delta R.T. -0.000 min
Lab File: BN028125.D
Acq: 07 Oct 2023 17:13

Tgt Ion:228 Resp: 16638
Ion Ratio Lower Upper
228 100
226 30.7 23.8 35.8
229 20.5 16.0 24.0

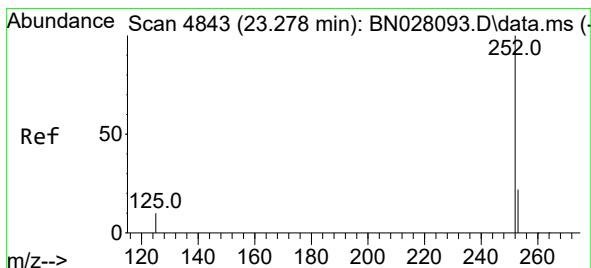
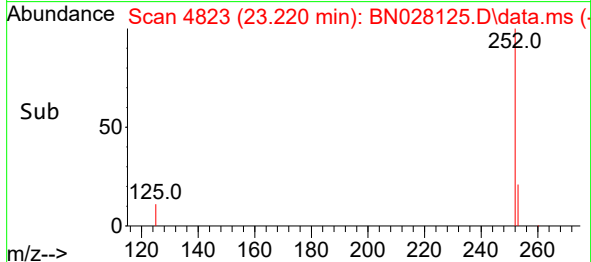
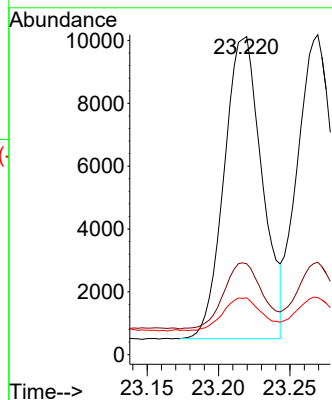
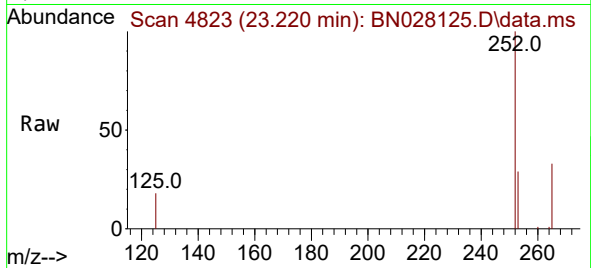




#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 23.220 min Scan# 4825
Delta R.T. 0.003 min
Lab File: BN028125.D
Acq: 07 Oct 2023 17:13

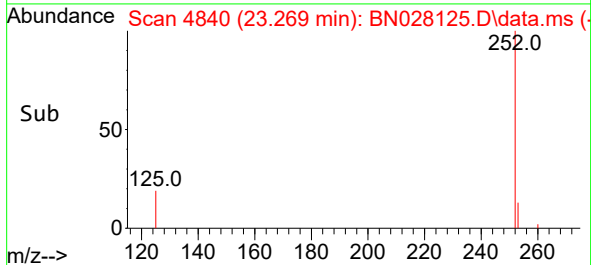
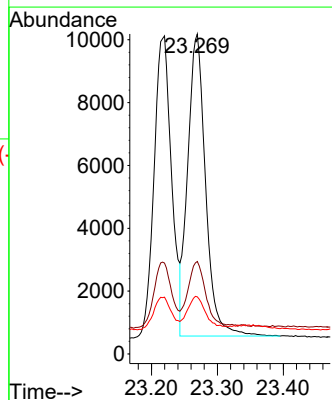
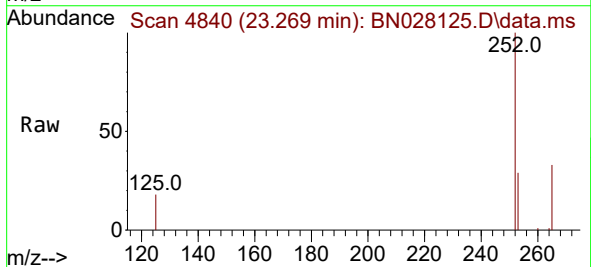
Instrument :
BNA_N
ClientSampleId :
SLCS974

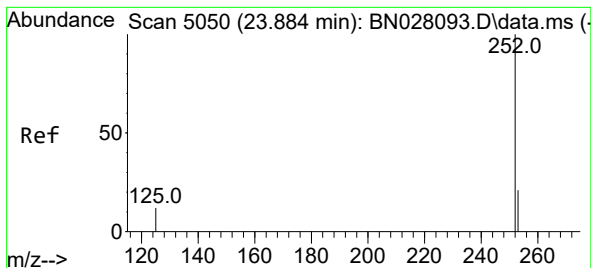
Tgt Ion:252 Resp: 17786
Ion Ratio Lower Upper
252 100
253 28.6 0.0 54.0
125 17.9 0.0 31.4



#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 23.269 min Scan# 4840
Delta R.T. 0.003 min
Lab File: BN028125.D
Acq: 07 Oct 2023 17:13

Tgt Ion:252 Resp: 18111
Ion Ratio Lower Upper
252 100
253 28.9 21.8 32.8
125 17.9 12.8 19.2





#26

Benzo(a)pyrene

Concen: 0.360 ng/ul

RT: 23.872 min Scan# 5050

Delta R.T. 0.003 min

Lab File: BN028125.D

Acq: 07 Oct 2023 17:13

Instrument :

BNA_N

ClientSampleId :

SLCS974

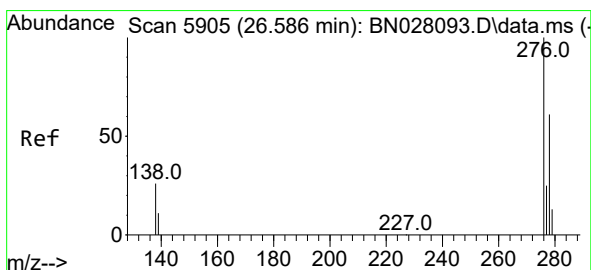
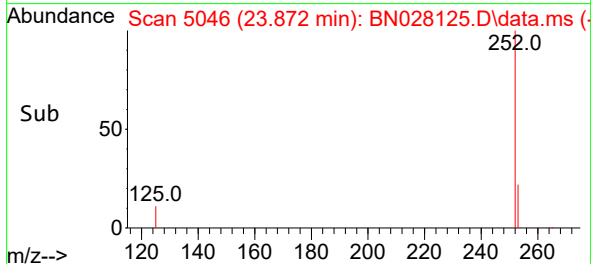
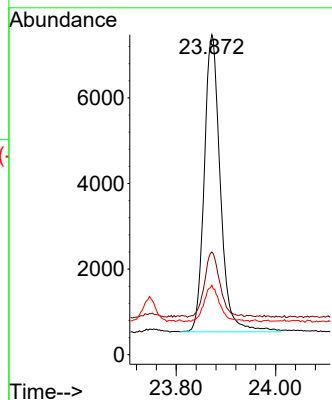
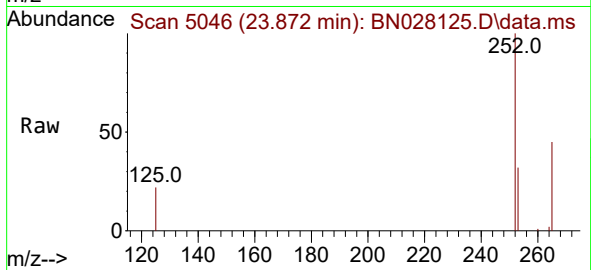
Tgt Ion:252 Resp: 15591

Ion Ratio Lower Upper

252 100

253 32.1 23.4 35.2

125 21.7 15.3 22.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.411 ng/ul

RT: 26.572 min Scan# 5901

Delta R.T. 0.007 min

Lab File: BN028125.D

Acq: 07 Oct 2023 17:13

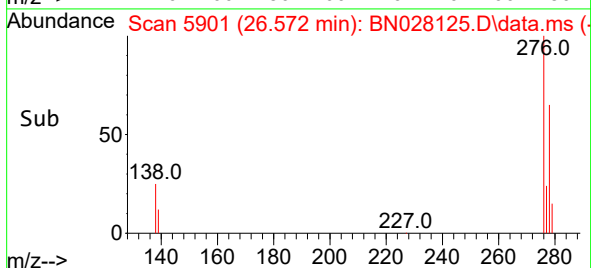
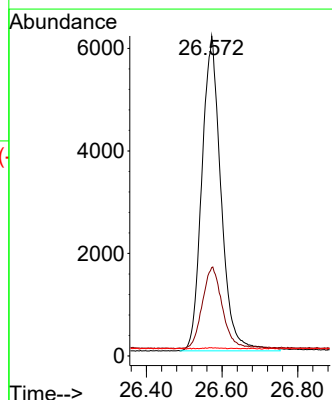
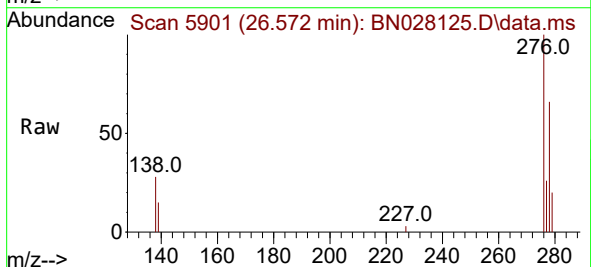
Tgt Ion:276 Resp: 21531

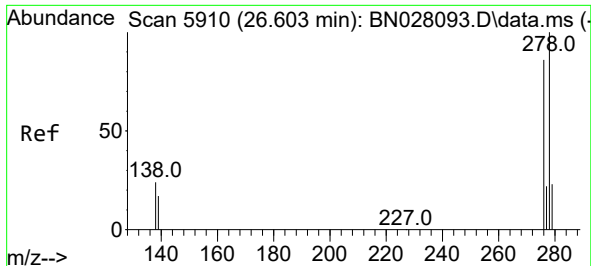
Ion Ratio Lower Upper

276 100

138 26.9 21.6 32.4

227 0.3 0.2 0.2#

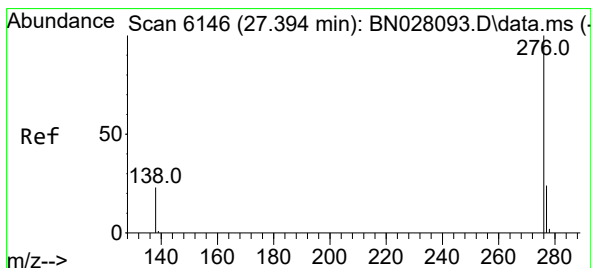
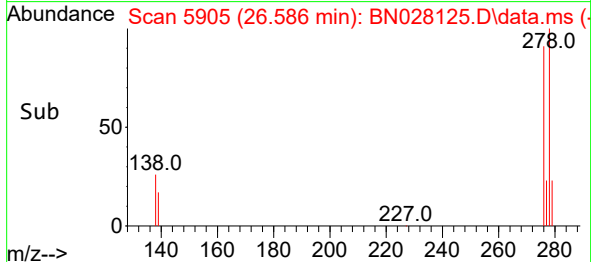
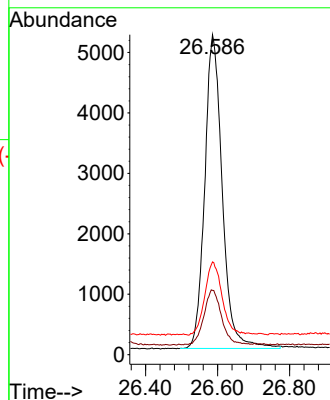
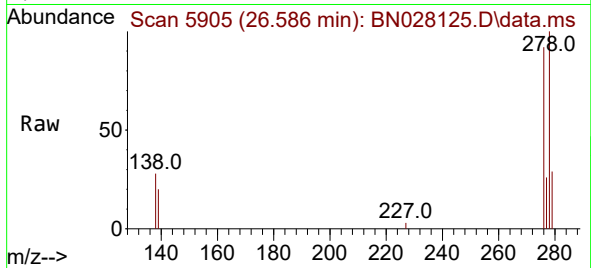




#28
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 26.586 min Scan# 5910
Delta R.T. 0.003 min
Lab File: BN028125.D
Acq: 07 Oct 2023 17:13

Instrument :
BNA_N
ClientSampleId :
SLCS974

Tgt Ion:278 Resp: 17573
Ion Ratio Lower Upper
278 100
139 20.1 15.9 23.9
279 29.0 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.427 ng/ul
RT: 27.377 min Scan# 6141
Delta R.T. -0.000 min
Lab File: BN028125.D
Acq: 07 Oct 2023 17:13

Tgt Ion:276 Resp: 18309
Ion Ratio Lower Upper
276 100
138 25.4 19.8 29.6
277 25.6 20.6 31.0

