

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103122\
 Data File : BN022428.D
 Acq On : 01 Nov 2022 09:05
 Operator : CG/JU
 Sample : PB148652BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS652

Quant Time: Nov 02 00:51:56 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)

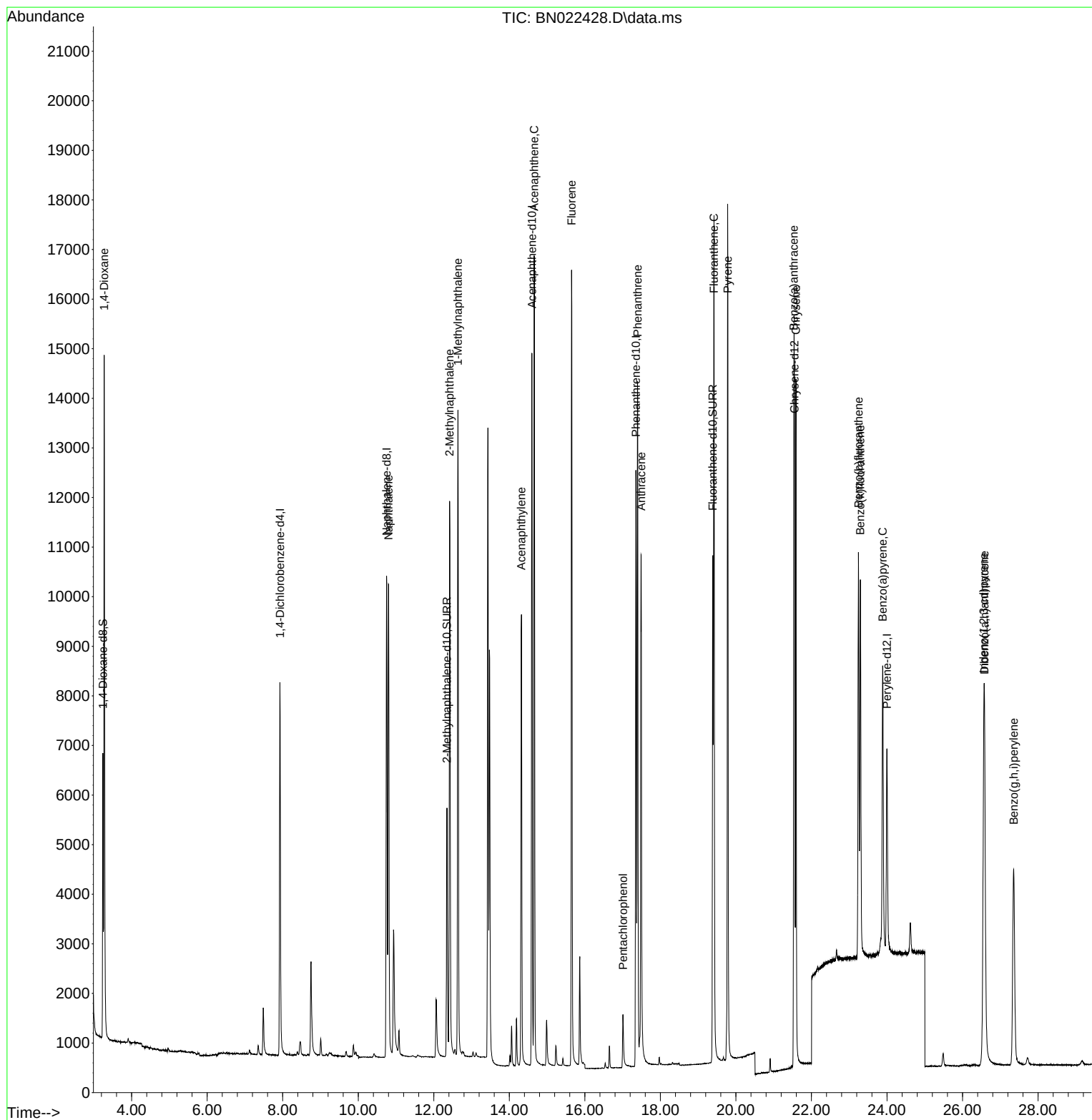
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	4329	0.400	ng/ul	0.00
4) Naphthalene-d8	10.755	136	14308	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.599	164	7943	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.356	188	14372	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	8894	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	6195	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	3584	0.637	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	7267	0.336	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	11163	0.374	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.274	88	9360	1.620	ng/ul	88
5) Naphthalene	10.804	128	14048	0.332	ng/ul	100
7) 2-Methylnaphthalene	12.421	142	8785	0.330	ng/ul	100
8) 1-Methylnaphthalene	12.641	142	9445	0.345	ng/ul	100
10) Acenaphthylene	14.321	152	11325	0.318	ng/ul	100
11) Acenaphthene	14.659	153	9763	0.325	ng/ul	99
12) Fluorene	15.649	166	10707	0.307	ng/ul	98
14) Pentachlorophenol	17.010	266	967	0.283	ng/ul	100
15) Phenanthrene	17.394	178	15882	0.329	ng/ul	99
16) Anthracene	17.491	178	13091	0.322	ng/ul	100
19) Fluoranthene	19.420	202	15065	0.370	ng/ul	99
20) Pyrene	19.782	202	15095	0.369	ng/ul	99
21) Benzo(a)anthracene	21.536	228	11448	0.344	ng/ul	99
22) Chrysene	21.588	228	12321	0.349	ng/ul	99
24) Benzo(b)fluoranthene	23.245	252	10962	0.352	ng/ul	93
25) Benzo(k)fluoranthene	23.295	252	10509	0.347	ng/ul	95
26) Benzo(a)pyrene	23.886	252	9051	0.365	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.562	276	11493	0.373	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.585	278	8996	0.365	ng/ul	96
29) Benzo(g,h,i)perylene	27.357	276	9455	0.376	ng/ul	99

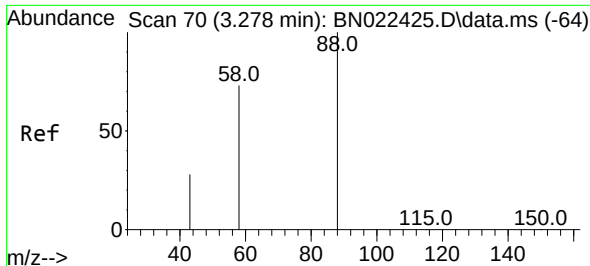
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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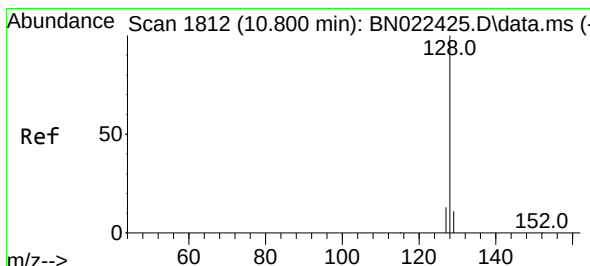
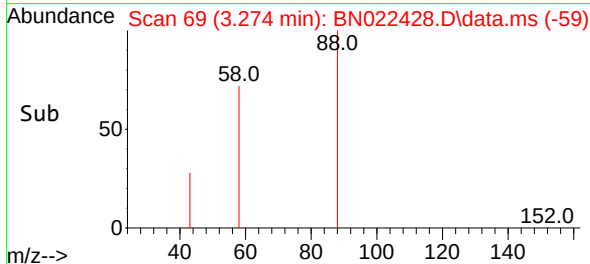
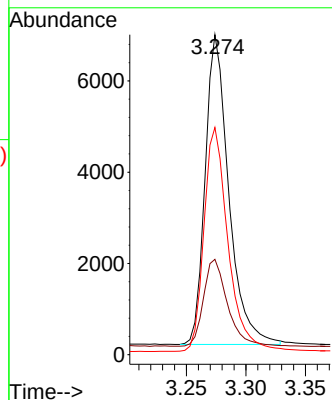
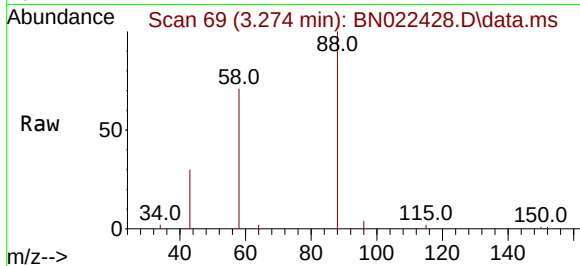




#2
 1,4-Dioxane
 Concen: 1.620 ng/ul
 RT: 3.274 min Scan# 61
 Delta R.T. -0.008 min
 Lab File: BN022428.D
 Acq: 01 Nov 2022 09:05

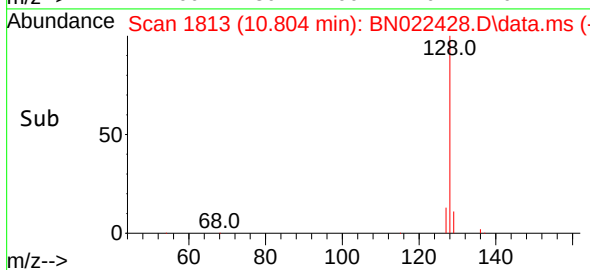
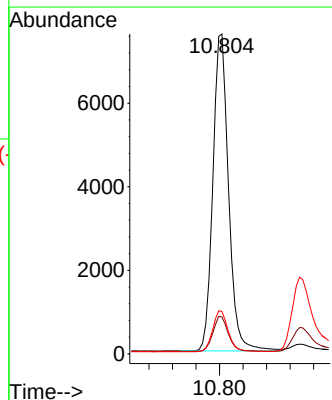
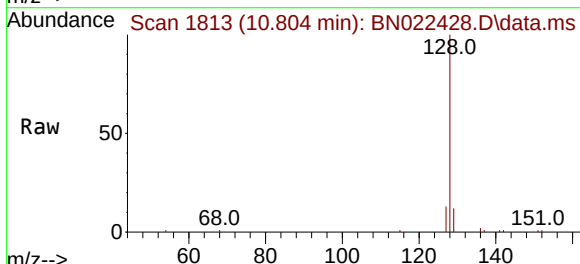
Instrument :
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 SLCS652

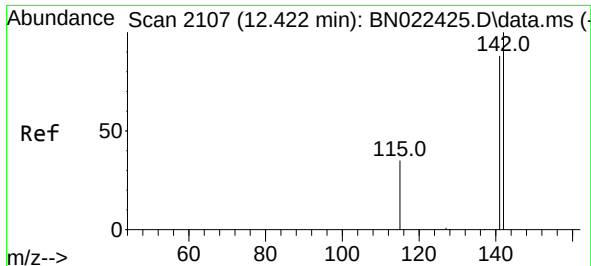
Tgt Ion: 88 Resp: 9360
 Ion Ratio Lower Upper
 88 100
 43 29.8 27.4 41.2
 58 71.0 48.2 72.2



#5
 Naphthalene
 Concen: 0.332 ng/ul
 RT: 10.804 min Scan# 1813
 Delta R.T. 0.004 min
 Lab File: BN022428.D
 Acq: 01 Nov 2022 09:05

Tgt Ion:128 Resp: 14048
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.3 13.9
 127 13.3 10.7 16.1

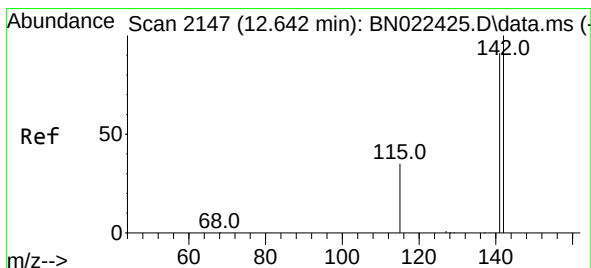
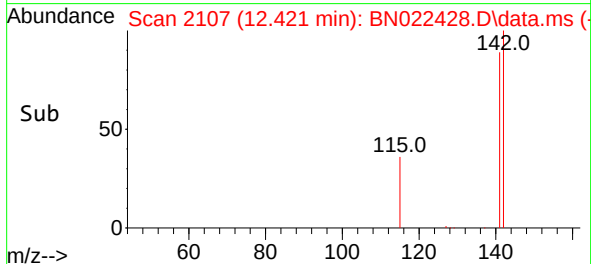
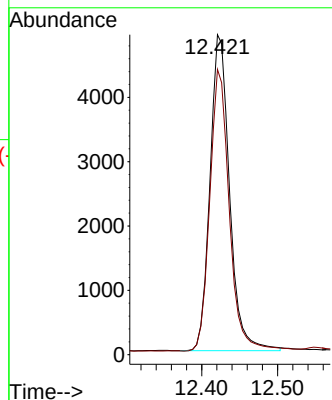
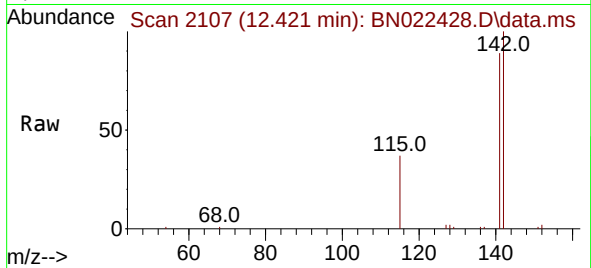




#7
2-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.421 min Scan# 2107
Delta R.T. -0.001 min
Lab File: BN022428.D
Acq: 01 Nov 2022 09:05

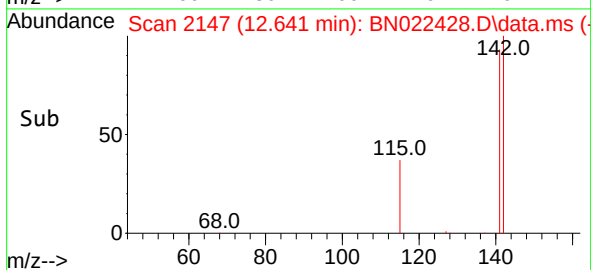
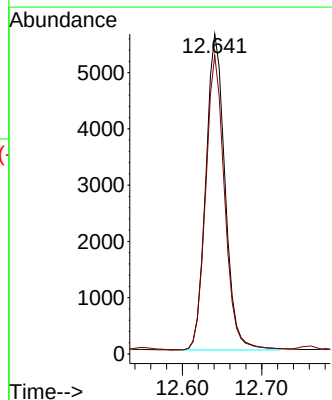
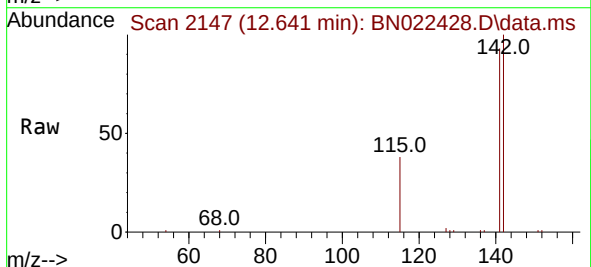
Instrument :
BNA_N
ClientSampleId :
SLCS652

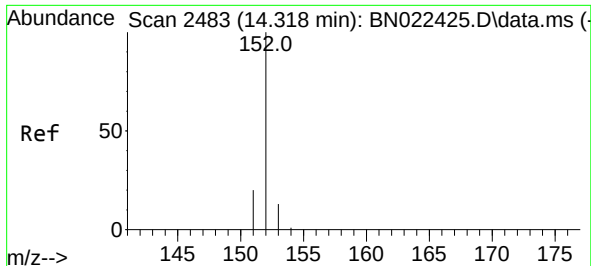
Tgt Ion:142 Resp: 8785
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.345 ng/ul
RT: 12.641 min Scan# 2147
Delta R.T. -0.001 min
Lab File: BN022428.D
Acq: 01 Nov 2022 09:05

Tgt Ion:142 Resp: 9445
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9

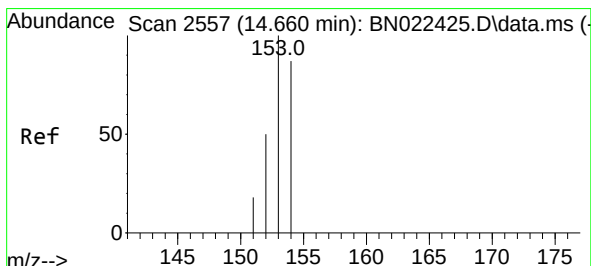
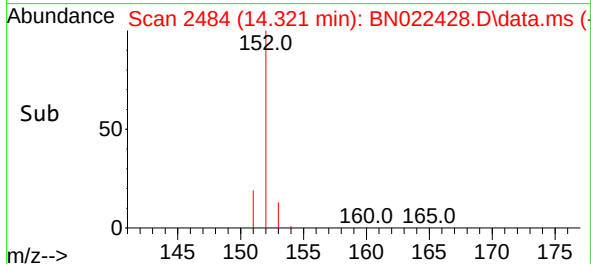
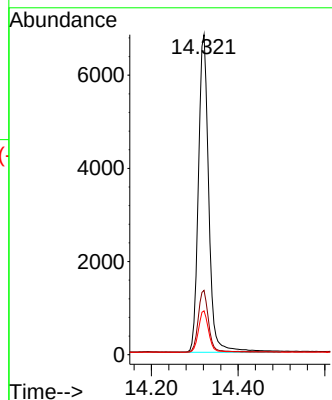
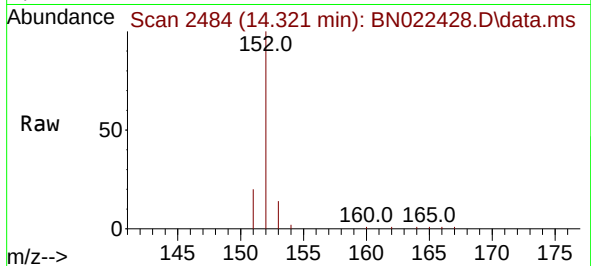




#10
Acenaphthylene
Concen: 0.318 ng/u1
RT: 14.321 min Scan# 2484
Delta R.T. 0.003 min
Lab File: BN022428.D
Acq: 01 Nov 2022 09:05

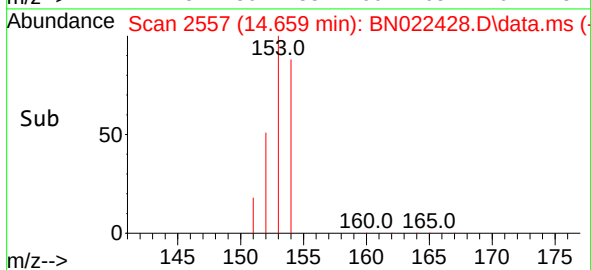
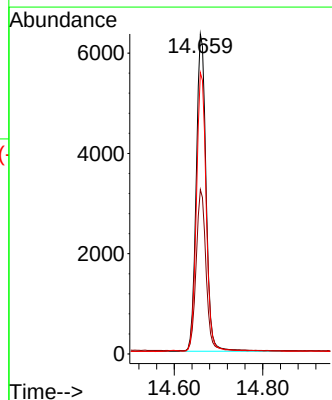
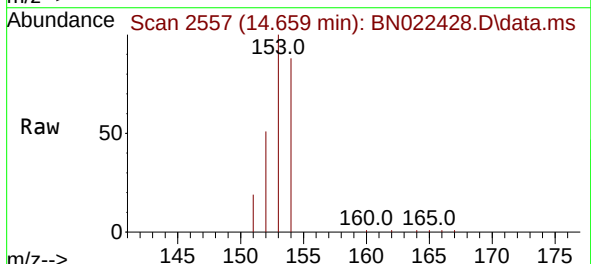
Instrument :
BNA_N
ClientSampleId :
SLCS652

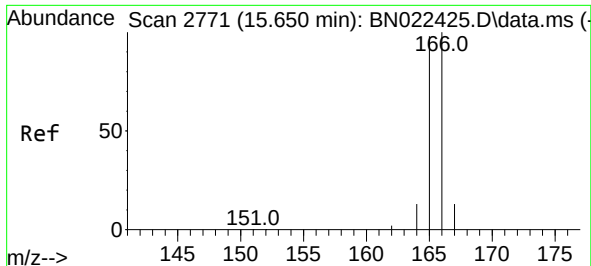
Tgt Ion:152 Resp: 11325
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.7 10.8 16.2



#11
Acenaphthene
Concen: 0.325 ng/u1
RT: 14.659 min Scan# 2557
Delta R.T. -0.001 min
Lab File: BN022428.D
Acq: 01 Nov 2022 09:05

Tgt Ion:153 Resp: 9763
Ion Ratio Lower Upper
153 100
152 51.4 40.6 61.0
154 87.9 70.6 106.0

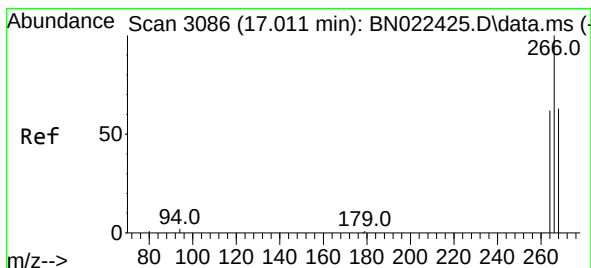
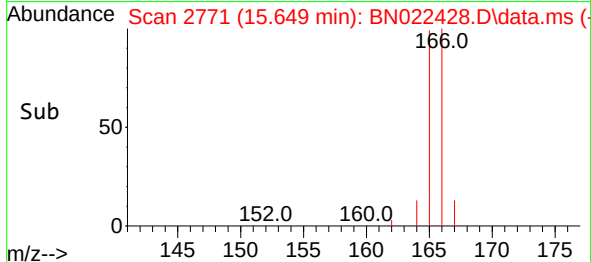
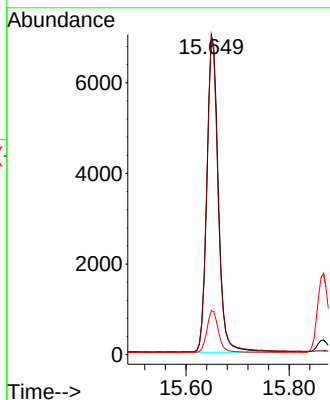
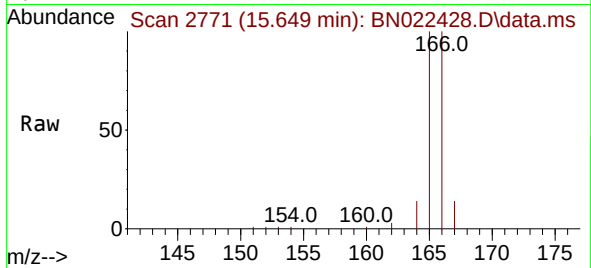




#12
 Fluorene
 Concen: 0.307 ng/ul
 RT: 15.649 min Scan# 2771
 Delta R.T. -0.001 min
 Lab File: BN022428.D
 Acq: 01 Nov 2022 09:05

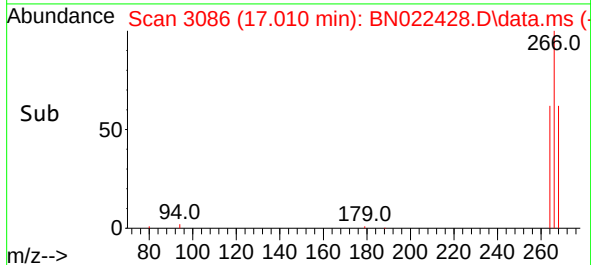
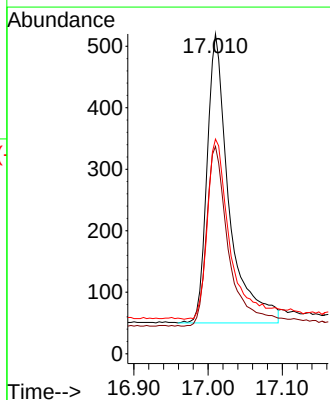
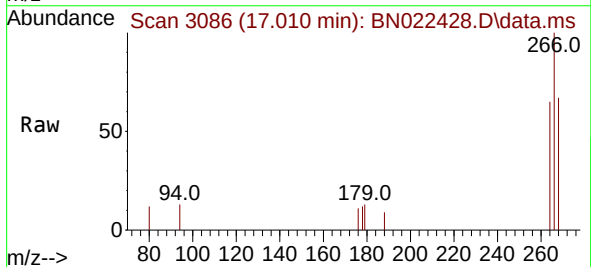
Instrument :
 BNA_N
 ClientSampleId :
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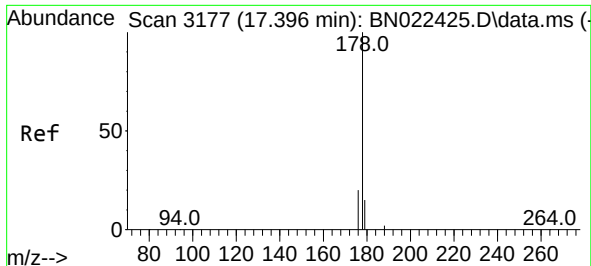
Tgt Ion:166 Resp: 10707
 Ion Ratio Lower Upper
 166 100
 165 99.5 78.2 117.2
 167 13.8 11.0 16.4



#14
 Pentachlorophenol
 Concen: 0.283 ng/ul
 RT: 17.010 min Scan# 3086
 Delta R.T. 0.003 min
 Lab File: BN022428.D
 Acq: 01 Nov 2022 09:05

Tgt Ion:266 Resp: 967
 Ion Ratio Lower Upper
 266 100
 264 62.9 49.8 74.6
 268 64.2 51.4 77.2

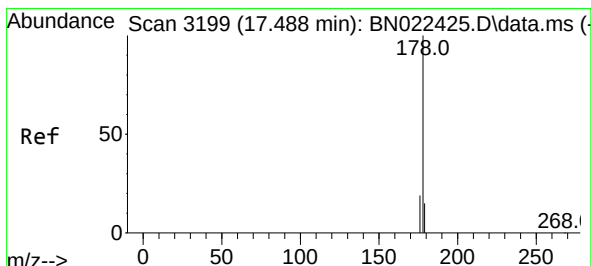
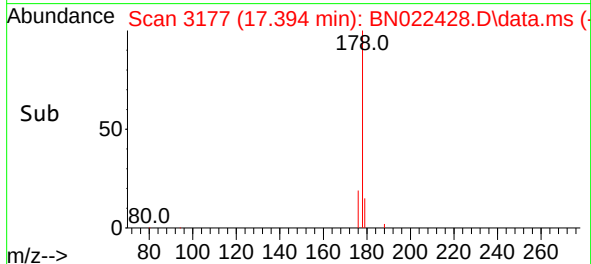
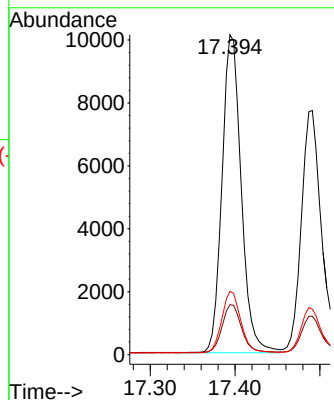
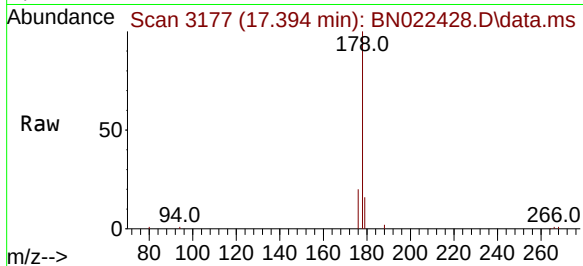




#15
 Phenanthrene
 Concen: 0.329 ng/ul
 RT: 17.394 min Scan# 3177
 Delta R.T. -0.001 min
 Lab File: BN022428.D
 Acq: 01 Nov 2022 09:05

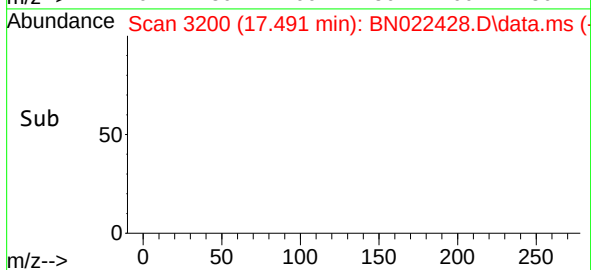
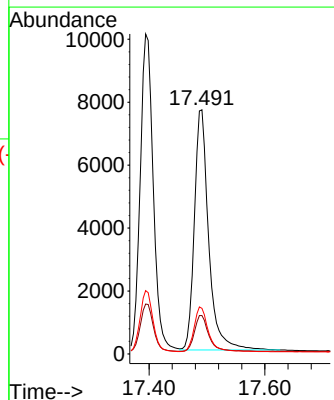
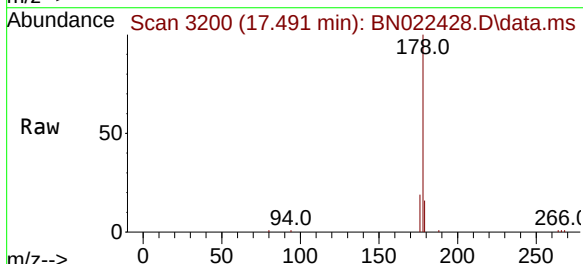
Instrument :
 BNA_N
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 SLCS652

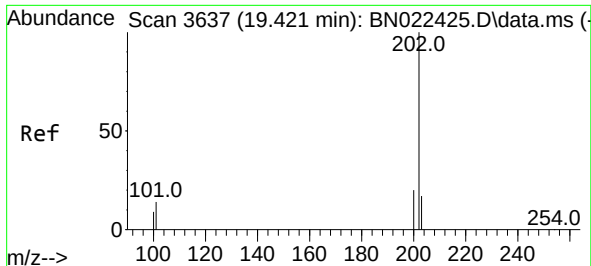
Tgt Ion:	178	Resp:	15882
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.7	19.1
176	19.8	15.4	23.2



#16
 Anthracene
 Concen: 0.322 ng/ul
 RT: 17.491 min Scan# 3200
 Delta R.T. 0.003 min
 Lab File: BN022428.D
 Acq: 01 Nov 2022 09:05

Tgt Ion:	178	Resp:	13091
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.6	18.8
176	18.7	15.0	22.6

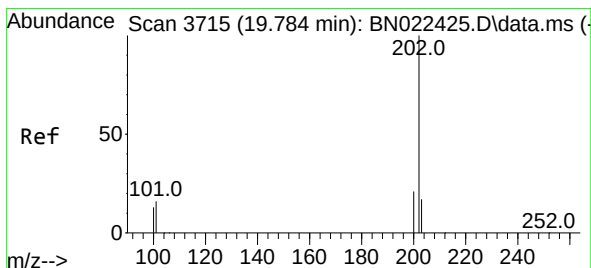
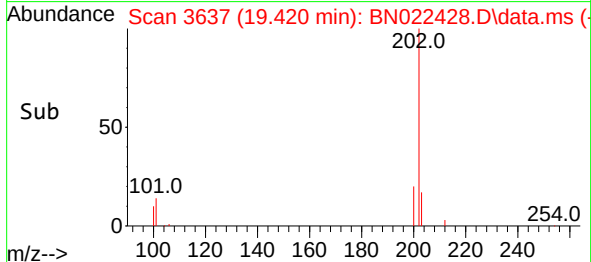
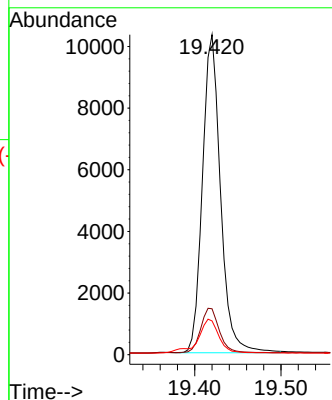
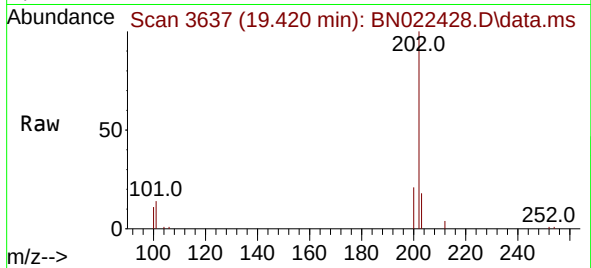




#19
Fluoranthene
Concen: 0.370 ng/u1
RT: 19.420 min Scan# 3637
Delta R.T. -0.001 min
Lab File: BN022428.D
Acq: 01 Nov 2022 09:05

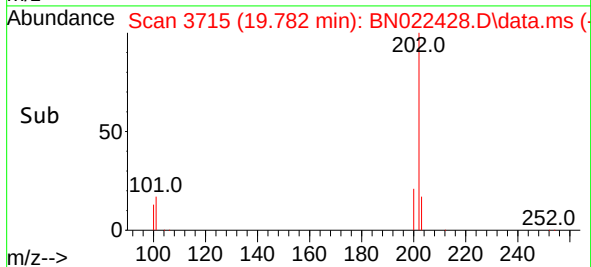
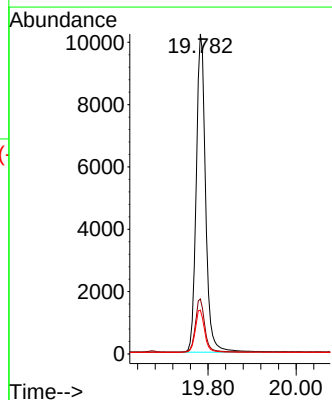
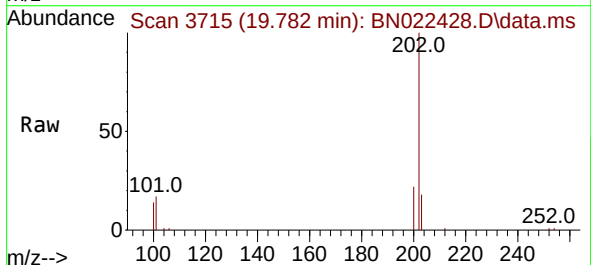
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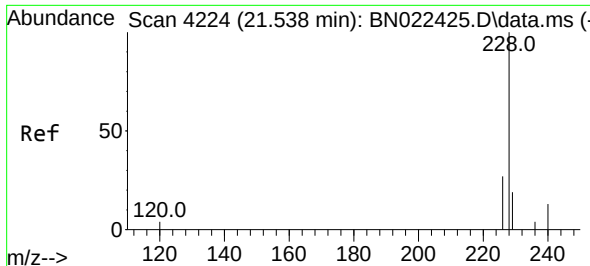
Tgt Ion:202 Resp: 15065
Ion Ratio Lower Upper
202 100
101 14.3 11.8 17.6
100 10.5 8.7 13.1



#20
Pyrene
Concen: 0.369 ng/u1
RT: 19.782 min Scan# 3715
Delta R.T. -0.001 min
Lab File: BN022428.D
Acq: 01 Nov 2022 09:05

Tgt Ion:202 Resp: 15095
Ion Ratio Lower Upper
202 100
101 17.2 13.1 19.7
100 13.7 10.6 16.0

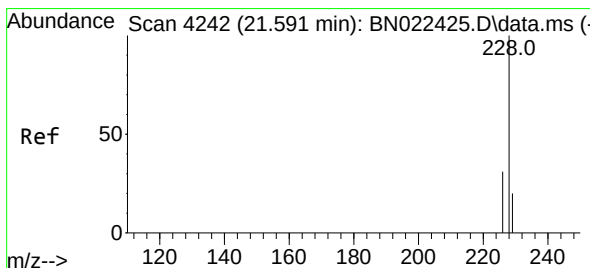
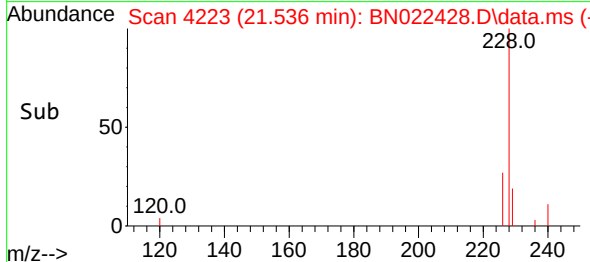
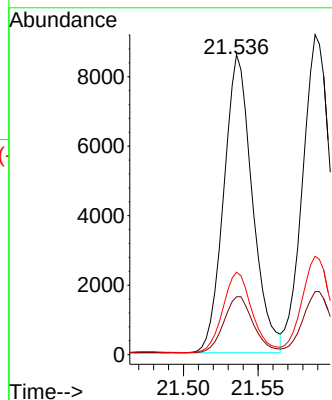
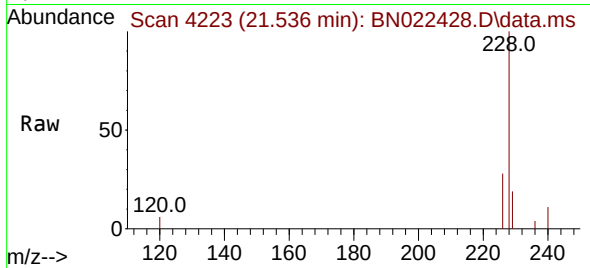




#21
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.536 min Scan# 41
Delta R.T. -0.005 min
Lab File: BN022428.D
Acq: 01 Nov 2022 09:05

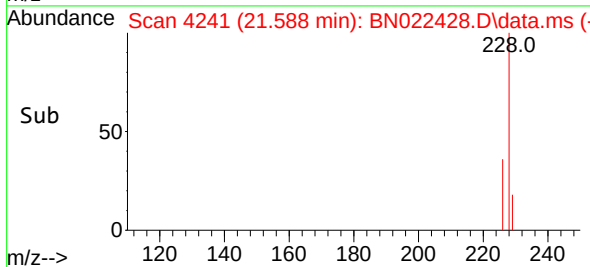
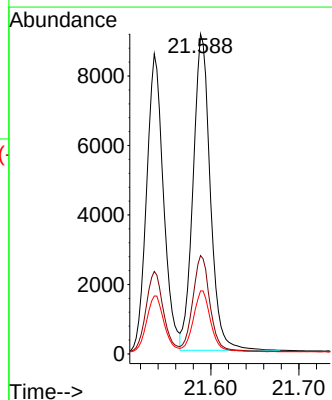
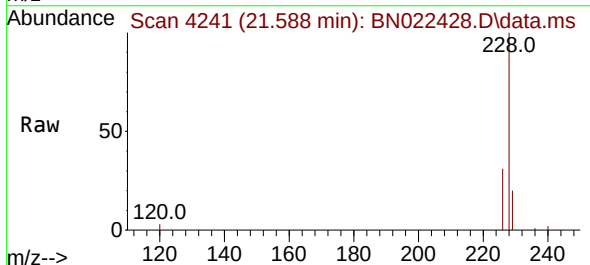
Instrument :
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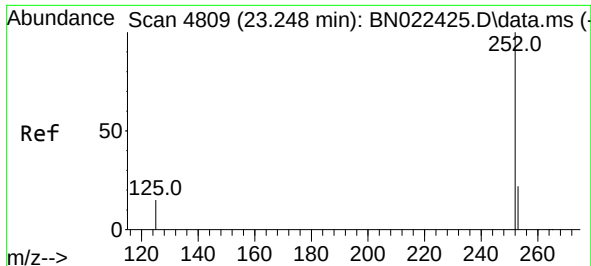
Tgt Ion:228 Resp: 11448
Ion Ratio Lower Upper
228 100
229 19.3 15.7 23.5
226 27.5 21.5 32.3



#22
Chrysene
Concen: 0.349 ng/ul
RT: 21.588 min Scan# 4241
Delta R.T. -0.005 min
Lab File: BN022428.D
Acq: 01 Nov 2022 09:05

Tgt Ion:228 Resp: 12321
Ion Ratio Lower Upper
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226 30.7 23.9 35.9
229 19.7 15.9 23.9

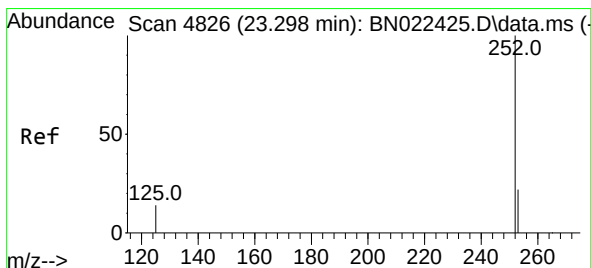
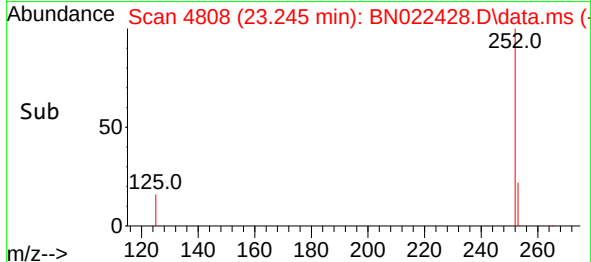
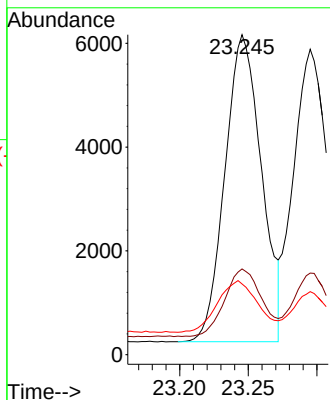
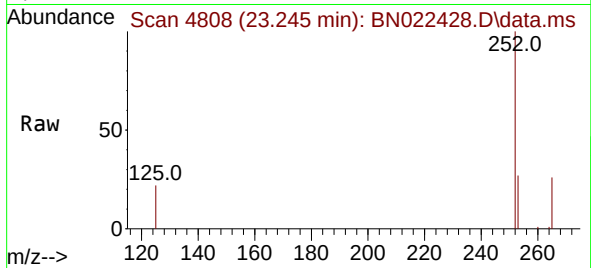




#24
Benzo(b)fluoranthene
Concen: 0.352 ng/ul
RT: 23.245 min Scan# 4808
Delta R.T. -0.005 min
Lab File: BN022428.D
Acq: 01 Nov 2022 09:05

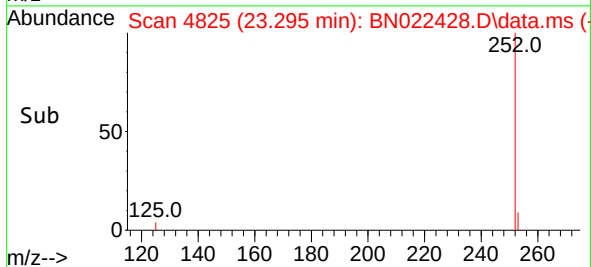
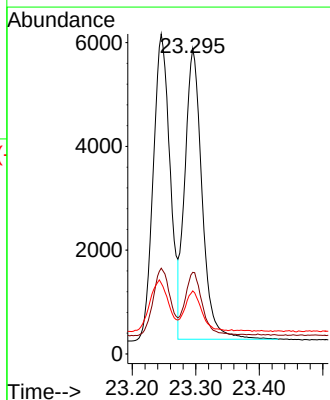
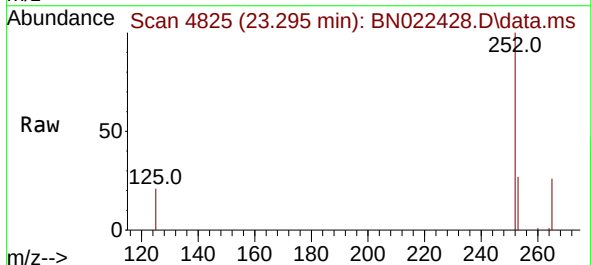
Instrument :
BNA_N
ClientSampleId :
SLCS652

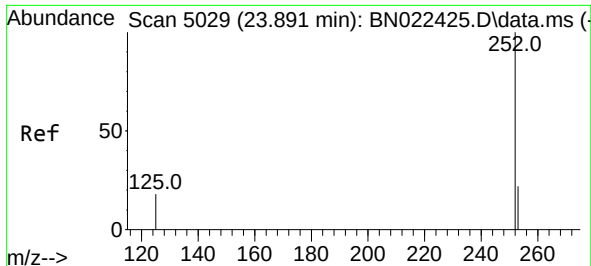
Tgt Ion:252 Resp: 10962
Ion Ratio Lower Upper
252 100
253 26.8 0.0 49.0
125 22.1 0.0 35.2



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 23.295 min Scan# 4825
Delta R.T. -0.005 min
Lab File: BN022428.D
Acq: 01 Nov 2022 09:05

Tgt Ion:252 Resp: 10509
Ion Ratio Lower Upper
252 100
253 26.7 19.7 29.5
125 20.6 14.0 21.0

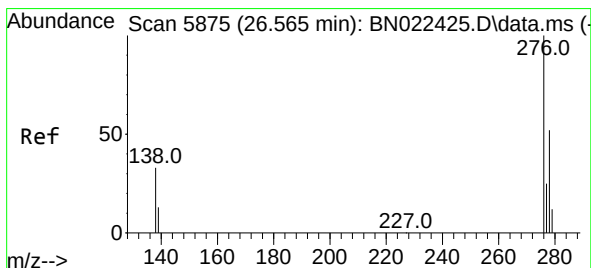
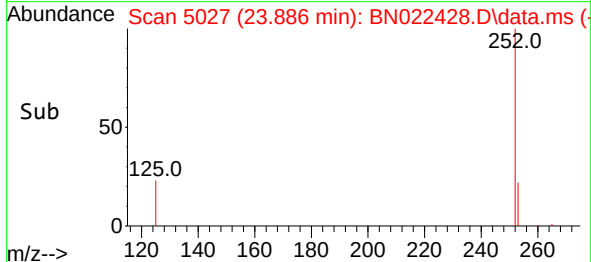
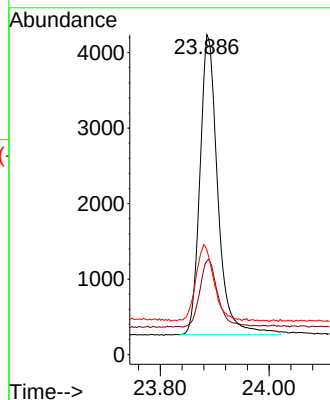
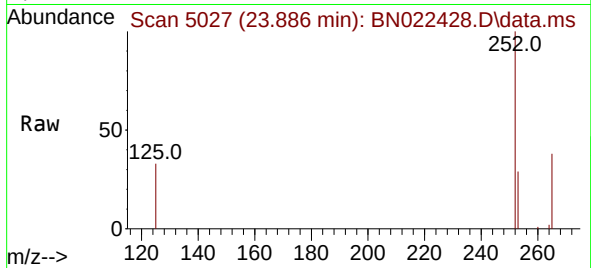




#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.886 min Scan# 5029
Delta R.T. -0.005 min
Lab File: BN022428.D
Acq: 01 Nov 2022 09:05

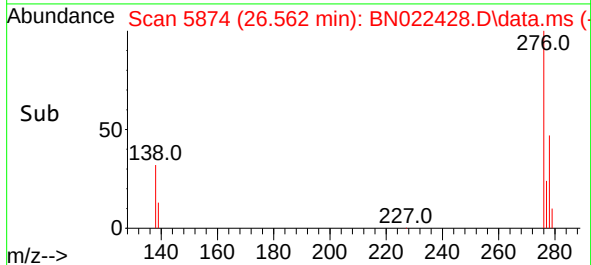
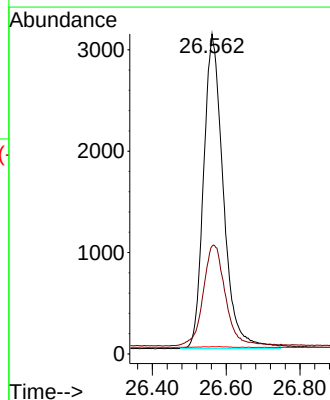
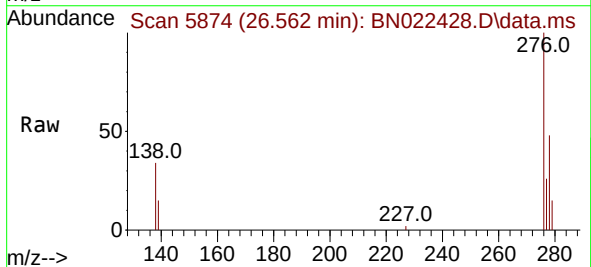
Instrument :
BNA_N
ClientSampleId :
SLCS652

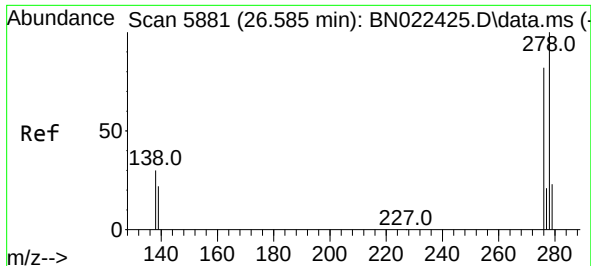
Tgt Ion:252 Resp: 9051
Ion Ratio Lower Upper
252 100
253 29.2 21.0 31.6
125 32.6 17.9 26.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 26.562 min Scan# 5874
Delta R.T. -0.006 min
Lab File: BN022428.D
Acq: 01 Nov 2022 09:05

Tgt Ion:276 Resp: 11493
Ion Ratio Lower Upper
276 100
138 36.2 27.7 41.5
227 0.1 0.2 0.2#





#28

Dibenzo(a,h)anthracene

Concen: 0.365 ng/ul

RT: 26.585 min Scan# 5881

Delta R.T. -0.003 min

Lab File: BN022428.D

Acq: 01 Nov 2022 09:05

Instrument :

BNA_N

ClientSampleId :

SLCS652

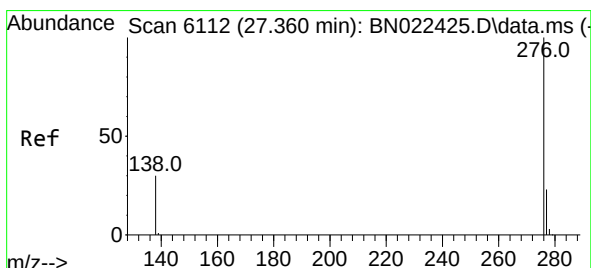
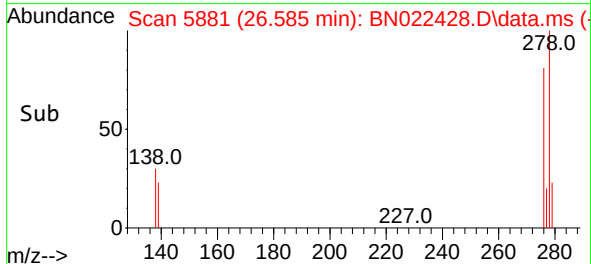
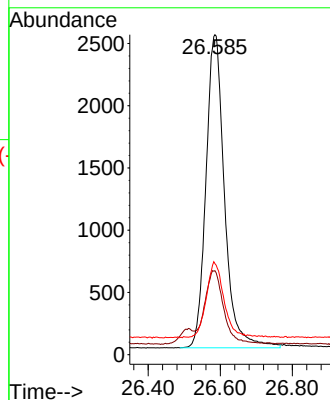
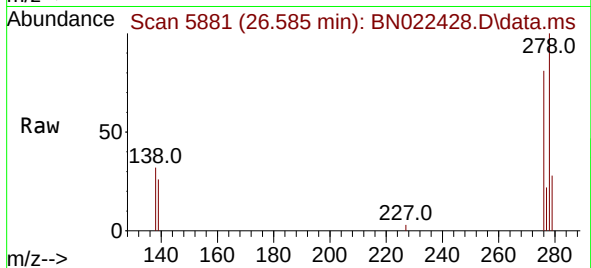
Tgt Ion:278 Resp: 8996

Ion Ratio Lower Upper

278 100

139 26.3 19.6 29.4

279 28.4 20.6 30.8



#29

Benzo(g,h,i)perylene

Concen: 0.376 ng/ul

RT: 27.357 min Scan# 6111

Delta R.T. -0.003 min

Lab File: BN022428.D

Acq: 01 Nov 2022 09:05

Tgt Ion:276 Resp: 9455

Ion Ratio Lower Upper

276 100

138 32.1 25.2 37.8

277 25.8 19.9 29.9

