

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033022.D
 Acq On : 27 Jul 2024 06:52
 Operator : MA/JU
 Sample : PB162203BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS203

Quant Time: Jul 28 22:56:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

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

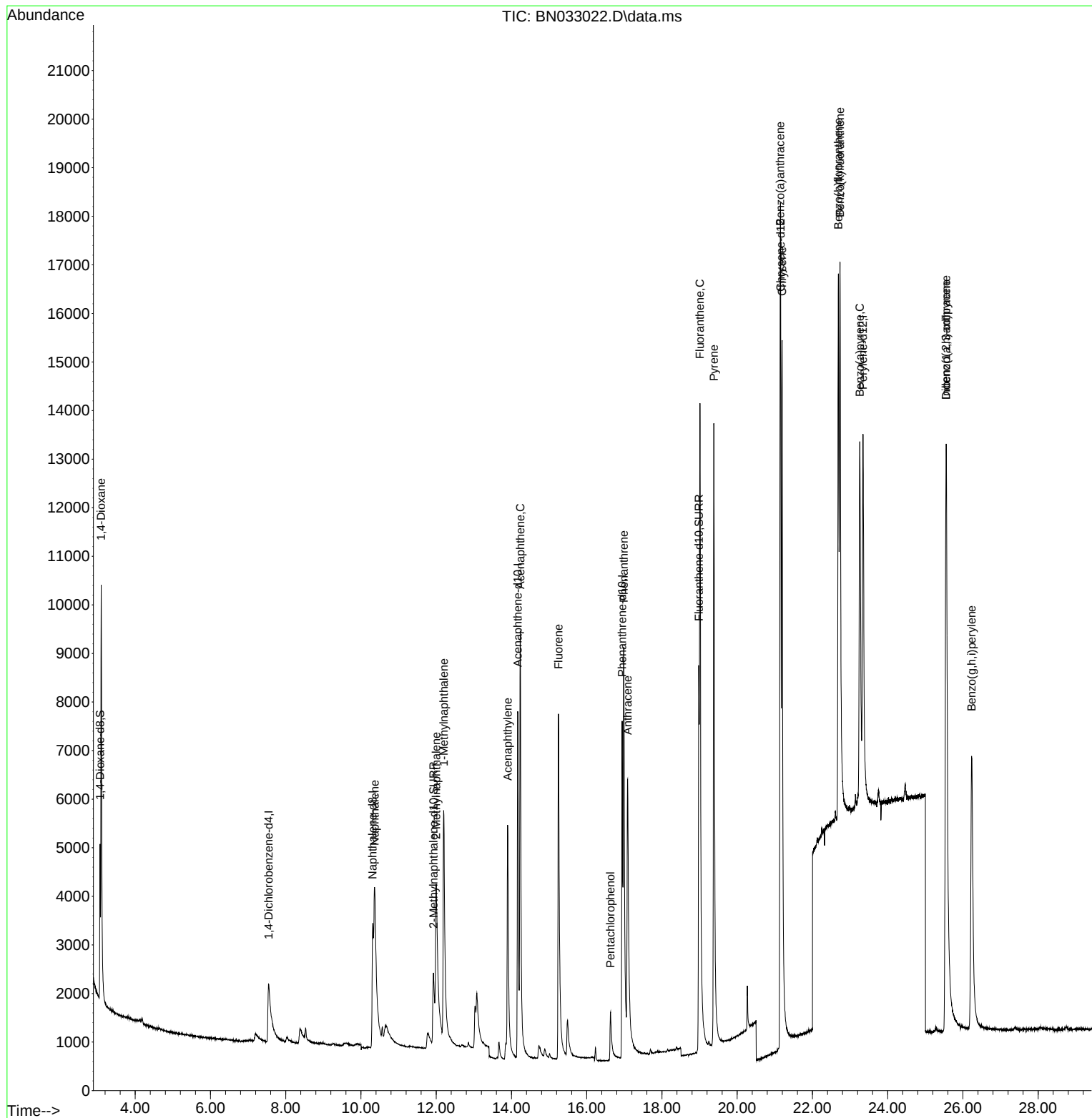
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.545	152	2190	0.400	ng/ul	0.02
4) Naphthalene-d8	10.311	136	9006	0.400	ng/ul	0.01
9) Acenaphthene-d10	14.166	164	5983	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188	12745	0.400	ng/ul	0.00
17) Chrysene-d12	21.154	240	11533	0.400	ng/ul	0.00
23) Perylene-d12	23.343	264	13260	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	2228	0.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	5061	0.344	ng/ul	0.02
18) Fluoranthene-d10	18.981	212	13399	0.410	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.094	88	6606	2.092	ng/ul#	68
5) Naphthalene	10.366	128	8956	0.387	ng/ul	99
7) 2-Methylnaphthalene	12.000	142	5638	0.360	ng/ul	99
8) 1-Methylnaphthalene	12.198	142	6041	0.357	ng/ul	100
10) Acenaphthylene	13.898	152	9191	0.375	ng/ul	100
11) Acenaphthene	14.236	153	7655	0.416	ng/ul	99
12) Fluorene	15.249	166	8147	0.380	ng/ul	99
14) Pentachlorophenol	16.633	266	1425	0.549	ng/ul	99
15) Phenanthrene	16.983	178	12461	0.365	ng/ul	99
16) Anthracene	17.089	178	11005	0.358	ng/ul	99
19) Fluoranthene	19.009	202	16470	0.434	ng/ul	99
20) Pyrene	19.381	202	17450	0.429	ng/ul	99
21) Benzo(a)anthracene	21.142	228	14486	0.368	ng/ul	99
22) Chrysene	21.192	228	19328	0.421	ng/ul	98
24) Benzo(b)fluoranthene	22.688	252	16155	0.417	ng/ul	94
25) Benzo(k)fluoranthene	22.732	252	20121	0.433	ng/ul#	92
26) Benzo(a)pyrene	23.258	252	16549	0.454	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.554	276	19542	0.353	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.554	278	15201	0.346	ng/ul	96
29) Benzo(g,h,i)perylene	26.231	276	15524	0.352	ng/ul	97

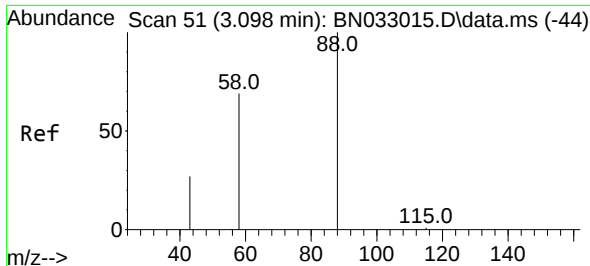
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

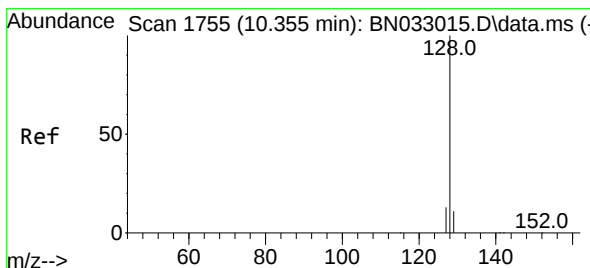
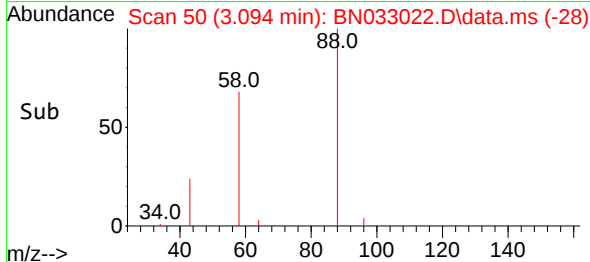
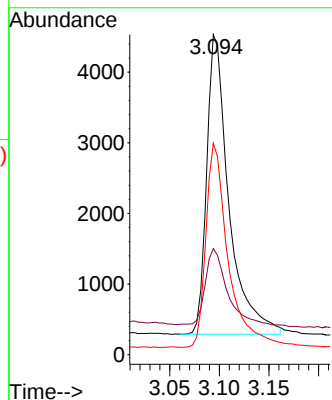
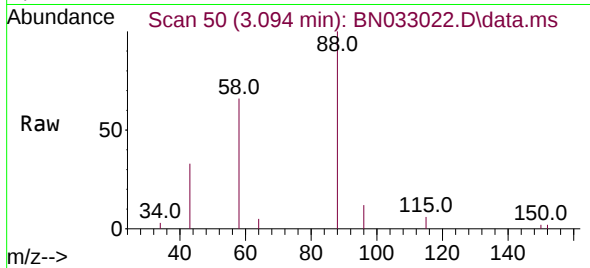




#2
1,4-Dioxane
Concen: 2.092 ng/ul
RT: 3.094 min Scan# 51
Delta R.T. -0.008 min
Lab File: BN033022.D
Acq: 27 Jul 2024 06:52

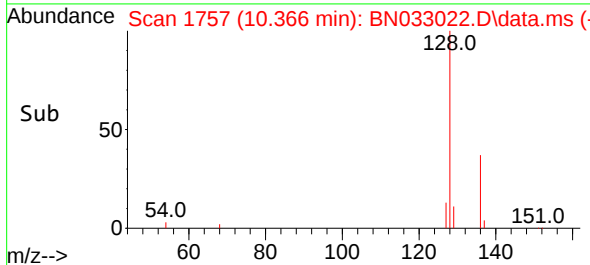
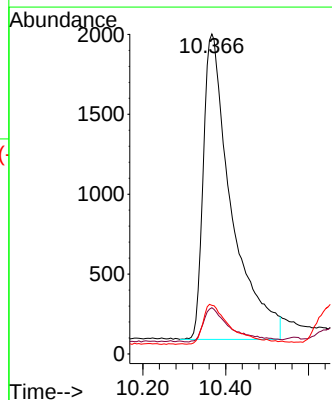
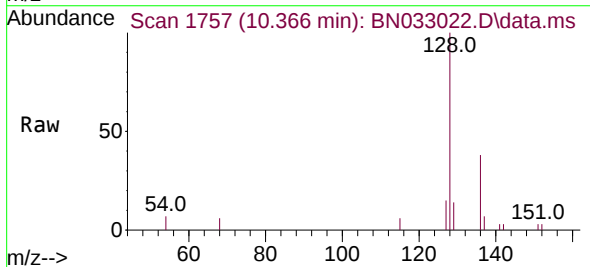
Instrument :
BNA_N
ClientSampleId :
SLCS203

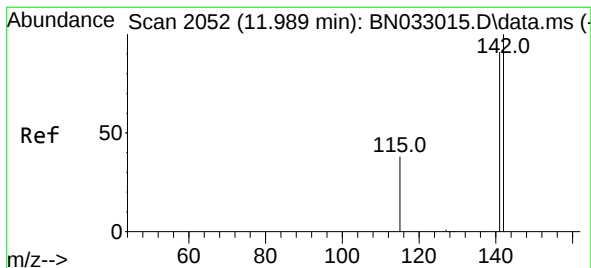
Tgt Ion: 88 Resp: 6606
Ion Ratio Lower Upper
88 100
43 33.1 63.4 95.2#
58 66.1 49.4 74.0



#5
Naphthalene
Concen: 0.387 ng/ul
RT: 10.366 min Scan# 1757
Delta R.T. 0.017 min
Lab File: BN033022.D
Acq: 27 Jul 2024 06:52

Tgt Ion:128 Resp: 8956
Ion Ratio Lower Upper
128 100
129 14.5 12.0 18.0
127 15.2 12.7 19.1





#7

2-Methylnaphthalene

Concen: 0.360 ng/ul

RT: 12.000 min Scan# 2054

Delta R.T. 0.017 min

Lab File: BN033022.D

Acq: 27 Jul 2024 06:52

Instrument :

BNA_N

ClientSampleId :

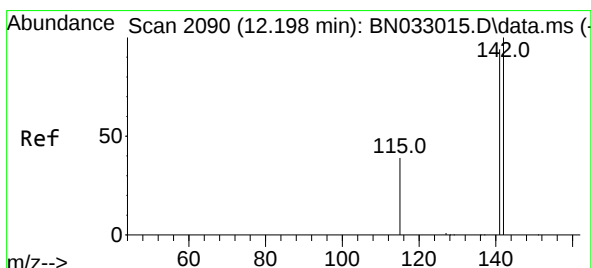
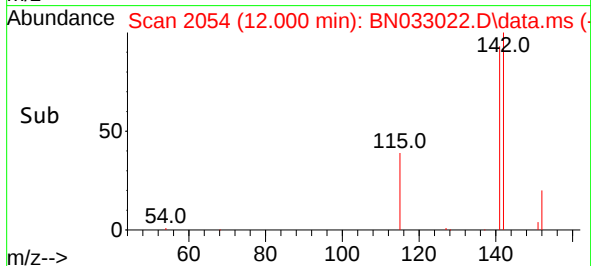
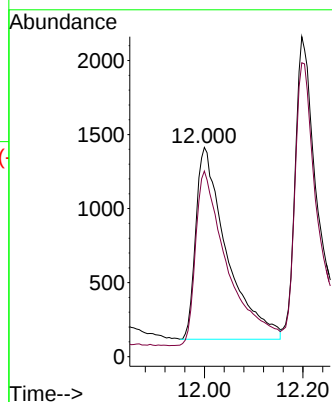
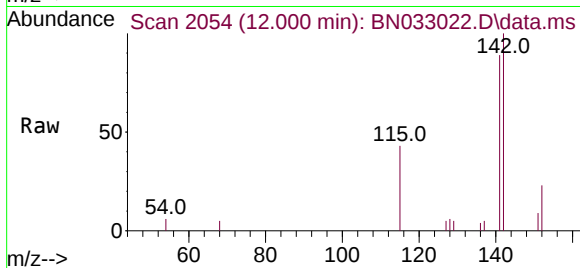
SLCS203

Tgt Ion:142 Resp: 5638

Ion Ratio Lower Upper

142 100

141 95.4 75.2 112.8



#8

1-Methylnaphthalene

Concen: 0.357 ng/ul

RT: 12.198 min Scan# 2090

Delta R.T. 0.000 min

Lab File: BN033022.D

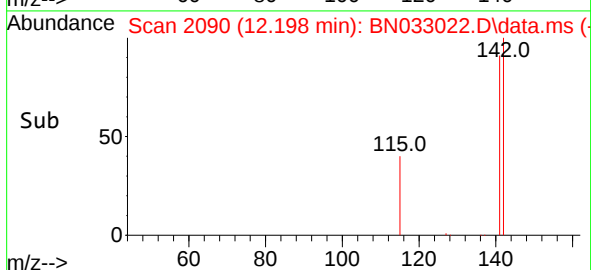
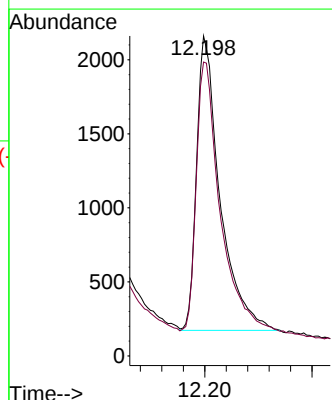
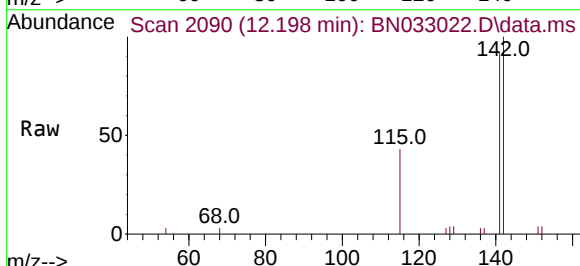
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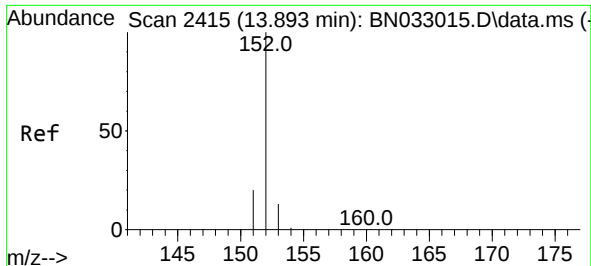
Tgt Ion:142 Resp: 6041

Ion Ratio Lower Upper

142 100

141 93.0 74.3 111.5

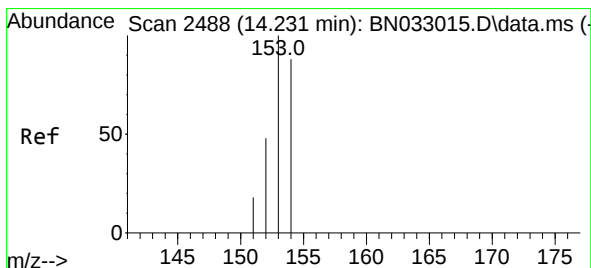
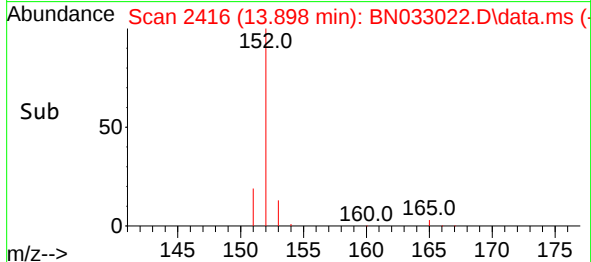
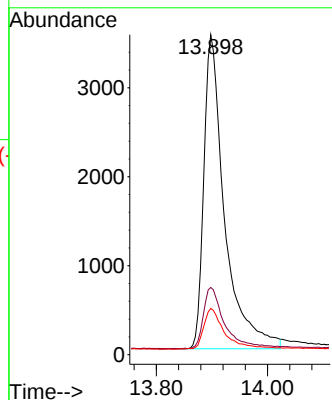
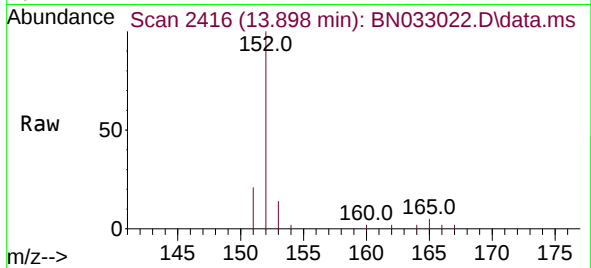




#10
Acenaphthylene
Concen: 0.375 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BN033022.D
Acq: 27 Jul 2024 06:52

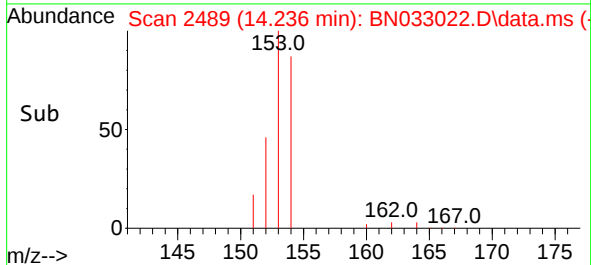
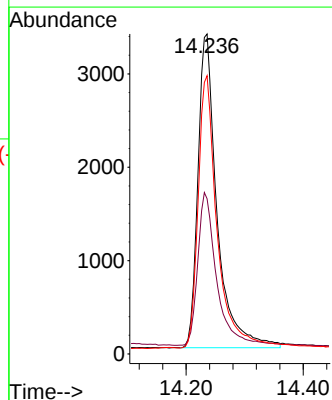
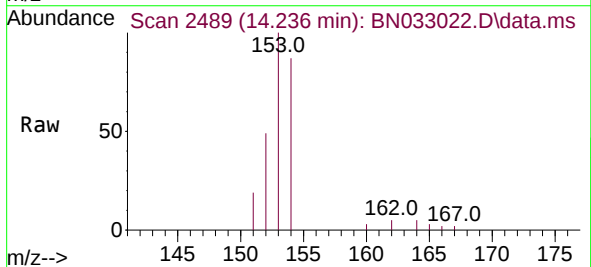
Instrument :
BNA_N
ClientSampleId :
SLCS203

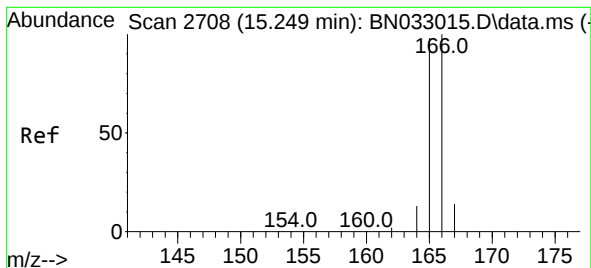
Tgt Ion:152 Resp: 9191
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2
153 14.5 11.9 17.9



#11
Acenaphthene
Concen: 0.416 ng/ul
RT: 14.236 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BN033022.D
Acq: 27 Jul 2024 06:52

Tgt Ion:153 Resp: 7655
Ion Ratio Lower Upper
153 100
152 48.5 40.0 60.0
154 87.0 70.1 105.1





#12

Fluorene

Concen: 0.380 ng/ul

RT: 15.249 min Scan# 21

Delta R.T. 0.005 min

Lab File: BN033022.D

Acq: 27 Jul 2024 06:52

Instrument :

BNA_N

ClientSampleId :

SLCS203

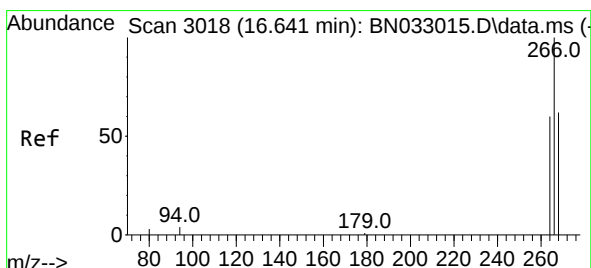
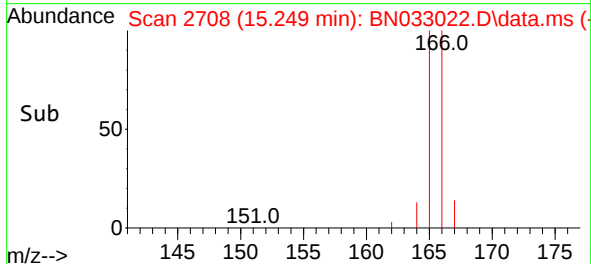
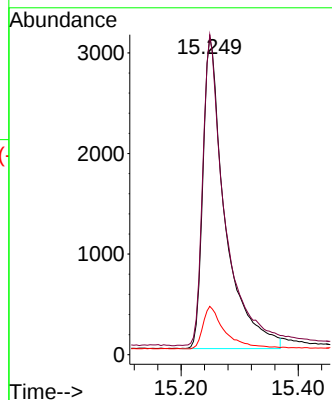
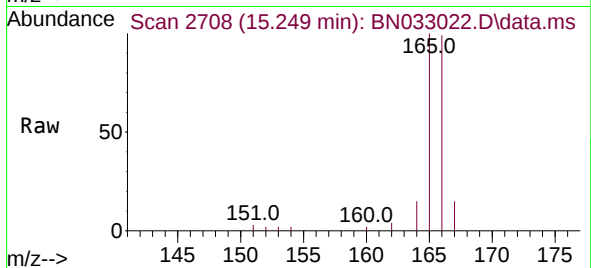
Tgt Ion:166 Resp: 8147

Ion Ratio Lower Upper

166 100

165 100.9 79.6 119.4

167 15.3 12.2 18.4



#14

Pentachlorophenol

Concen: 0.549 ng/ul

RT: 16.633 min Scan# 3016

Delta R.T. -0.004 min

Lab File: BN033022.D

Acq: 27 Jul 2024 06:52

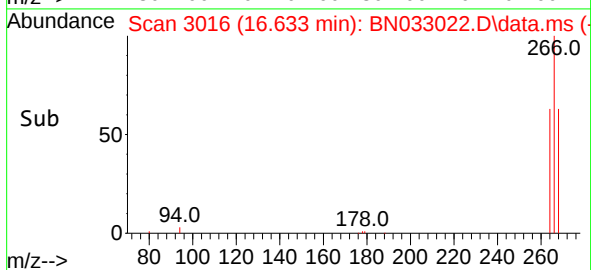
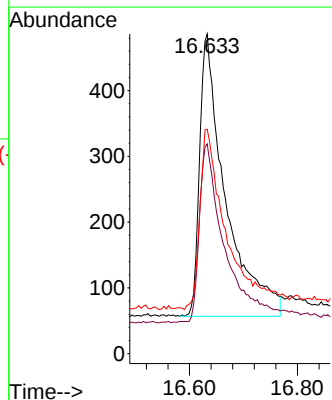
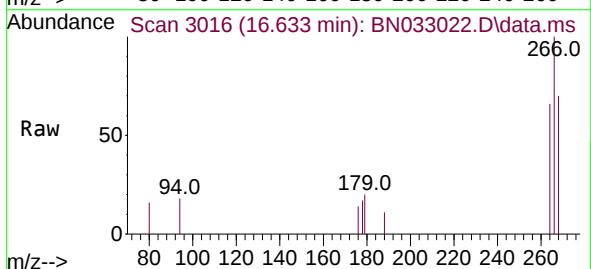
Tgt Ion:266 Resp: 1425

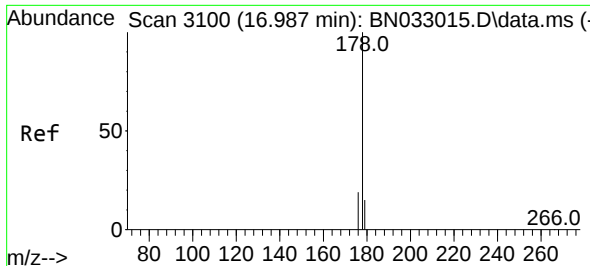
Ion Ratio Lower Upper

266 100

264 61.5 49.3 73.9

268 66.2 51.8 77.8

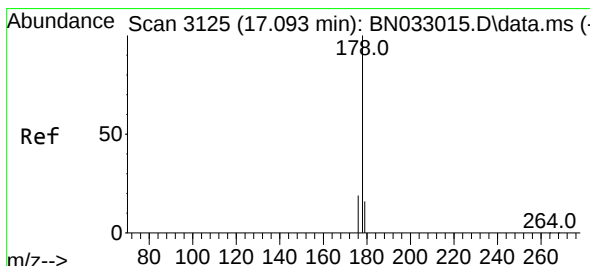
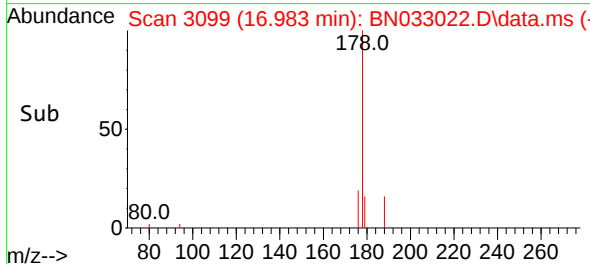
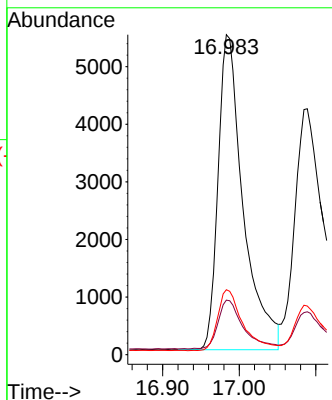
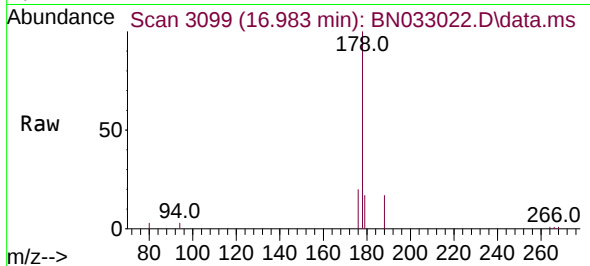




#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 16.983 min Scan# 3099
Delta R.T. -0.004 min
Lab File: BN033022.D
Acq: 27 Jul 2024 06:52

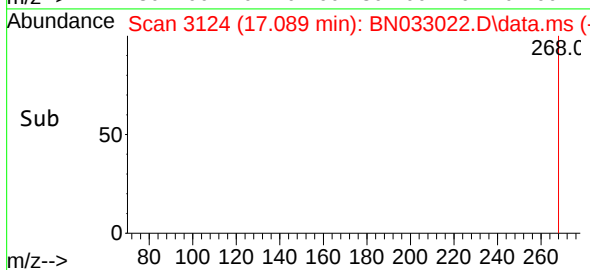
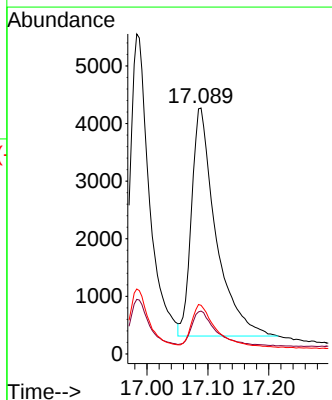
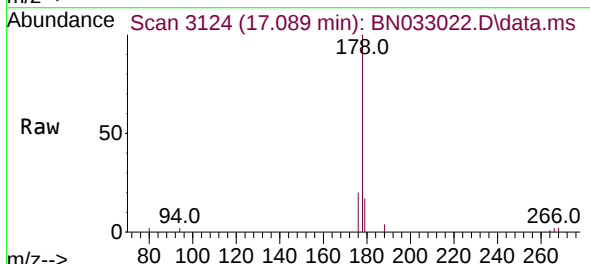
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SLCS203

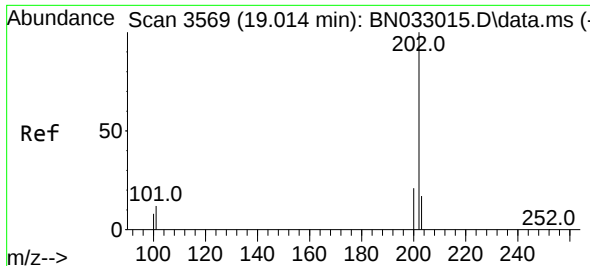
Tgt Ion:178 Resp: 12461
Ion Ratio Lower Upper
178 100
179 17.0 13.7 20.5
176 20.3 15.9 23.9



#16
Anthracene
Concen: 0.358 ng/ul
RT: 17.089 min Scan# 3124
Delta R.T. 0.004 min
Lab File: BN033022.D
Acq: 27 Jul 2024 06:52

Tgt Ion:178 Resp: 11005
Ion Ratio Lower Upper
178 100
179 17.4 14.3 21.5
176 19.8 15.8 23.8

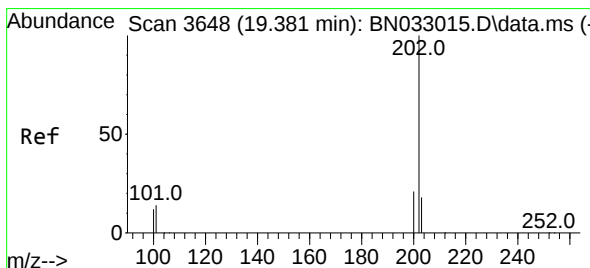
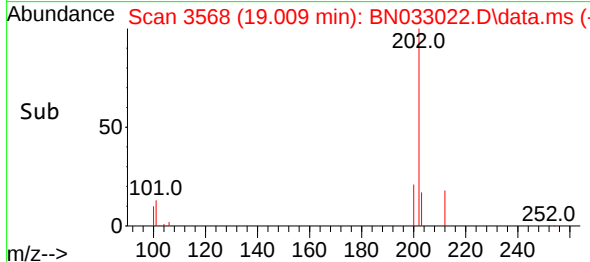
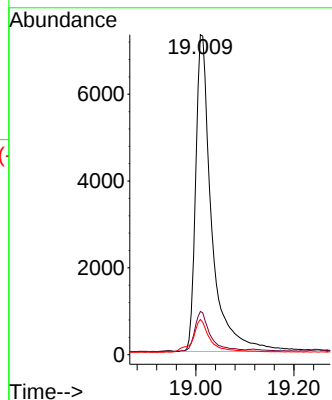
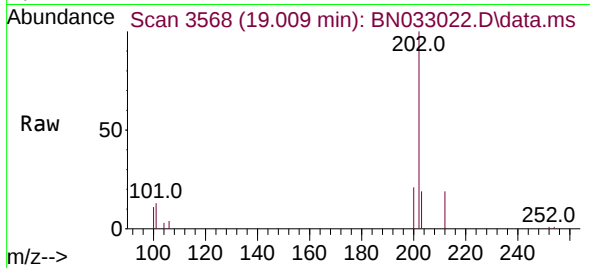




#19
Fluoranthene
Concen: 0.434 ng/ul
RT: 19.009 min Scan# 3568
Delta R.T. -0.005 min
Lab File: BN033022.D
Acq: 27 Jul 2024 06:52

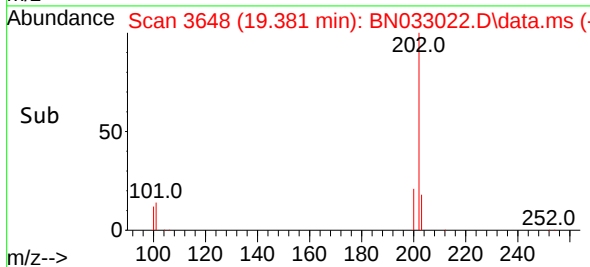
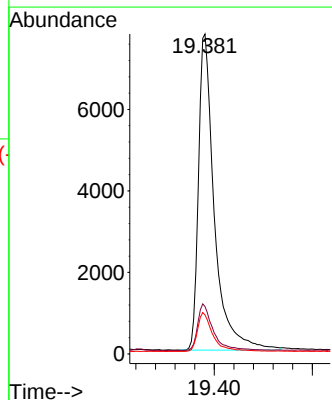
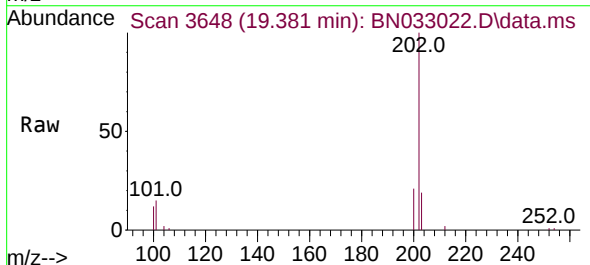
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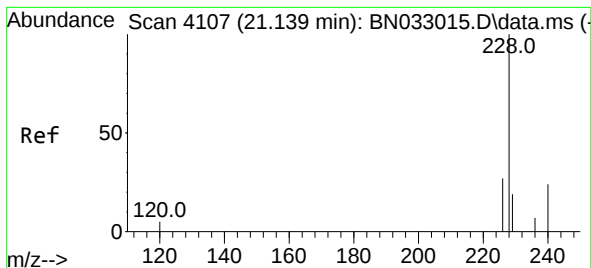
Tgt Ion:202 Resp: 16470
Ion Ratio Lower Upper
202 100
101 13.5 10.7 16.1
100 11.0 8.3 12.5



#20
Pyrene
Concen: 0.429 ng/ul
RT: 19.381 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN033022.D
Acq: 27 Jul 2024 06:52

Tgt Ion:202 Resp: 17450
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 12.2 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.368 ng/ul

RT: 21.142 min Scan# 4108

Delta R.T. -0.003 min

Lab File: BN033022.D

Acq: 27 Jul 2024 06:52

Instrument :

BNA_N

ClientSampleId :

SLCS203

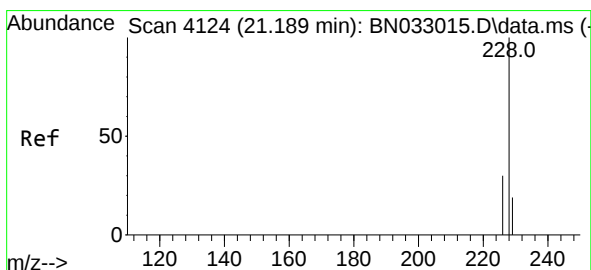
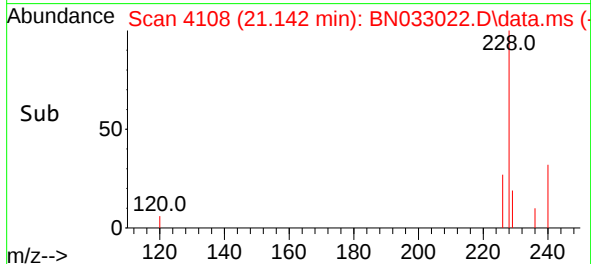
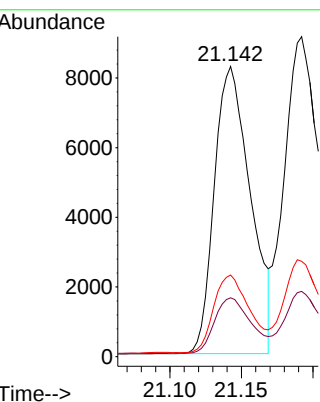
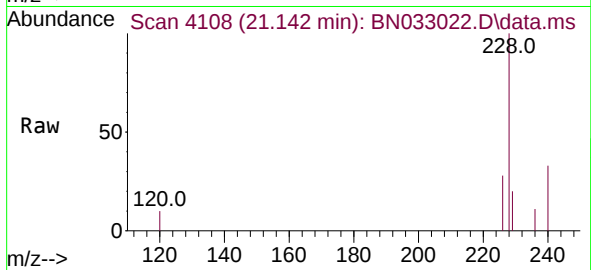
Tgt Ion:228 Resp: 14486

Ion Ratio Lower Upper

228 100

229 20.3 17.1 25.7

226 28.1 22.4 33.6



#22

Chrysene

Concen: 0.421 ng/ul

RT: 21.192 min Scan# 4125

Delta R.T. -0.003 min

Lab File: BN033022.D

Acq: 27 Jul 2024 06:52

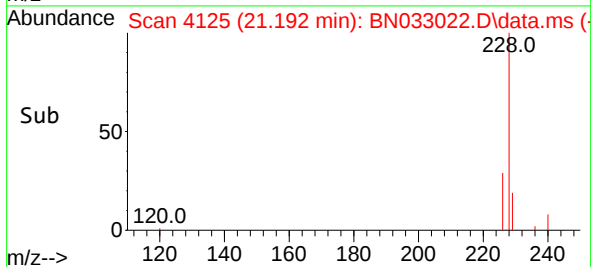
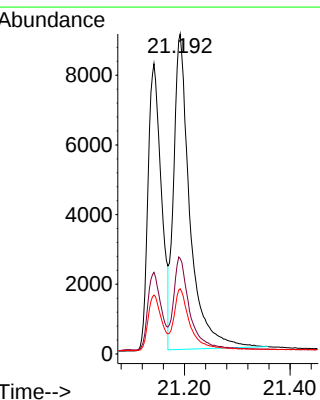
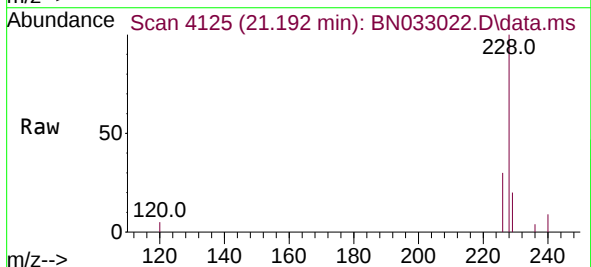
Tgt Ion:228 Resp: 19328

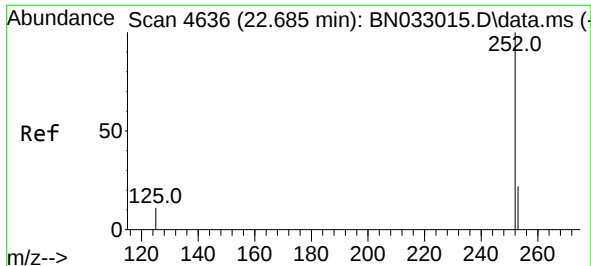
Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

229 20.4 17.0 25.6

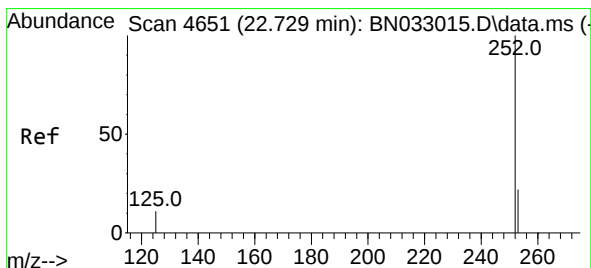
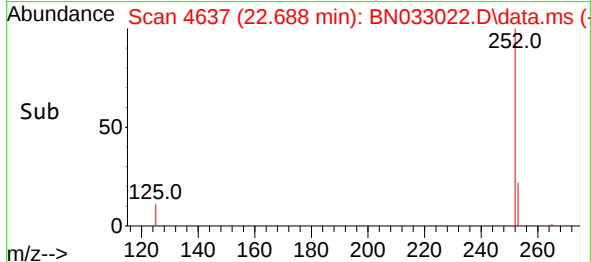
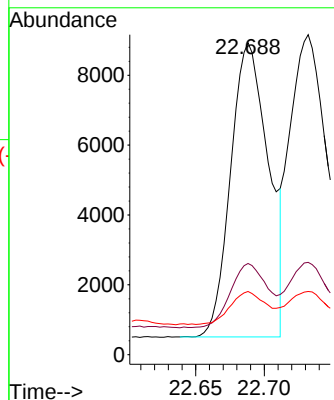
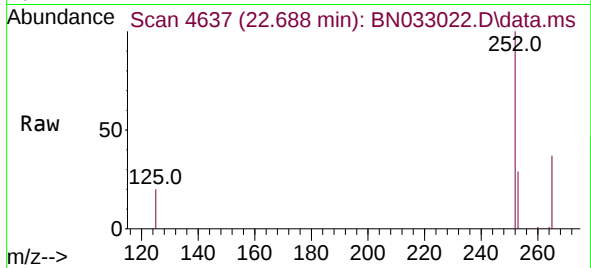




#24
Benzo(b)fluoranthene
Concen: 0.417 ng/ul
RT: 22.688 min Scan# 4637
Delta R.T. -0.006 min
Lab File: BN033022.D
Acq: 27 Jul 2024 06:52

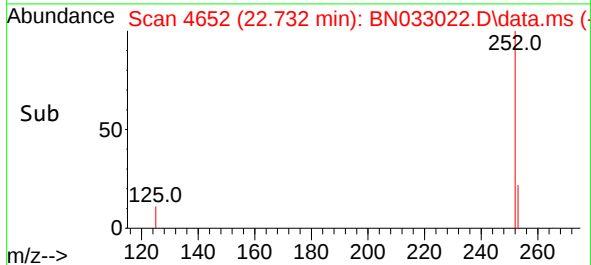
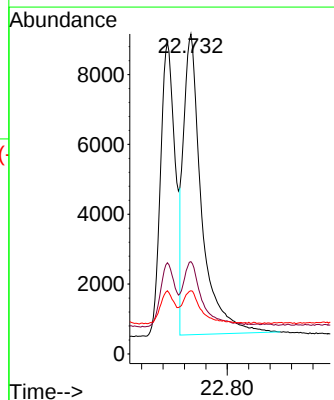
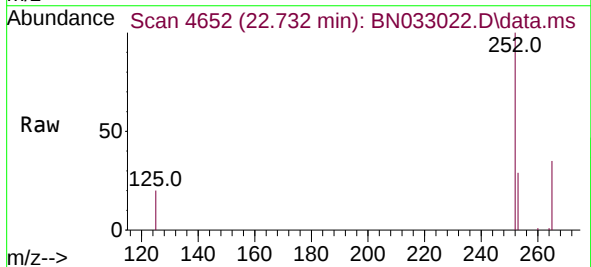
Instrument :
BNA_N
ClientSampleId :
SLCS203

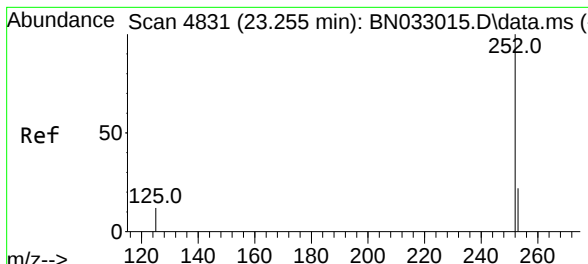
Tgt Ion:252 Resp: 16155
Ion Ratio Lower Upper
252 100
253 29.2 0.0 60.6
125 20.3 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.433 ng/ul
RT: 22.732 min Scan# 4652
Delta R.T. -0.003 min
Lab File: BN033022.D
Acq: 27 Jul 2024 06:52

Tgt Ion:252 Resp: 20121
Ion Ratio Lower Upper
252 100
253 28.9 24.9 37.3
125 19.8 20.9 31.3#

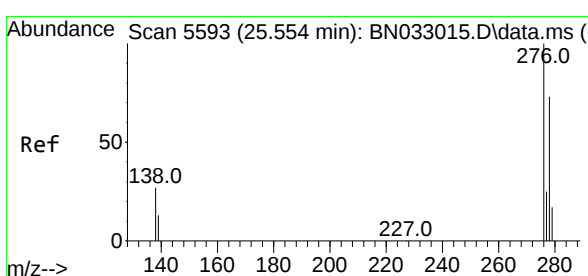
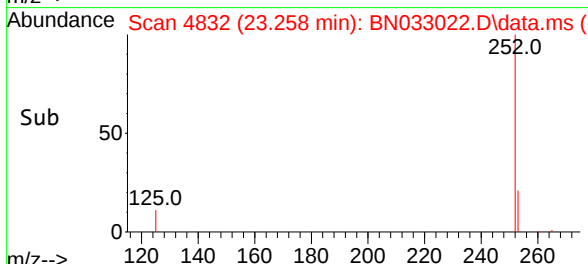
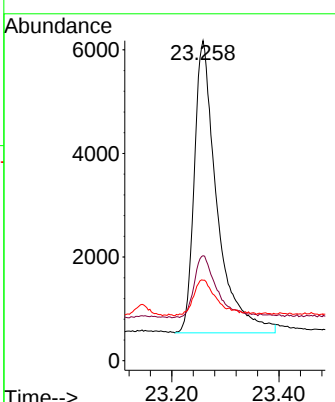
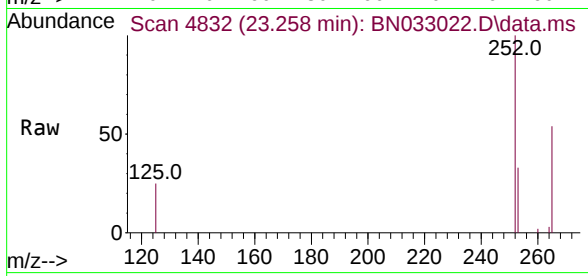




#26
 Benzo(a)pyrene
 Concen: 0.454 ng/ul
 RT: 23.258 min Scan# 4832
 Delta R.T. -0.003 min
 Lab File: BN033022.D
 Acq: 27 Jul 2024 06:52

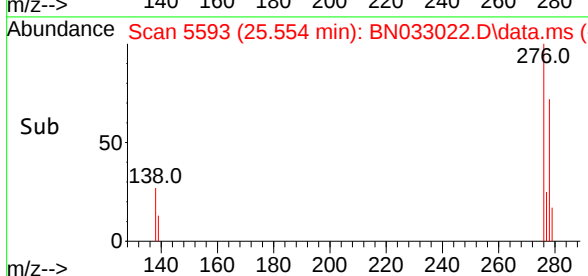
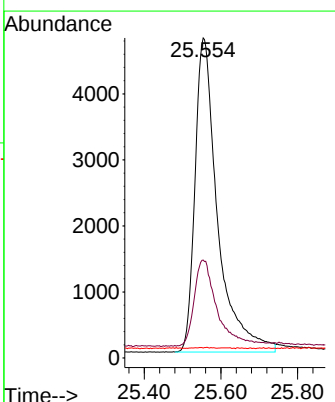
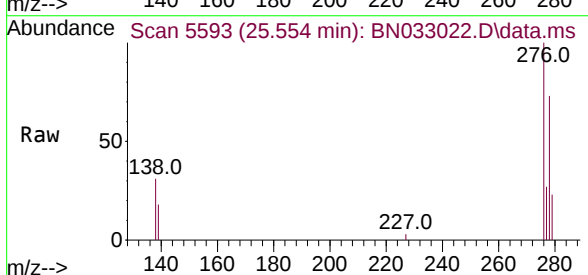
Instrument :
 BNA_N
 ClientSampleId :
 SLCS203

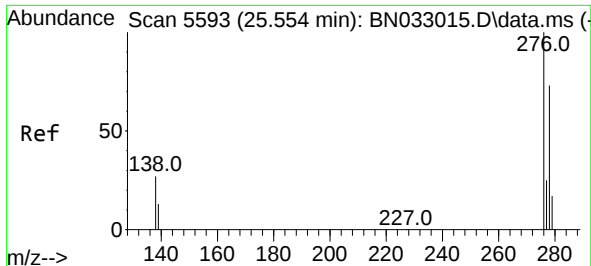
Tgt Ion:	252	Resp:	16549
Ion Ratio	Lower	Upper	
252	100		
253	32.8	27.5	41.3
125	25.2	27.0	40.6#



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.353 ng/ul
 RT: 25.554 min Scan# 5593
 Delta R.T. -0.007 min
 Lab File: BN033022.D
 Acq: 27 Jul 2024 06:52

Tgt Ion:	276	Resp:	19542
Ion Ratio	Lower	Upper	
276	100		
138	27.8	21.8	32.8
227	0.1	0.2	0.2#

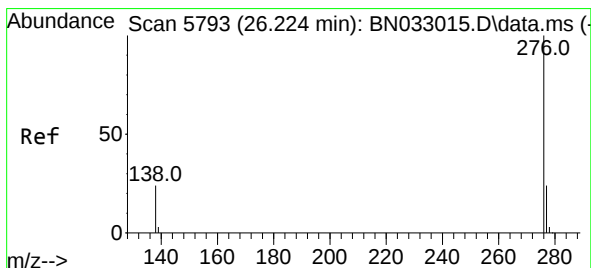
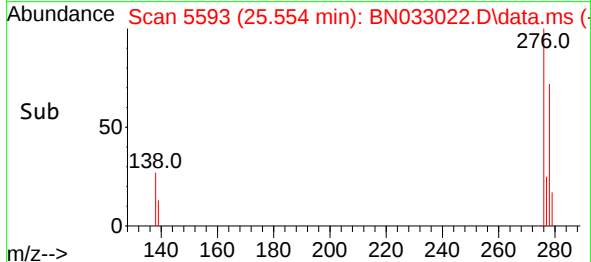
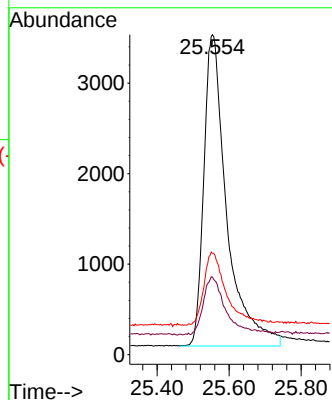
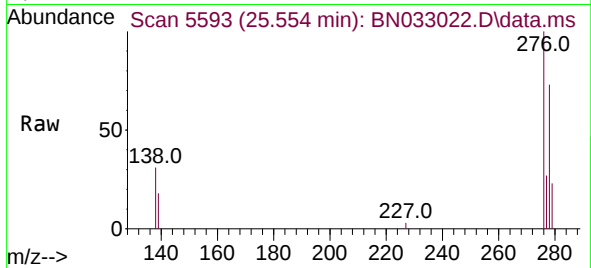




#28
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 25.554 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN033022.D
Acq: 27 Jul 2024 06:52

Instrument :
BNA_N
ClientSampleId :
SLCS203

Tgt Ion:278 Resp: 15201
Ion Ratio Lower Upper
278 100
139 24.3 22.5 33.7
279 31.7 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 26.231 min Scan# 5795
Delta R.T. -0.010 min
Lab File: BN033022.D
Acq: 27 Jul 2024 06:52

Tgt Ion:276 Resp: 15524
Ion Ratio Lower Upper
276 100
138 28.7 24.6 37.0
277 26.8 22.6 34.0

