

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082824\
 Data File : BN033664.D
 Acq On : 29 Aug 2024 02:49
 Operator : MA/JU
 Sample : PB162960BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS960

Quant Time: Aug 29 03:21:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 23:48:09 2024
 Response via : Initial Calibration

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

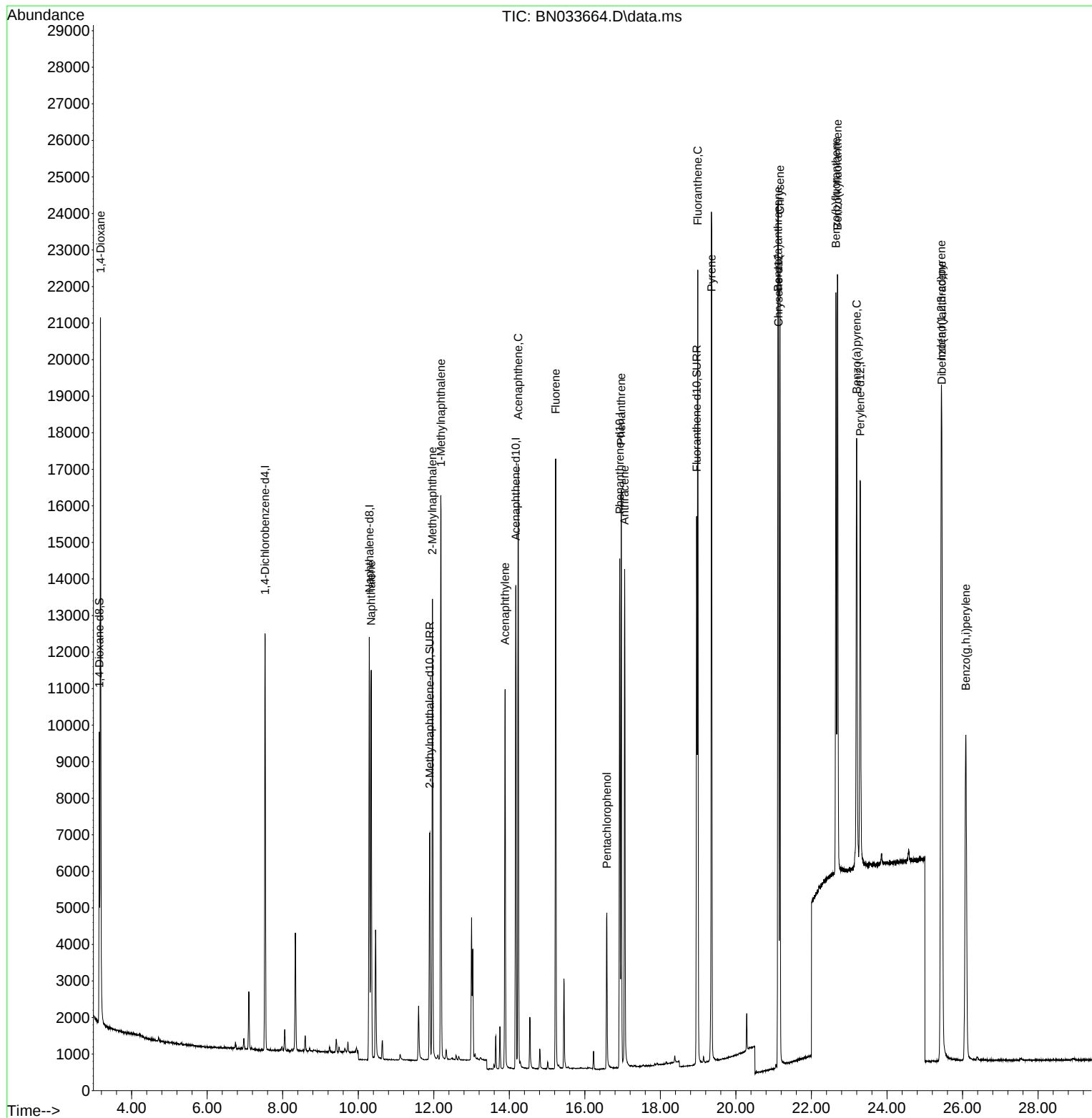
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	5511	0.400	ng/ul	0.00
4) Naphthalene-d8	10.294	136	14923	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.174	164	7455	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.923	188	15752	0.400	ng/ul	0.00
17) Chrysene-d12	21.130	240	12772	0.400	ng/ul	0.00
23) Perylene-d12	23.292	264	13553	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	4460	0.787	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	8301	0.388	ng/ul	0.00
18) Fluoranthene-d10	18.962	212	16045	0.421	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	11734	1.867	ng/ul#	79
5) Naphthalene	10.343	128	14261	0.357	ng/ul	99
7) 2-Methylnaphthalene	11.966	142	8967	0.355	ng/ul	100
8) 1-Methylnaphthalene	12.191	142	10536	0.405	ng/ul	99
10) Acenaphthylene	13.888	152	11508	0.340	ng/ul	100
11) Acenaphthene	14.235	153	9322	0.381	ng/ul	99
12) Fluorene	15.229	166	10149	0.372	ng/ul	100
14) Pentachlorophenol	16.581	266	2948	0.595	ng/ul	99
15) Phenanthrene	16.965	178	16296	0.351	ng/ul	100
16) Anthracene	17.054	178	14532	0.348	ng/ul	100
19) Fluoranthene	18.990	202	18455	0.366	ng/ul	98
20) Pyrene	19.352	202	19193	0.359	ng/ul	99
21) Benzo(a)anthracene	21.115	228	17655	0.351	ng/ul	99
22) Chrysene	21.168	228	18258	0.359	ng/ul	99
24) Benzo(b)fluoranthene	22.649	252	18429	0.350	ng/ul	99
25) Benzo(k)fluoranthene	22.690	252	19242	0.366	ng/ul	98
26) Benzo(a)pyrene	23.196	252	16763	0.397	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.438	276	22613	0.356	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.452	278	17575	0.357	ng/ul	99
29) Benzo(g,h,i)perylene	26.089	276	17805	0.359	ng/ul	100

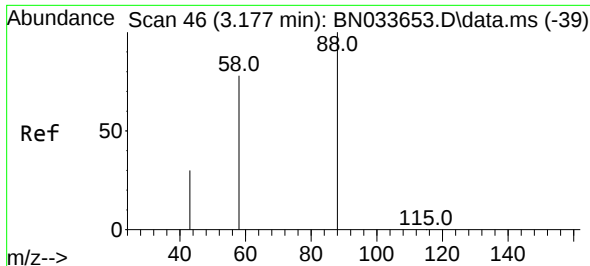
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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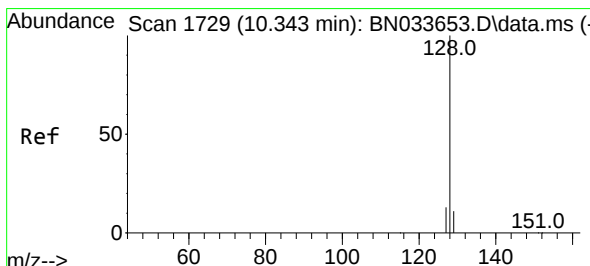
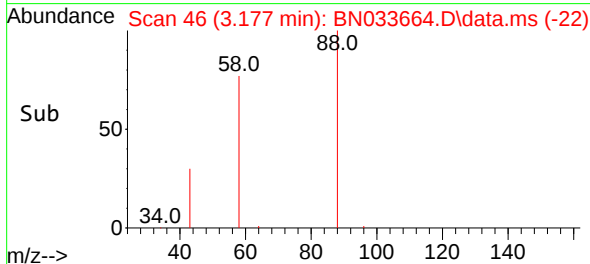
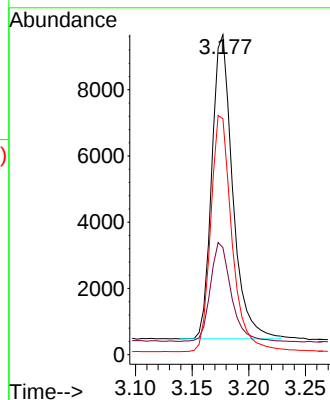
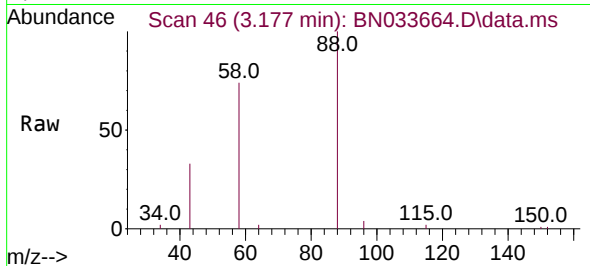




#2
1,4-Dioxane
Concen: 1.867 ng/ul
RT: 3.177 min Scan# 46
Delta R.T. 0.000 min
Lab File: BN033664.D
Acq: 29 Aug 2024 02:49

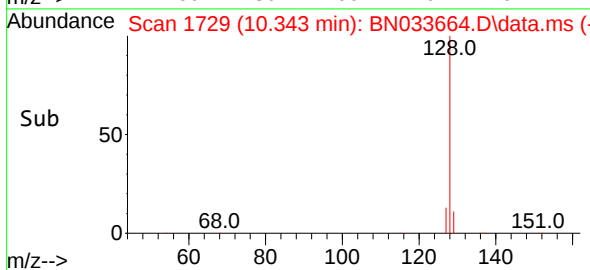
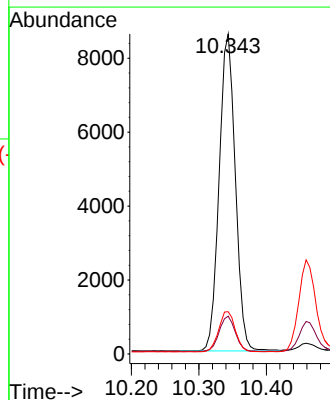
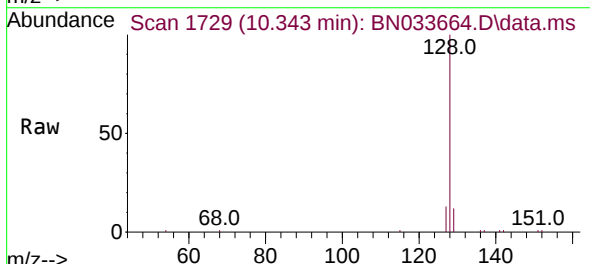
Instrument :
BNA_N
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SLCS960

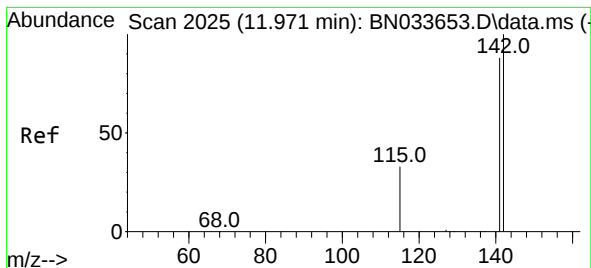
Tgt Ion: 88 Resp: 11734
Ion Ratio Lower Upper
88 100
43 33.5 47.0 70.4#
58 73.8 53.0 79.4



#5
Naphthalene
Concen: 0.357 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.004 min
Lab File: BN033664.D
Acq: 29 Aug 2024 02:49

Tgt Ion: 128 Resp: 14261
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.2 10.8 16.2





#7

2-Methylnaphthalene

Concen: 0.355 ng/ul

RT: 11.966 min Scan# 2024

Delta R.T. -0.004 min

Lab File: BN033664.D

Acq: 29 Aug 2024 02:49

Instrument :

BNA_N

ClientSampleId :

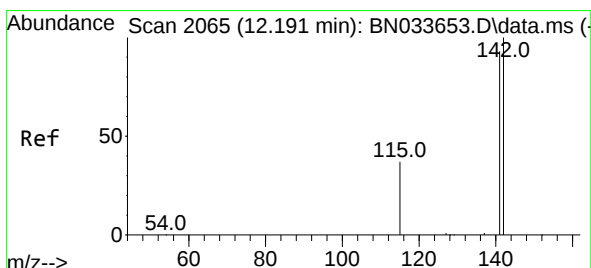
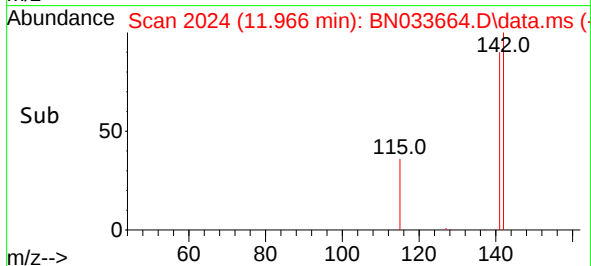
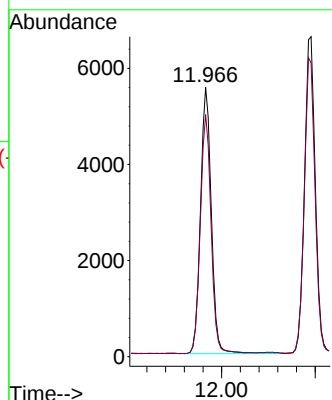
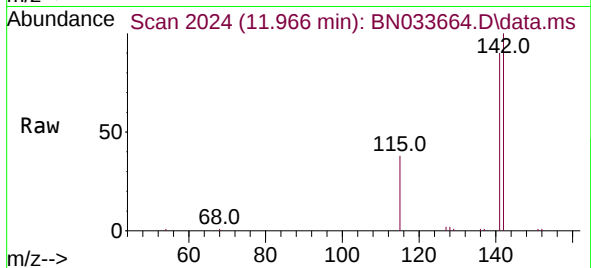
SLCS960

Tgt Ion:142 Resp: 8967

Ion Ratio Lower Upper

142 100

141 89.1 71.1 106.7



#8

1-Methylnaphthalene

Concen: 0.405 ng/ul

RT: 12.191 min Scan# 2065

Delta R.T. -0.004 min

Lab File: BN033664.D

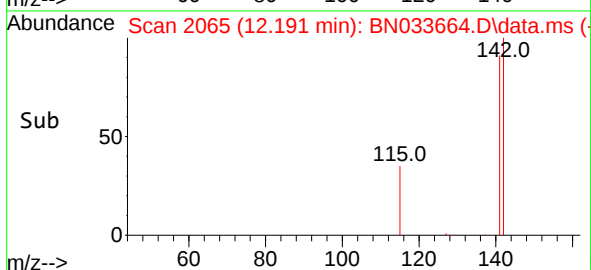
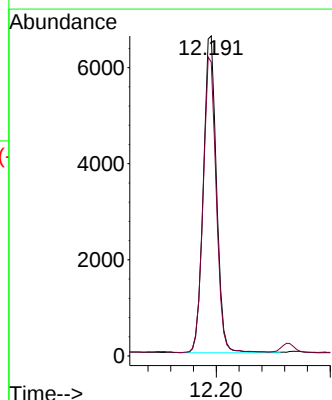
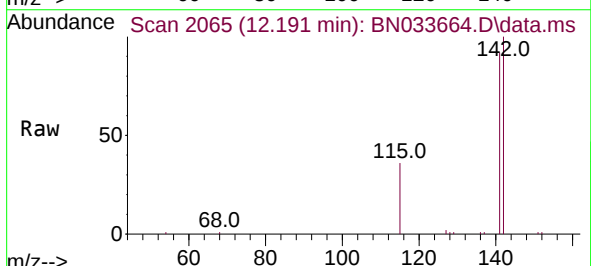
Acq: 29 Aug 2024 02:49

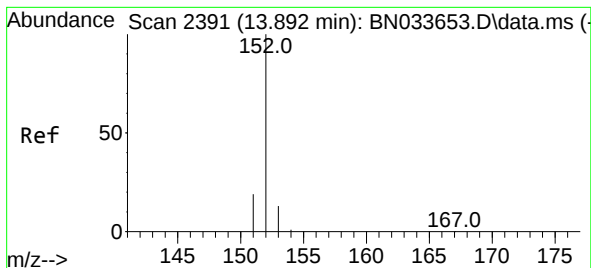
Tgt Ion:142 Resp: 10536

Ion Ratio Lower Upper

142 100

141 93.1 73.6 110.4





#10

Acenaphthylene

Concen: 0.340 ng/ul

RT: 13.888 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033664.D

Acq: 29 Aug 2024 02:49

Instrument :

BNA_N

ClientSampleId :

SLCS960

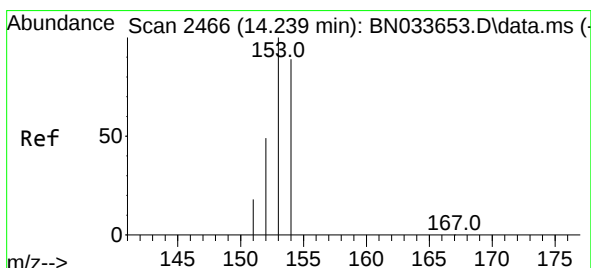
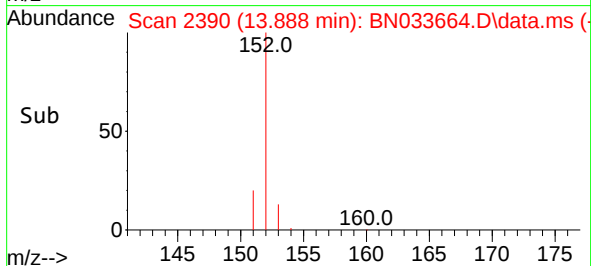
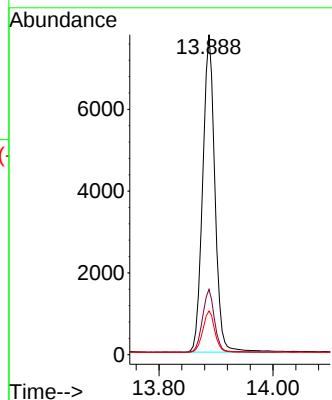
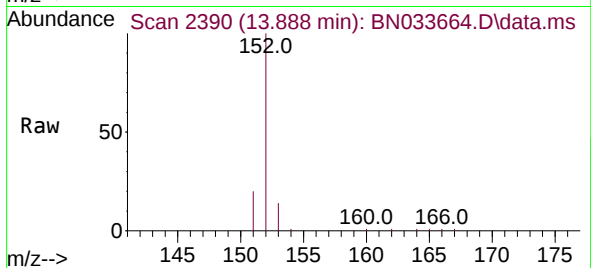
Tgt Ion:152 Resp: 11508

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

153 13.6 10.8 16.2



#11

Acenaphthene

Concen: 0.381 ng/ul

RT: 14.235 min Scan# 2465

Delta R.T. -0.003 min

Lab File: BN033664.D

Acq: 29 Aug 2024 02:49

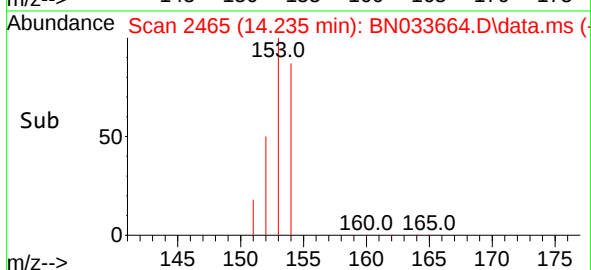
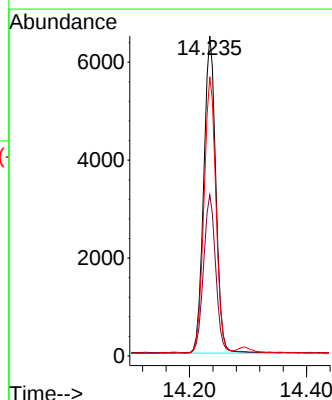
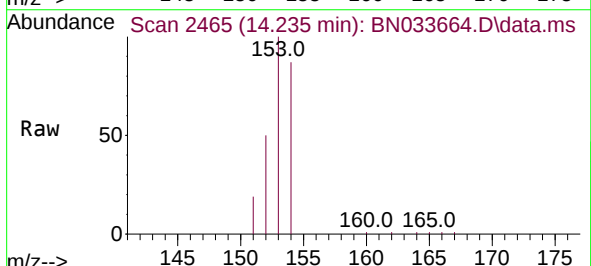
Tgt Ion:153 Resp: 9322

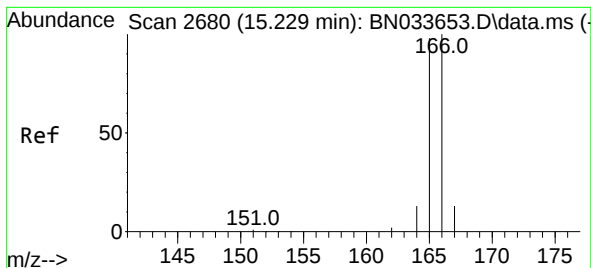
Ion Ratio Lower Upper

153 100

152 50.3 39.8 59.8

154 87.3 69.0 103.6





#12

Fluorene

Concen: 0.372 ng/ul

RT: 15.229 min Scan# 2

Delta R.T. -0.003 min

Lab File: BN033664.D

Acq: 29 Aug 2024 02:49

Instrument :

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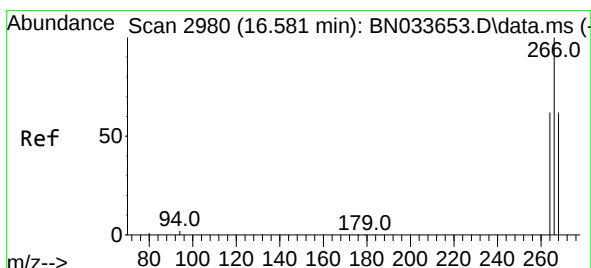
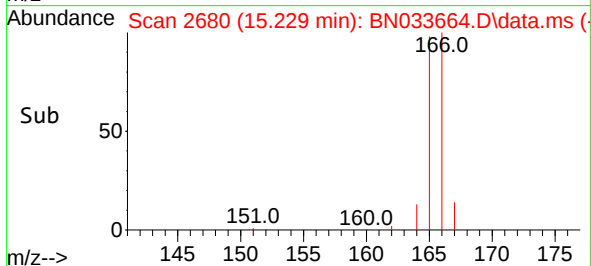
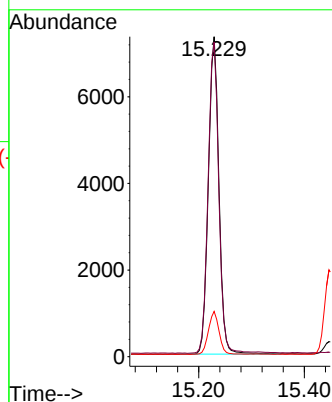
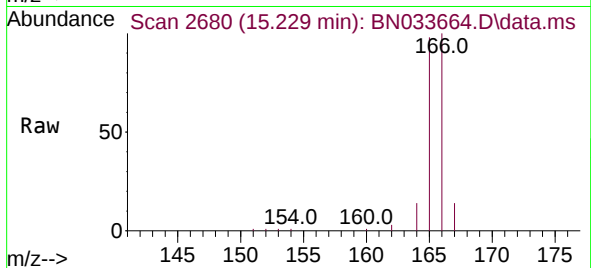
Tgt Ion:166 Resp: 10149

Ion Ratio Lower Upper

166 100

165 98.4 79.1 118.7

167 14.1 11.4 17.0



#14

Pentachlorophenol

Concen: 0.595 ng/ul

RT: 16.581 min Scan# 2980

Delta R.T. -0.003 min

Lab File: BN033664.D

Acq: 29 Aug 2024 02:49

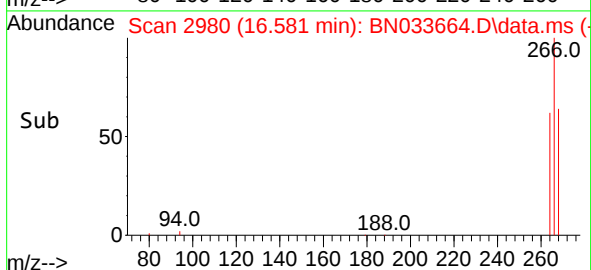
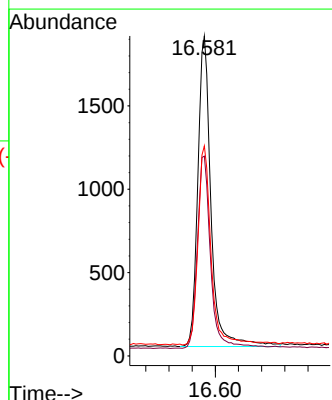
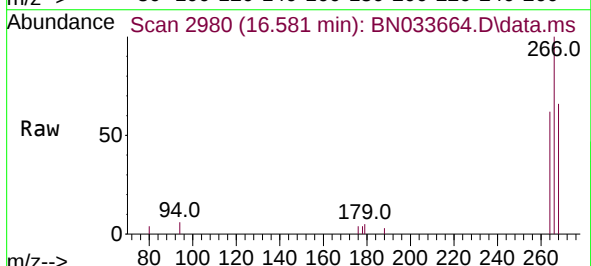
Tgt Ion:266 Resp: 2948

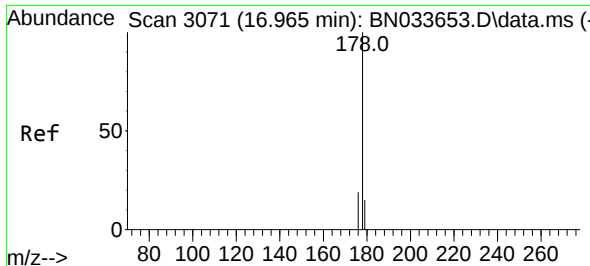
Ion Ratio Lower Upper

266 100

264 62.3 50.3 75.5

268 64.1 51.7 77.5

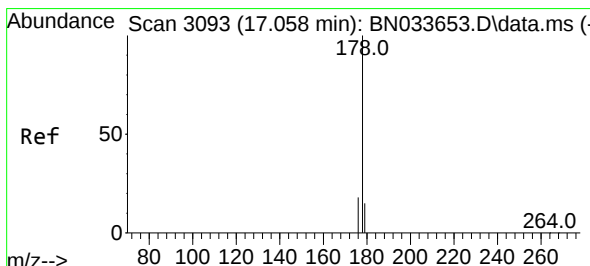
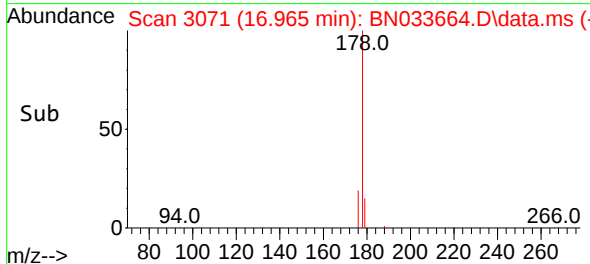
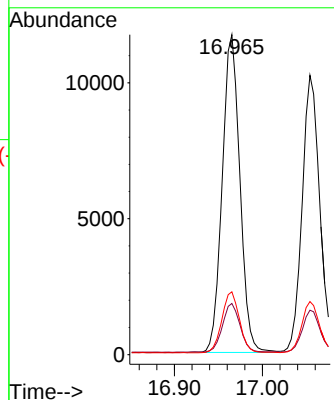
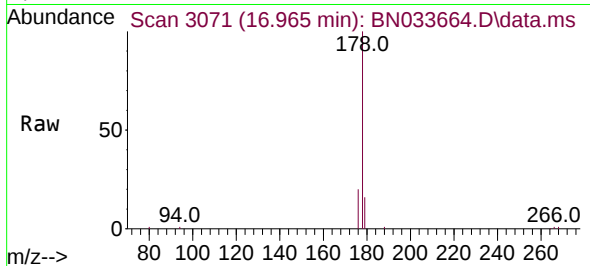




#15
Phenanthrene
Concen: 0.351 ng/ul
RT: 16.965 min Scan# 3071
Delta R.T. -0.003 min
Lab File: BN033664.D
Acq: 29 Aug 2024 02:49

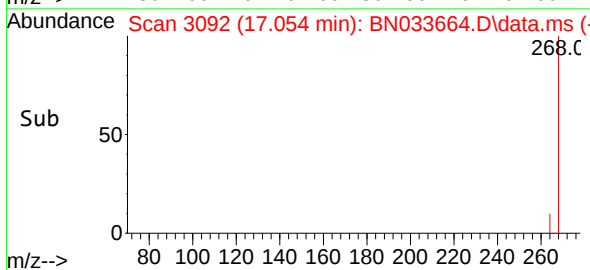
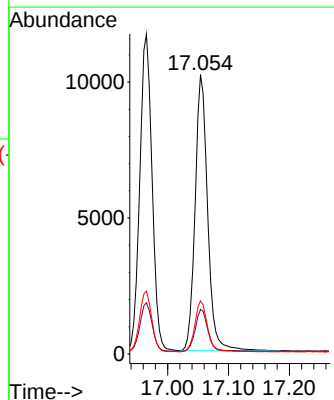
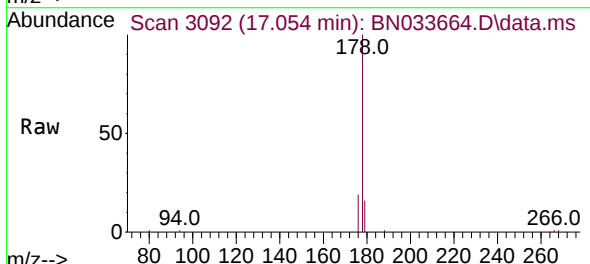
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SLCS960

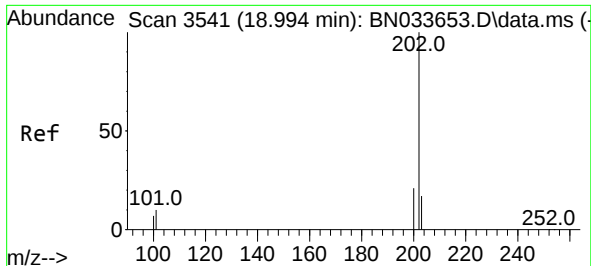
Tgt Ion:178 Resp: 16296
Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.7 15.7 23.5



#16
Anthracene
Concen: 0.348 ng/ul
RT: 17.054 min Scan# 3092
Delta R.T. -0.007 min
Lab File: BN033664.D
Acq: 29 Aug 2024 02:49

Tgt Ion:178 Resp: 14532
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 19.0 15.2 22.8

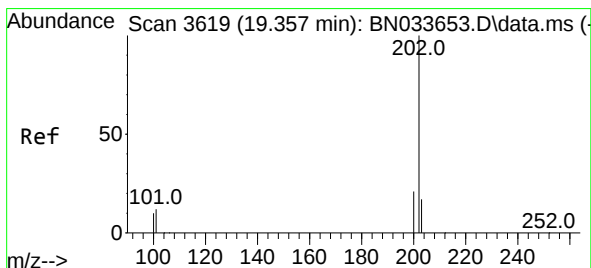
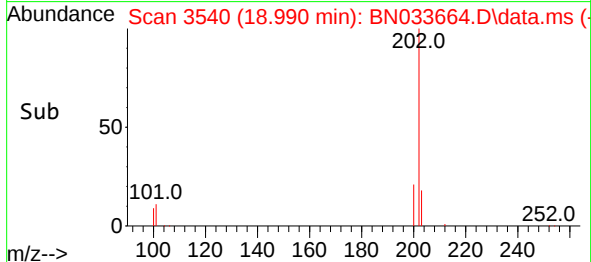
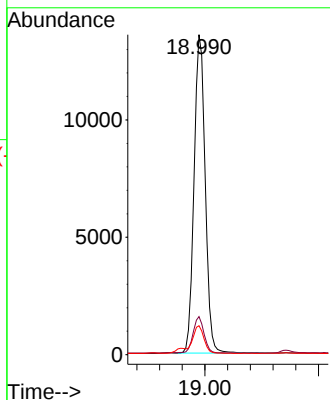
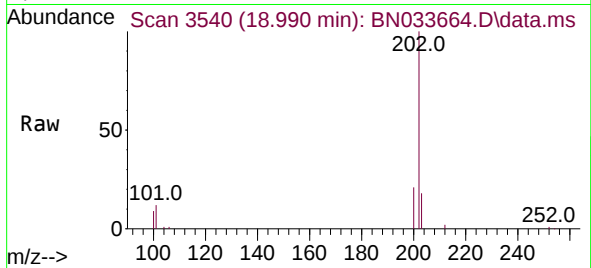




#19
Fluoranthene
Concen: 0.366 ng/ul
RT: 18.990 min Scan# 3540
Delta R.T. -0.008 min
Lab File: BN033664.D
Acq: 29 Aug 2024 02:49

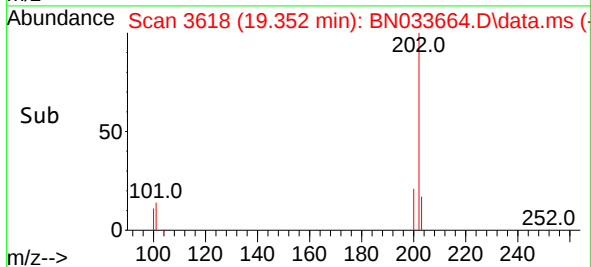
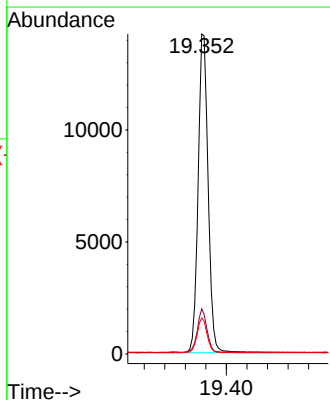
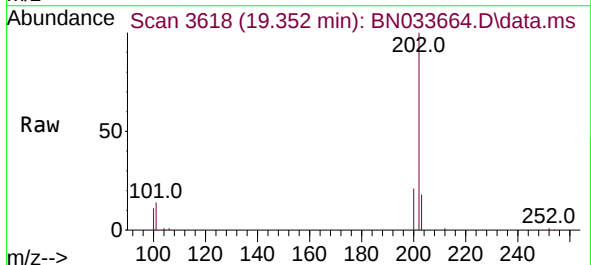
Instrument :
BNA_N
ClientSampleId :
SLCS960

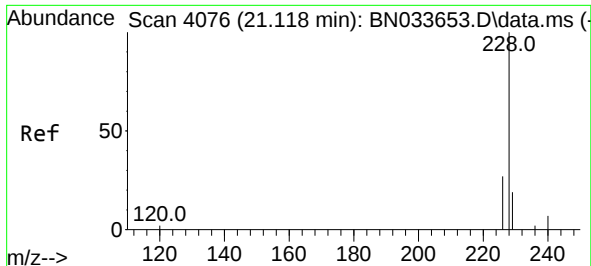
Tgt Ion:202 Resp: 18455
Ion Ratio Lower Upper
202 100
101 11.9 9.0 13.4
100 9.0 6.7 10.1



#20
Pyrene
Concen: 0.359 ng/ul
RT: 19.352 min Scan# 3618
Delta R.T. -0.008 min
Lab File: BN033664.D
Acq: 29 Aug 2024 02:49

Tgt Ion:202 Resp: 19193
Ion Ratio Lower Upper
202 100
101 14.1 10.8 16.2
100 11.3 8.7 13.1

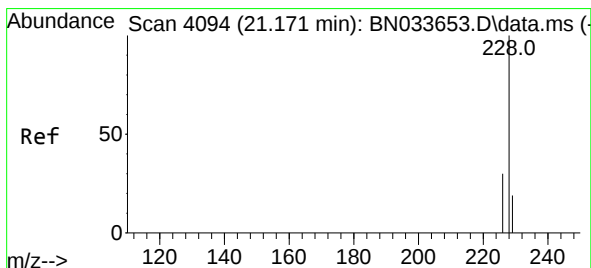
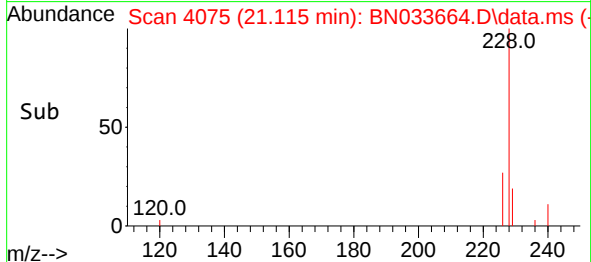
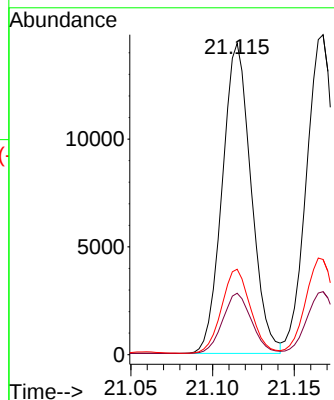
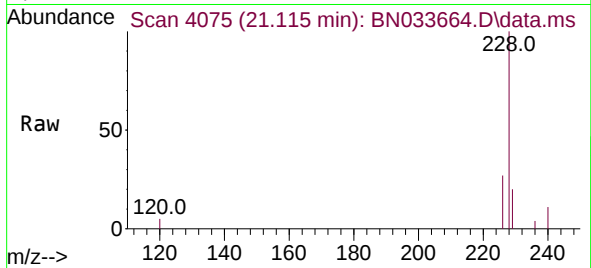




#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.115 min Scan# 4075
Delta R.T. -0.004 min
Lab File: BN033664.D
Acq: 29 Aug 2024 02:49

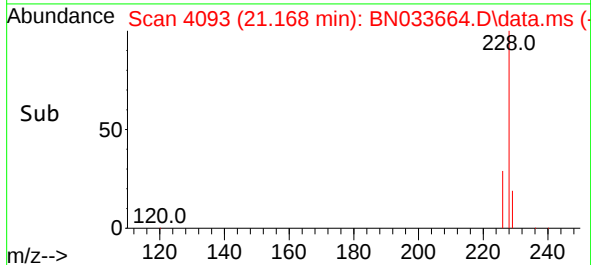
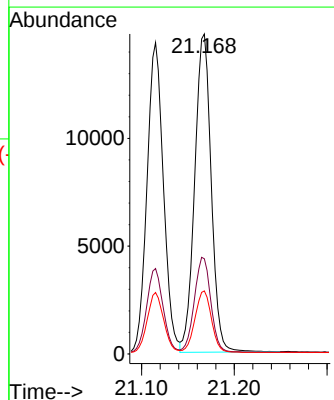
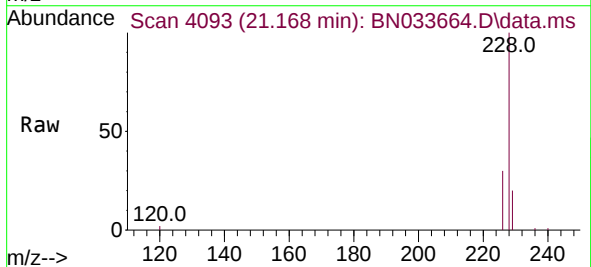
Instrument :
BNA_N
ClientSampleId :
SLCS960

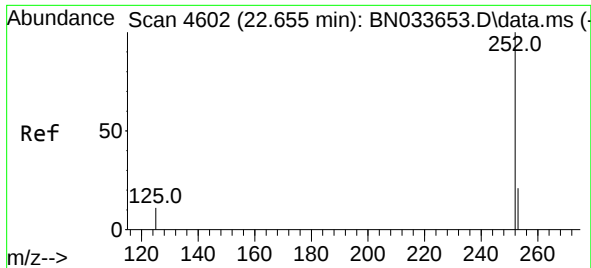
Tgt Ion:228 Resp: 17655
Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.2
226 27.4 22.1 33.1



#22
Chrysene
Concen: 0.359 ng/ul
RT: 21.168 min Scan# 4093
Delta R.T. -0.004 min
Lab File: BN033664.D
Acq: 29 Aug 2024 02:49

Tgt Ion:228 Resp: 18258
Ion Ratio Lower Upper
228 100
226 29.7 24.2 36.2
229 19.7 15.6 23.4

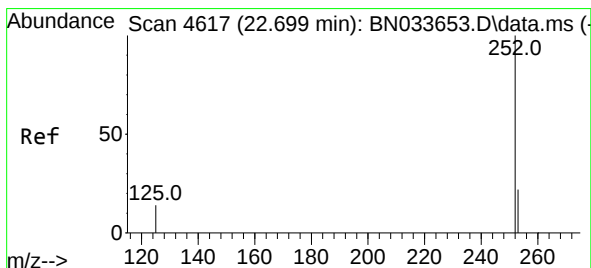
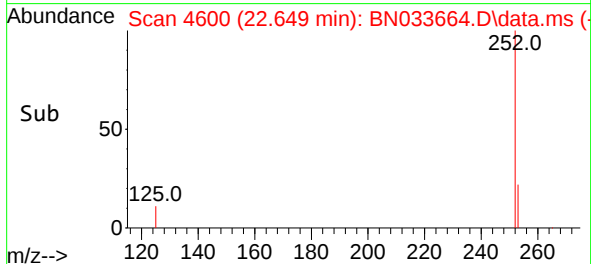
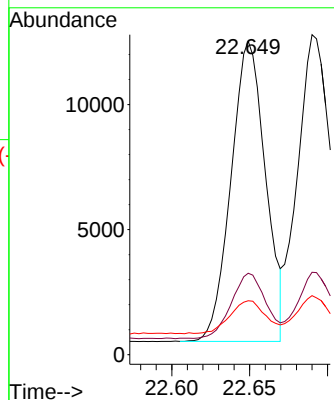
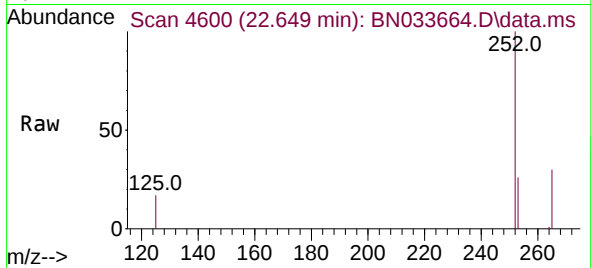




#24
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 22.649 min Scan# 4600
Delta R.T. -0.010 min
Lab File: BN033664.D
Acq: 29 Aug 2024 02:49

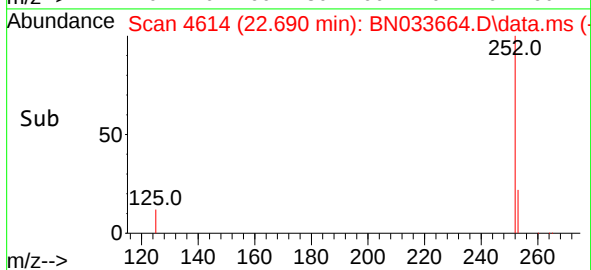
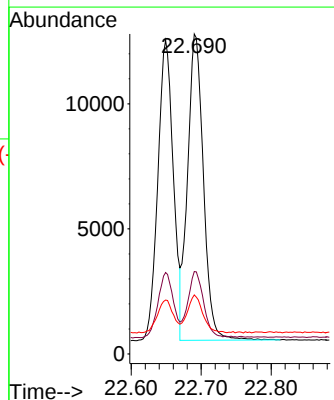
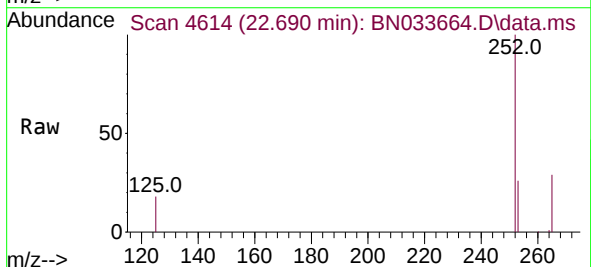
Instrument :
BNA_N
ClientSampleId :
SLCS960

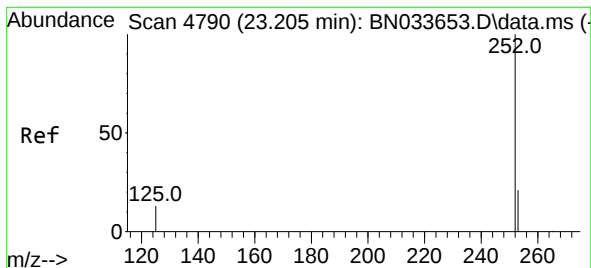
Tgt Ion:252 Resp: 18429
Ion Ratio Lower Upper
252 100
253 26.0 0.0 52.8
125 17.2 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.366 ng/ul
RT: 22.690 min Scan# 4614
Delta R.T. -0.010 min
Lab File: BN033664.D
Acq: 29 Aug 2024 02:49

Tgt Ion:252 Resp: 19242
Ion Ratio Lower Upper
252 100
253 25.7 21.4 32.0
125 18.4 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.397 ng/ul

RT: 23.196 min Scan# 4787

Delta R.T. -0.010 min

Lab File: BN033664.D

Acq: 29 Aug 2024 02:49

Instrument :

BNA_N

ClientSampleId :

SLCS960

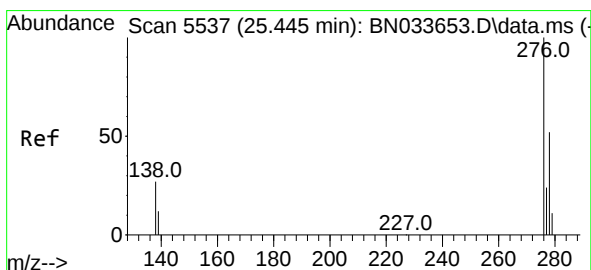
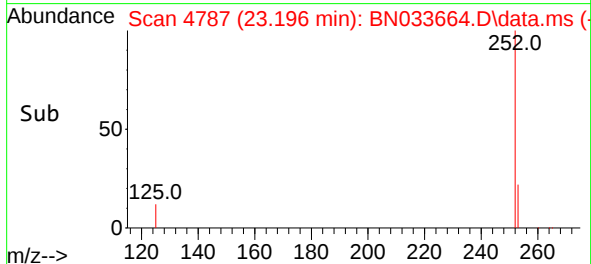
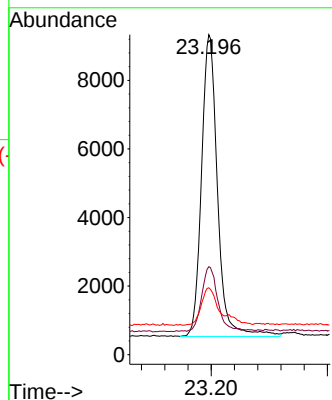
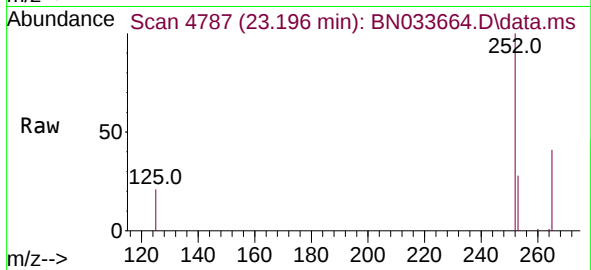
Tgt Ion:252 Resp: 16763

Ion Ratio Lower Upper

252 100

253 27.5 22.8 34.2

125 20.9 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.356 ng/ul

RT: 25.438 min Scan# 5535

Delta R.T. -0.012 min

Lab File: BN033664.D

Acq: 29 Aug 2024 02:49

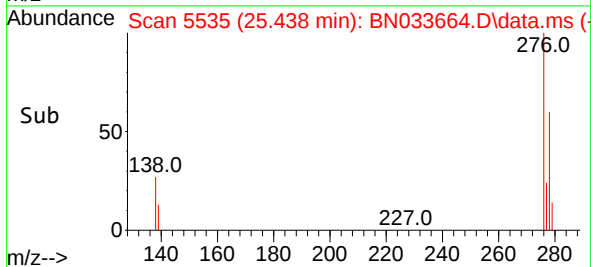
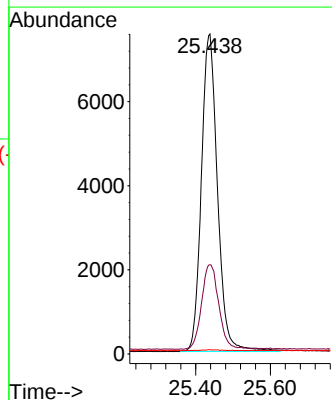
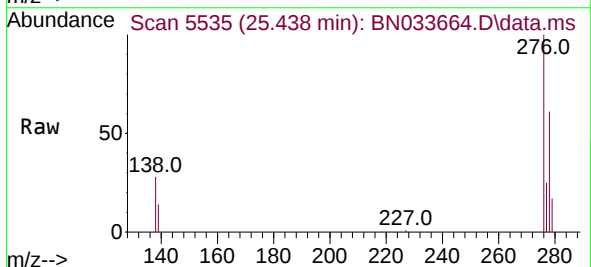
Tgt Ion:276 Resp: 22613

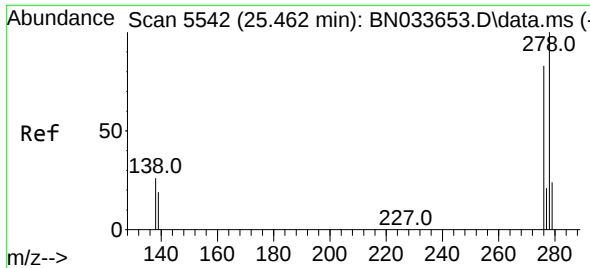
Ion Ratio Lower Upper

276 100

138 28.5 22.3 33.5

227 0.2 0.2 0.4

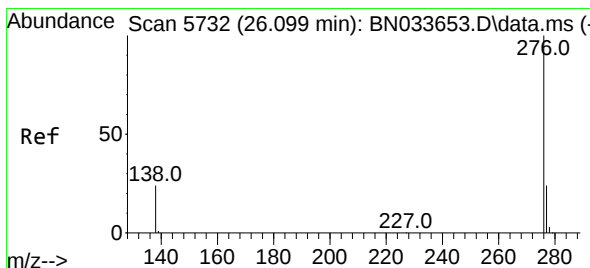
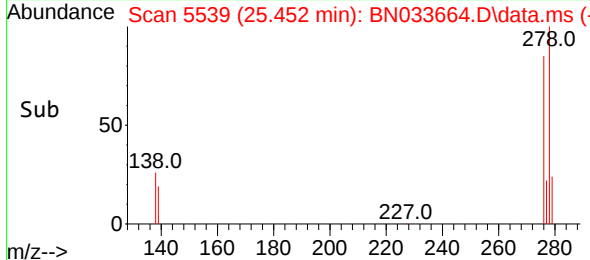
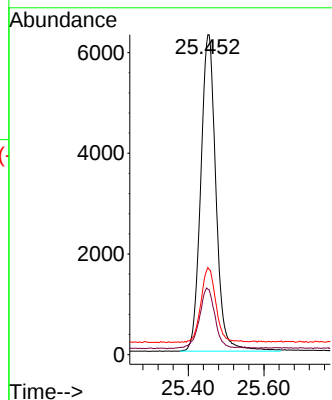
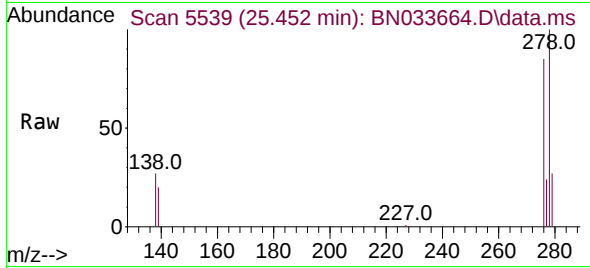




#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 25.452 min Scan# 51
Delta R.T. -0.012 min
Lab File: BN033664.D
Acq: 29 Aug 2024 02:49

Instrument :
BNA_N
ClientSampleId :
SLCS960

Tgt Ion:278 Resp: 17575
Ion Ratio Lower Upper
278 100
139 20.4 17.3 25.9
279 27.2 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.359 ng/ul
RT: 26.089 min Scan# 5729
Delta R.T. -0.009 min
Lab File: BN033664.D
Acq: 29 Aug 2024 02:49

Tgt Ion:276 Resp: 17805
Ion Ratio Lower Upper
276 100
138 25.8 20.8 31.2
277 25.1 20.2 30.4

