

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031524\
 Data File : BN030404.D
 Acq On : 14 Mar 2024 19:49
 Operator : MA/JU
 Sample : SST0.269
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.2245

Quant Time: Mar 15 00:56:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN031524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 15 00:54:55 2024
 Response via : Initial Calibration

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

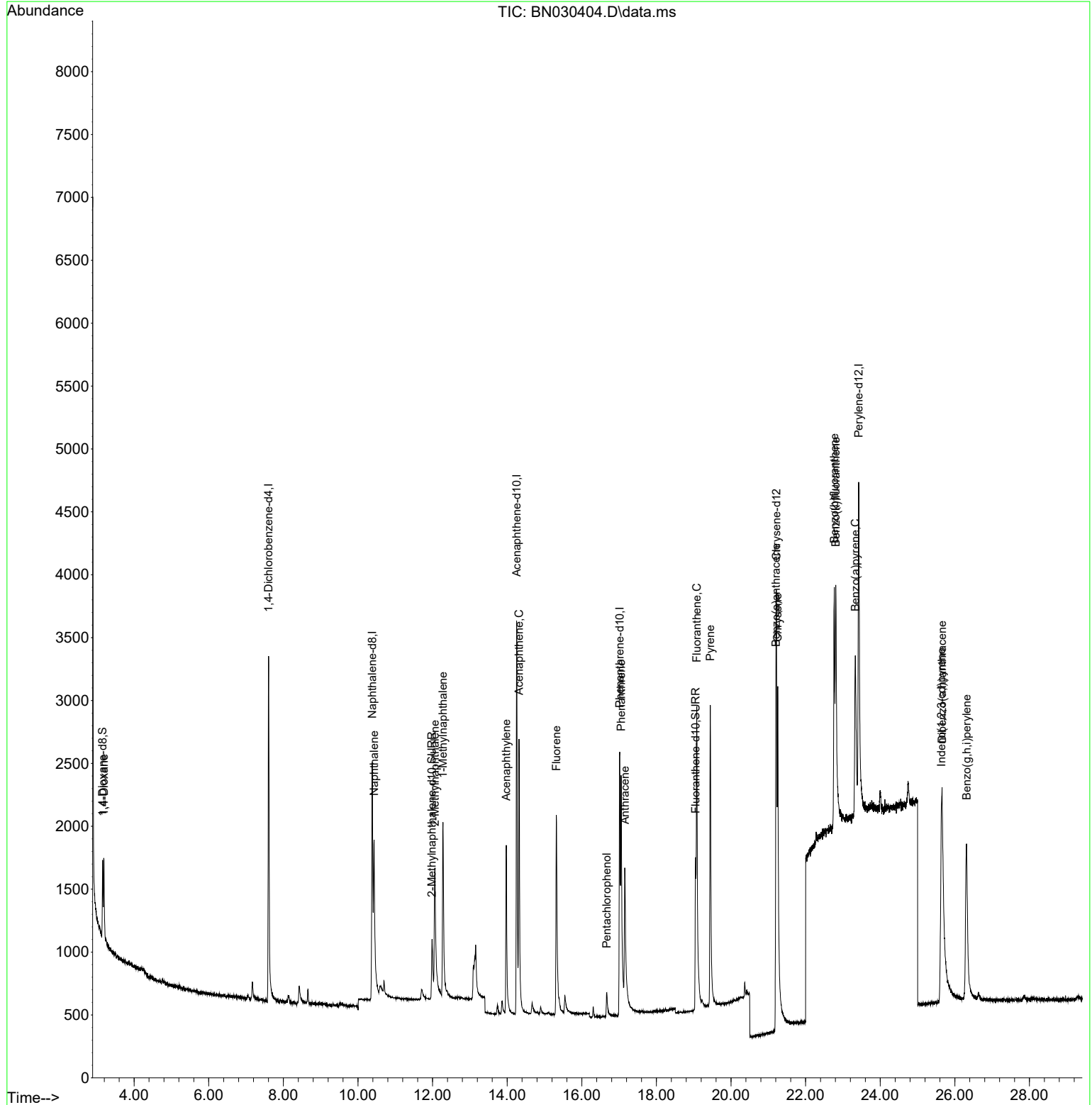
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1706	0.400	ng/ul	0.00
4) Naphthalene-d8	10.383	136	3952	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.254	164	2163	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.017	188	3960	0.400	ng/ul	0.00
17) Chrysene-d12	21.218	240	3652	0.400	ng/ul	0.00
23) Perylene-d12	23.422	264	4218	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.157	96	458	0.194	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.983	152	1015	0.199	ng/ul	0.00
18) Fluoranthene-d10	19.051	212	2274	0.191	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.191	88	531	0.207	ng/ul#	88
5) Naphthalene	10.432	128	2133	0.183	ng/ul	97
7) 2-Methylnaphthalene	12.066	142	1178	0.186	ng/ul#	100
8) 1-Methylnaphthalene	12.280	142	1280	0.191	ng/ul#	28
10) Acenaphthylene	13.976	152	2067	0.171	ng/ul	97
11) Acenaphthene	14.319	153	1519	0.171	ng/ul	98
12) Fluorene	15.318	166	1626	0.180	ng/ul	98
14) Pentachlorophenol	16.671	266	223	0.197	ng/ul#	100
15) Phenanthrene	17.055	178	2365	0.178	ng/ul	95
16) Anthracene	17.156	178	2157	0.185	ng/ul	95
19) Fluoranthene	19.083	202	2911	0.179	ng/ul#	95
20) Pyrene	19.446	202	3186	0.181	ng/ul	97
21) Benzo(a)anthracene	21.204	228	2426	0.188	ng/ul	96
22) Chrysene	21.253	228	2874	0.185	ng/ul	98
24) Benzo(b)fluoranthene	22.767	252	2743	0.169	ng/ul	79
25) Benzo(k)fluoranthene	22.811	252	3521	0.184	ng/ul#	78
26) Benzo(a)pyrene	23.331	252	2928	0.177	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	25.637	276	3952	0.187	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.658	278	3003	0.183	ng/ul#	72
29) Benzo(g,h,i)perylene	26.315	276	3602	0.184	ng/ul	93

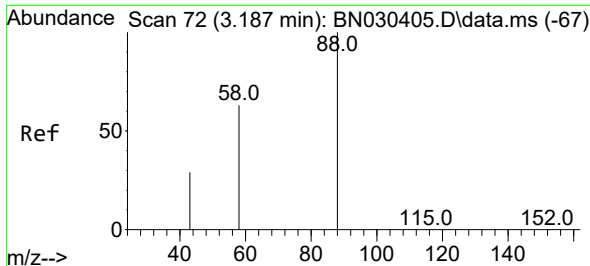
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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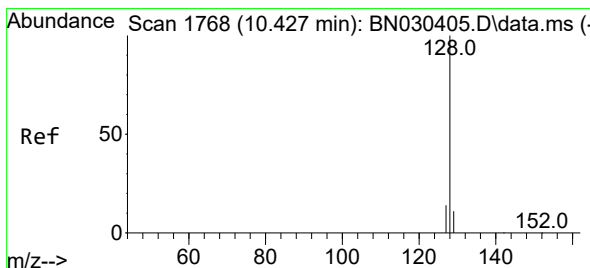
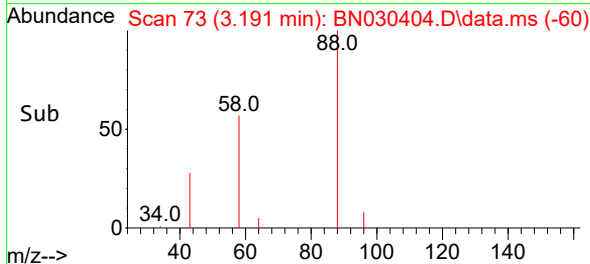
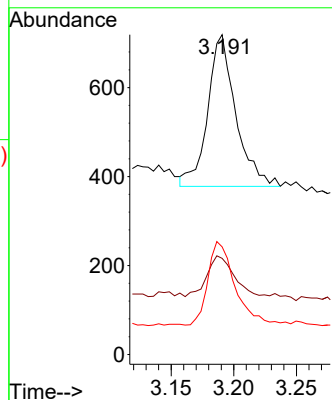
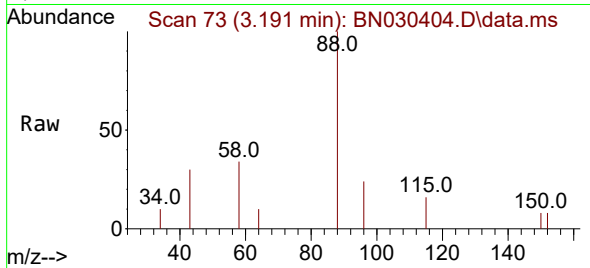




#2
 1,4-Dioxane
 Concen: 0.207 ng/ul
 RT: 3.191 min Scan# 71
 Delta R.T. 0.004 min
 Lab File: BN030404.D
 Acq: 14 Mar 2024 19:49

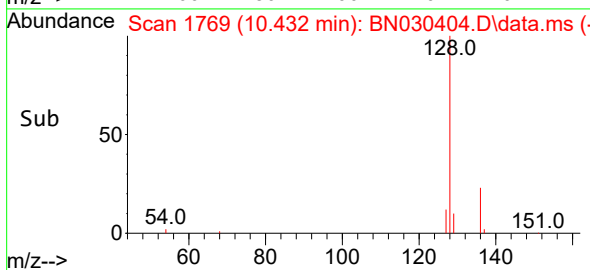
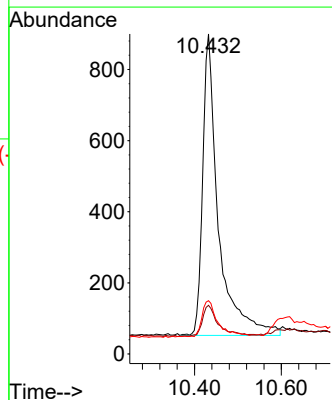
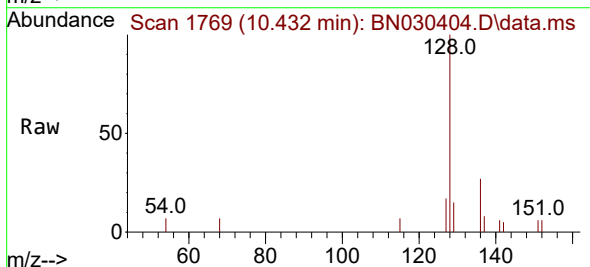
Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.2245

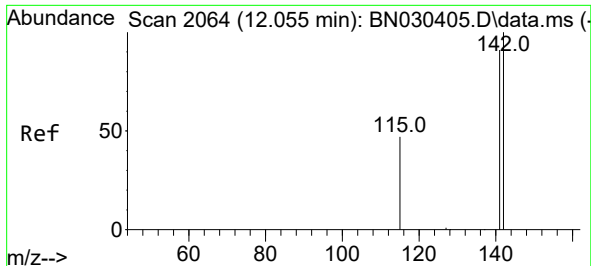
Tgt Ion: 88 Resp: 531
 Ion Ratio Lower Upper
 88 100
 43 30.0 24.7 37.1
 58 33.7 36.6 54.8#



#5
 Naphthalene
 Concen: 0.183 ng/ul
 RT: 10.432 min Scan# 1769
 Delta R.T. 0.005 min
 Lab File: BN030404.D
 Acq: 14 Mar 2024 19:49

Tgt Ion: 128 Resp: 2133
 Ion Ratio Lower Upper
 128 100
 129 15.2 10.5 15.7
 127 16.7 13.0 19.4

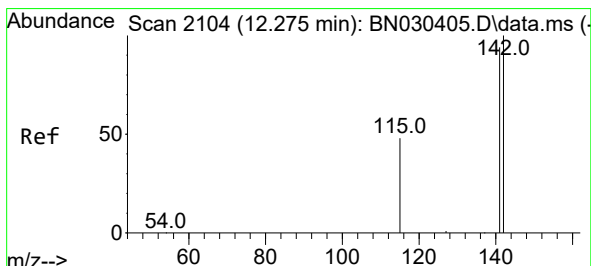
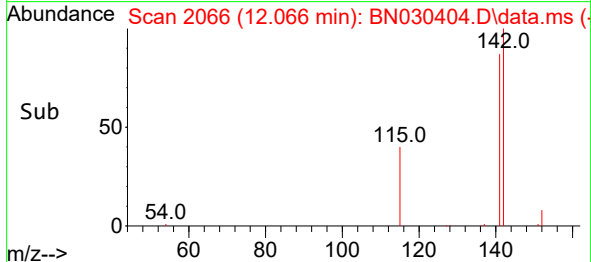
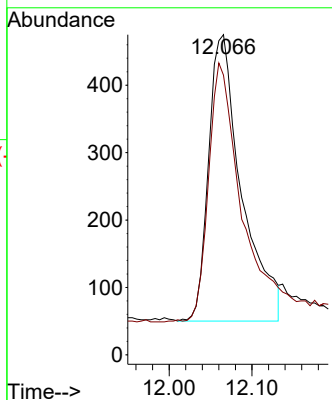
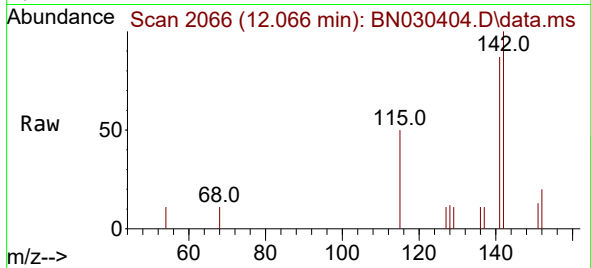




#7
2-Methylnaphthalene
Concen: 0.186 ng/ul
RT: 12.066 min Scan# 2066
Delta R.T. 0.011 min
Lab File: BN030404.D
Acq: 14 Mar 2024 19:49

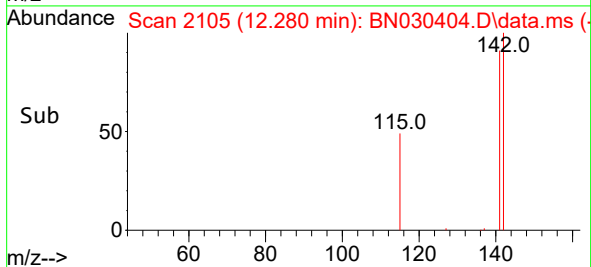
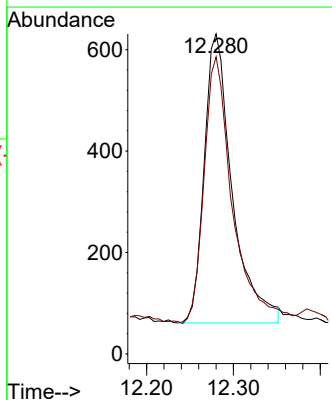
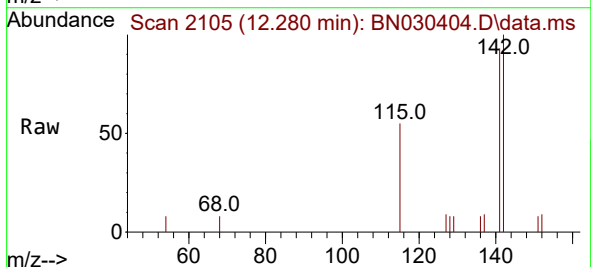
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

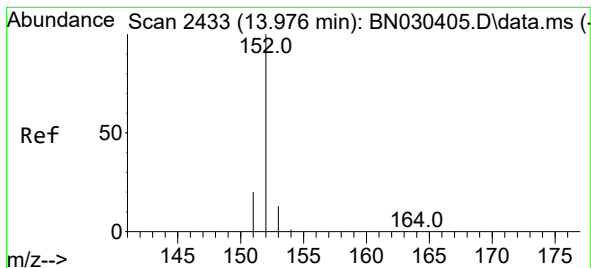
Tgt Ion:142 Resp: 1178
Ion Ratio Lower Upper
142 100
141 89.2 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 12.280 min Scan# 2105
Delta R.T. 0.005 min
Lab File: BN030404.D
Acq: 14 Mar 2024 19:49

Tgt Ion:142 Resp: 1280
Ion Ratio Lower Upper
142 100
141 92.8 0.2 0.2#





#10

Acenaphthylene

Concen: 0.171 ng/ul

RT: 13.976 min Scan# 2433

Delta R.T. -0.000 min

Lab File: BN030404.D

Acq: 14 Mar 2024 19:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.2245

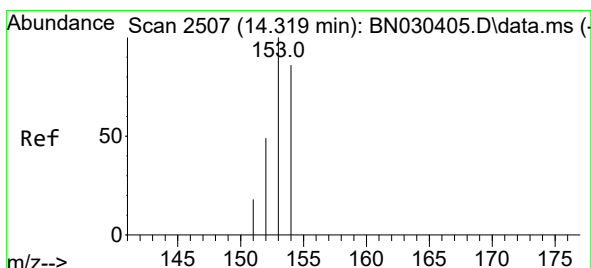
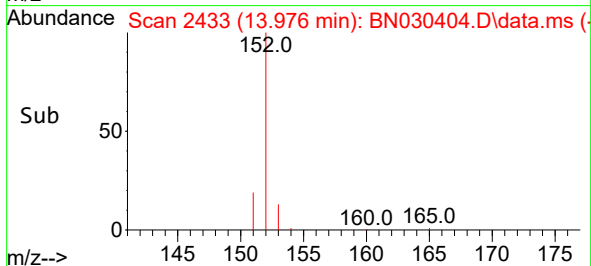
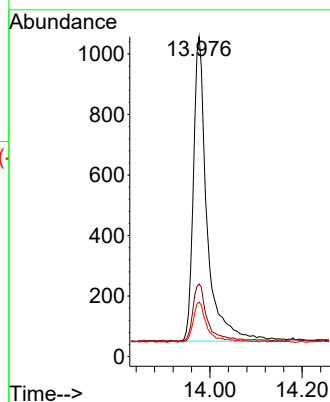
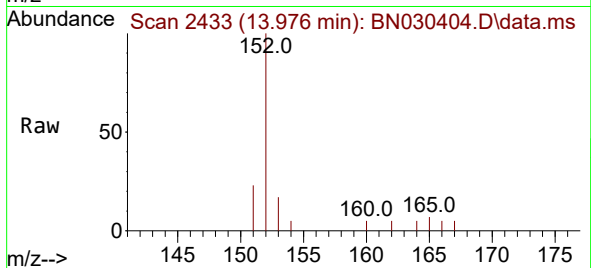
Tgt Ion:152 Resp: 2067

Ion Ratio Lower Upper

152 100

151 22.7 17.1 25.7

153 17.0 12.2 18.2



#11

Acenaphthene

Concen: 0.171 ng/ul

RT: 14.319 min Scan# 2507

Delta R.T. -0.000 min

Lab File: BN030404.D

Acq: 14 Mar 2024 19:49

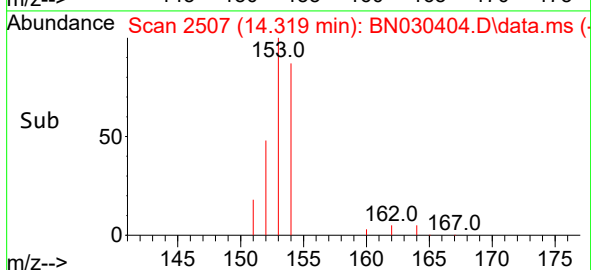
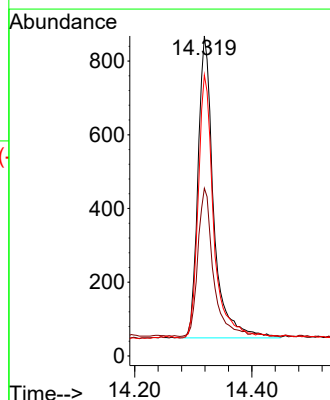
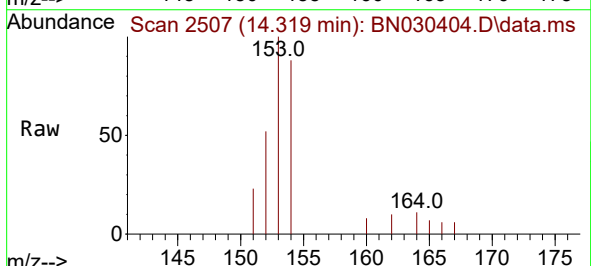
Tgt Ion:153 Resp: 1519

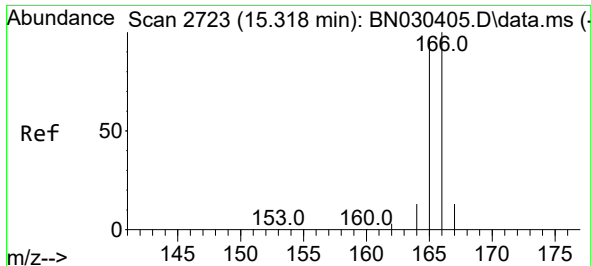
Ion Ratio Lower Upper

153 100

152 52.4 40.2 60.2

154 87.8 69.0 103.4

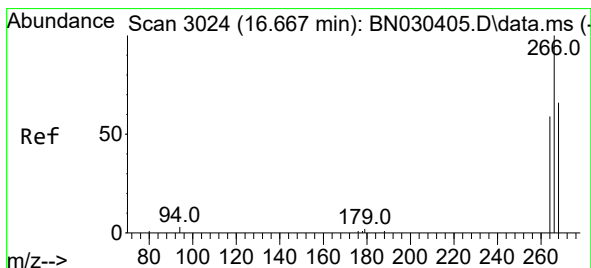
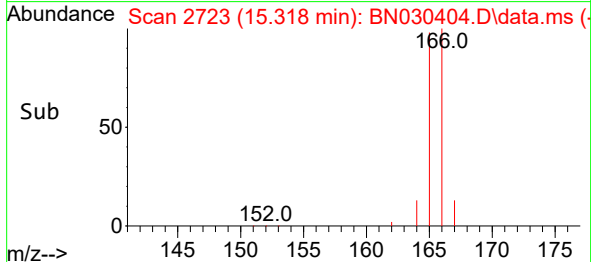
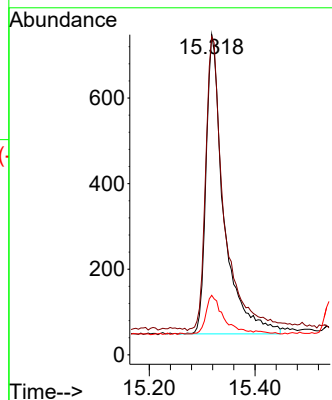
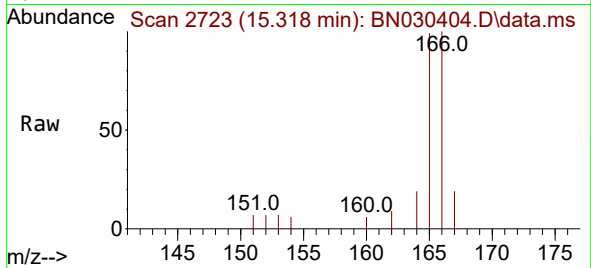




#12
Fluorene
Concen: 0.180 ng/ul
RT: 15.318 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN030404.D
Acq: 14 Mar 2024 19:49

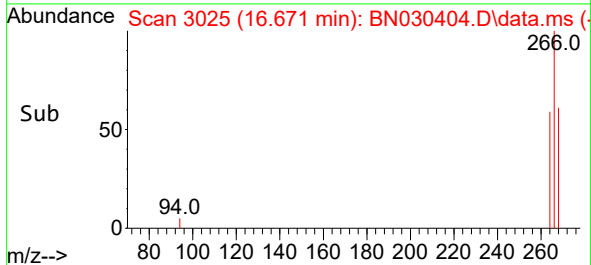
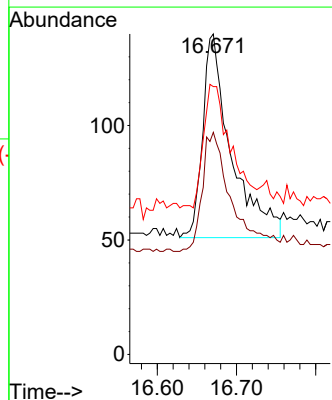
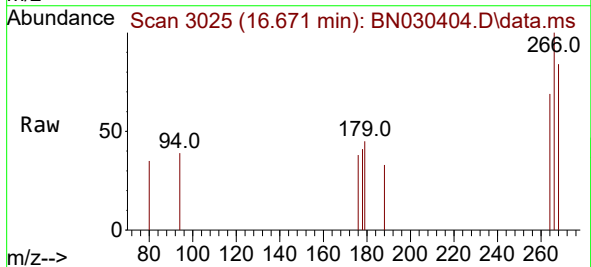
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

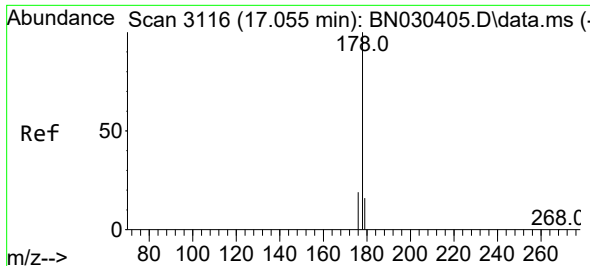
Tgt Ion:166 Resp: 1626
Ion Ratio Lower Upper
166 100
165 99.3 78.5 117.7
167 18.6 12.7 19.1



#14
Pentachlorophenol
Concen: 0.197 ng/ul
RT: 16.671 min Scan# 3025
Delta R.T. 0.004 min
Lab File: BN030404.D
Acq: 14 Mar 2024 19:49

Tgt Ion:266 Resp: 223
Ion Ratio Lower Upper
266 100
264 60.5 0.0 0.0#
268 60.5 0.0 0.0#

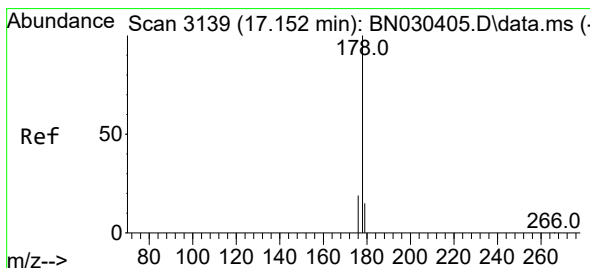
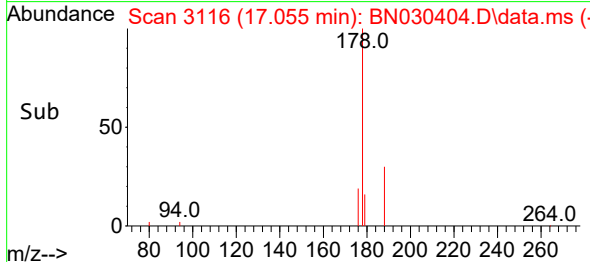
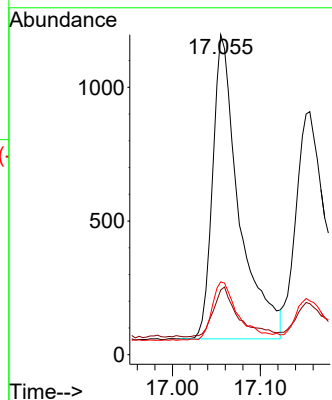
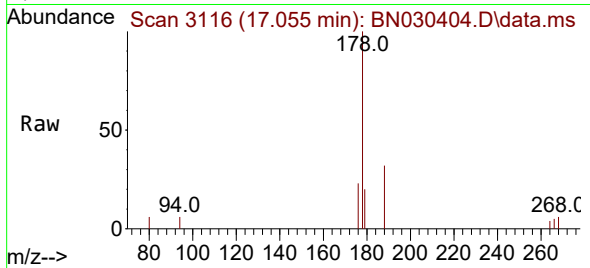




#15
Phenanthrene
Concen: 0.178 ng/ul
RT: 17.055 min Scan# 3116
Delta R.T. -0.000 min
Lab File: BN030404.D
Acq: 14 Mar 2024 19:49

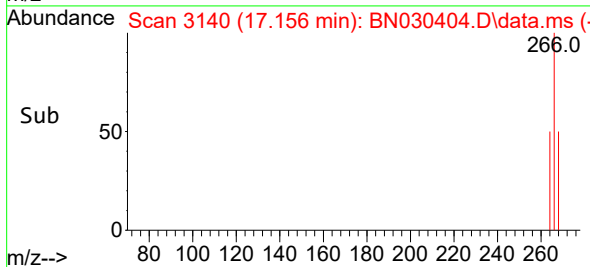
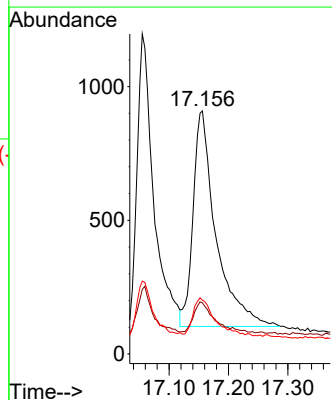
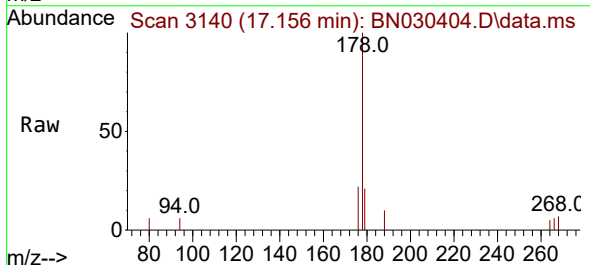
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

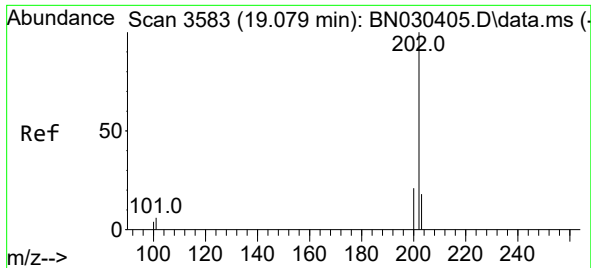
Tgt Ion:	178	Resp:	2365
Ion Ratio	Lower	Upper	
178	100		
179	20.2	14.2	21.4
176	22.7	16.8	25.2



#16
Anthracene
Concen: 0.185 ng/ul
RT: 17.156 min Scan# 3140
Delta R.T. 0.004 min
Lab File: BN030404.D
Acq: 14 Mar 2024 19:49

Tgt Ion:	178	Resp:	2157
Ion Ratio	Lower	Upper	
178	100		
179	21.0	14.4	21.6
176	22.1	16.5	24.7

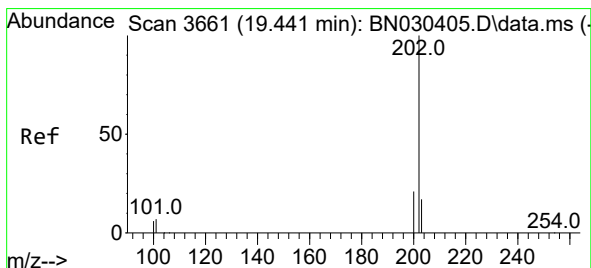
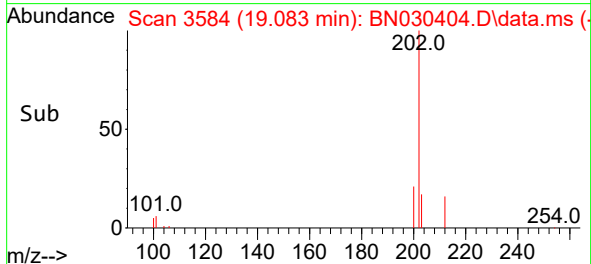
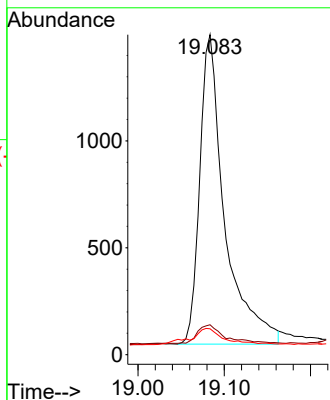
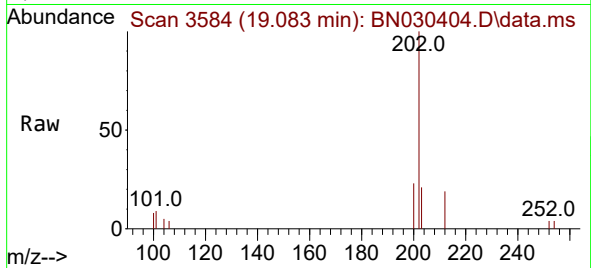




#19
Fluoranthene
Concen: 0.179 ng/ul
RT: 19.083 min Scan# 3584
Delta R.T. 0.005 min
Lab File: BN030404.D
Acq: 14 Mar 2024 19:49

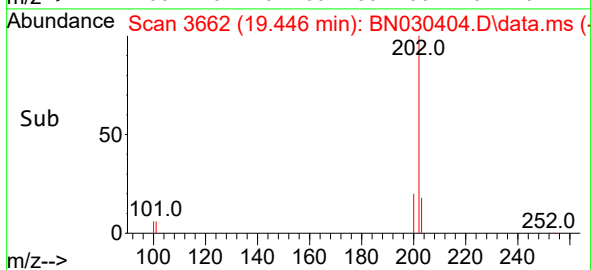
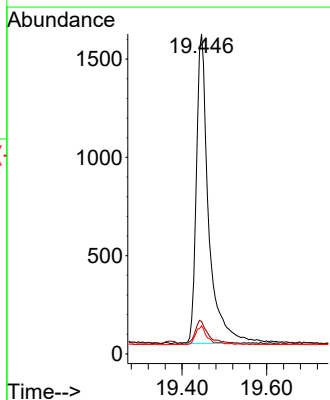
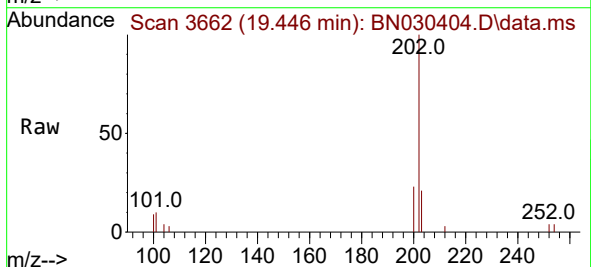
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SSTD0.2245

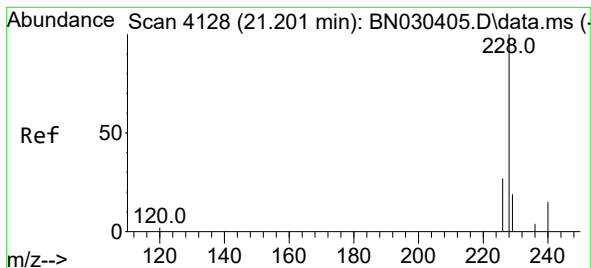
Tgt Ion:202 Resp: 2911
Ion Ratio Lower Upper
202 100
101 9.4 5.8 8.8#
100 8.1 5.2 7.8#



#20
Pyrene
Concen: 0.181 ng/ul
RT: 19.446 min Scan# 3662
Delta R.T. 0.005 min
Lab File: BN030404.D
Acq: 14 Mar 2024 19:49

Tgt Ion:202 Resp: 3186
Ion Ratio Lower Upper
202 100
101 10.1 7.0 10.6
100 8.7 6.2 9.4





#21

Benzo(a)anthracene

Concen: 0.188 ng/ul

RT: 21.204 min Scan# 4128

Delta R.T. 0.003 min

Lab File: BN030404.D

Acq: 14 Mar 2024 19:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.2245

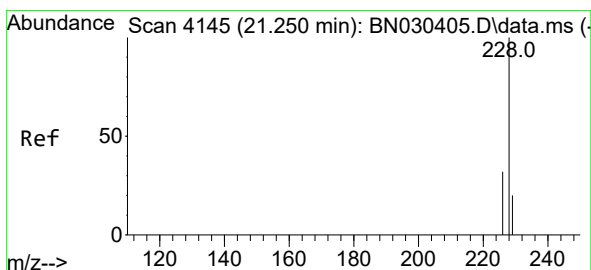
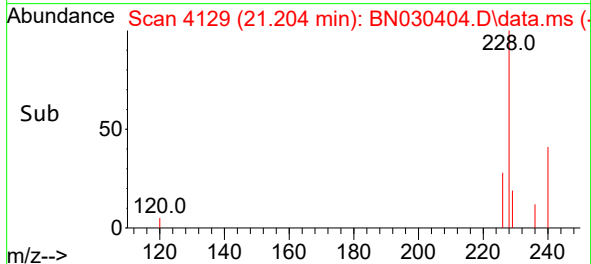
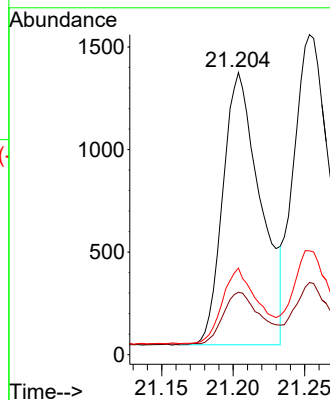
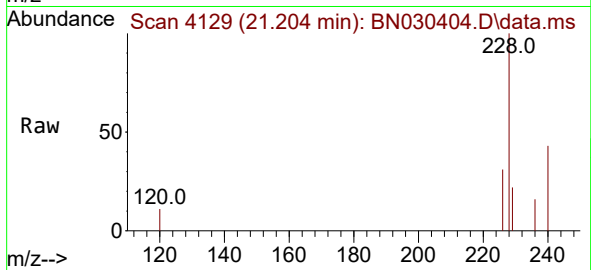
Tgt Ion:228 Resp: 2426

Ion Ratio Lower Upper

228 100

229 22.1 16.4 24.6

226 30.7 22.7 34.1



#22

Chrysene

Concen: 0.185 ng/ul

RT: 21.253 min Scan# 4146

Delta R.T. 0.003 min

Lab File: BN030404.D

Acq: 14 Mar 2024 19:49

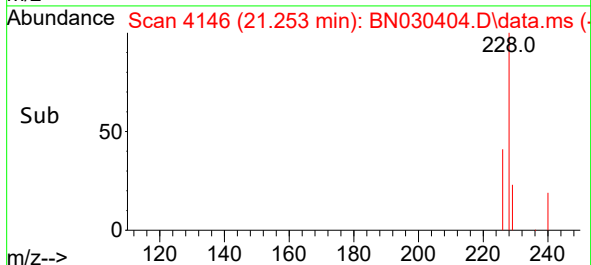
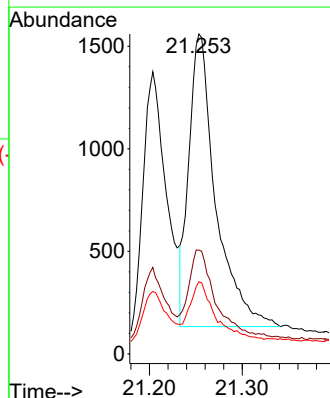
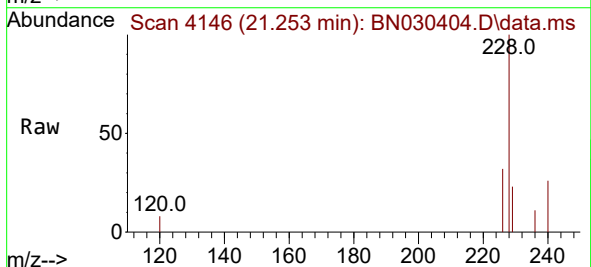
Tgt Ion:228 Resp: 2874

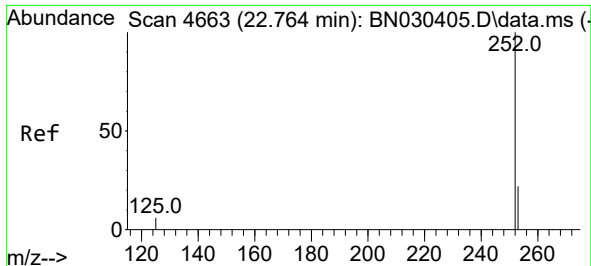
Ion Ratio Lower Upper

228 100

226 32.4 25.6 38.4

229 22.6 16.6 25.0

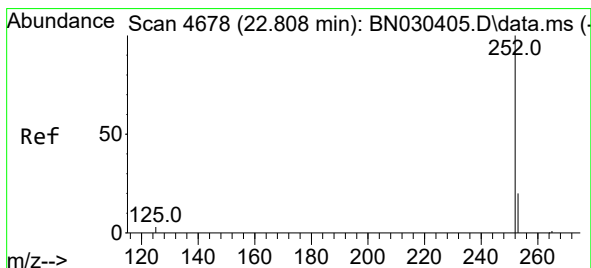
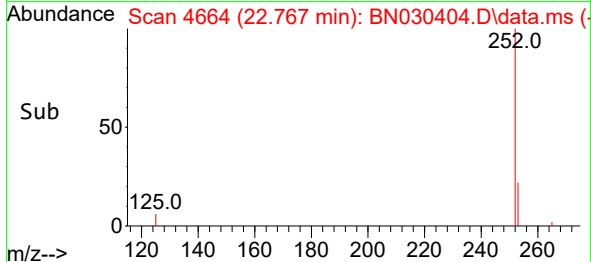
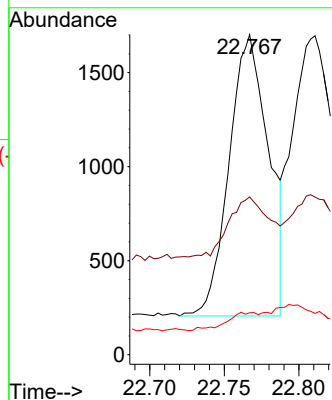
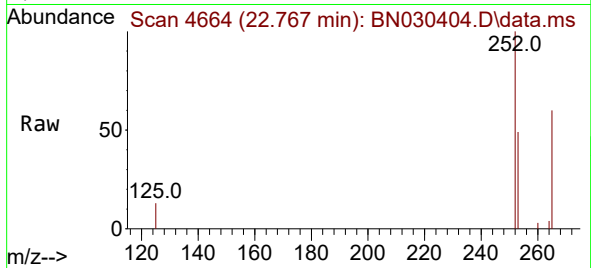




#24
Benzo(b)fluoranthene
Concen: 0.169 ng/ul
RT: 22.767 min Scan# 4664
Delta R.T. 0.003 min
Lab File: BN030404.D
Acq: 14 Mar 2024 19:49

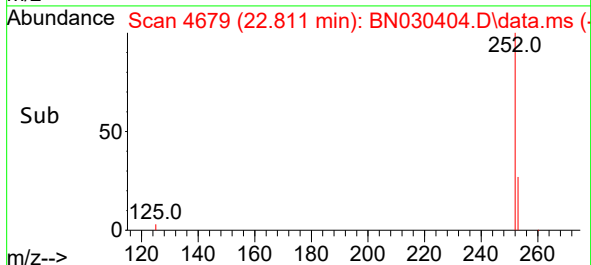
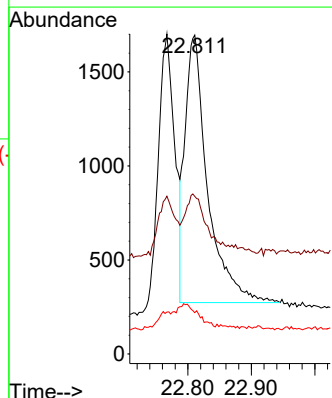
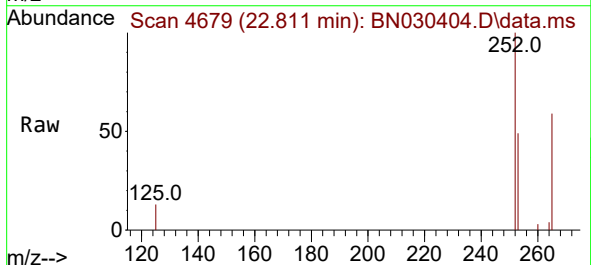
Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

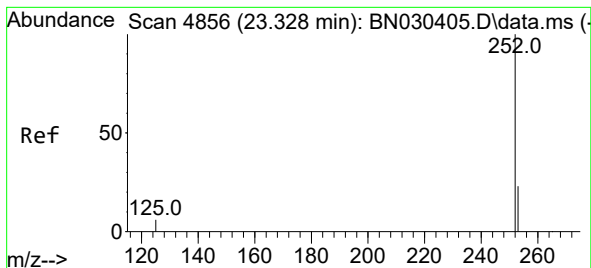
Tgt Ion:252 Resp: 2743
Ion Ratio Lower Upper
252 100
253 49.3 0.0 71.4
125 13.1 0.0 18.6



#25
Benzo(k)fluoranthene
Concen: 0.184 ng/ul
RT: 22.811 min Scan# 4679
Delta R.T. 0.003 min
Lab File: BN030404.D
Acq: 14 Mar 2024 19:49

Tgt Ion:252 Resp: 3521
Ion Ratio Lower Upper
252 100
253 49.4 27.7 41.5#
125 13.0 8.0 12.0#





#26

Benzo(a)pyrene

Concen: 0.177 ng/ul

RT: 23.331 min Scan# 4857

Delta R.T. 0.003 min

Lab File: BN030404.D

Acq: 14 Mar 2024 19:49

Instrument :

BNA_N

ClientSampleId :

SSTD0.2245

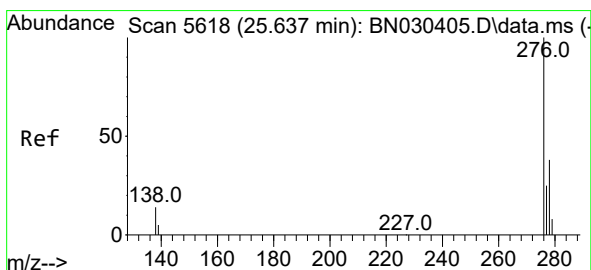
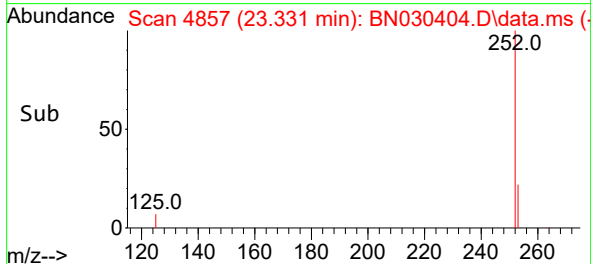
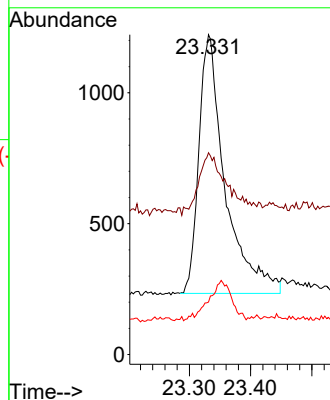
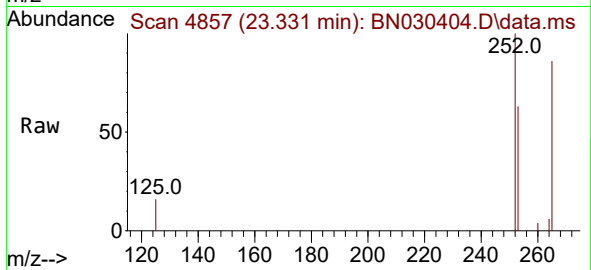
Tgt Ion:252 Resp: 2928

Ion Ratio Lower Upper

252 100

253 63.1 34.4 51.6#

125 16.4 9.0 13.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.187 ng/ul

RT: 25.637 min Scan# 5618

Delta R.T. -0.000 min

Lab File: BN030404.D

Acq: 14 Mar 2024 19:49

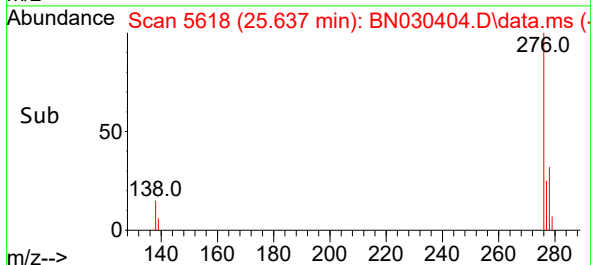
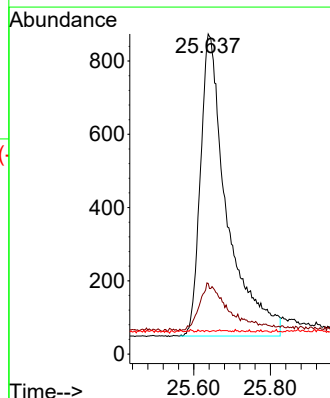
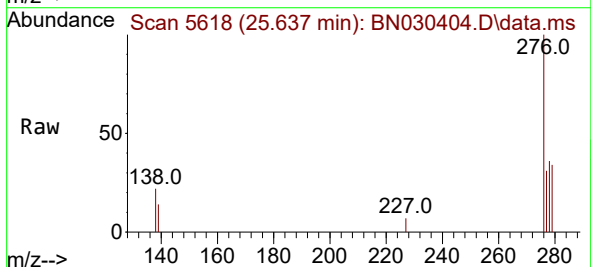
Tgt Ion:276 Resp: 3952

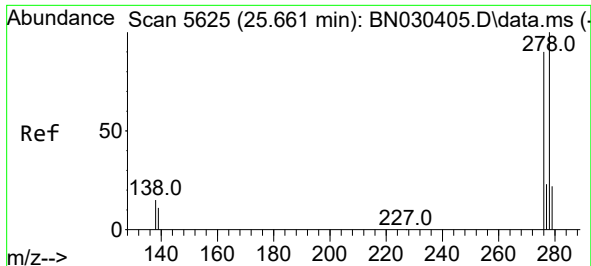
Ion Ratio Lower Upper

276 100

138 17.6 9.8 14.6#

227 0.1 0.0 0.0#

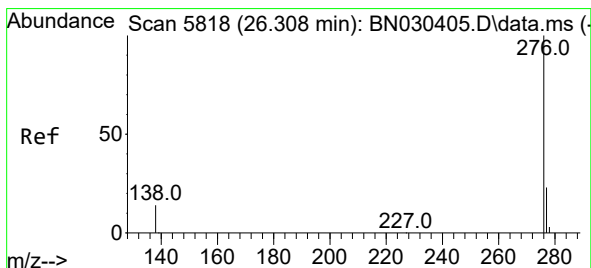
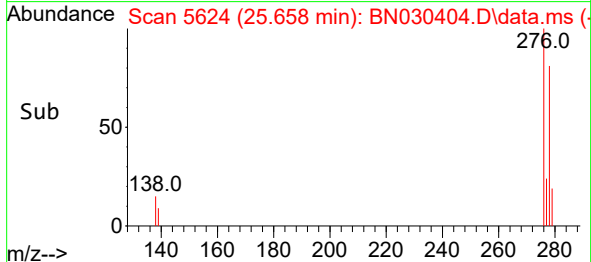
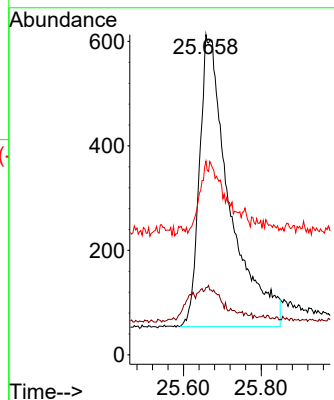
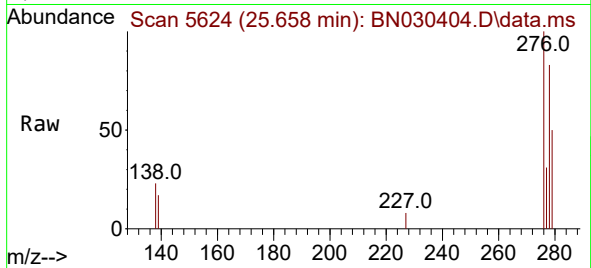




#28
Dibenzo(a,h)anthracene
Concen: 0.183 ng/ul
RT: 25.658 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN030404.D
Acq: 14 Mar 2024 19:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.2245

Tgt Ion:278 Resp: 3003
Ion Ratio Lower Upper
278 100
139 21.0 12.2 18.2#
279 60.5 31.8 47.6#



#29
Benzo(g,h,i)perylene
Concen: 0.184 ng/ul
RT: 26.315 min Scan# 5820
Delta R.T. 0.007 min
Lab File: BN030404.D
Acq: 14 Mar 2024 19:49

Tgt Ion:276 Resp: 3602
Ion Ratio Lower Upper
276 100
138 20.0 13.4 20.2
277 28.9 20.6 31.0

