

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031524\
 Data File : BN030407.D
 Acq On : 14 Mar 2024 21:37
 Operator : MA/JU
 Sample : SSTD1.672
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6248

Quant Time: Mar 15 00:57:33 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

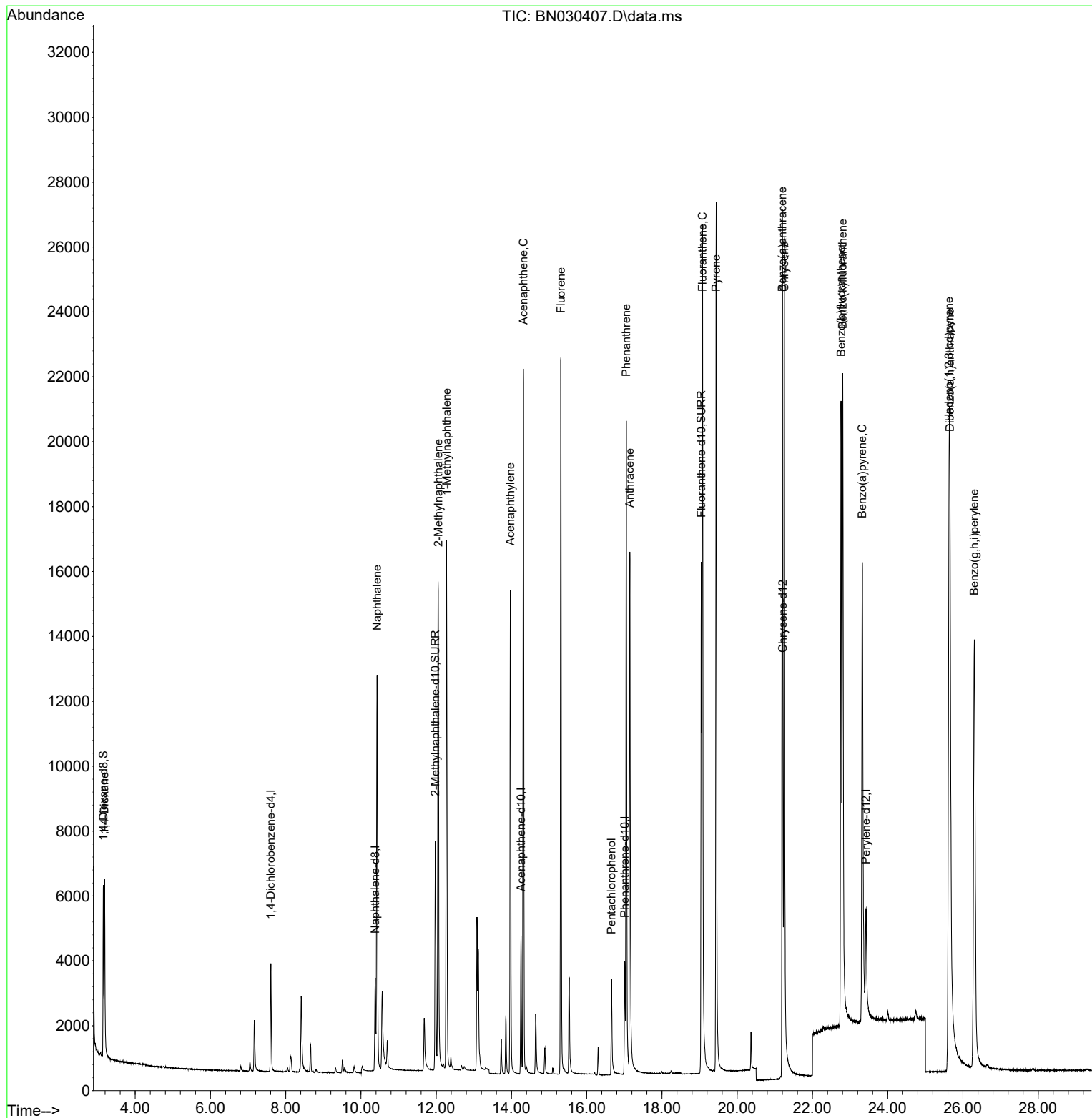
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1897	0.400	ng/ul	0.00
4) Naphthalene-d8	10.377	136	4227	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.254	164	2419	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	4964	0.400	ng/ul	0.00
17) Chrysene-d12	21.212	240	4324	0.400	ng/ul	0.00
23) Perylene-d12	23.425	264	4862	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	3495	1.331	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.978	152	10180	1.863	ng/ul	0.00
18) Fluoranthene-d10	19.046	212	20854	1.480	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.182	88	3765	1.321	ng/ul#	90
5) Naphthalene	10.427	128	17837	1.430	ng/ul	94
7) 2-Methylnaphthalene	12.055	142	11588	1.714	ng/ul#	100
8) 1-Methylnaphthalene	12.275	142	11690	1.631	ng/ul#	28
10) Acenaphthylene	13.972	152	18287	1.352	ng/ul	97
11) Acenaphthene	14.314	153	13193	1.329	ng/ul	99
12) Fluorene	15.313	166	15129	1.497	ng/ul	99
14) Pentachlorophenol	16.658	266	2362	1.668	ng/ul#	100
15) Phenanthrene	17.051	178	22847	1.373	ng/ul	96
16) Anthracene	17.144	178	21387	1.460	ng/ul	96
19) Fluoranthene	19.079	202	27040	1.408	ng/ul#	96
20) Pyrene	19.441	202	27905	1.336	ng/ul	96
21) Benzo(a)anthracene	21.198	228	24180	1.582	ng/ul	98
22) Chrysene	21.250	228	26151	1.424	ng/ul	97
24) Benzo(b)fluoranthene	22.761	252	26713	1.425	ng/ul	83
25) Benzo(k)fluoranthene	22.805	252	31028	1.403	ng/ul#	84
26) Benzo(a)pyrene	23.325	252	27052	1.417	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.631	276	36483	1.497	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.654	278	28536	1.512	ng/ul#	82
29) Benzo(g,h,i)perylene	26.302	276	31795	1.406	ng/ul	96

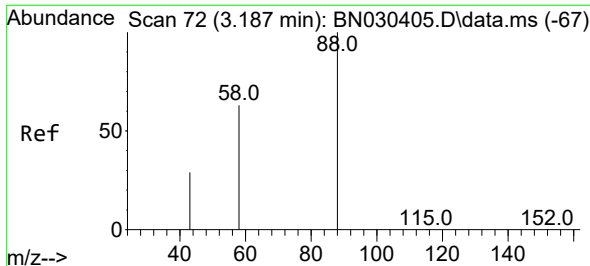
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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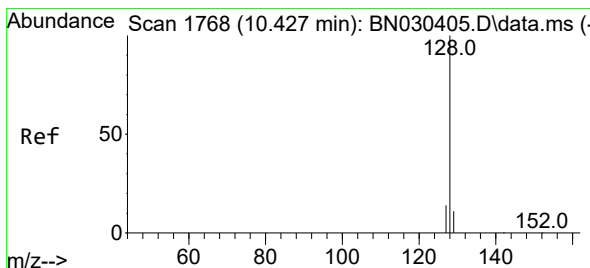
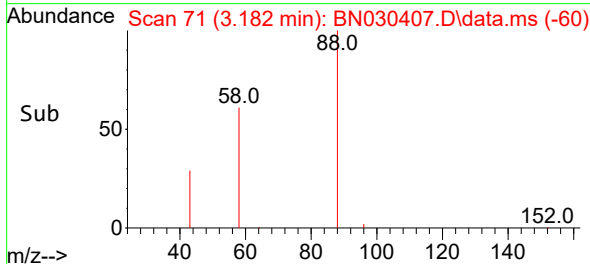
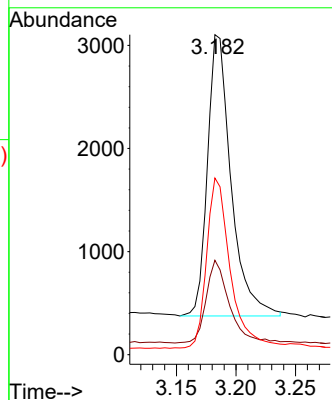
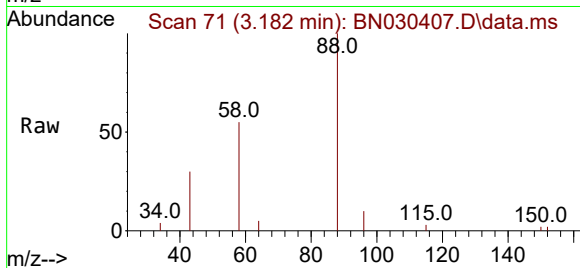




#2
1,4-Dioxane
Concen: 1.321 ng/ul
RT: 3.182 min Scan# 71
Delta R.T. -0.004 min
Lab File: BN030407.D
Acq: 14 Mar 2024 21:37

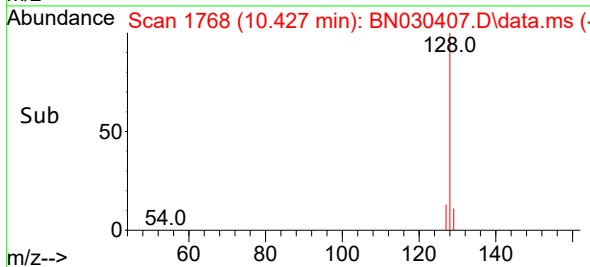
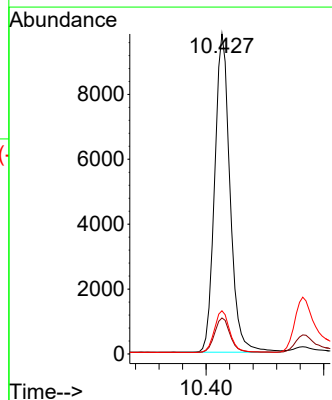
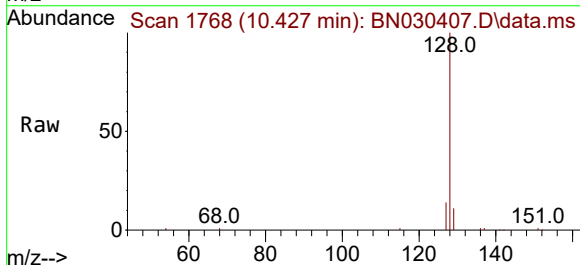
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

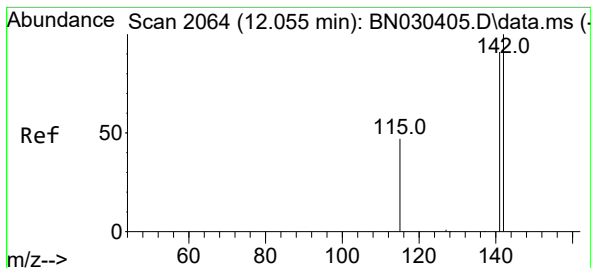
Tgt Ion: 88 Resp: 3765
Ion Ratio Lower Upper
88 100
43 29.5 24.7 37.1
58 55.2 36.6 54.8#



#5
Naphthalene
Concen: 1.430 ng/ul
RT: 10.427 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN030407.D
Acq: 14 Mar 2024 21:37

Tgt Ion:128 Resp: 17837
Ion Ratio Lower Upper
128 100
129 11.2 10.5 15.7
127 13.5 13.0 19.4





#7

2-Methylnaphthalene

Concen: 1.714 ng/ul

RT: 12.055 min Scan# 2064

Delta R.T. 0.000 min

Lab File: BN030407.D

Acq: 14 Mar 2024 21:37

Instrument :

BNA_N

ClientSampleId :

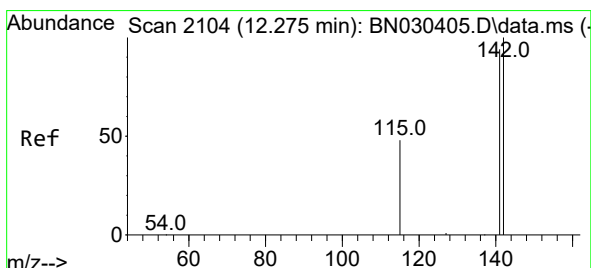
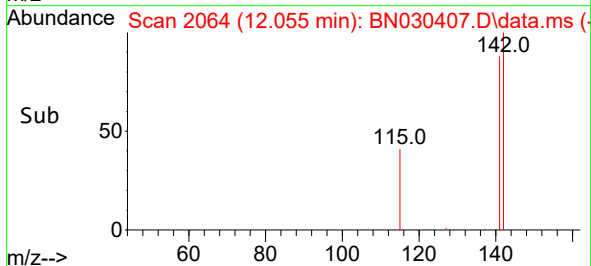
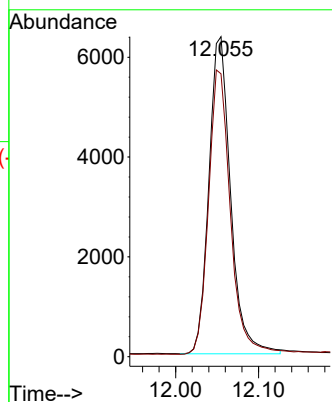
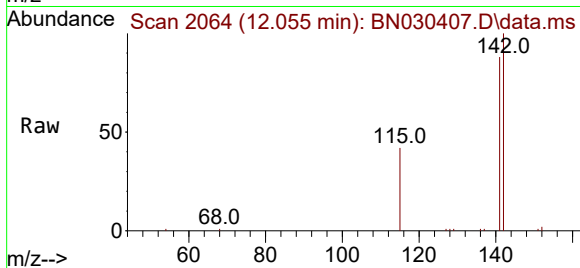
SSTD1.6248

Tgt Ion:142 Resp: 11588

Ion Ratio Lower Upper

142 100

141 90.0 0.0 0.0#



#8

1-Methylnaphthalene

Concen: 1.631 ng/ul

RT: 12.275 min Scan# 2104

Delta R.T. 0.000 min

Lab File: BN030407.D

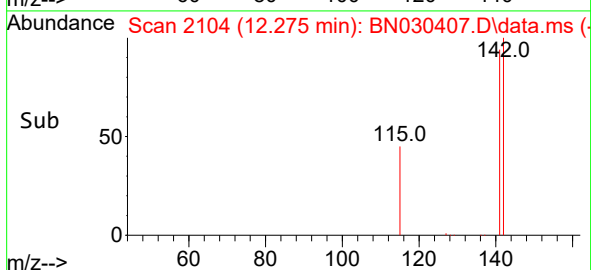
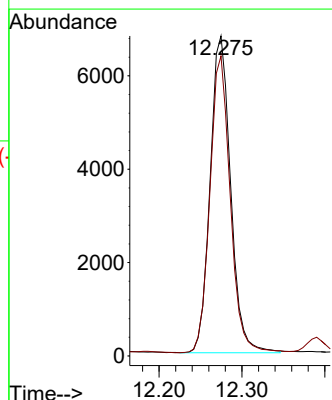
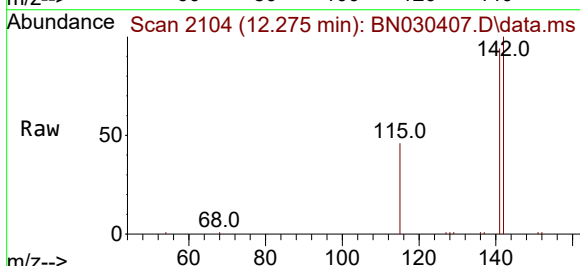
Acq: 14 Mar 2024 21:37

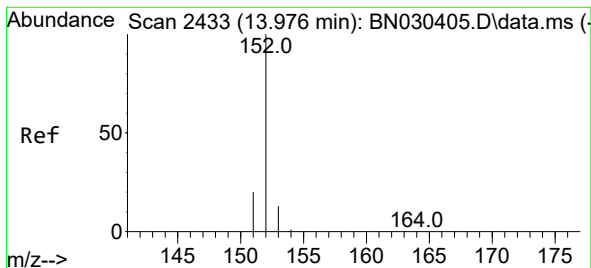
Tgt Ion:142 Resp: 11690

Ion Ratio Lower Upper

142 100

141 92.7 0.2 0.2#





#10

Acenaphthylene

Concen: 1.352 ng/ul

RT: 13.972 min Scan# 2433

Delta R.T. -0.005 min

Lab File: BN030407.D

Acq: 14 Mar 2024 21:37

Instrument :

BNA_N

ClientSampleId :

SSTD1.6248

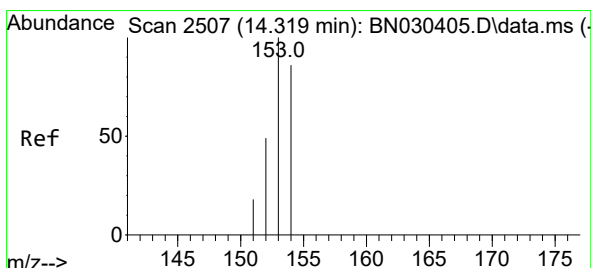
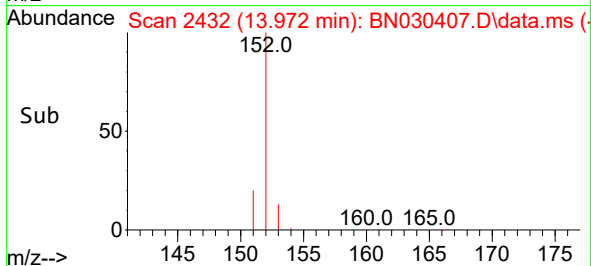
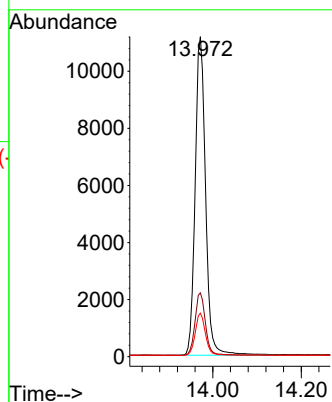
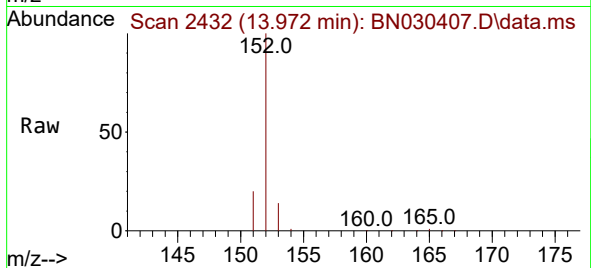
Tgt Ion:152 Resp: 18287

Ion Ratio Lower Upper

152 100

151 20.0 17.1 25.7

153 13.6 12.2 18.2



#11

Acenaphthene

Concen: 1.329 ng/ul

RT: 14.314 min Scan# 2506

Delta R.T. -0.005 min

Lab File: BN030407.D

Acq: 14 Mar 2024 21:37

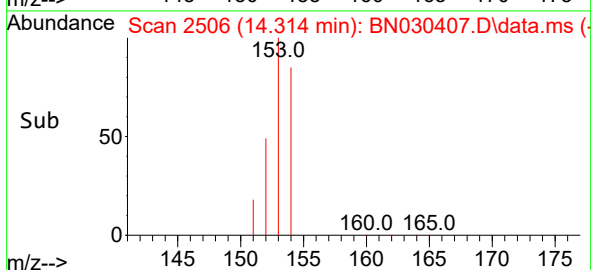
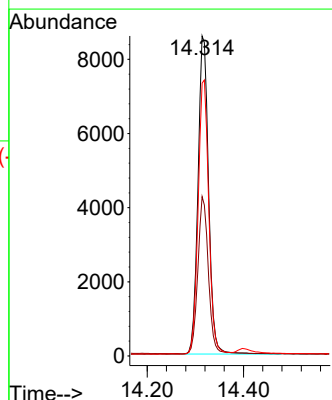
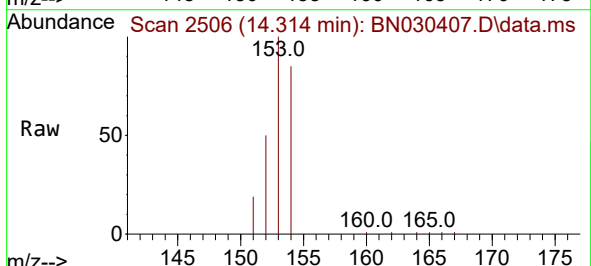
Tgt Ion:153 Resp: 13193

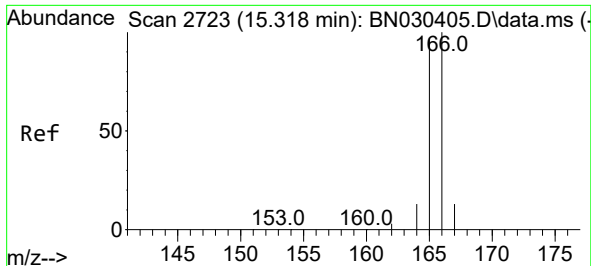
Ion Ratio Lower Upper

153 100

152 49.8 40.2 60.2

154 85.2 69.0 103.4

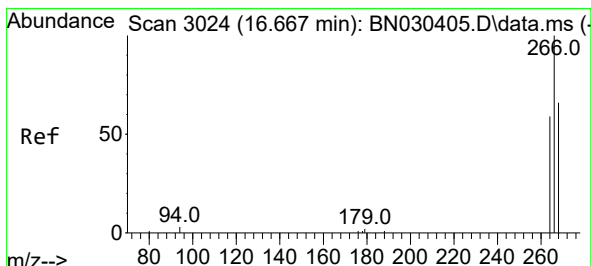
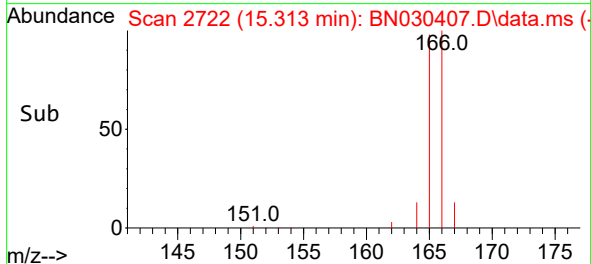
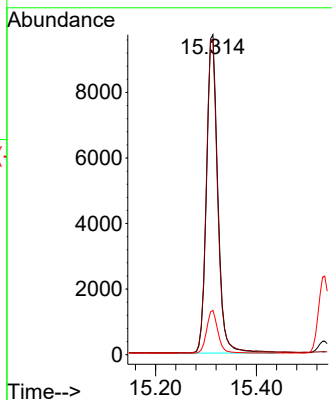
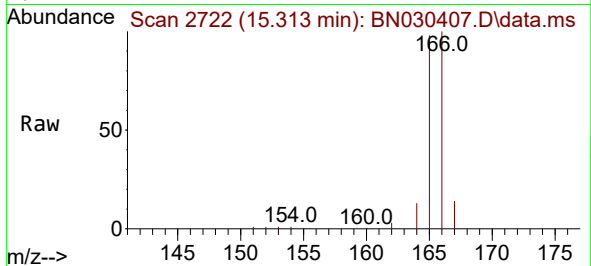




#12
 Fluorene
 Concen: 1.497 ng/ul
 RT: 15.313 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN030407.D
 Acq: 14 Mar 2024 21:37

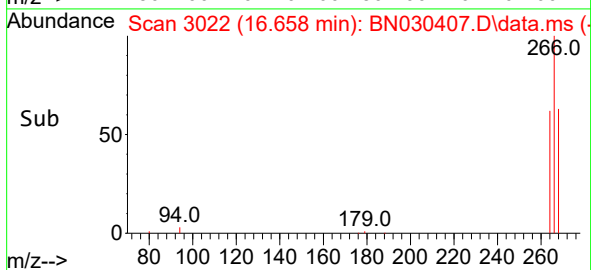
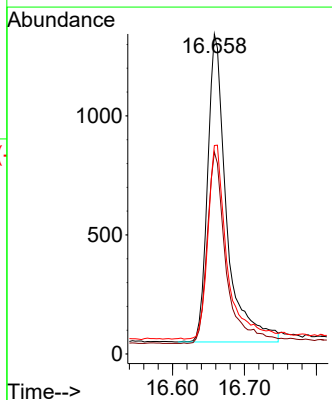
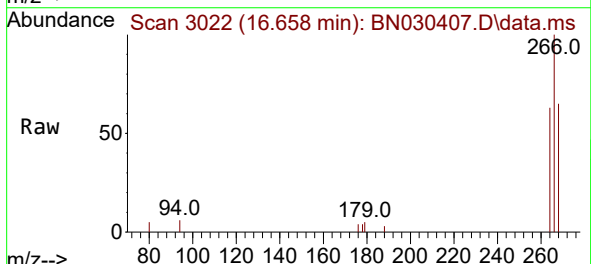
Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6248

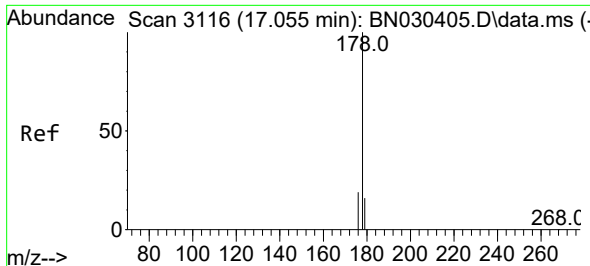
Tgt Ion:166 Resp: 15129
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.5 117.7
 167 13.9 12.7 19.1



#14
 Pentachlorophenol
 Concen: 1.668 ng/ul
 RT: 16.658 min Scan# 3022
 Delta R.T. -0.008 min
 Lab File: BN030407.D
 Acq: 14 Mar 2024 21:37

Tgt Ion:266 Resp: 2362
 Ion Ratio Lower Upper
 266 100
 264 62.0 0.0 0.0#
 268 63.8 0.0 0.0#

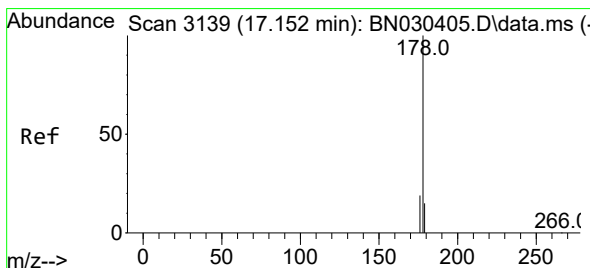
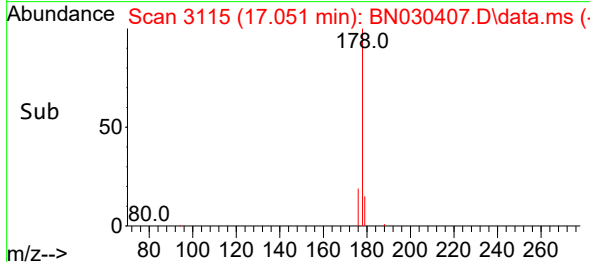
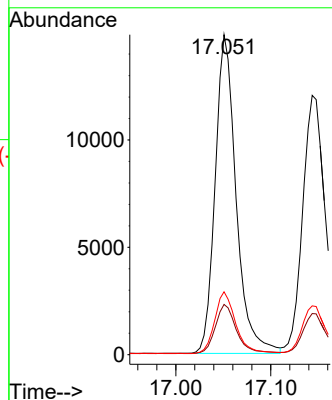
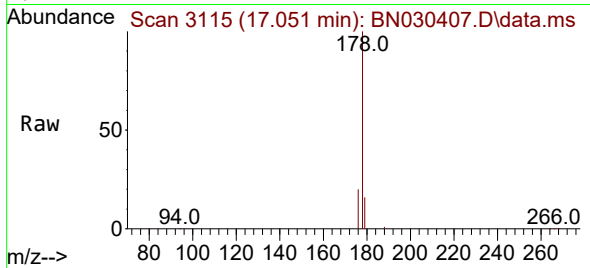




#15
Phenanthrene
Concen: 1.373 ng/ul
RT: 17.051 min Scan# 3116
Delta R.T. -0.004 min
Lab File: BN030407.D
Acq: 14 Mar 2024 21:37

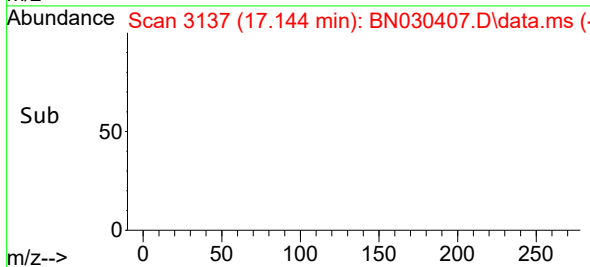
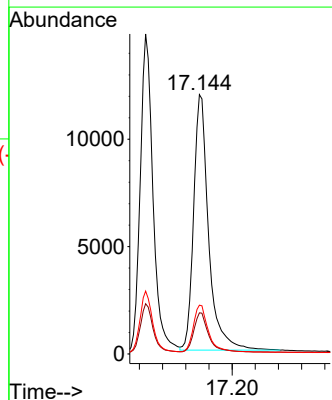
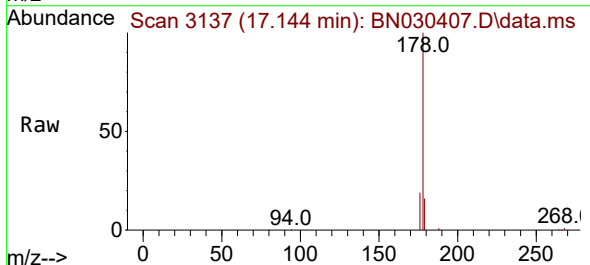
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ClientSampleId :
SSTD1.6248

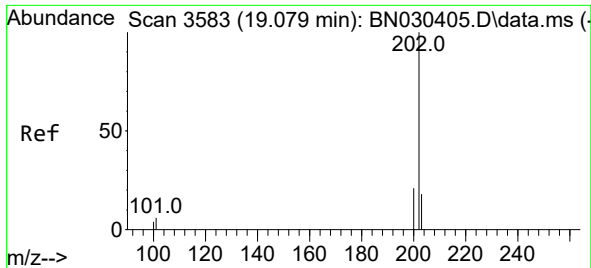
Tgt Ion:178 Resp: 22847
Ion Ratio Lower Upper
178 100
179 15.7 14.2 21.4
176 19.6 16.8 25.2



#16
Anthracene
Concen: 1.460 ng/ul
RT: 17.144 min Scan# 3137
Delta R.T. -0.008 min
Lab File: BN030407.D
Acq: 14 Mar 2024 21:37

Tgt Ion:178 Resp: 21387
Ion Ratio Lower Upper
178 100
179 15.8 14.4 21.6
176 18.8 16.5 24.7

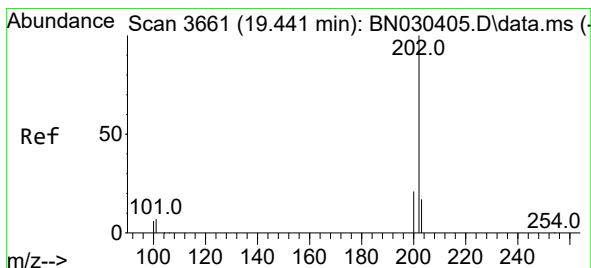
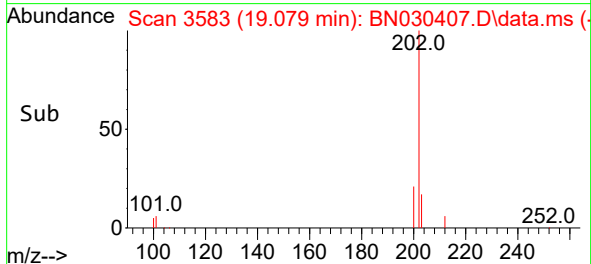
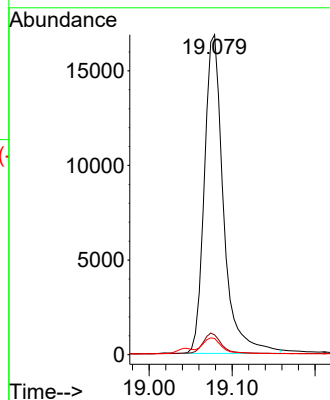
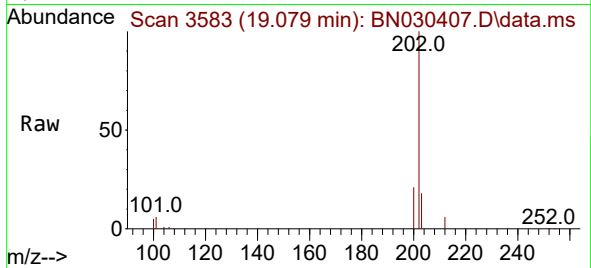




#19
Fluoranthene
Concen: 1.408 ng/ul
RT: 19.079 min Scan# 3583
Delta R.T. 0.000 min
Lab File: BN030407.D
Acq: 14 Mar 2024 21:37

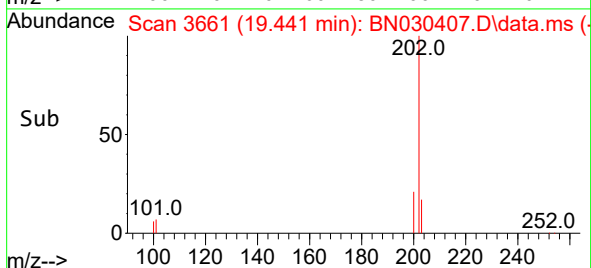
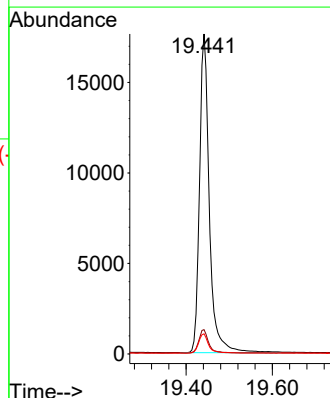
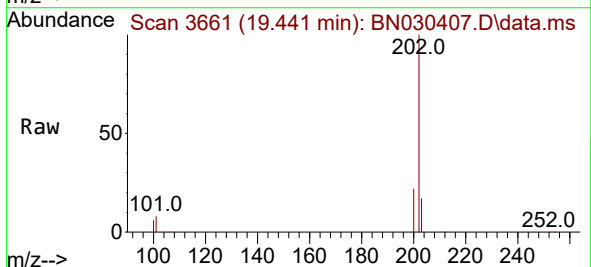
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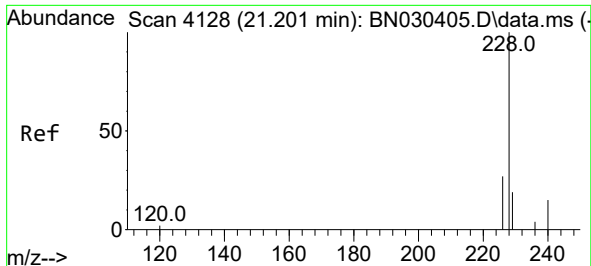
Tgt Ion:202 Resp: 27040
Ion Ratio Lower Upper
202 100
101 6.2 5.8 8.8
100 5.1 5.2 7.8#



#20
Pyrene
Concen: 1.336 ng/ul
RT: 19.441 min Scan# 3661
Delta R.T. 0.000 min
Lab File: BN030407.D
Acq: 14 Mar 2024 21:37

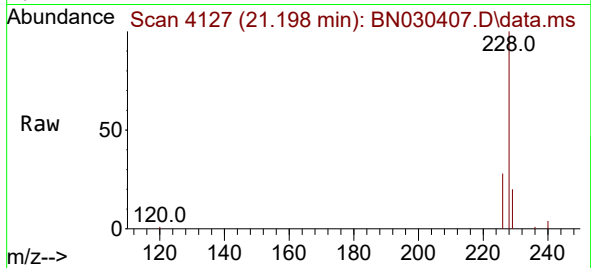
Tgt Ion:202 Resp: 27905
Ion Ratio Lower Upper
202 100
101 7.6 7.0 10.6
100 6.3 6.2 9.4



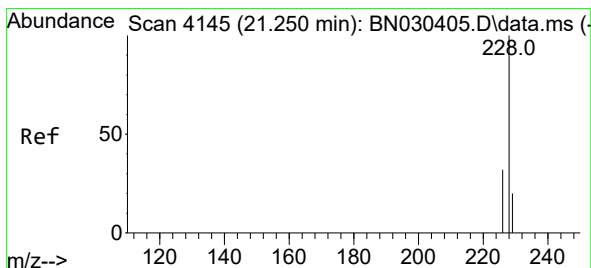
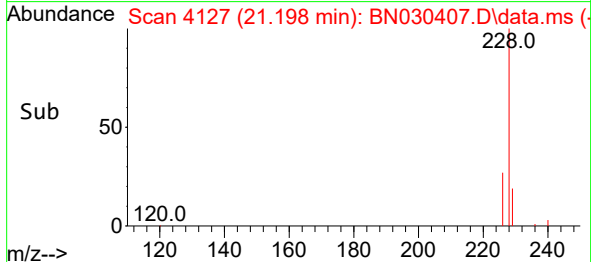
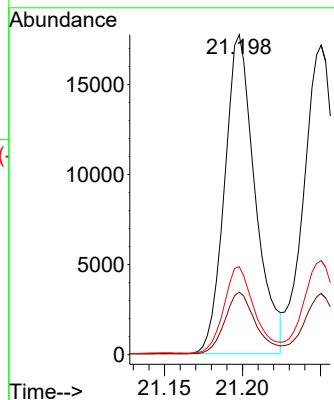


#21
Benzo(a)anthracene
Concen: 1.582 ng/ul
RT: 21.198 min Scan# 4127
Delta R.T. -0.003 min
Lab File: BN030407.D
Acq: 14 Mar 2024 21:37

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

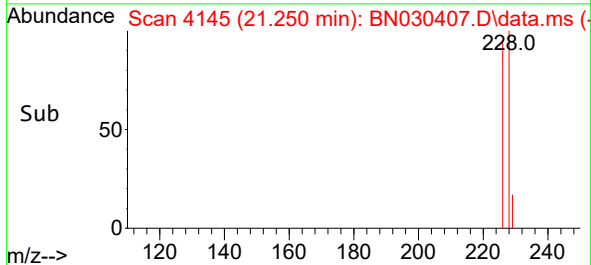
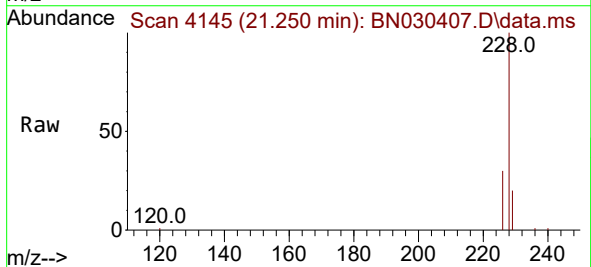
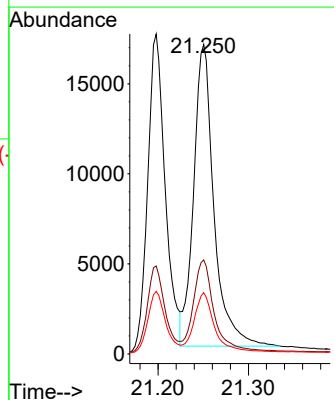


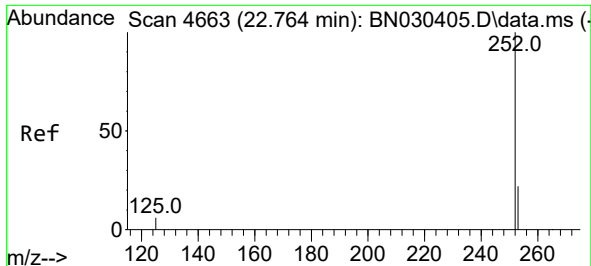
Tgt Ion:228 Resp: 24180
Ion Ratio Lower Upper
228 100
229 19.6 16.4 24.6
226 27.5 22.7 34.1



#22
Chrysene
Concen: 1.424 ng/ul
RT: 21.250 min Scan# 4145
Delta R.T. 0.000 min
Lab File: BN030407.D
Acq: 14 Mar 2024 21:37

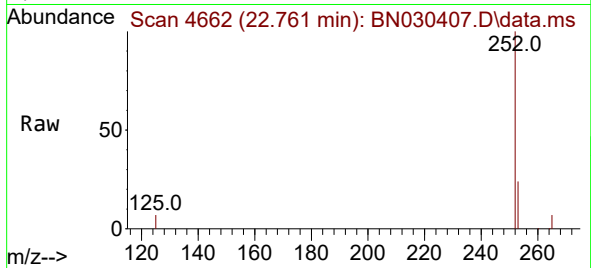
Tgt Ion:228 Resp: 26151
Ion Ratio Lower Upper
228 100
226 30.4 25.6 38.4
229 19.8 16.6 25.0



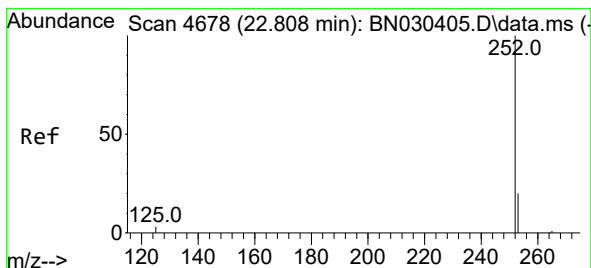
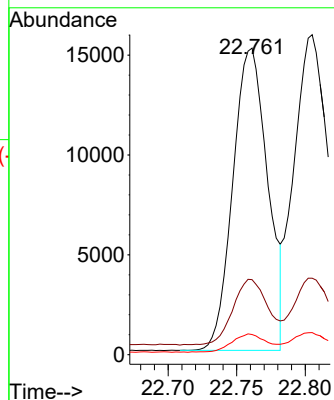


#24
Benzo(b)fluoranthene
Concen: 1.425 ng/ul
RT: 22.761 min Scan# 4662
Delta R.T. -0.003 min
Lab File: BN030407.D
Acq: 14 Mar 2024 21:37

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

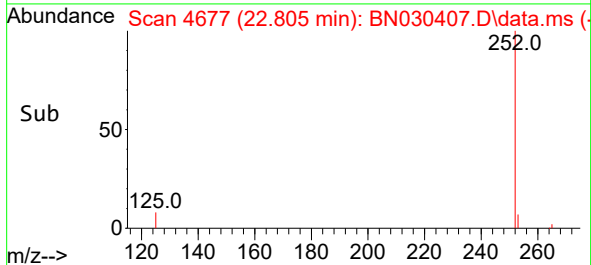
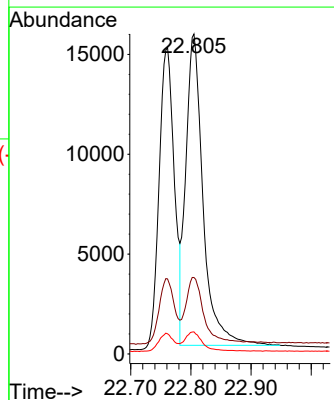
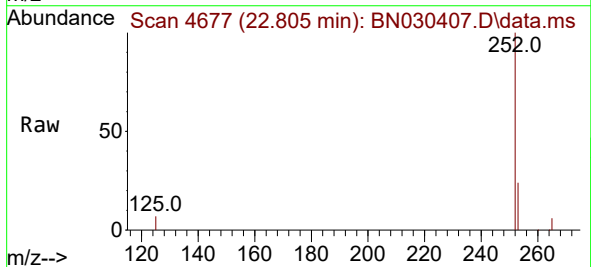


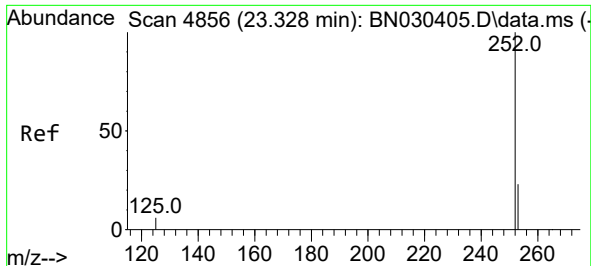
Tgt Ion:252 Resp: 26713
Ion Ratio Lower Upper
252 100
253 24.5 0.0 71.4
125 6.6 0.0 18.6



#25
Benzo(k)fluoranthene
Concen: 1.403 ng/ul
RT: 22.805 min Scan# 4677
Delta R.T. -0.003 min
Lab File: BN030407.D
Acq: 14 Mar 2024 21:37

Tgt Ion:252 Resp: 31028
Ion Ratio Lower Upper
252 100
253 23.9 27.7 41.5#
125 6.9 8.0 12.0#

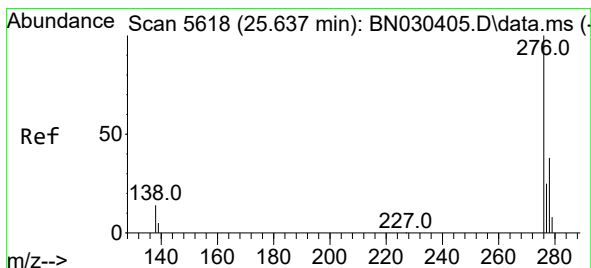
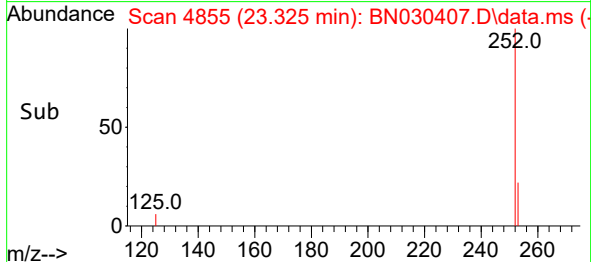
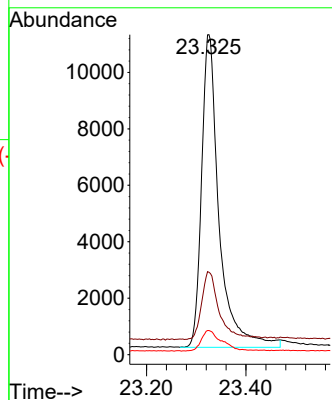
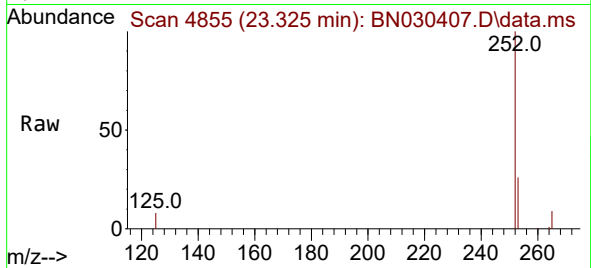




#26
Benzo(a)pyrene
Concen: 1.417 ng/ul
RT: 23.325 min Scan# 4855
Delta R.T. -0.003 min
Lab File: BN030407.D
Acq: 14 Mar 2024 21:37

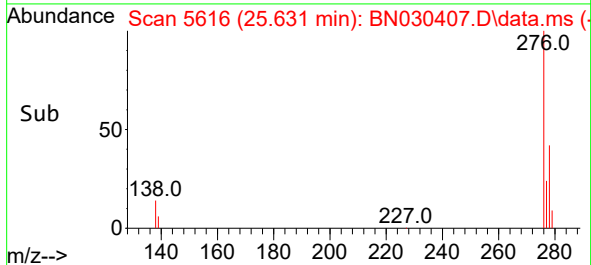
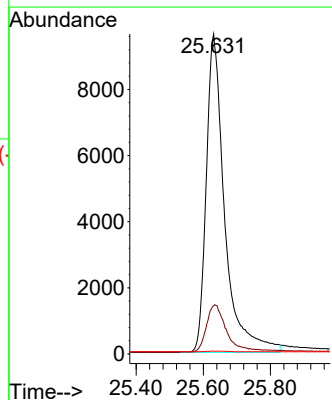
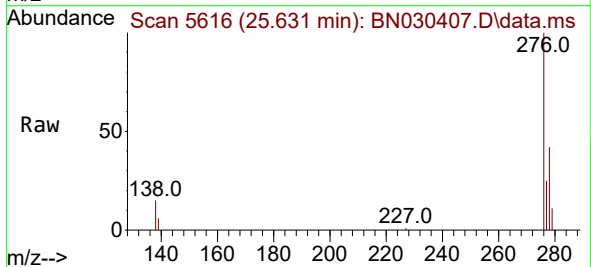
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

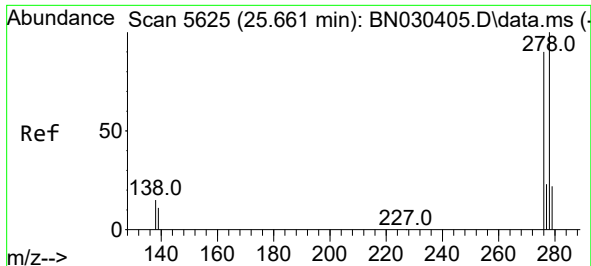
Tgt Ion:252 Resp: 27052
Ion Ratio Lower Upper
252 100
253 25.8 34.4 51.6#
125 7.6 9.0 13.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.497 ng/ul
RT: 25.631 min Scan# 5616
Delta R.T. -0.007 min
Lab File: BN030407.D
Acq: 14 Mar 2024 21:37

Tgt Ion:276 Resp: 36483
Ion Ratio Lower Upper
276 100
138 16.4 9.8 14.6#
227 0.3 0.0 0.0#

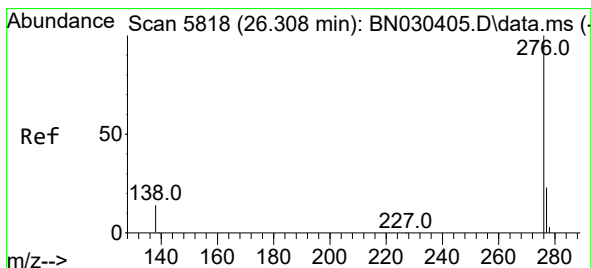
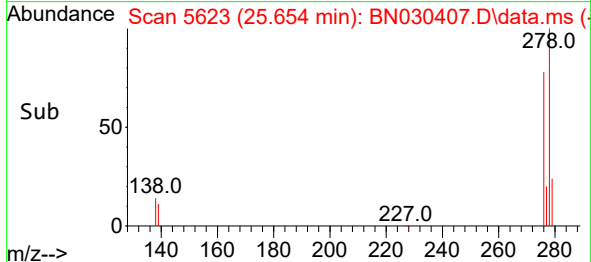
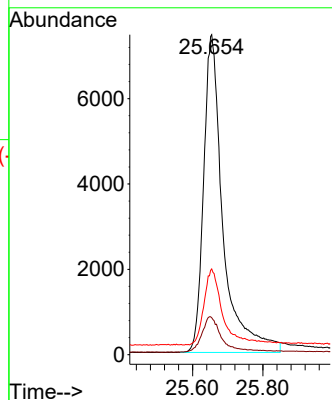
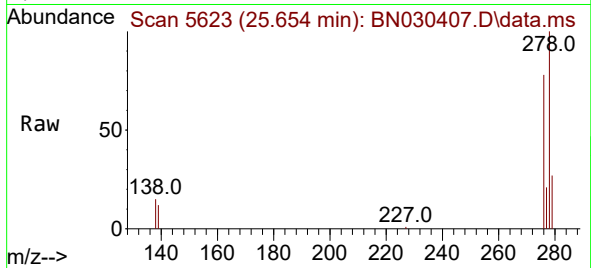




#28
Dibenzo(a,h)anthracene
Concen: 1.512 ng/ul
RT: 25.654 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN030407.D
Acq: 14 Mar 2024 21:37

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Tgt Ion:278 Resp: 28536
Ion Ratio Lower Upper
278 100
139 11.5 12.2 18.2#
279 26.8 31.8 47.6#



#29
Benzo(g,h,i)perylene
Concen: 1.406 ng/ul
RT: 26.302 min Scan# 5816
Delta R.T. -0.007 min
Lab File: BN030407.D
Acq: 14 Mar 2024 21:37

Tgt Ion:276 Resp: 31795
Ion Ratio Lower Upper
276 100
138 14.7 13.4 20.2
277 24.1 20.6 31.0

