

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031524\
 Data File : BN030406.D
 Acq On : 14 Mar 2024 21:01
 Operator : MA/JU
 Sample : SSTD0.871
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.8247

Quant Time: Mar 15 00:57:21 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)

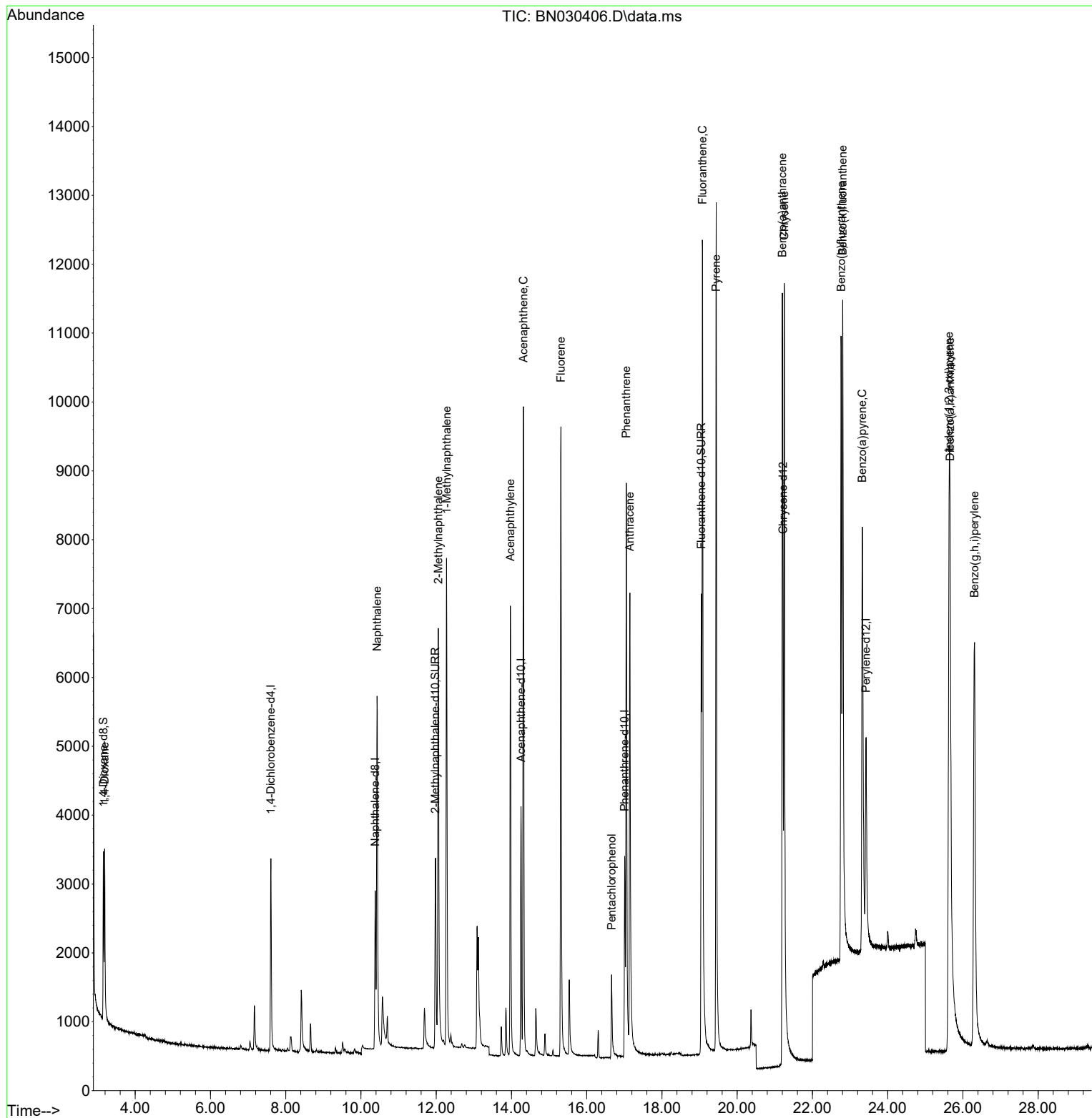
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1683	0.400	ng/ul	0.00
4) Naphthalene-d8	10.377	136	3737	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.254	164	2170	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.009	188	4474	0.400	ng/ul	0.00
17) Chrysene-d12	21.215	240	3995	0.400	ng/ul	0.00
23) Perylene-d12	23.425	264	4587	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.153	96	1655	0.710	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.978	152	4605	0.953	ng/ul	0.00
18) Fluoranthene-d10	19.046	212	9947	0.764	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	1734	0.686	ng/ul	95
5) Naphthalene	10.427	128	8231	0.746	ng/ul	95
7) 2-Methylnaphthalene	12.055	142	5200	0.870	ng/ul#	100
8) 1-Methylnaphthalene	12.275	142	5351	0.845	ng/ul#	28
10) Acenaphthylene	13.972	152	8434	0.695	ng/ul	98
11) Acenaphthene	14.319	153	6114	0.687	ng/ul	98
12) Fluorene	15.313	166	7010	0.773	ng/ul	98
14) Pentachlorophenol	16.662	266	1040	0.815	ng/ul#	100
15) Phenanthrene	17.051	178	10616	0.708	ng/ul	97
16) Anthracene	17.144	178	9750	0.739	ng/ul	97
19) Fluoranthene	19.079	202	12847	0.724	ng/ul	97
20) Pyrene	19.441	202	13519	0.701	ng/ul	96
21) Benzo(a)anthracene	21.198	228	11205	0.794	ng/ul	99
22) Chrysene	21.250	228	12634	0.745	ng/ul	97
24) Benzo(b)fluoranthene	22.761	252	12841	0.726	ng/ul	88
25) Benzo(k)fluoranthene	22.805	252	14806	0.710	ng/ul#	89
26) Benzo(a)pyrene	23.325	252	13039	0.724	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.631	276	17389	0.756	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.658	278	13431	0.755	ng/ul#	87
29) Benzo(g,h,i)perylene	26.308	276	15324	0.718	ng/ul	96

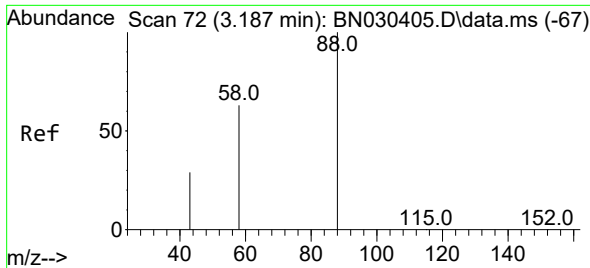
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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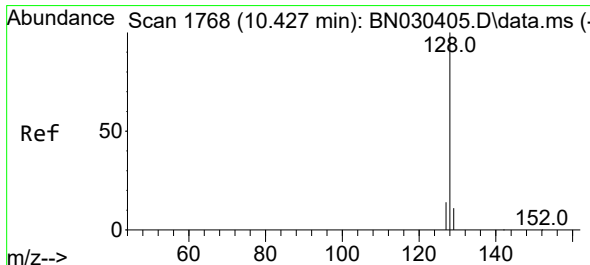
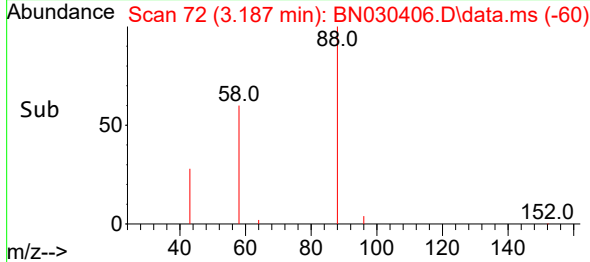
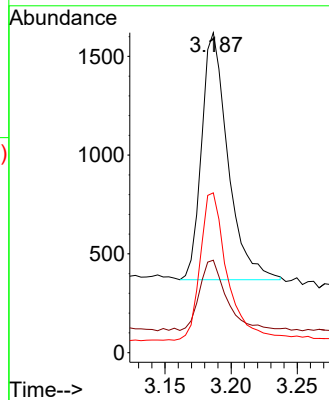
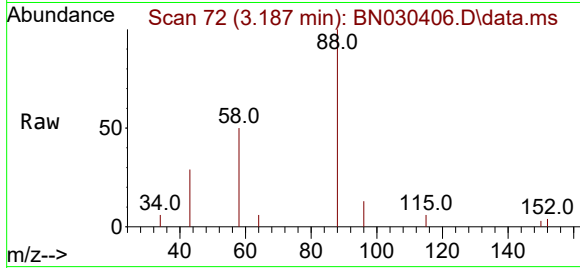




#2
1,4-Dioxane
Concen: 0.686 ng/ul
RT: 3.187 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

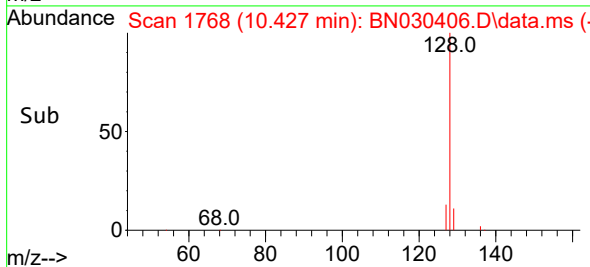
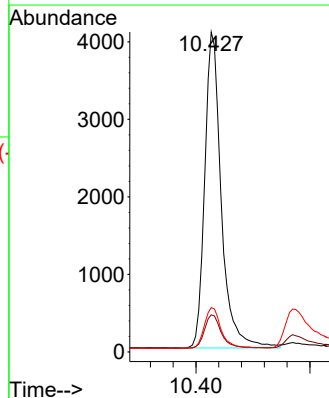
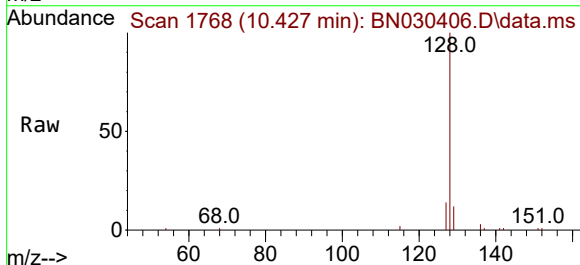
Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

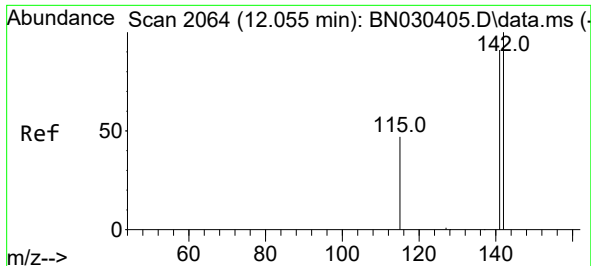
Tgt Ion: 88 Resp: 1734
Ion Ratio Lower Upper
88 100
43 28.9 24.7 37.1
58 49.9 36.6 54.8



#5
Naphthalene
Concen: 0.746 ng/ul
RT: 10.427 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

Tgt Ion: 128 Resp: 8231
Ion Ratio Lower Upper
128 100
129 11.6 10.5 15.7
127 13.9 13.0 19.4

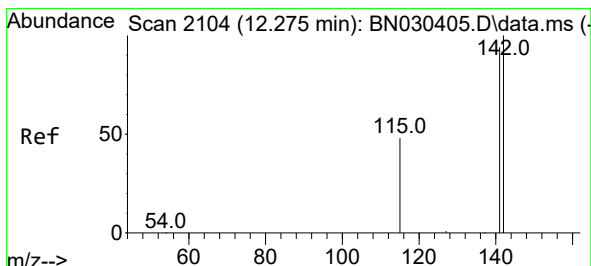
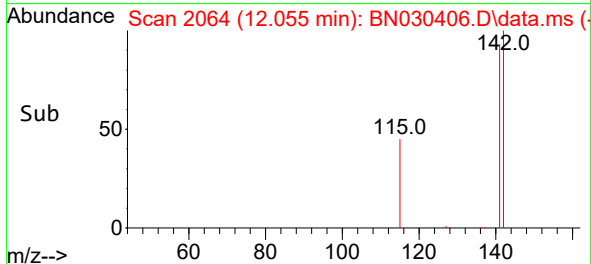
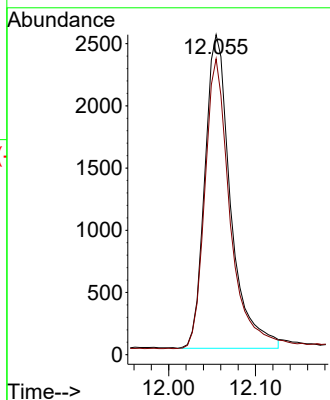
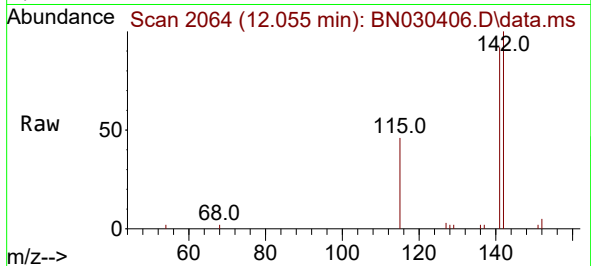




#7
2-Methylnaphthalene
Concen: 0.870 ng/ul
RT: 12.055 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

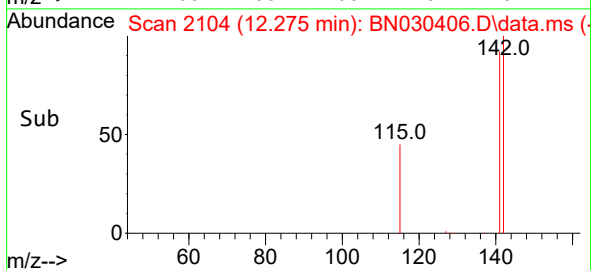
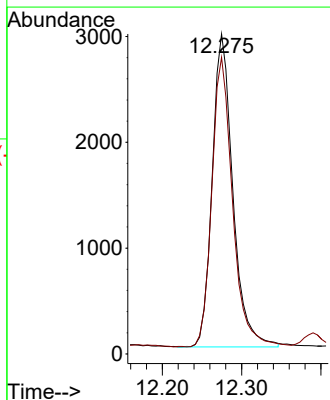
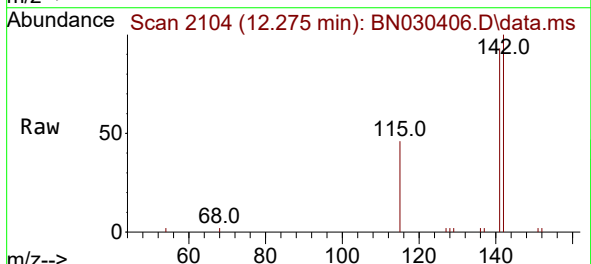
Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

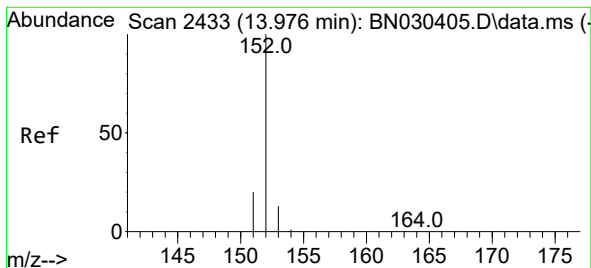
Tgt Ion:142 Resp: 5200
Ion Ratio Lower Upper
142 100
141 90.2 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.845 ng/ul
RT: 12.275 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

Tgt Ion:142 Resp: 5351
Ion Ratio Lower Upper
142 100
141 92.8 0.2 0.2#





#10

Acenaphthylene

Concen: 0.695 ng/ul

RT: 13.972 min Scan# 2433

Delta R.T. -0.005 min

Lab File: BN030406.D

Acq: 14 Mar 2024 21:01

Instrument :

BNA_N

ClientSampleId :

SSTD0.8247

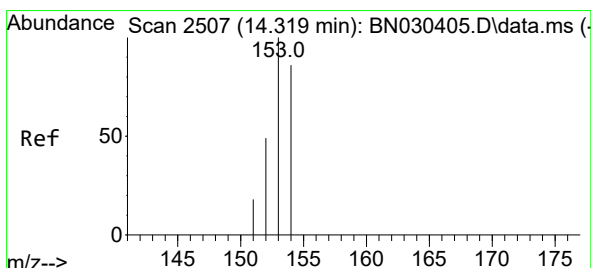
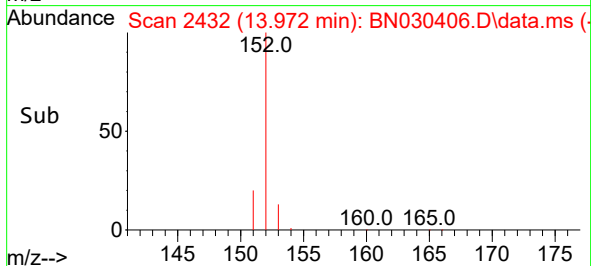
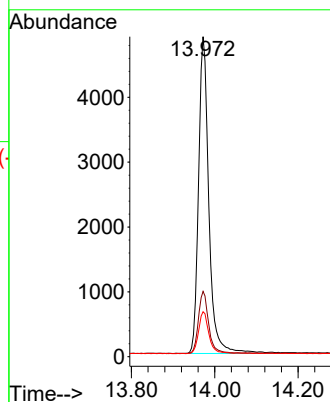
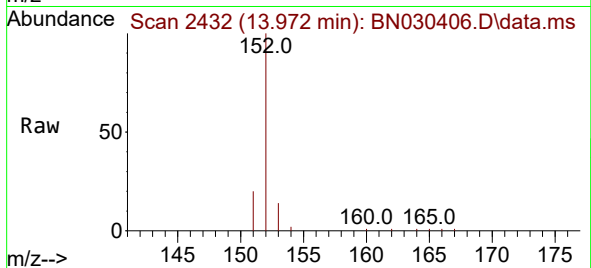
Tgt Ion:152 Resp: 8434

Ion Ratio Lower Upper

152 100

151 20.4 17.1 25.7

153 14.0 12.2 18.2



#11

Acenaphthene

Concen: 0.687 ng/ul

RT: 14.319 min Scan# 2507

Delta R.T. 0.000 min

Lab File: BN030406.D

Acq: 14 Mar 2024 21:01

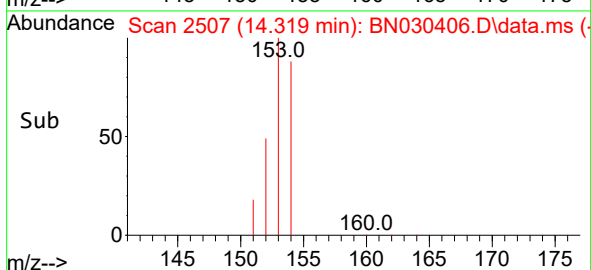
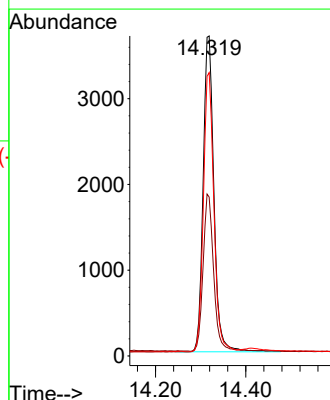
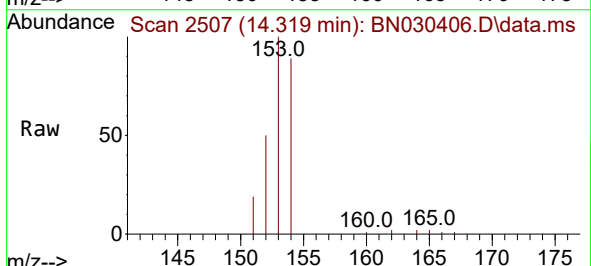
Tgt Ion:153 Resp: 6114

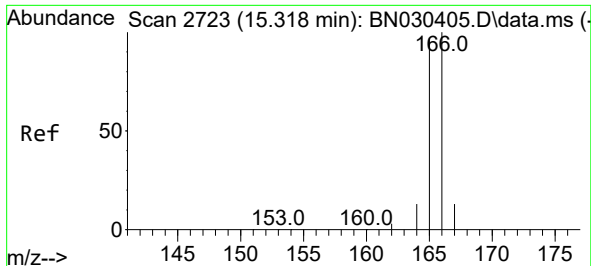
Ion Ratio Lower Upper

153 100

152 49.7 40.2 60.2

154 88.5 69.0 103.4

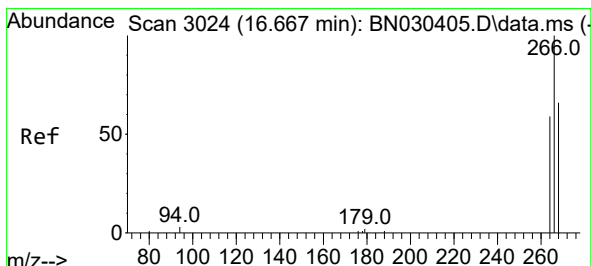
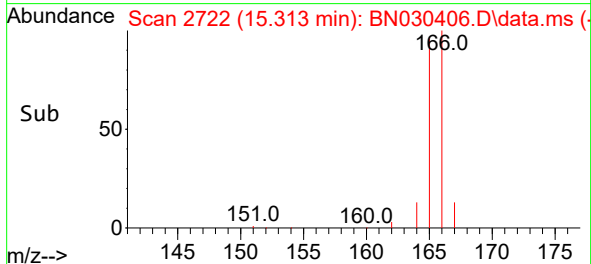
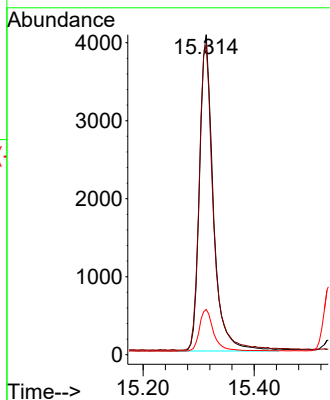
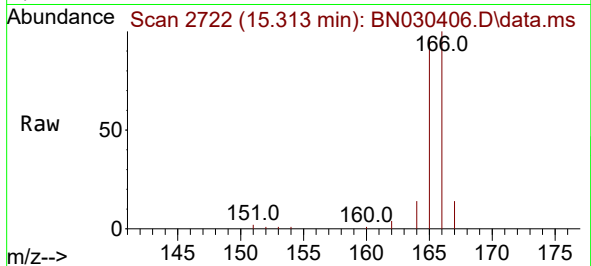




#12
Fluorene
Concen: 0.773 ng/ul
RT: 15.313 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

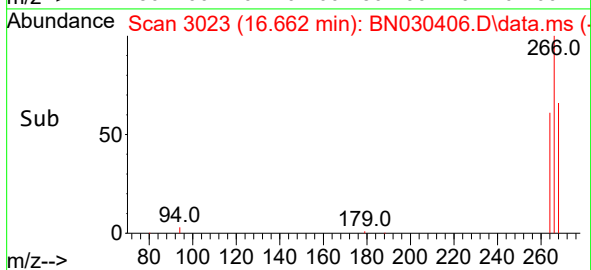
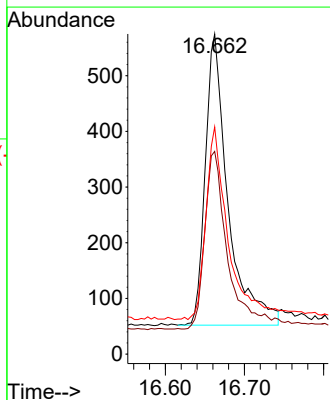
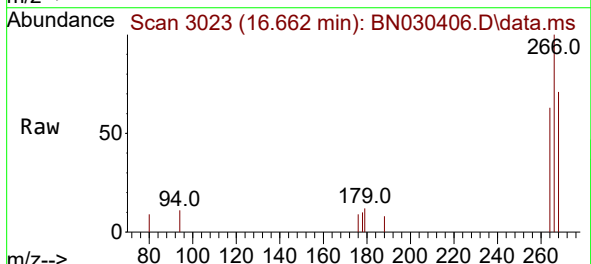
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ClientSampleId :
SSTD0.8247

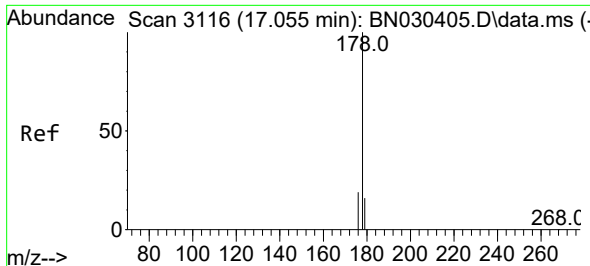
Tgt Ion:166 Resp: 7010
Ion Ratio Lower Upper
166 100
165 96.7 78.5 117.7
167 14.2 12.7 19.1



#14
Pentachlorophenol
Concen: 0.815 ng/ul
RT: 16.662 min Scan# 3023
Delta R.T. -0.004 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

Tgt Ion:266 Resp: 1040
Ion Ratio Lower Upper
266 100
264 62.5 0.0 0.0#
268 65.3 0.0 0.0#

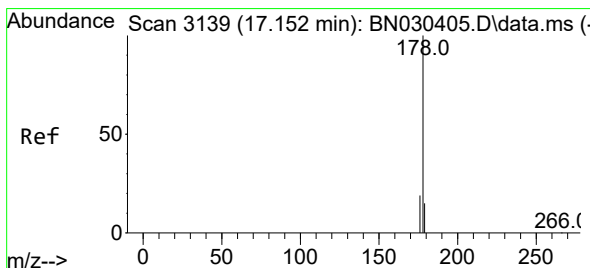
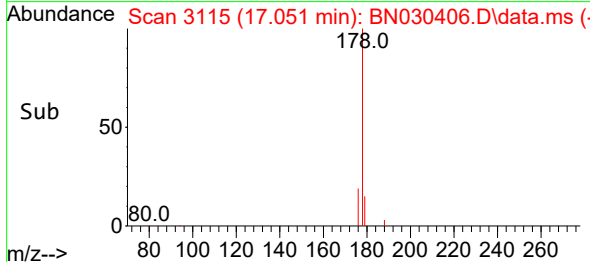
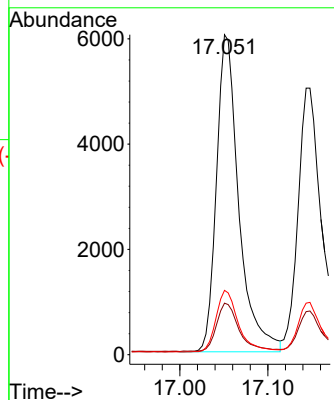
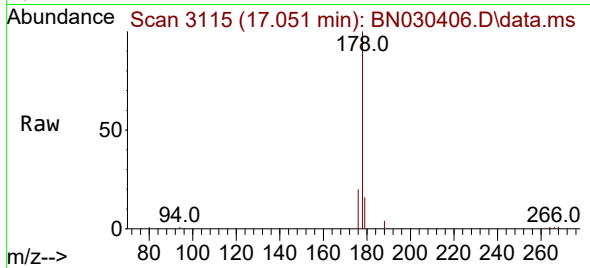




#15
Phenanthrene
Concen: 0.708 ng/ul
RT: 17.051 min Scan# 3115
Delta R.T. -0.004 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

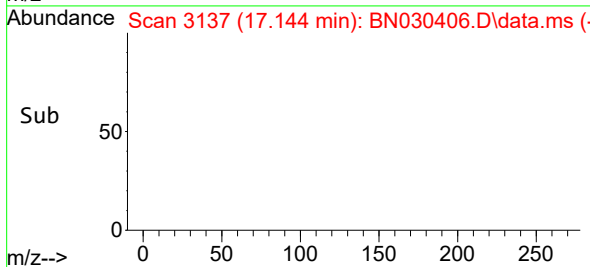
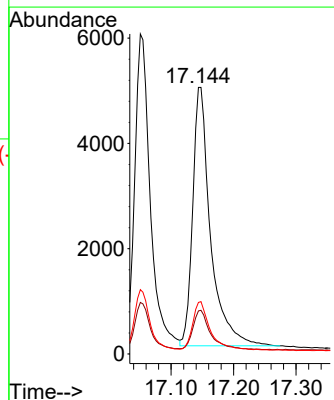
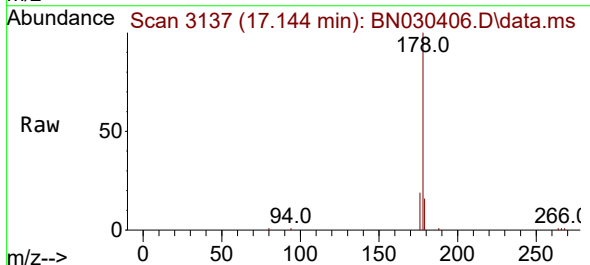
Instrument :
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ClientSampleId :
SSTD0.8247

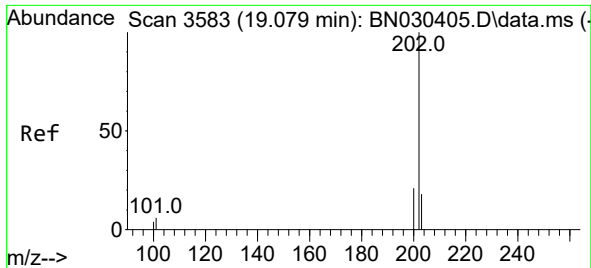
Tgt Ion:178 Resp: 10616
Ion Ratio Lower Upper
178 100
179 16.1 14.2 21.4
176 20.1 16.8 25.2



#16
Anthracene
Concen: 0.739 ng/ul
RT: 17.144 min Scan# 3137
Delta R.T. -0.008 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

Tgt Ion:178 Resp: 9750
Ion Ratio Lower Upper
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179 16.2 14.4 21.6
176 19.4 16.5 24.7

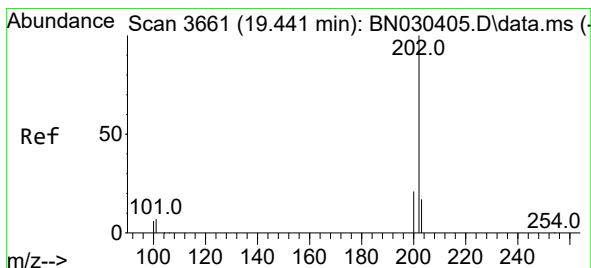
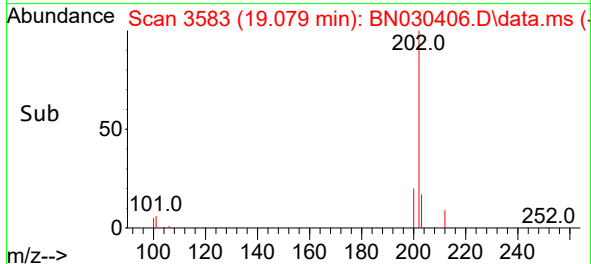
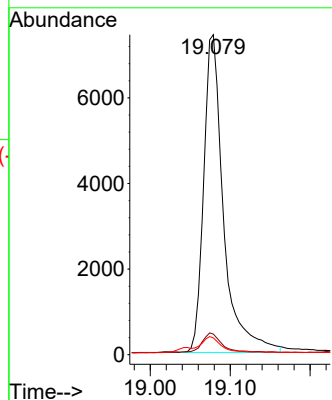
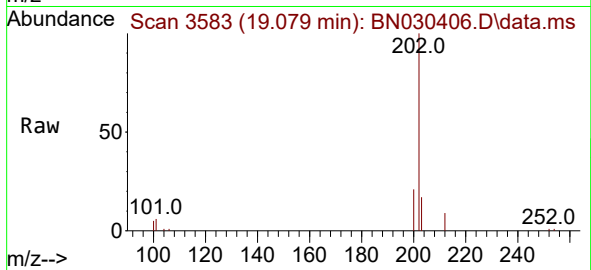




#19
Fluoranthene
Concen: 0.724 ng/ul
RT: 19.079 min Scan# 3583
Delta R.T. 0.000 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

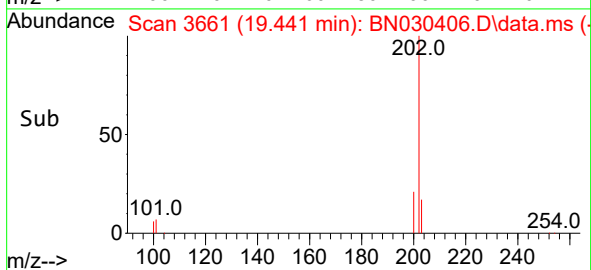
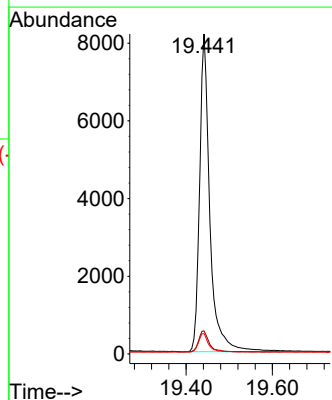
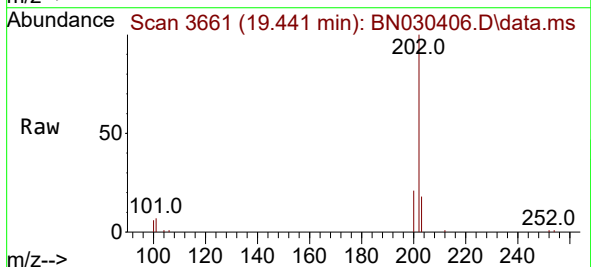
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ClientSampleId :
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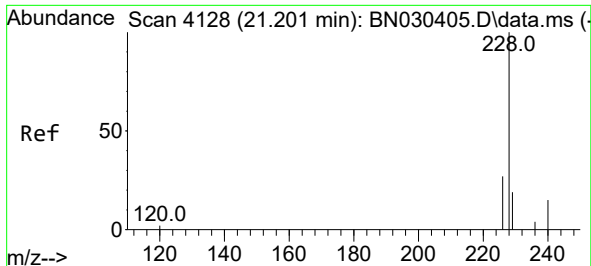
Tgt Ion:202 Resp: 12847
Ion Ratio Lower Upper
202 100
101 6.4 5.8 8.8
100 5.2 5.2 7.8



#20
Pyrene
Concen: 0.701 ng/ul
RT: 19.441 min Scan# 3661
Delta R.T. 0.000 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

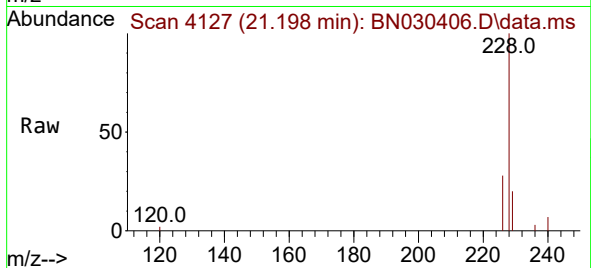
Tgt Ion:202 Resp: 13519
Ion Ratio Lower Upper
202 100
101 7.2 7.0 10.6
100 6.4 6.2 9.4



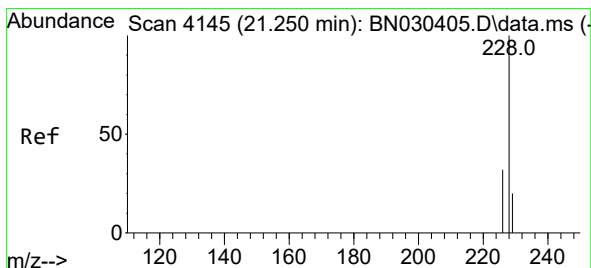
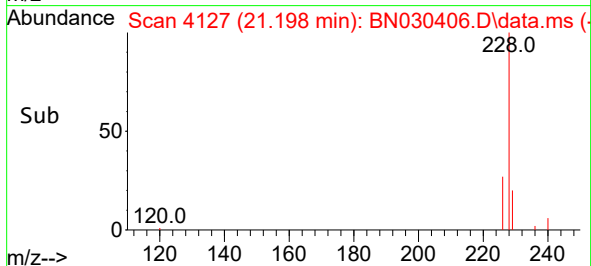
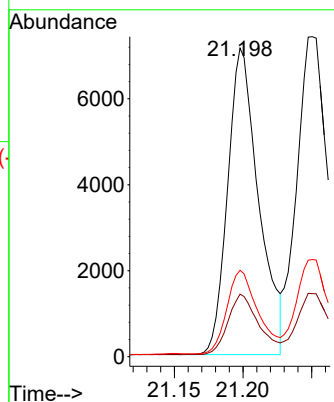


#21
Benzo(a)anthracene
Concen: 0.794 ng/ul
RT: 21.198 min Scan# 4127
Delta R.T. -0.003 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

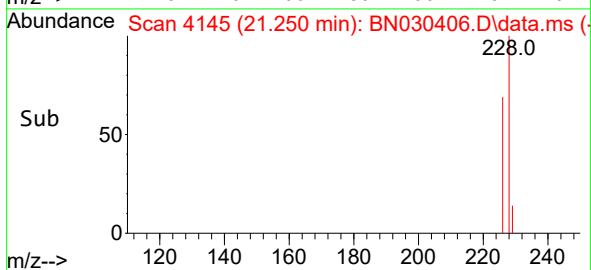
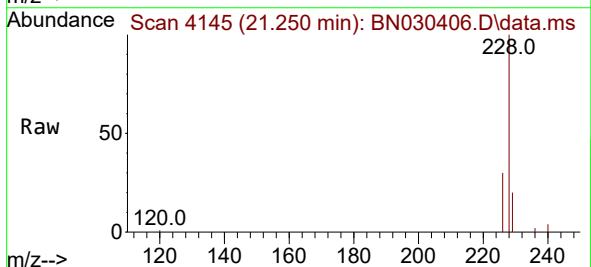
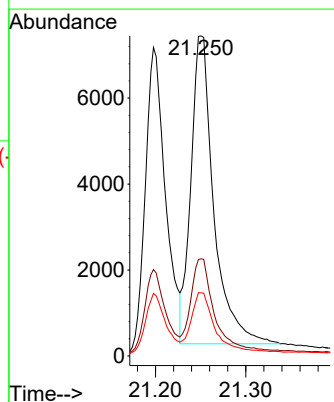


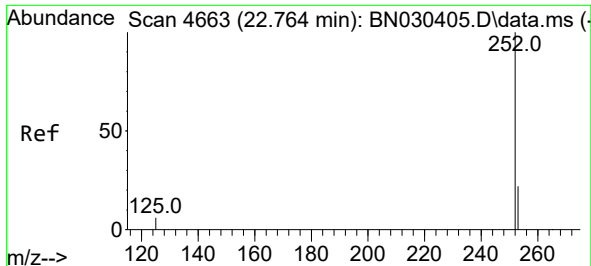
Tgt Ion:228 Resp: 11205
Ion Ratio Lower Upper
228 100
229 20.3 16.4 24.6
226 28.0 22.7 34.1



#22
Chrysene
Concen: 0.745 ng/ul
RT: 21.250 min Scan# 4145
Delta R.T. 0.000 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

Tgt Ion:228 Resp: 12634
Ion Ratio Lower Upper
228 100
226 30.4 25.6 38.4
229 19.7 16.6 25.0

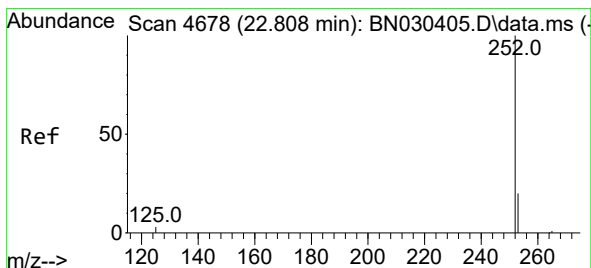
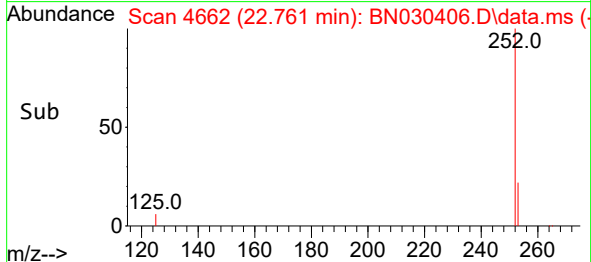
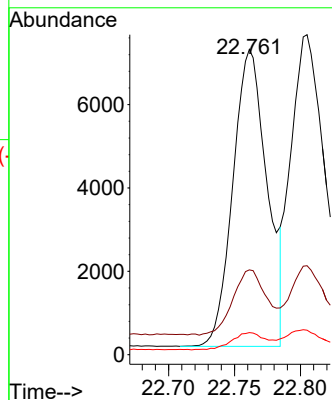
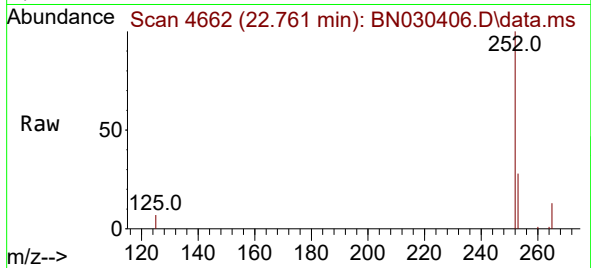




#24
Benzo(b)fluoranthene
Concen: 0.726 ng/ul
RT: 22.761 min Scan# 4662
Delta R.T. -0.003 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

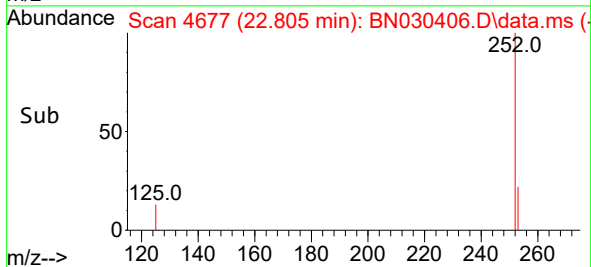
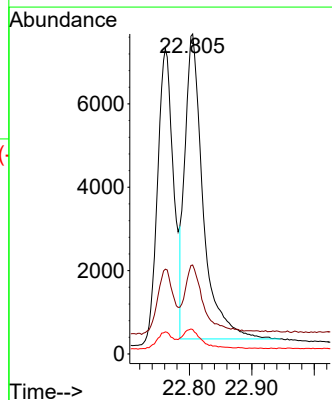
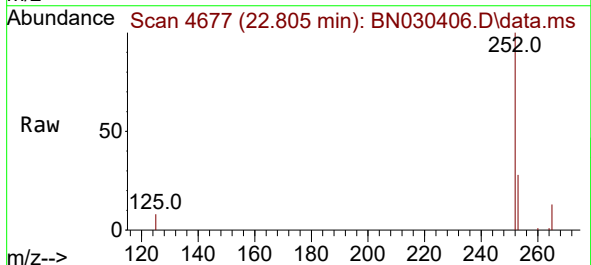
Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

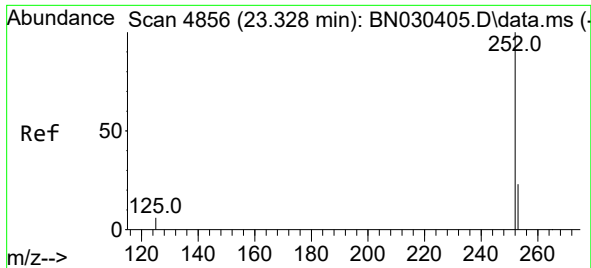
Tgt Ion:252 Resp: 12841
Ion Ratio Lower Upper
252 100
253 27.8 0.0 71.4
125 7.2 0.0 18.6



#25
Benzo(k)fluoranthene
Concen: 0.710 ng/ul
RT: 22.805 min Scan# 4677
Delta R.T. -0.003 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

Tgt Ion:252 Resp: 14806
Ion Ratio Lower Upper
252 100
253 27.8 27.7 41.5
125 7.6 8.0 12.0#

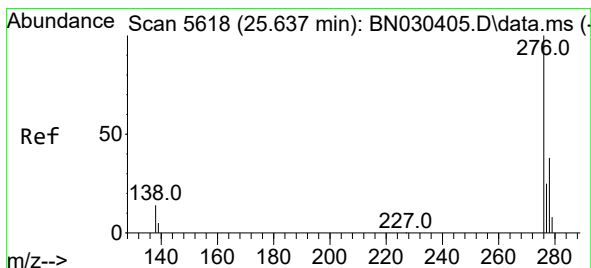
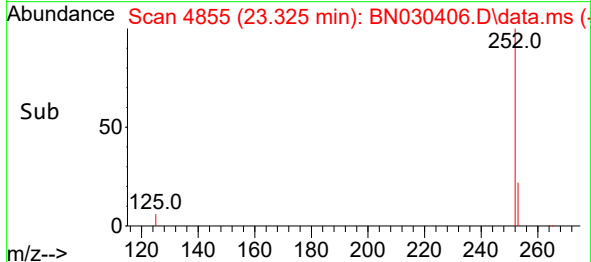
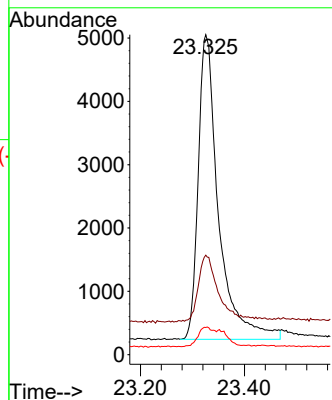
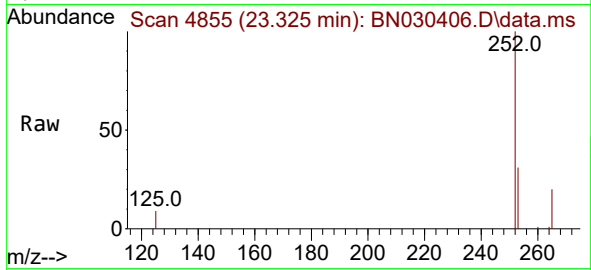




#26
Benzo(a)pyrene
Concen: 0.724 ng/ul
RT: 23.325 min Scan# 4855
Delta R.T. -0.003 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

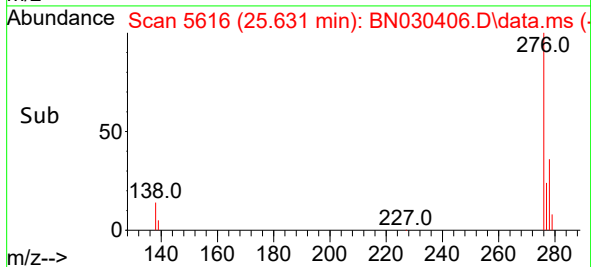
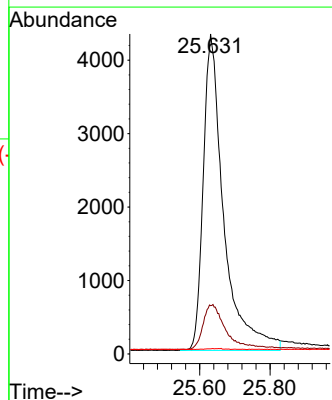
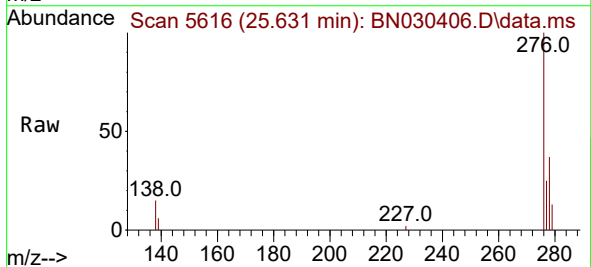
Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

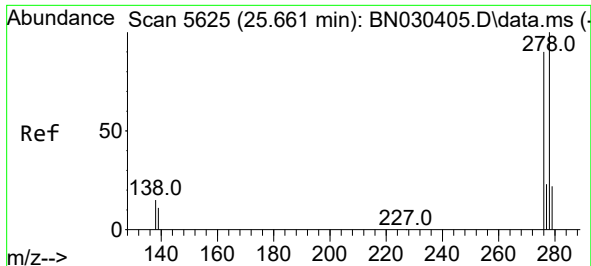
Tgt Ion:252 Resp: 13039
Ion Ratio Lower Upper
252 100
253 31.1 34.4 51.6#
125 8.5 9.0 13.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.756 ng/ul
RT: 25.631 min Scan# 5616
Delta R.T. -0.007 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

Tgt Ion:276 Resp: 17389
Ion Ratio Lower Upper
276 100
138 16.1 9.8 14.6#
227 0.1 0.0 0.0#

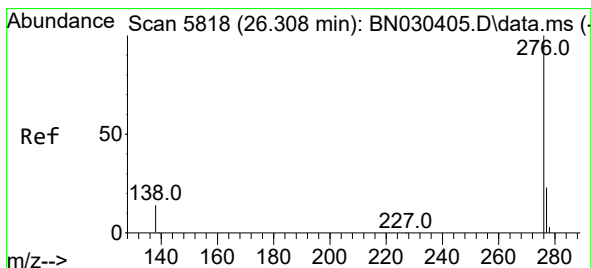
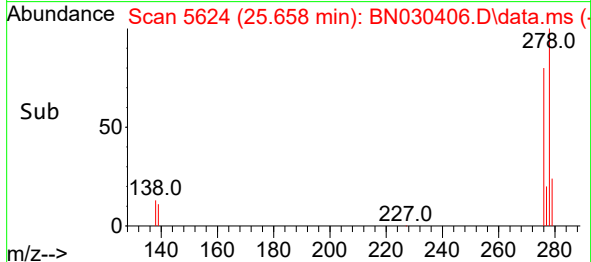
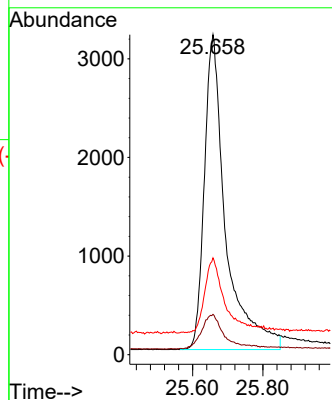
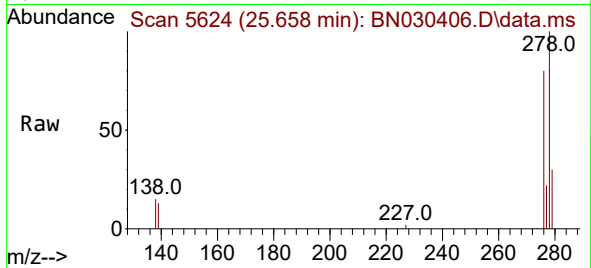




#28
Dibenzo(a,h)anthracene
Concen: 0.755 ng/ul
RT: 25.658 min Scan# 5624
Delta R.T. -0.003 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:278 Resp: 13431
Ion Ratio Lower Upper
278 100
139 12.6 12.2 18.2
279 30.3 31.8 47.6#



#29
Benzo(g,h,i)perylene
Concen: 0.718 ng/ul
RT: 26.308 min Scan# 5818
Delta R.T. 0.000 min
Lab File: BN030406.D
Acq: 14 Mar 2024 21:01

Tgt Ion:276 Resp: 15324
Ion Ratio Lower Upper
276 100
138 14.8 13.4 20.2
277 24.3 20.6 31.0

