

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031524\
 Data File : BN030403.D
 Acq On : 14 Mar 2024 19:12
 Operator : MA/JU
 Sample : SST0.168
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1244

Quant Time: Mar 15 00:56:43 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)

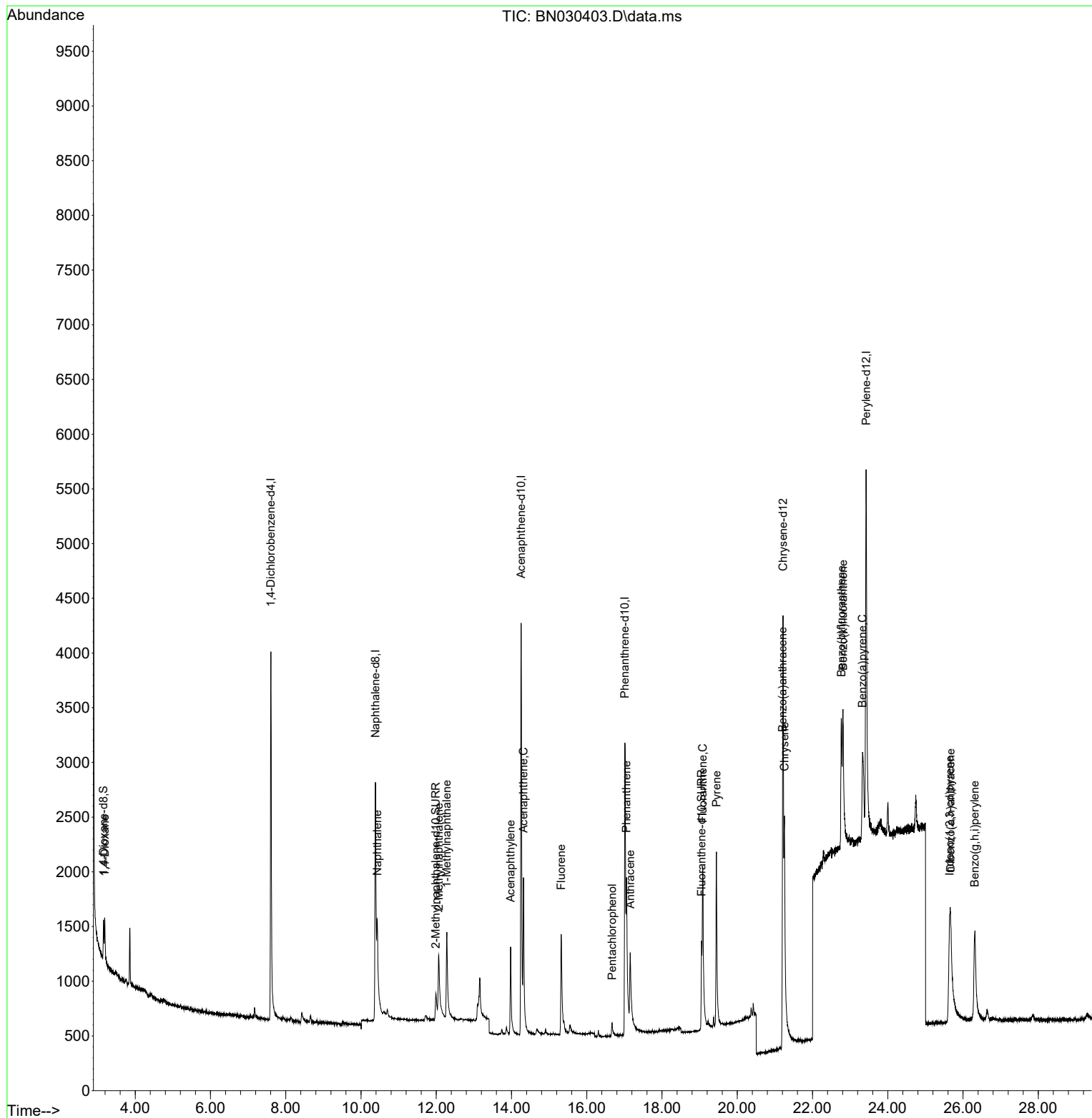
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	2109	0.400	ng/ul	0.00
4) Naphthalene-d8	10.383	136	4873	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.254	164	2687	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	5003	0.400	ng/ul	0.00
17) Chrysene-d12	21.215	240	4849	0.400	ng/ul	0.00
23) Perylene-d12	23.425	264	5494	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.157	96	322	0.110	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	572	0.091	ng/ul	0.00
18) Fluoranthene-d10	19.051	212	1488	0.094	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.191	88	329	0.104	ng/ul#	84
5) Naphthalene	10.432	128	1329	0.092	ng/ul#	85
7) 2-Methylnaphthalene	12.066	142	671	0.086	ng/ul#	100
8) 1-Methylnaphthalene	12.280	142	762	0.092	ng/ul#	27
10) Acenaphthylene	13.977	152	1311	0.087	ng/ul#	90
11) Acenaphthene	14.319	153	981	0.089	ng/ul	98
12) Fluorene	15.318	166	1024	0.091	ng/ul#	98
14) Pentachlorophenol	16.671	266	132	0.092	ng/ul#	100
15) Phenanthrene	17.055	178	1515	0.090	ng/ul#	91
16) Anthracene	17.156	178	1362	0.092	ng/ul#	84
19) Fluoranthene	19.084	202	1906	0.088	ng/ul#	88
20) Pyrene	19.446	202	2094	0.089	ng/ul#	93
21) Benzo(a)anthracene	21.204	228	1568	0.091	ng/ul	93
22) Chrysene	21.253	228	1898	0.092	ng/ul	96
24) Benzo(b)fluoranthene	22.767	252	1833	0.087	ng/ul	54
25) Benzo(k)fluoranthene	22.811	252	2327	0.093	ng/ul#	54
26) Benzo(a)pyrene	23.328	252	2064	0.096	ng/ul#	40
27) Indeno(1,2,3-cd)pyrene	25.641	276	2598	0.094	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.668	278	1916	0.090	ng/ul#	47
29) Benzo(g,h,i)perylene	26.312	276	2338	0.092	ng/ul#	87

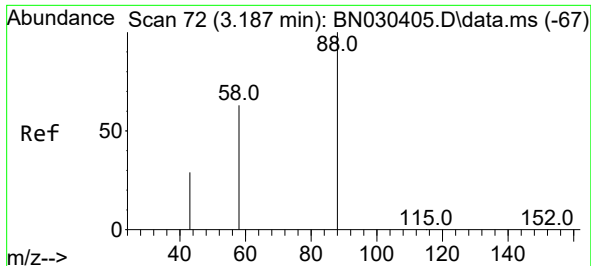
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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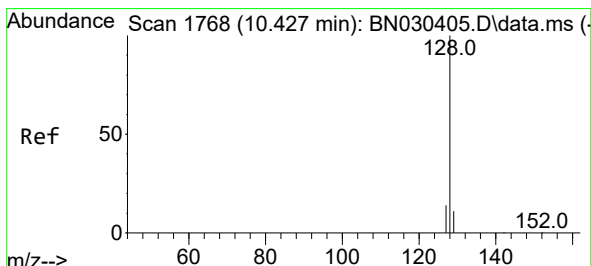
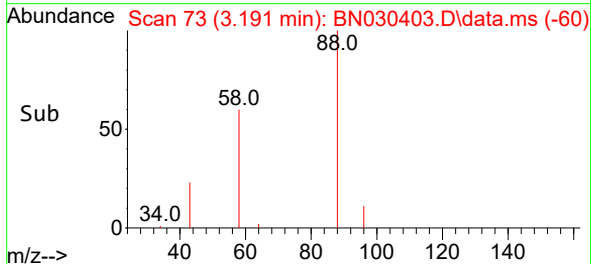
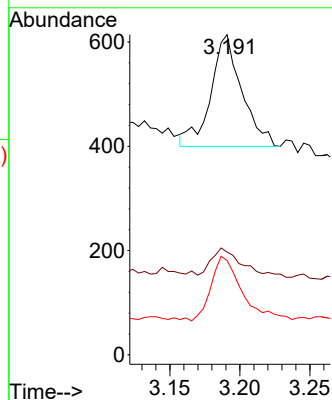
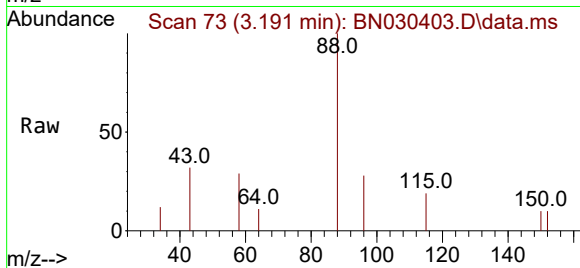




#2
1,4-Dioxane
Concen: 0.104 ng/ul
RT: 3.191 min Scan# 71
Delta R.T. 0.004 min
Lab File: BN030403.D
Acq: 14 Mar 2024 19:12

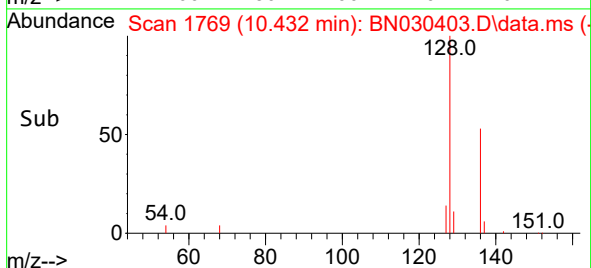
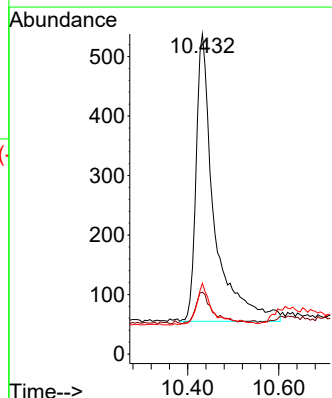
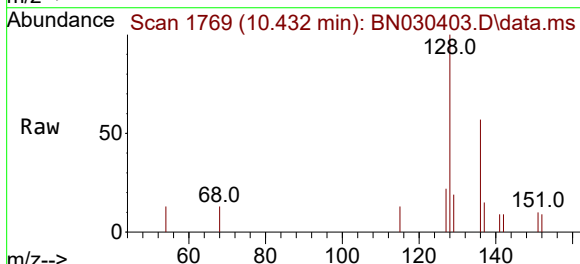
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

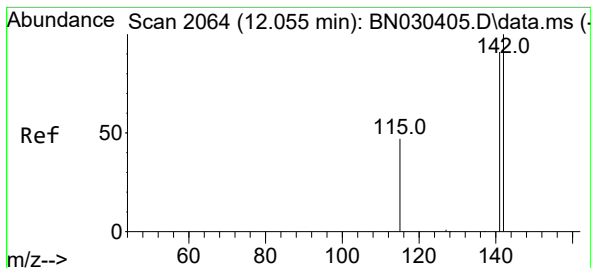
Tgt Ion: 88 Resp: 329
Ion Ratio Lower Upper
88 100
43 32.1 24.7 37.1
58 29.5 36.6 54.8#



#5
Naphthalene
Concen: 0.092 ng/ul
RT: 10.432 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BN030403.D
Acq: 14 Mar 2024 19:12

Tgt Ion:128 Resp: 1329
Ion Ratio Lower Upper
128 100
129 19.3 10.5 15.7#
127 22.1 13.0 19.4#





#7

2-Methylnaphthalene

Concen: 0.086 ng/ul

RT: 12.066 min Scan# 2066

Delta R.T. 0.011 min

Lab File: BN030403.D

Acq: 14 Mar 2024 19:12

Instrument :

BNA_N

ClientSampleId :

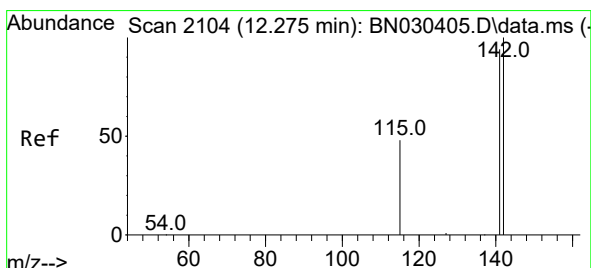
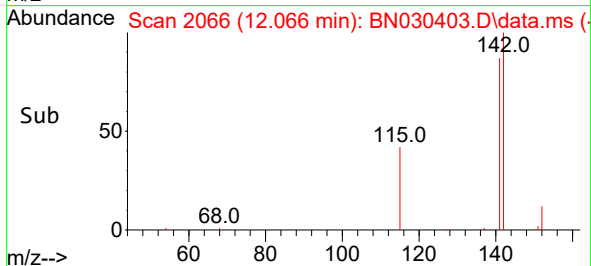
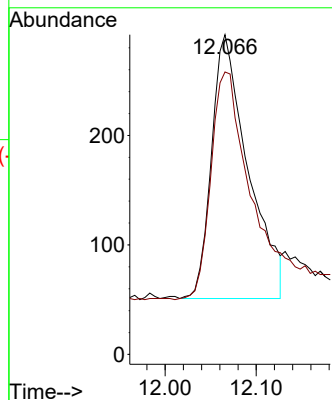
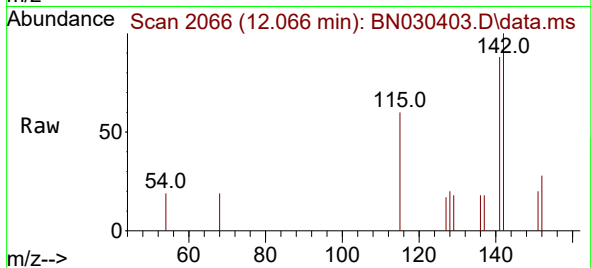
SSTD0.1244

Tgt Ion:142 Resp: 671

Ion Ratio Lower Upper

142 100

141 93.0 0.0 0.0#



#8

1-Methylnaphthalene

Concen: 0.092 ng/ul

RT: 12.280 min Scan# 2105

Delta R.T. 0.006 min

Lab File: BN030403.D

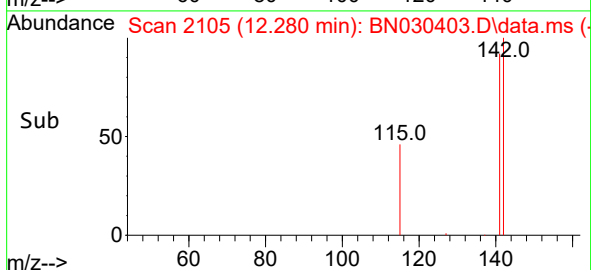
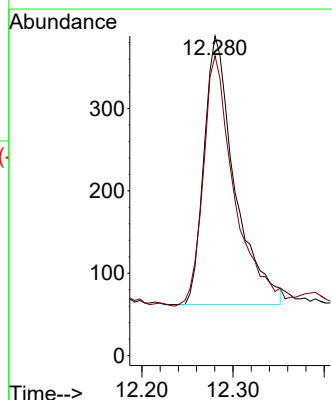
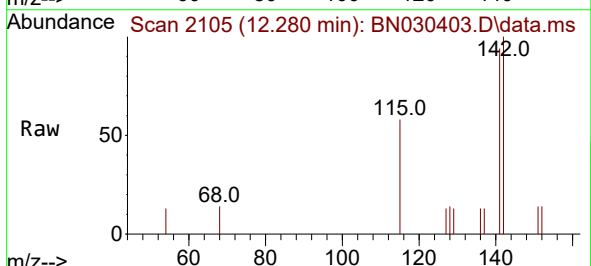
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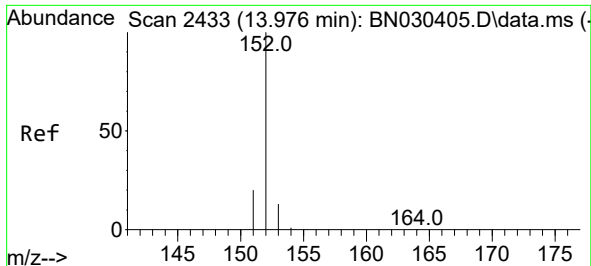
Tgt Ion:142 Resp: 762

Ion Ratio Lower Upper

142 100

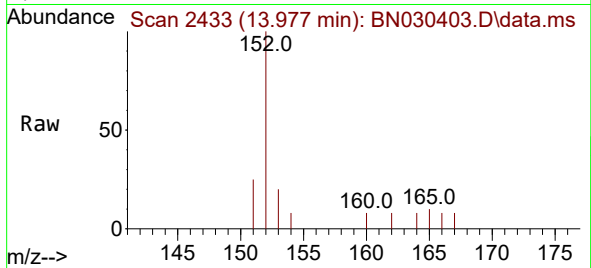
141 93.7 0.2 0.2#



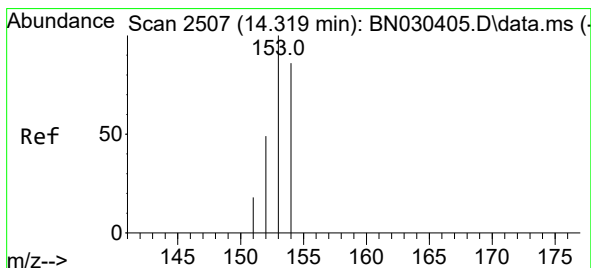
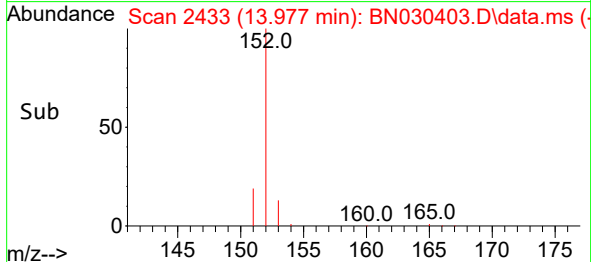
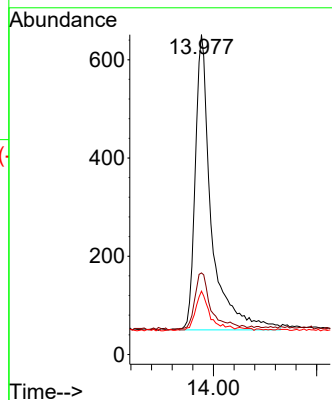


#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 13.977 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN030403.D
Acq: 14 Mar 2024 19:12

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

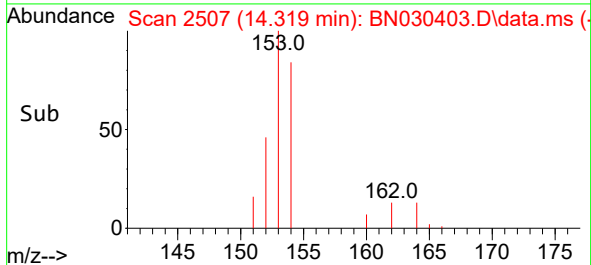
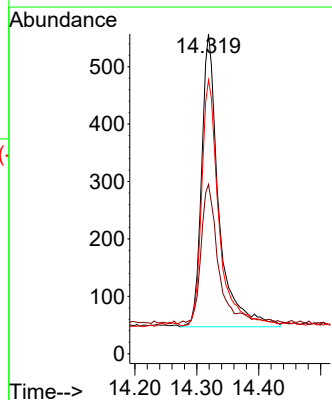
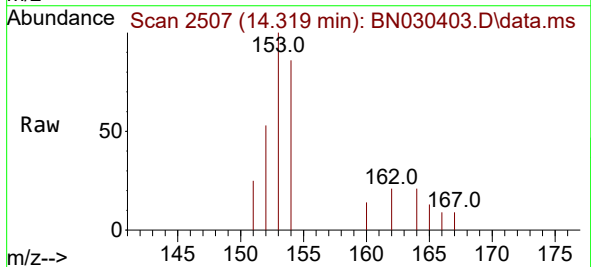


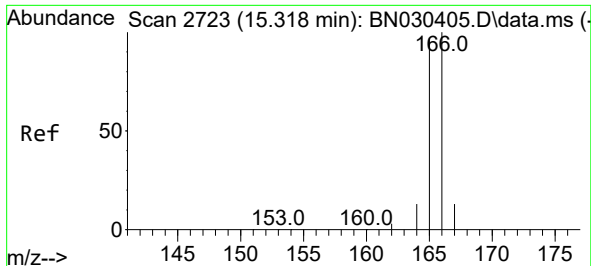
Tgt Ion:152 Resp: 1311
Ion Ratio Lower Upper
152 100
151 25.5 17.1 25.7
153 19.8 12.2 18.2#



#11
Acenaphthene
Concen: 0.089 ng/ul
RT: 14.319 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BN030403.D
Acq: 14 Mar 2024 19:12

Tgt Ion:153 Resp: 981
Ion Ratio Lower Upper
153 100
152 53.0 40.2 60.2
154 85.6 69.0 103.4

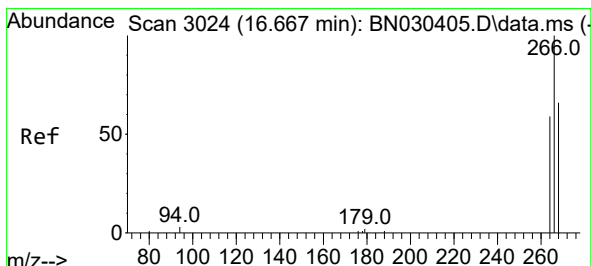
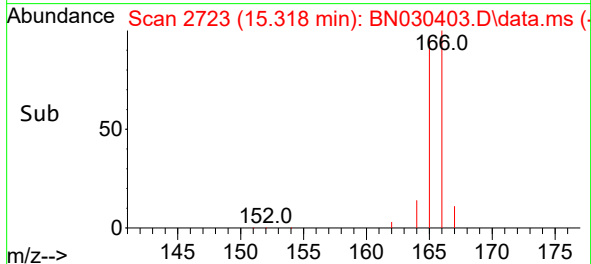
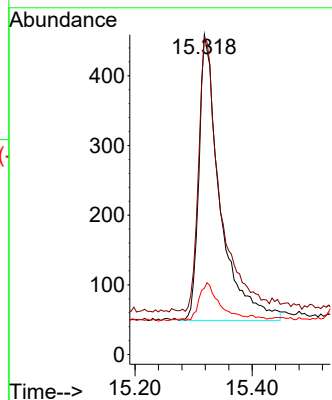
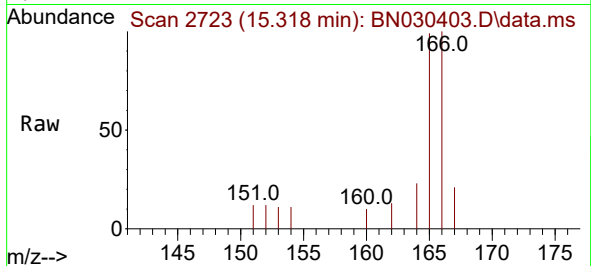




#12
 Fluorene
 Concen: 0.091 ng/ul
 RT: 15.318 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BN030403.D
 Acq: 14 Mar 2024 19:12

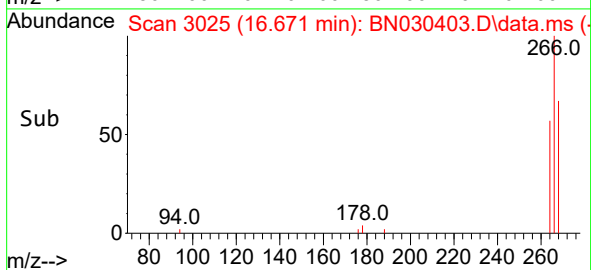
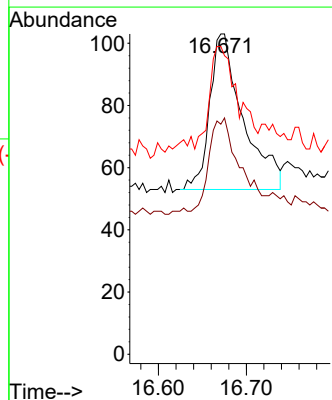
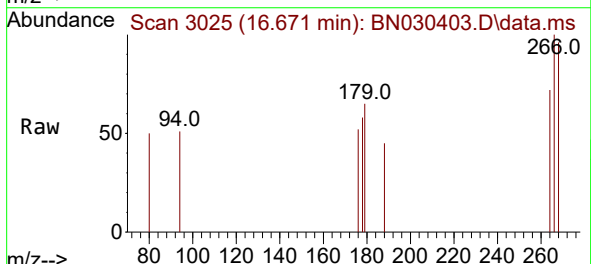
Instrument :
 BNA_N
 ClientSampleId :
 SST0.1244

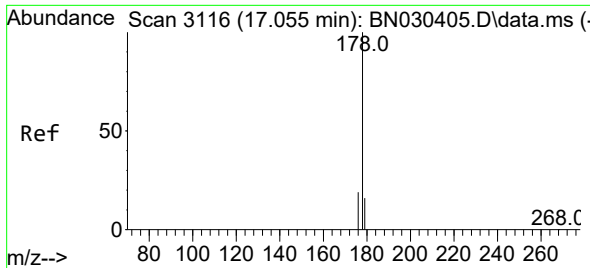
Tgt Ion:166 Resp: 1024
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.5 117.7
 167 20.7 12.7 19.1#



#14
 Pentachlorophenol
 Concen: 0.092 ng/ul
 RT: 16.671 min Scan# 3025
 Delta R.T. 0.004 min
 Lab File: BN030403.D
 Acq: 14 Mar 2024 19:12

Tgt Ion:266 Resp: 132
 Ion Ratio Lower Upper
 266 100
 264 60.6 0.0 0.0#
 268 55.3 0.0 0.0#

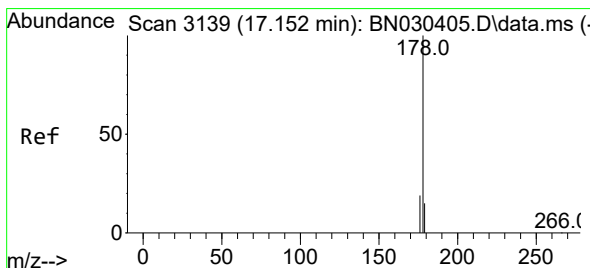
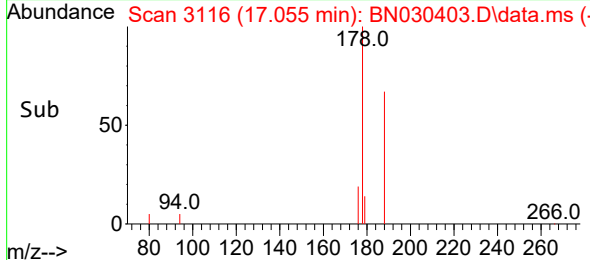
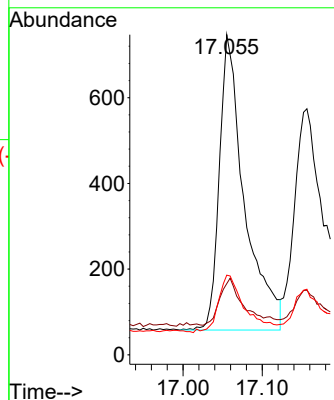
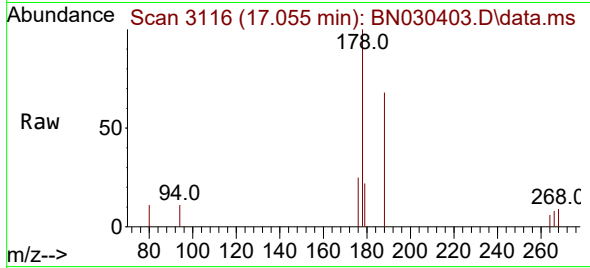




#15
Phenanthrene
Concen: 0.090 ng/ul
RT: 17.055 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BN030403.D
Acq: 14 Mar 2024 19:12

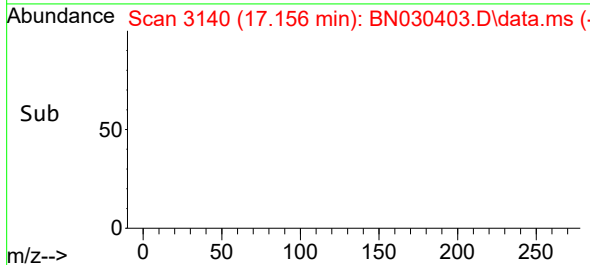
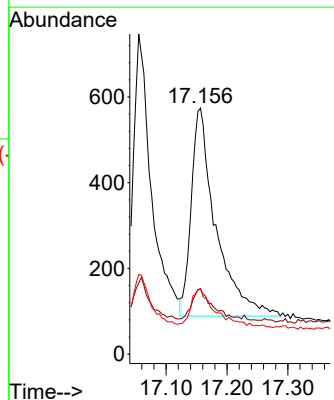
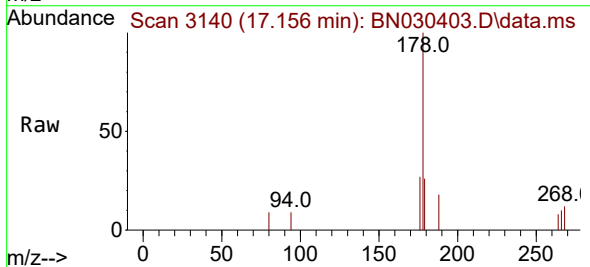
Instrument :
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ClientSampleId :
SSTD0.1244

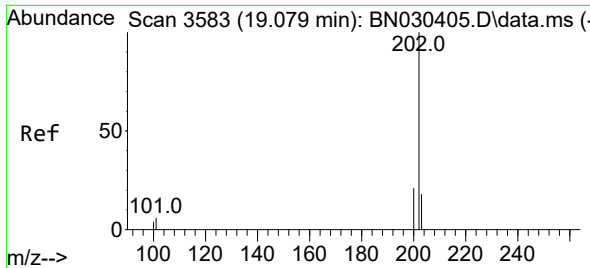
Tgt Ion:178 Resp: 1515
Ion Ratio Lower Upper
178 100
179 22.2 14.2 21.4#
176 24.9 16.8 25.2



#16
Anthracene
Concen: 0.092 ng/ul
RT: 17.156 min Scan# 3140
Delta R.T. 0.004 min
Lab File: BN030403.D
Acq: 14 Mar 2024 19:12

Tgt Ion:178 Resp: 1362
Ion Ratio Lower Upper
178 100
179 26.3 14.4 21.6#
176 26.7 16.5 24.7#

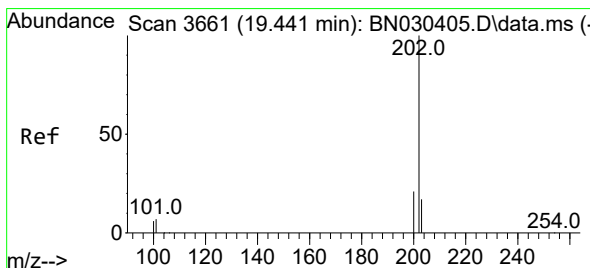
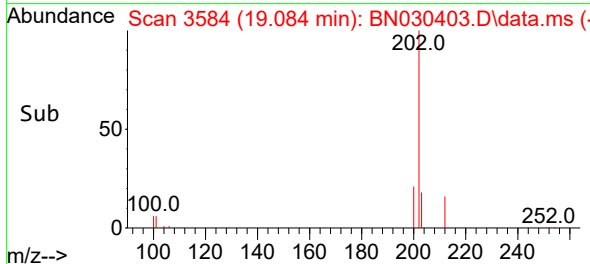
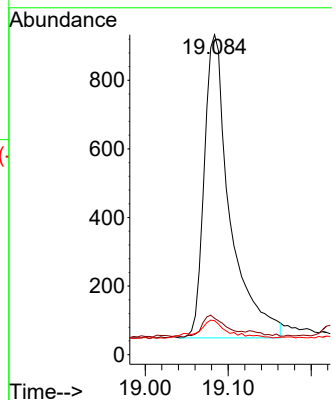
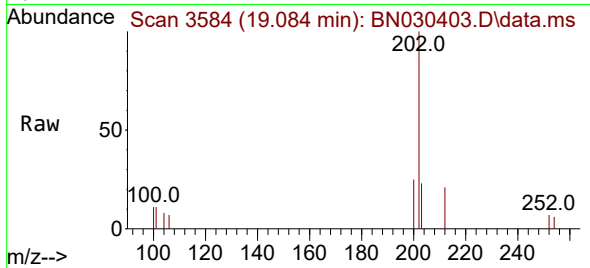




#19
Fluoranthene
Concen: 0.088 ng/ul
RT: 19.084 min Scan# 3584
Delta R.T. 0.005 min
Lab File: BN030403.D
Acq: 14 Mar 2024 19:12

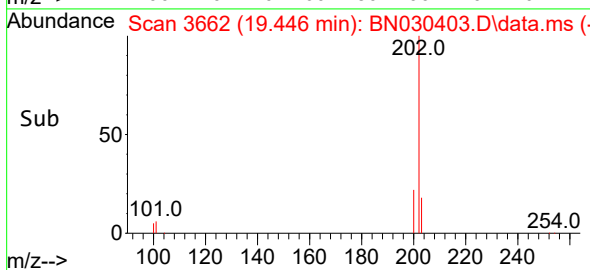
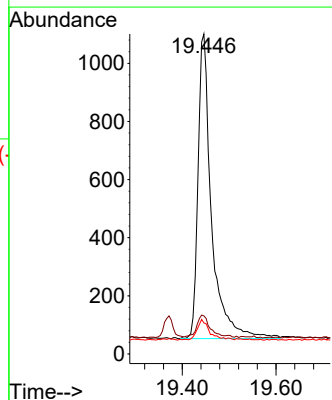
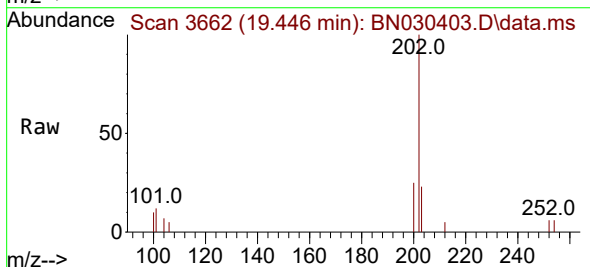
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ClientSampleId :
SSTD0.1244

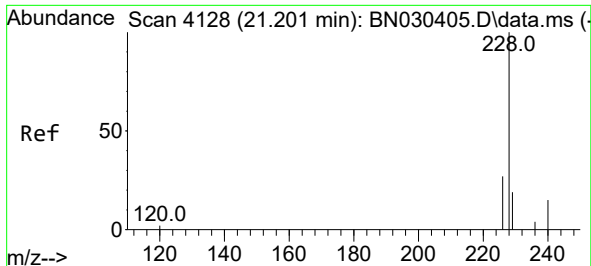
Tgt Ion:202 Resp: 1906
Ion Ratio Lower Upper
202 100
101 11.4 5.8 8.8#
100 10.6 5.2 7.8#



#20
Pyrene
Concen: 0.089 ng/ul
RT: 19.446 min Scan# 3662
Delta R.T. 0.005 min
Lab File: BN030403.D
Acq: 14 Mar 2024 19:12

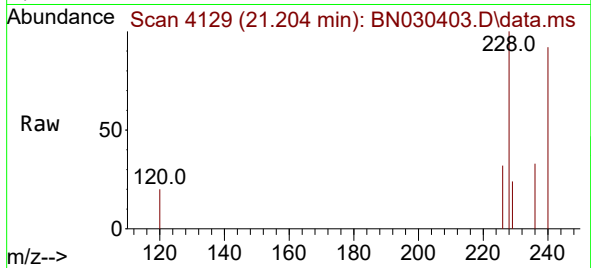
Tgt Ion:202 Resp: 2094
Ion Ratio Lower Upper
202 100
101 11.9 7.0 10.6#
100 9.7 6.2 9.4#



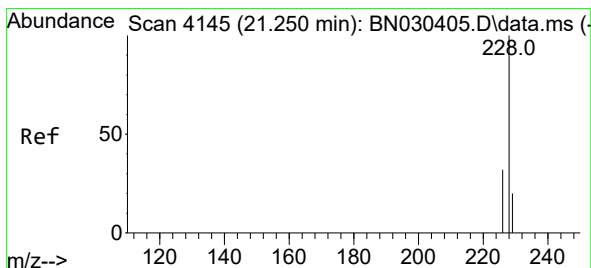
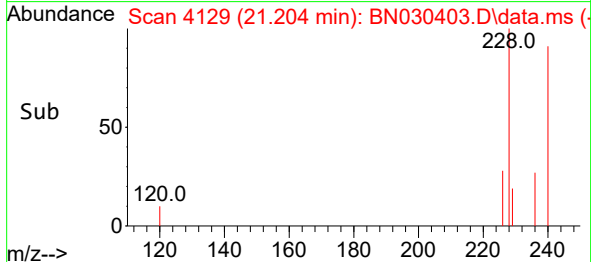
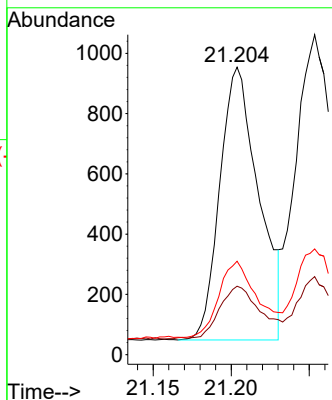


#21
Benzo(a)anthracene
Concen: 0.091 ng/ul
RT: 21.204 min Scan# 4128
Delta R.T. 0.003 min
Lab File: BN030403.D
Acq: 14 Mar 2024 19:12

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

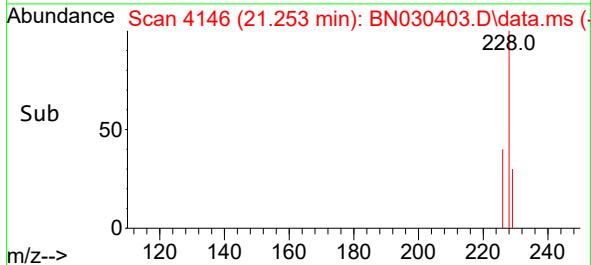
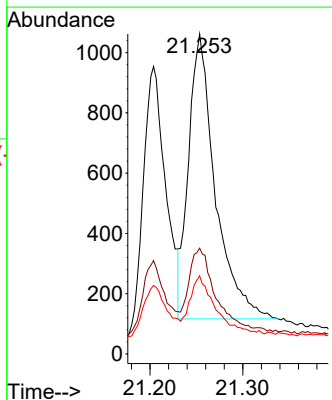
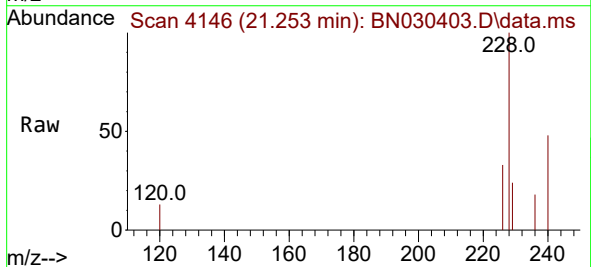


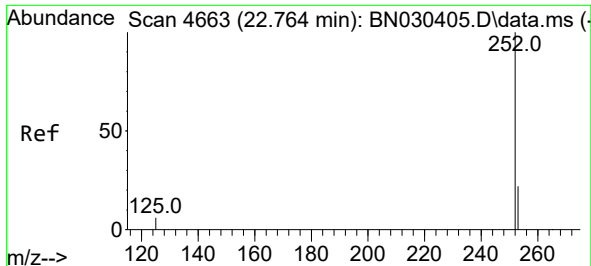
Tgt Ion:228 Resp: 1568
Ion Ratio Lower Upper
228 100
229 23.8 16.4 24.6
226 32.5 22.7 34.1



#22
Chrysene
Concen: 0.092 ng/ul
RT: 21.253 min Scan# 4146
Delta R.T. 0.003 min
Lab File: BN030403.D
Acq: 14 Mar 2024 19:12

Tgt Ion:228 Resp: 1898
Ion Ratio Lower Upper
228 100
226 33.1 25.6 38.4
229 24.4 16.6 25.0

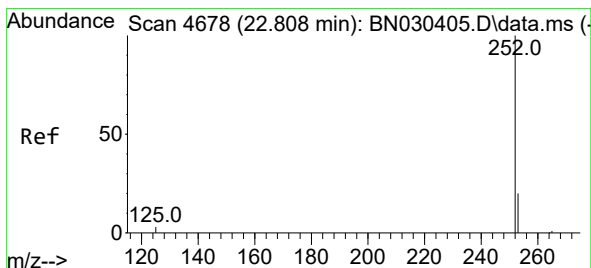
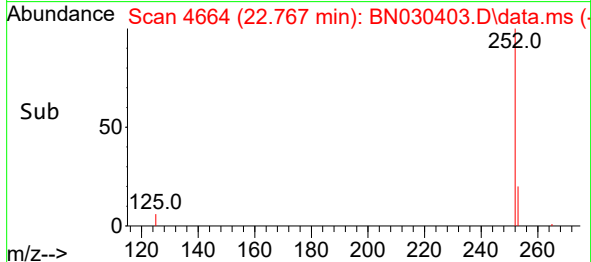
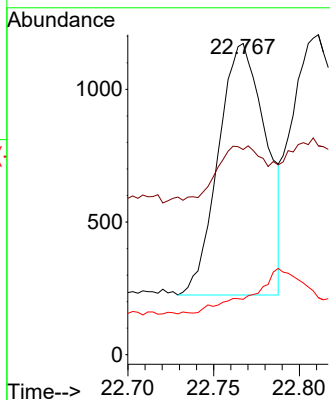
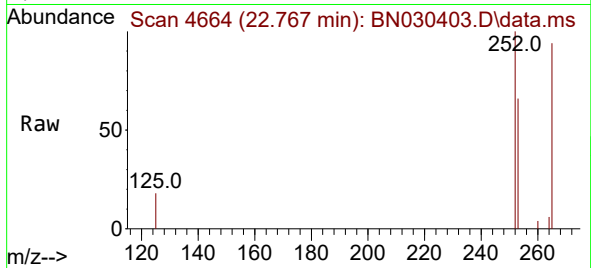




#24
Benzo(b)fluoranthene
Concen: 0.087 ng/ul
RT: 22.767 min Scan# 4664
Delta R.T. 0.003 min
Lab File: BN030403.D
Acq: 14 Mar 2024 19:12

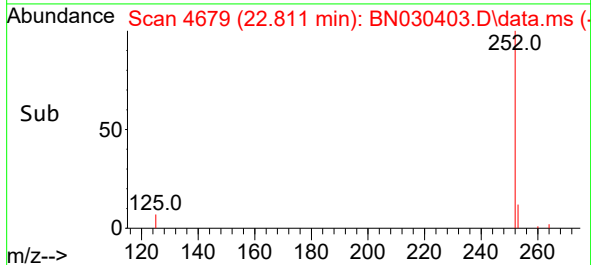
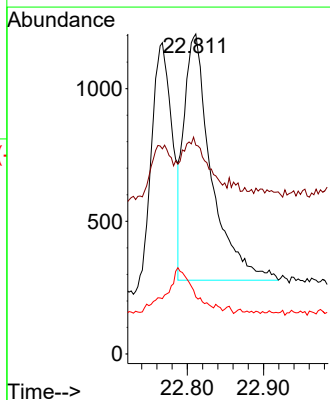
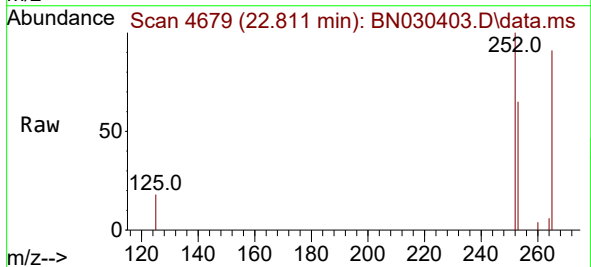
Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

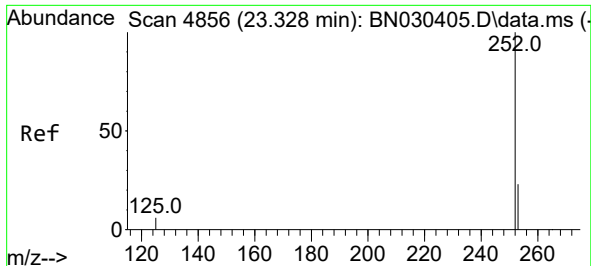
Tgt Ion:252 Resp: 1833
Ion Ratio Lower Upper
252 100
253 65.9 0.0 71.4
125 17.8 0.0 18.6



#25
Benzo(k)fluoranthene
Concen: 0.093 ng/ul
RT: 22.811 min Scan# 4679
Delta R.T. 0.003 min
Lab File: BN030403.D
Acq: 14 Mar 2024 19:12

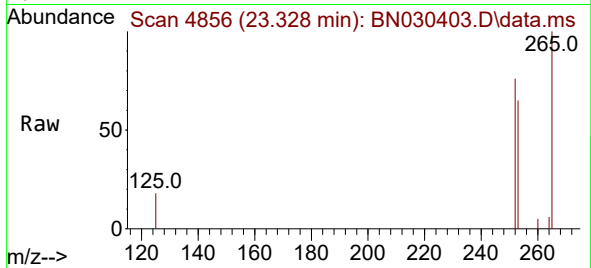
Tgt Ion:252 Resp: 2327
Ion Ratio Lower Upper
252 100
253 65.3 27.7 41.5#
125 17.8 8.0 12.0#



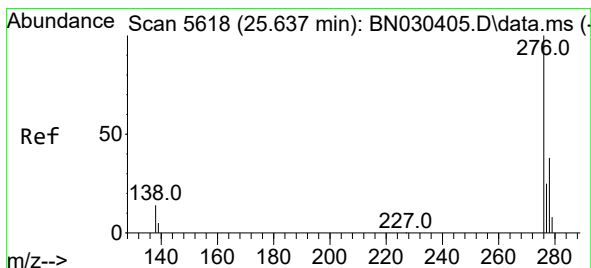
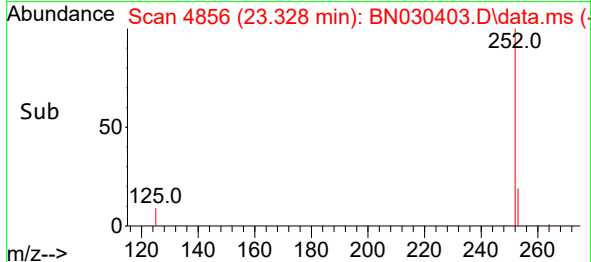
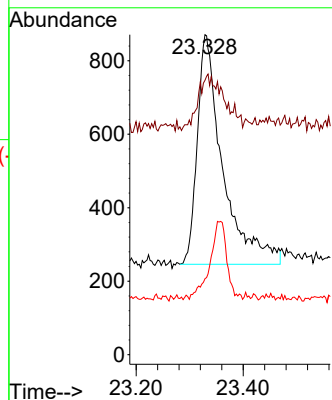


#26
Benzo(a)pyrene
Concen: 0.096 ng/ul
RT: 23.328 min Scan# 4856
Delta R.T. 0.000 min
Lab File: BN030403.D
Acq: 14 Mar 2024 19:12

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

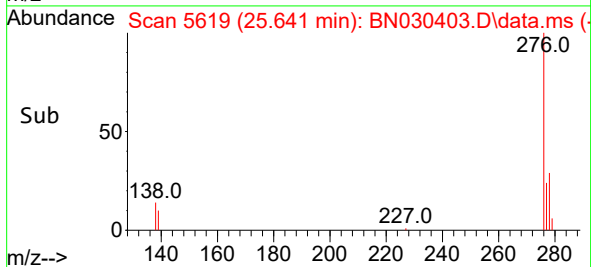
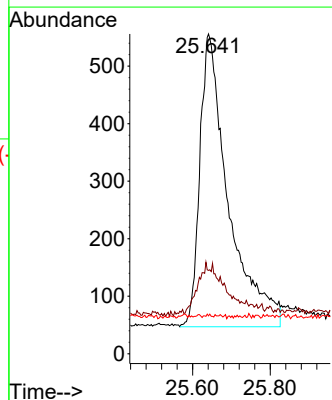
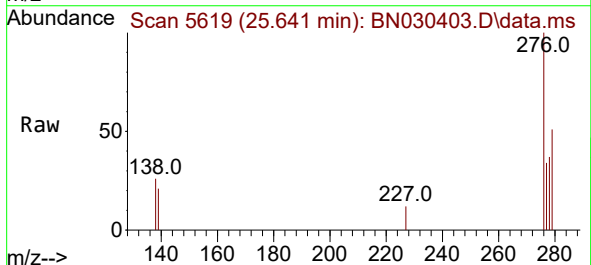


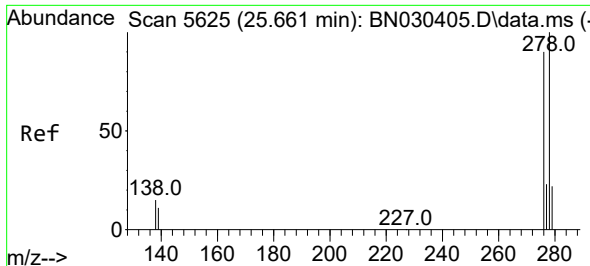
Tgt Ion:252 Resp: 2064
Ion Ratio Lower Upper
252 100
253 85.8 34.4 51.6#
125 23.8 9.0 13.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.094 ng/ul
RT: 25.641 min Scan# 5619
Delta R.T. 0.003 min
Lab File: BN030403.D
Acq: 14 Mar 2024 19:12

Tgt Ion:276 Resp: 2598
Ion Ratio Lower Upper
276 100
138 17.9 9.8 14.6#
227 0.2 0.0 0.0#

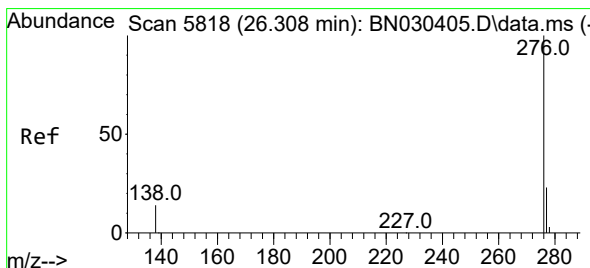
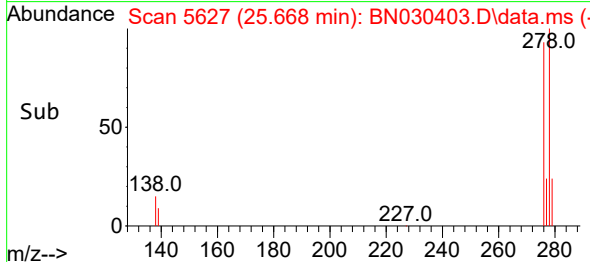
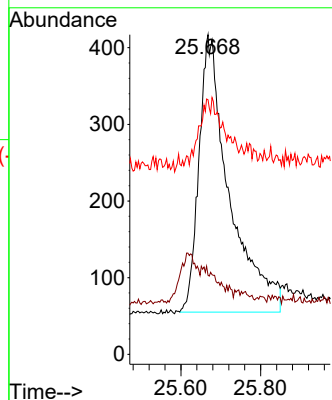
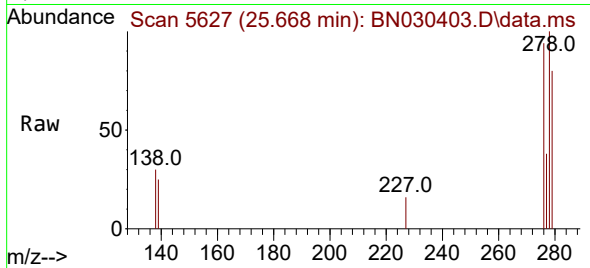




#28
 Dibenzo(a,h)anthracene
 Concen: 0.090 ng/ul
 RT: 25.668 min Scan# 5627
 Delta R.T. 0.007 min
 Lab File: BN030403.D
 Acq: 14 Mar 2024 19:12

Instrument :
 BNA_N
 ClientSampleId :
 SST0.1244

Tgt Ion:278 Resp: 1916
 Ion Ratio Lower Upper
 278 100
 139 24.7 12.2 18.2#
 279 79.6 31.8 47.6#



#29
 Benzo(g,h,i)perylene
 Concen: 0.092 ng/ul
 RT: 26.312 min Scan# 5819
 Delta R.T. 0.003 min
 Lab File: BN030403.D
 Acq: 14 Mar 2024 19:12

Tgt Ion:276 Resp: 2338
 Ion Ratio Lower Upper
 276 100
 138 23.3 13.4 20.2#
 277 31.8 20.6 31.0#

