

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032406.D
 Acq On : 02 Jul 2024 18:24
 Operator : MA/JU
 Sample : P2871-11
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CJ1

Quant Time: Jul 02 23:55:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

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

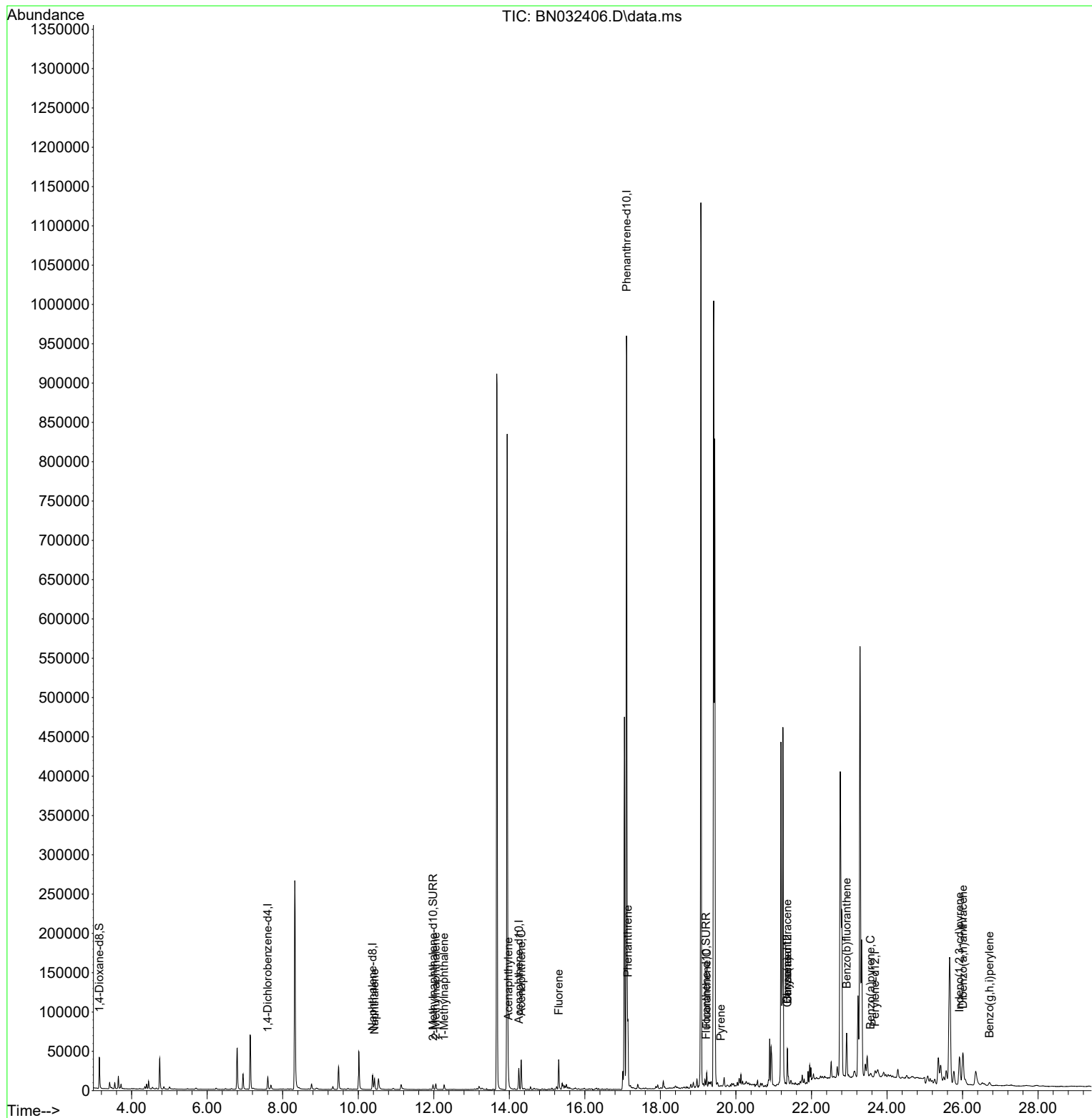
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	8233	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.381	136	25982	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.252	164	15255	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.103	188	1119765	0.400	ng/ul	# 0.08
17) Chrysene-d12	21.359	240	115	0.400	ng/ul	# 0.13
23) Perylene-d12	23.686	264	4021	0.400	ng/ul	# 0.23
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	28093	3.070	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.981	152	8487	0.218	ng/ul	-0.02
18) Fluoranthene-d10	19.207	212	58	0.168	ng/ul	0.15
Target Compounds						Qvalue
5) Naphthalene	10.430	128	18855	0.274	ng/ul	99
7) 2-Methylnaphthalene	12.052	142	5608	0.123	ng/ul	100
8) 1-Methylnaphthalene	12.272	142	4402	0.093	ng/ul	98
10) Acenaphthylene	13.974	152	22835	0.360	ng/ul	99
11) Acenaphthene	14.317	153	22876	0.465	ng/ul	99
12) Fluorene	15.307	166	24540	0.418	ng/ul	99
15) Phenanthrene	17.141	178	83033	0.027	ng/ul	98
19) Fluoranthene	19.225	202	13765	31.433	ng/ul#	91
20) Pyrene	19.602	202	847	1.851	ng/ul#	48
21) Benzo(a)anthracene	21.362	228	38815	93.515	ng/ul#	53
22) Chrysene	21.362	228	39354	86.384	ng/ul#	56
24) Benzo(b)fluoranthene	22.931	252	66556	3.810	ng/ul	86
26) Benzo(a)pyrene	23.563	252	2187	0.180	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.917	276	13879	0.729	ng/ul#	38
28) Dibenzo(a,h)anthracene	26.010	278	67284	4.758	ng/ul	92
29) Benzo(g,h,i)perylene	26.715	276	6799	0.448	ng/ul#	31

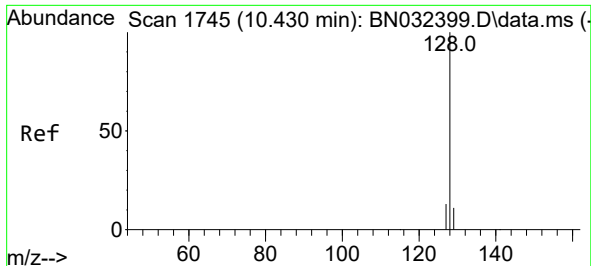
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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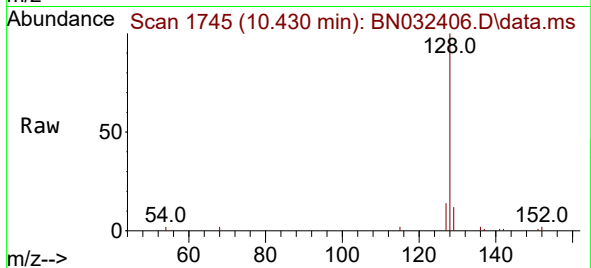
Quant Time: Jul 02 23:55:40 2024
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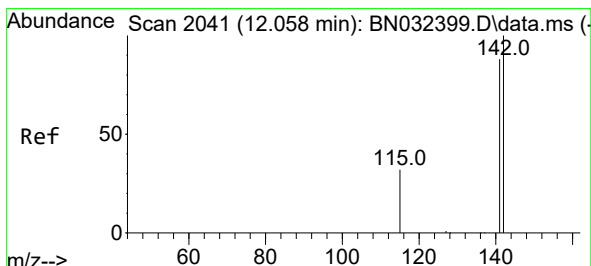
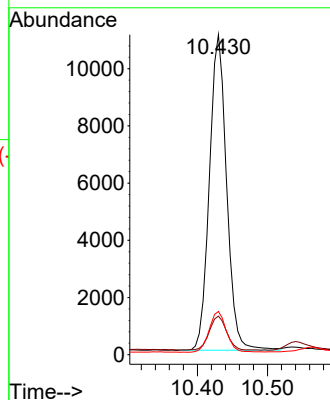
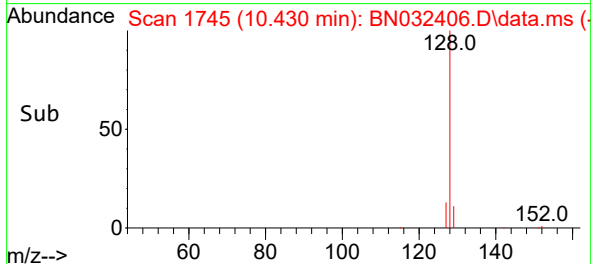


#5
Naphthalene
Concen: 0.274 ng/ul
RT: 10.430 min Scan# 1745
Delta R.T. -0.018 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

Instrument :
BNA_N
ClientSampleId :
A4CJ1

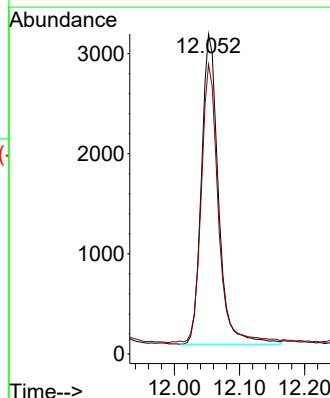
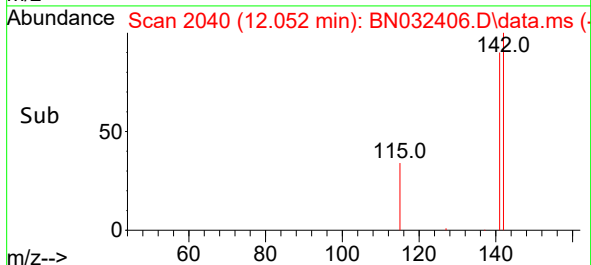
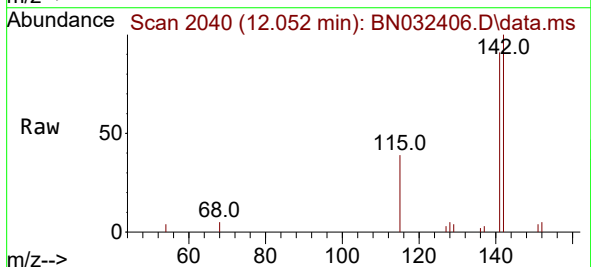


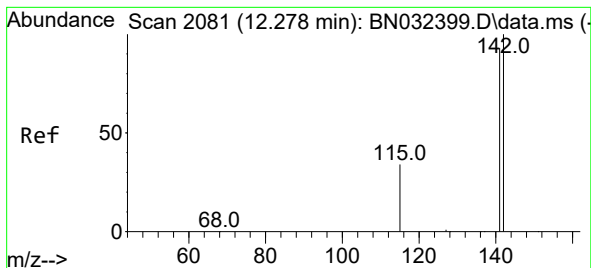
Tgt Ion:128 Resp: 18855
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.5 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 12.052 min Scan# 2040
Delta R.T. -0.023 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

Tgt Ion:142 Resp: 5608
Ion Ratio Lower Upper
142 100
141 90.6 72.2 108.2





#8

1-Methylnaphthalene

Concen: 0.093 ng/ul

RT: 12.272 min Scan# 2081

Delta R.T. -0.023 min

Lab File: BN032406.D

Acq: 02 Jul 2024 18:24

Instrument :

BNA_N

ClientSampleId :

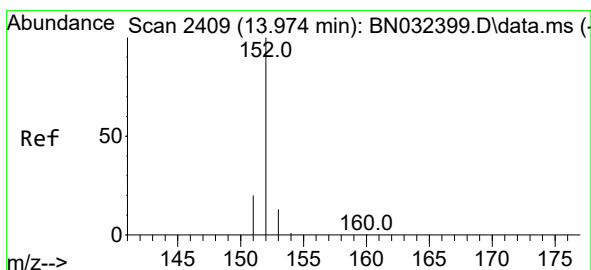
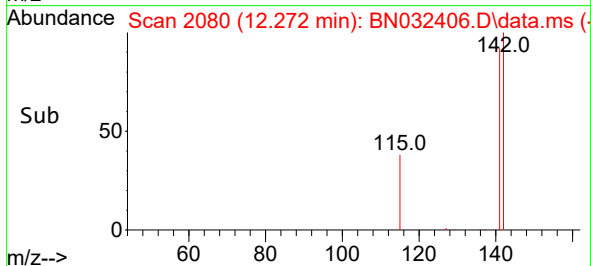
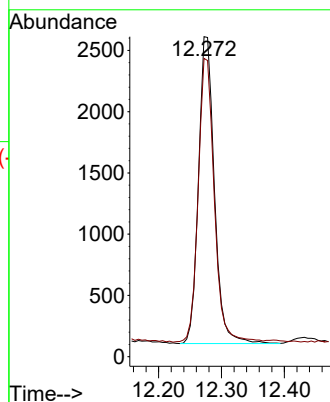
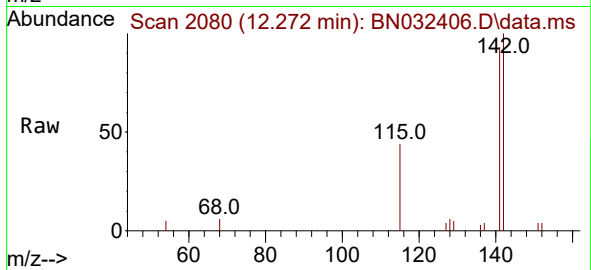
A4CJ1

Tgt Ion:142 Resp: 4402

Ion Ratio Lower Upper

142 100

141 93.3 73.4 110.0



#10

Acenaphthylene

Concen: 0.360 ng/ul

RT: 13.974 min Scan# 2409

Delta R.T. -0.015 min

Lab File: BN032406.D

Acq: 02 Jul 2024 18:24

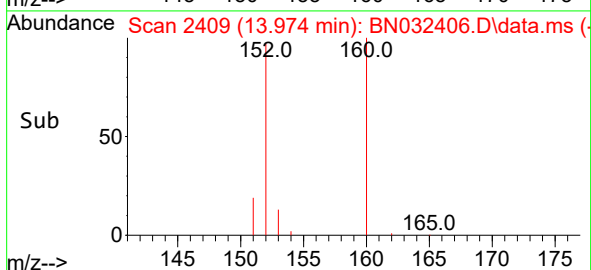
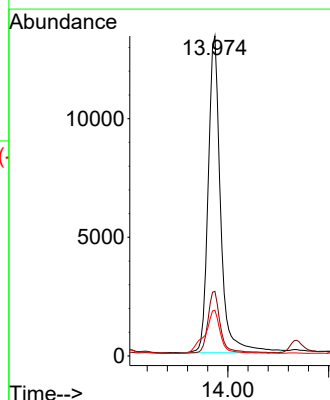
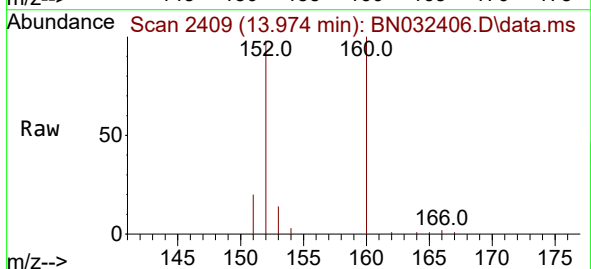
Tgt Ion:152 Resp: 22835

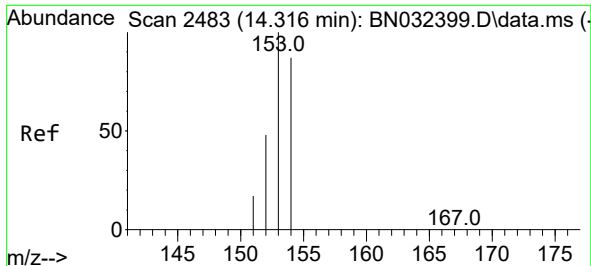
Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

153 14.3 10.9 16.3

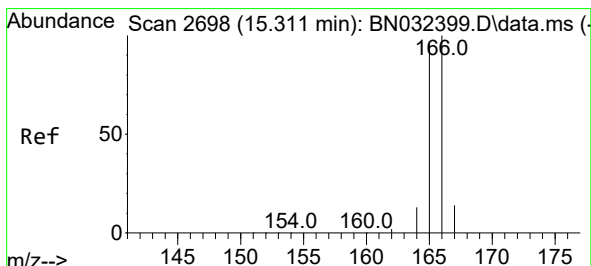
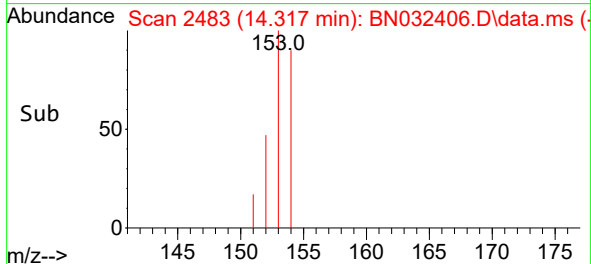
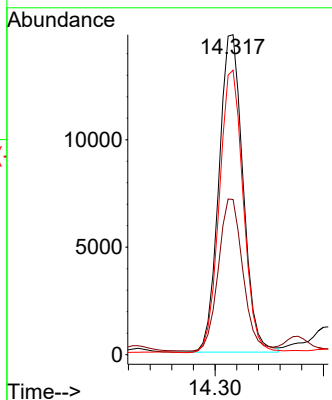
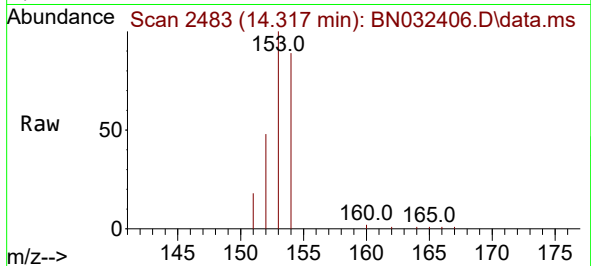




#11
Acenaphthene
Concen: 0.465 ng/ul
RT: 14.317 min Scan# 2483
Delta R.T. -0.015 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

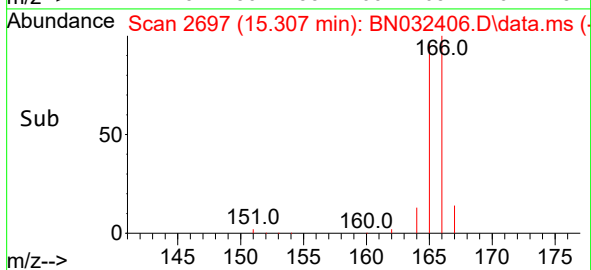
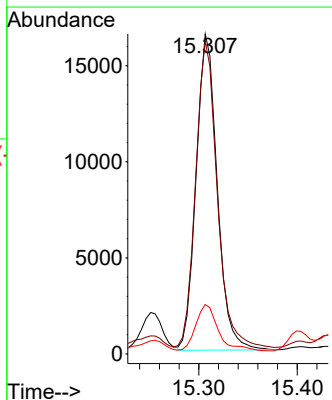
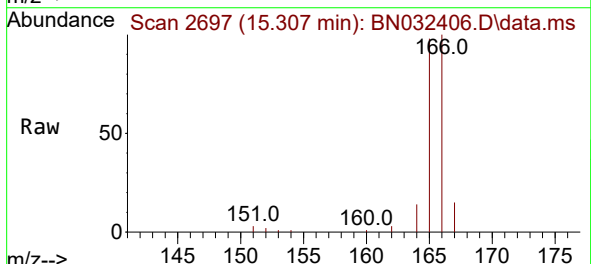
Instrument :
BNA_N
ClientSampleId :
A4CJ1

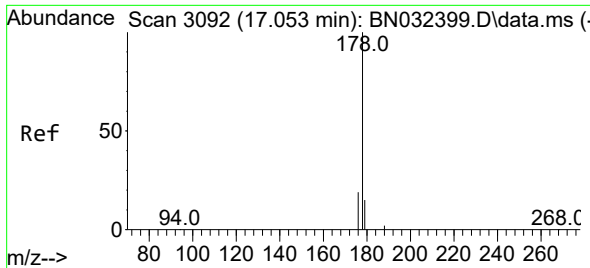
Tgt Ion:153 Resp: 22876
Ion Ratio Lower Upper
153 100
152 48.5 39.5 59.3
154 88.9 71.7 107.5



#12
Fluorene
Concen: 0.418 ng/ul
RT: 15.307 min Scan# 2697
Delta R.T. -0.020 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

Tgt Ion:166 Resp: 24540
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.6
167 15.4 11.0 16.6

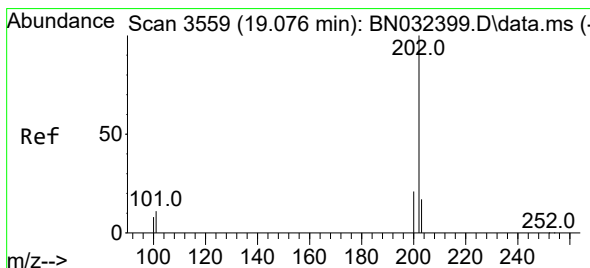
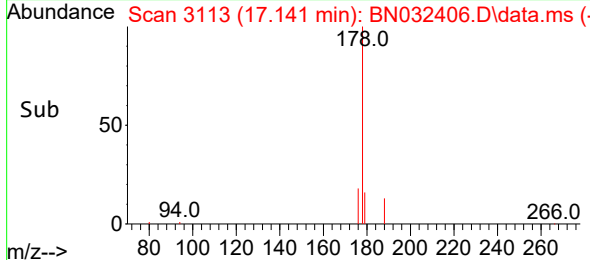
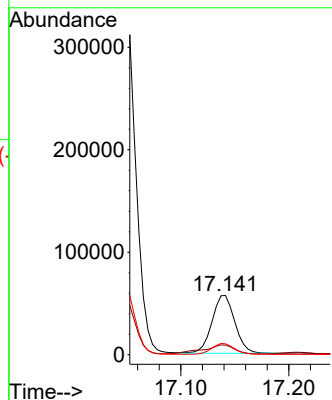
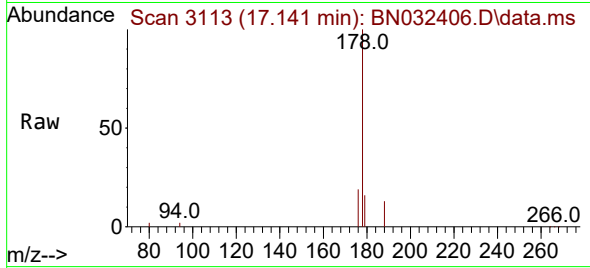




#15
Phenanthrene
Concen: 0.027 ng/ul
RT: 17.141 min Scan# 3113
Delta R.T. 0.075 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

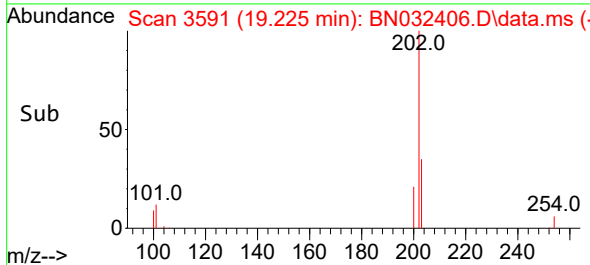
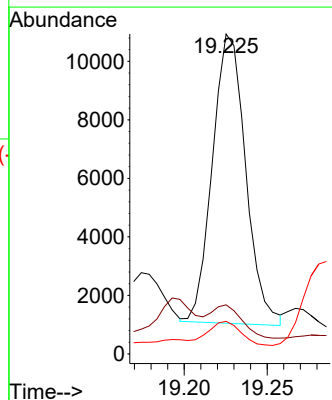
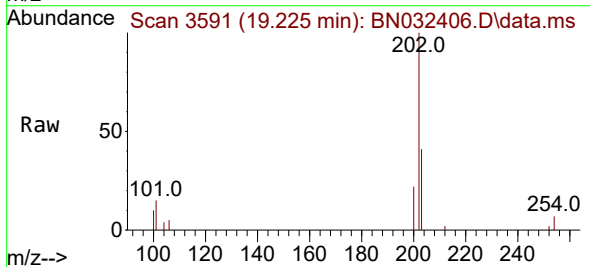
Instrument :
BNA_N
ClientSampleId :
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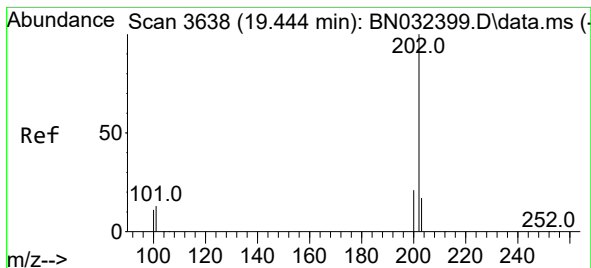
Tgt Ion:178 Resp: 83033
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 18.5 15.6 23.4



#19
Fluoranthene
Concen: 31.433 ng/ul
RT: 19.225 min Scan# 3591
Delta R.T. 0.133 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

Tgt Ion:202 Resp: 13765
Ion Ratio Lower Upper
202 100
101 15.3 8.8 13.2#
100 10.2 6.4 9.6#





#20

Pyrene

Concen: 1.851 ng/ul

RT: 19.602 min Scan# 3

Delta R.T. 0.147 min

Lab File: BN032406.D

Acq: 02 Jul 2024 18:24

Instrument :

BNA_N

ClientSampleId :

A4CJ1

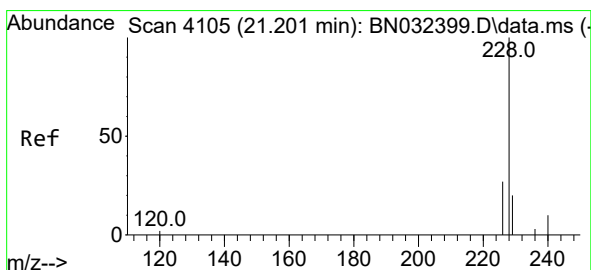
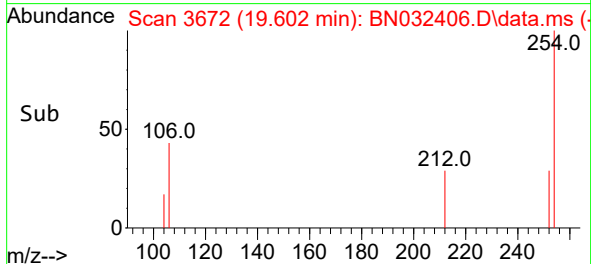
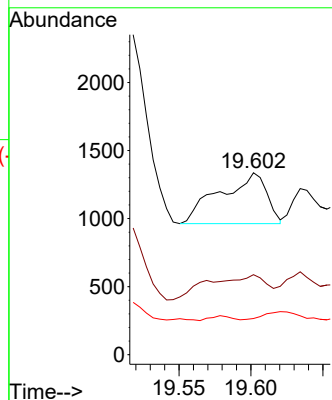
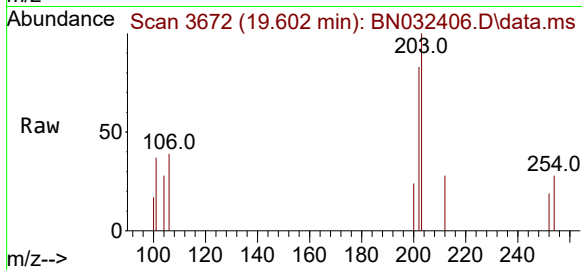
Tgt Ion:202 Resp: 847

Ion Ratio Lower Upper

202 100

101 44.0 11.0 16.4#

100 19.8 8.7 13.1#



#21

Benzo(a)anthracene

Concen: 93.515 ng/ul

RT: 21.362 min Scan# 4160

Delta R.T. 0.148 min

Lab File: BN032406.D

Acq: 02 Jul 2024 18:24

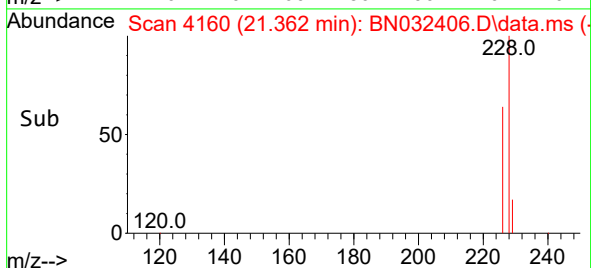
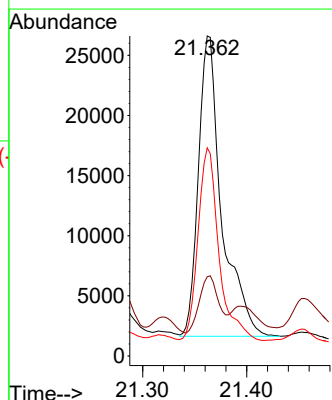
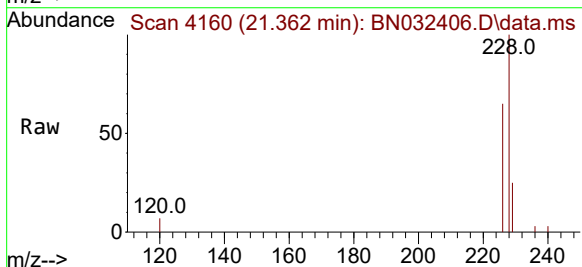
Tgt Ion:228 Resp: 38815

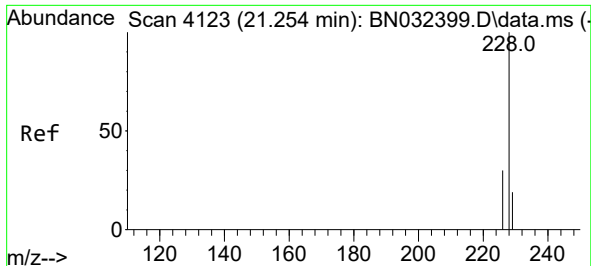
Ion Ratio Lower Upper

228 100

229 24.7 15.7 23.5#

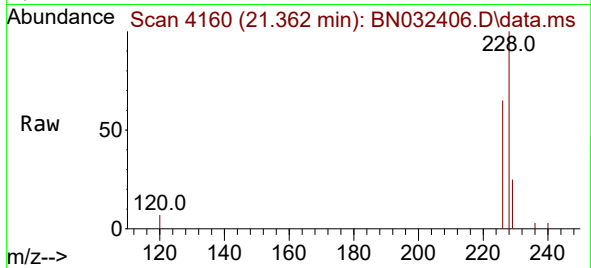
226 65.1 21.8 32.8#



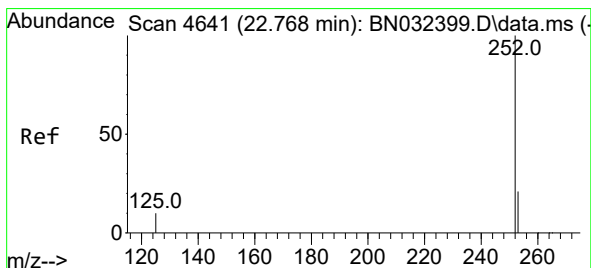
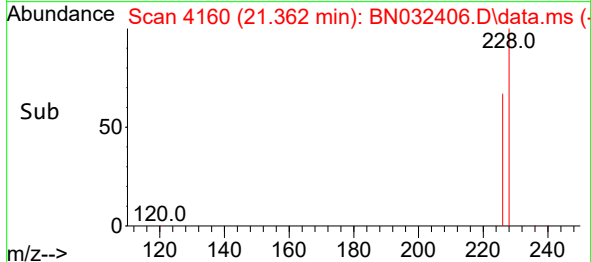
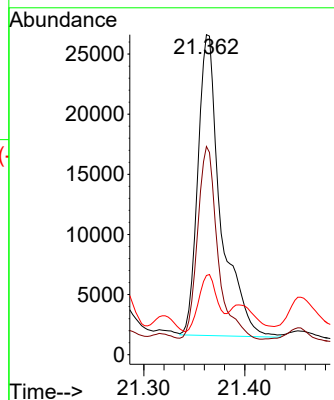


#22
Chrysene
Concen: 86.384 ng/ul
RT: 21.362 min Scan# 4123
Delta R.T. 0.095 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

Instrument :
BNA_N
ClientSampleId :
A4CJ1

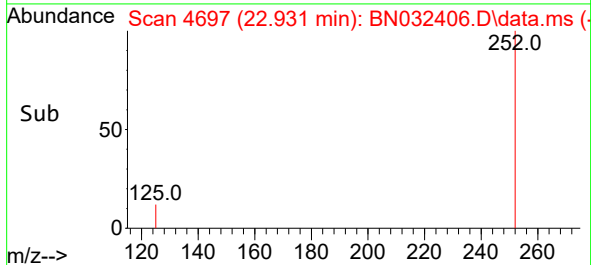
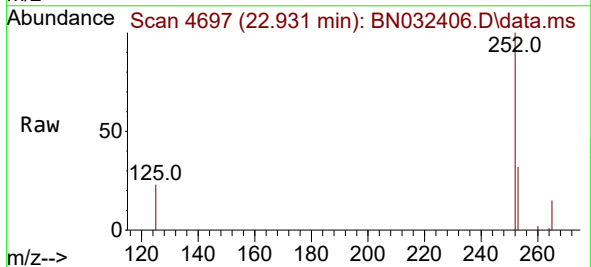
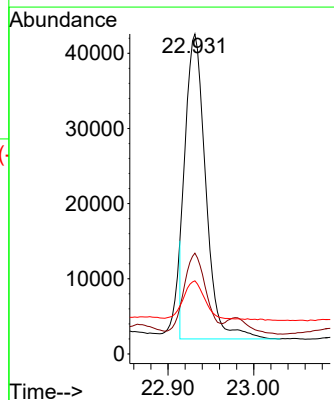


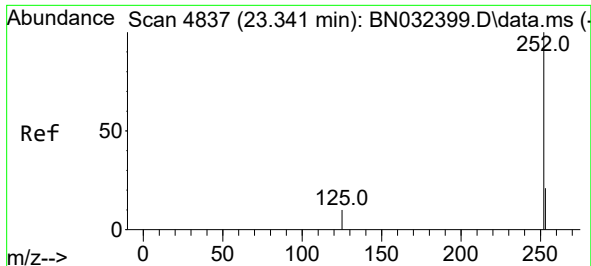
Tgt Ion:228 Resp: 39354
Ion Ratio Lower Upper
228 100
226 65.1 23.6 35.4#
229 24.7 15.7 23.5#



#24
Benzo(b)fluoranthene
Concen: 3.810 ng/ul
RT: 22.931 min Scan# 4697
Delta R.T. 0.148 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

Tgt Ion:252 Resp: 66556
Ion Ratio Lower Upper
252 100
253 31.5 0.0 50.2
125 22.8 0.0 32.0

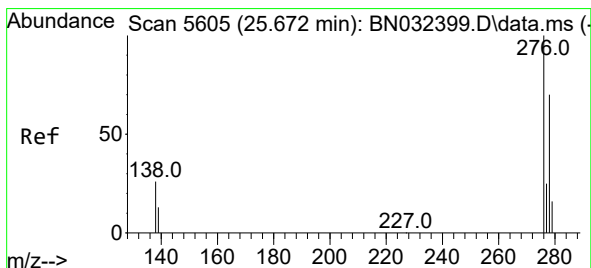
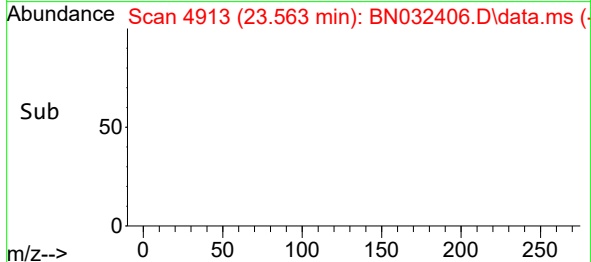
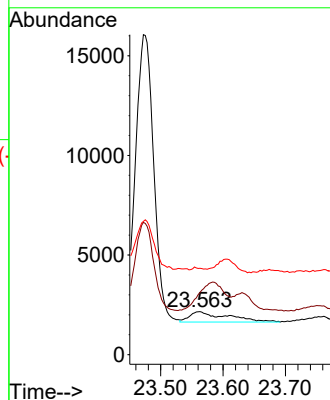
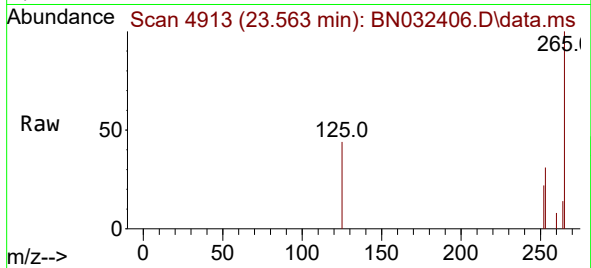




#26
Benzo(a)pyrene
Concen: 0.180 ng/ul
RT: 23.563 min Scan# 4913
Delta R.T. 0.203 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

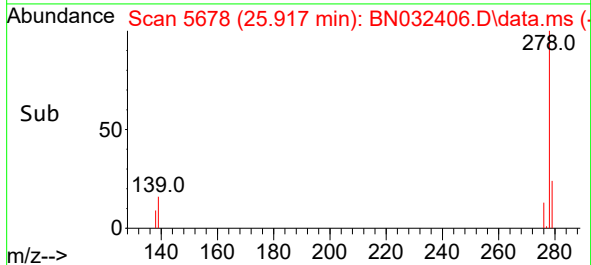
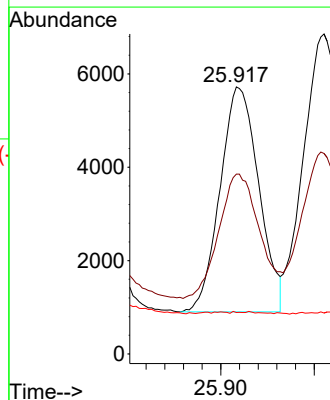
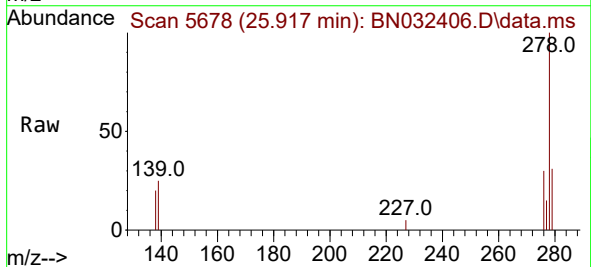
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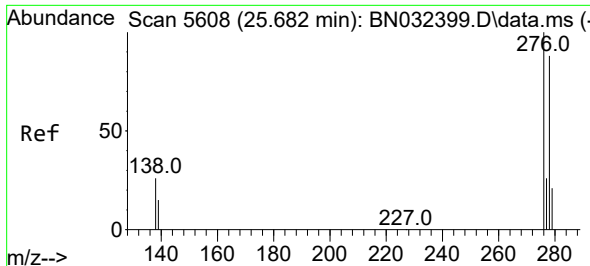
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Ion Ratio Lower Upper
252 100
253 144.3 22.2 33.2#
125 200.6 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.729 ng/ul
RT: 25.917 min Scan# 5678
Delta R.T. 0.217 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

Tgt Ion:276 Resp: 13879
Ion Ratio Lower Upper
276 100
138 58.4 21.3 31.9#
227 0.2 0.1 0.1#

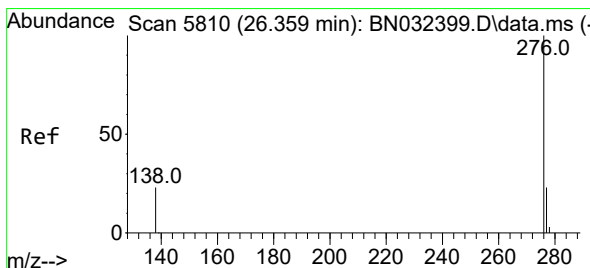
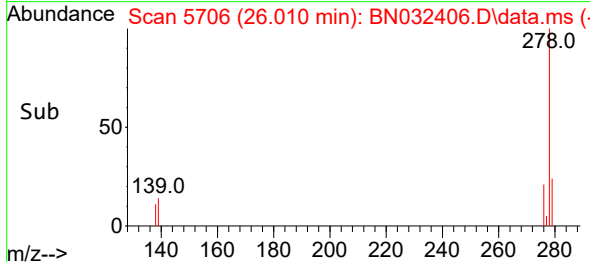
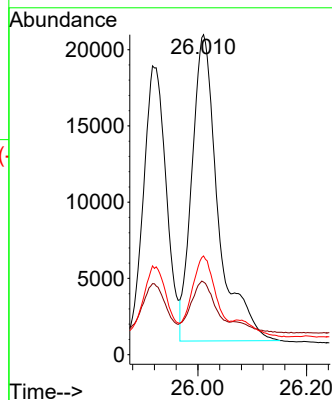
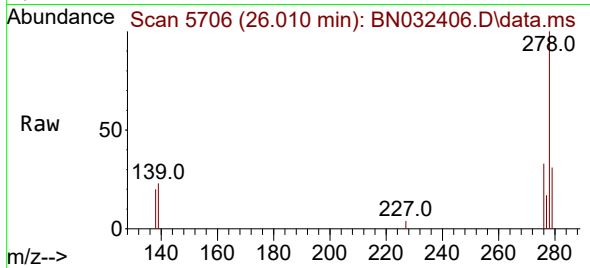




#28
Dibenzo(a,h)anthracene
Concen: 4.758 ng/ul
RT: 26.010 min Scan# 51
Delta R.T. 0.300 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

Instrument :
BNA_N
ClientSampleId :
A4CJ1

Tgt Ion:278 Resp: 67284
Ion Ratio Lower Upper
278 100
139 22.7 15.9 23.9
279 30.8 21.1 31.7



#29
Benzo(g,h,i)perylene
Concen: 0.448 ng/ul
RT: 26.715 min Scan# 5916
Delta R.T. 0.334 min
Lab File: BN032406.D
Acq: 02 Jul 2024 18:24

Tgt Ion:276 Resp: 6799
Ion Ratio Lower Upper
276 100
138 59.7 19.8 29.6#
277 58.1 19.8 29.6#

