

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032372.D
 Acq On : 01 Jul 2024 21:20
 Operator : MA/JU
 Sample : P2934-11DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CP7DL

Quant Time: Jul 01 23:45:56 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)

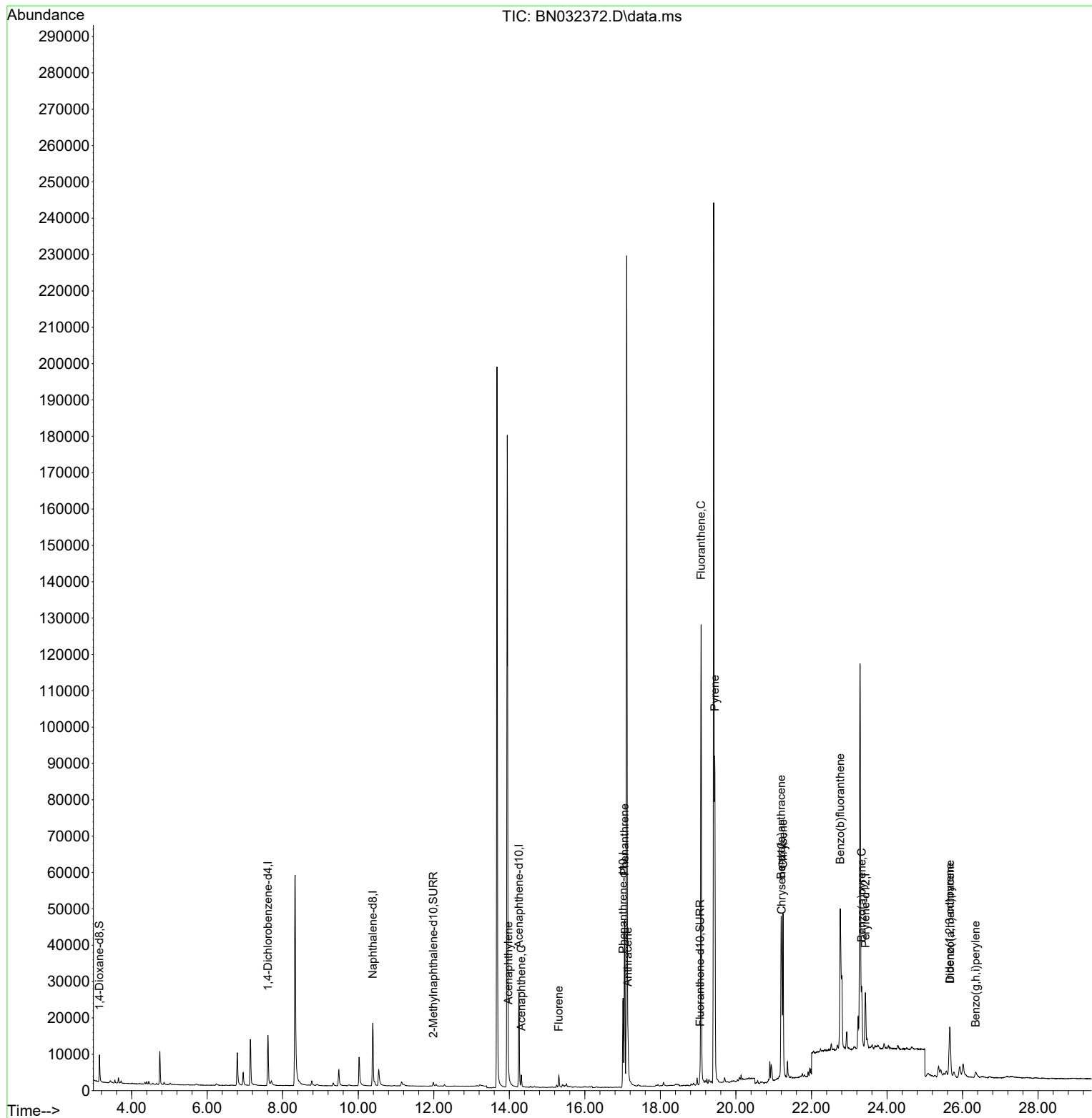
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	7977	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.386	136	25898	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.256	164	15392	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.010	188	29922	0.400	ng/ul	-0.01
17) Chrysene-d12	21.213	240	19399	0.400	ng/ul	#-0.01
23) Perylene-d12	23.428	264	21615	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	5384	0.607	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.986	152	1749	0.045	ng/ul	-0.01
18) Fluoranthene-d10	19.049	212	3381	0.058	ng/ul	-0.01
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.974	152	1928	0.030	ng/ul#	85
11) Acenaphthene	14.317	153	1857	0.037	ng/ul	97
12) Fluorene	15.311	166	2264	0.038	ng/ul#	98
15) Phenanthrene	17.053	178	51531	0.628	ng/ul	99
16) Anthracene	17.141	178	9397	0.128	ng/ul#	94
19) Fluoranthene	19.077	202	112981	1.529	ng/ul	99
20) Pyrene	19.439	202	75290	0.975	ng/ul	99
21) Benzo(a)anthracene	21.196	228	42541	0.608	ng/ul	97
22) Chrysene	21.248	228	42481	0.553	ng/ul	96
24) Benzo(b)fluoranthene	22.762	252	85644	0.912	ng/ul	96
26) Benzo(a)pyrene	23.329	252	21093	0.323	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.662	276	22918	0.224	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.668	278	7094	0.093	ng/ul#	49
29) Benzo(g,h,i)perylene	26.349	276	3408	0.042	ng/ul#	41

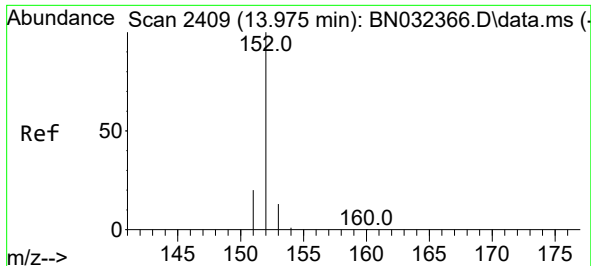
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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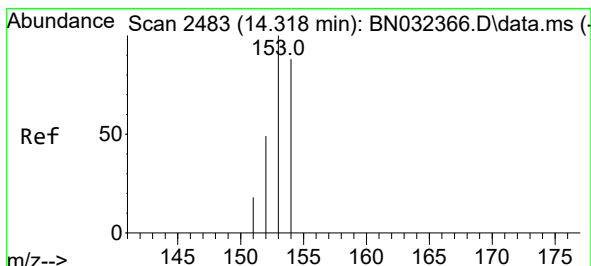
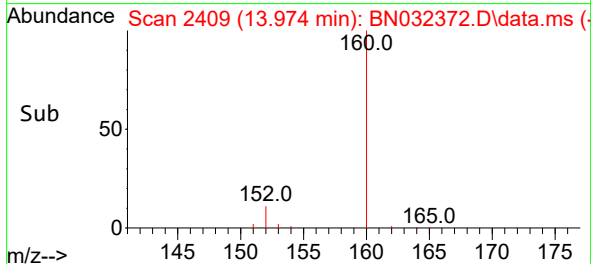
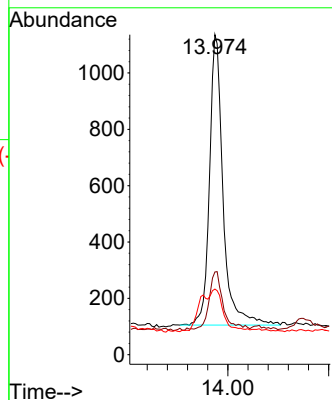
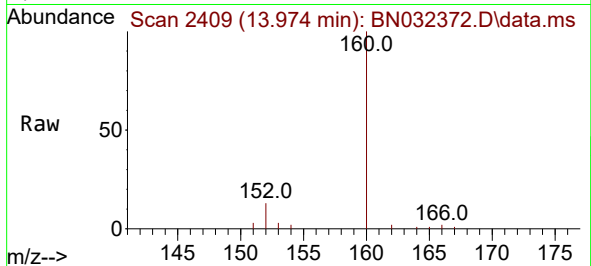




#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 13.974 min Scan# 2409
Delta R.T. -0.015 min
Lab File: BN032372.D
Acq: 01 Jul 2024 21:20

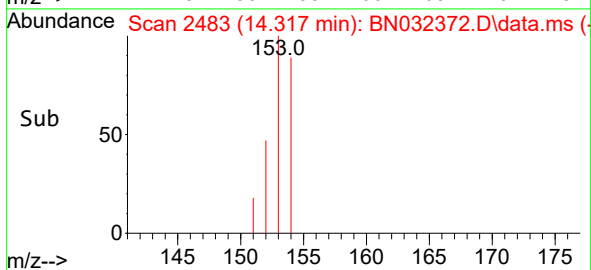
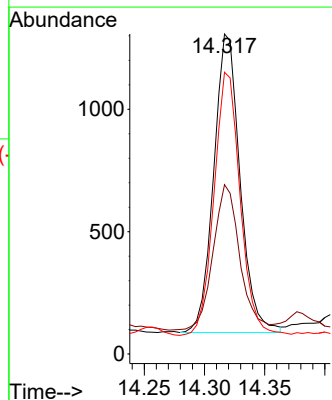
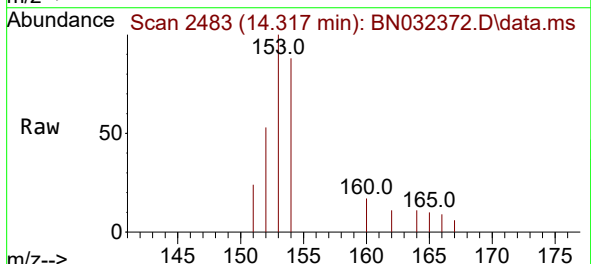
Instrument :
BNA_N
ClientSampleId :
A4CP7DL

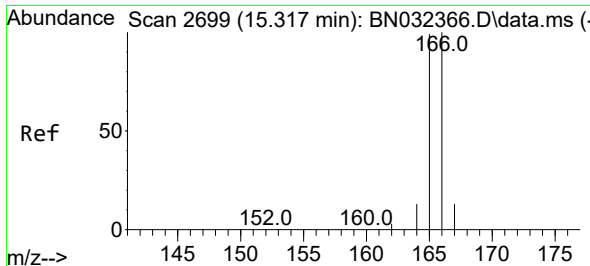
Tgt Ion:152 Resp: 1928
Ion Ratio Lower Upper
152 100
151 25.9 15.7 23.5#
153 20.5 10.9 16.3#



#11
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.317 min Scan# 2483
Delta R.T. -0.015 min
Lab File: BN032372.D
Acq: 01 Jul 2024 21:20

Tgt Ion:153 Resp: 1857
Ion Ratio Lower Upper
153 100
152 52.9 39.5 59.3
154 88.1 71.7 107.5

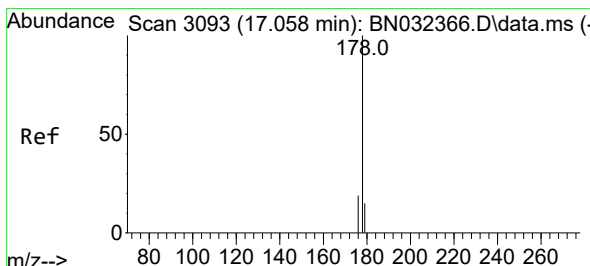
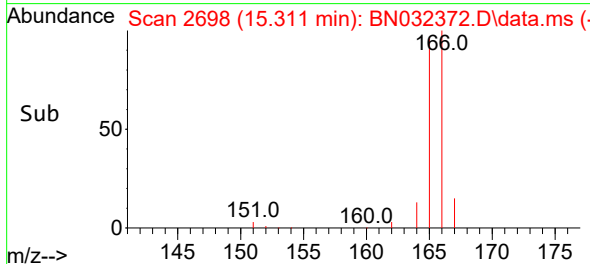
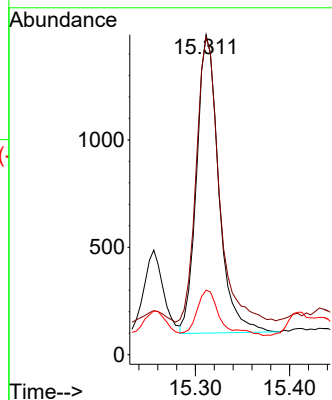
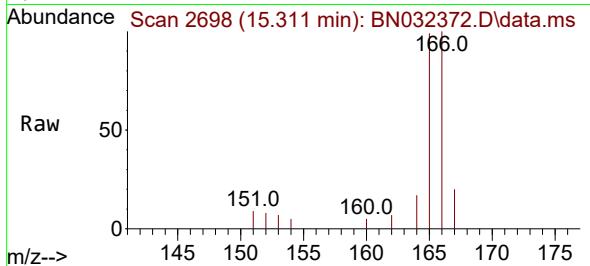




#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.311 min Scan# 2698
Delta R.T. -0.015 min
Lab File: BN032372.D
Acq: 01 Jul 2024 21:20

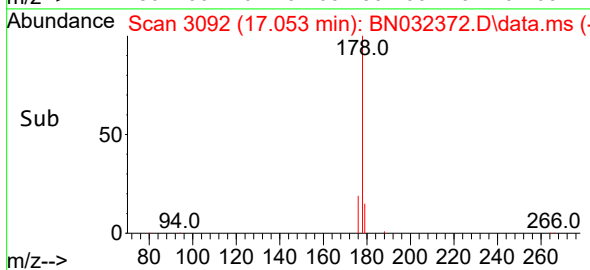
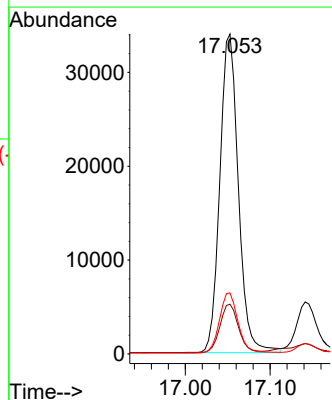
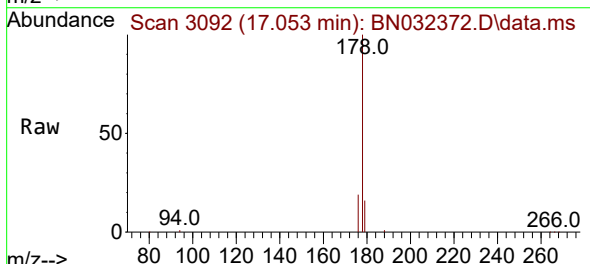
Instrument :
BNA_N
ClientSampleId :
A4CP7DL

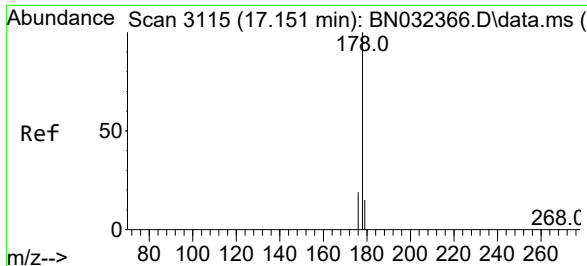
Tgt Ion:166 Resp: 2264
Ion Ratio Lower Upper
166 100
165 99.2 79.0 118.6
167 20.1 11.0 16.6#



#15
Phenanthrene
Concen: 0.628 ng/ul
RT: 17.053 min Scan# 3092
Delta R.T. -0.014 min
Lab File: BN032372.D
Acq: 01 Jul 2024 21:20

Tgt Ion:178 Resp: 51531
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.1 15.6 23.4

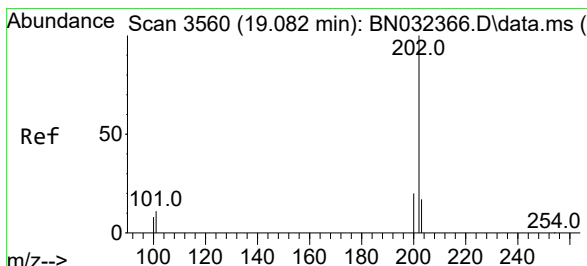
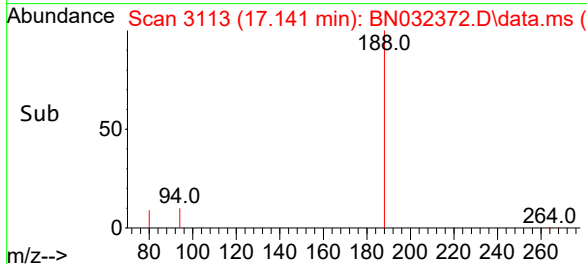
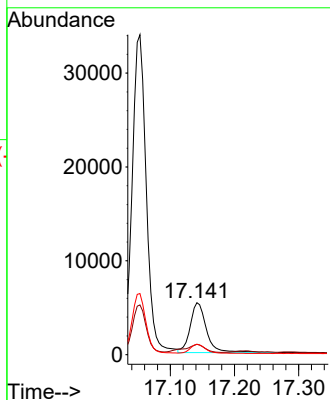
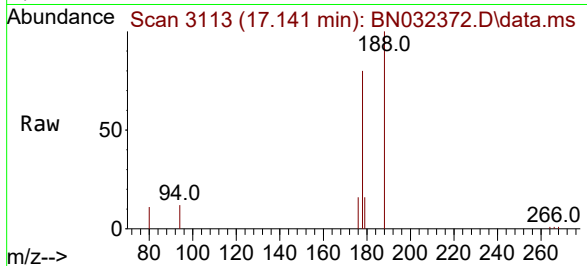




#16
Anthracene
Concen: 0.128 ng/ul
RT: 17.141 min Scan# 3115
Delta R.T. -0.018 min
Lab File: BN032372.D
Acq: 01 Jul 2024 21:20

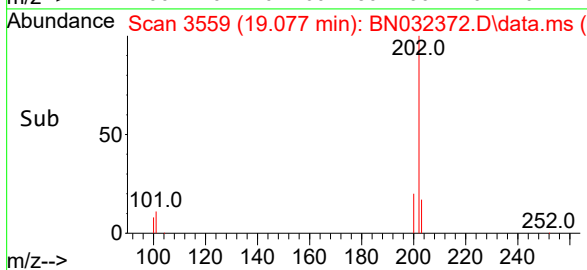
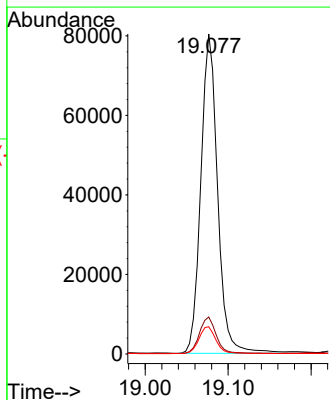
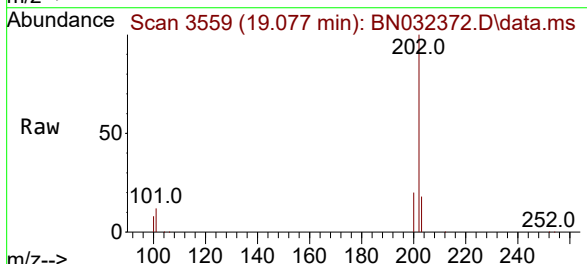
Instrument :
BNA_N
ClientSampleId :
A4CP7DL

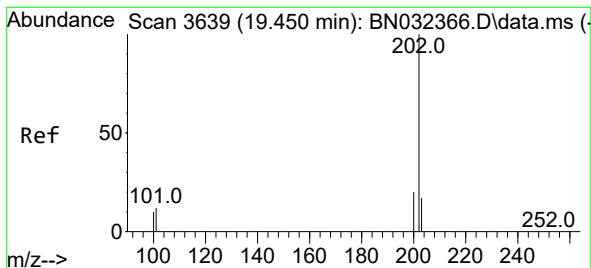
Tgt Ion:178 Resp: 9397
Ion Ratio Lower Upper
178 100
179 19.9 12.5 18.7#
176 19.9 15.0 22.6



#19
Fluoranthene
Concen: 1.529 ng/ul
RT: 19.077 min Scan# 3559
Delta R.T. -0.015 min
Lab File: BN032372.D
Acq: 01 Jul 2024 21:20

Tgt Ion:202 Resp: 112981
Ion Ratio Lower Upper
202 100
101 11.5 8.8 13.2
100 8.5 6.4 9.6





#20

Pyrene

Concen: 0.975 ng/ul

RT: 19.439 min Scan# 30

Delta R.T. -0.015 min

Lab File: BN032372.D

Acq: 01 Jul 2024 21:20

Instrument :

BNA_N

ClientSampleId :

A4CP7DL

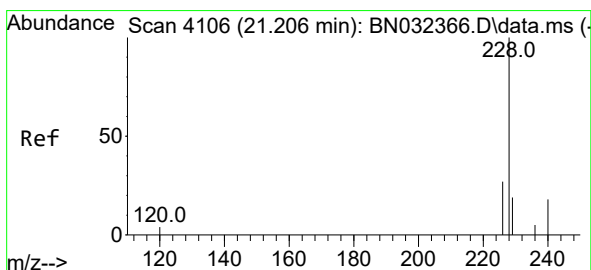
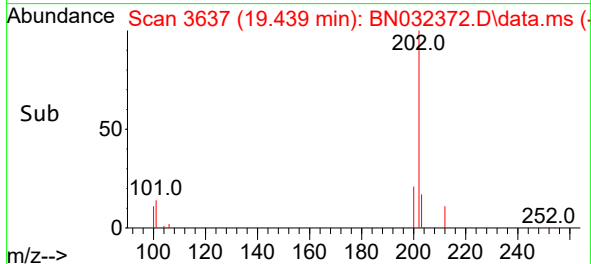
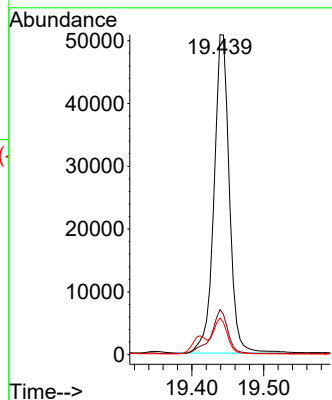
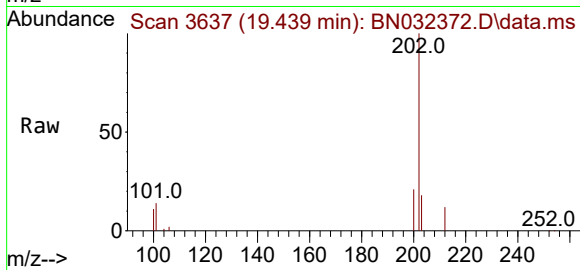
Tgt Ion:202 Resp: 75290

Ion Ratio Lower Upper

202 100

101 14.1 11.0 16.4

100 11.4 8.7 13.1



#21

Benzo(a)anthracene

Concen: 0.608 ng/ul

RT: 21.196 min Scan# 4103

Delta R.T. -0.019 min

Lab File: BN032372.D

Acq: 01 Jul 2024 21:20

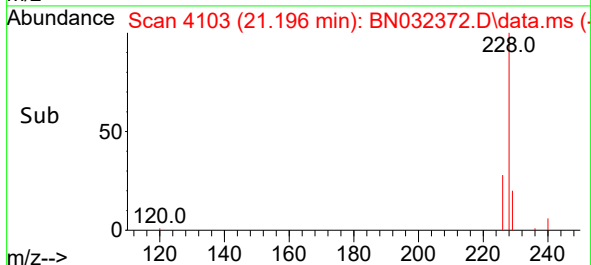
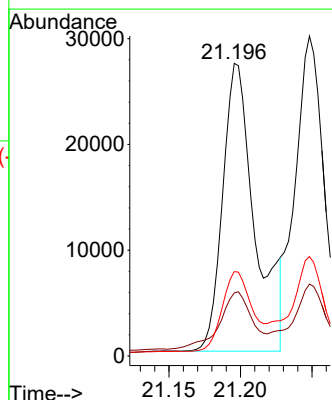
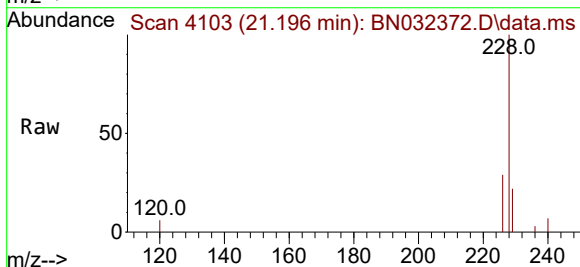
Tgt Ion:228 Resp: 42541

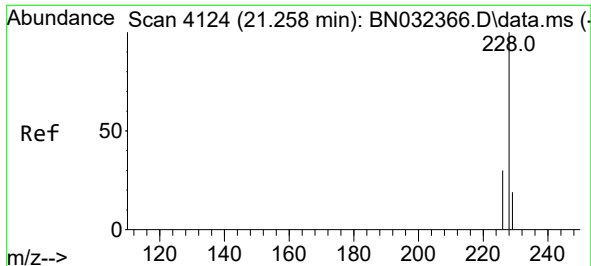
Ion Ratio Lower Upper

228 100

229 21.5 15.7 23.5

226 28.8 21.8 32.8





#22

Chrysene

Concen: 0.553 ng/ul

RT: 21.248 min Scan# 4124

Delta R.T. -0.019 min

Lab File: BN032372.D

Acq: 01 Jul 2024 21:20

Instrument :

BNA_N

ClientSampleId :

A4CP7DL

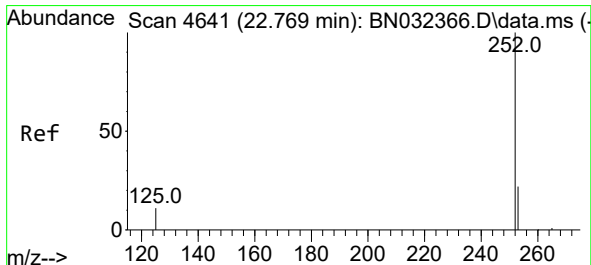
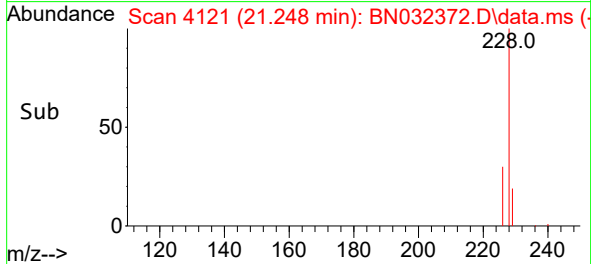
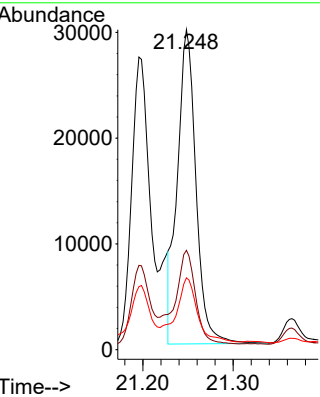
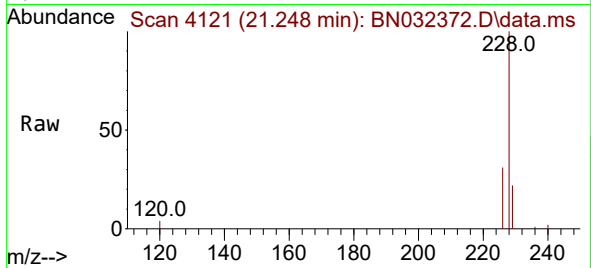
Tgt Ion:228 Resp: 42481

Ion Ratio Lower Upper

228 100

226 31.1 23.6 35.4

229 22.4 15.7 23.5



#24

Benzo(b)fluoranthene

Concen: 0.912 ng/ul

RT: 22.762 min Scan# 4639

Delta R.T. -0.022 min

Lab File: BN032372.D

Acq: 01 Jul 2024 21:20

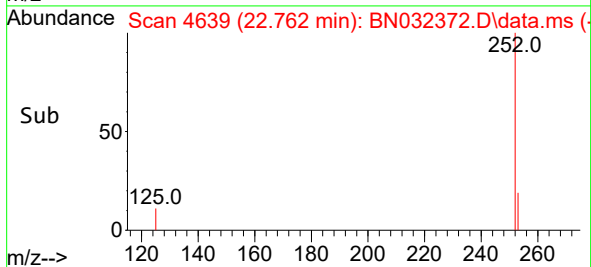
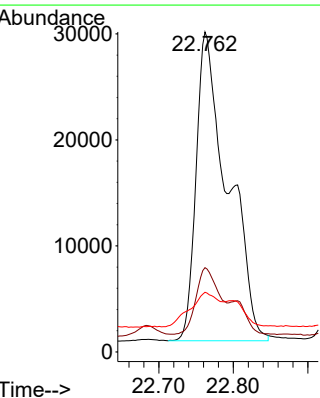
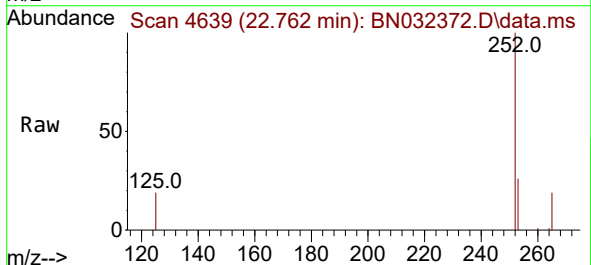
Tgt Ion:252 Resp: 85644

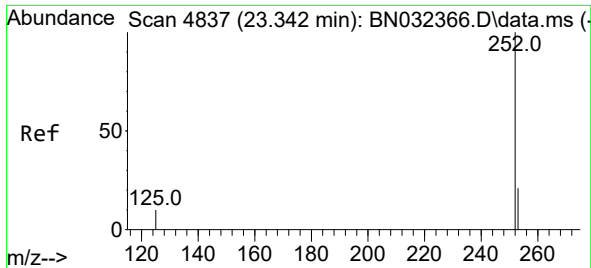
Ion Ratio Lower Upper

252 100

253 26.4 0.0 50.2

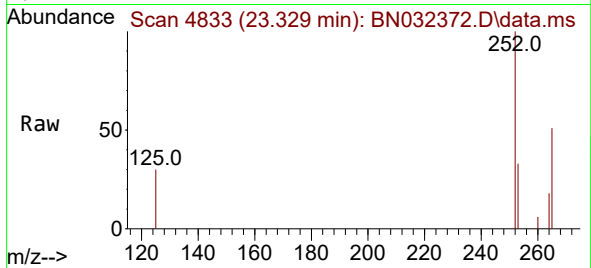
125 18.6 0.0 32.0



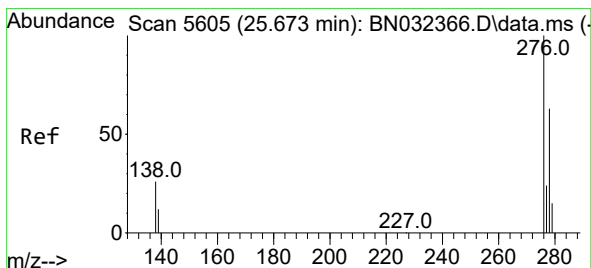
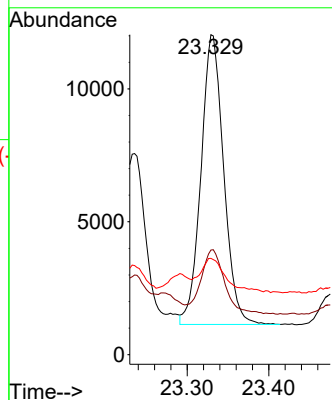


#26
Benzo(a)pyrene
Concen: 0.323 ng/ul
RT: 23.329 min Scan# 4833
Delta R.T. -0.031 min
Lab File: BN032372.D
Acq: 01 Jul 2024 21:20

Instrument :
BNA_N
ClientSampleId :
A4CP7DL

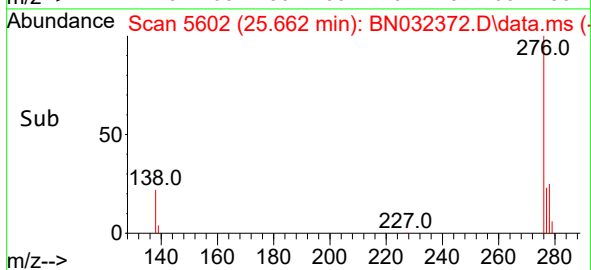
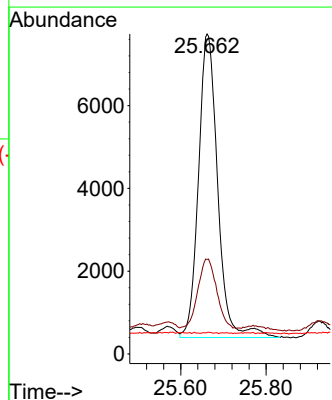
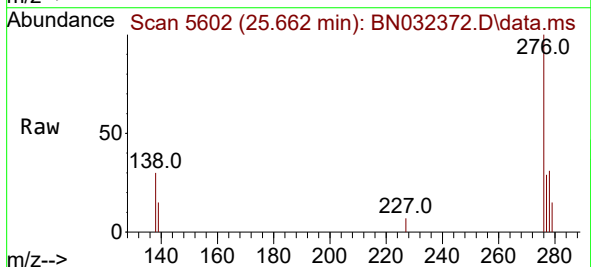


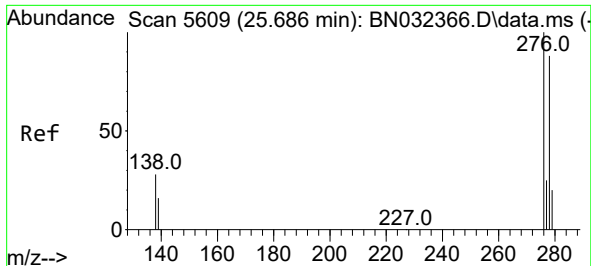
Tgt Ion:252 Resp: 21093
Ion Ratio Lower Upper
252 100
253 32.7 22.2 33.2
125 30.1 16.4 24.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.224 ng/ul
RT: 25.662 min Scan# 5602
Delta R.T. -0.038 min
Lab File: BN032372.D
Acq: 01 Jul 2024 21:20

Tgt Ion:276 Resp: 22918
Ion Ratio Lower Upper
276 100
138 23.1 21.3 31.9
227 0.2 0.1 0.1#

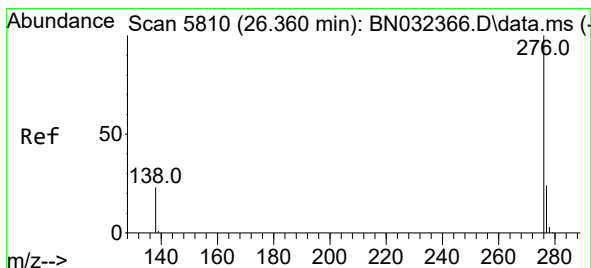
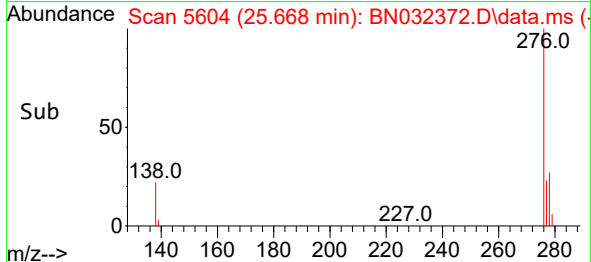
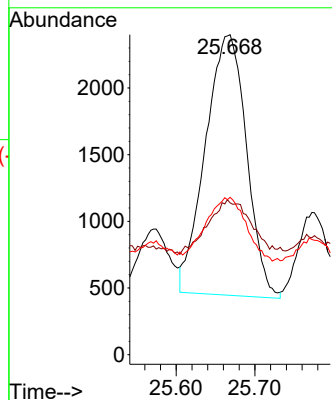
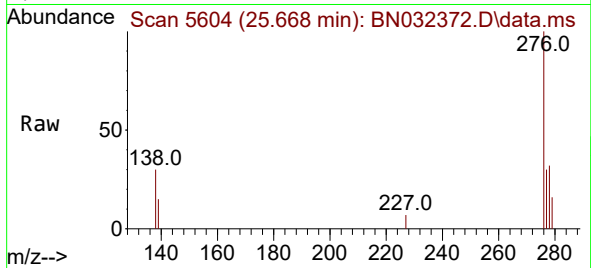




#28
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 25.668 min Scan# 5094
Delta R.T. -0.042 min
Lab File: BN032372.D
Acq: 01 Jul 2024 21:20

Instrument :
BNA_N
ClientSampleId :
A4CP7DL

Tgt Ion:278 Resp: 7094
Ion Ratio Lower Upper
278 100
139 47.5 15.9 23.9#
279 49.2 21.1 31.7#



#29
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 26.349 min Scan# 5807
Delta R.T. -0.032 min
Lab File: BN032372.D
Acq: 01 Jul 2024 21:20

Tgt Ion:276 Resp: 3408
Ion Ratio Lower Upper
276 100
138 55.9 19.8 29.6#
277 52.8 19.8 29.6#

