

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032371.D
 Acq On : 01 Jul 2024 20:44
 Operator : MA/JU
 Sample : P2934-10DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 01 23:45:46 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)

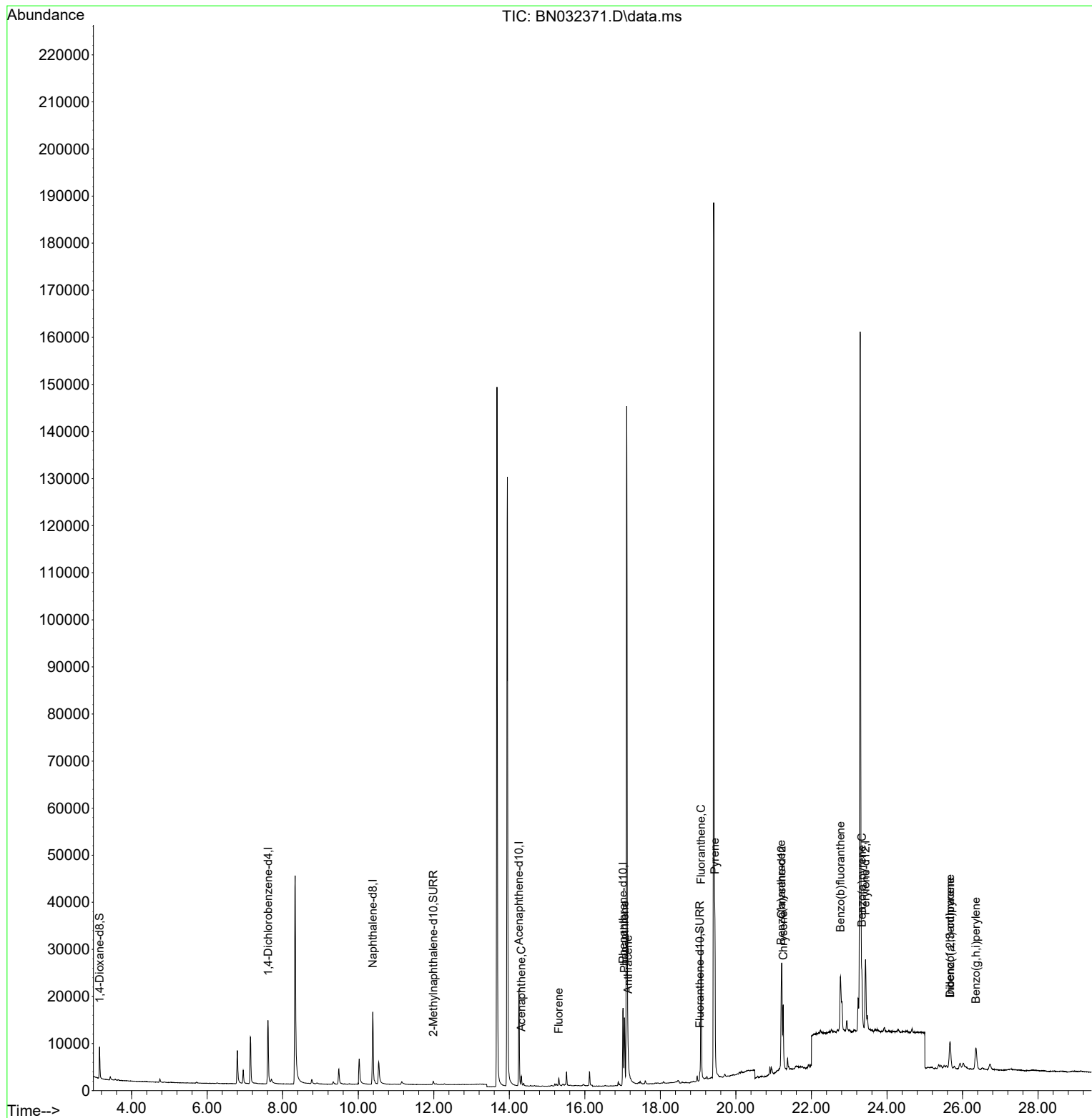
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.612	152	7901	0.400	ng/ul	0.00
4) Naphthalene-d8	10.387	136	23565	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.258	164	12234	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.012	188	20836	0.400	ng/ul	-0.01
17) Chrysene-d12	21.215	240	17275	0.400	ng/ul	#-0.01
23) Perylene-d12	23.433	264	21355	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	4844	0.552	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.988	152	1285	0.036	ng/ul	-0.01
18) Fluoranthene-d10	19.045	212	2253	0.043	ng/ul	-0.01
Target Compounds						
					Qvalue	
11) Acenaphthene	14.318	153	1184	0.030	ng/ul	96
12) Fluorene	15.313	166	1198	0.025	ng/ul#	91
15) Phenanthrene	17.050	178	16171	0.283	ng/ul	98
16) Anthracene	17.143	178	3938	0.077	ng/ul#	87
19) Fluoranthene	19.078	202	30330	0.461	ng/ul	98
20) Pyrene	19.445	202	27584	0.401	ng/ul	99
21) Benzo(a)anthracene	21.200	228	16049	0.257	ng/ul#	87
22) Chrysene	21.252	228	13542	0.198	ng/ul#	86
24) Benzo(b)fluoranthene	22.769	252	26781	0.289	ng/ul#	65
26) Benzo(a)pyrene	23.336	252	14020	0.217	ng/ul#	66
27) Indeno(1,2,3-cd)pyrene	25.670	276	9763	0.097	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.673	278	2501	0.033	ng/ul#	1
29) Benzo(g,h,i)perylene	26.354	276	9981	0.124	ng/ul#	71

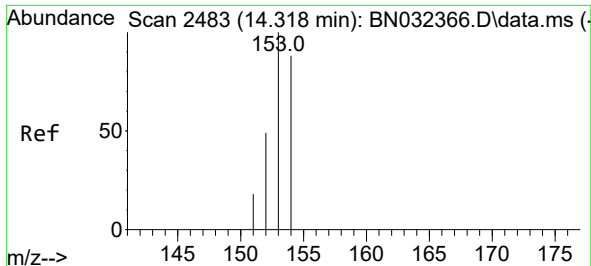
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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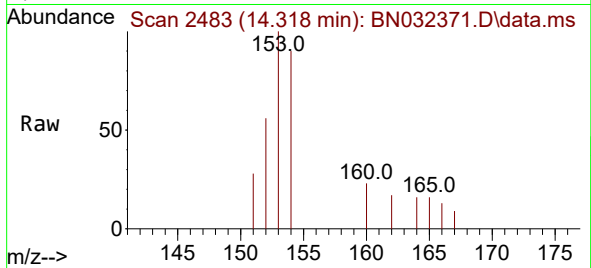
Quant Time: Jul 01 23:45:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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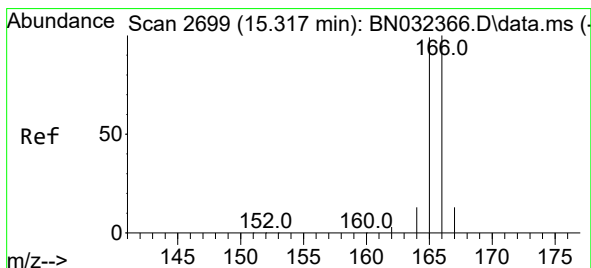
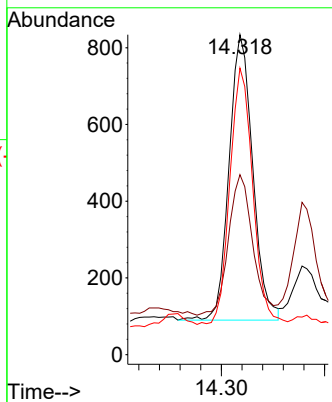
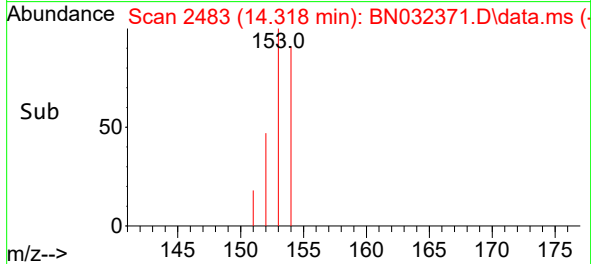


#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.318 min Scan# 2483
Delta R.T. -0.014 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

Instrument :
BNA_G
ClientSampleId :

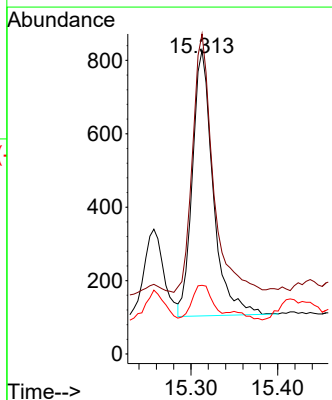
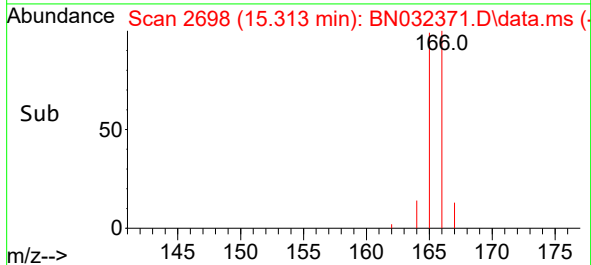
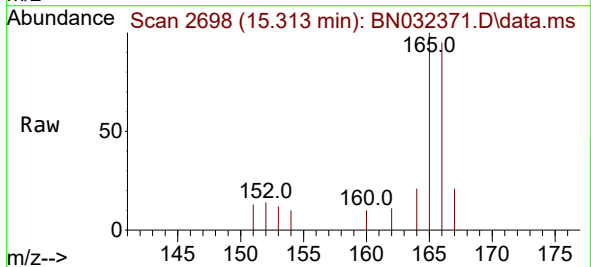


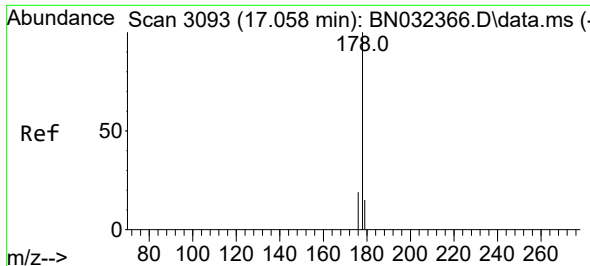
Tgt Ion:153 Resp: 1184
Ion Ratio Lower Upper
153 100
152 56.2 39.5 59.3
154 89.6 71.7 107.5



#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.313 min Scan# 2698
Delta R.T. -0.014 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

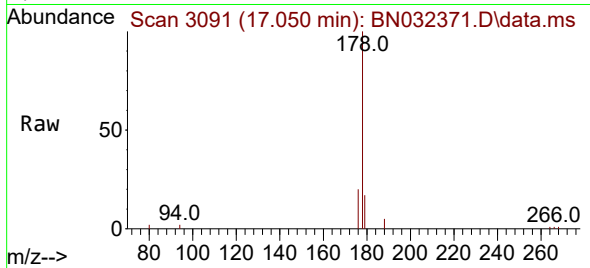
Tgt Ion:166 Resp: 1198
Ion Ratio Lower Upper
166 100
165 105.4 79.0 118.6
167 22.6 11.0 16.6#



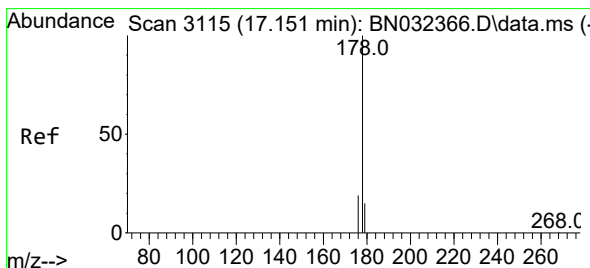
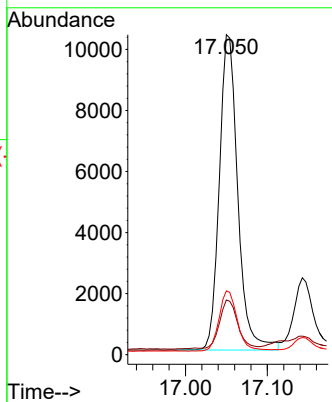
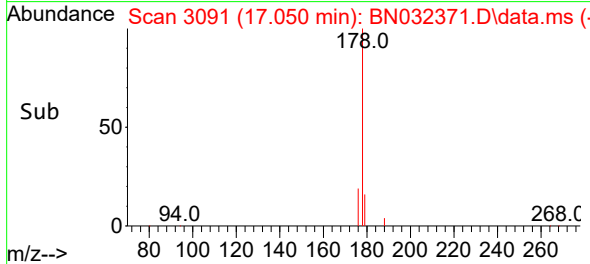


#15
Phenanthrene
Concen: 0.283 ng/ul
RT: 17.050 min Scan# 3093
Delta R.T. -0.017 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

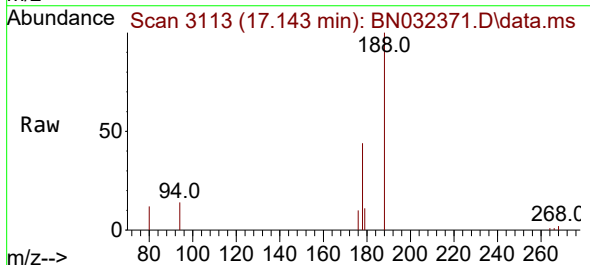
Instrument :
BNA_G
ClientSampleId :



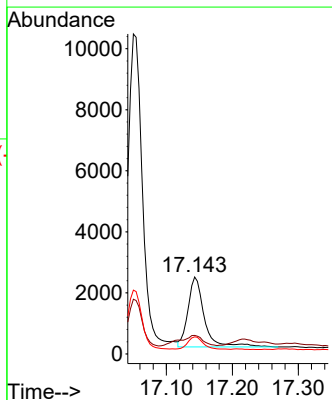
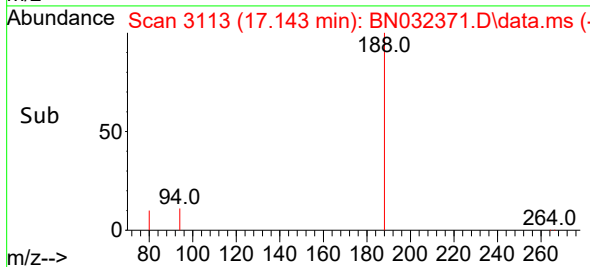
Tgt Ion:178 Resp: 16171
Ion Ratio Lower Upper
178 100
179 17.1 12.6 18.8
176 19.9 15.6 23.4

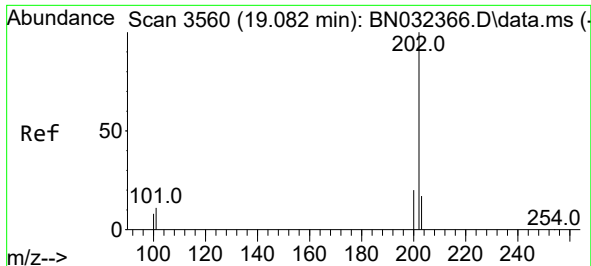


#16
Anthracene
Concen: 0.077 ng/ul
RT: 17.143 min Scan# 3113
Delta R.T. -0.017 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44



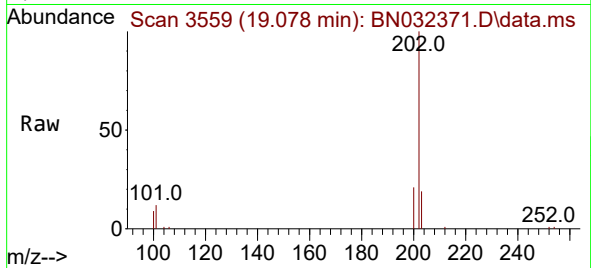
Tgt Ion:178 Resp: 3938
Ion Ratio Lower Upper
178 100
179 24.1 12.5 18.7#
176 22.3 15.0 22.6



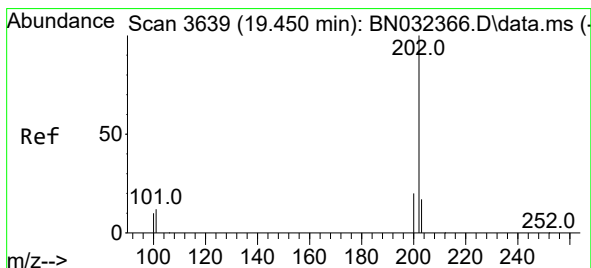
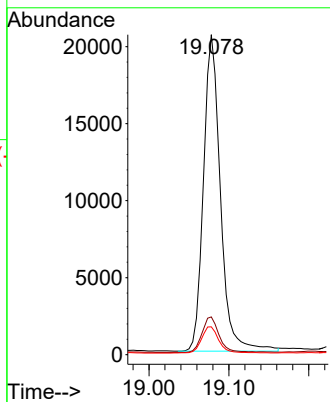
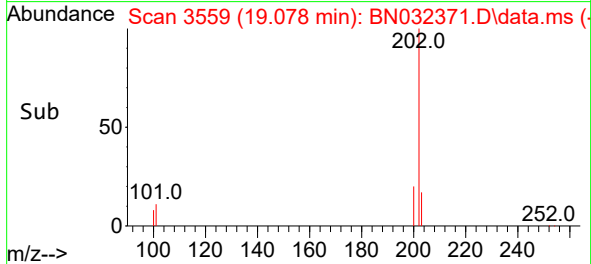


#19
Fluoranthene
Concen: 0.461 ng/ul
RT: 19.078 min Scan# 3559
Delta R.T. -0.014 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

Instrument :
BNA_G
ClientSampleId :

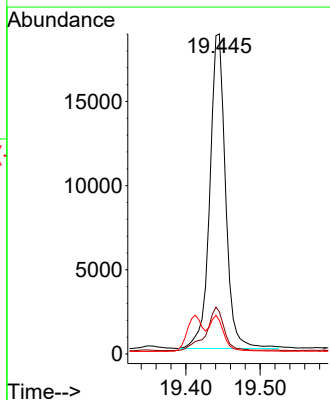
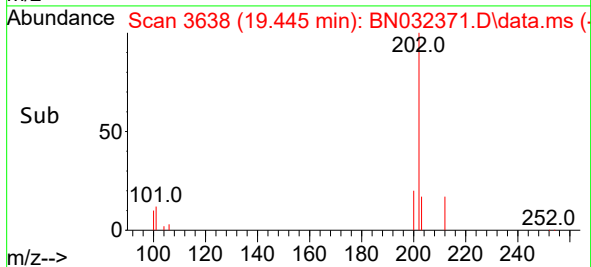
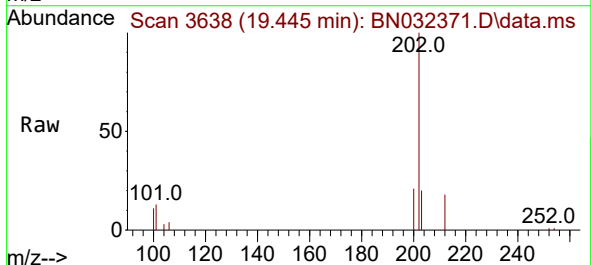


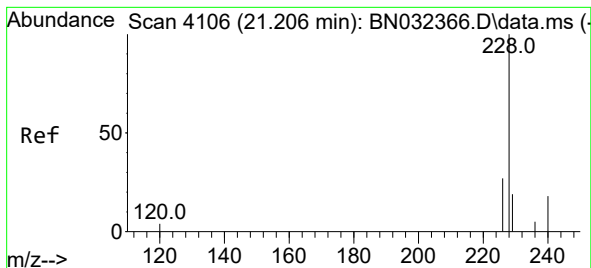
Tgt Ion:202 Resp: 30330
Ion Ratio Lower Upper
202 100
101 11.8 8.8 13.2
100 8.7 6.4 9.6



#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.445 min Scan# 3638
Delta R.T. -0.009 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

Tgt Ion:202 Resp: 27584
Ion Ratio Lower Upper
202 100
101 13.2 11.0 16.4
100 10.5 8.7 13.1





#21

Benzo(a)anthracene

Concen: 0.257 ng/ul

RT: 21.200 min Scan# 4106

Delta R.T. -0.015 min

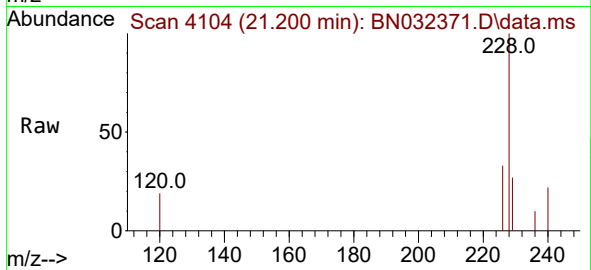
Lab File: BN032371.D

Acq: 01 Jul 2024 20:44

Instrument :

BNA_G

ClientSampleId :



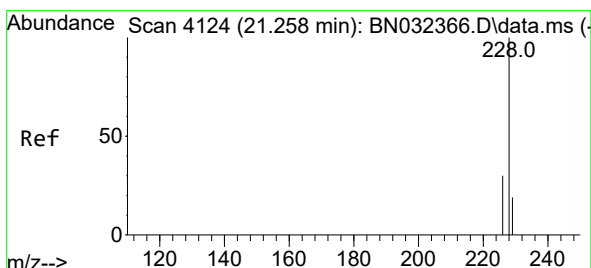
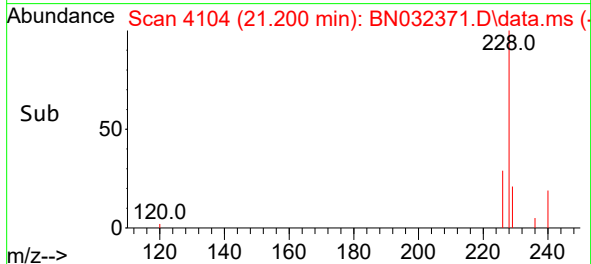
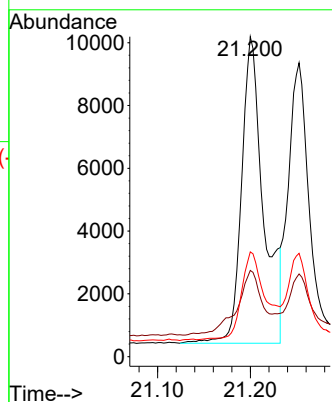
Tgt Ion:228 Resp: 16049

Ion Ratio Lower Upper

228 100

229 27.0 15.7 23.5#

226 32.7 21.8 32.8



#22

Chrysene

Concen: 0.198 ng/ul

RT: 21.252 min Scan# 4122

Delta R.T. -0.015 min

Lab File: BN032371.D

Acq: 01 Jul 2024 20:44

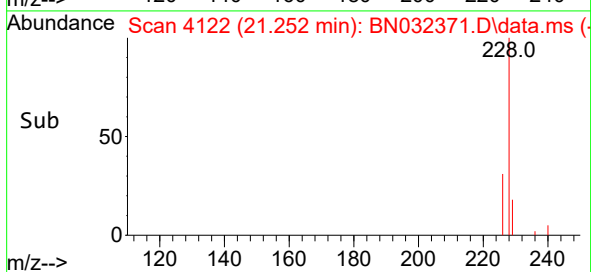
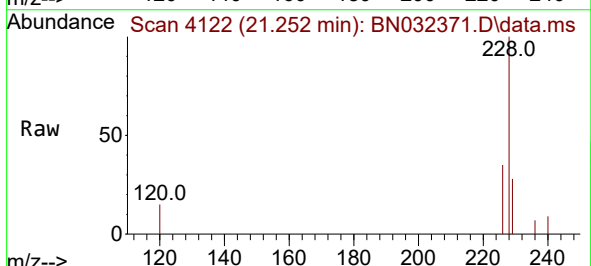
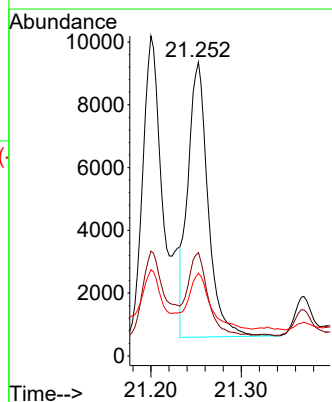
Tgt Ion:228 Resp: 13542

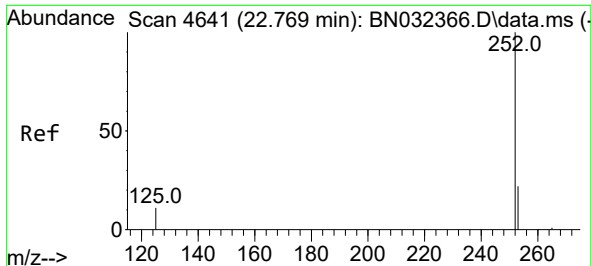
Ion Ratio Lower Upper

228 100

226 35.2 23.6 35.4

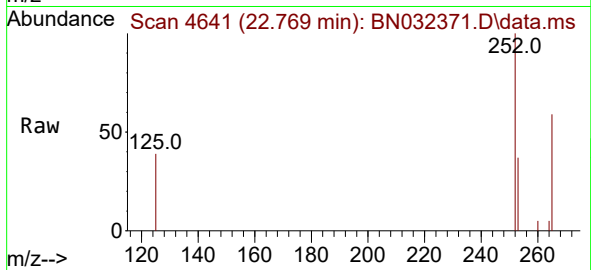
229 28.2 15.7 23.5#



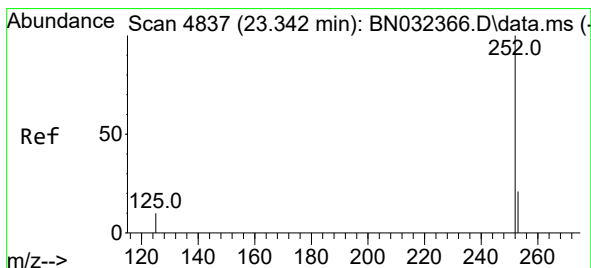
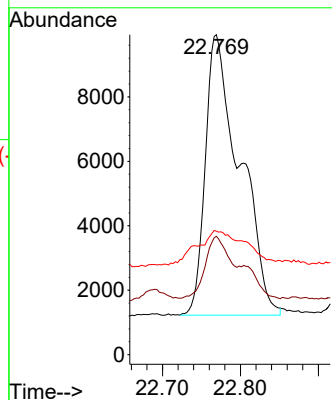


#24
Benzo(b)fluoranthene
Concen: 0.289 ng/ul
RT: 22.769 min Scan# 4641
Delta R.T. -0.015 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

Instrument :
BNA_G
ClientSampleId :

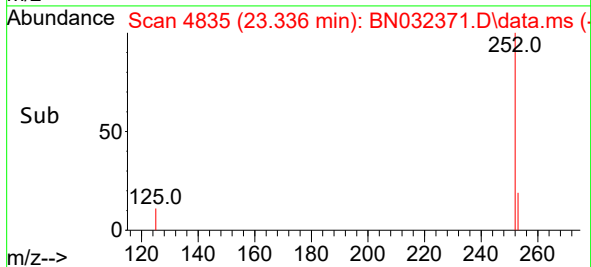
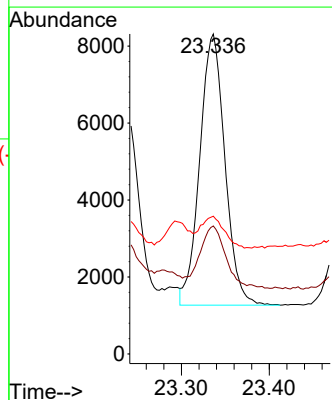
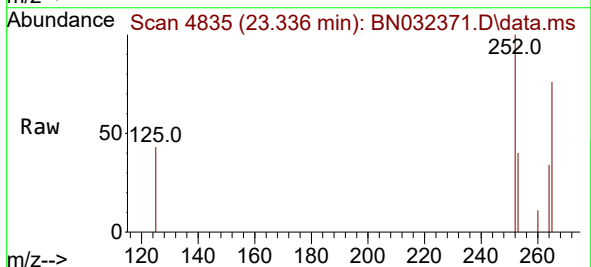


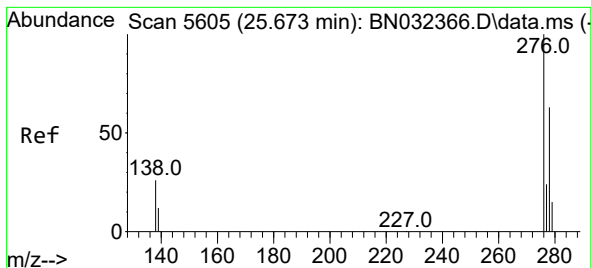
Tgt Ion:252 Resp: 26781
Ion Ratio Lower Upper
252 100
253 37.0 0.0 50.2
125 38.6 0.0 32.0#



#26
Benzo(a)pyrene
Concen: 0.217 ng/ul
RT: 23.336 min Scan# 4835
Delta R.T. -0.023 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

Tgt Ion:252 Resp: 14020
Ion Ratio Lower Upper
252 100
253 40.0 22.2 33.2#
125 43.0 16.4 24.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.097 ng/ul

RT: 25.670 min Scan# 5604

Delta R.T. -0.030 min

Lab File: BN032371.D

Acq: 01 Jul 2024 20:44

Instrument :

BNA_G

ClientSampleId :

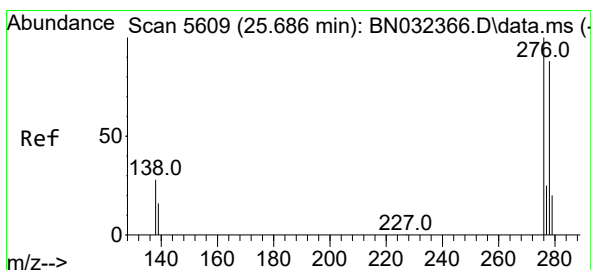
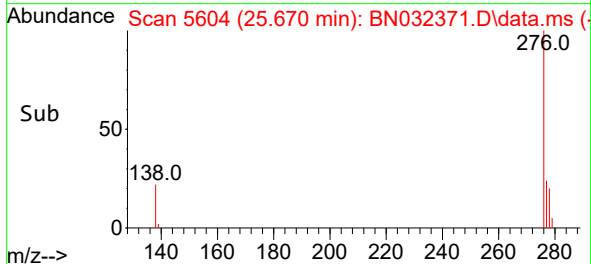
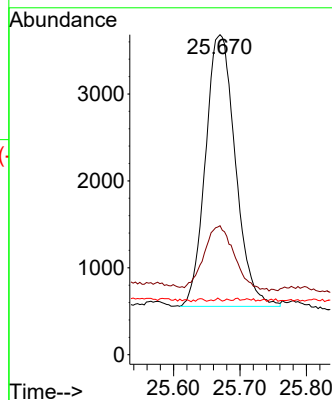
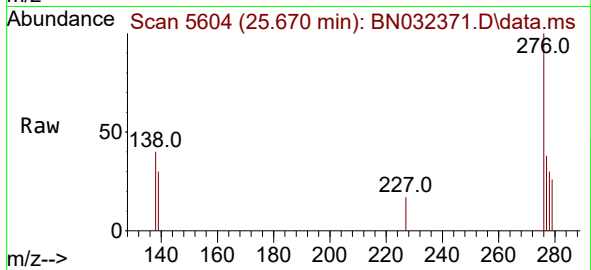
Tgt Ion:276 Resp: 9763

Ion Ratio Lower Upper

276 100

138 24.7 21.3 31.9

227 0.3 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.033 ng/ul

RT: 25.673 min Scan# 5605

Delta R.T. -0.037 min

Lab File: BN032371.D

Acq: 01 Jul 2024 20:44

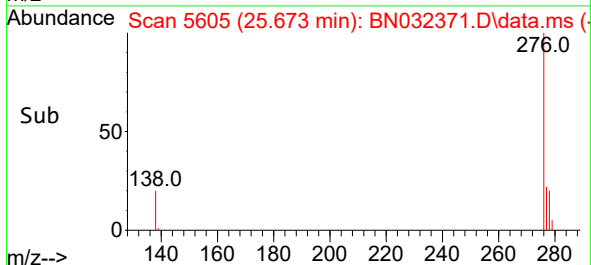
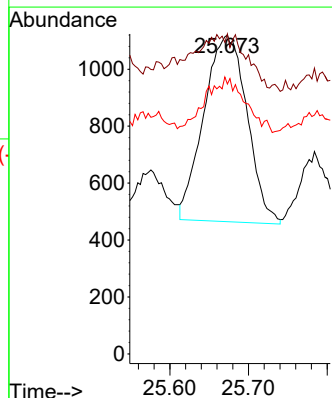
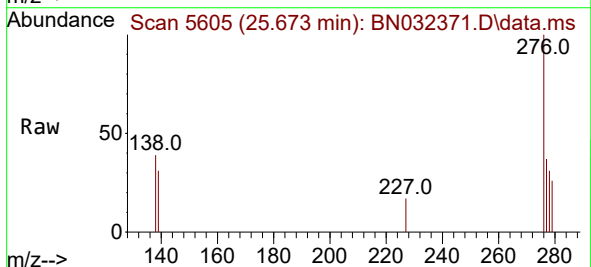
Tgt Ion:278 Resp: 2501

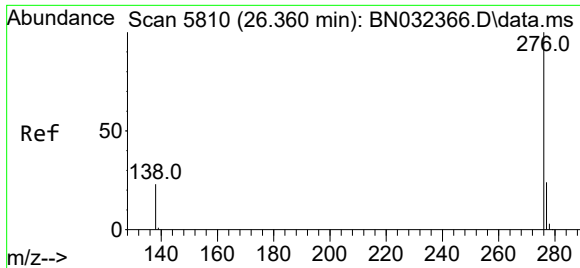
Ion Ratio Lower Upper

278 100

139 100.4 15.9 23.9#

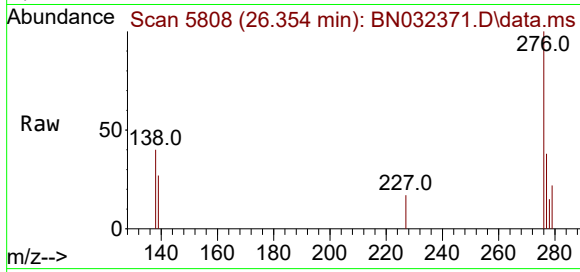
279 84.6 21.1 31.7#





#29
Benzo(g,h,i)perylene
Concen: 0.124 ng/ul
RT: 26.354 min Scan# 51
Delta R.T. -0.027 min
Lab File: BN032371.D
Acq: 01 Jul 2024 20:44

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:276 Resp: 9981
Ion Ratio Lower Upper
276 100
138 40.0 19.8 29.6#
277 38.0 19.8 29.6#

