

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032686.D
 Acq On : 12 Jul 2024 23:25
 Operator : MA/JU
 Sample : P3035-18DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4B96DL

Quant Time: Jul 13 00:04:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

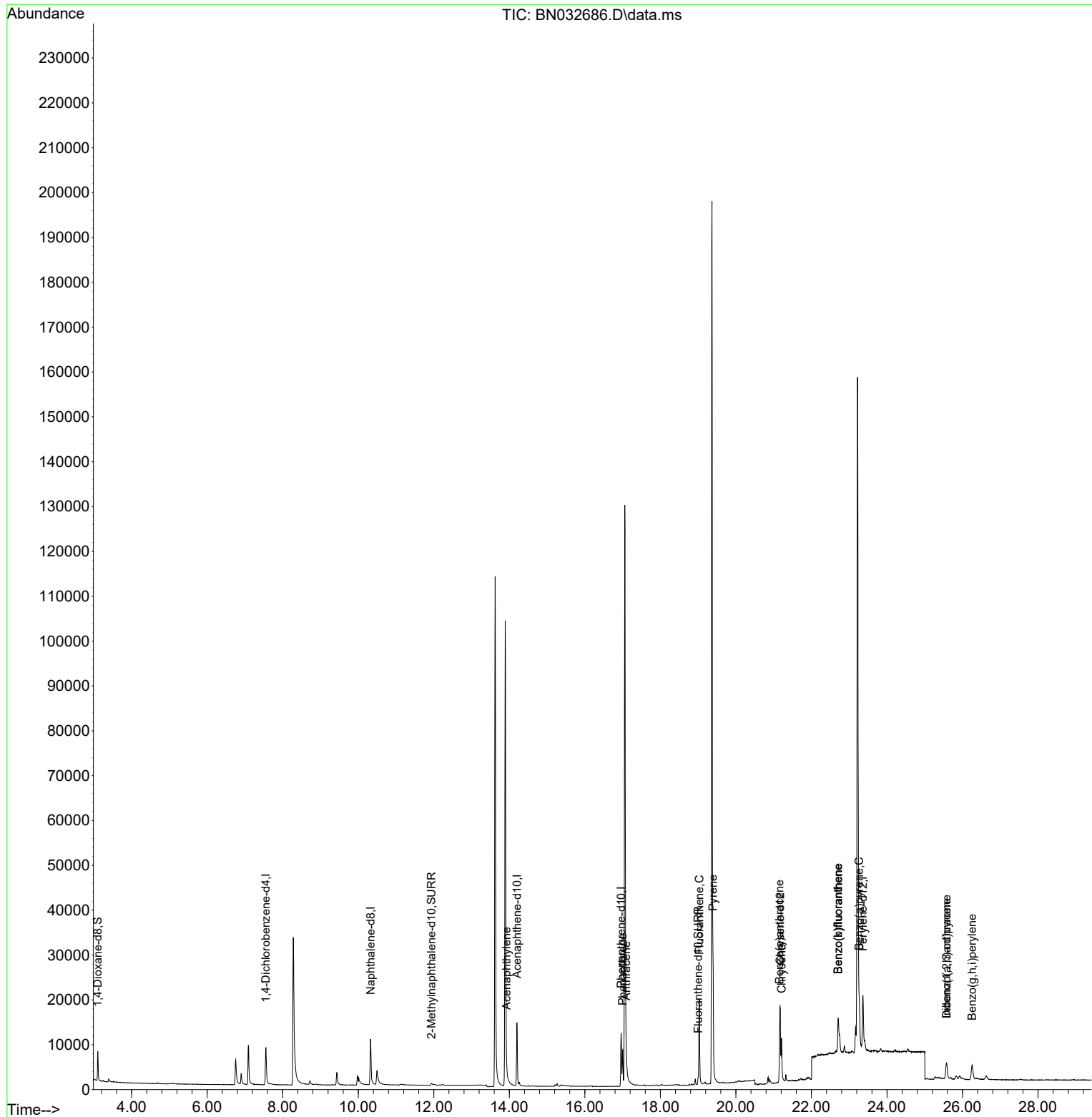
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5716	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	16646	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	8487	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	15534	0.400	ng/ul	-0.03
17) Chrysene-d12	21.173	240	13873	0.400	ng/ul	-0.02
23) Perylene-d12	23.362	264	18554	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	4431	0.646	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	995	0.040	ng/ul	-0.03
18) Fluoranthene-d10	18.999	212	1944	0.043	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.925	152	1170	0.034	ng/ul#	80
15) Phenanthrene	17.003	178	9042	0.214	ng/ul	98
16) Anthracene	17.096	178	2330	0.067	ng/ul#	85
19) Fluoranthene	19.031	202	18702	0.332	ng/ul	99
20) Pyrene	19.394	202	21310	0.365	ng/ul	100
21) Benzo(a)anthracene	21.156	228	10631	0.241	ng/ul#	93
22) Chrysene	21.208	228	10036	0.157	ng/ul#	92
24) Benzo(b)fluoranthene	22.708	252	17427	0.266	ng/ul	75
25) Benzo(k)fluoranthene	22.708	252	14457	0.181	ng/ul#	75
26) Benzo(a)pyrene	23.263	252	10473	0.185	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.576	276	6797	0.089	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.576	278	1567	0.026	ng/ul#	1
29) Benzo(g,h,i)perylene	26.253	276	7224	0.113	ng/ul#	82

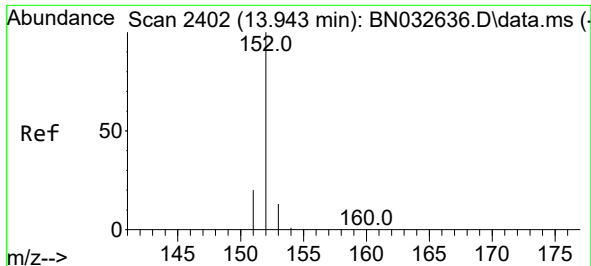
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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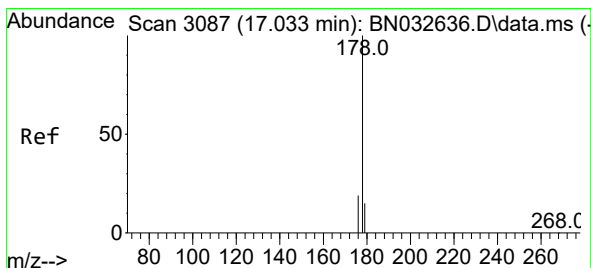
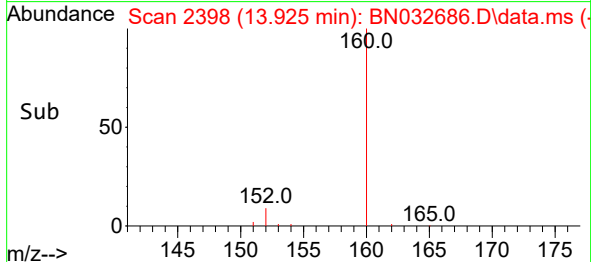
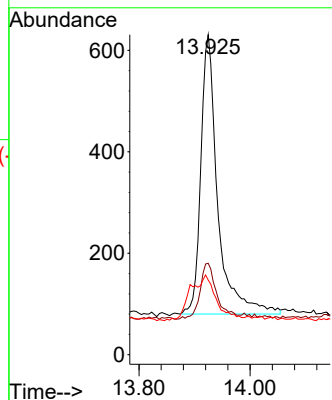
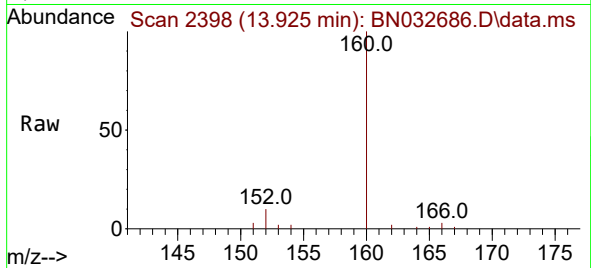




#10
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.925 min Scan# 211
Delta R.T. -0.019 min
Lab File: BN032686.D
Acq: 12 Jul 2024 23:25

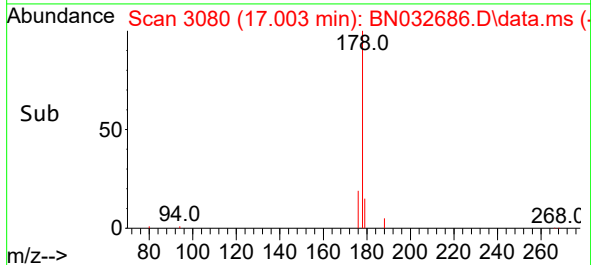
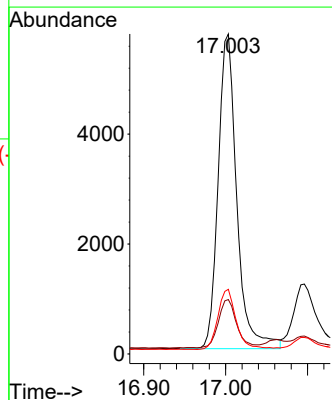
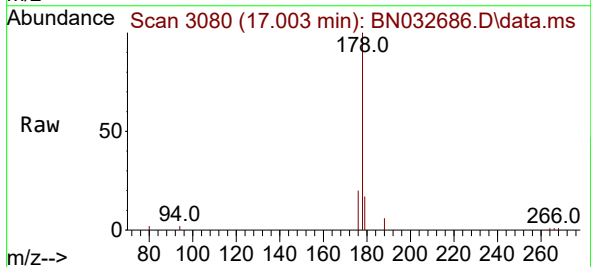
Instrument :
BNA_N
ClientSampleId :
A4B96DL

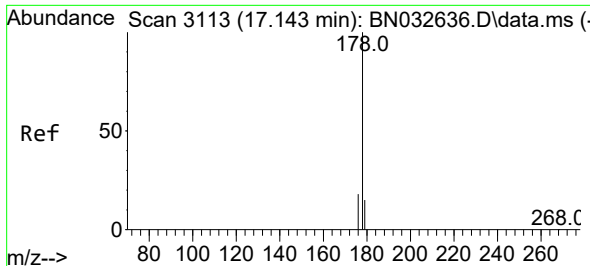
Tgt Ion:152 Resp: 1170
Ion Ratio Lower Upper
152 100
151 28.5 16.3 24.5#
153 23.3 11.3 16.9#



#15
Phenanthrene
Concen: 0.214 ng/ul
RT: 17.003 min Scan# 3080
Delta R.T. -0.025 min
Lab File: BN032686.D
Acq: 12 Jul 2024 23:25

Tgt Ion:178 Resp: 9042
Ion Ratio Lower Upper
178 100
179 17.0 13.0 19.4
176 20.2 15.6 23.4

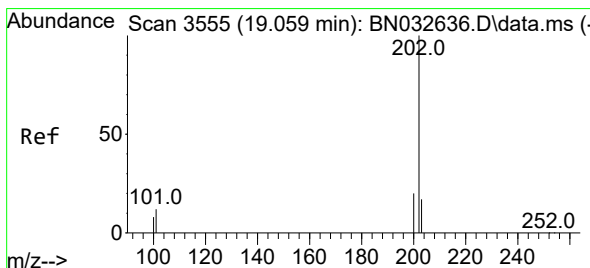
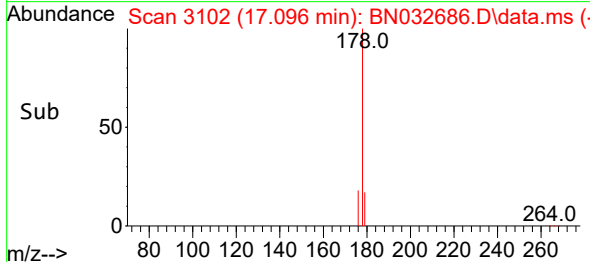
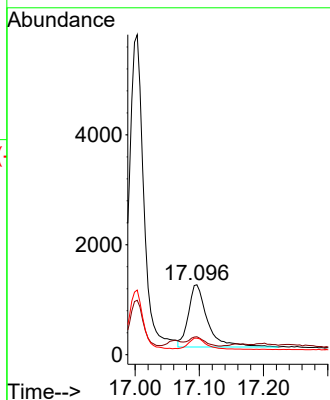
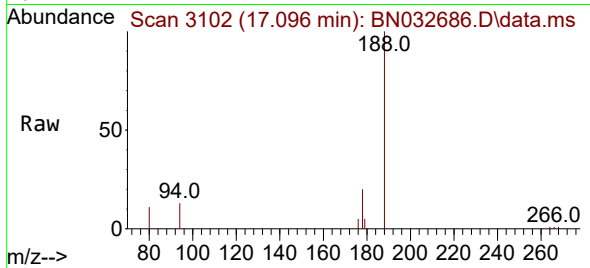




#16
 Anthracene
 Concen: 0.067 ng/ul
 RT: 17.096 min Scan# 3113
 Delta R.T. -0.042 min
 Lab File: BN032686.D
 Acq: 12 Jul 2024 23:25

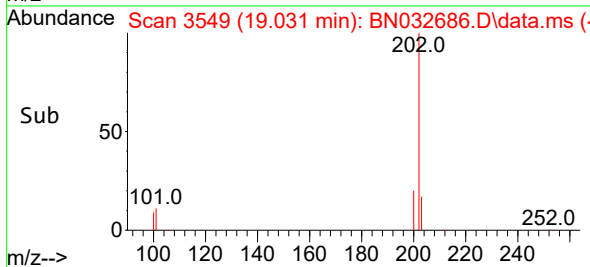
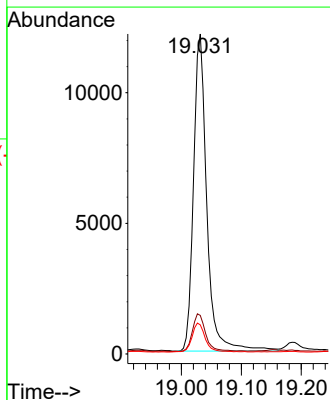
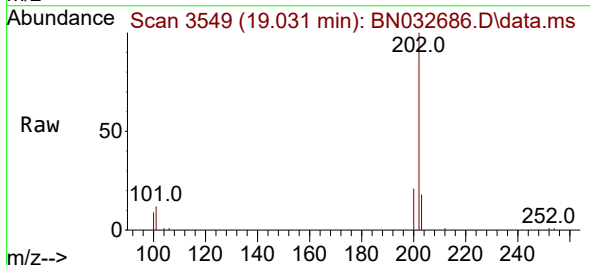
Instrument :
 BNA_N
 ClientSampleId :
 A4B96DL

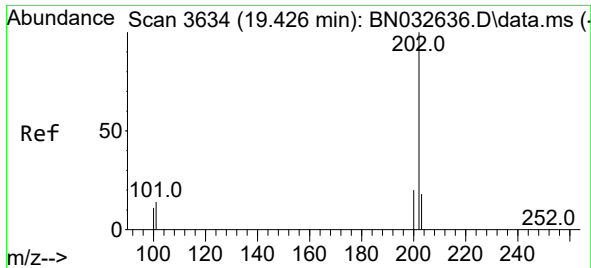
Tgt Ion:178 Resp: 2330
 Ion Ratio Lower Upper
 178 100
 179 25.6 13.4 20.2#
 176 23.5 15.4 23.0#



#19
 Fluoranthene
 Concen: 0.332 ng/ul
 RT: 19.031 min Scan# 3549
 Delta R.T. -0.023 min
 Lab File: BN032686.D
 Acq: 12 Jul 2024 23:25

Tgt Ion:202 Resp: 18702
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.8 14.8
 100 9.1 7.9 11.9

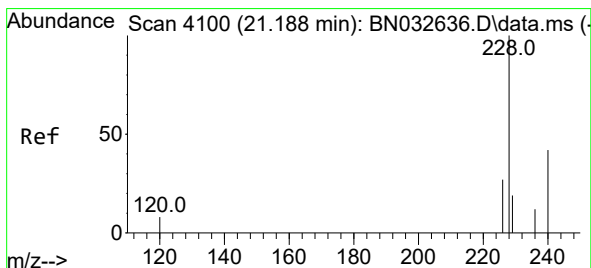
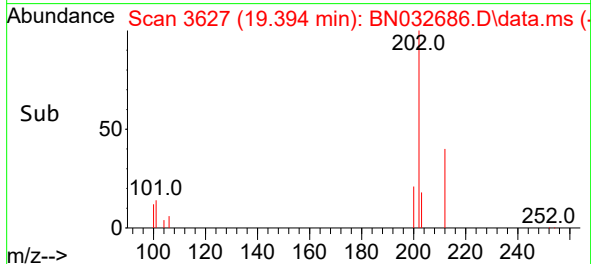
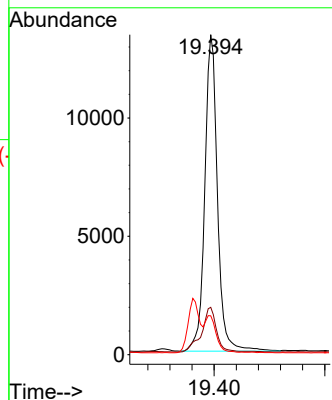
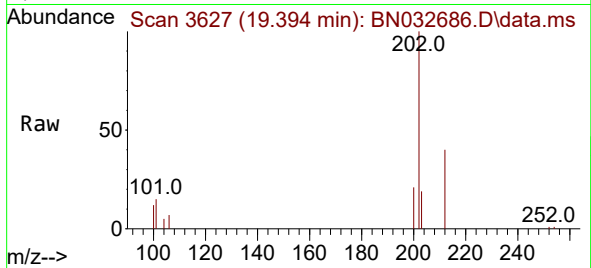




#20
Pyrene
Concen: 0.365 ng/ul
RT: 19.394 min Scan# 30
Delta R.T. -0.028 min
Lab File: BN032686.D
Acq: 12 Jul 2024 23:25

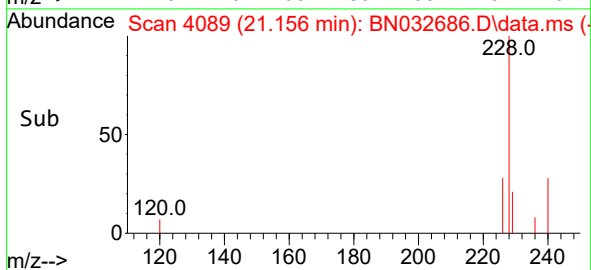
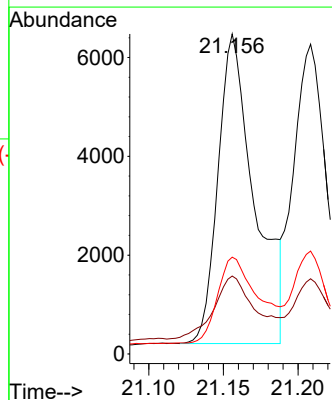
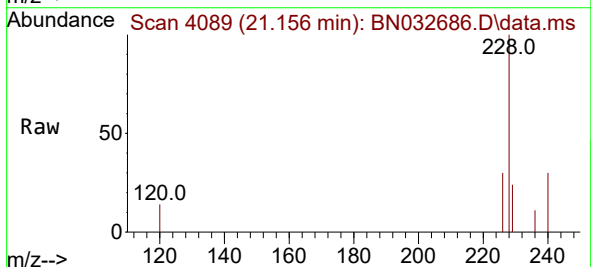
Instrument :
BNA_N
ClientSampleId :
A4B96DL

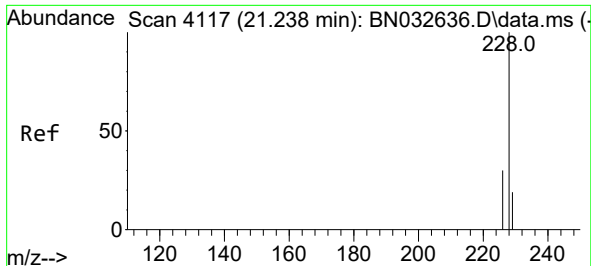
Tgt Ion:202 Resp: 21310
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 12.1 9.6 14.4



#21
Benzo(a)anthracene
Concen: 0.241 ng/ul
RT: 21.156 min Scan# 4089
Delta R.T. -0.026 min
Lab File: BN032686.D
Acq: 12 Jul 2024 23:25

Tgt Ion:228 Resp: 10631
Ion Ratio Lower Upper
228 100
229 24.4 16.1 24.1#
226 30.3 21.9 32.9





#22

Chrysene

Concen: 0.157 ng/ul

RT: 21.208 min Scan# 4117

Delta R.T. -0.023 min

Lab File: BN032686.D

Acq: 12 Jul 2024 23:25

Instrument :

BNA_N

ClientSampleId :

A4B96DL

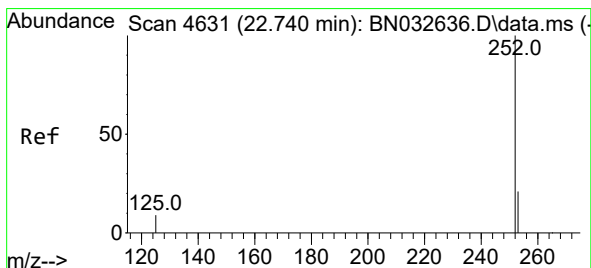
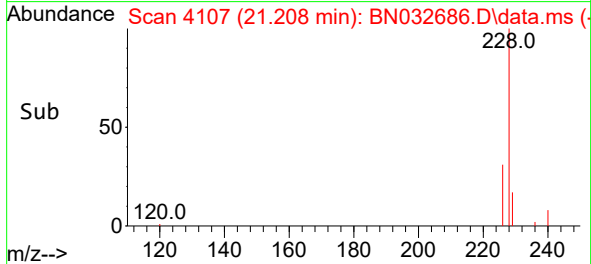
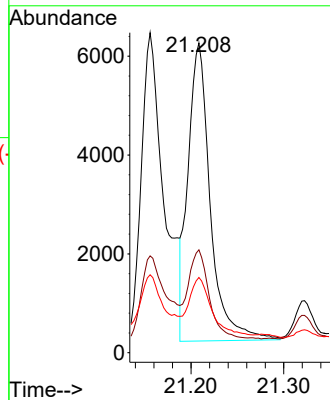
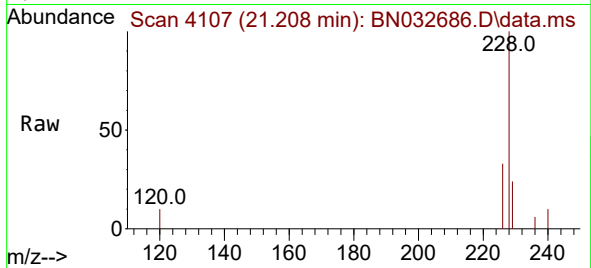
Tgt Ion:228 Resp: 10036

Ion Ratio Lower Upper

228 100

226 33.2 24.0 36.0

229 24.3 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.266 ng/ul

RT: 22.708 min Scan# 4620

Delta R.T. -0.026 min

Lab File: BN032686.D

Acq: 12 Jul 2024 23:25

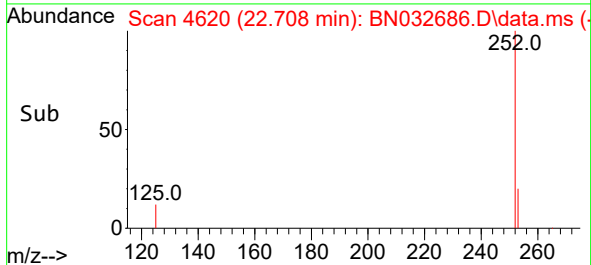
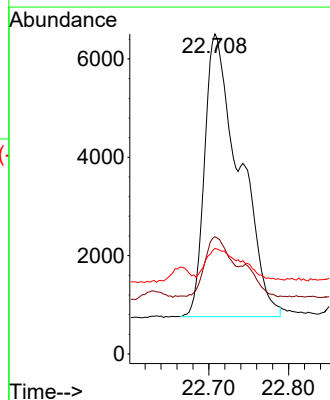
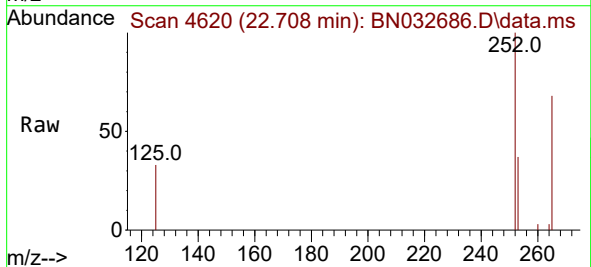
Tgt Ion:252 Resp: 17427

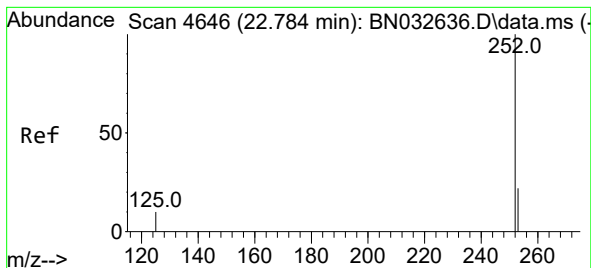
Ion Ratio Lower Upper

252 100

253 36.6 0.0 54.0

125 33.0 0.0 36.0





#25

Benzo(k)fluoranthene

Concen: 0.181 ng/ul

RT: 22.708 min Scan# 41

Delta R.T. -0.070 min

Lab File: BN032686.D

Acq: 12 Jul 2024 23:25

Instrument :

BNA_N

ClientSampleId :

A4B96DL

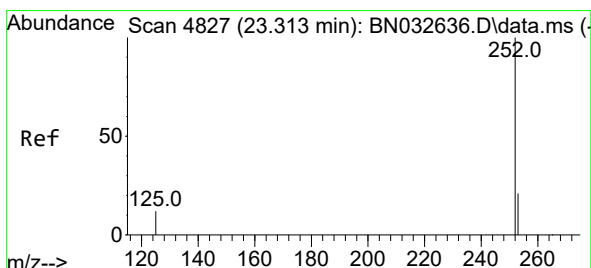
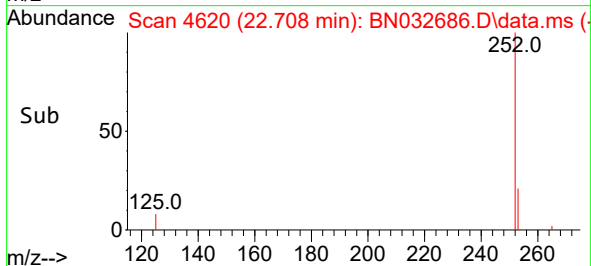
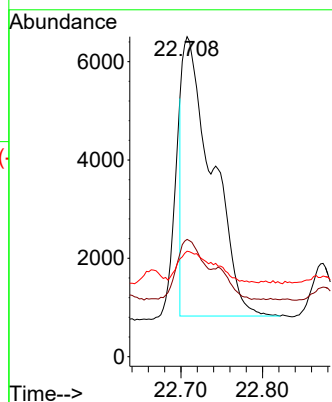
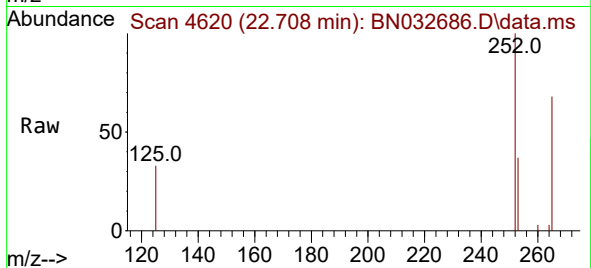
Tgt Ion:252 Resp: 14457

Ion Ratio Lower Upper

252 100

253 36.6 21.2 31.8#

125 33.0 14.8 22.2#



#26

Benzo(a)pyrene

Concen: 0.185 ng/ul

RT: 23.263 min Scan# 4810

Delta R.T. -0.047 min

Lab File: BN032686.D

Acq: 12 Jul 2024 23:25

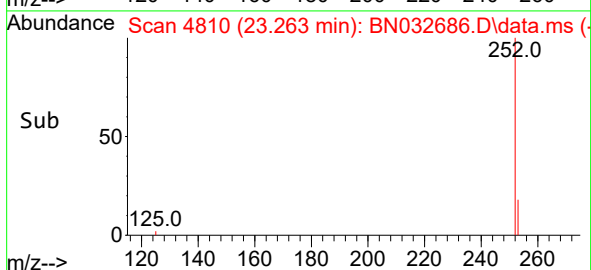
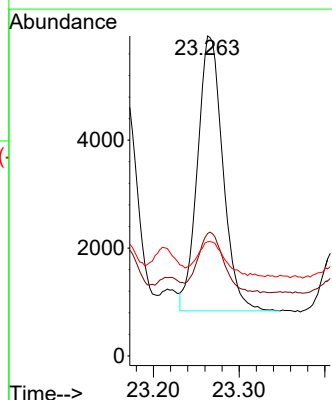
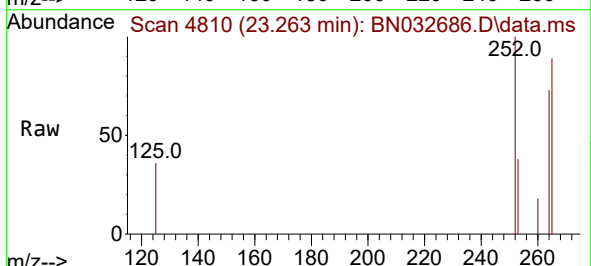
Tgt Ion:252 Resp: 10473

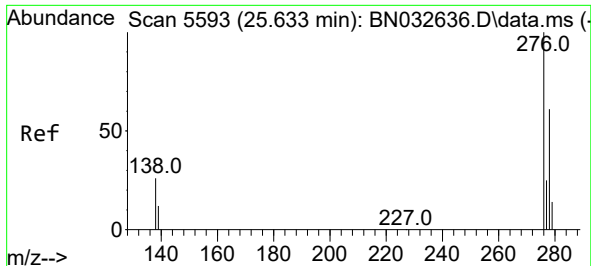
Ion Ratio Lower Upper

252 100

253 38.2 25.4 38.0#

125 35.6 20.6 30.8#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.089 ng/ul

RT: 25.576 min Scan# 5576

Delta R.T. -0.050 min

Lab File: BN032686.D

Acq: 12 Jul 2024 23:25

Instrument :

BNA_N

ClientSampleId :

A4B96DL

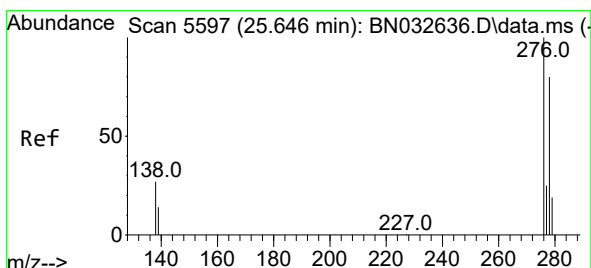
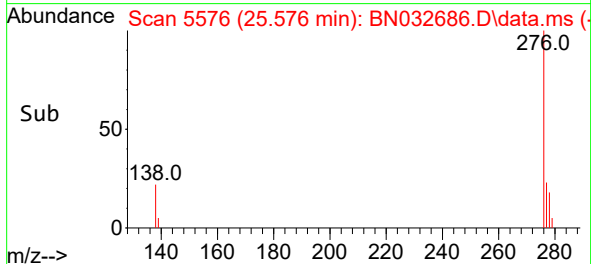
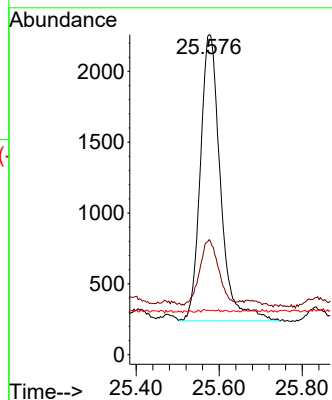
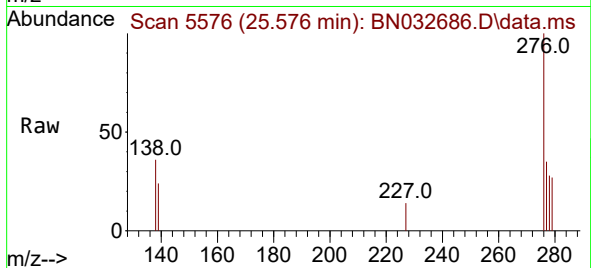
Tgt Ion:276 Resp: 6797

Ion Ratio Lower Upper

276 100

138 22.7 21.6 32.4

227 0.4 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.026 ng/ul

RT: 25.576 min Scan# 5576

Delta R.T. -0.064 min

Lab File: BN032686.D

Acq: 12 Jul 2024 23:25

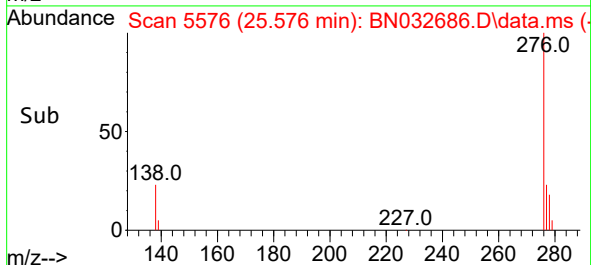
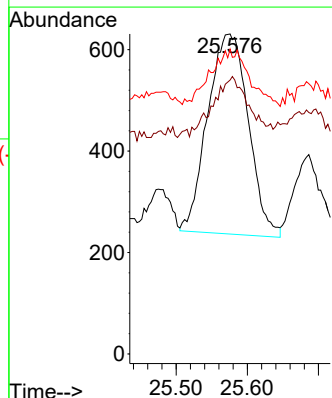
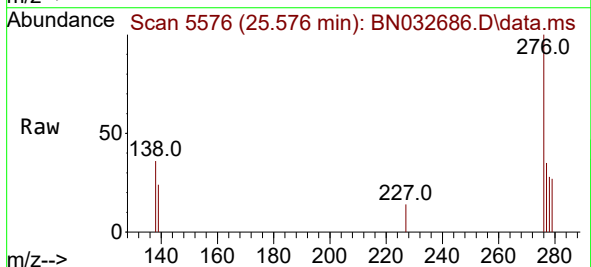
Tgt Ion:278 Resp: 1567

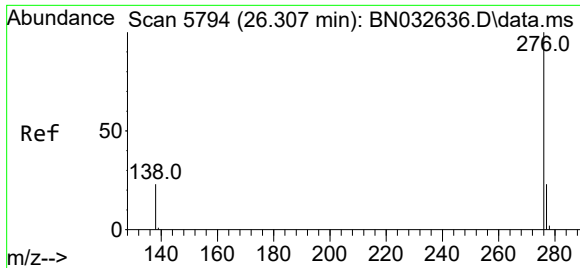
Ion Ratio Lower Upper

278 100

139 85.6 16.6 24.8#

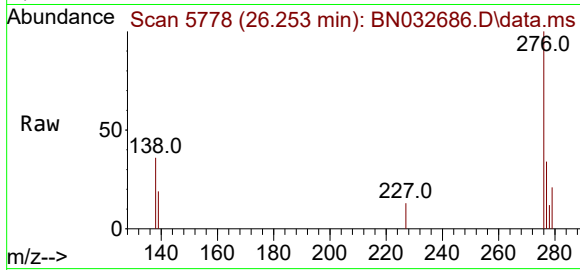
279 95.2 23.7 35.5#





#29
Benzo(g,h,i)perylene
Concen: 0.113 ng/ul
RT: 26.253 min Scan# 51
Delta R.T. -0.047 min
Lab File: BN032686.D
Acq: 12 Jul 2024 23:25

Instrument :
BNA_N
ClientSampleId :
A4B96DL



Tgt Ion:276 Resp: 7224
Ion Ratio Lower Upper
276 100
138 36.4 21.0 31.4#
277 34.4 20.6 31.0#

