

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036183.D
 Acq On : 01 Feb 2025 00:16
 Operator : RC/JU
 Sample : Q1224-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A6322

Quant Time: Feb 03 08:52:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

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

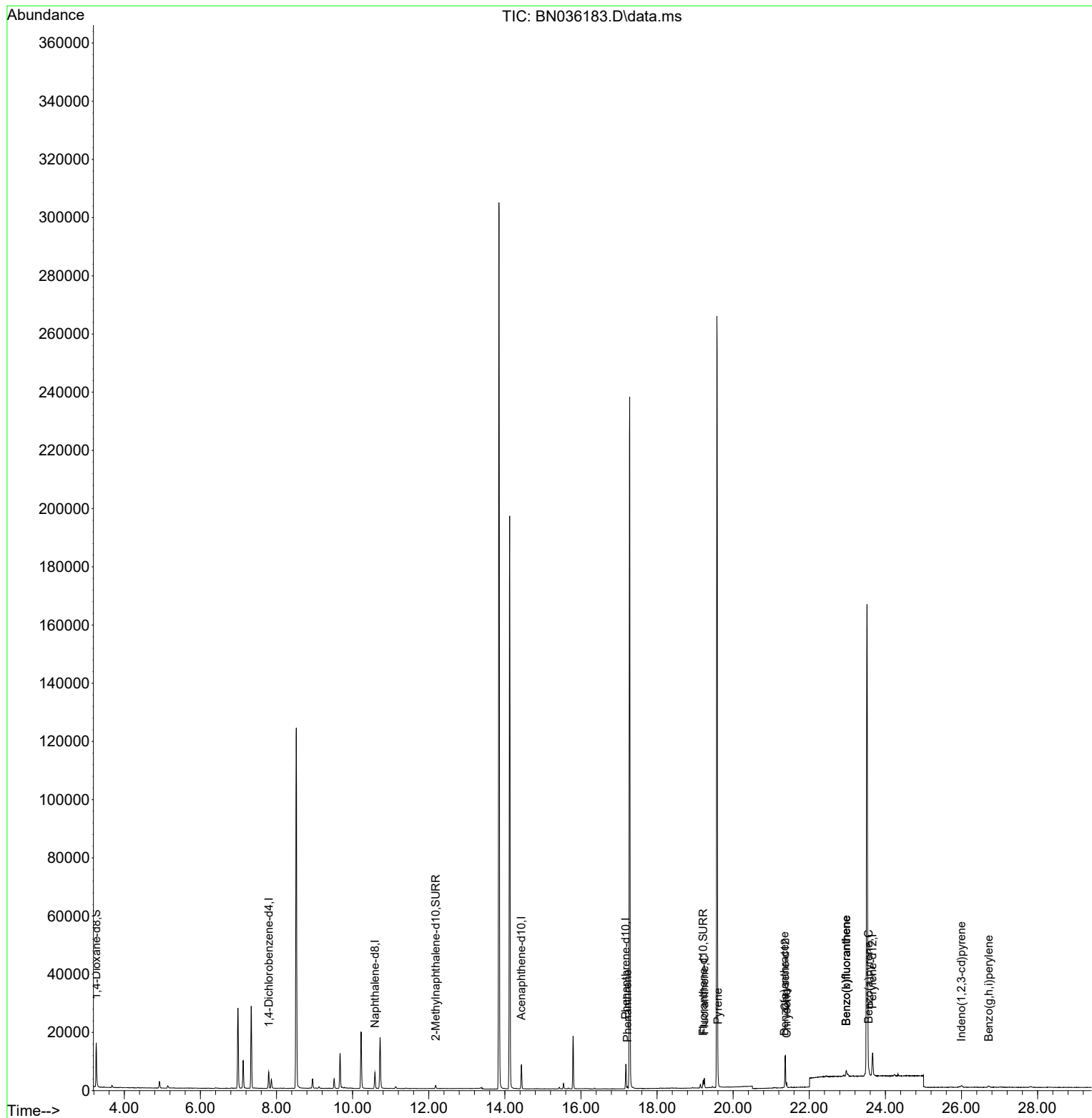
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	2752	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.583	136	7062	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.436	164	4404	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.179	188	9746	0.400	ng/ul	-0.01
17) Chrysene-d12	21.369	240	10130	0.400	ng/ul	0.00
23) Perylene-d12	23.661	264	10735	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	9668	3.209	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.183	152	1491	0.167	ng/ul	-0.02
18) Fluoranthene-d10	19.211	212	2798	0.101	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.221	178	809	0.028	ng/ul#	81
19) Fluoranthene	19.243	202	2845	0.074	ng/ul#	91
20) Pyrene	19.601	202	2849	0.071	ng/ul#	86
21) Benzo(a)anthracene	21.352	228	903	0.025	ng/ul#	71
22) Chrysene	21.404	228	1574	0.043	ng/ul#	81
24) Benzo(b)fluoranthene	22.971	252	3200	0.089	ng/ul#	1
25) Benzo(k)fluoranthene	22.971	252	3200	0.085	ng/ul#	1
26) Benzo(a)pyrene	23.561	252	1256	0.039	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.995	276	1024	0.024	ng/ul#	86
29) Benzo(g,h,i)perylene	26.716	276	1031	0.031	ng/ul#	48

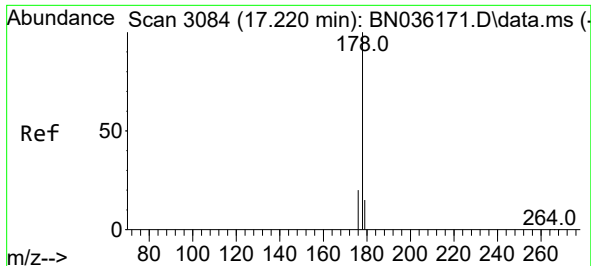
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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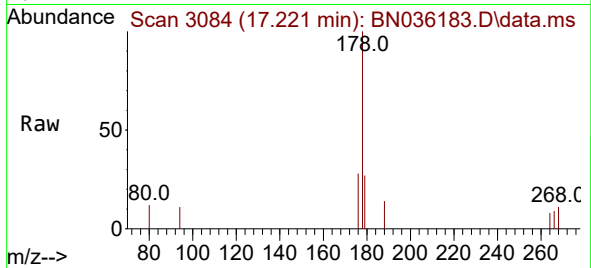
Quant Time: Feb 03 08:52:58 2025
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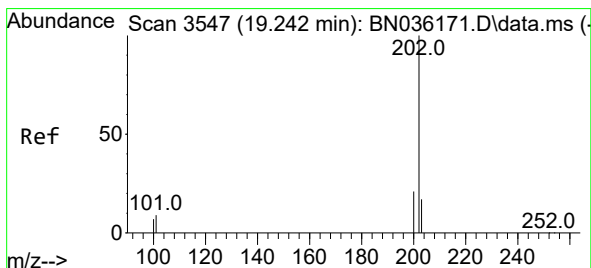
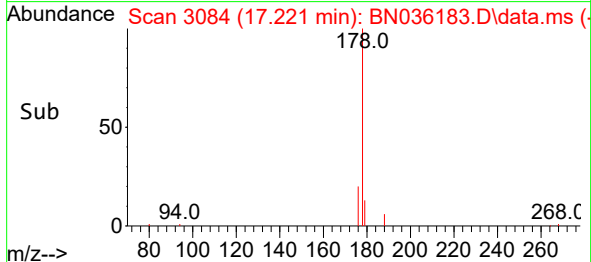
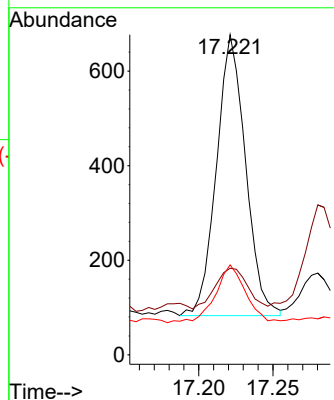


#15
Phenanthrene
Concen: 0.028 ng/ul
RT: 17.221 min Scan# 3084
Delta R.T. -0.012 min
Lab File: BN036183.D
Acq: 01 Feb 2025 00:16

Instrument :
BNA_P
ClientSampleId :
A6322

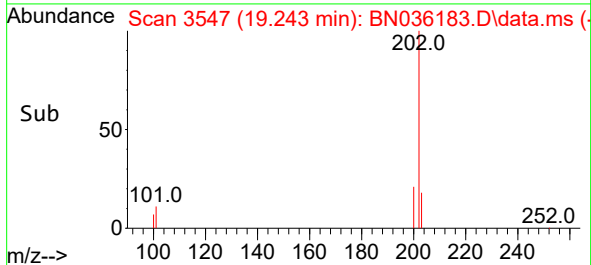
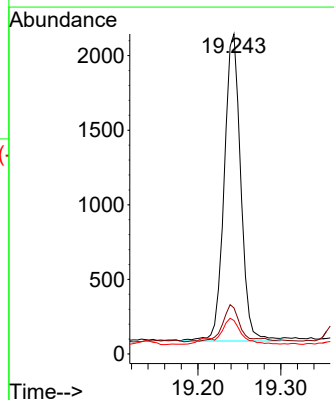
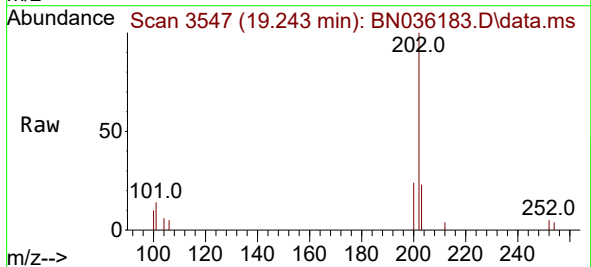


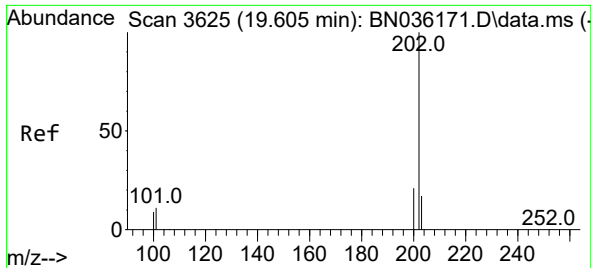
Tgt Ion:178 Resp: 809
Ion Ratio Lower Upper
178 100
179 27.0 13.2 19.8#
176 28.1 16.8 25.2#



#19
Fluoranthene
Concen: 0.074 ng/ul
RT: 19.243 min Scan# 3547
Delta R.T. -0.004 min
Lab File: BN036183.D
Acq: 01 Feb 2025 00:16

Tgt Ion:202 Resp: 2845
Ion Ratio Lower Upper
202 100
101 14.4 8.4 12.6#
100 10.4 6.5 9.7#

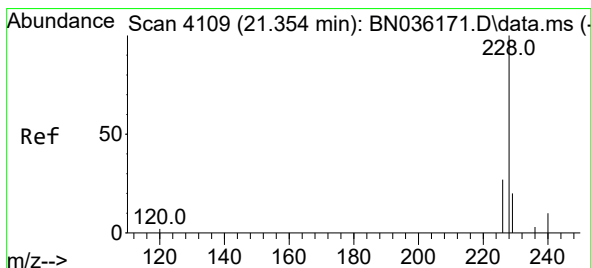
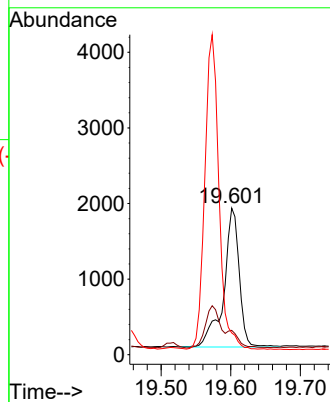
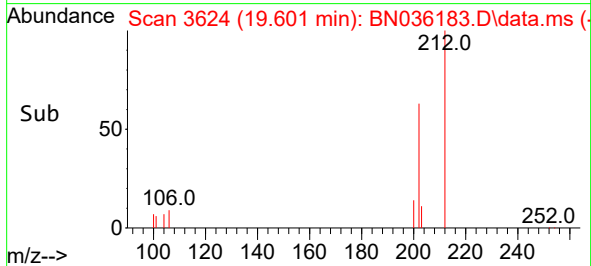
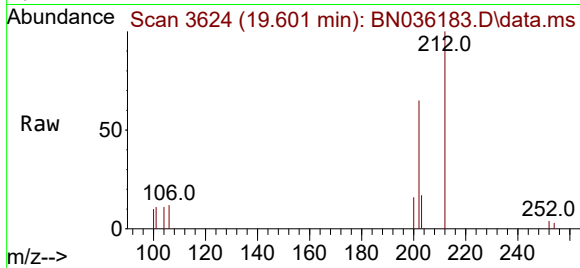




#20
Pyrene
Concen: 0.071 ng/ul
RT: 19.601 min Scan# 3624
Delta R.T. -0.009 min
Lab File: BN036183.D
Acq: 01 Feb 2025 00:16

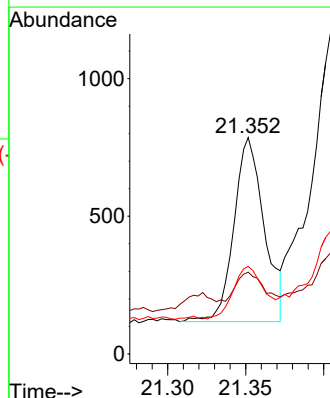
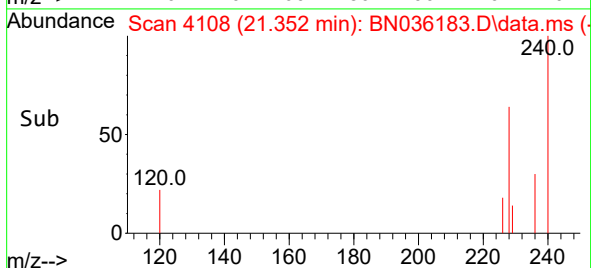
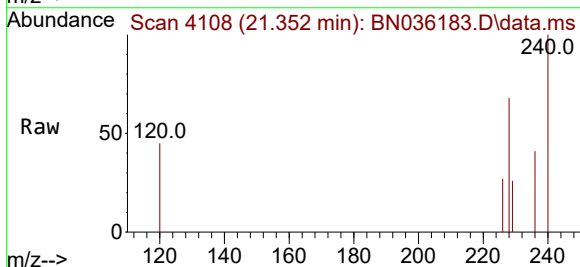
Instrument :
BNA_P
ClientSampleId :
A6322

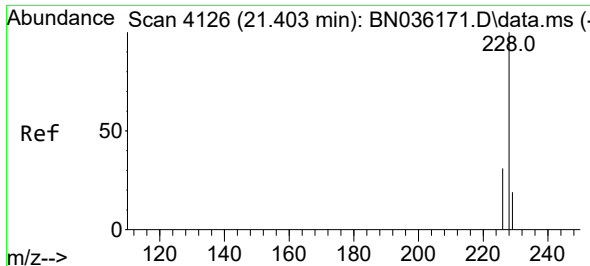
Tgt Ion:202 Resp: 2849
Ion Ratio Lower Upper
202 100
101 16.6 9.3 13.9#
100 14.9 7.5 11.3#



#21
Benzo(a)anthracene
Concen: 0.025 ng/ul
RT: 21.352 min Scan# 4108
Delta R.T. -0.002 min
Lab File: BN036183.D
Acq: 01 Feb 2025 00:16

Tgt Ion:228 Resp: 903
Ion Ratio Lower Upper
228 100
229 37.8 15.9 23.9#
226 40.5 22.8 34.2#





#22

Chrysene

Concen: 0.043 ng/ul

RT: 21.404 min Scan# 4126

Delta R.T. -0.002 min

Lab File: BN036183.D

Acq: 01 Feb 2025 00:16

Instrument :

BNA_P

ClientSampleId :

A6322

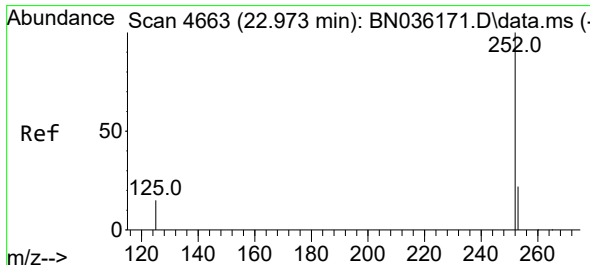
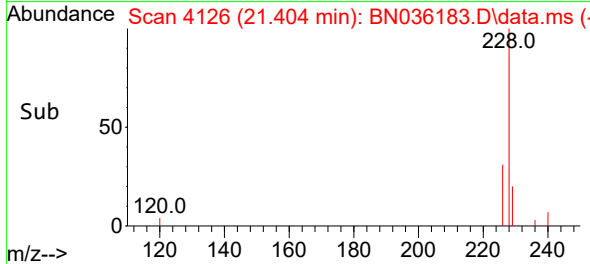
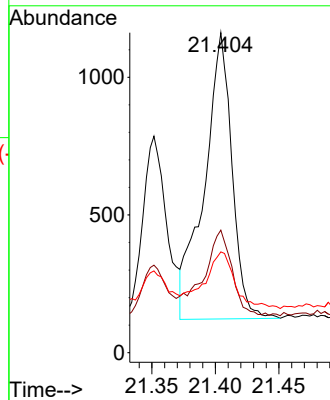
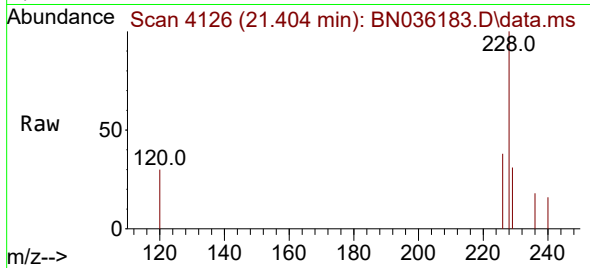
Tgt Ion:228 Resp: 1574

Ion Ratio Lower Upper

228 100

226 38.3 24.4 36.6#

229 31.5 15.9 23.9#



#24

Benzo(b)fluoranthene

Concen: 0.089 ng/ul

RT: 22.971 min Scan# 4662

Delta R.T. -0.002 min

Lab File: BN036183.D

Acq: 01 Feb 2025 00:16

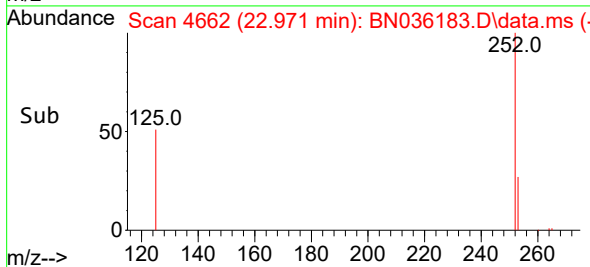
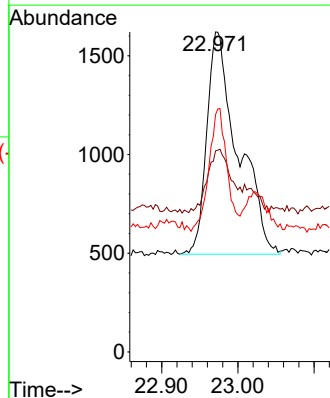
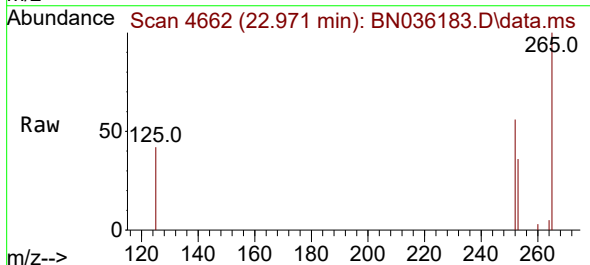
Tgt Ion:252 Resp: 3200

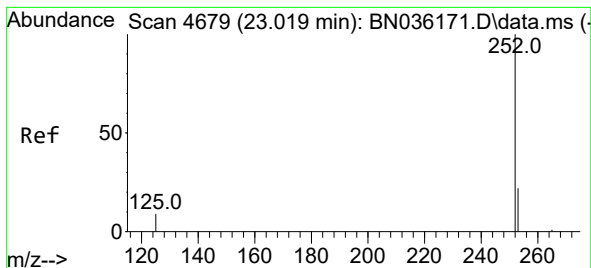
Ion Ratio Lower Upper

252 100

253 62.9 0.0 51.2#

125 74.2 0.0 27.8#





#25

Benzo(k)fluoranthene

Concen: 0.085 ng/ul

RT: 22.971 min Scan# 4662

Delta R.T. -0.049 min

Lab File: BN036183.D

Acq: 01 Feb 2025 00:16

Instrument :

BNA_P

ClientSampleId :

A6322

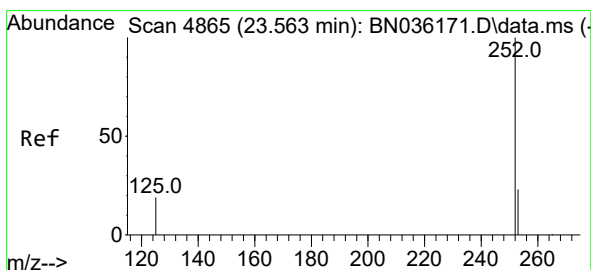
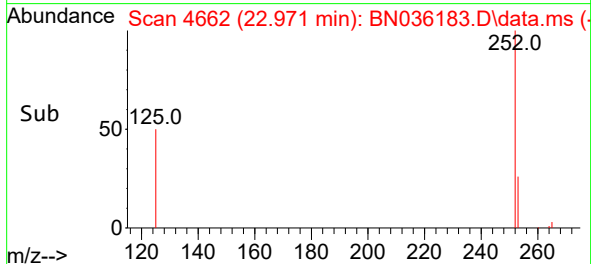
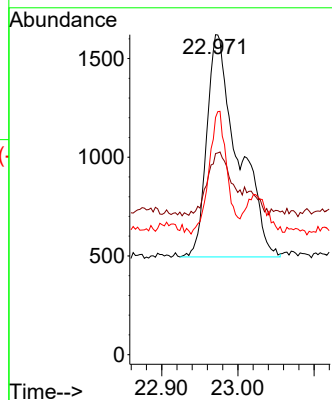
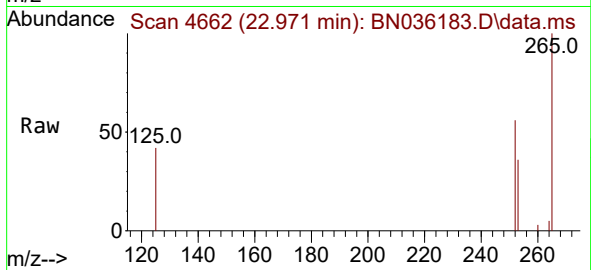
Tgt Ion:252 Resp: 3200

Ion Ratio Lower Upper

252 100

253 62.9 20.2 30.4#

125 74.2 10.6 16.0#



#26

Benzo(a)pyrene

Concen: 0.039 ng/ul

RT: 23.561 min Scan# 4864

Delta R.T. -0.002 min

Lab File: BN036183.D

Acq: 01 Feb 2025 00:16

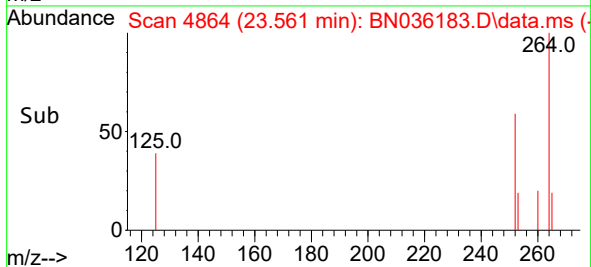
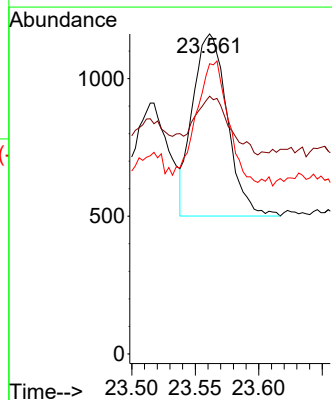
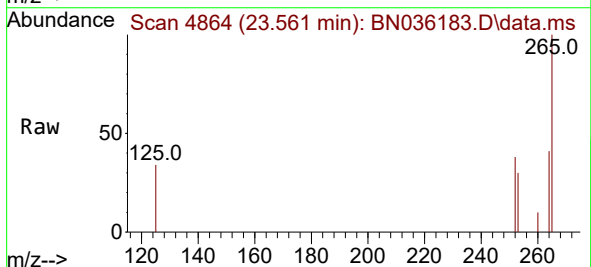
Tgt Ion:252 Resp: 1256

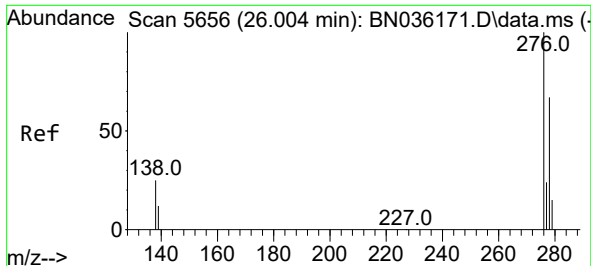
Ion Ratio Lower Upper

252 100

253 80.6 22.2 33.4#

125 90.7 13.1 19.7#

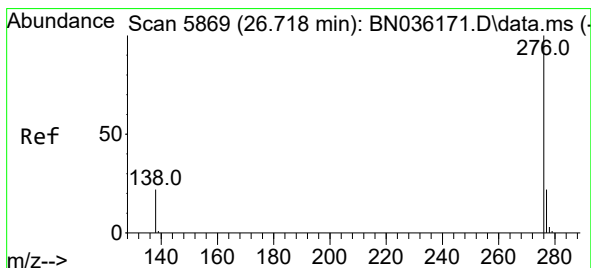
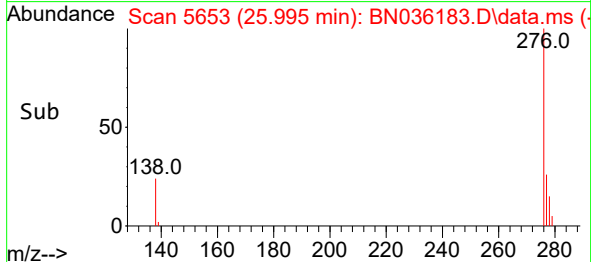
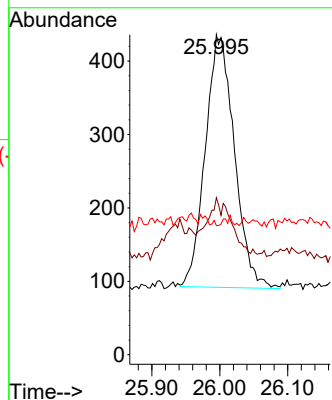
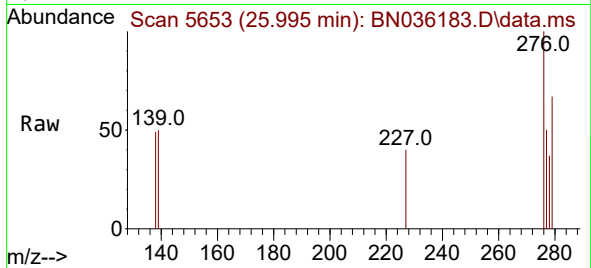




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.024 ng/ul
 RT: 25.995 min Scan# 5653
 Delta R.T. -0.009 min
 Lab File: BN036183.D
 Acq: 01 Feb 2025 00:16

Instrument :
 BNA_P
 ClientSampleId :
 A6322

Tgt Ion:276 Resp: 1024
 Ion Ratio Lower Upper
 276 100
 138 18.5 20.2 30.4#
 227 0.0 0.1 0.1#



#29
 Benzo(g,h,i)perylene
 Concen: 0.031 ng/ul
 RT: 26.716 min Scan# 5868
 Delta R.T. -0.003 min
 Lab File: BN036183.D
 Acq: 01 Feb 2025 00:16

Tgt Ion:276 Resp: 1031
 Ion Ratio Lower Upper
 276 100
 138 48.1 19.4 29.0#
 277 54.4 21.1 31.7#

