

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN026995.D
 Acq On : 21 Aug 2023 16:32
 Operator : MA/JU
 Sample : 03967-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48K5

Quant Time: Aug 22 01:39:12 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

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

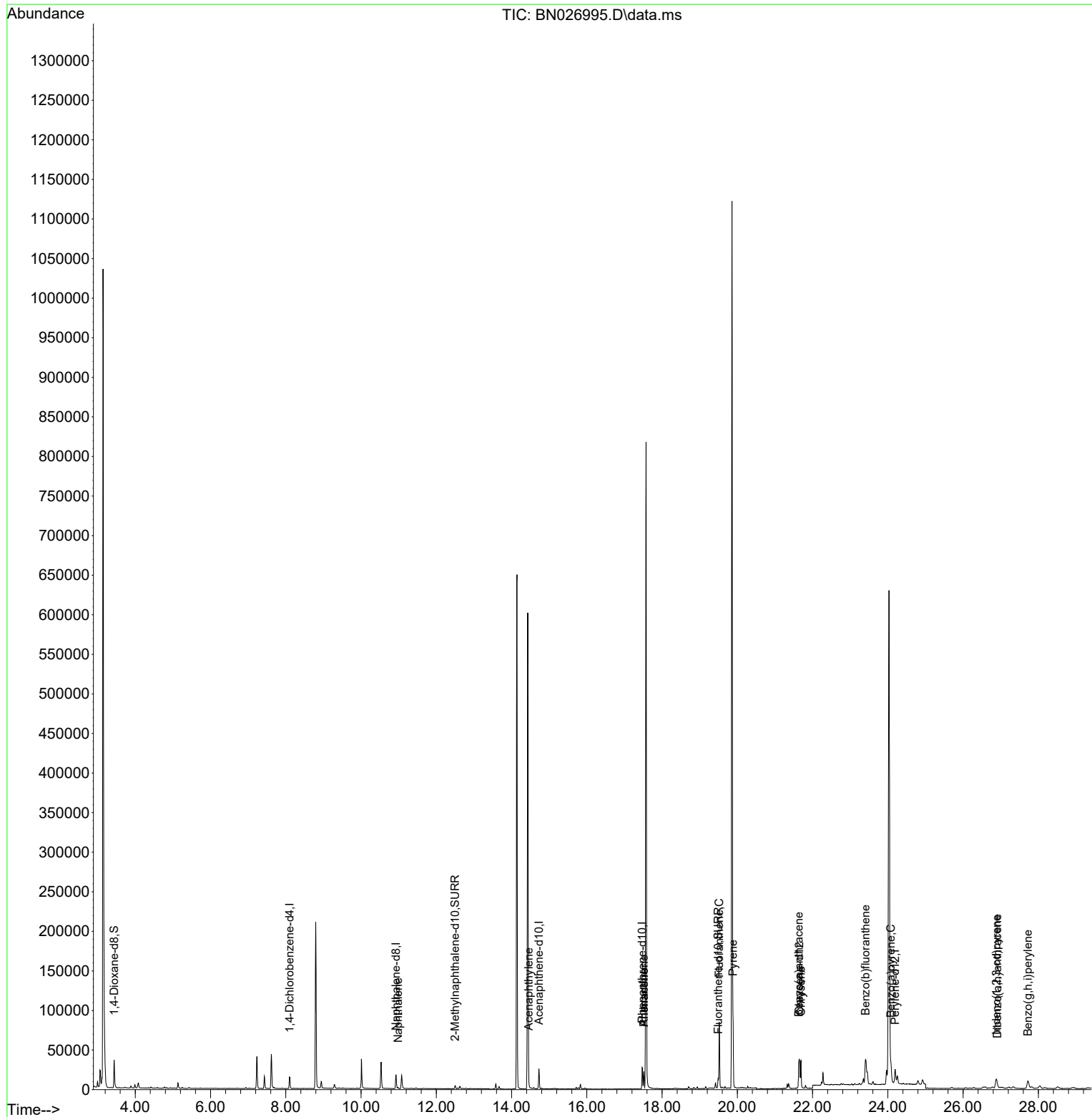
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	7391	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	24634	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.731	164	13985	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	31716	0.400	ng/ul	0.00
17) Chrysene-d12	21.650	240	26544	0.400	ng/ul	0.00
23) Perylene-d12	24.193	264	27530	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	24868	2.834	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	5130	0.142	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	12138	0.145	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.982	128	1981	0.028	ng/ul#	84
10) Acenaphthylene	14.458	152	3149	0.040	ng/ul#	93
15) Phenanthrene	17.515	178	23136	0.222	ng/ul	99
16) Anthracene	17.515	178	14833	0.158	ng/ul	99
19) Fluoranthene	19.520	202	70597	0.640	ng/ul	97
20) Pyrene	19.887	202	63585	0.540	ng/ul	100
21) Benzo(a)anthracene	21.635	228	28161	0.267	ng/ul	97
22) Chrysene	21.691	228	38589	0.370	ng/ul	97
24) Benzo(b)fluoranthene	23.404	252	75242	0.723	ng/ul	86
26) Benzo(a)pyrene	24.082	252	30888	0.329	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.884	276	23696	0.193	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.908	278	5199	0.053	ng/ul#	60
29) Benzo(g,h,i)perylene	27.723	276	24307	0.238	ng/ul	95

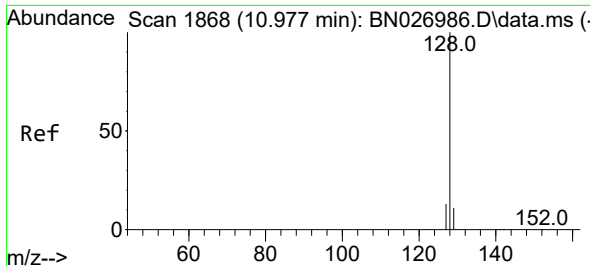
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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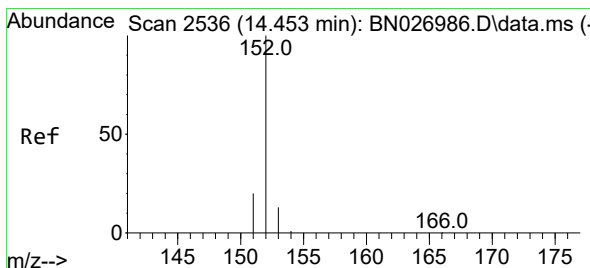
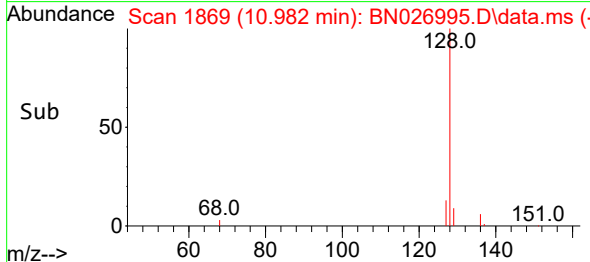
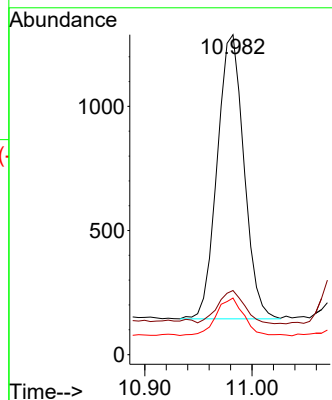
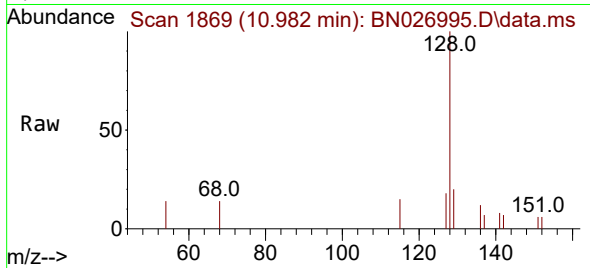




#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BN026995.D
Acq: 21 Aug 2023 16:32

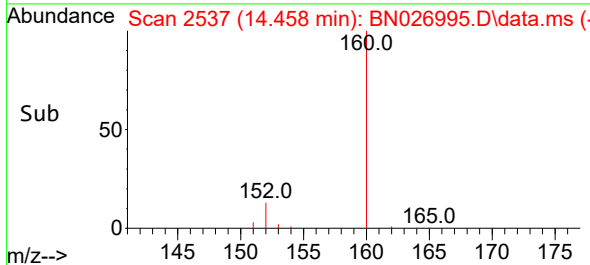
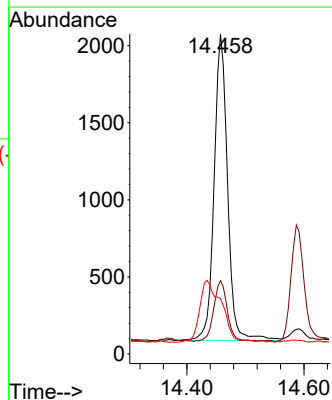
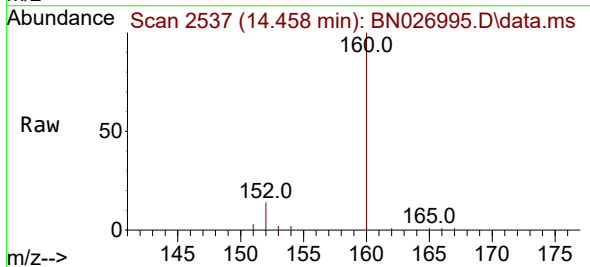
Instrument :
BNA_N
ClientSampleId :
A48K5

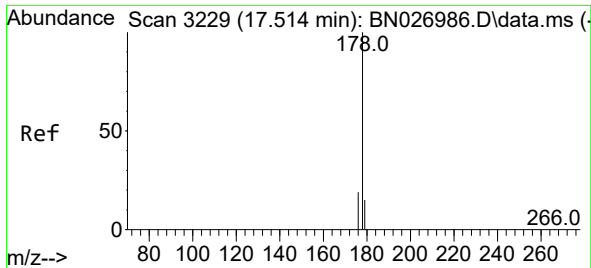
Tgt Ion:128 Resp: 1981
Ion Ratio Lower Upper
128 100
129 20.0 9.2 13.8#
127 17.7 10.5 15.7#



#10
Acenaphthylene
Concen: 0.040 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN026995.D
Acq: 21 Aug 2023 16:32

Tgt Ion:152 Resp: 3149
Ion Ratio Lower Upper
152 100
151 22.9 15.9 23.9
153 17.2 11.0 16.6#

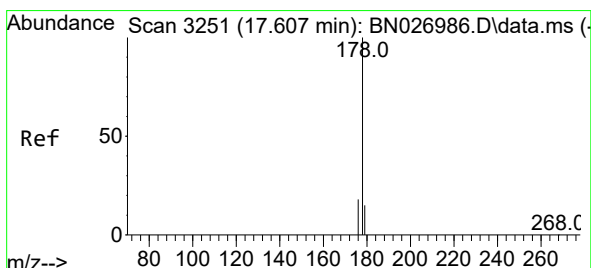
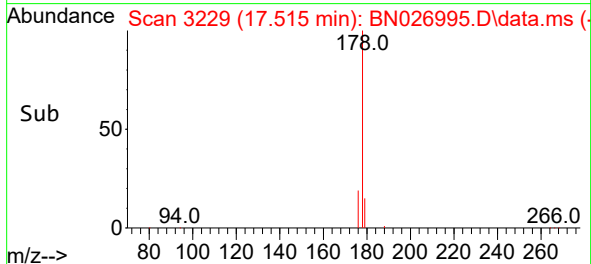
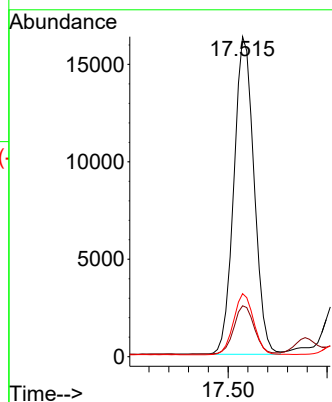
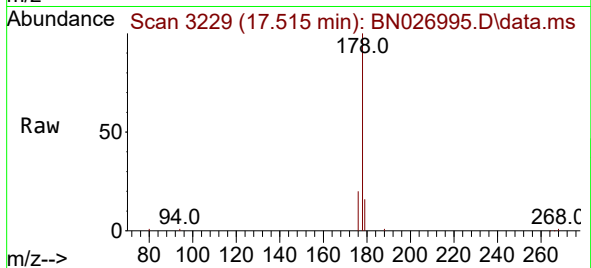




#15
Phenanthrene
Concen: 0.222 ng/ul
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026995.D
Acq: 21 Aug 2023 16:32

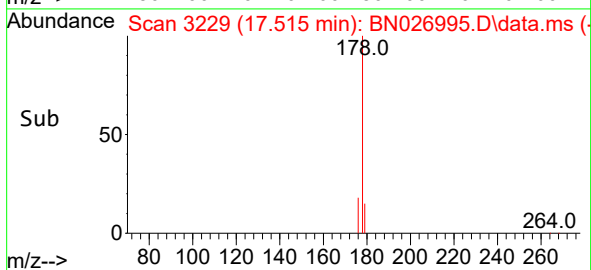
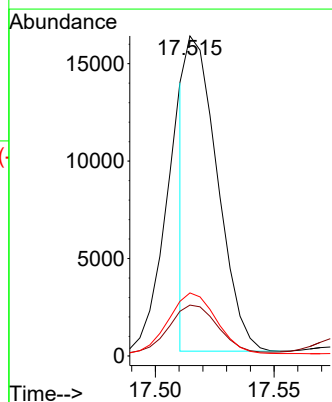
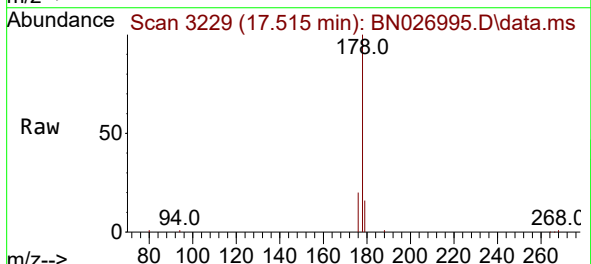
Instrument :
BNA_N
ClientSampleId :
A48K5

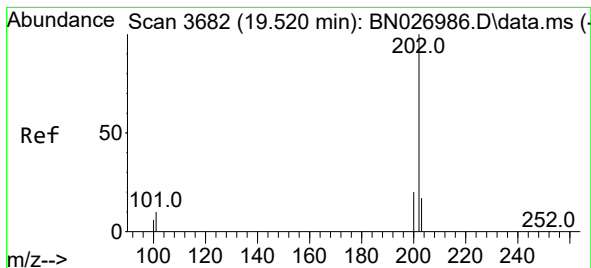
Tgt Ion:178 Resp: 23136
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.7 15.4 23.2



#16
Anthracene
Concen: 0.158 ng/ul
RT: 17.515 min Scan# 3229
Delta R.T. -0.093 min
Lab File: BN026995.D
Acq: 21 Aug 2023 16:32

Tgt Ion:178 Resp: 14833
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 19.7 15.0 22.6





#19

Fluoranthene

Concen: 0.640 ng/ul

RT: 19.520 min Scan# 3682

Delta R.T. -0.005 min

Lab File: BN026995.D

Acq: 21 Aug 2023 16:32

Instrument :

BNA_N

ClientSampleId :

A48K5

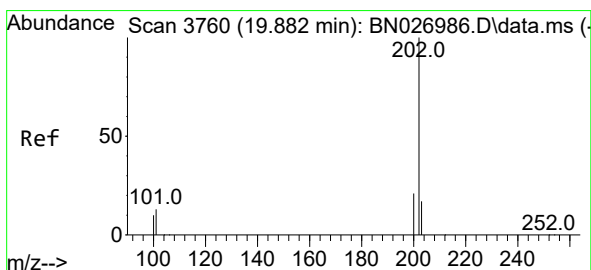
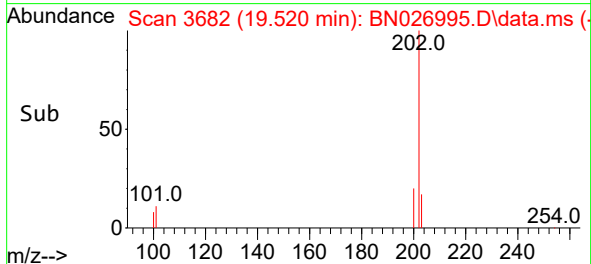
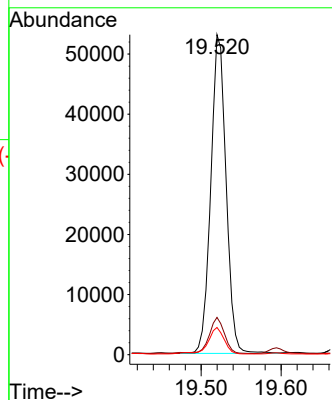
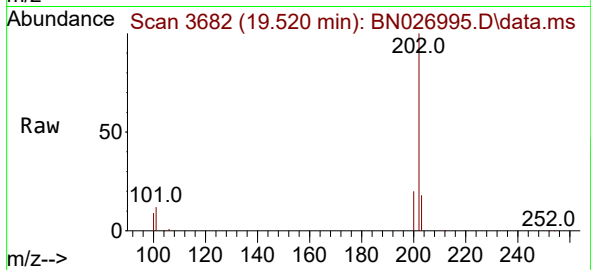
Tgt Ion:202 Resp: 70597

Ion Ratio Lower Upper

202 100

101 11.7 8.3 12.5

100 8.5 6.2 9.2



#20

Pyrene

Concen: 0.540 ng/ul

RT: 19.887 min Scan# 3761

Delta R.T. -0.000 min

Lab File: BN026995.D

Acq: 21 Aug 2023 16:32

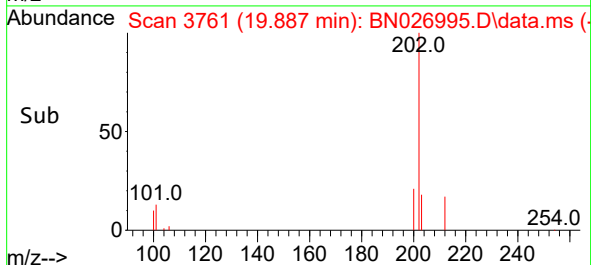
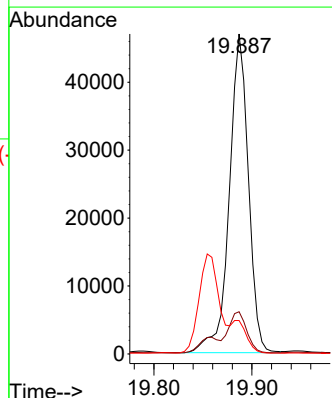
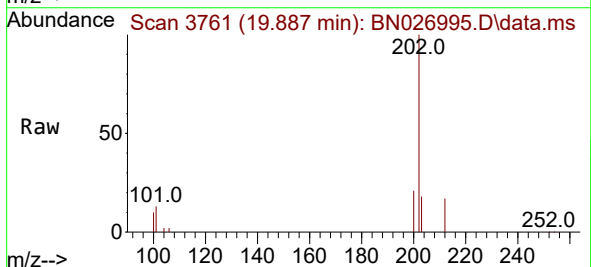
Tgt Ion:202 Resp: 63585

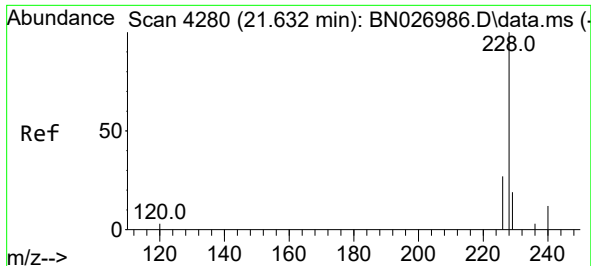
Ion Ratio Lower Upper

202 100

101 13.2 10.7 16.1

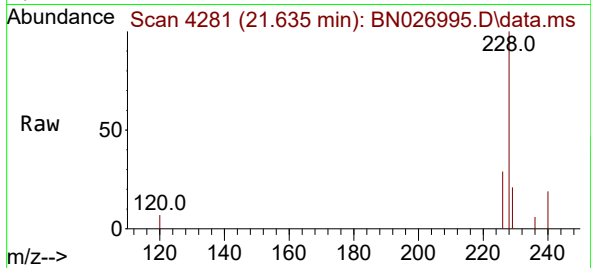
100 10.4 8.5 12.7



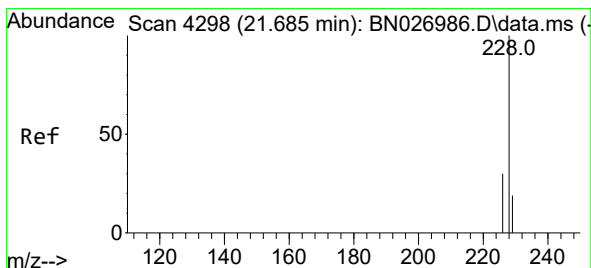
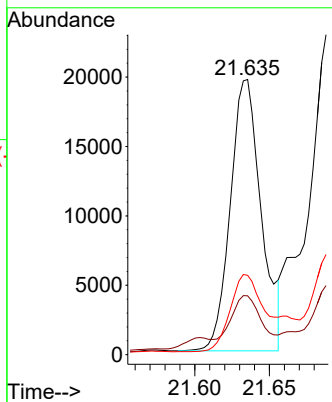
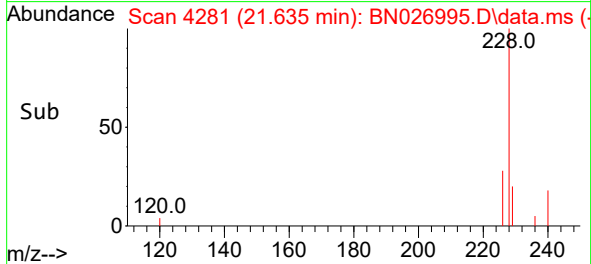


#21
Benzo(a)anthracene
Concen: 0.267 ng/ul
RT: 21.635 min Scan# 4300
Delta R.T. 0.003 min
Lab File: BN026995.D
Acq: 21 Aug 2023 16:32

Instrument :
BNA_N
ClientSampleId :
A48K5

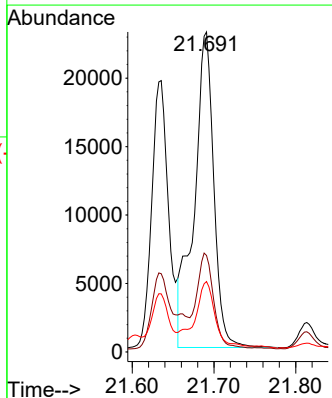
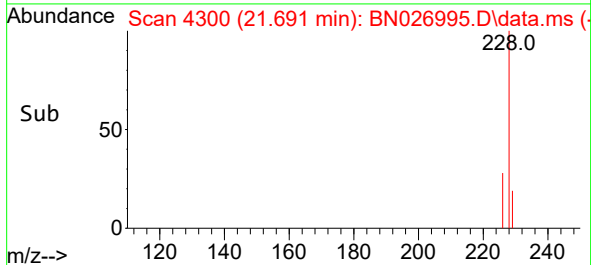
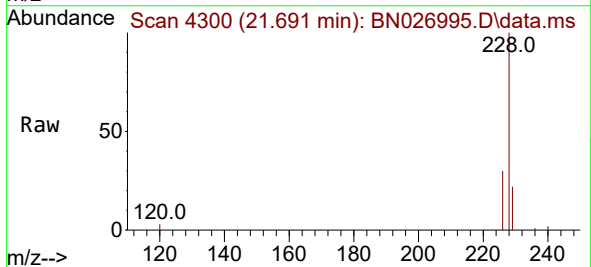


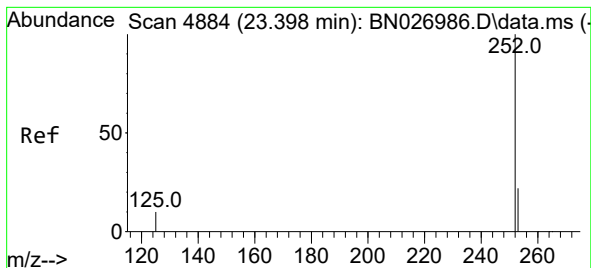
Tgt Ion:228 Resp: 28161
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 28.8 22.2 33.2



#22
Chrysene
Concen: 0.370 ng/ul
RT: 21.691 min Scan# 4300
Delta R.T. -0.000 min
Lab File: BN026995.D
Acq: 21 Aug 2023 16:32

Tgt Ion:228 Resp: 38589
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 22.0 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.723 ng/ul

RT: 23.404 min Scan# 4886

Delta R.T. -0.003 min

Lab File: BN026995.D

Acq: 21 Aug 2023 16:32

Instrument :

BNA_N

ClientSampleId :

A48K5

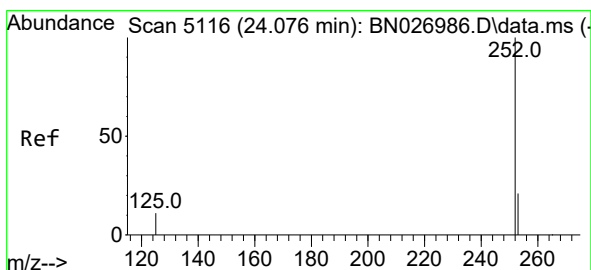
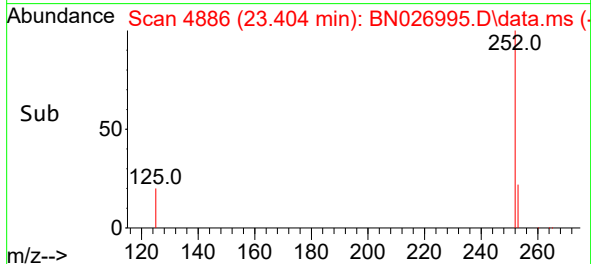
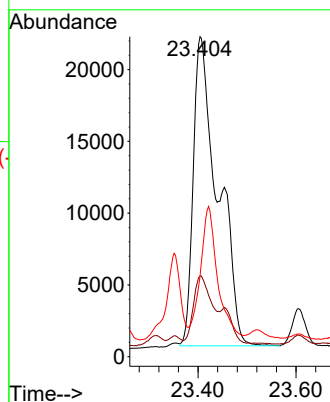
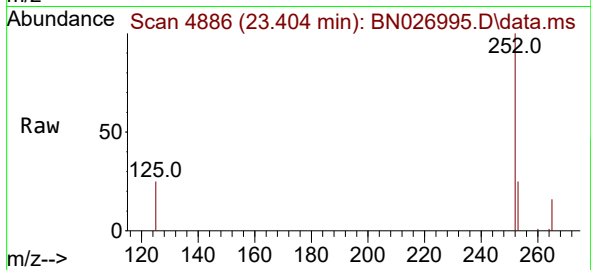
Tgt Ion:252 Resp: 75242

Ion Ratio Lower Upper

252 100

253 25.2 0.0 46.8

125 25.1 0.0 25.2



#26

Benzo(a)pyrene

Concen: 0.329 ng/ul

RT: 24.082 min Scan# 5118

Delta R.T. -0.003 min

Lab File: BN026995.D

Acq: 21 Aug 2023 16:32

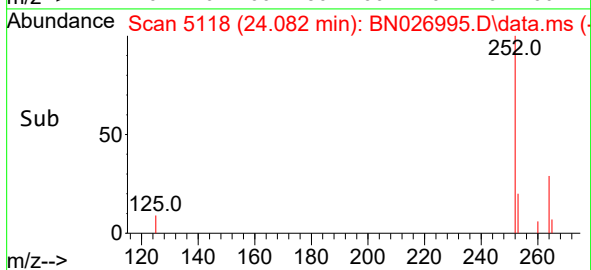
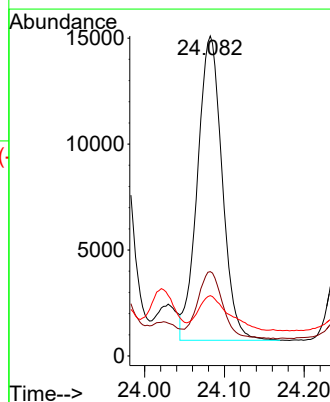
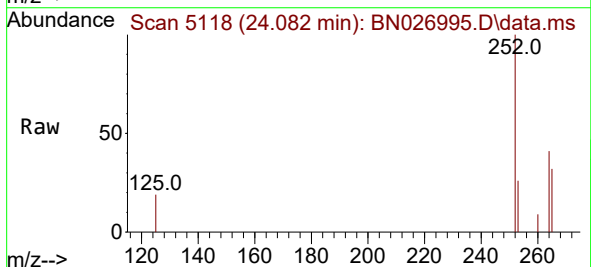
Tgt Ion:252 Resp: 30888

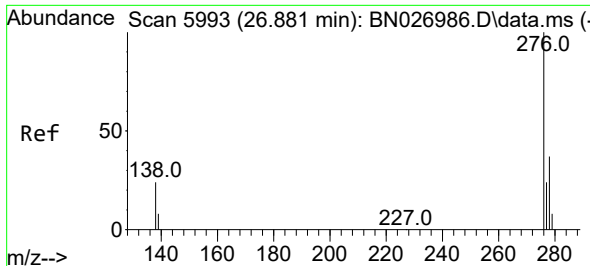
Ion Ratio Lower Upper

252 100

253 26.4 19.0 28.6

125 18.8 11.4 17.0#

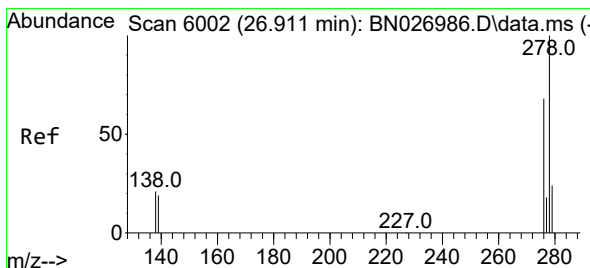
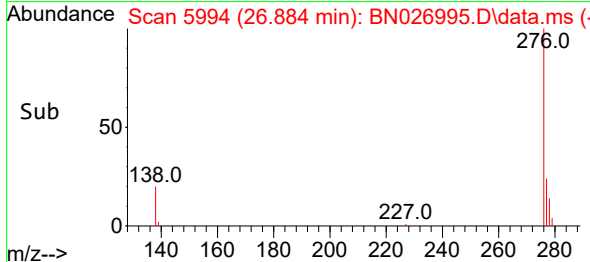
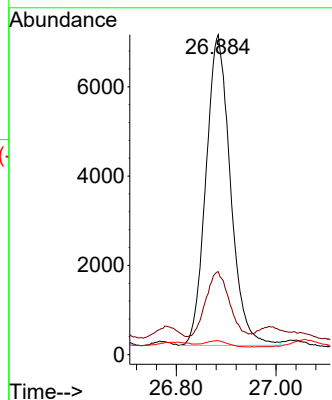
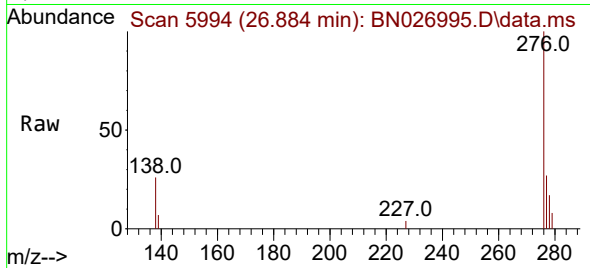




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.193 ng/ul
 RT: 26.884 min Scan# 5993
 Delta R.T. -0.001 min
 Lab File: BN026995.D
 Acq: 21 Aug 2023 16:32

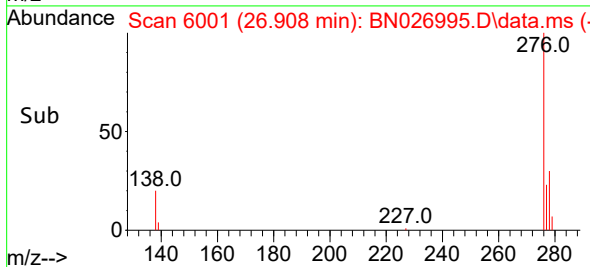
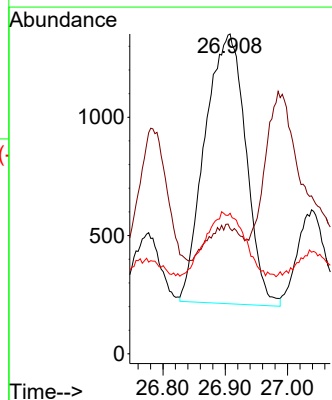
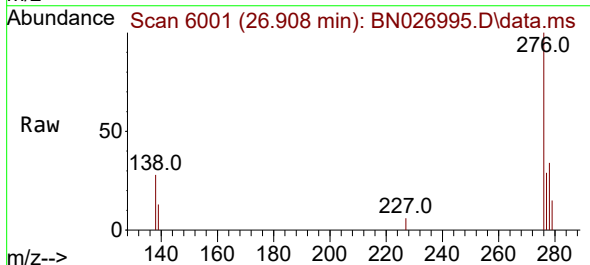
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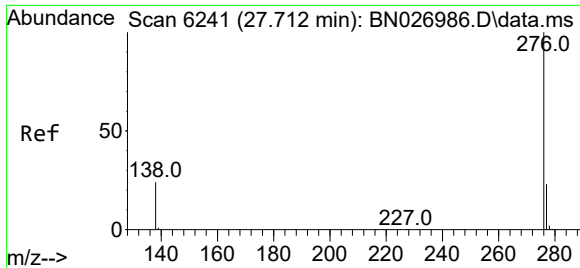
Tgt Ion:276 Resp: 23696
 Ion Ratio Lower Upper
 276 100
 138 20.0 21.6 32.4#
 227 1.8 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.053 ng/ul
 RT: 26.908 min Scan# 6001
 Delta R.T. -0.014 min
 Lab File: BN026995.D
 Acq: 21 Aug 2023 16:32

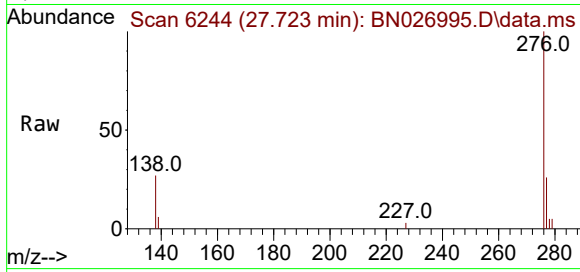
Tgt Ion:278 Resp: 5199
 Ion Ratio Lower Upper
 278 100
 139 39.1 15.7 23.5#
 279 43.9 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.238 ng/ul
 RT: 27.723 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: BN026995.D
 Acq: 21 Aug 2023 16:32

Instrument :
 BNA_N
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Tgt Ion:	276	Resp:	24307
Ion Ratio	Lower	Upper	
276	100		
138	27.2	19.3	28.9
277	26.3	19.8	29.8

