

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026235.D
 Acq On : 03 Jul 2023 21:13
 Operator : MA/JU
 Sample : 03246-18
 Misc :
 ALS Vial : 92 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 01:04:03 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

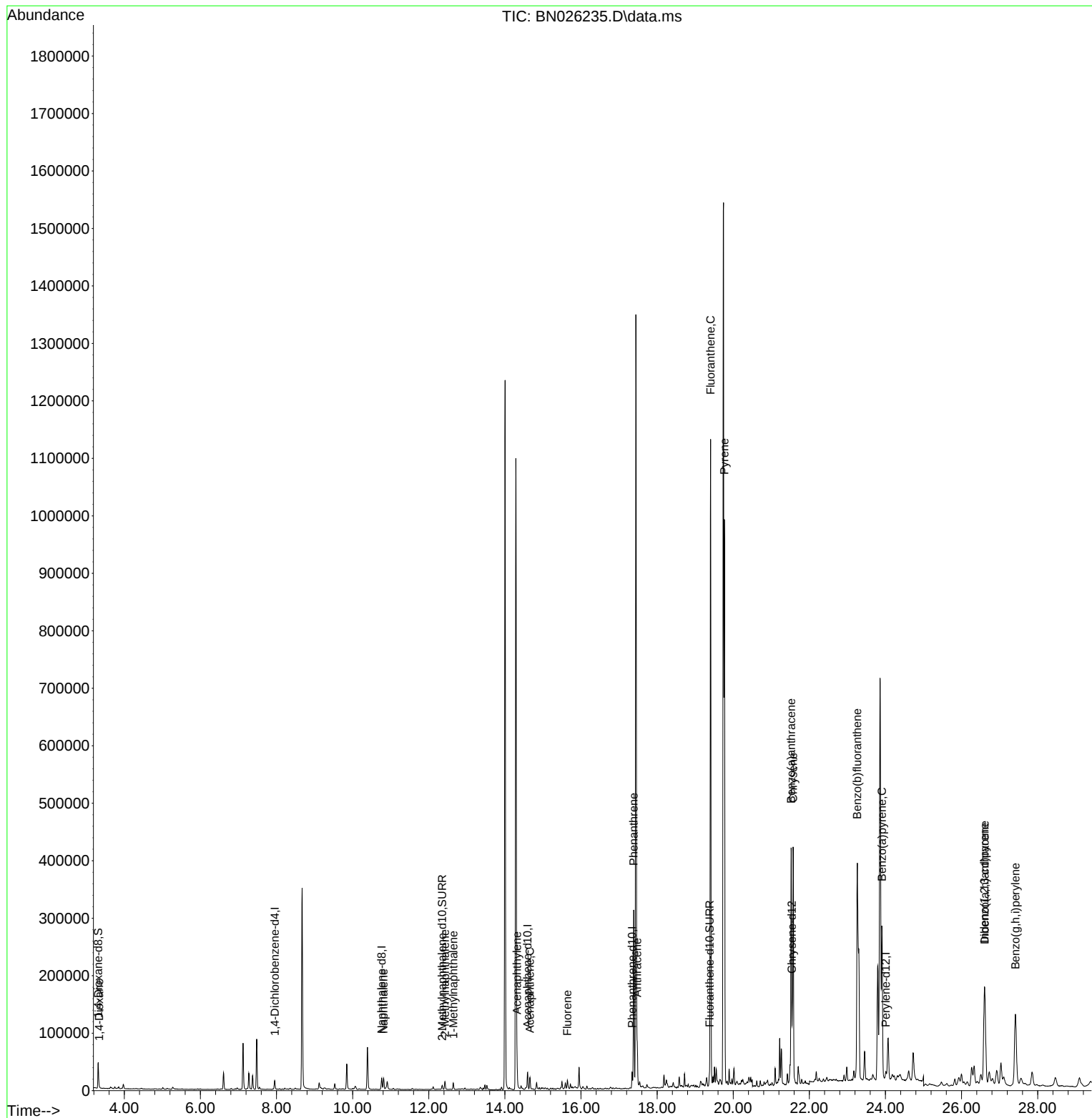
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	8411	0.400	ng/ul	0.00
4) Naphthalene-d8	10.763	136	25782	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.598	164	16441	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	34008	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	18568	0.400	ng/ul	# 0.00
23) Perylene-d12	24.010	264	17976	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	29954	3.162	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	9351	0.236	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	19291	0.273	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.339	88	257	0.026	ng/ul#	1
5) Naphthalene	10.813	128	26112	0.353	ng/ul	98
7) 2-Methylnaphthalene	12.424	142	10548	0.224	ng/ul	100
8) 1-Methylnaphthalene	12.644	142	8155	0.167	ng/ul	99
10) Acenaphthylene	14.320	152	46112	0.599	ng/ul	99
11) Acenaphthene	14.658	153	10516	0.167	ng/ul	99
12) Fluorene	15.643	166	9881	0.137	ng/ul#	97
15) Phenanthrene	17.384	178	337712	3.006	ng/ul	99
16) Anthracene	17.477	178	67510	0.676	ng/ul	98
19) Fluoranthene	19.404	202	953282	9.612	ng/ul	97
20) Pyrene	19.767	202	799101	7.747	ng/ul	96
21) Benzo(a)anthracene	21.522	228	354677	4.630	ng/ul	98
22) Chrysene	21.575	228	436814	5.481	ng/ul	97
24) Benzo(b)fluoranthene	23.258	252	881292	11.486	ng/ul	89
26) Benzo(a)pyrene	23.907	252	399801	6.000	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.604	276	339207	4.660	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.610	278	78493	1.425	ng/ul	99
29) Benzo(g,h,i)perylene	27.415	276	303892	4.693	ng/ul#	93

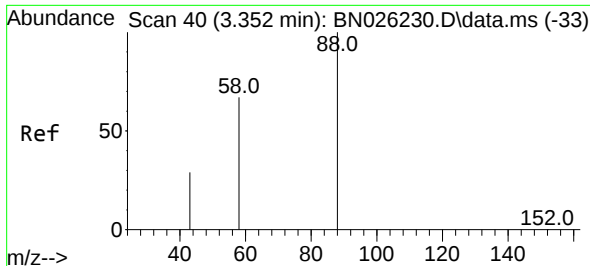
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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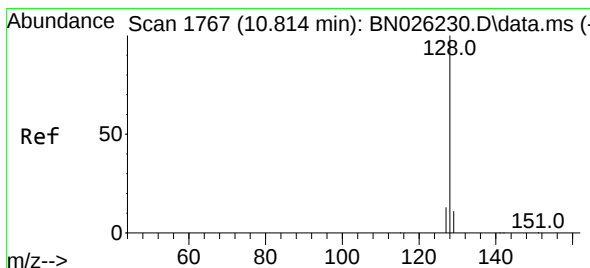
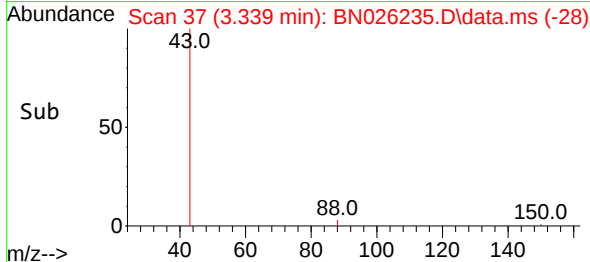
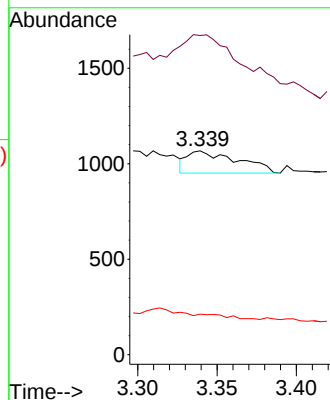
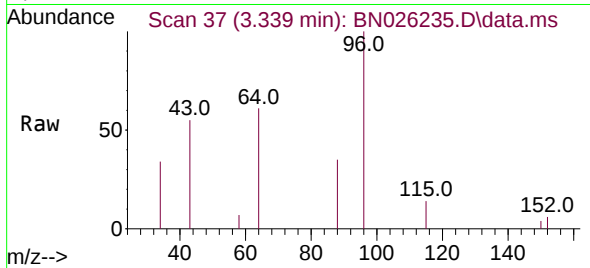




#2
1,4-Dioxane
Concen: 0.026 ng/ul
RT: 3.339 min Scan# 31
Delta R.T. -0.013 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

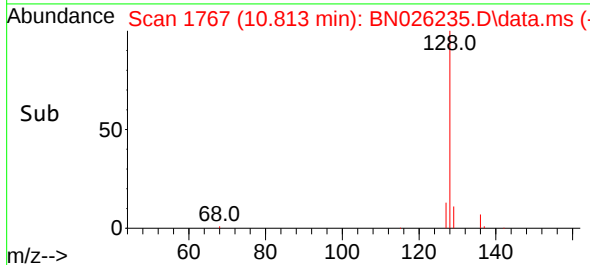
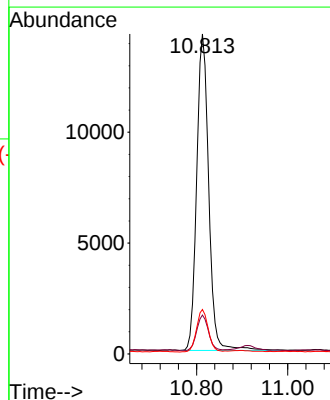
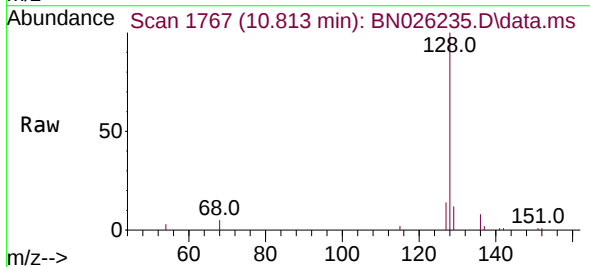
Instrument :
BNA_N
ClientSampleId :

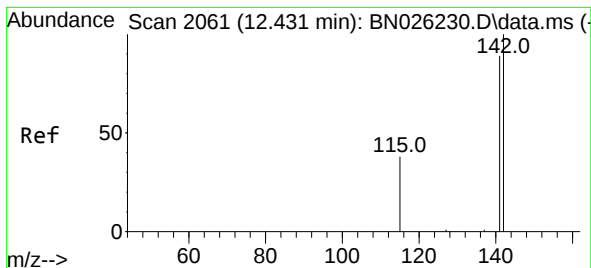
Tgt Ion: 88 Resp: 257
Ion Ratio Lower Upper
88 100
43 156.6 29.5 44.3#
58 19.9 37.4 56.2#



#5
Naphthalene
Concen: 0.353 ng/ul
RT: 10.813 min Scan# 1767
Delta R.T. -0.001 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

Tgt Ion:128 Resp: 26112
Ion Ratio Lower Upper
128 100
129 12.2 9.1 13.7
127 13.9 10.7 16.1





#7

2-Methylnaphthalene

Concen: 0.224 ng/ul

RT: 12.424 min Scan# 2060

Delta R.T. -0.007 min

Lab File: BN026235.D

Acq: 03 Jul 2023 21:13

Instrument :

BNA_N

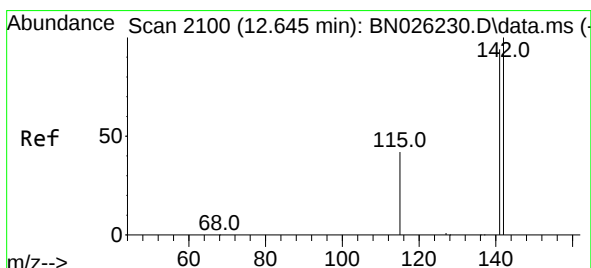
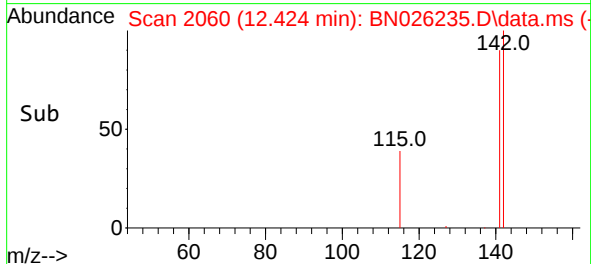
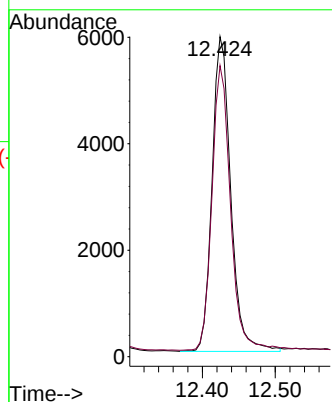
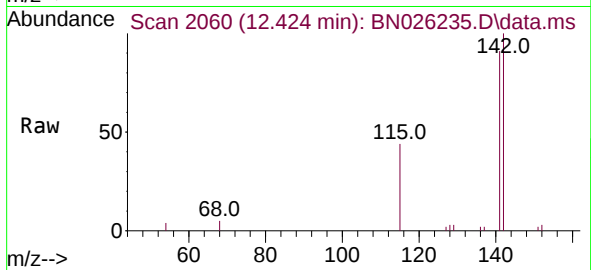
ClientSampleId :

Tgt Ion:142 Resp: 10548

Ion Ratio Lower Upper

142 100

141 89.6 71.9 107.9



#8

1-Methylnaphthalene

Concen: 0.167 ng/ul

RT: 12.644 min Scan# 2100

Delta R.T. -0.001 min

Lab File: BN026235.D

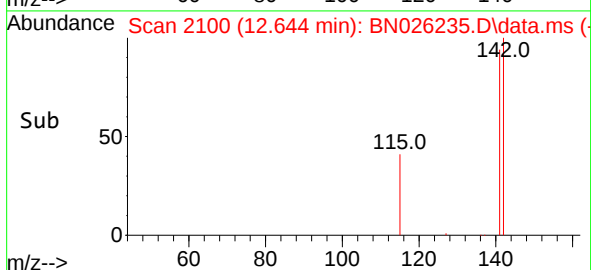
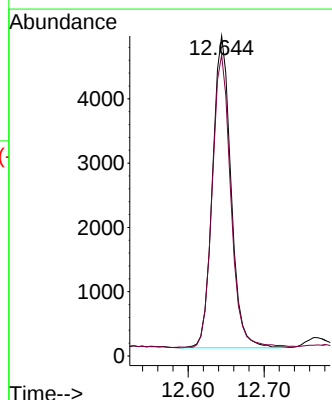
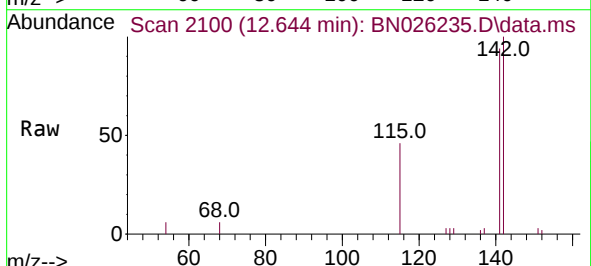
Acq: 03 Jul 2023 21:13

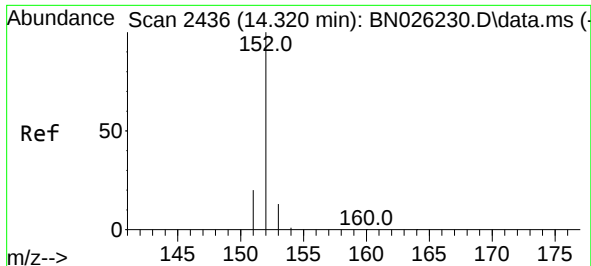
Tgt Ion:142 Resp: 8155

Ion Ratio Lower Upper

142 100

141 94.2 74.2 111.4

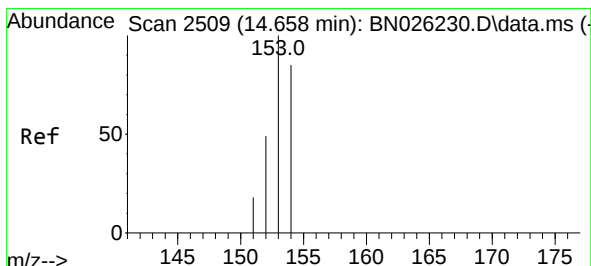
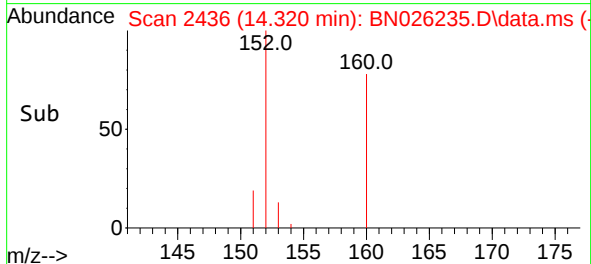
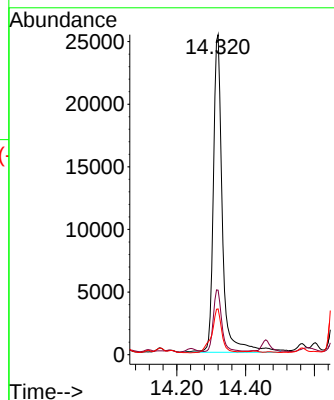
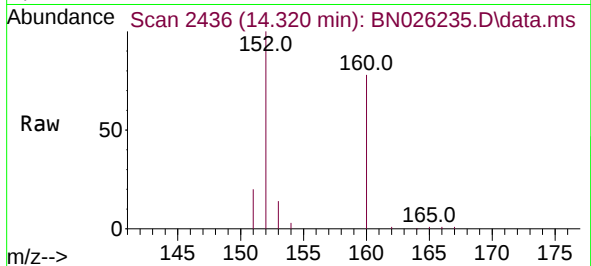




#10
Acenaphthylene
Concen: 0.599 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

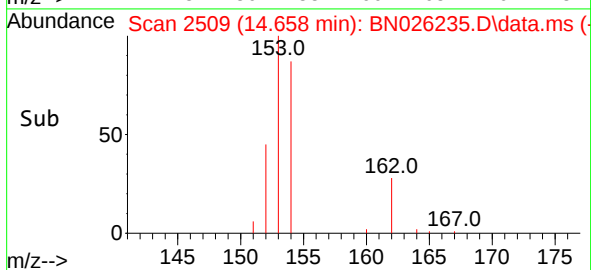
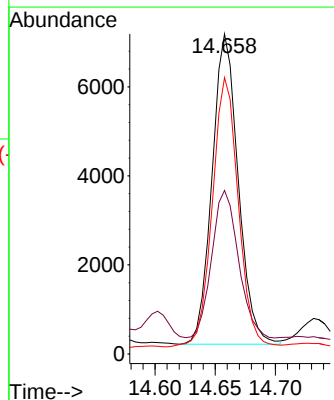
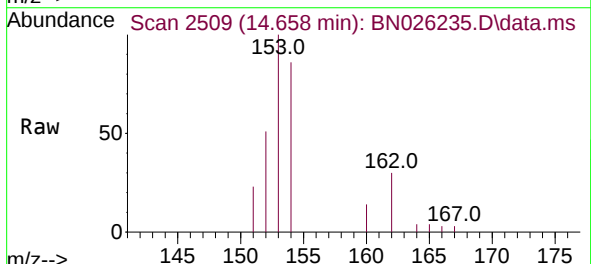
Instrument :
BNA_N
ClientSampleId :

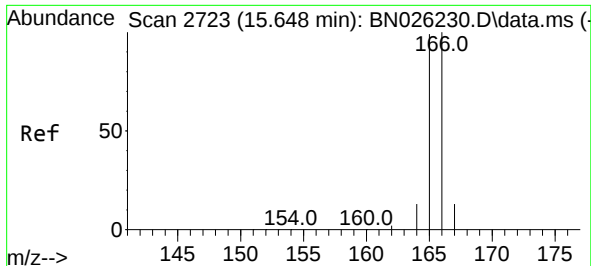
Tgt Ion:152 Resp: 46112
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 14.3 10.9 16.3



#11
Acenaphthene
Concen: 0.167 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.000 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

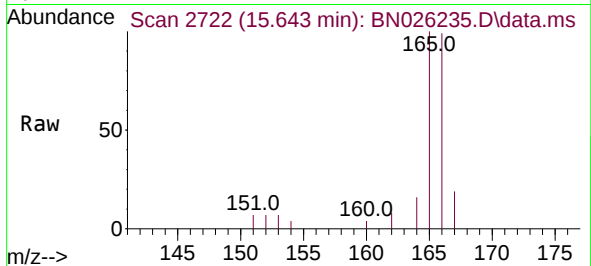
Tgt Ion:153 Resp: 10516
Ion Ratio Lower Upper
153 100
152 51.1 39.4 59.0
154 86.4 68.9 103.3



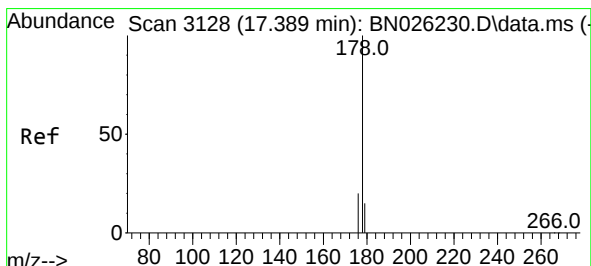
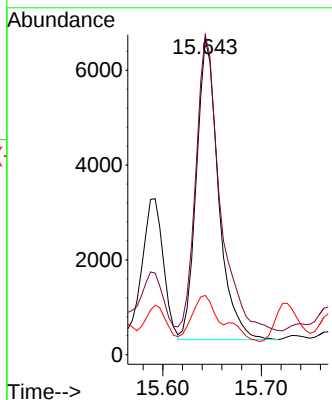
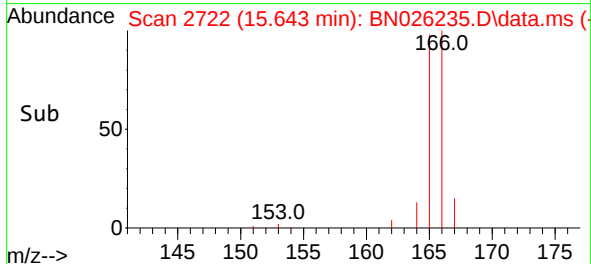


#12
Fluorene
Concen: 0.137 ng/ul
RT: 15.643 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

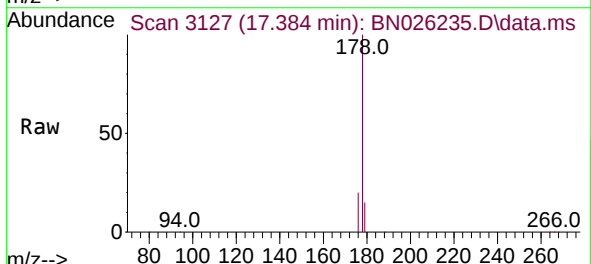
Instrument :
BNA_N
ClientSampleId :



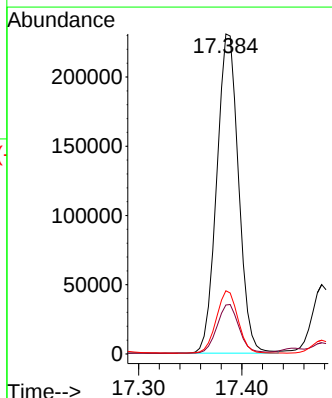
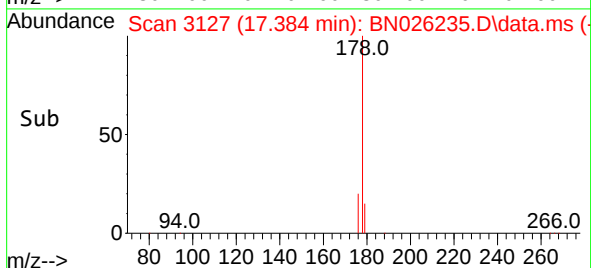
Tgt Ion:166 Resp: 9881
Ion Ratio Lower Upper
166 100
165 101.4 79.9 119.9
167 18.8 10.8 16.2#

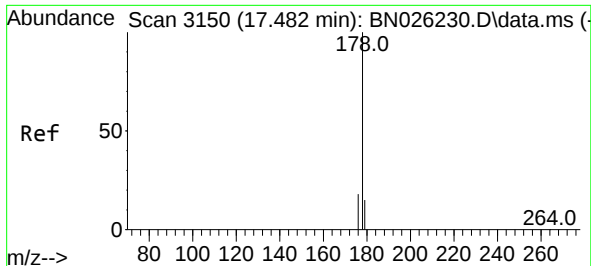


#15
Phenanthrene
Concen: 3.006 ng/ul
RT: 17.384 min Scan# 3127
Delta R.T. -0.005 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13



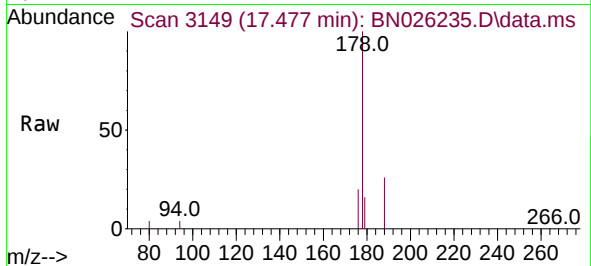
Tgt Ion:178 Resp: 337712
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.8 15.8 23.6



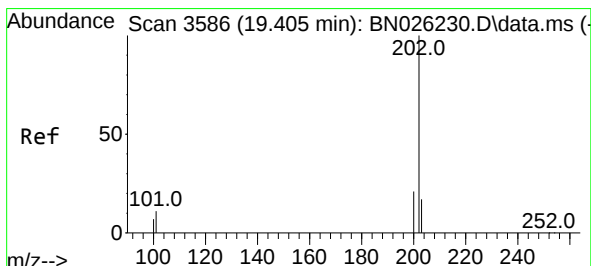
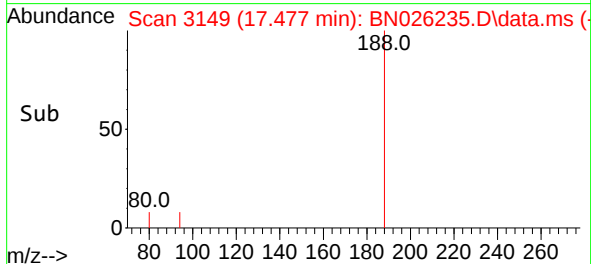
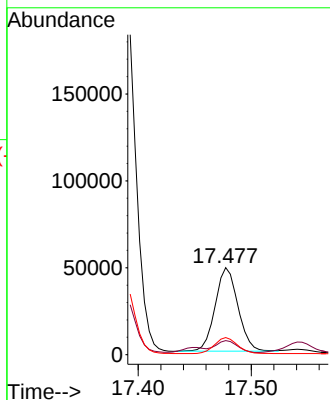


#16
 Anthracene
 Concen: 0.676 ng/ul
 RT: 17.477 min Scan# 3150
 Delta R.T. -0.005 min
 Lab File: BN026235.D
 Acq: 03 Jul 2023 21:13

Instrument :
 BNA_N
 ClientSampleId :

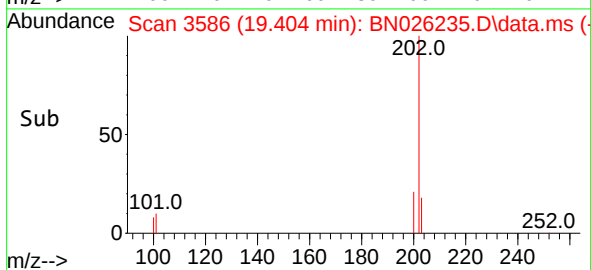
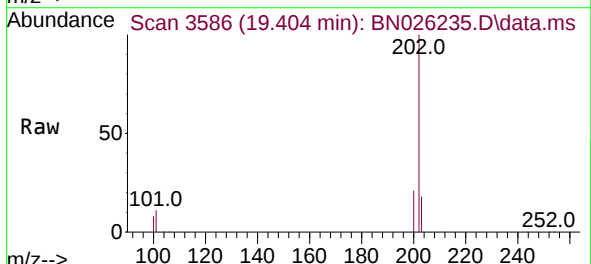
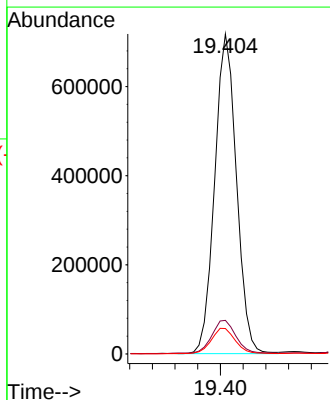


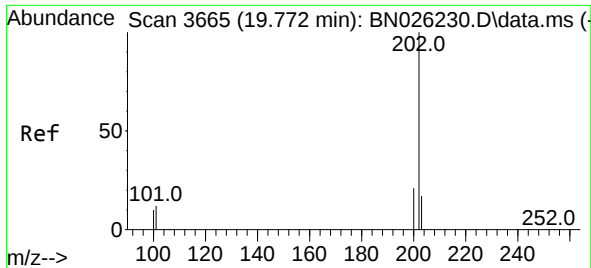
Tgt Ion:178 Resp: 67510
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.6 18.8
 176 19.7 15.1 22.7



#19
 Fluoranthene
 Concen: 9.612 ng/ul
 RT: 19.404 min Scan# 3586
 Delta R.T. -0.001 min
 Lab File: BN026235.D
 Acq: 03 Jul 2023 21:13

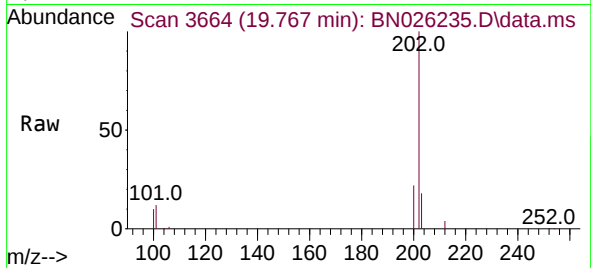
Tgt Ion:202 Resp: 953282
 Ion Ratio Lower Upper
 202 100
 101 10.5 9.5 14.3
 100 7.9 7.3 10.9



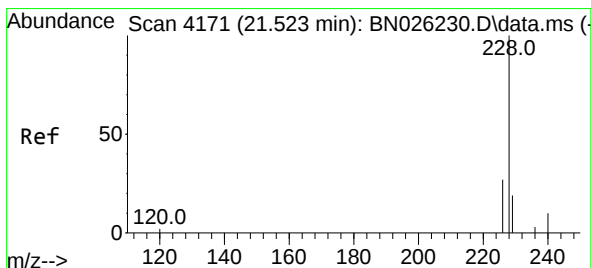
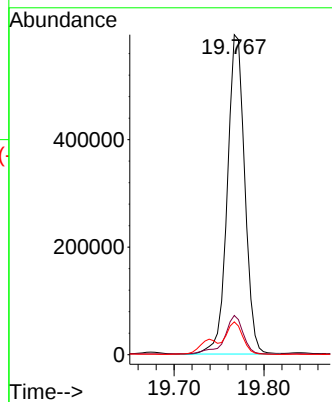
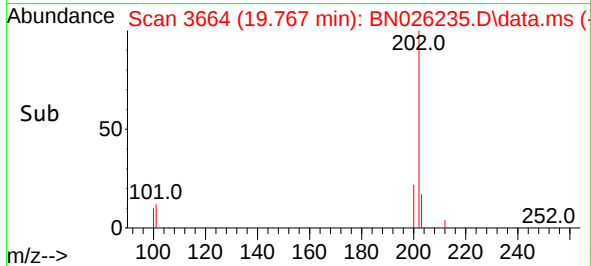


#20
 Pyrene
 Concen: 7.747 ng/ul
 RT: 19.767 min Scan# 3664
 Delta R.T. -0.005 min
 Lab File: BN026235.D
 Acq: 03 Jul 2023 21:13

Instrument :
 BNA_N
 ClientSampleId :

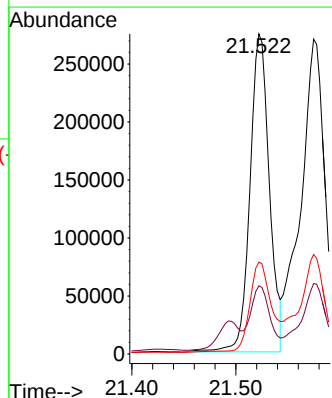
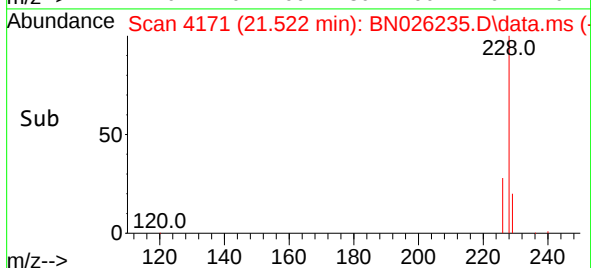
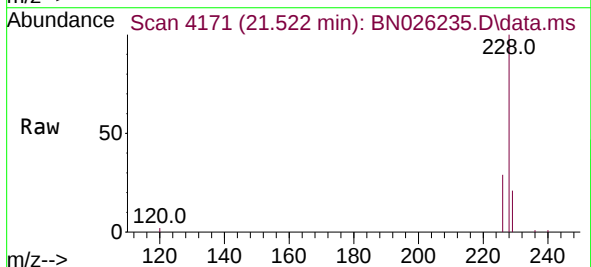


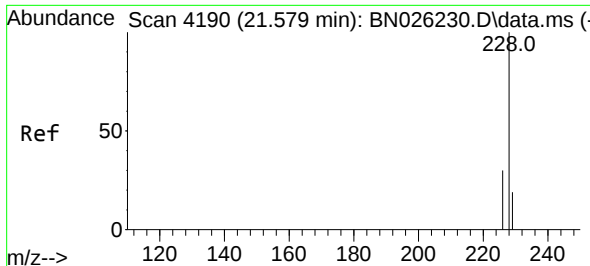
Tgt Ion:202 Resp: 799101
 Ion Ratio Lower Upper
 202 100
 101 12.3 11.4 17.0
 100 10.3 9.1 13.7



#21
 Benzo(a)anthracene
 Concen: 4.630 ng/ul
 RT: 21.522 min Scan# 4171
 Delta R.T. -0.001 min
 Lab File: BN026235.D
 Acq: 03 Jul 2023 21:13

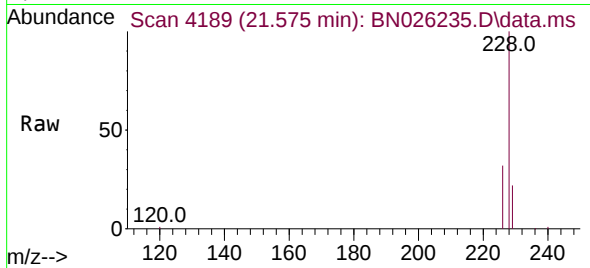
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 Ion Ratio Lower Upper
 228 100
 229 21.3 15.8 23.6
 226 28.7 22.5 33.7



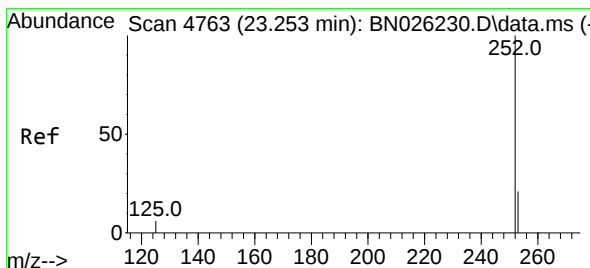
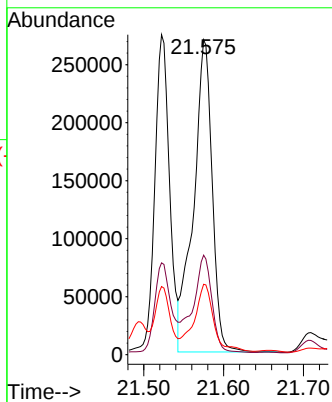
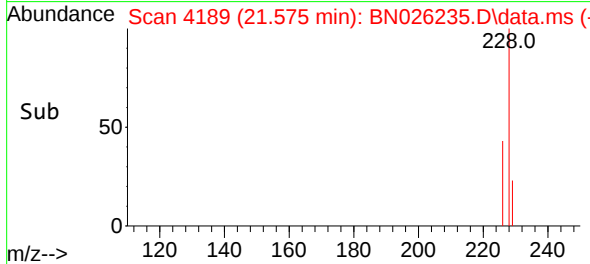


#22
Chrysene
Concen: 5.481 ng/ul
RT: 21.575 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

Instrument :
BNA_N
ClientSampleId :

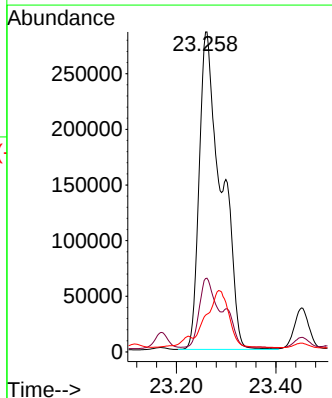
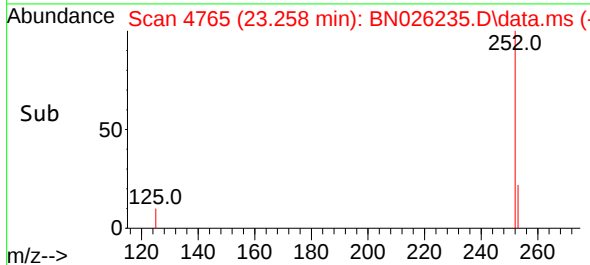
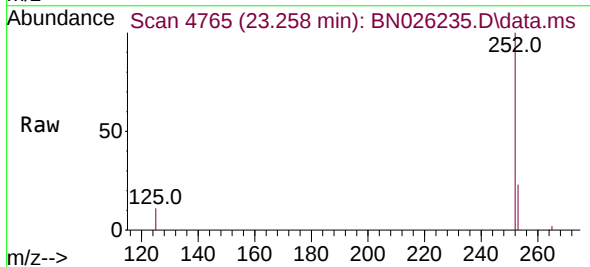


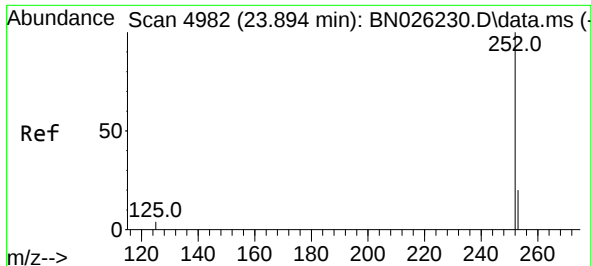
Tgt Ion:228 Resp: 436814
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 22.4 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 11.486 ng/ul
RT: 23.258 min Scan# 4765
Delta R.T. 0.005 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

Tgt Ion:252 Resp: 881292
Ion Ratio Lower Upper
252 100
253 23.0 0.0 55.6
125 11.5 0.0 35.8

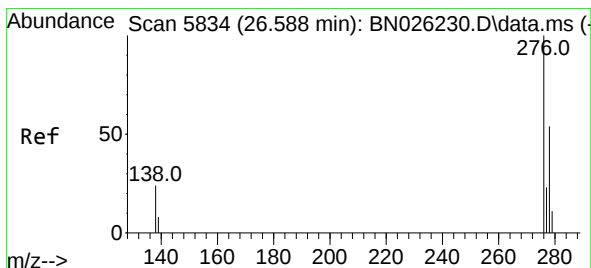
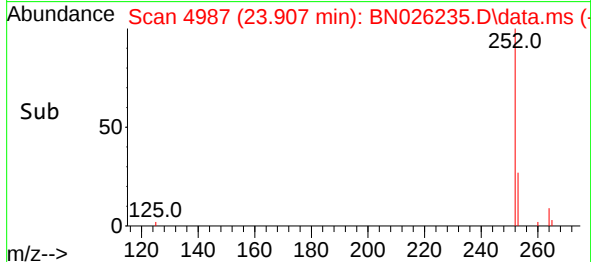
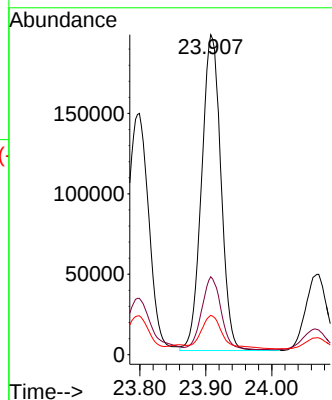
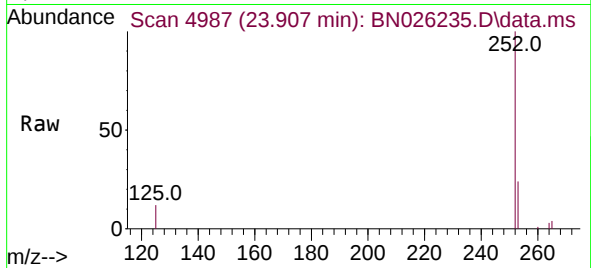




#26
Benzo(a)pyrene
Concen: 6.000 ng/ul
RT: 23.907 min Scan# 4987
Delta R.T. 0.014 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

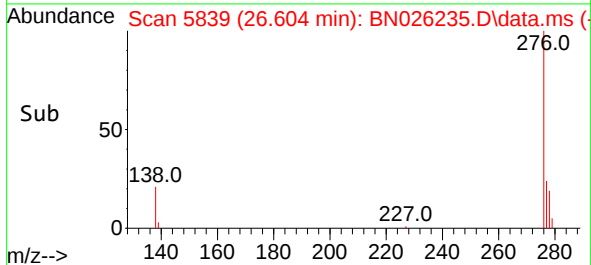
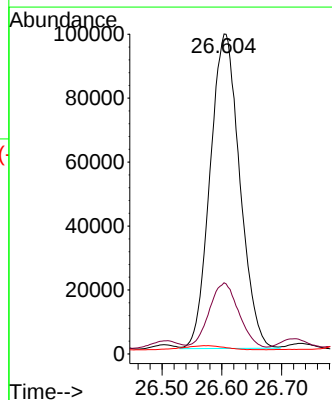
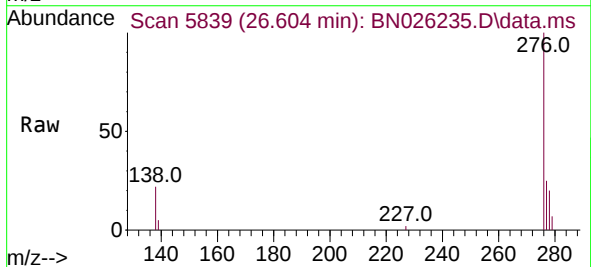
Instrument :
BNA_N
ClientSampleId :

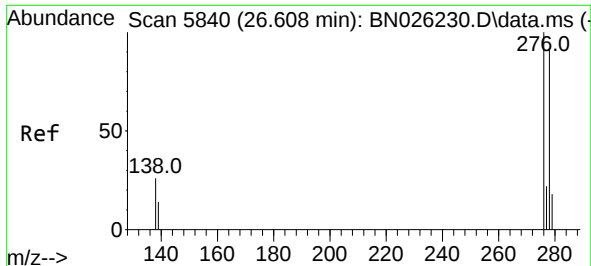
Tgt Ion:252 Resp: 399801
Ion Ratio Lower Upper
252 100
253 24.3 26.0 39.0#
125 12.3 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.660 ng/ul
RT: 26.604 min Scan# 5839
Delta R.T. 0.016 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

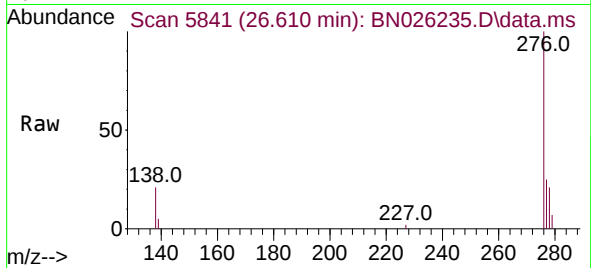
Tgt Ion:276 Resp: 339207
Ion Ratio Lower Upper
276 100
138 20.3 24.5 36.7#
227 0.0 0.0 0.0



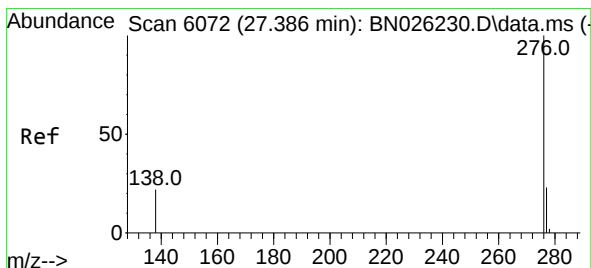
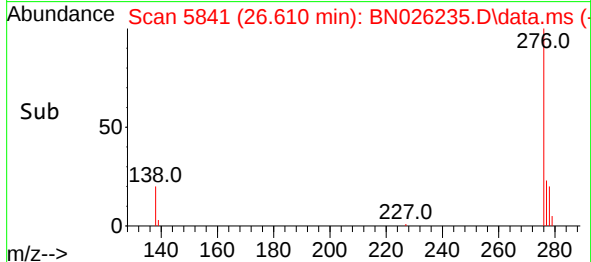
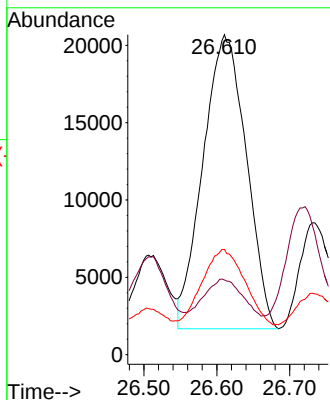


#28
Dibenzo(a,h)anthracene
Concen: 1.425 ng/ul
RT: 26.610 min Scan# 5841
Delta R.T. 0.003 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:278 Resp: 78493
Ion Ratio Lower Upper
278 100
139 23.4 19.0 28.4
279 32.9 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 4.693 ng/ul
RT: 27.415 min Scan# 6081
Delta R.T. 0.029 min
Lab File: BN026235.D
Acq: 03 Jul 2023 21:13

Tgt Ion:276 Resp: 303892
Ion Ratio Lower Upper
276 100
138 23.1 23.4 35.0#
277 24.5 20.0 30.0

