

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026242.D
 Acq On : 04 Jul 2023 01:33
 Operator : MA/JU
 Sample : 03247-16
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 04 03:56:36 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)

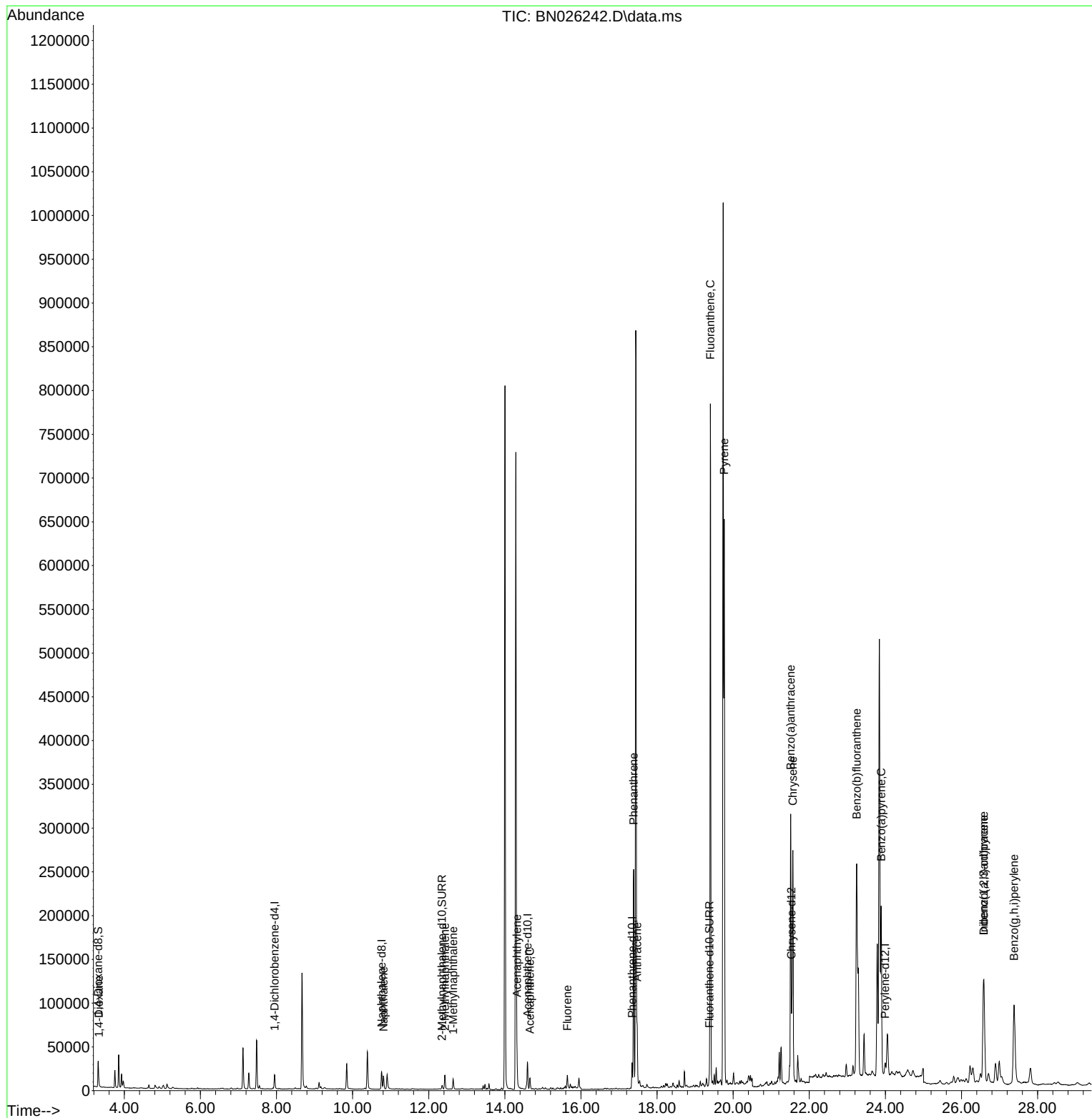
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	9311	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	29132	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.594	164	17646	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.344	188	35460	0.400	ng/ul	0.00
17) Chrysene-d12	21.530	240	19266	0.400	ng/ul	# 0.00
23) Perylene-d12	23.991	264	20231	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	20395	1.945	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	6301	0.141	ng/ul	-0.01
18) Fluoranthene-d10	19.374	212	11644	0.159	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.335	88	229	0.021	ng/ul#	1
5) Naphthalene	10.809	128	21360	0.256	ng/ul	99
7) 2-Methylnaphthalene	12.426	142	12610	0.237	ng/ul	100
8) 1-Methylnaphthalene	12.640	142	8491	0.154	ng/ul	99
10) Acenaphthylene	14.317	152	41460	0.502	ng/ul	100
11) Acenaphthene	14.659	153	7859	0.116	ng/ul	99
12) Fluorene	15.644	166	10332	0.133	ng/ul#	98
15) Phenanthrene	17.386	178	264234	2.256	ng/ul	99
16) Anthracene	17.479	178	71974	0.691	ng/ul	99
19) Fluoranthene	19.401	202	669611	6.507	ng/ul	97
20) Pyrene	19.764	202	546753	5.108	ng/ul	96
21) Benzo(a)anthracene	21.512	228	280510	3.529	ng/ul	98
22) Chrysene	21.568	228	295802	3.577	ng/ul	97
24) Benzo(b)fluoranthene	23.246	252	603895	6.994	ng/ul	90
26) Benzo(a)pyrene	23.889	252	276185	3.683	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.585	276	222689	2.718	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.585	278	53820	0.868	ng/ul	97
29) Benzo(g,h,i)perylene	27.380	276	211074	2.897	ng/ul	94

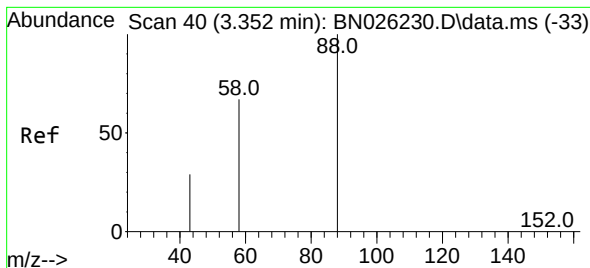
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.021 ng/ul

RT: 3.335 min Scan# 30

Delta R.T. -0.017 min

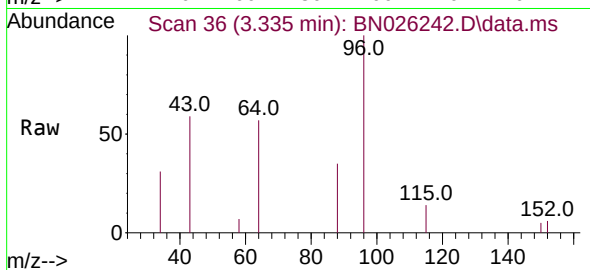
Lab File: BN026242.D

Acq: 04 Jul 2023 01:33

Instrument :

BNA_N

ClientSampleId :



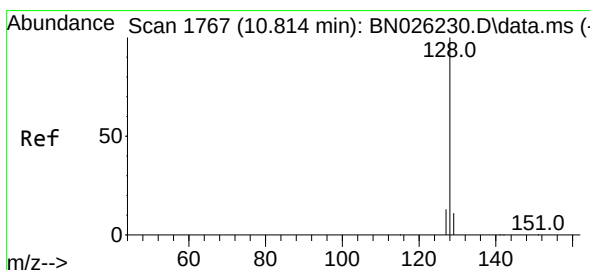
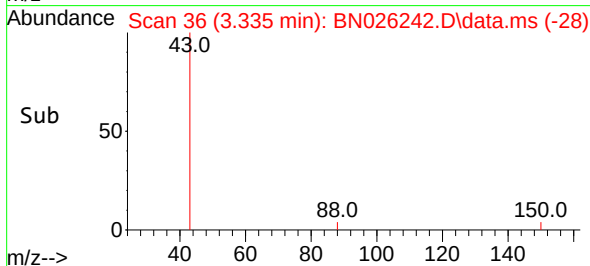
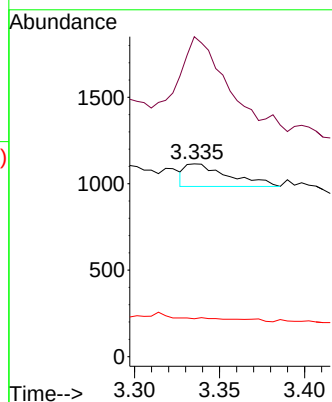
Tgt Ion: 88 Resp: 229

Ion Ratio Lower Upper

88 100

43 166.0 29.5 44.3#

58 19.6 37.4 56.2#



#5

Naphthalene

Concen: 0.256 ng/ul

RT: 10.809 min Scan# 1766

Delta R.T. -0.005 min

Lab File: BN026242.D

Acq: 04 Jul 2023 01:33

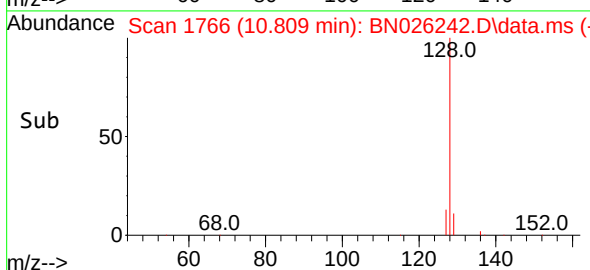
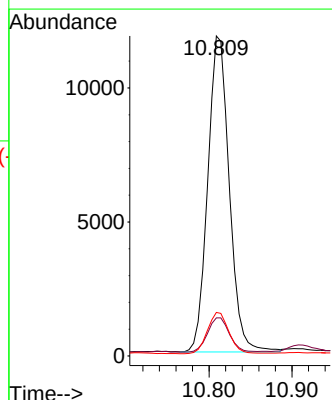
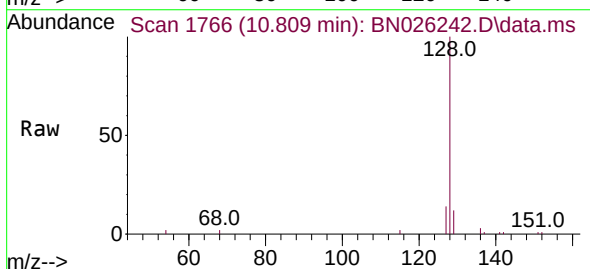
Tgt Ion:128 Resp: 21360

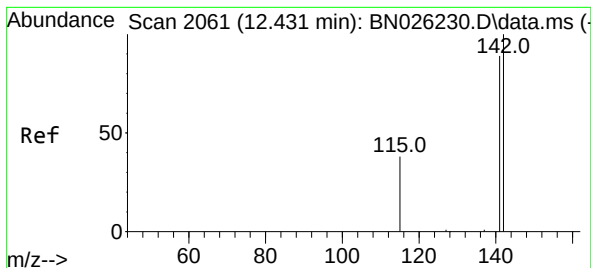
Ion Ratio Lower Upper

128 100

129 11.9 9.1 13.7

127 13.6 10.7 16.1

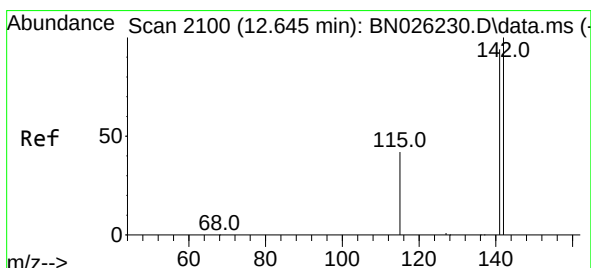
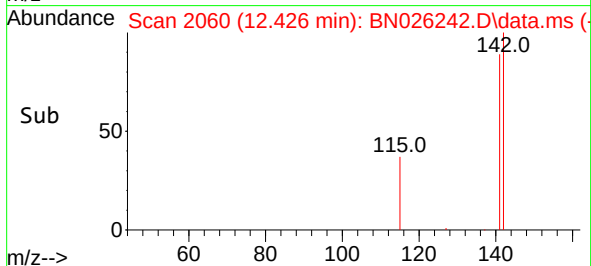
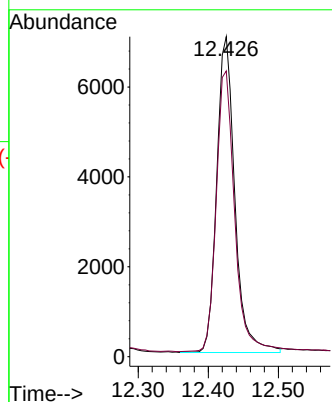
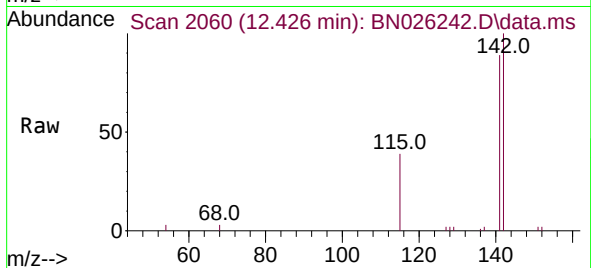




#7
2-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 12.426 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN026242.D
Acq: 04 Jul 2023 01:33

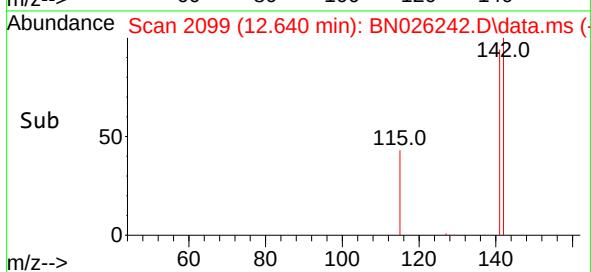
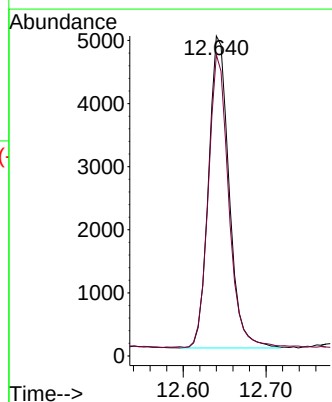
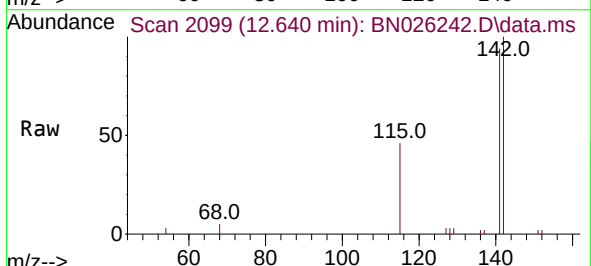
Instrument :
BNA_N
ClientSampleId :

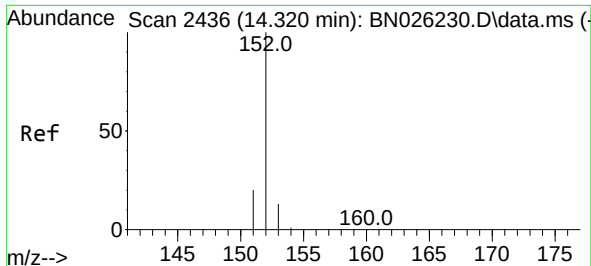
Tgt Ion:142 Resp: 12610
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN026242.D
Acq: 04 Jul 2023 01:33

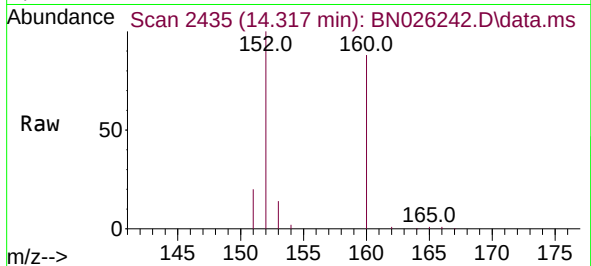
Tgt Ion:142 Resp: 8491
Ion Ratio Lower Upper
142 100
141 93.4 74.2 111.4



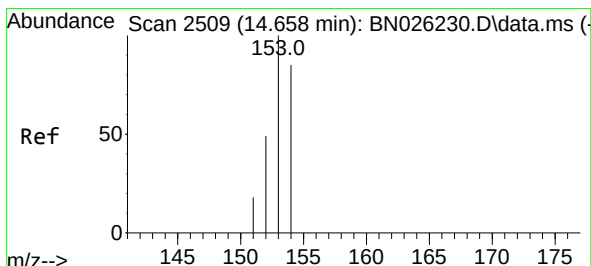
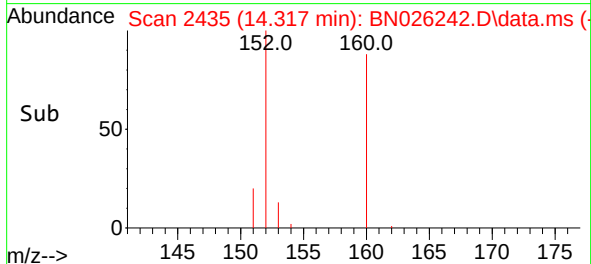
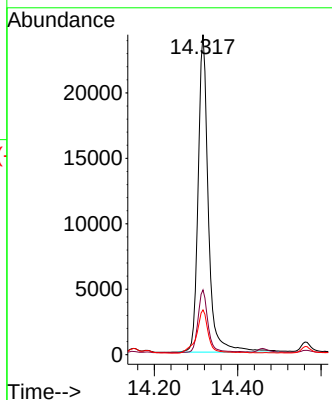


#10
Acenaphthylene
Concen: 0.502 ng/ul
RT: 14.317 min Scan# 2435
Delta R.T. -0.004 min
Lab File: BN026242.D
Acq: 04 Jul 2023 01:33

Instrument :
BNA_N
ClientSampleId :

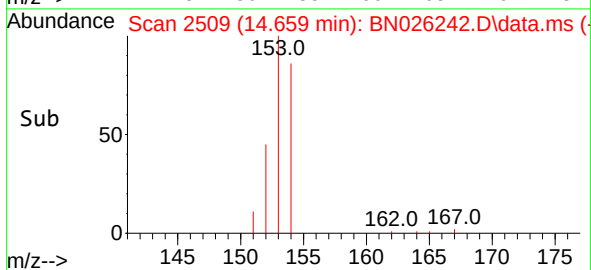
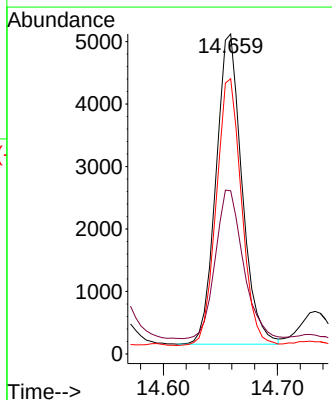
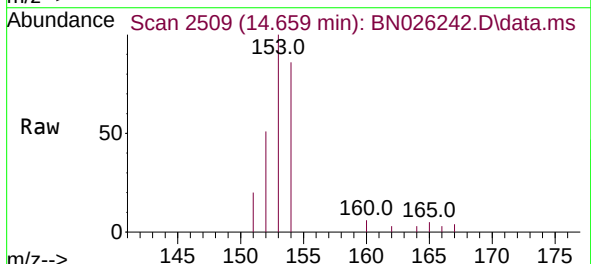


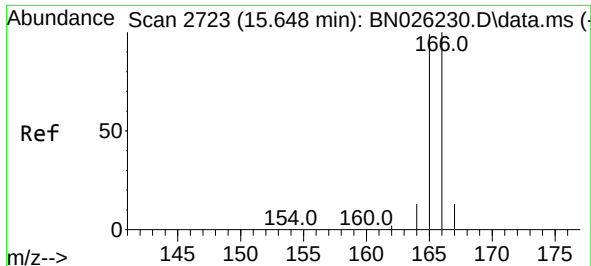
Tgt Ion:152 Resp: 41460
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 14.0 10.9 16.3



#11
Acenaphthene
Concen: 0.116 ng/ul
RT: 14.659 min Scan# 2509
Delta R.T. 0.001 min
Lab File: BN026242.D
Acq: 04 Jul 2023 01:33

Tgt Ion:153 Resp: 7859
Ion Ratio Lower Upper
153 100
152 51.0 39.4 59.0
154 86.0 68.9 103.3

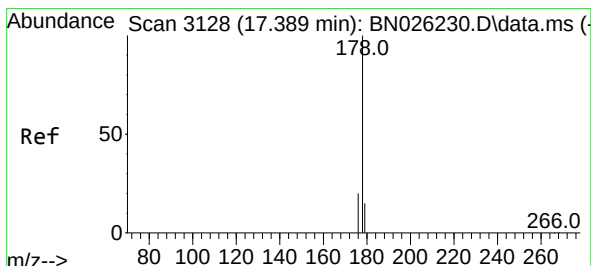
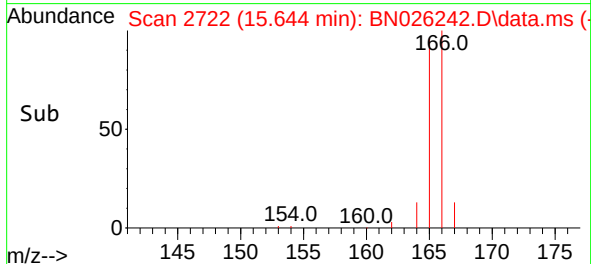
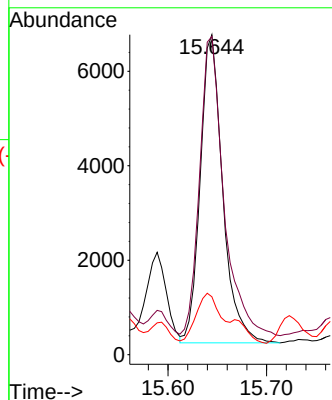
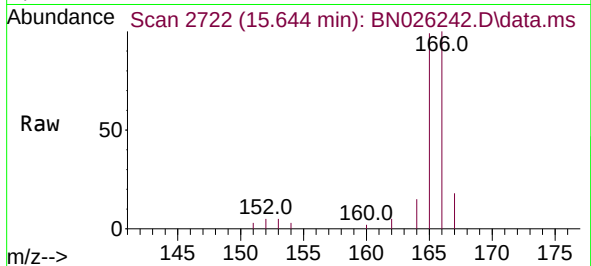




#12
Fluorene
Concen: 0.133 ng/ul
RT: 15.644 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN026242.D
Acq: 04 Jul 2023 01:33

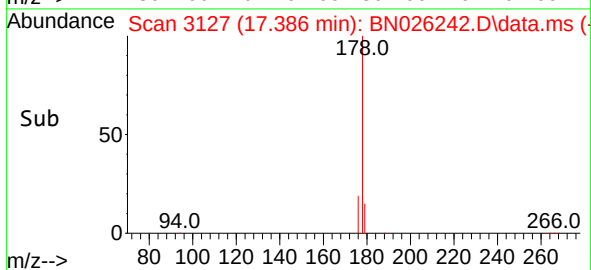
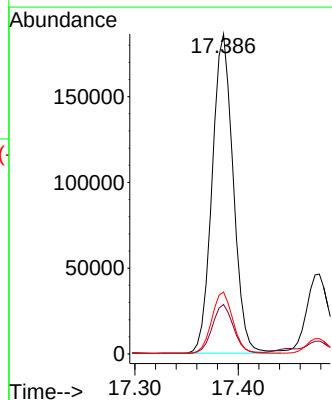
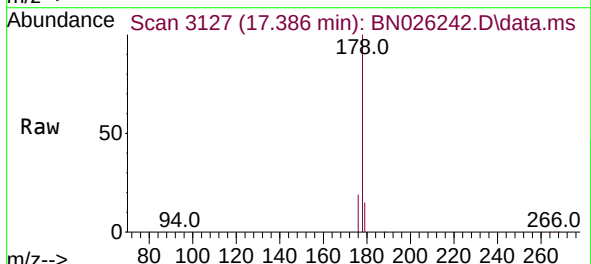
Instrument :
BNA_N
ClientSampleId :

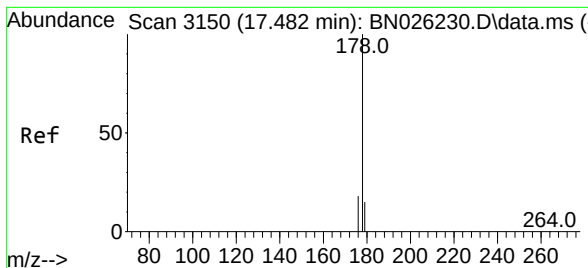
Tgt Ion:166 Resp: 10332
Ion Ratio Lower Upper
166 100
165 99.4 79.9 119.9
167 18.1 10.8 16.2#



#15
Phenanthrene
Concen: 2.256 ng/ul
RT: 17.386 min Scan# 3127
Delta R.T. -0.003 min
Lab File: BN026242.D
Acq: 04 Jul 2023 01:33

Tgt Ion:178 Resp: 264234
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.4 15.8 23.6





#16

Anthracene

Concen: 0.691 ng/ul

RT: 17.479 min Scan# 3150

Delta R.T. -0.003 min

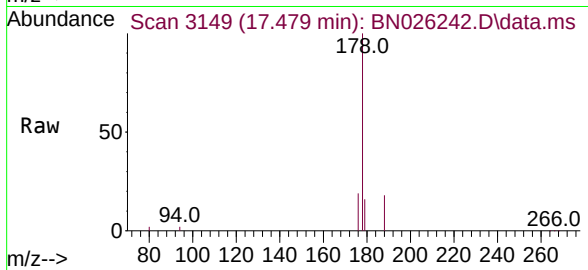
Lab File: BN026242.D

Acq: 04 Jul 2023 01:33

Instrument :

BNA_N

ClientSampleId :



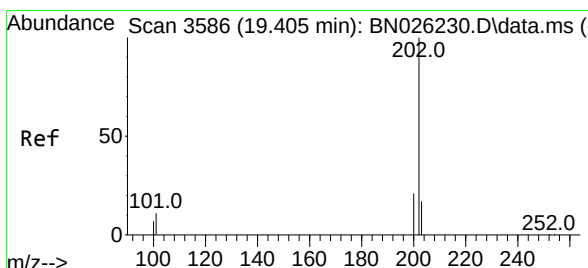
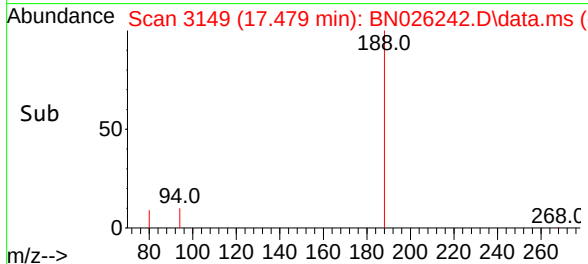
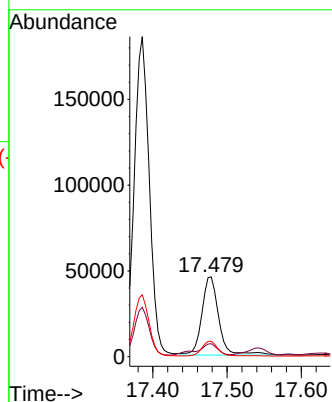
Tgt Ion:178 Resp: 71974

Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

176 19.2 15.1 22.7



#19

Fluoranthene

Concen: 6.507 ng/ul

RT: 19.401 min Scan# 3585

Delta R.T. -0.004 min

Lab File: BN026242.D

Acq: 04 Jul 2023 01:33

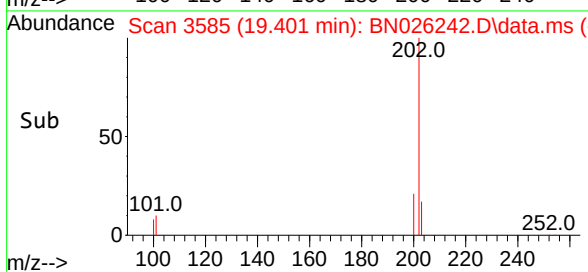
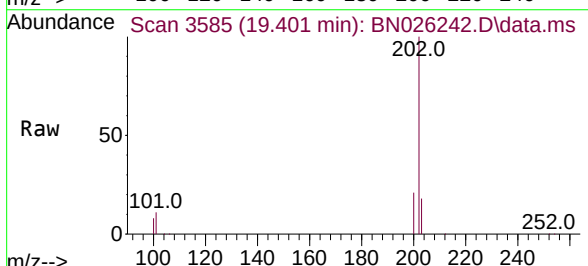
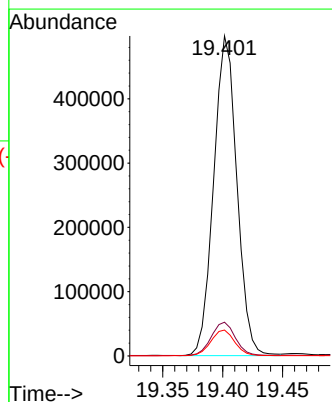
Tgt Ion:202 Resp: 669611

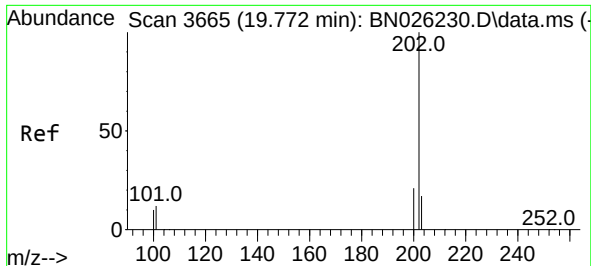
Ion Ratio Lower Upper

202 100

101 10.6 9.5 14.3

100 8.1 7.3 10.9

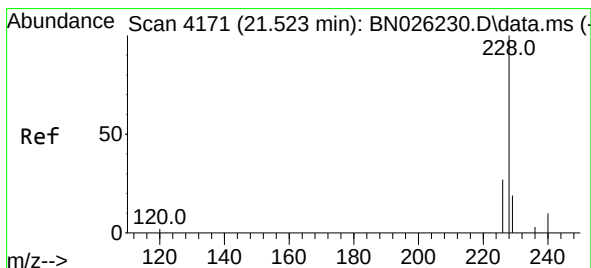
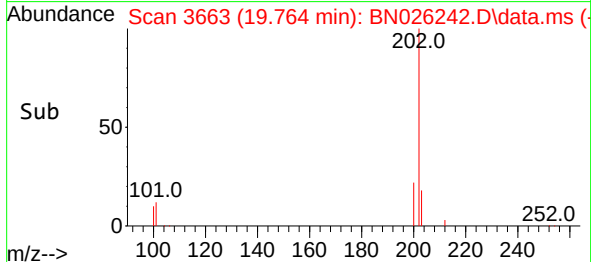
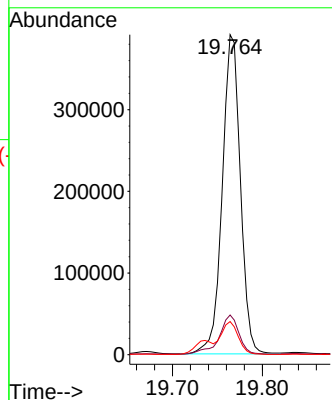
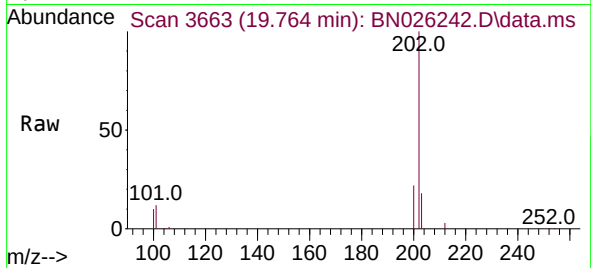




#20
Pyrene
Concen: 5.108 ng/ul
RT: 19.764 min Scan# 3663
Delta R.T. -0.008 min
Lab File: BN026242.D
Acq: 04 Jul 2023 01:33

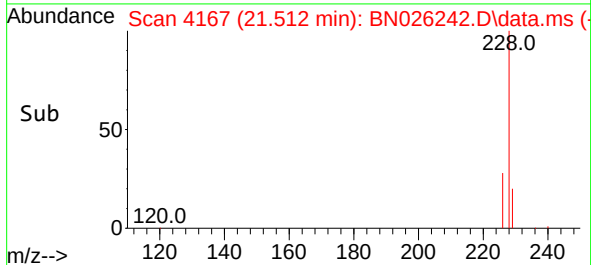
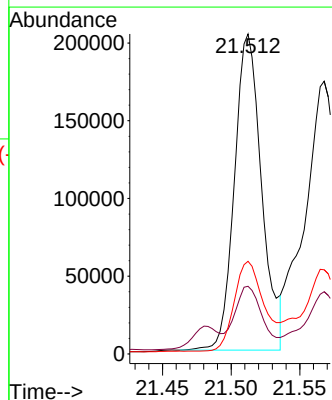
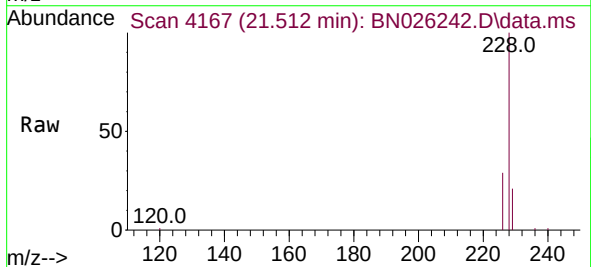
Instrument :
BNA_N
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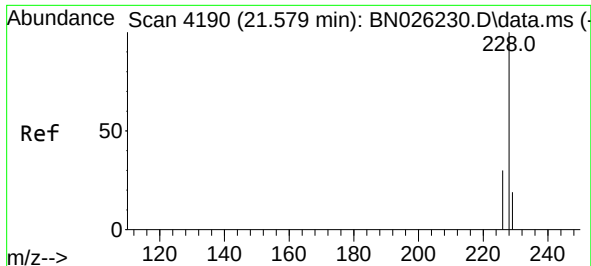
Tgt Ion:202 Resp: 546753
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 10.4 9.1 13.7



#21
Benzo(a)anthracene
Concen: 3.529 ng/ul
RT: 21.512 min Scan# 4167
Delta R.T. -0.011 min
Lab File: BN026242.D
Acq: 04 Jul 2023 01:33

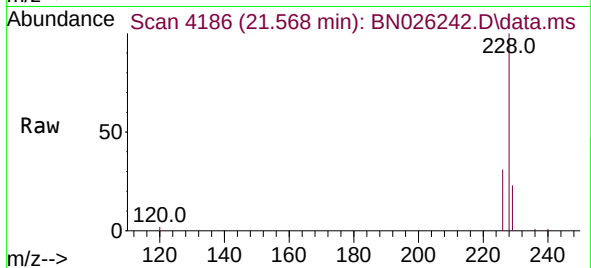
Tgt Ion:228 Resp: 280510
Ion Ratio Lower Upper
228 100
229 21.2 15.8 23.6
226 29.0 22.5 33.7



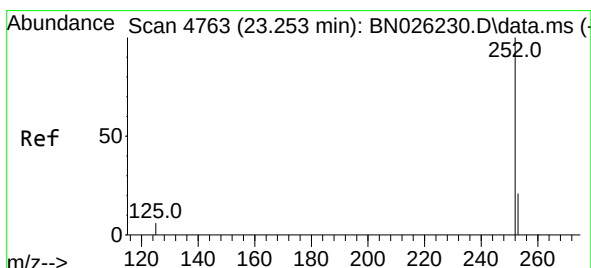
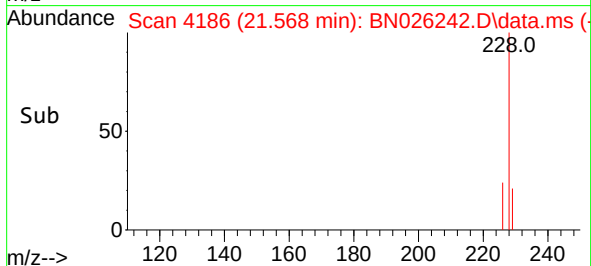
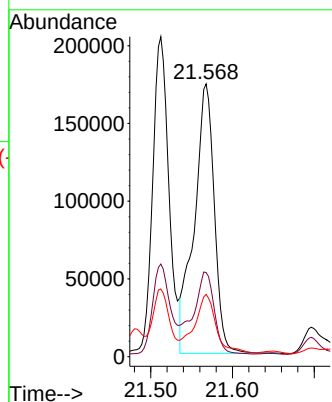


#22
Chrysene
Concen: 3.577 ng/ul
RT: 21.568 min Scan# 4186
Delta R.T. -0.011 min
Lab File: BN026242.D
Acq: 04 Jul 2023 01:33

Instrument :
BNA_N
ClientSampleId :

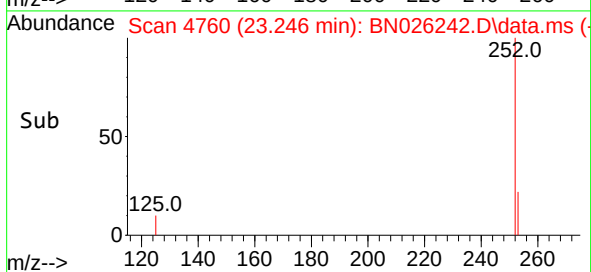
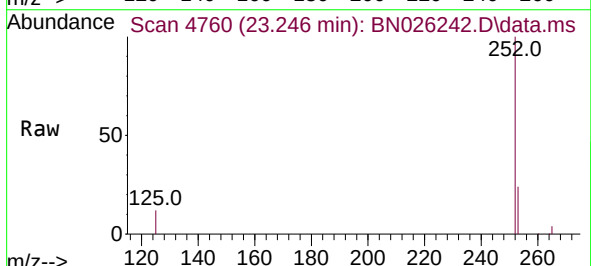
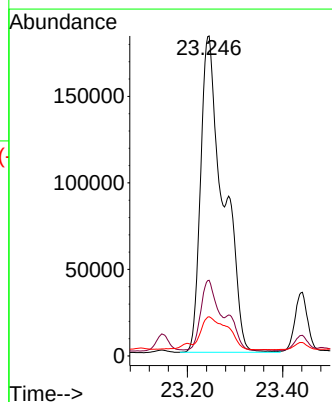


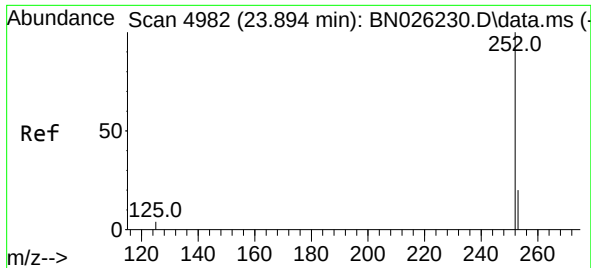
Tgt Ion:228 Resp: 295802
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 22.8 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 6.994 ng/ul
RT: 23.246 min Scan# 4760
Delta R.T. -0.008 min
Lab File: BN026242.D
Acq: 04 Jul 2023 01:33

Tgt Ion:252 Resp: 603895
Ion Ratio Lower Upper
252 100
253 23.6 0.0 55.6
125 12.2 0.0 35.8

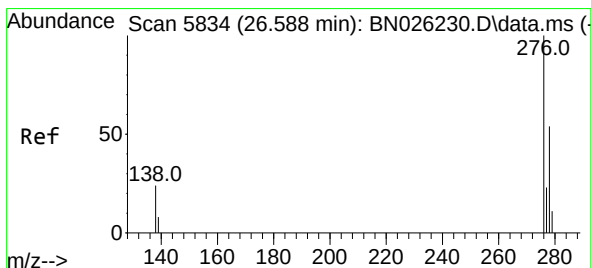
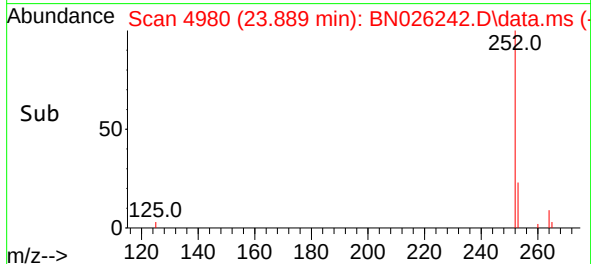
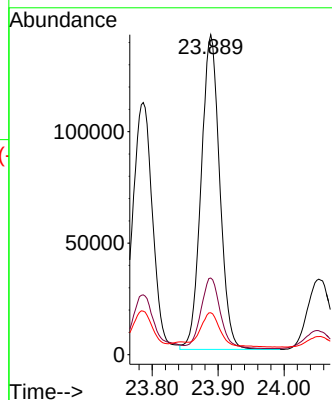
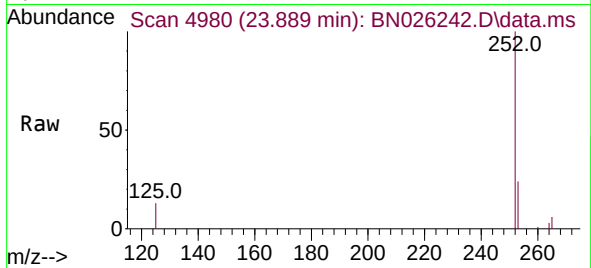




#26
Benzo(a)pyrene
Concen: 3.683 ng/ul
RT: 23.889 min Scan# 4982
Delta R.T. -0.005 min
Lab File: BN026242.D
Acq: 04 Jul 2023 01:33

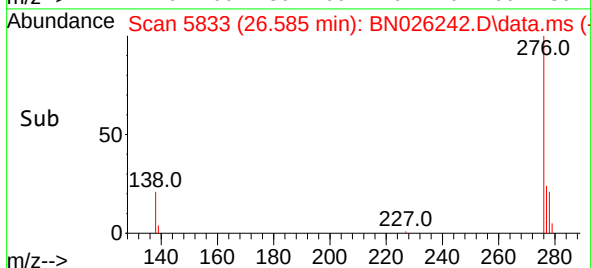
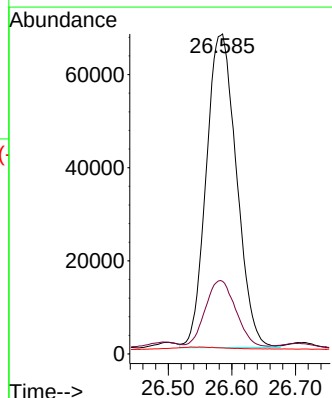
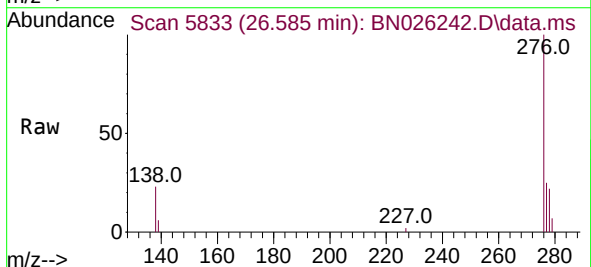
Instrument :
BNA_N
ClientSampleId :

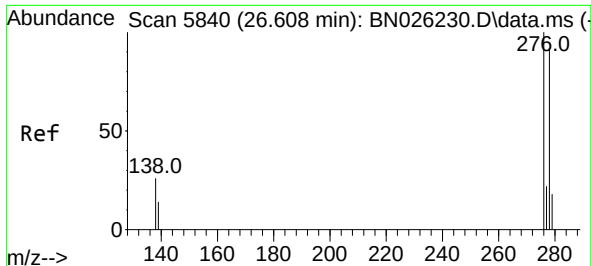
Tgt Ion:252 Resp: 276185
Ion Ratio Lower Upper
252 100
253 23.9 26.0 39.0#
125 13.1 17.3 25.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.718 ng/ul
RT: 26.585 min Scan# 5833
Delta R.T. -0.002 min
Lab File: BN026242.D
Acq: 04 Jul 2023 01:33

Tgt Ion:276 Resp: 222689
Ion Ratio Lower Upper
276 100
138 21.6 24.5 36.7#
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.868 ng/ul

RT: 26.585 min Scan# 5833

Delta R.T. -0.023 min

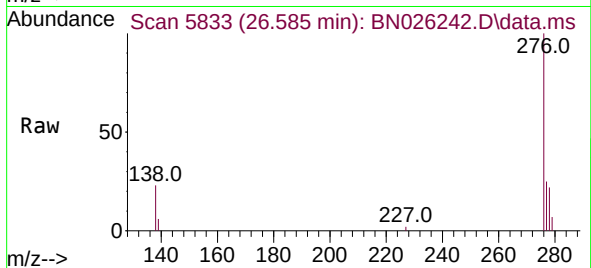
Lab File: BN026242.D

Acq: 04 Jul 2023 01:33

Instrument :

BNA_N

ClientSampleId :



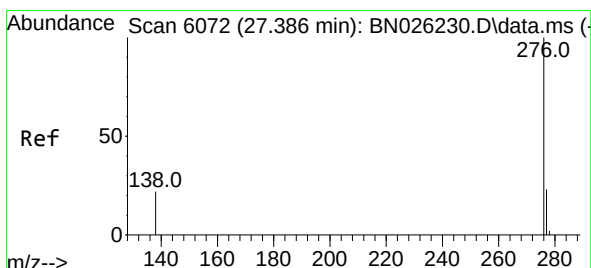
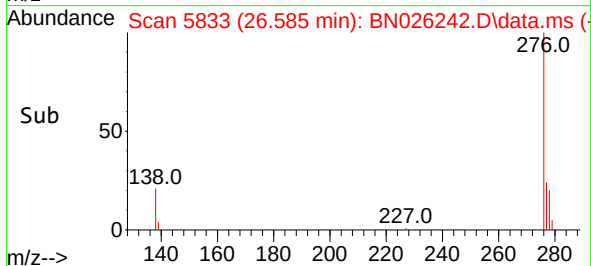
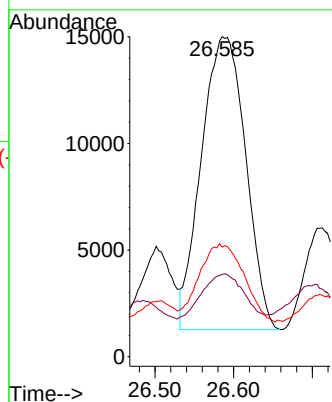
Tgt Ion:278 Resp: 53820

Ion Ratio Lower Upper

278 100

139 25.7 19.0 28.4

279 34.3 26.7 40.1



#29

Benzo(g,h,i)perylene

Concen: 2.897 ng/ul

RT: 27.380 min Scan# 6070

Delta R.T. -0.006 min

Lab File: BN026242.D

Acq: 04 Jul 2023 01:33

Tgt Ion:276 Resp: 211074

Ion Ratio Lower Upper

276 100

138 23.7 23.4 35.0

277 24.8 20.0 30.0

