

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026245.D
 Acq On : 04 Jul 2023 03:23
 Operator : MA/JU
 Sample : 03247-21
 Misc :
 ALS Vial : 102 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM7

Quant Time: Jul 04 03:57:22 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)

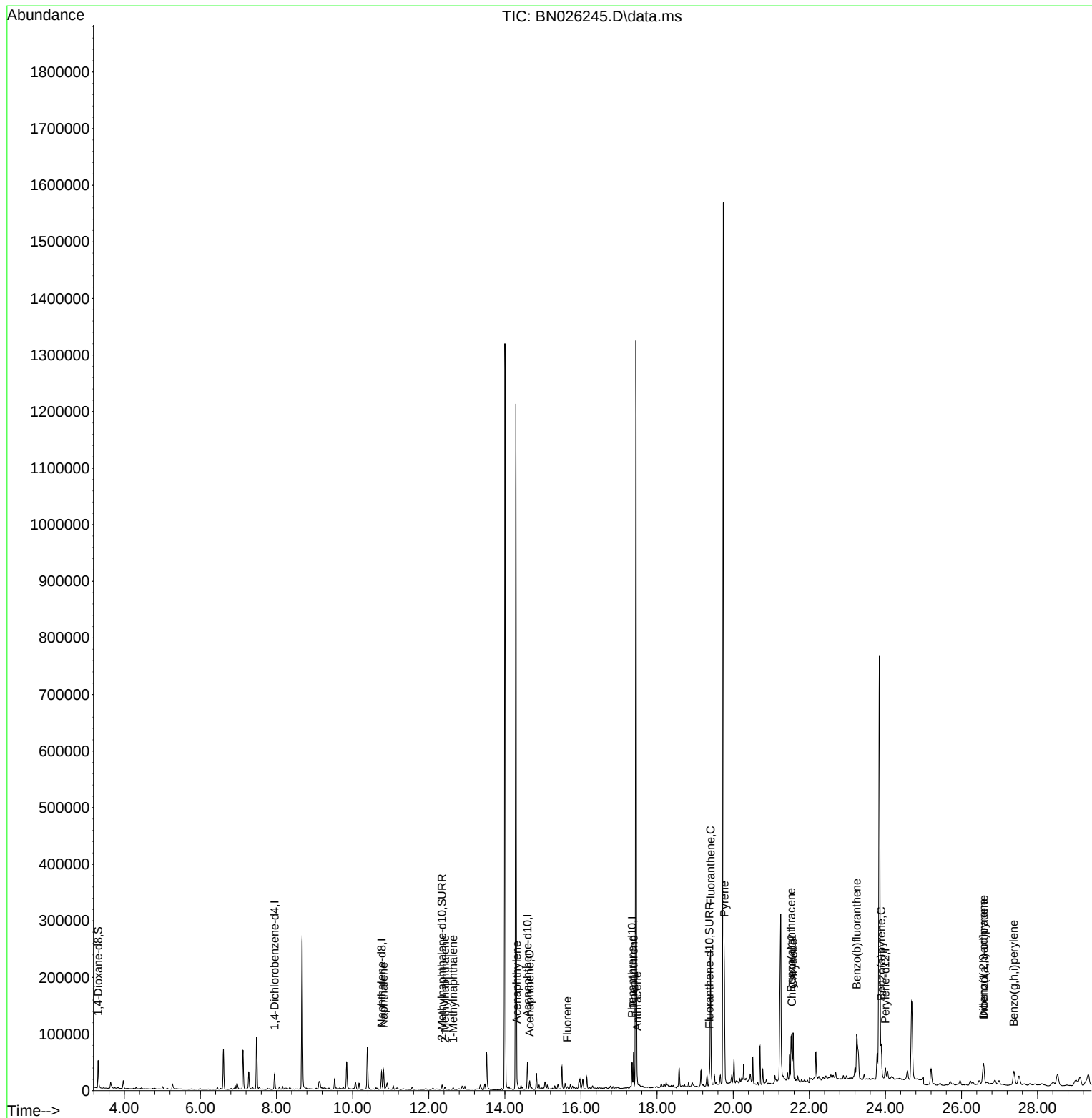
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	13942	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	41840	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.593	164	27171	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	52794	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	37672	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	29260	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	33960	2.163	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	10553	0.164	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	20025	0.140	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	5065	0.042	ng/ul#	90
7) 2-Methylnaphthalene	12.426	142	3109	0.041	ng/ul	98
8) 1-Methylnaphthalene	12.640	142	2371	0.030	ng/ul	96
10) Acenaphthylene	14.316	152	4878	0.038	ng/ul#	80
11) Acenaphthene	14.654	153	2817	0.027	ng/ul#	87
12) Fluorene	15.644	166	2596	0.022	ng/ul#	92
15) Phenanthrene	17.385	178	67950	0.390	ng/ul	99
16) Anthracene	17.478	178	9020	0.058	ng/ul#	86
19) Fluoranthene	19.405	202	207524	1.031	ng/ul	98
20) Pyrene	19.768	202	167057	0.798	ng/ul	97
21) Benzo(a)anthracene	21.520	228	60423	0.389	ng/ul#	90
22) Chrysene	21.576	228	95137	0.588	ng/ul#	93
24) Benzo(b)fluoranthene	23.248	252	187103	1.498	ng/ul	100
26) Benzo(a)pyrene	23.888	252	79267	0.731	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.574	276	71922	0.607	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.581	278	16195	0.181	ng/ul#	57
29) Benzo(g,h,i)perylene	27.376	276	60538	0.574	ng/ul	97

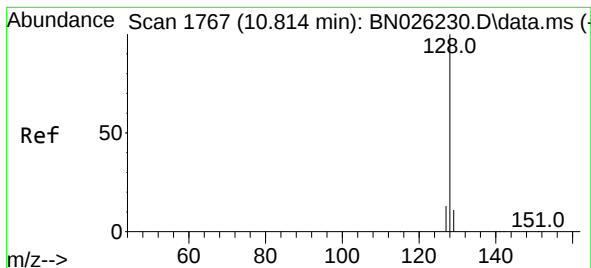
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.042 ng/ul

RT: 10.809 min Scan# 1766

Delta R.T. -0.005 min

Lab File: BN026245.D

Acq: 04 Jul 2023 03:23

Instrument :

BNA_N

ClientSampleId :

DCGM7

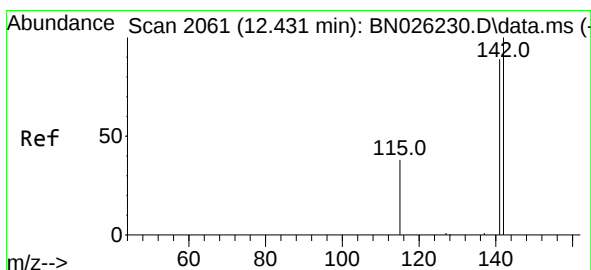
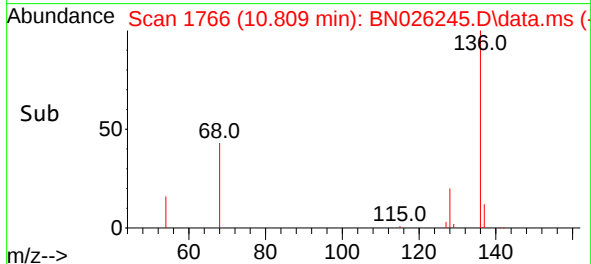
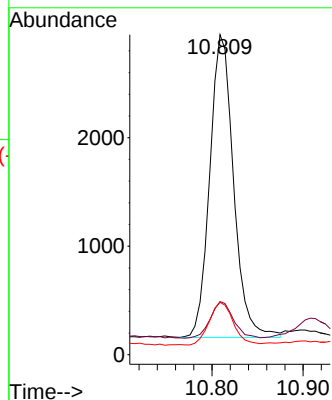
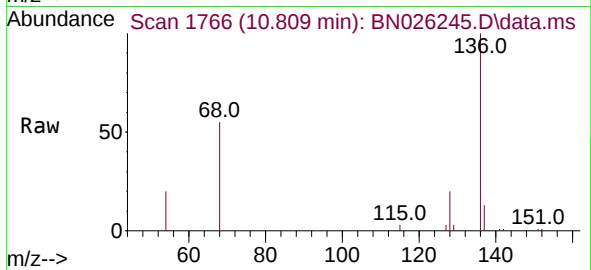
Tgt Ion:128 Resp: 5065

Ion Ratio Lower Upper

128 100

129 16.6 9.1 13.7#

127 16.3 10.7 16.1#



#7

2-Methylnaphthalene

Concen: 0.041 ng/ul

RT: 12.426 min Scan# 2060

Delta R.T. -0.005 min

Lab File: BN026245.D

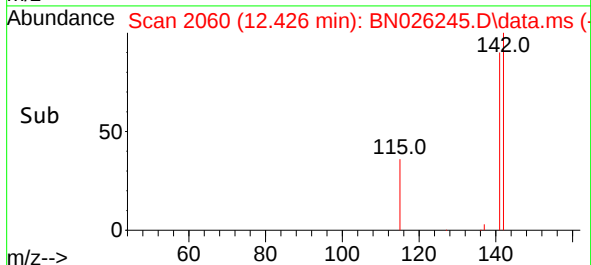
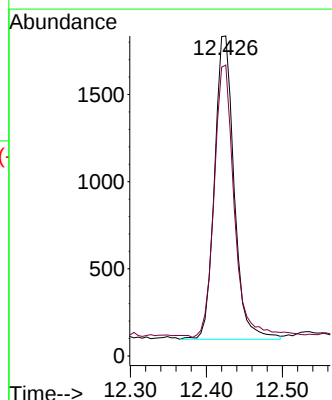
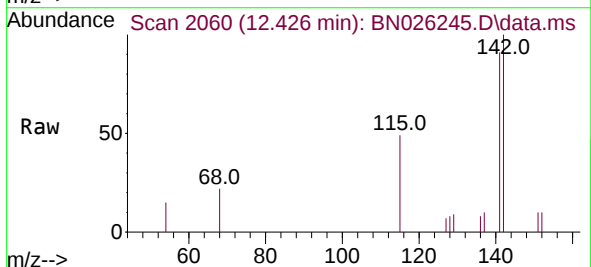
Acq: 04 Jul 2023 03:23

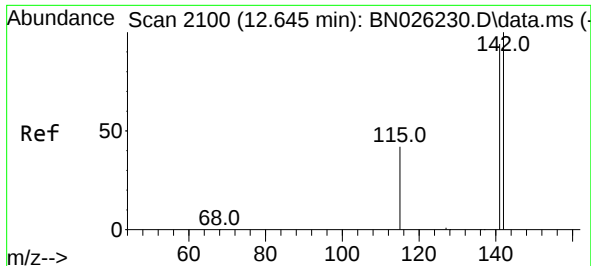
Tgt Ion:142 Resp: 3109

Ion Ratio Lower Upper

142 100

141 91.8 71.9 107.9

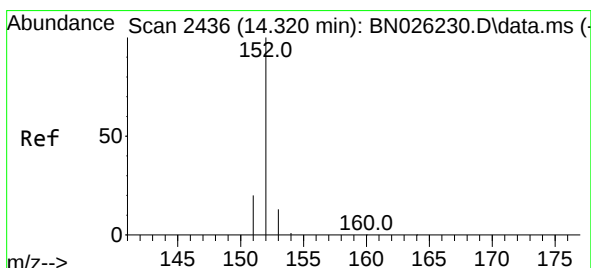
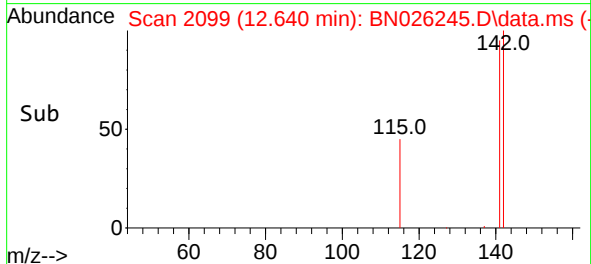
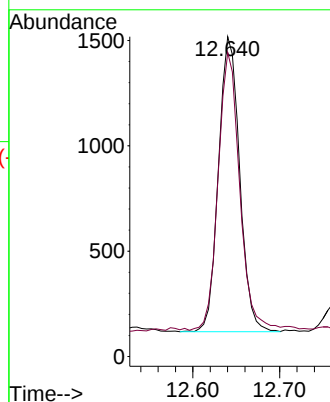
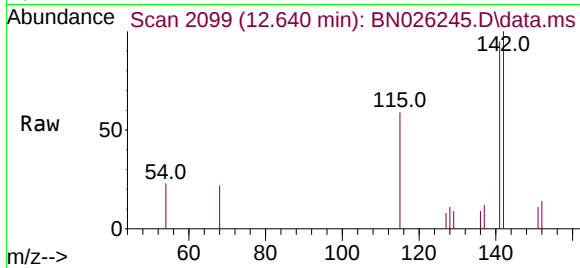




#8
1-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.640 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

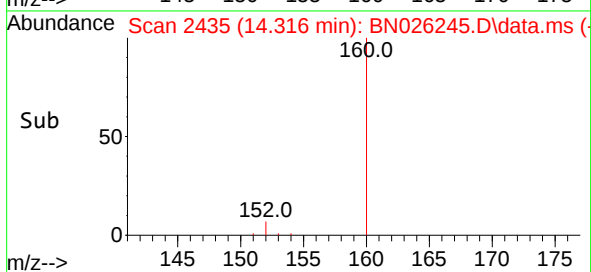
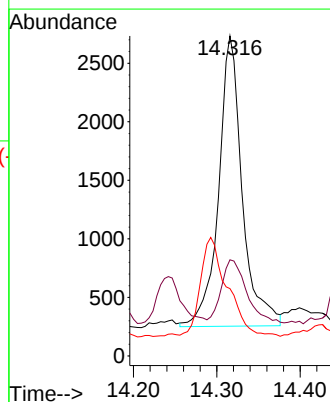
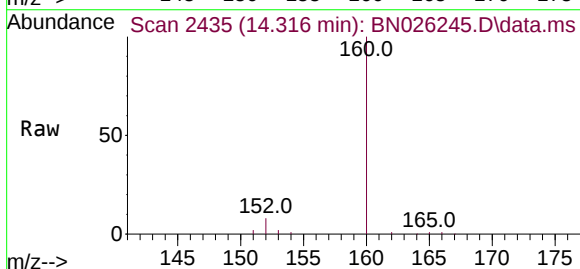
Instrument :
BNA_N
ClientSampleId :
DCGM7

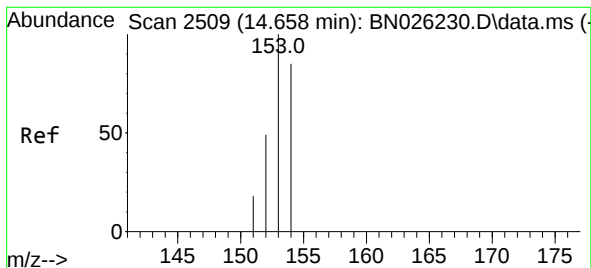
Tgt Ion:142 Resp: 2371
Ion Ratio Lower Upper
142 100
141 96.5 74.2 111.4



#10
Acenaphthylene
Concen: 0.038 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

Tgt Ion:152 Resp: 4878
Ion Ratio Lower Upper
152 100
151 30.0 16.2 24.4#
153 21.0 10.9 16.3#





#11

Acenaphthene

Concen: 0.027 ng/ul

RT: 14.654 min Scan# 2509

Delta R.T. -0.004 min

Lab File: BN026245.D

Acq: 04 Jul 2023 03:23

Instrument :

BNA_N

ClientSampleId :

DCGM7

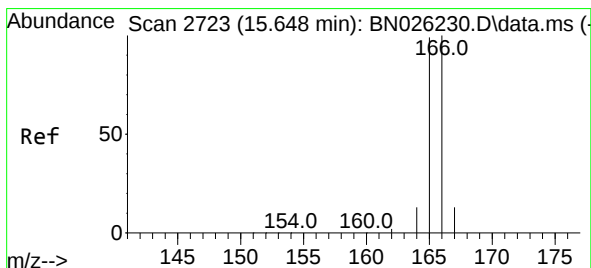
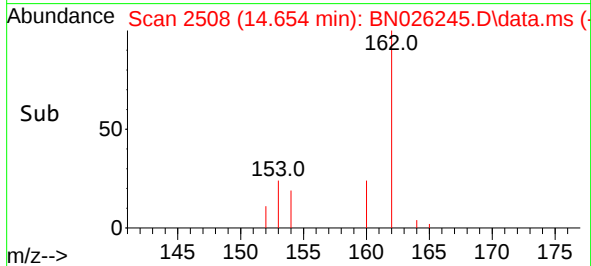
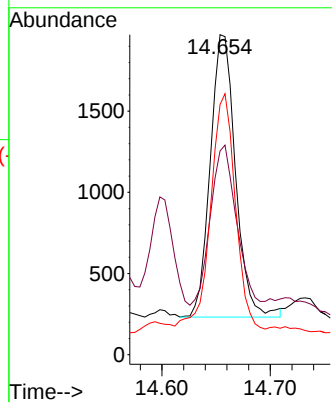
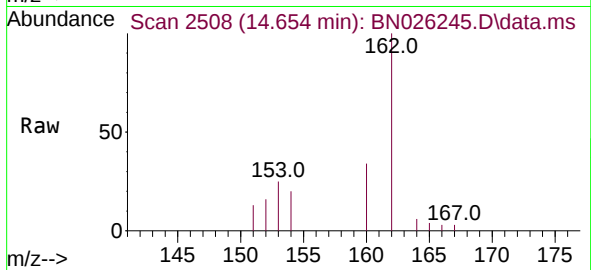
Tgt Ion:153 Resp: 2817

Ion Ratio Lower Upper

153 100

152 63.7 39.4 59.0#

154 78.1 68.9 103.3



#12

Fluorene

Concen: 0.022 ng/ul

RT: 15.644 min Scan# 2722

Delta R.T. -0.005 min

Lab File: BN026245.D

Acq: 04 Jul 2023 03:23

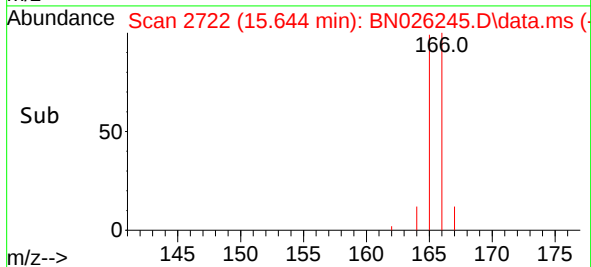
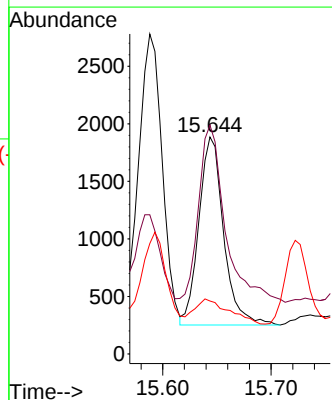
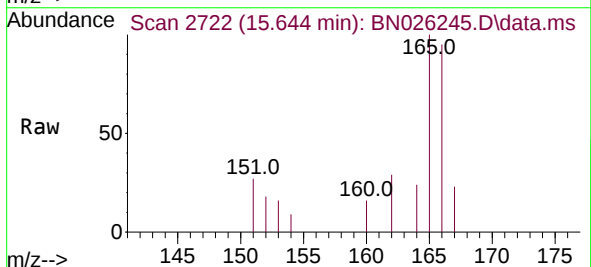
Tgt Ion:166 Resp: 2596

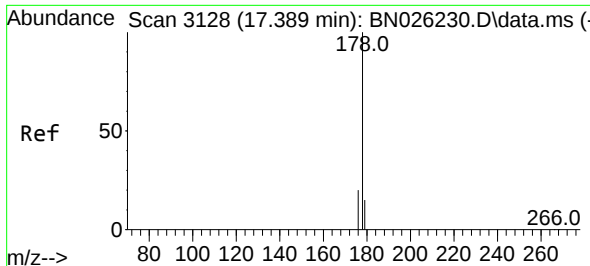
Ion Ratio Lower Upper

166 100

165 105.5 79.9 119.9

167 24.4 10.8 16.2#

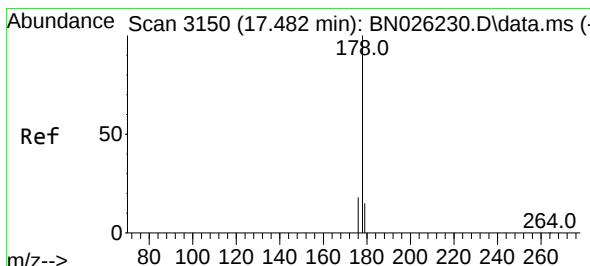
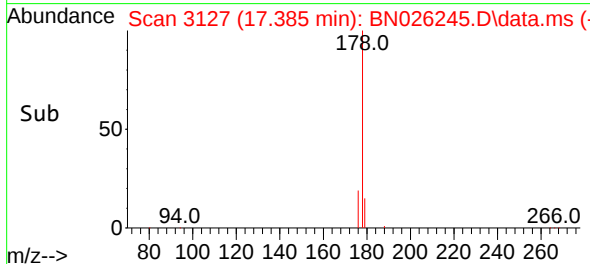
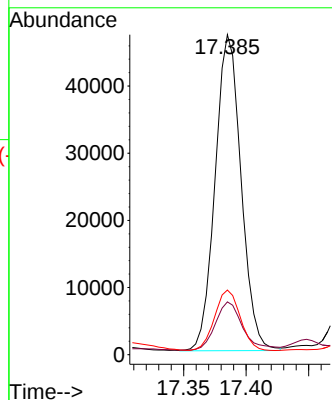
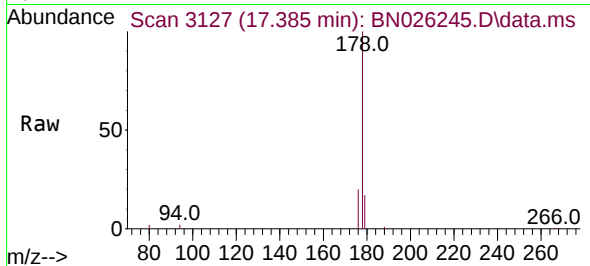




#15
Phenanthrene
Concen: 0.390 ng/u1
RT: 17.385 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

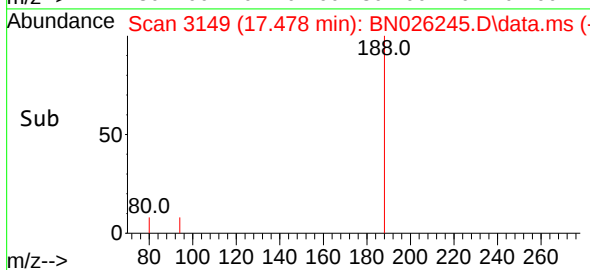
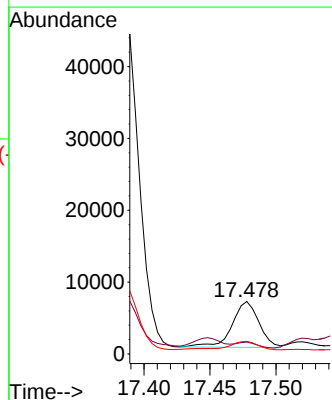
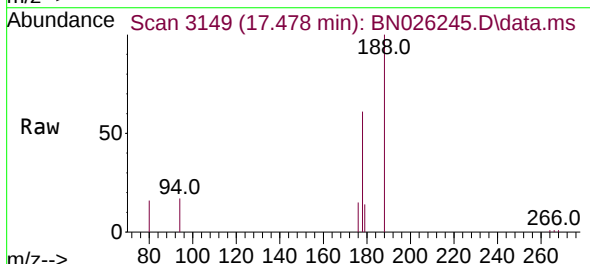
Instrument :
BNA_N
ClientSampleId :
DCGM7

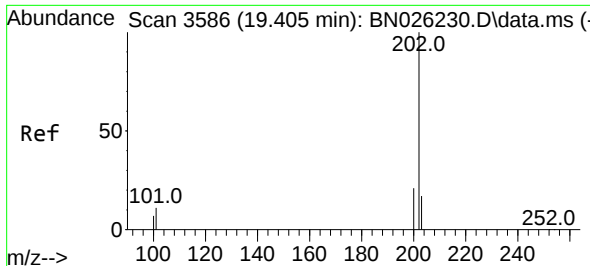
Tgt Ion:178 Resp: 67950
Ion Ratio Lower Upper
178 100
179 16.5 12.6 19.0
176 20.2 15.8 23.6



#16
Anthracene
Concen: 0.058 ng/u1
RT: 17.478 min Scan# 3149
Delta R.T. -0.004 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

Tgt Ion:178 Resp: 9020
Ion Ratio Lower Upper
178 100
179 22.6 12.6 18.8#
176 24.0 15.1 22.7#

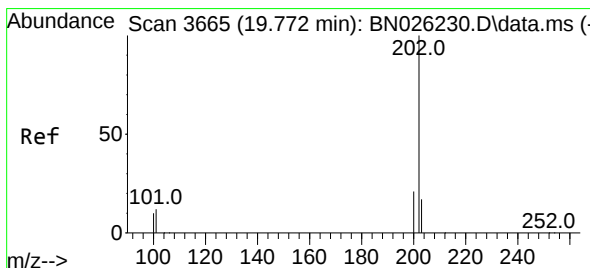
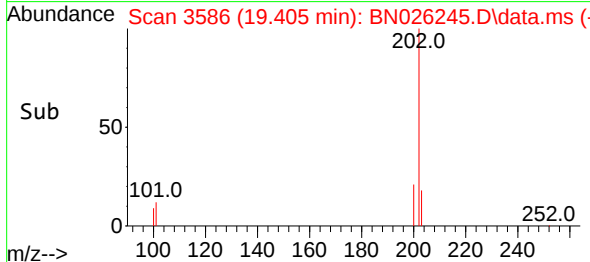
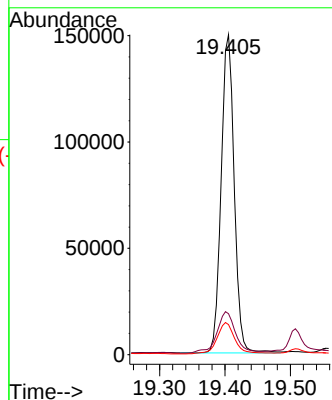
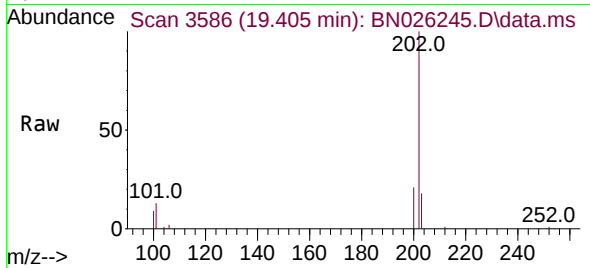




#19
Fluoranthene
Concen: 1.031 ng/ul
RT: 19.405 min Scan# 3586
Delta R.T. 0.000 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

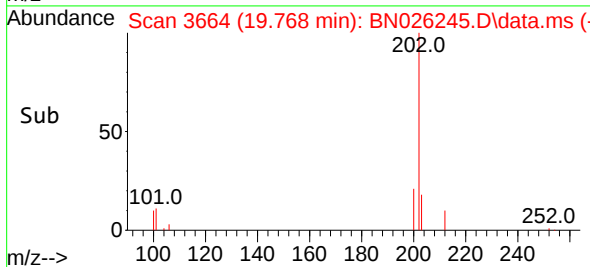
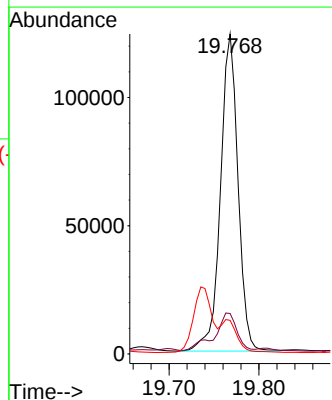
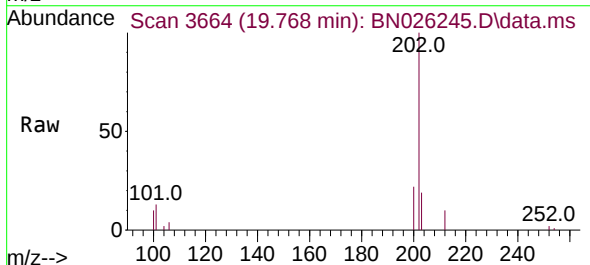
Instrument :
BNA_N
ClientSampleId :
DCGM7

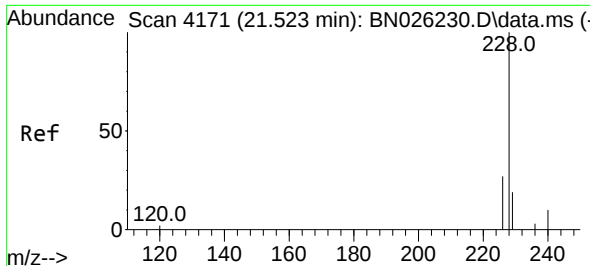
Tgt Ion:202 Resp: 207524
Ion Ratio Lower Upper
202 100
101 12.8 9.5 14.3
100 9.4 7.3 10.9



#20
Pyrene
Concen: 0.798 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

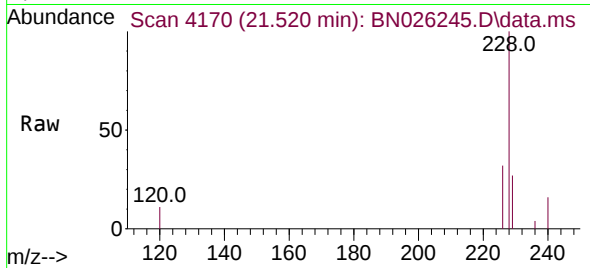
Tgt Ion:202 Resp: 167057
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 10.5 9.1 13.7



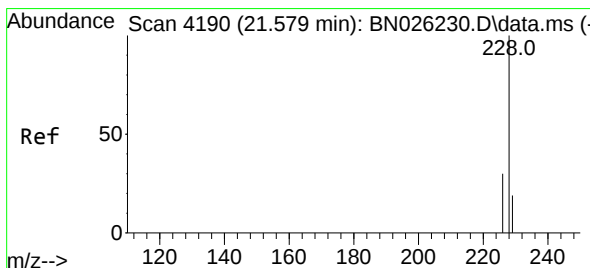
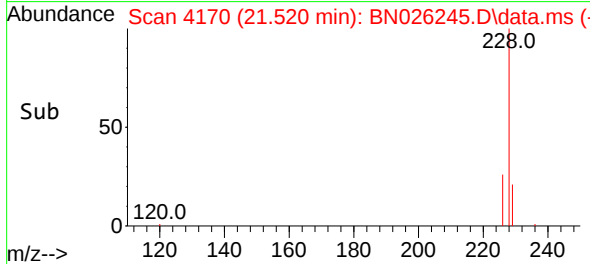
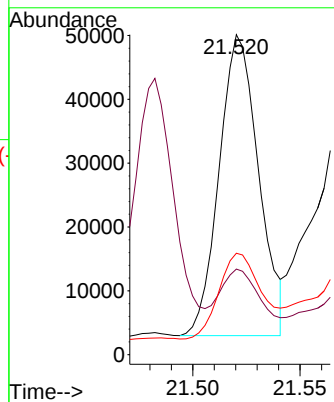


#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. -0.003 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

Instrument :
BNA_N
ClientSampleId :
DCGM7

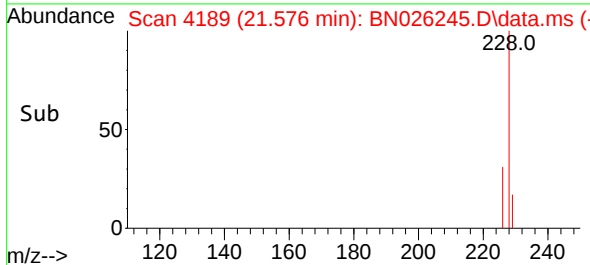
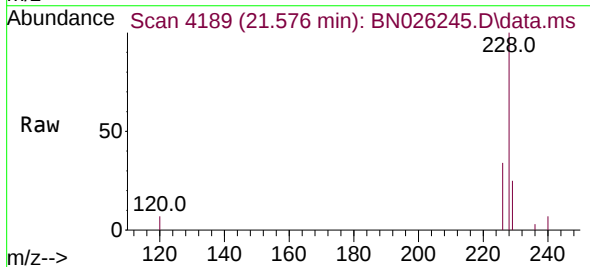
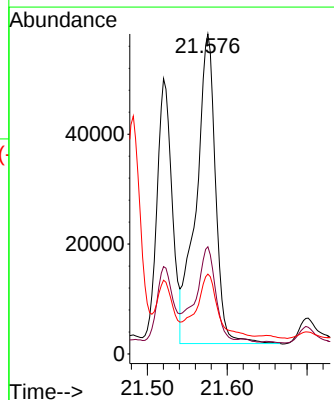


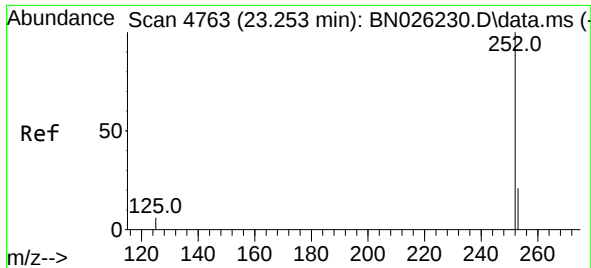
Tgt Ion:228 Resp: 60423
Ion Ratio Lower Upper
228 100
229 26.8 15.8 23.6#
226 31.7 22.5 33.7



#22
Chrysene
Concen: 0.588 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

Tgt Ion:228 Resp: 95137
Ion Ratio Lower Upper
228 100
226 33.5 24.8 37.2
229 24.9 15.7 23.5#

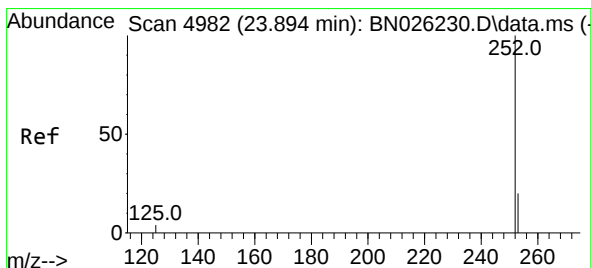
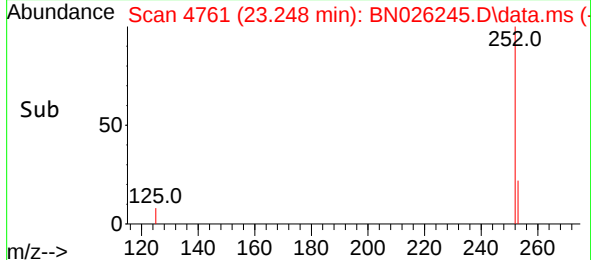
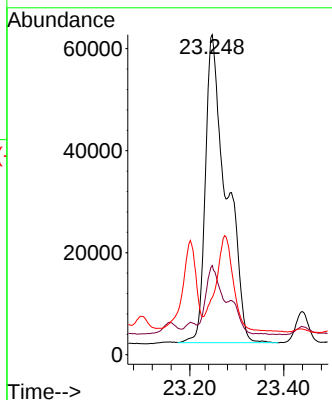
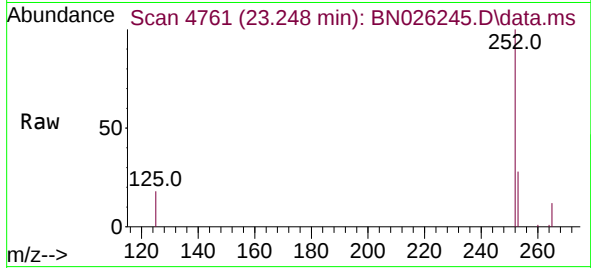




#24
Benzo(b)fluoranthene
Concen: 1.498 ng/ul
RT: 23.248 min Scan# 4761
Delta R.T. -0.006 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

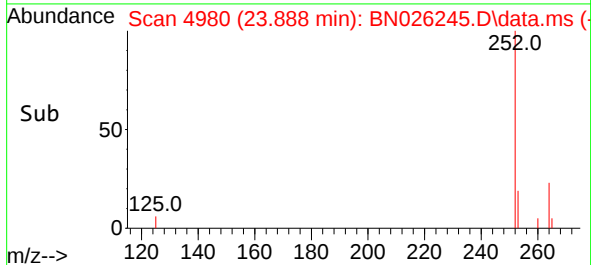
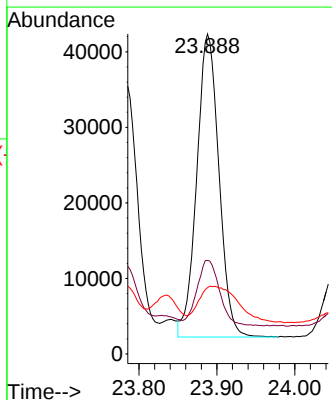
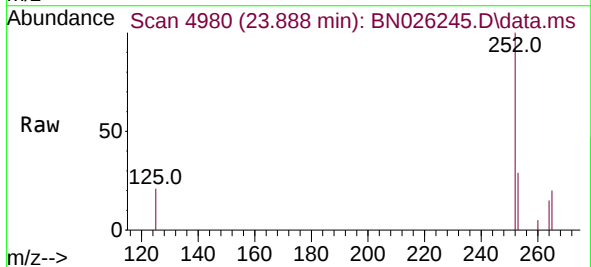
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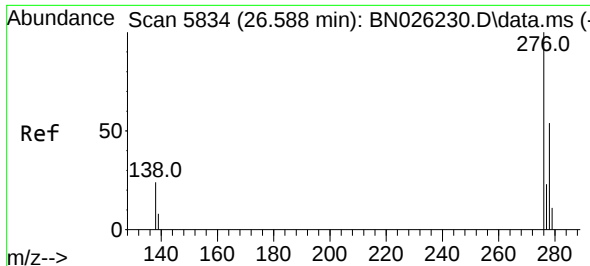
Tgt Ion:252 Resp: 187103
Ion Ratio Lower Upper
252 100
253 27.9 0.0 55.6
125 17.9 0.0 35.8



#26
Benzo(a)pyrene
Concen: 0.731 ng/ul
RT: 23.888 min Scan# 4980
Delta R.T. -0.006 min
Lab File: BN026245.D
Acq: 04 Jul 2023 03:23

Tgt Ion:252 Resp: 79267
Ion Ratio Lower Upper
252 100
253 29.3 26.0 39.0
125 20.7 17.3 25.9

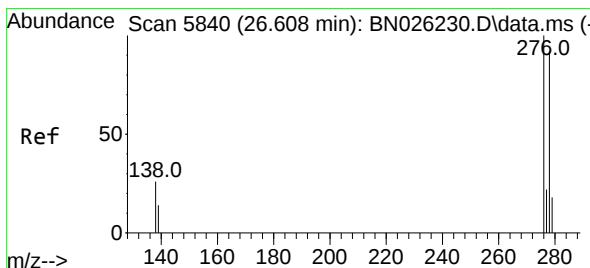
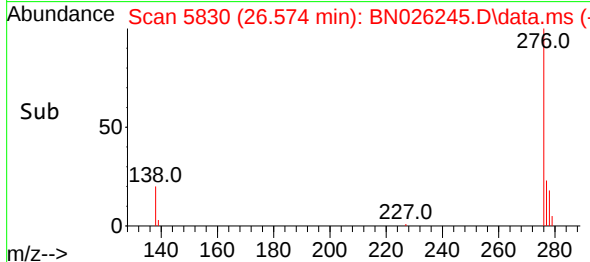
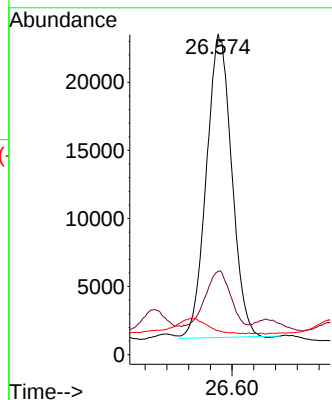
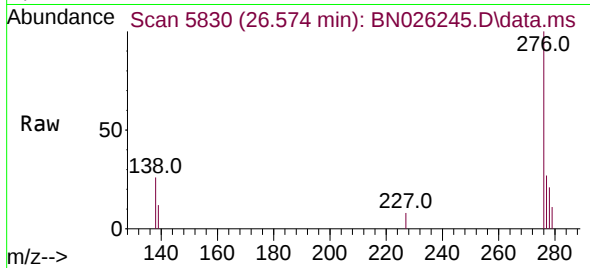




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.607 ng/ul
 RT: 26.574 min Scan# 5830
 Delta R.T. -0.013 min
 Lab File: BN026245.D
 Acq: 04 Jul 2023 03:23

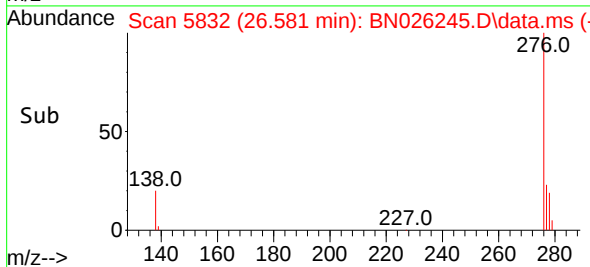
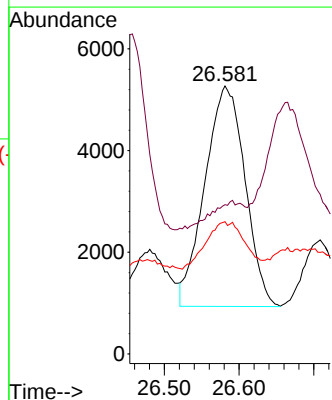
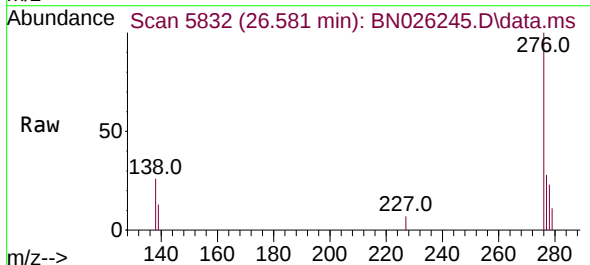
Instrument :
 BNA_N
 ClientSampleId :
 DCGM7

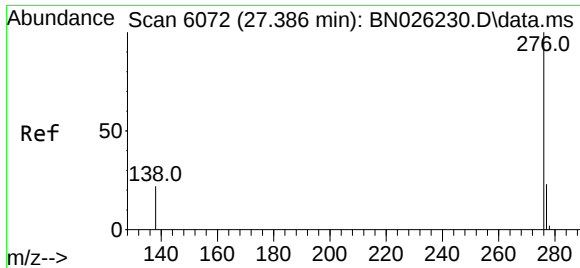
Tgt Ion:276 Resp: 71922
 Ion Ratio Lower Upper
 276 100
 138 21.2 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.181 ng/ul
 RT: 26.581 min Scan# 5832
 Delta R.T. -0.027 min
 Lab File: BN026245.D
 Acq: 04 Jul 2023 03:23

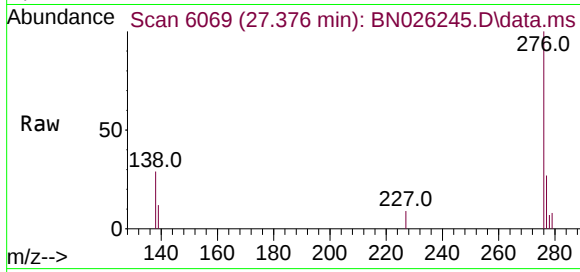
Tgt Ion:278 Resp: 16195
 Ion Ratio Lower Upper
 278 100
 139 55.7 19.0 28.4#
 279 49.4 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.574 ng/ul
 RT: 27.376 min Scan# 6069
 Delta R.T. -0.010 min
 Lab File: BN026245.D
 Acq: 04 Jul 2023 03:23

Instrument :
 BNA_N
 ClientSampleId :
 DCGM7



Tgt Ion: 276 Resp: 60538

Ion	Ratio	Lower	Upper
276	100		
138	28.7	23.4	35.0
277	27.2	20.0	30.0

