

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026244.D
 Acq On : 04 Jul 2023 02:46
 Operator : MA/JU
 Sample : 03247-18
 Misc :
 ALS Vial : 101 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGM4

Quant Time: Jul 04 03:57:06 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)

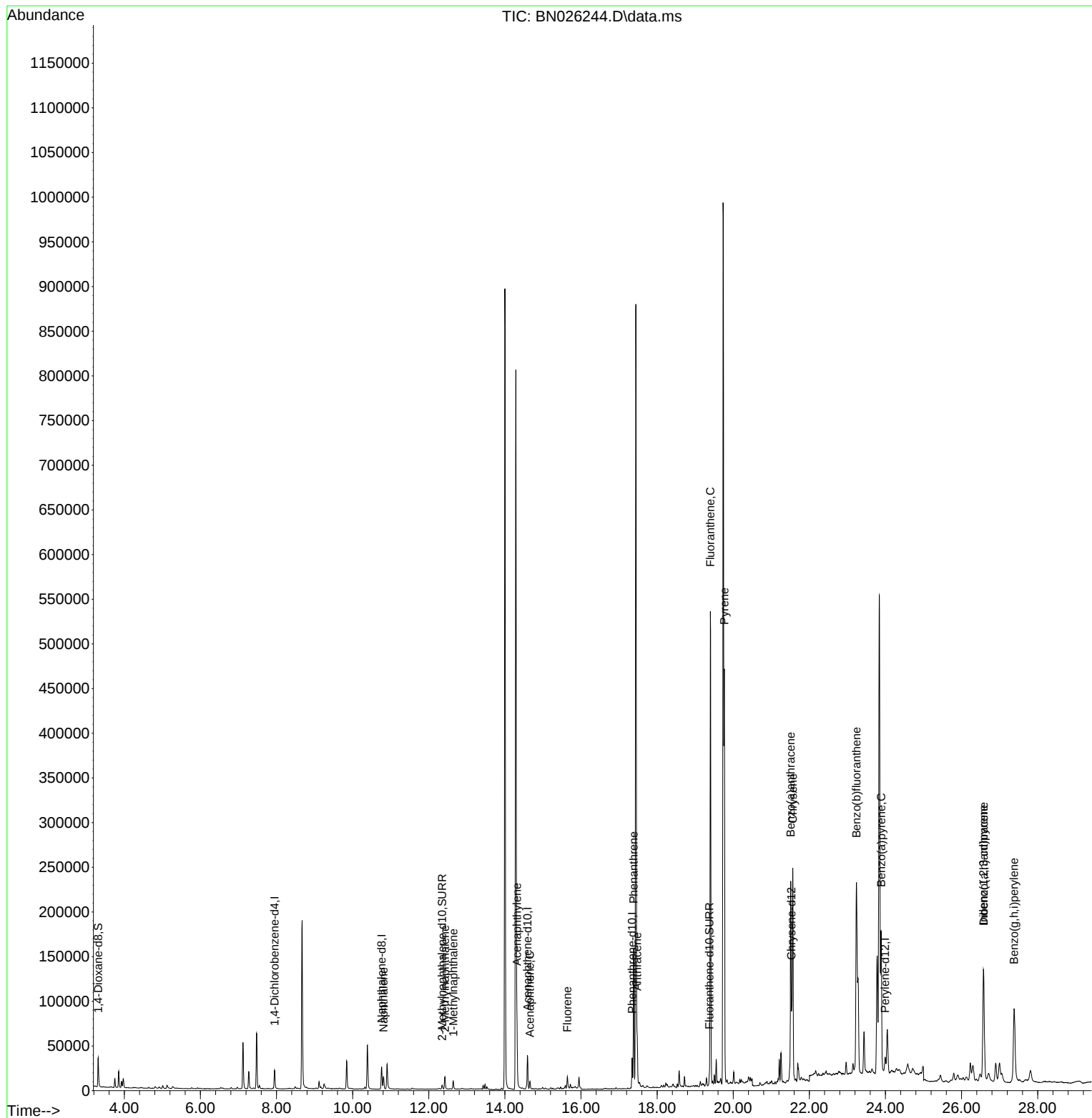
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	11721	0.400	ng/ul	0.00
4) Naphthalene-d8	10.764	136	35948	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	21156	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	41009	0.400	ng/ul	0.00
17) Chrysene-d12	21.529	240	22682	0.400	ng/ul	0.00
23) Perylene-d12	23.993	264	23831	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	22248	1.685	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.353	152	6762	0.122	ng/ul	0.00
18) Fluoranthene-d10	19.372	212	12101	0.140	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.813	128	20028	0.194	ng/ul	99
7) 2-Methylnaphthalene	12.424	142	10703	0.163	ng/ul	99
8) 1-Methylnaphthalene	12.644	142	6899	0.101	ng/ul	100
10) Acenaphthylene	14.315	152	77602	0.783	ng/ul	100
11) Acenaphthene	14.658	153	5300	0.065	ng/ul	97
12) Fluorene	15.643	166	9193	0.099	ng/ul#	97
15) Phenanthrene	17.385	178	166727	1.231	ng/ul	100
16) Anthracene	17.477	178	55760	0.463	ng/ul	99
19) Fluoranthene	19.400	202	455837	3.763	ng/ul	98
20) Pyrene	19.767	202	382352	3.034	ng/ul	94
21) Benzo(a)anthracene	21.511	228	195888	2.093	ng/ul	97
22) Chrysene	21.564	228	254037	2.609	ng/ul	97
24) Benzo(b)fluoranthene	23.238	252	512130	5.035	ng/ul	90
26) Benzo(a)pyrene	23.888	252	225023	2.547	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.574	276	197734	2.049	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.581	278	45918	0.629	ng/ul	92
29) Benzo(g,h,i)perylene	27.379	276	179519	2.091	ng/ul	95

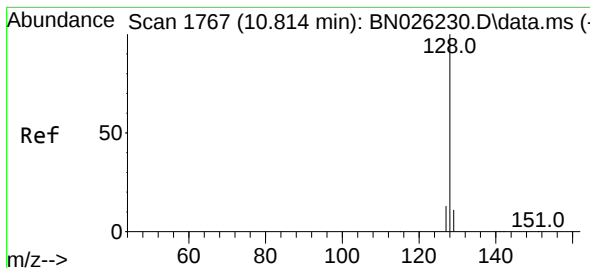
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.194 ng/ul

RT: 10.813 min Scan# 1

Delta R.T. -0.001 min

Lab File: BN026244.D

Acq: 04 Jul 2023 02:46

Instrument :

BNA_N

ClientSampleId :

DCGM4

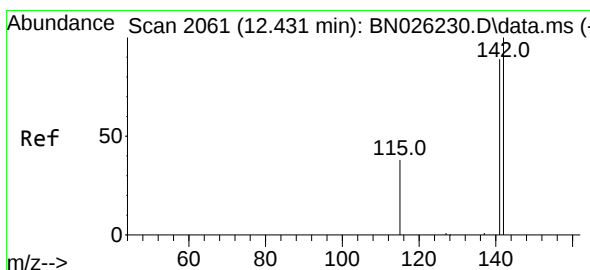
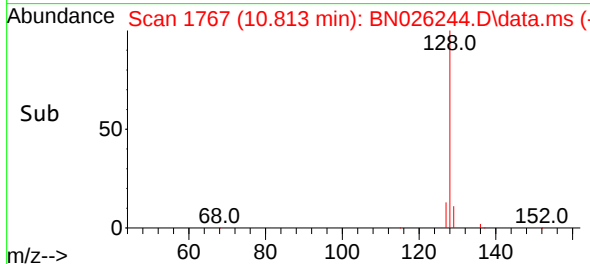
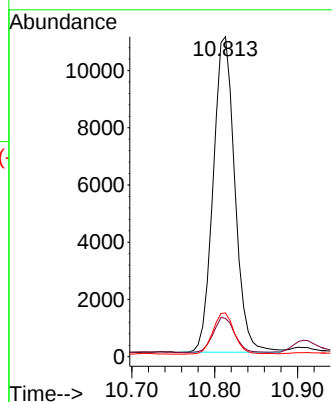
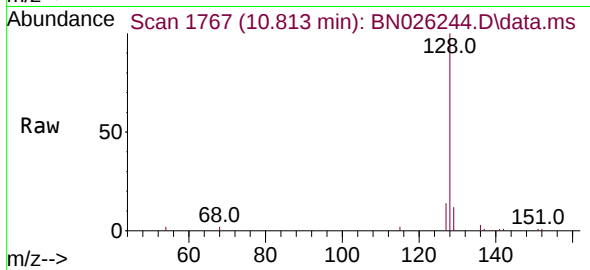
Tgt Ion:128 Resp: 20028

Ion Ratio Lower Upper

128 100

129 12.0 9.1 13.7

127 13.6 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.163 ng/ul

RT: 12.424 min Scan# 2060

Delta R.T. -0.007 min

Lab File: BN026244.D

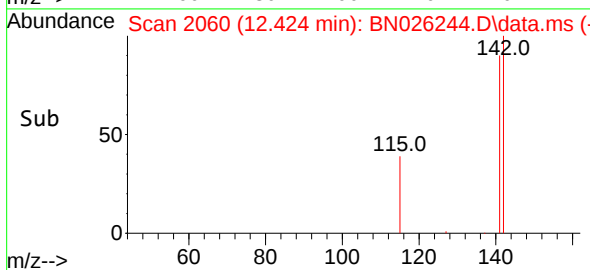
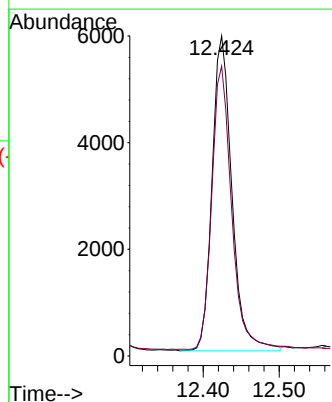
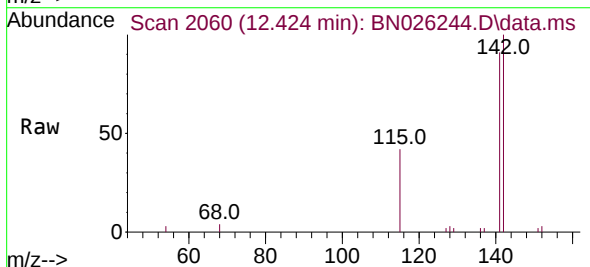
Acq: 04 Jul 2023 02:46

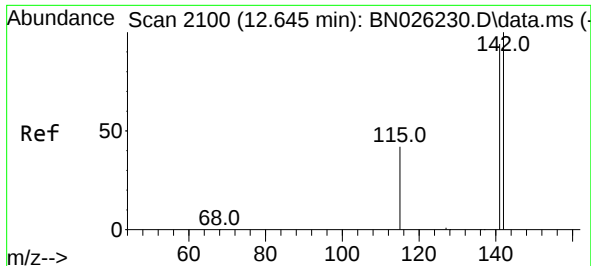
Tgt Ion:142 Resp: 10703

Ion Ratio Lower Upper

142 100

141 89.2 71.9 107.9

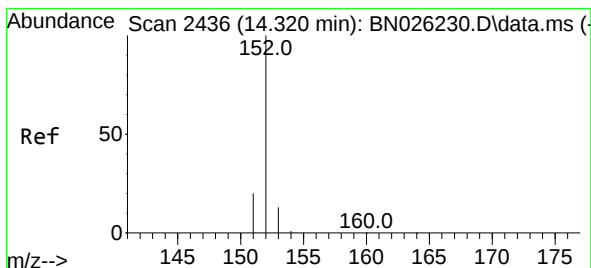
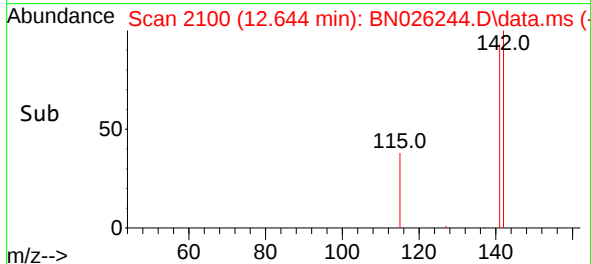
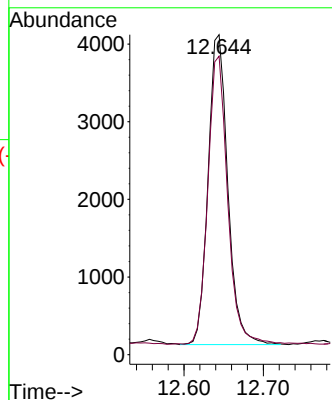
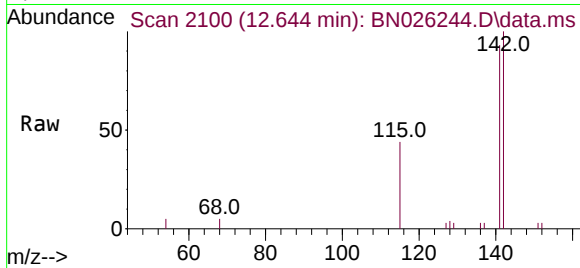




#8
1-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.644 min Scan# 2100
Delta R.T. -0.001 min
Lab File: BN026244.D
Acq: 04 Jul 2023 02:46

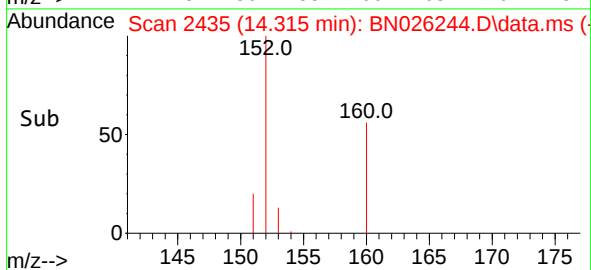
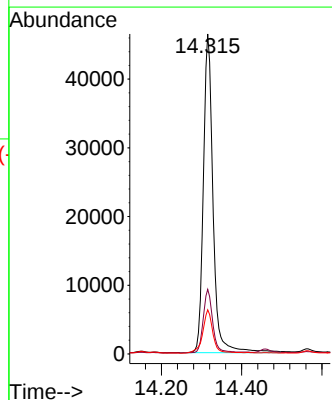
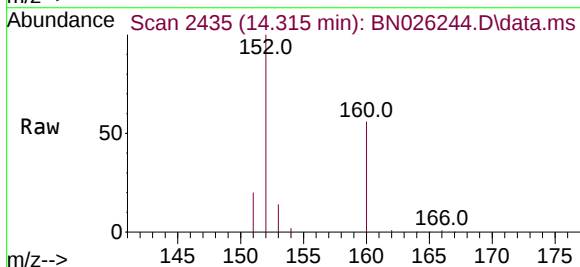
Instrument :
BNA_N
ClientSampleId :
DCGM4

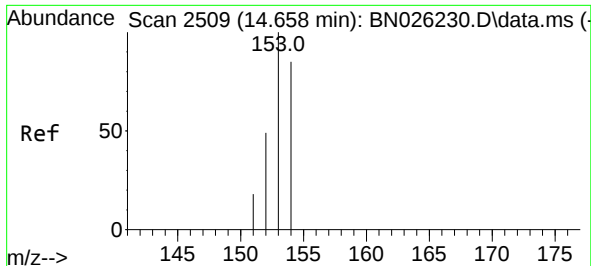
Tgt Ion:142 Resp: 6899
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4



#10
Acenaphthylene
Concen: 0.783 ng/ul
RT: 14.315 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN026244.D
Acq: 04 Jul 2023 02:46

Tgt Ion:152 Resp: 77602
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.8 10.9 16.3

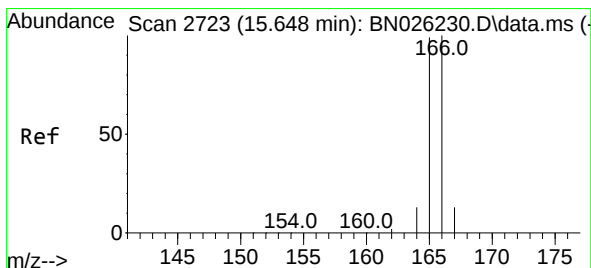
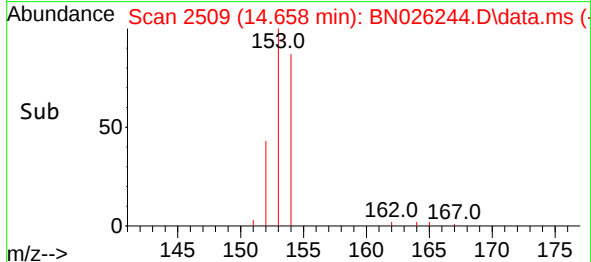
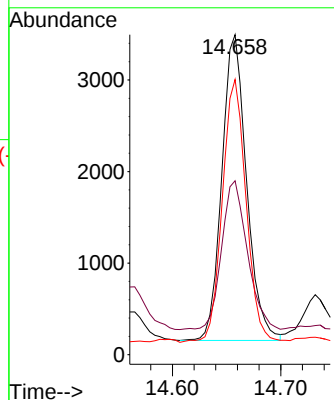
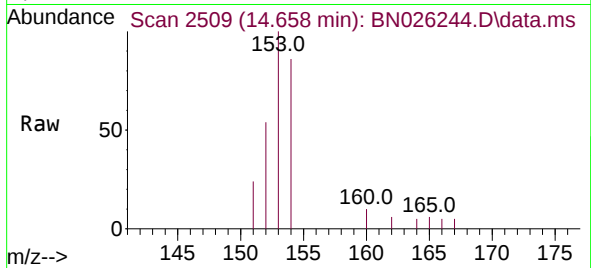




#11
Acenaphthene
Concen: 0.065 ng/ul
RT: 14.658 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN026244.D
Acq: 04 Jul 2023 02:46

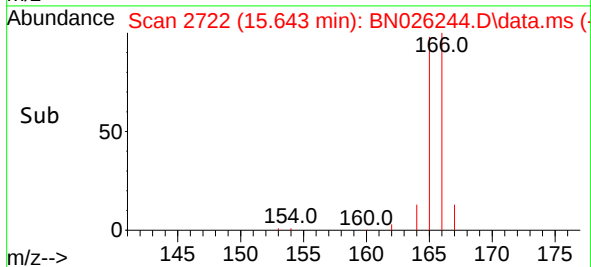
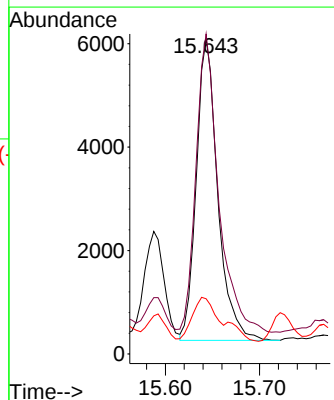
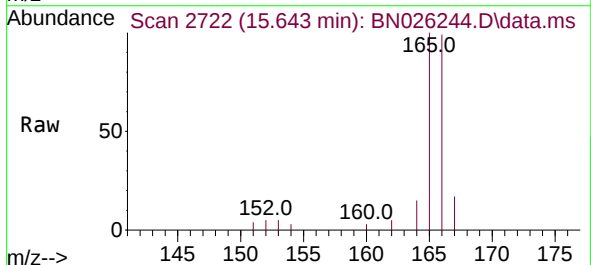
Instrument :
BNA_N
ClientSampleId :
DCGM4

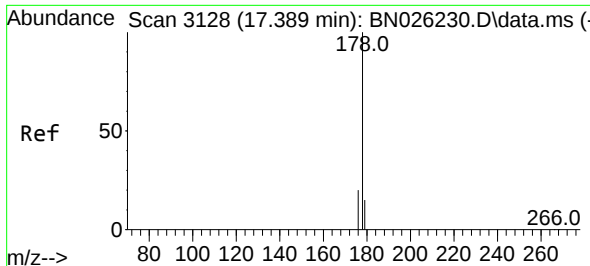
Tgt Ion:153 Resp: 5300
Ion Ratio Lower Upper
153 100
152 54.3 39.4 59.0
154 86.0 68.9 103.3



#12
Fluorene
Concen: 0.099 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.005 min
Lab File: BN026244.D
Acq: 04 Jul 2023 02:46

Tgt Ion:166 Resp: 9193
Ion Ratio Lower Upper
166 100
165 101.5 79.9 119.9
167 17.5 10.8 16.2#

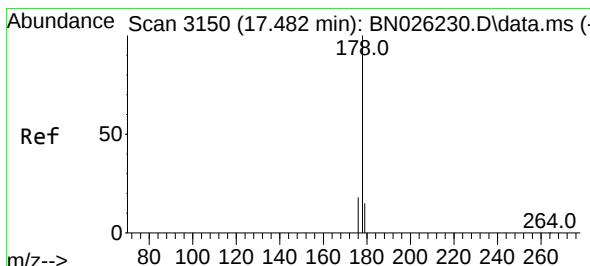
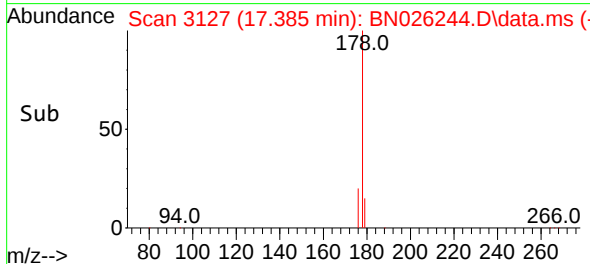
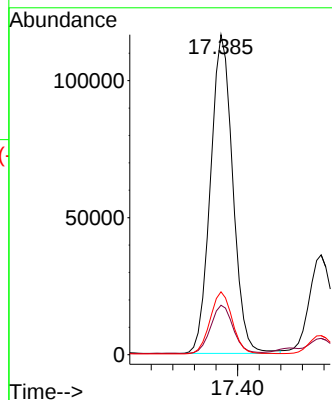
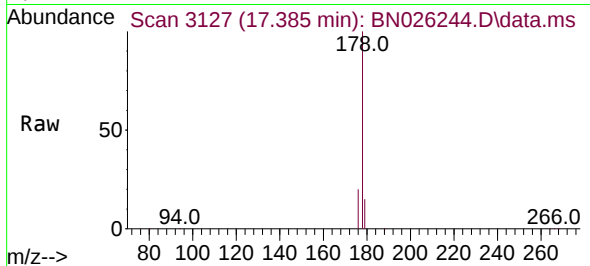




#15
Phenanthrene
Concen: 1.231 ng/ul
RT: 17.385 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026244.D
Acq: 04 Jul 2023 02:46

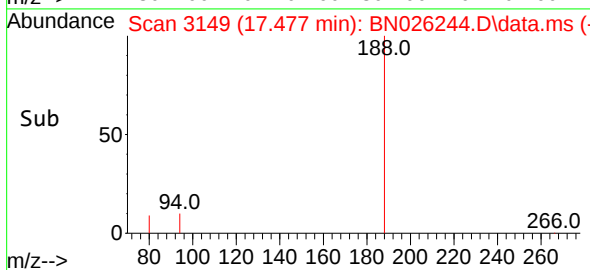
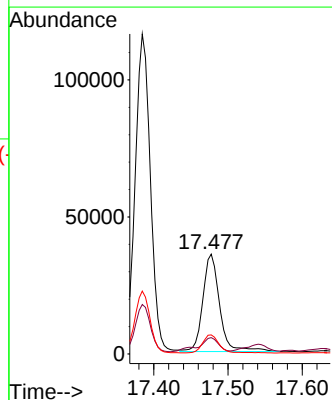
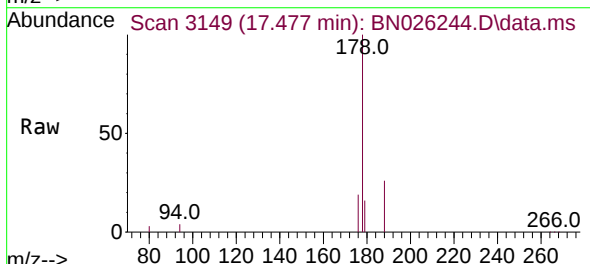
Instrument :
BNA_N
ClientSampleId :
DCGM4

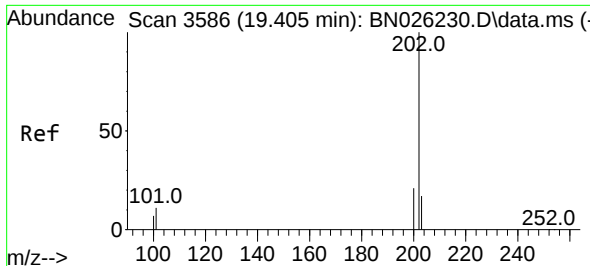
Tgt Ion:178 Resp: 166727
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.463 ng/ul
RT: 17.477 min Scan# 3149
Delta R.T. -0.005 min
Lab File: BN026244.D
Acq: 04 Jul 2023 02:46

Tgt Ion:178 Resp: 55760
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 19.1 15.1 22.7

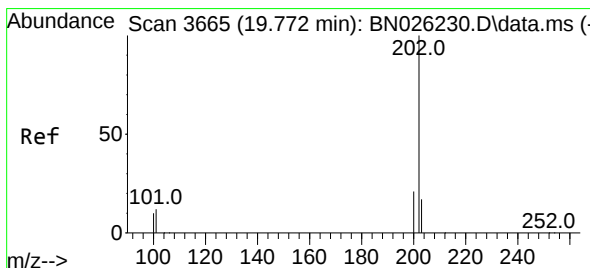
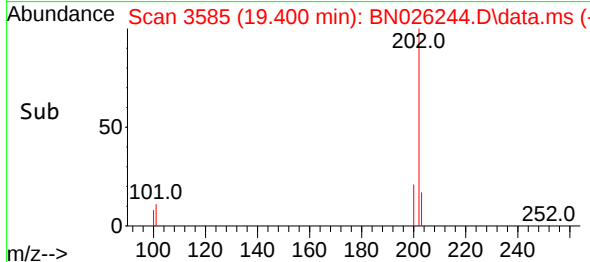
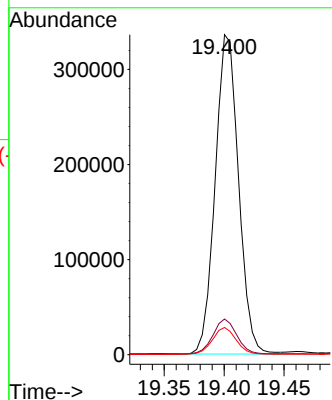
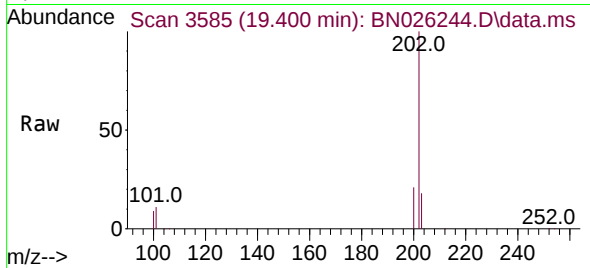




#19
Fluoranthene
Concen: 3.763 ng/ul
RT: 19.400 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BN026244.D
Acq: 04 Jul 2023 02:46

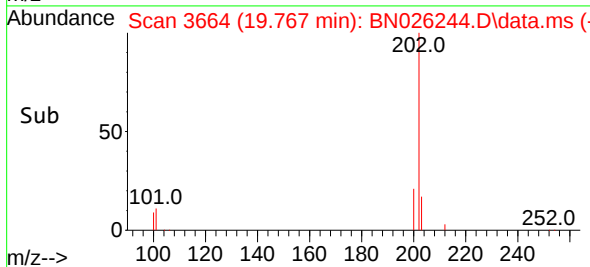
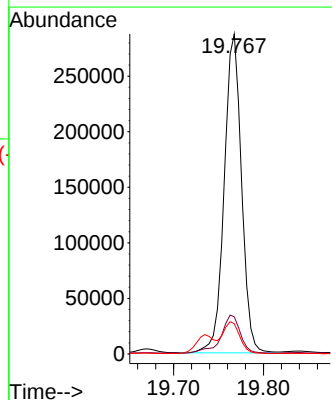
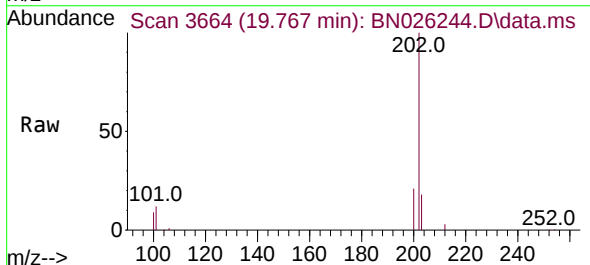
Instrument :
BNA_N
ClientSampleId :
DCGM4

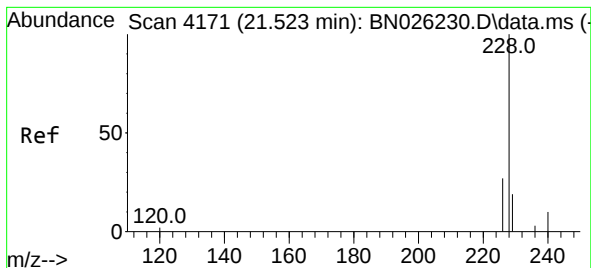
Tgt Ion:202 Resp: 455837
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.5 7.3 10.9



#20
Pyrene
Concen: 3.034 ng/ul
RT: 19.767 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026244.D
Acq: 04 Jul 2023 02:46

Tgt Ion:202 Resp: 382352
Ion Ratio Lower Upper
202 100
101 11.6 11.4 17.0
100 9.5 9.1 13.7





#21

Benzo(a)anthracene

Concen: 2.093 ng/ul

RT: 21.511 min Scan# 4167

Delta R.T. -0.012 min

Lab File: BN026244.D

Acq: 04 Jul 2023 02:46

Instrument :

BNA_N

ClientSampleId :

DCGM4

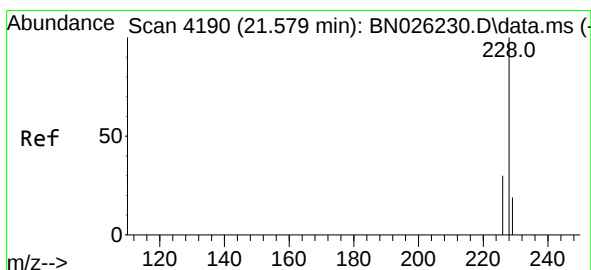
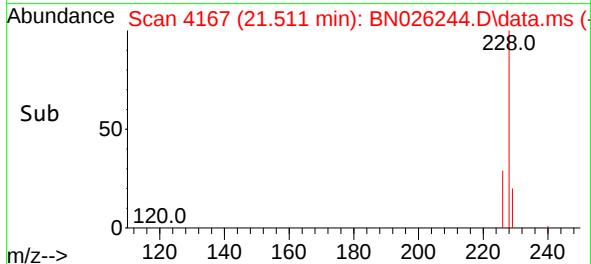
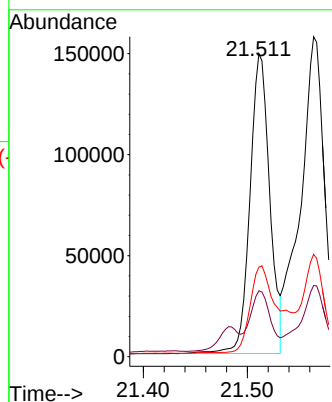
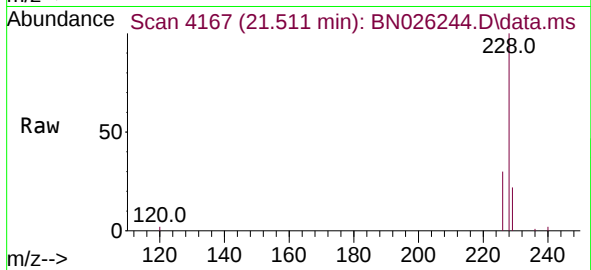
Tgt Ion:228 Resp: 195888

Ion Ratio Lower Upper

228 100

229 21.8 15.8 23.6

226 29.6 22.5 33.7



#22

Chrysene

Concen: 2.609 ng/ul

RT: 21.564 min Scan# 4185

Delta R.T. -0.015 min

Lab File: BN026244.D

Acq: 04 Jul 2023 02:46

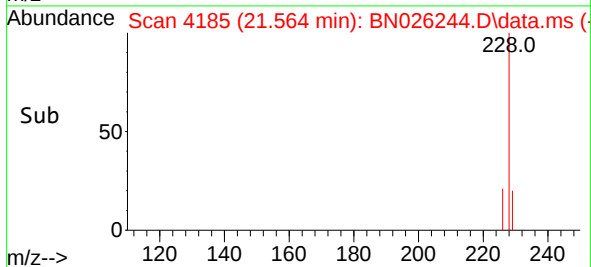
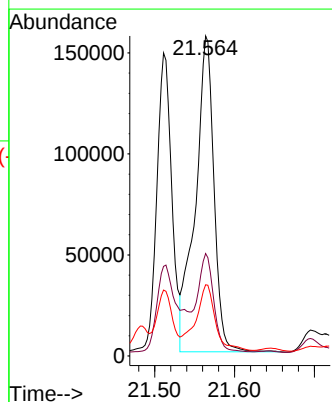
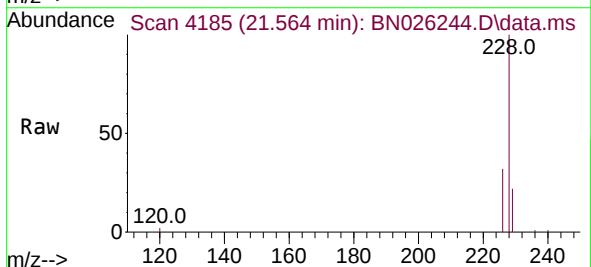
Tgt Ion:228 Resp: 254037

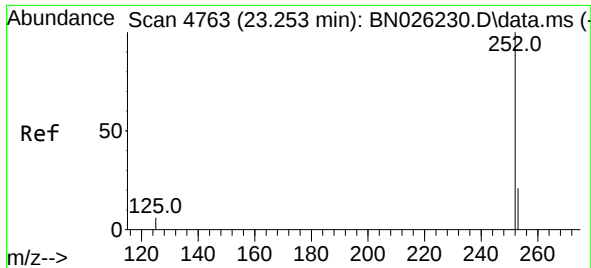
Ion Ratio Lower Upper

228 100

226 32.0 24.8 37.2

229 22.3 15.7 23.5

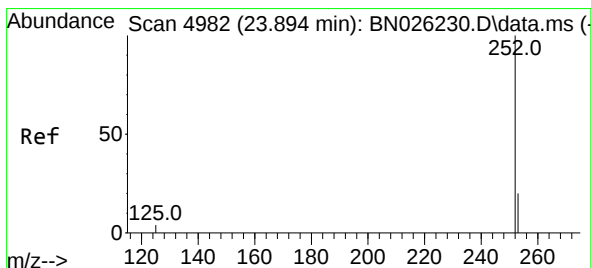
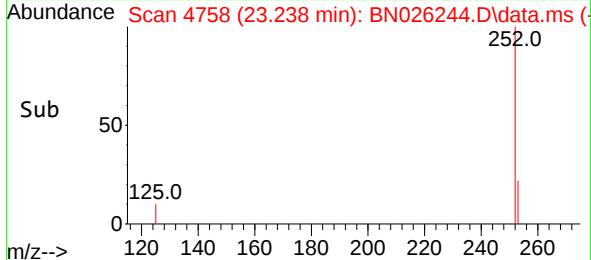
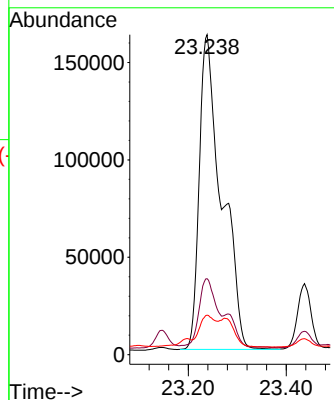
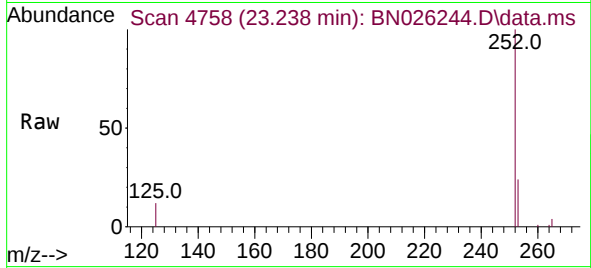




#24
Benzo(b)fluoranthene
Concen: 5.035 ng/ul
RT: 23.238 min Scan# 41
Delta R.T. -0.015 min
Lab File: BN026244.D
Acq: 04 Jul 2023 02:46

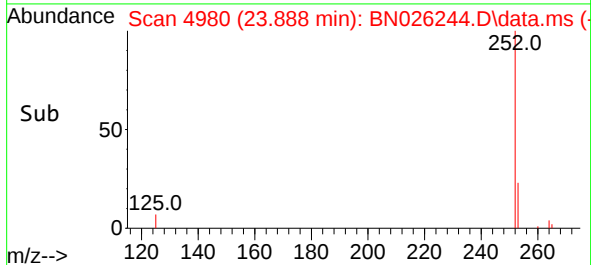
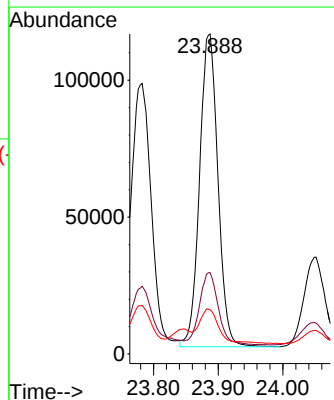
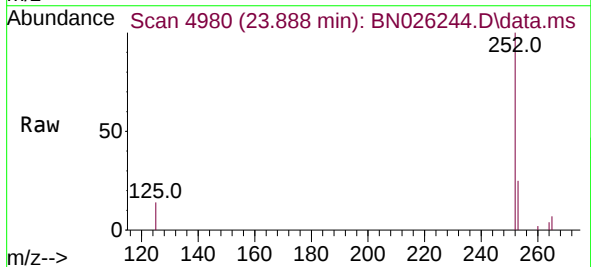
Instrument :
BNA_N
ClientSampleId :
DCGM4

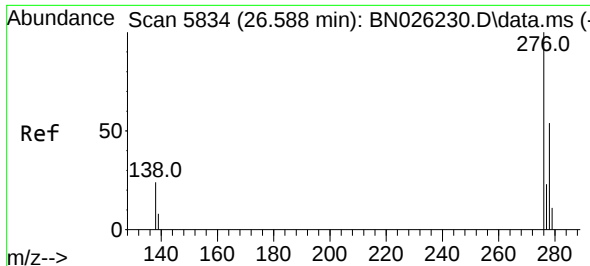
Tgt Ion:252 Resp: 512130
Ion Ratio Lower Upper
252 100
253 23.8 0.0 55.6
125 12.3 0.0 35.8



#26
Benzo(a)pyrene
Concen: 2.547 ng/ul
RT: 23.888 min Scan# 4980
Delta R.T. -0.006 min
Lab File: BN026244.D
Acq: 04 Jul 2023 02:46

Tgt Ion:252 Resp: 225023
Ion Ratio Lower Upper
252 100
253 25.4 26.0 39.0#
125 13.8 17.3 25.9#

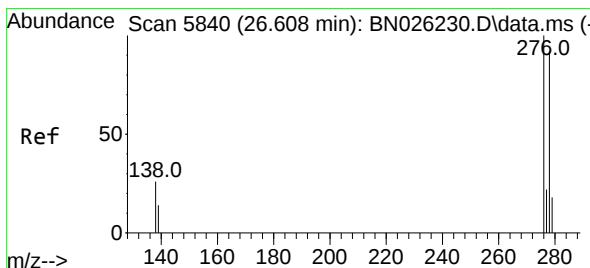
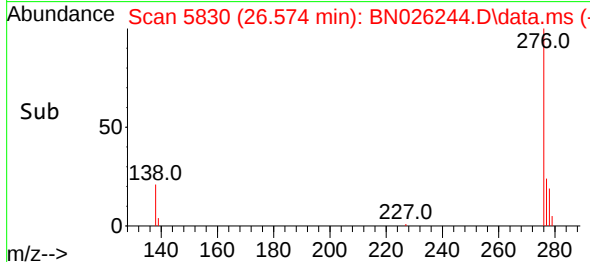
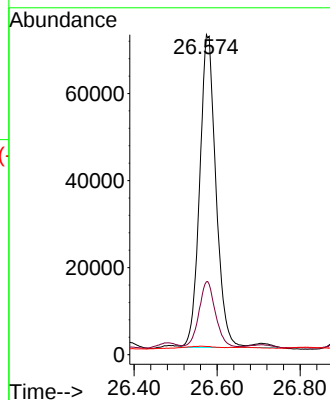
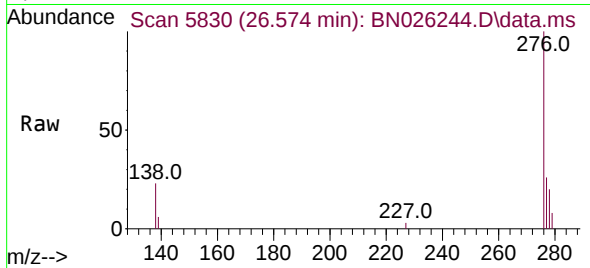




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.049 ng/ul
 RT: 26.574 min Scan# 5830
 Delta R.T. -0.014 min
 Lab File: BN026244.D
 Acq: 04 Jul 2023 02:46

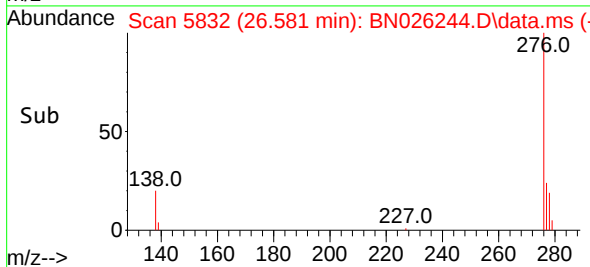
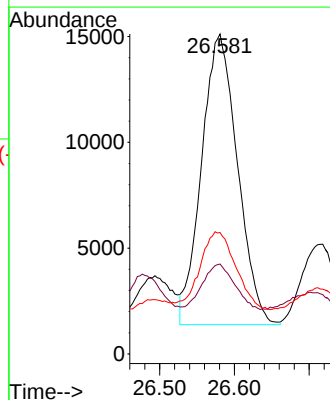
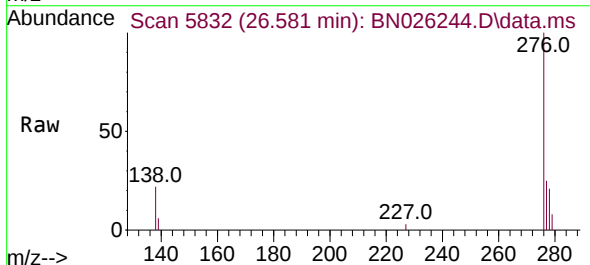
Instrument :
 BNA_N
 ClientSampleId :
 DCGM4

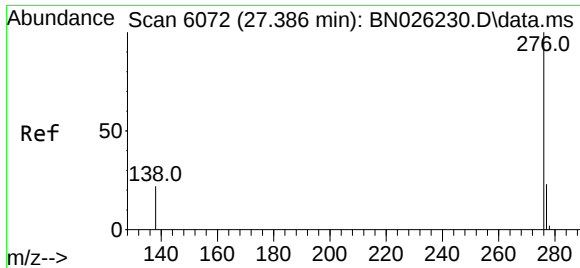
Tgt Ion:276 Resp: 197734
 Ion Ratio Lower Upper
 276 100
 138 20.9 24.5 36.7#
 227 3.4 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.629 ng/ul
 RT: 26.581 min Scan# 5832
 Delta R.T. -0.027 min
 Lab File: BN026244.D
 Acq: 04 Jul 2023 02:46

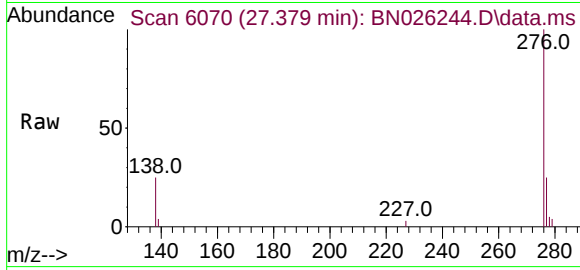
Tgt Ion:278 Resp: 45918
 Ion Ratio Lower Upper
 278 100
 139 28.1 19.0 28.4
 279 37.9 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 2.091 ng/ul
 RT: 27.379 min Scan# 6070
 Delta R.T. -0.007 min
 Lab File: BN026244.D
 Acq: 04 Jul 2023 02:46

Instrument :
 BNA_N
 ClientSampleId :
 DCGM4



Tgt Ion:276 Resp: 179519
 Ion Ratio Lower Upper
 276 100
 138 24.6 23.4 35.0
 277 25.2 20.0 30.0

