

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026220.D
 Acq On : 03 Jul 2023 11:15
 Operator : MA/JU
 Sample : 03246-01
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGA8

Quant Time: Jul 03 23:20:55 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

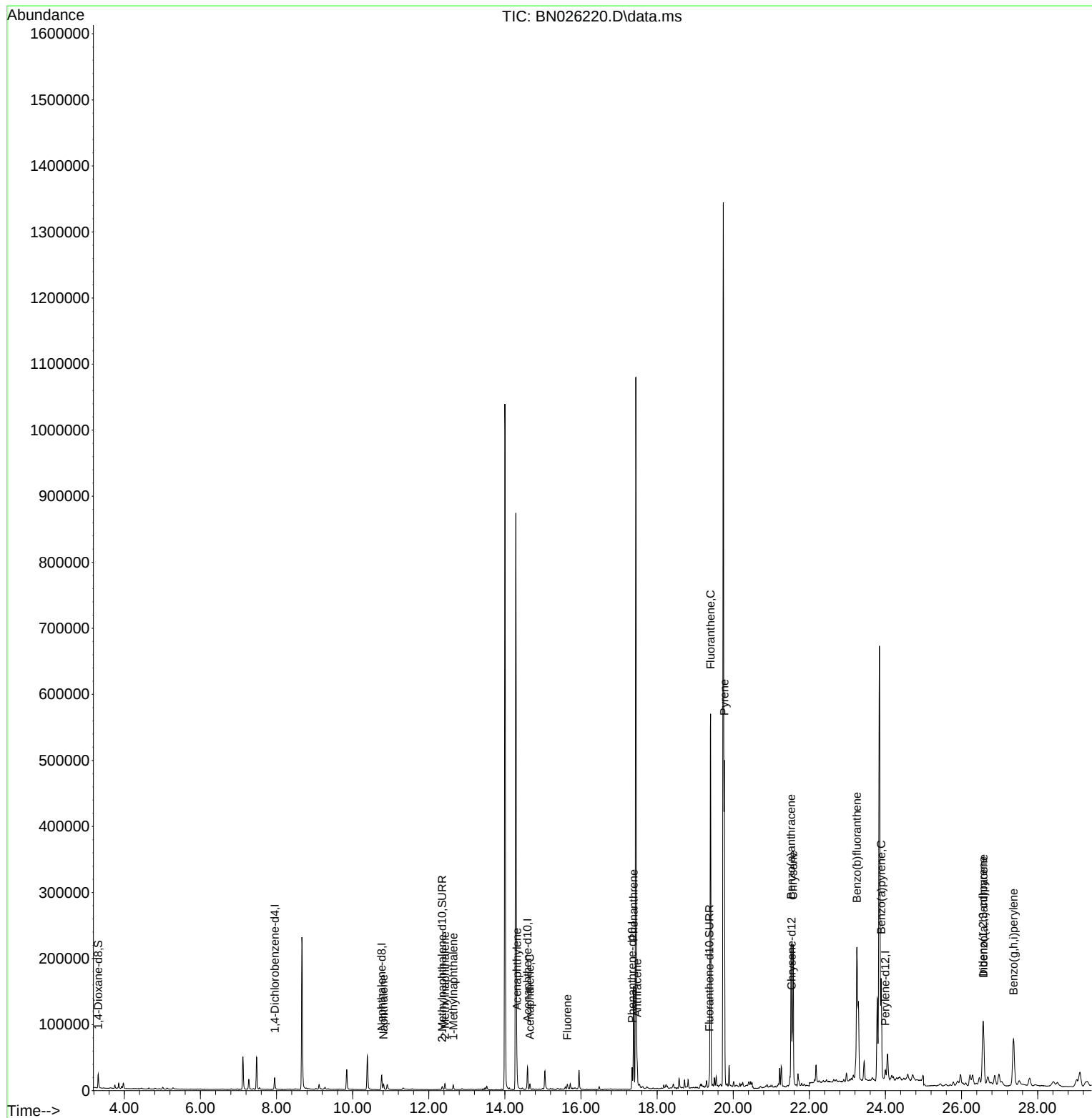
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	10128	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.763	136	31823	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.593	164	19099	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.342	188	38967	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	21519	0.400	ng/ul	0.00
23) Perylene-d12	23.995	264	21529	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	14285	1.252	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.353	152	6767	0.138	ng/ul	-0.01
18) Fluoranthene-d10	19.372	212	16148	0.197	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.813	128	11971	0.131	ng/ul	98
7) 2-Methylnaphthalene	12.424	142	7088	0.122	ng/ul	99
8) 1-Methylnaphthalene	12.644	142	5382	0.089	ng/ul	98
10) Acenaphthylene	14.315	152	26879	0.301	ng/ul	99
11) Acenaphthene	14.658	153	5178	0.071	ng/ul	97
12) Fluorene	15.643	166	5092	0.061	ng/ul#	95
15) Phenanthrene	17.384	178	166056	1.290	ng/ul	100
16) Anthracene	17.477	178	34952	0.306	ng/ul	97
19) Fluoranthene	19.404	202	492250	4.283	ng/ul	97
20) Pyrene	19.767	202	397401	3.324	ng/ul	96
21) Benzo(a)anthracene	21.522	228	181751	2.047	ng/ul	97
22) Chrysene	21.572	228	227684	2.465	ng/ul	97
24) Benzo(b)fluoranthene	23.250	252	471928	5.136	ng/ul	90
26) Benzo(a)pyrene	23.887	252	216806	2.717	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.567	276	187387	2.150	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.573	278	44725	0.678	ng/ul	97
29) Benzo(g,h,i)perylene	27.365	276	173275	2.234	ng/ul	95

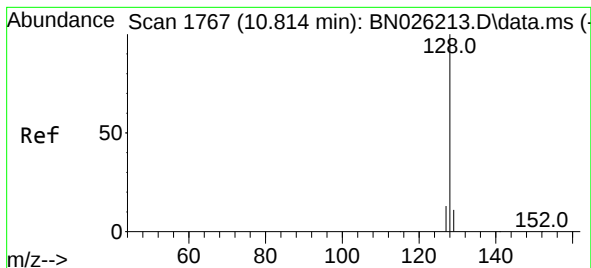
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.131 ng/ul

RT: 10.813 min Scan# 1767

Delta R.T. -0.012 min

Lab File: BN026220.D

Acq: 03 Jul 2023 11:15

Instrument :

BNA_N

ClientSampleId :

DCGA8

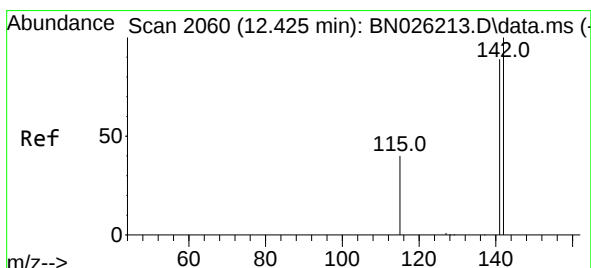
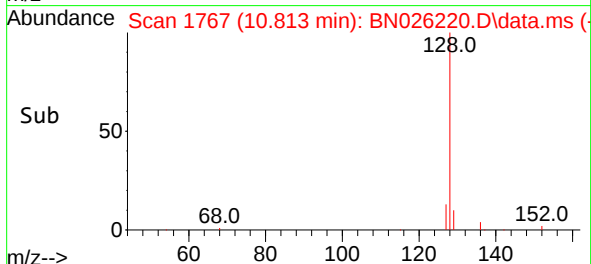
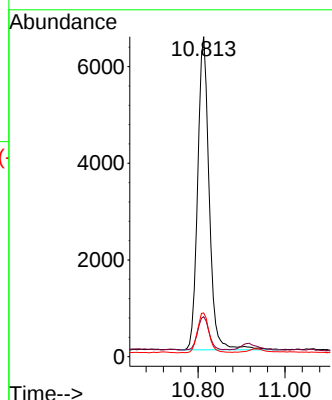
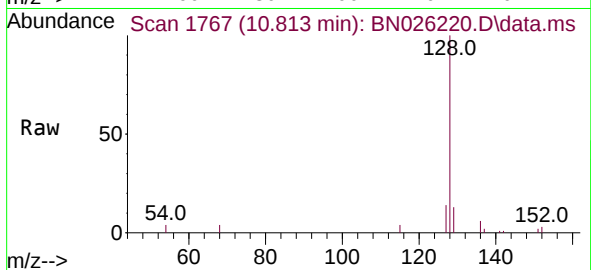
Tgt Ion:128 Resp: 11971

Ion Ratio Lower Upper

128 100

129 12.5 9.1 13.7

127 13.7 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.122 ng/ul

RT: 12.424 min Scan# 2060

Delta R.T. -0.012 min

Lab File: BN026220.D

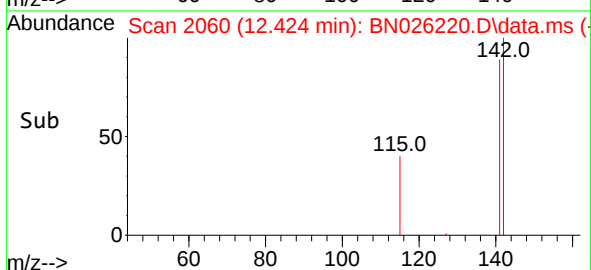
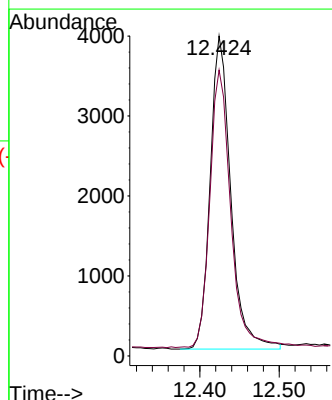
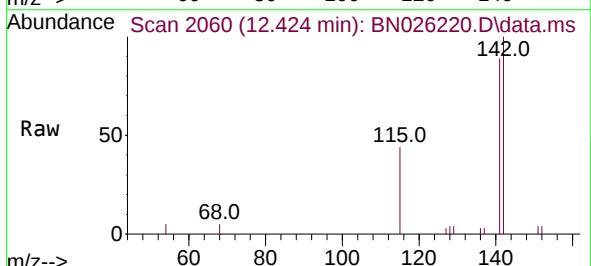
Acq: 03 Jul 2023 11:15

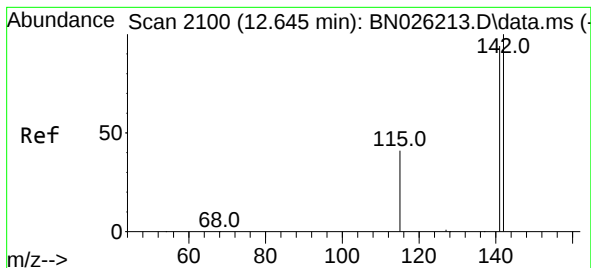
Tgt Ion:142 Resp: 7088

Ion Ratio Lower Upper

142 100

141 88.9 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.089 ng/ul

RT: 12.644 min Scan# 2100

Delta R.T. -0.007 min

Lab File: BN026220.D

Acq: 03 Jul 2023 11:15

Instrument :

BNA_N

ClientSampleId :

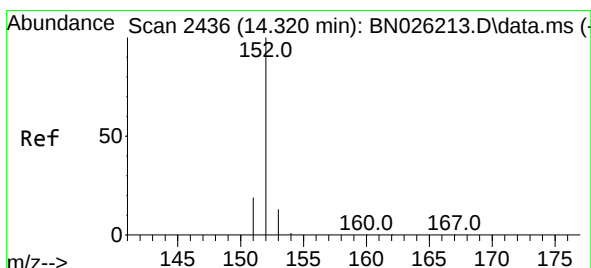
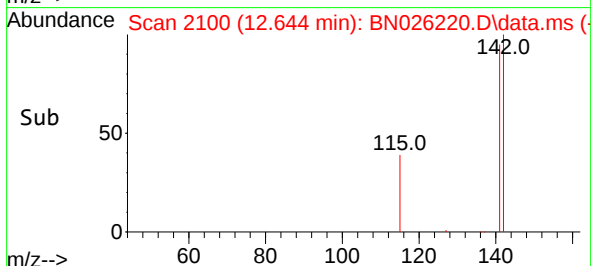
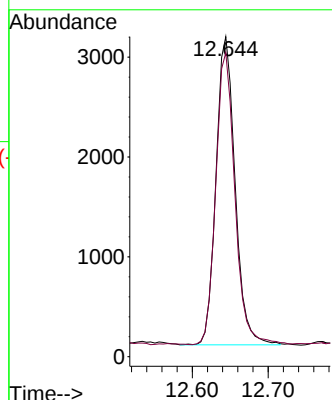
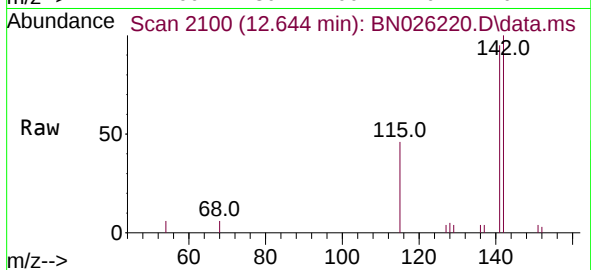
DCGA8

Tgt Ion:142 Resp: 5382

Ion Ratio Lower Upper

142 100

141 94.9 74.2 111.4



#10

Acenaphthylene

Concen: 0.301 ng/ul

RT: 14.315 min Scan# 2435

Delta R.T. -0.010 min

Lab File: BN026220.D

Acq: 03 Jul 2023 11:15

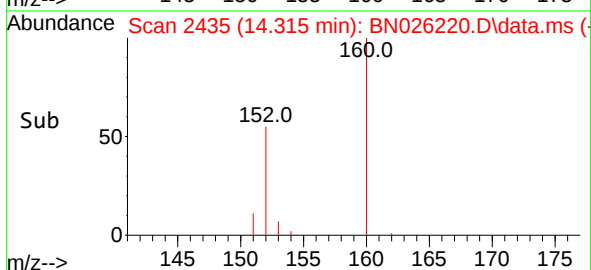
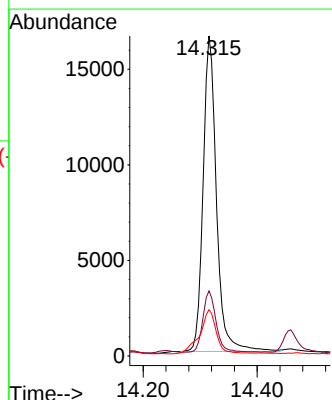
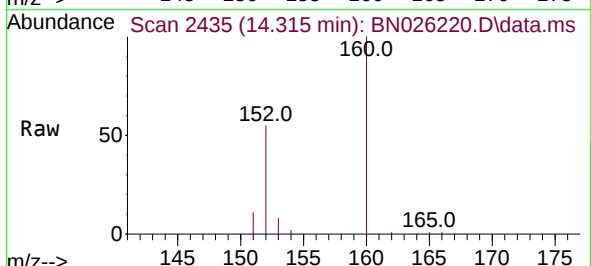
Tgt Ion:152 Resp: 26879

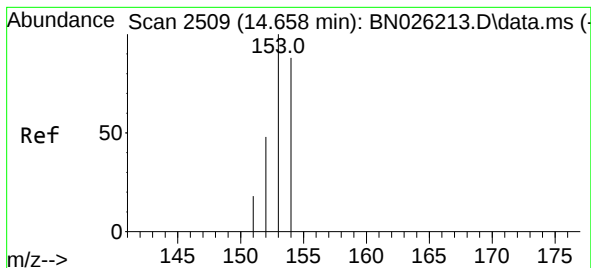
Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 14.5 10.9 16.3





#11

Acenaphthene

Concen: 0.071 ng/ul

RT: 14.658 min Scan# 21

Delta R.T. -0.010 min

Lab File: BN026220.D

Acq: 03 Jul 2023 11:15

Instrument :

BNA_N

ClientSampleId :

DCGA8

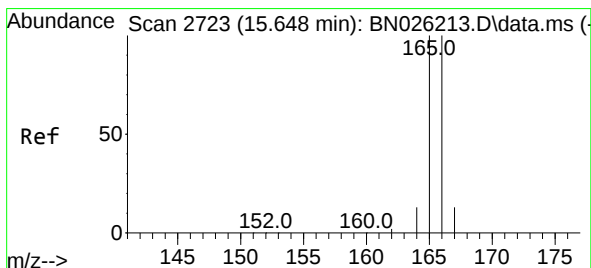
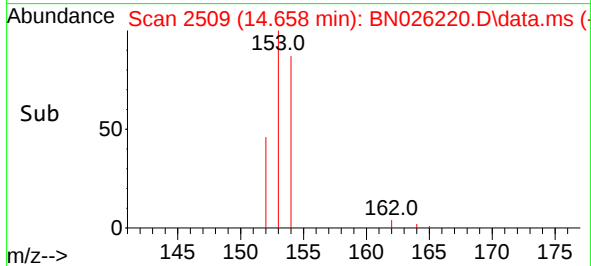
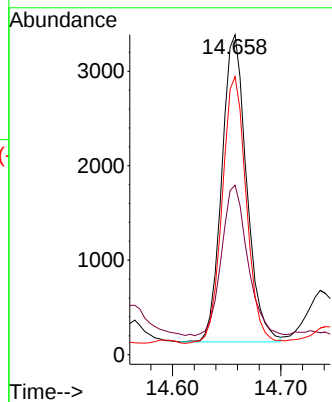
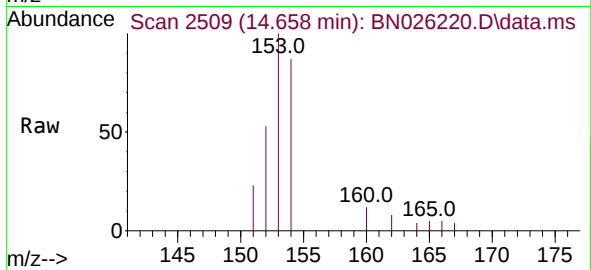
Tgt Ion:153 Resp: 5178

Ion Ratio Lower Upper

153 100

152 52.9 39.4 59.0

154 86.9 68.9 103.3



#12

Fluorene

Concen: 0.061 ng/ul

RT: 15.643 min Scan# 2722

Delta R.T. -0.010 min

Lab File: BN026220.D

Acq: 03 Jul 2023 11:15

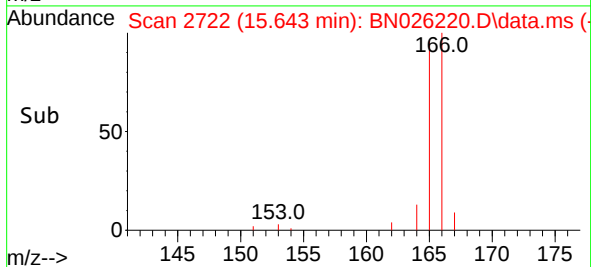
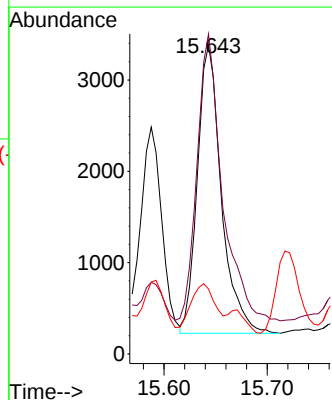
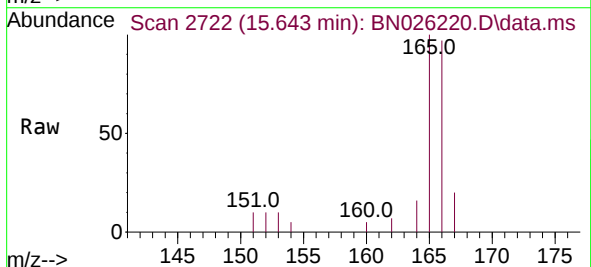
Tgt Ion:166 Resp: 5092

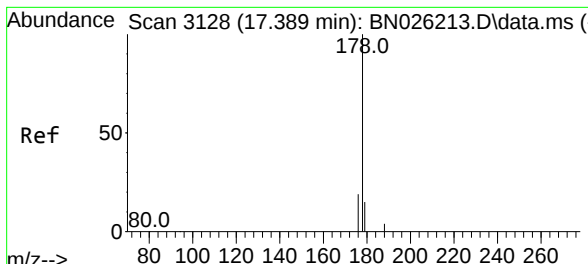
Ion Ratio Lower Upper

166 100

165 103.6 79.9 119.9

167 21.0 10.8 16.2#

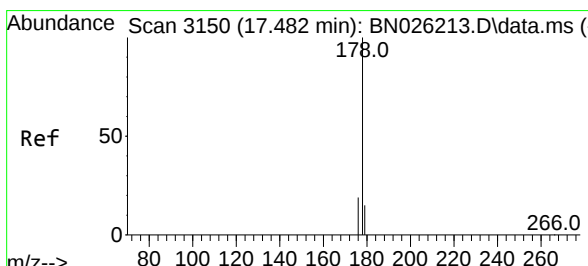
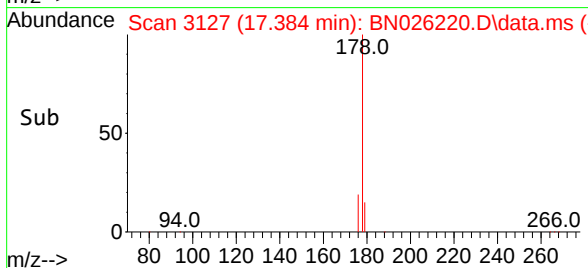
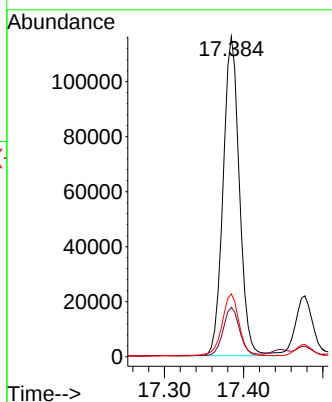
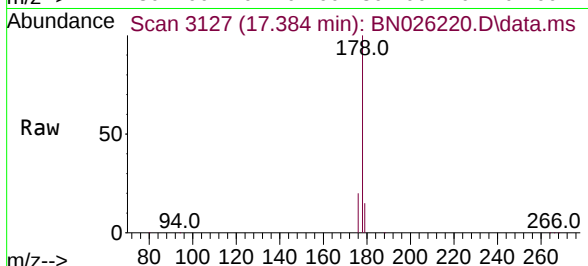




#15
 Phenanthrene
 Concen: 1.290 ng/ul
 RT: 17.384 min Scan# 3127
 Delta R.T. -0.010 min
 Lab File: BN026220.D
 Acq: 03 Jul 2023 11:15

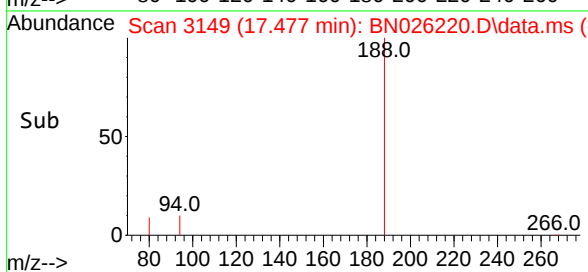
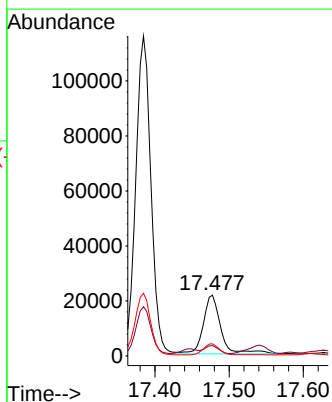
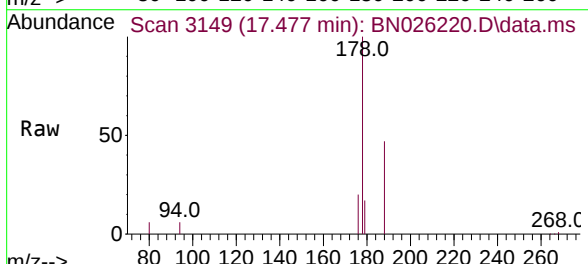
Instrument :
 BNA_N
 ClientSampleId :
 DCGA8

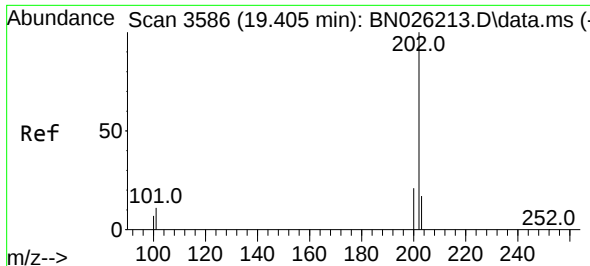
Tgt Ion:	178	Resp:	166056
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.6	19.0
176	19.6	15.8	23.6



#16
 Anthracene
 Concen: 0.306 ng/ul
 RT: 17.477 min Scan# 3149
 Delta R.T. -0.010 min
 Lab File: BN026220.D
 Acq: 03 Jul 2023 11:15

Tgt Ion:	178	Resp:	34952
Ion Ratio	Lower	Upper	
178	100		
179	17.1	12.6	18.8
176	19.9	15.1	22.7

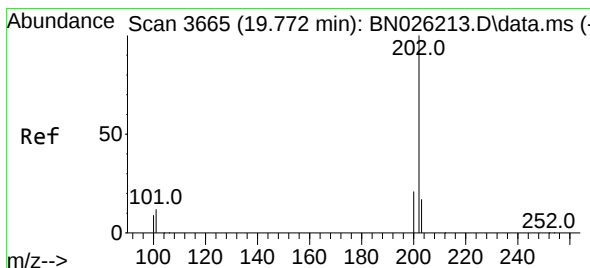
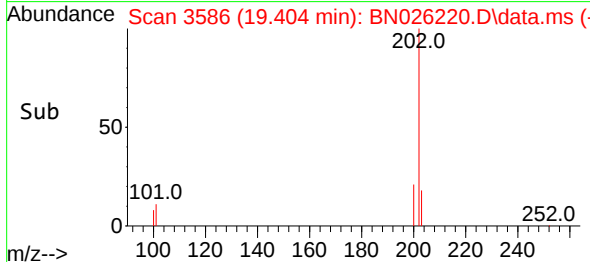
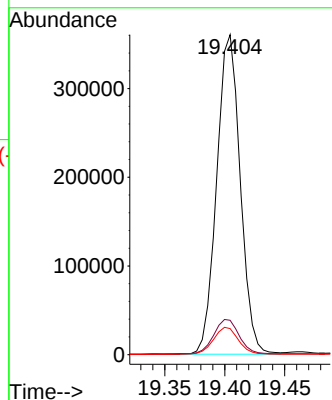
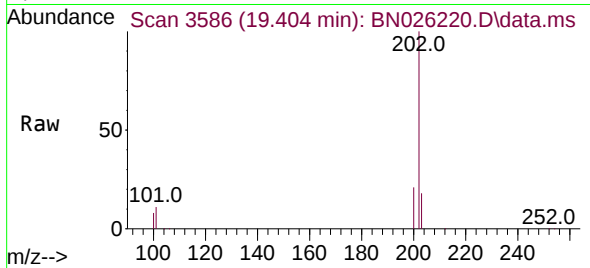




#19
Fluoranthene
Concen: 4.283 ng/ul
RT: 19.404 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026220.D
Acq: 03 Jul 2023 11:15

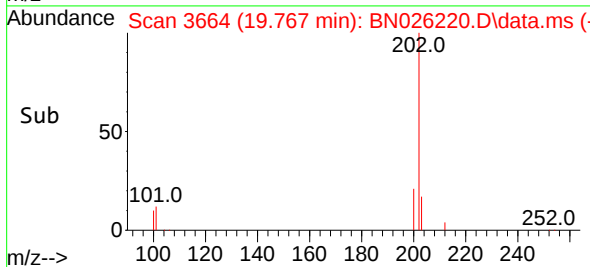
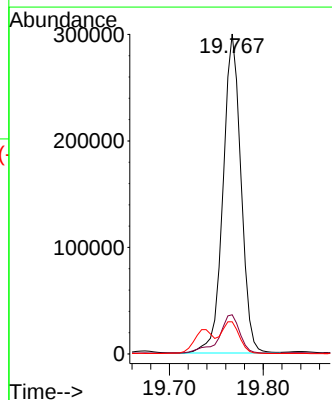
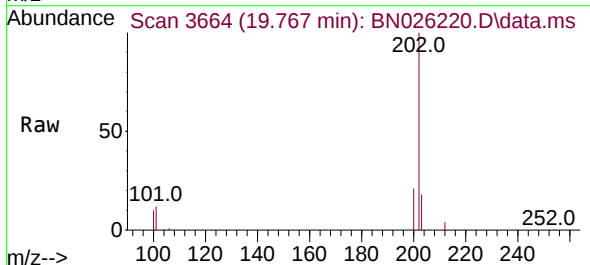
Instrument :
BNA_N
ClientSampleId :
DCGA8

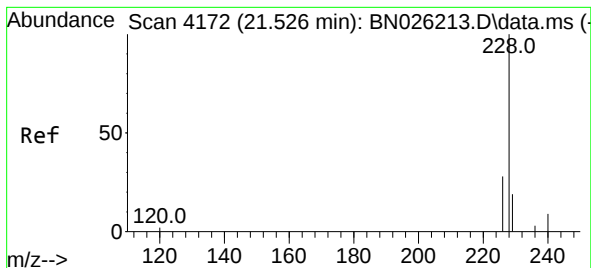
Tgt Ion:202 Resp: 492250
Ion Ratio Lower Upper
202 100
101 10.7 9.5 14.3
100 8.2 7.3 10.9



#20
Pyrene
Concen: 3.324 ng/ul
RT: 19.767 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026220.D
Acq: 03 Jul 2023 11:15

Tgt Ion:202 Resp: 397401
Ion Ratio Lower Upper
202 100
101 12.3 11.4 17.0
100 10.1 9.1 13.7





#21

Benzo(a)anthracene

Concen: 2.047 ng/ul

RT: 21.522 min Scan# 41

Delta R.T. -0.004 min

Lab File: BN026220.D

Acq: 03 Jul 2023 11:15

Instrument :

BNA_N

ClientSampleId :

DCGA8

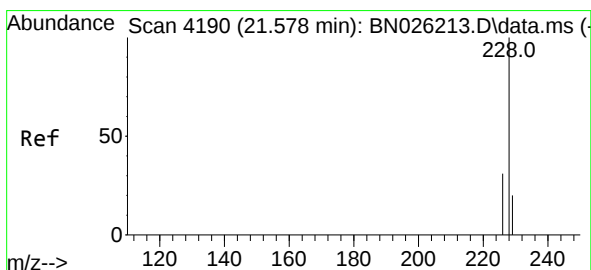
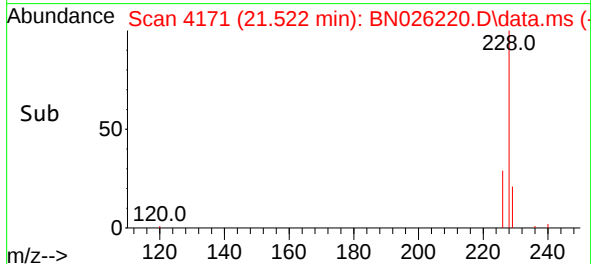
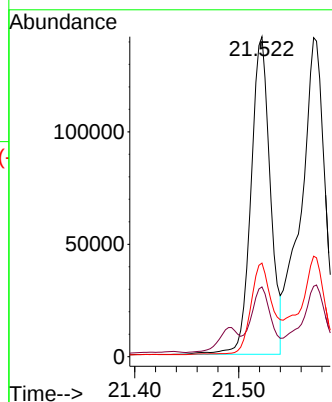
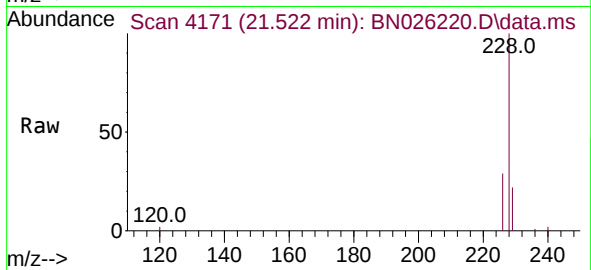
Tgt Ion:228 Resp: 181751

Ion Ratio Lower Upper

228 100

229 21.8 15.8 23.6

226 29.2 22.5 33.7



#22

Chrysene

Concen: 2.465 ng/ul

RT: 21.572 min Scan# 4188

Delta R.T. -0.007 min

Lab File: BN026220.D

Acq: 03 Jul 2023 11:15

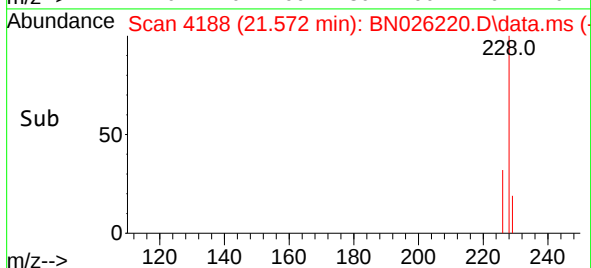
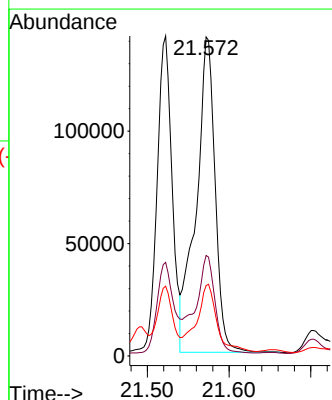
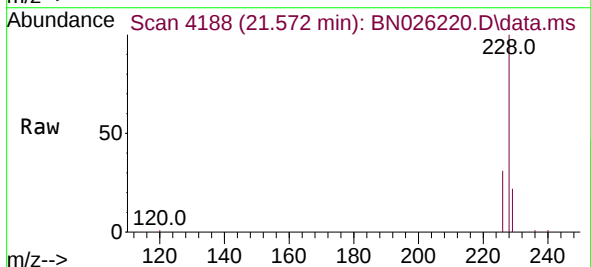
Tgt Ion:228 Resp: 227684

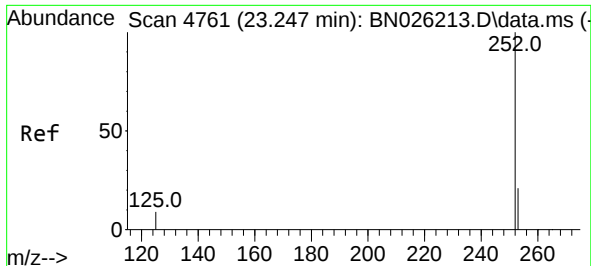
Ion Ratio Lower Upper

228 100

226 31.5 24.8 37.2

229 22.1 15.7 23.5

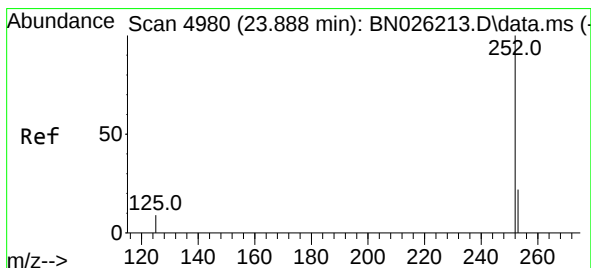
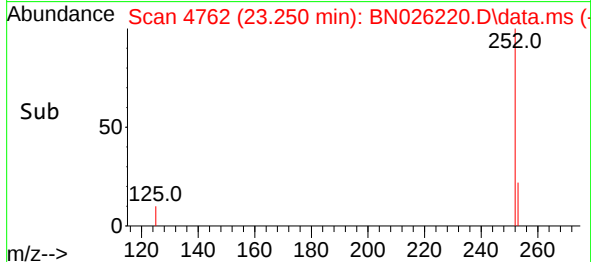
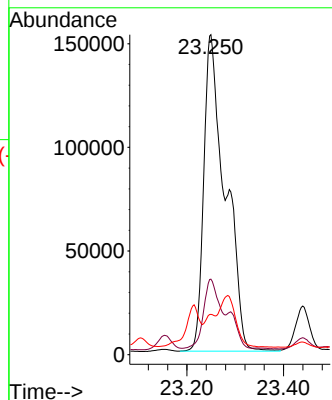
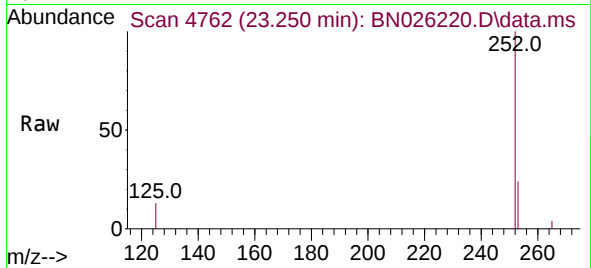




#24
Benzo(b)fluoranthene
Concen: 5.136 ng/ul
RT: 23.250 min Scan# 4761
Delta R.T. 0.007 min
Lab File: BN026220.D
Acq: 03 Jul 2023 11:15

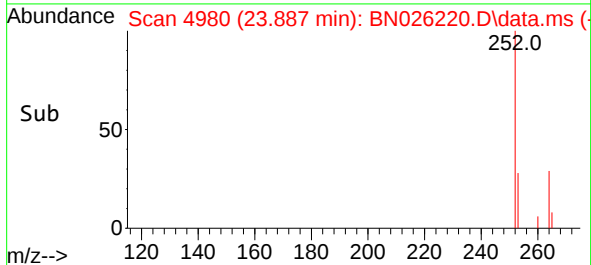
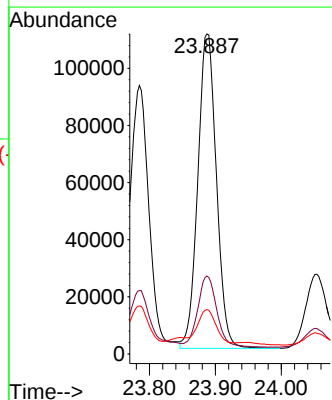
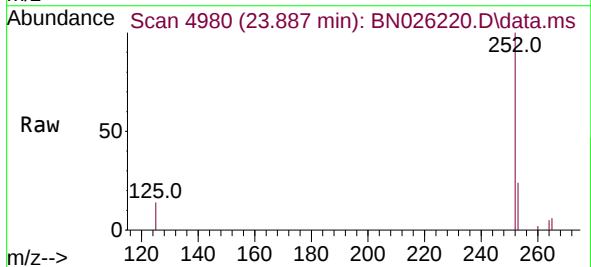
Instrument :
BNA_N
ClientSampleId :
DCGA8

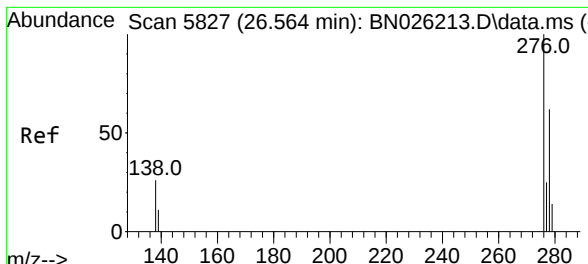
Tgt Ion:252 Resp: 471928
Ion Ratio Lower Upper
252 100
253 23.6 0.0 55.6
125 12.6 0.0 35.8



#26
Benzo(a)pyrene
Concen: 2.717 ng/ul
RT: 23.887 min Scan# 4980
Delta R.T. 0.001 min
Lab File: BN026220.D
Acq: 03 Jul 2023 11:15

Tgt Ion:252 Resp: 216806
Ion Ratio Lower Upper
252 100
253 24.3 26.0 39.0#
125 13.9 17.3 25.9#

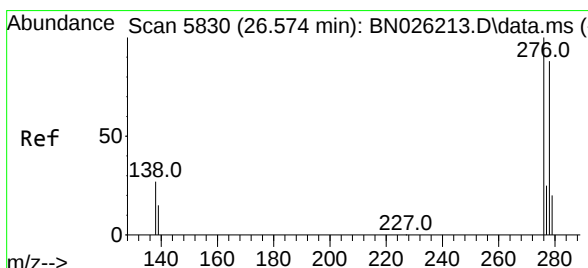
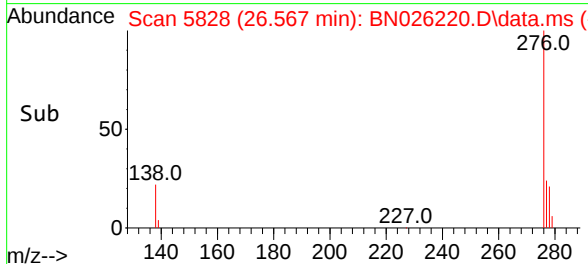
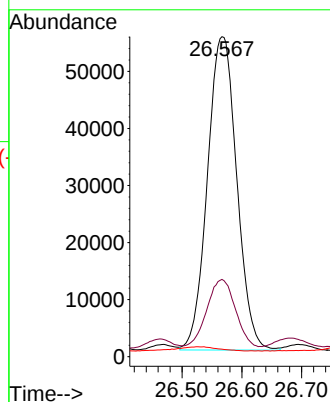
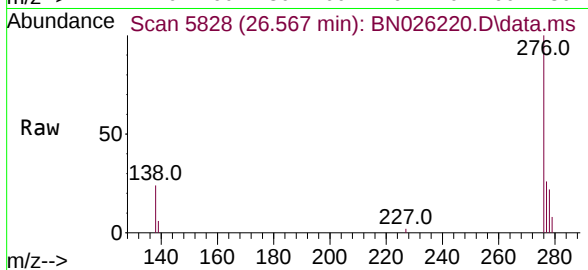




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.150 ng/ul
 RT: 26.567 min Scan# 5827
 Delta R.T. 0.009 min
 Lab File: BN026220.D
 Acq: 03 Jul 2023 11:15

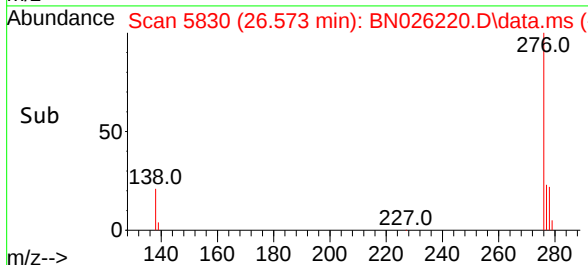
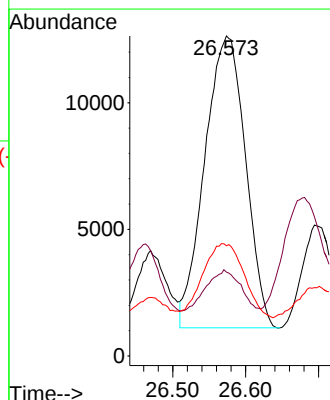
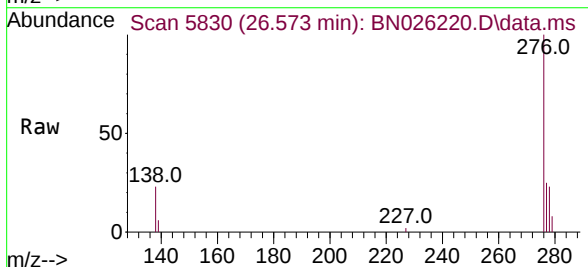
Instrument :
 BNA_N
 ClientSampleId :
 DCGA8

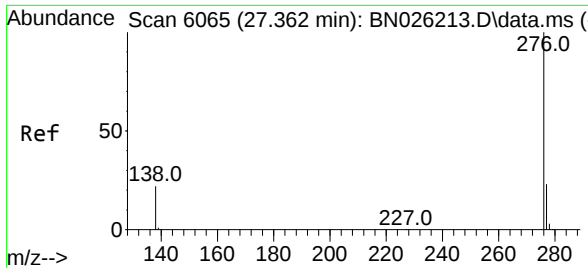
Tgt Ion:276 Resp: 187387
 Ion Ratio Lower Upper
 276 100
 138 21.1 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.678 ng/ul
 RT: 26.573 min Scan# 5830
 Delta R.T. -0.005 min
 Lab File: BN026220.D
 Acq: 03 Jul 2023 11:15

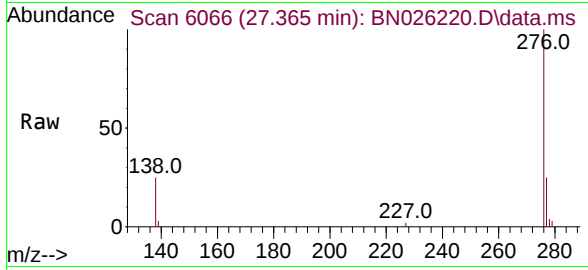
Tgt Ion:278 Resp: 44725
 Ion Ratio Lower Upper
 278 100
 139 26.2 19.0 28.4
 279 34.4 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 2.234 ng/ul
 RT: 27.365 min Scan# 6066
 Delta R.T. 0.019 min
 Lab File: BN026220.D
 Acq: 03 Jul 2023 11:15

Instrument :
 BNA_N
 ClientSampleId :
 DCGA8



Tgt Ion:276 Resp: 173275

Ion	Ratio	Lower	Upper
276	100		
138	24.7	23.4	35.0
277	24.6	20.0	30.0

