

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026227.D
 Acq On : 03 Jul 2023 15:36
 Operator : MA/JU
 Sample : 03246-10
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGJ7

Quant Time: Jul 03 23:22:30 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)

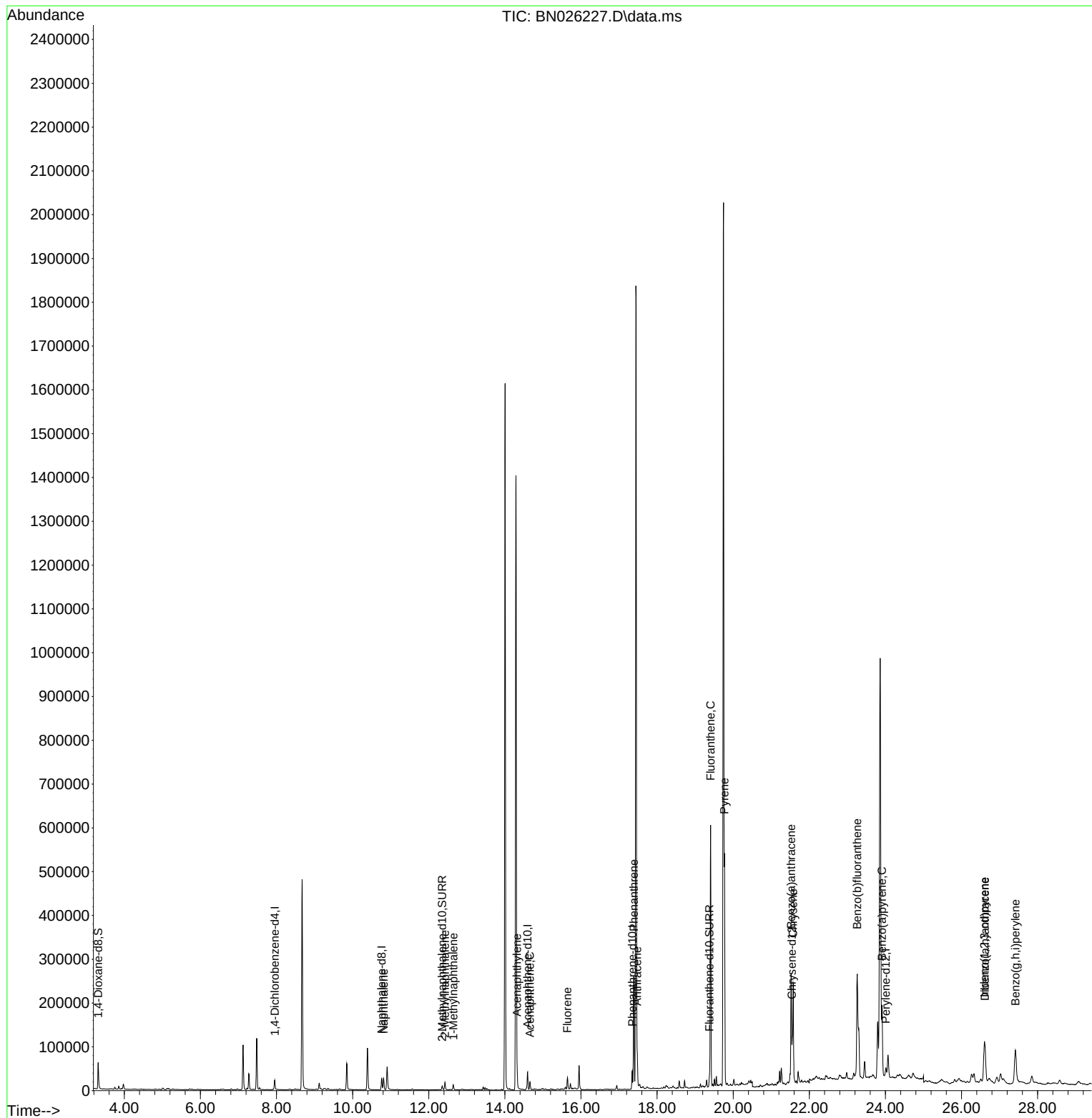
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	11898	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	36462	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	22693	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	48666	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	25520	0.400	ng/ul	# 0.00
23) Perylene-d12	24.011	264	26871	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	41540	3.100	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.354	152	12515	0.223	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	25996	0.268	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.814	128	36838	0.353	ng/ul	99
7) 2-Methylnaphthalene	12.426	142	12809	0.192	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	8452	0.123	ng/ul	100
10) Acenaphthylene	14.320	152	46706	0.440	ng/ul	99
11) Acenaphthene	14.658	153	10653	0.123	ng/ul	99
12) Fluorene	15.644	166	18010	0.181	ng/ul#	98
15) Phenanthrene	17.389	178	282980	1.760	ng/ul	99
16) Anthracene	17.478	178	75198	0.526	ng/ul	99
19) Fluoranthene	19.405	202	514601	3.775	ng/ul	97
20) Pyrene	19.772	202	429441	3.029	ng/ul	94
21) Benzo(a)anthracene	21.523	228	219284	2.083	ng/ul	95
22) Chrysene	21.576	228	258921	2.364	ng/ul#	95
24) Benzo(b)fluoranthene	23.259	252	540736	4.715	ng/ul	93
26) Benzo(a)pyrene	23.908	252	232253	2.332	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.605	276	186203	1.711	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.618	278	45008	0.547	ng/ul#	75
29) Benzo(g,h,i)perylene	27.416	276	183057	1.891	ng/ul	94

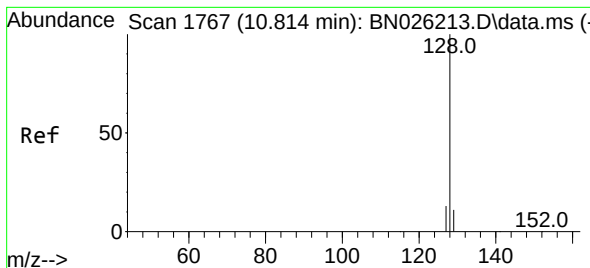
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.353 ng/ul

RT: 10.814 min Scan# 1767

Delta R.T. -0.011 min

Lab File: BN026227.D

Acq: 03 Jul 2023 15:36

Instrument :

BNA_N

ClientSampleId :

DCGJ7

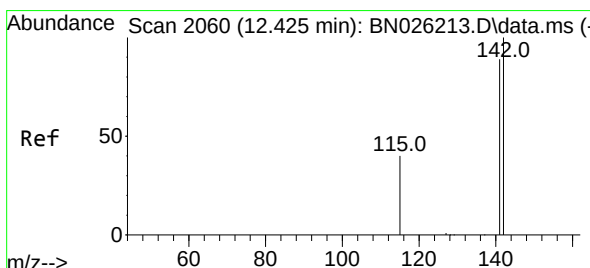
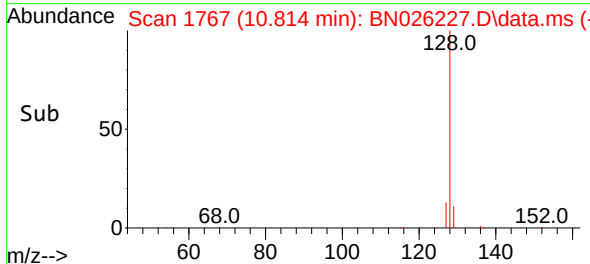
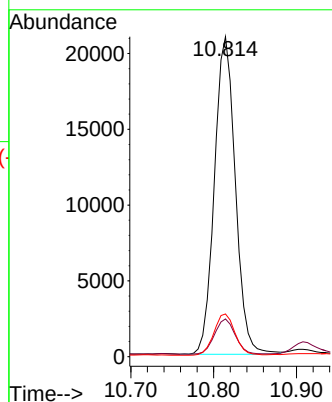
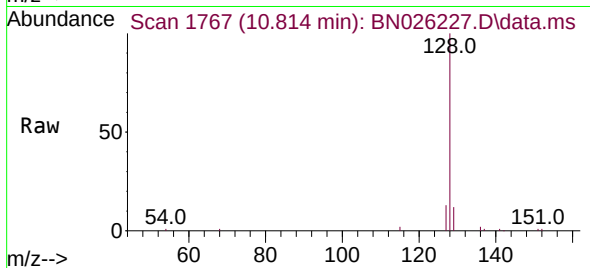
Tgt Ion:128 Resp: 36838

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

127 13.4 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.192 ng/ul

RT: 12.426 min Scan# 2060

Delta R.T. -0.011 min

Lab File: BN026227.D

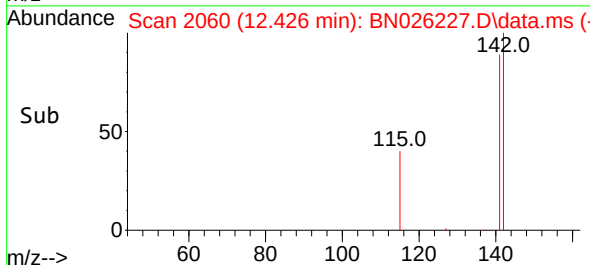
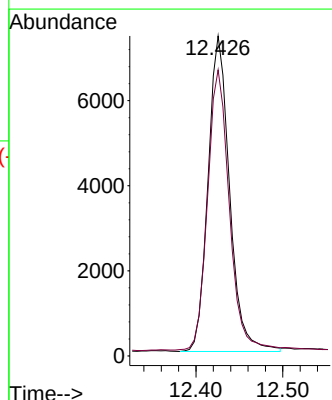
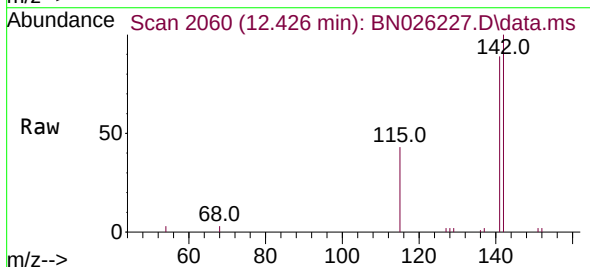
Acq: 03 Jul 2023 15:36

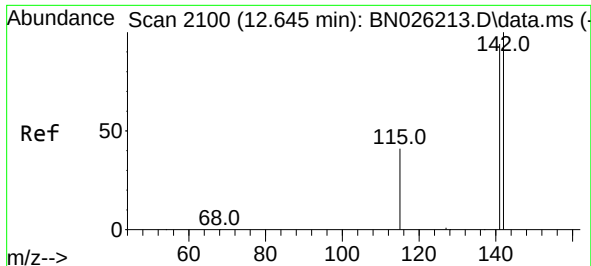
Tgt Ion:142 Resp: 12809

Ion Ratio Lower Upper

142 100

141 89.1 71.9 107.9

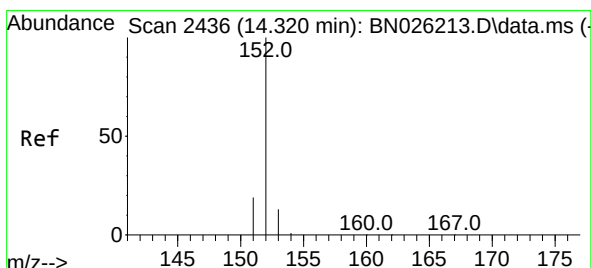
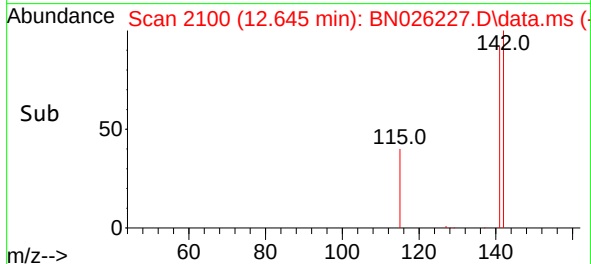
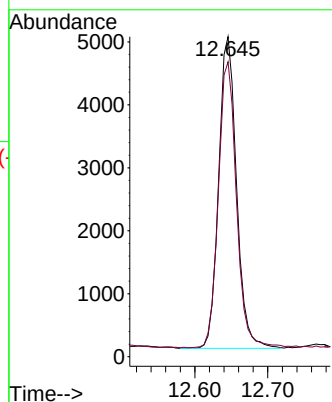
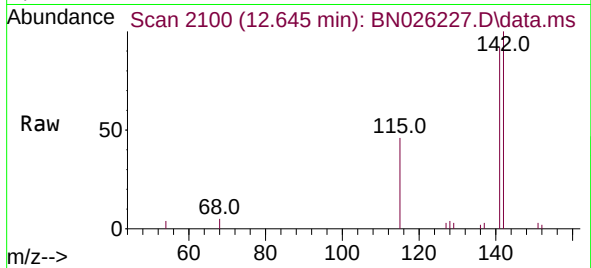




#8
1-Methylnaphthalene
Concen: 0.123 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026227.D
Acq: 03 Jul 2023 15:36

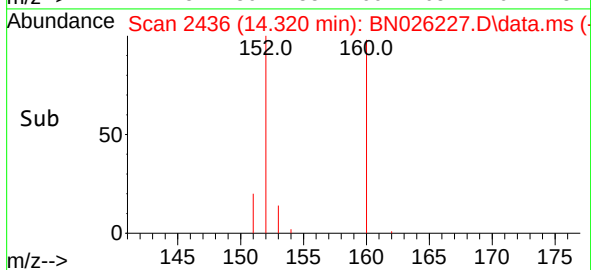
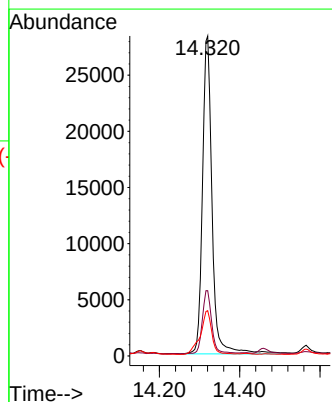
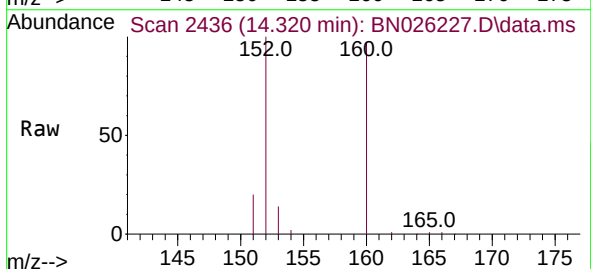
Instrument :
BNA_N
ClientSampleId :
DCGJ7

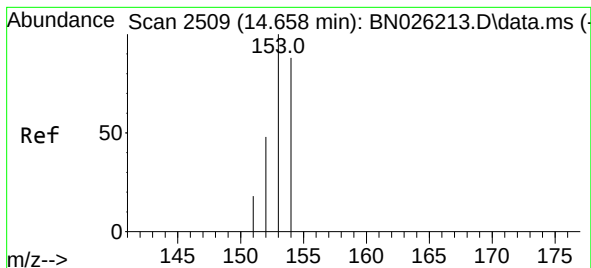
Tgt Ion:142 Resp: 8452
Ion Ratio Lower Upper
142 100
141 92.8 74.2 111.4



#10
Acenaphthylene
Concen: 0.440 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.005 min
Lab File: BN026227.D
Acq: 03 Jul 2023 15:36

Tgt Ion:152 Resp: 46706
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.1 10.9 16.3





#11

Acenaphthene

Concen: 0.123 ng/ul

RT: 14.658 min Scan# 21

Delta R.T. -0.010 min

Lab File: BN026227.D

Acq: 03 Jul 2023 15:36

Instrument :

BNA_N

ClientSampleId :

DCGJ7

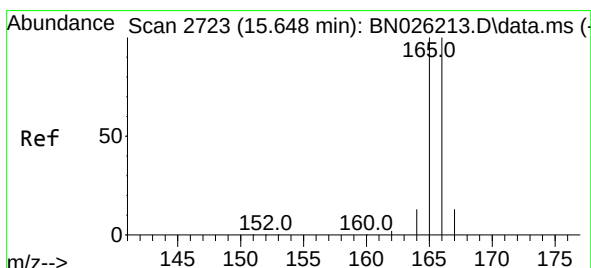
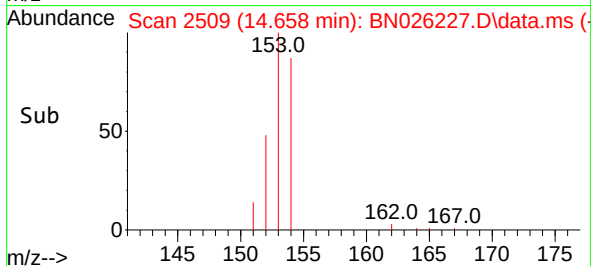
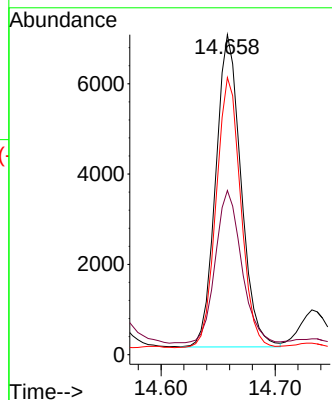
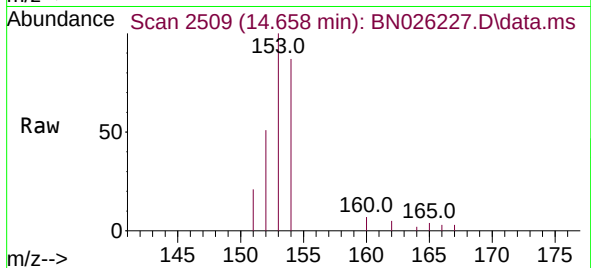
Tgt Ion:153 Resp: 10653

Ion Ratio Lower Upper

153 100

152 51.3 39.4 59.0

154 86.6 68.9 103.3



#12

Fluorene

Concen: 0.181 ng/ul

RT: 15.644 min Scan# 2722

Delta R.T. -0.010 min

Lab File: BN026227.D

Acq: 03 Jul 2023 15:36

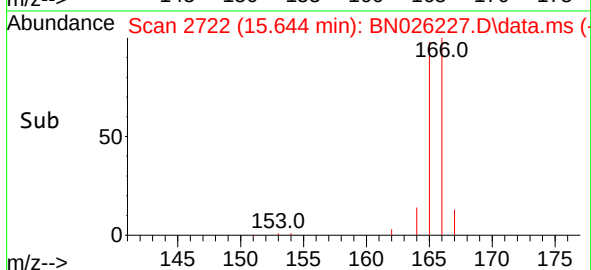
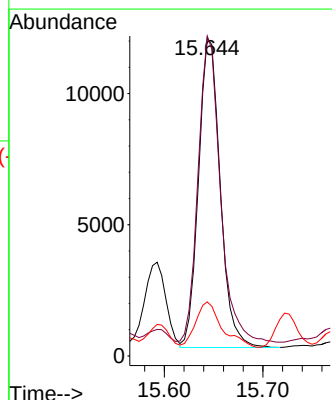
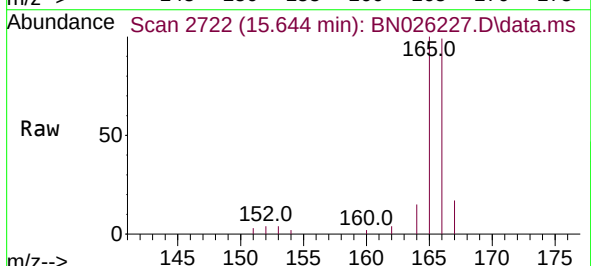
Tgt Ion:166 Resp: 18010

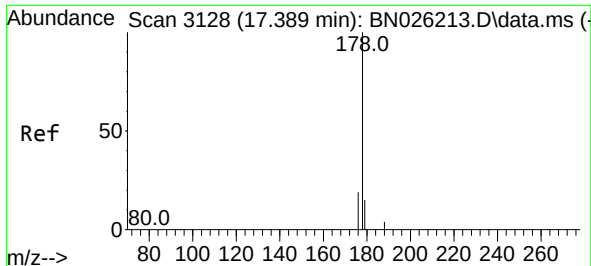
Ion Ratio Lower Upper

166 100

165 100.6 79.9 119.9

167 17.0 10.8 16.2#

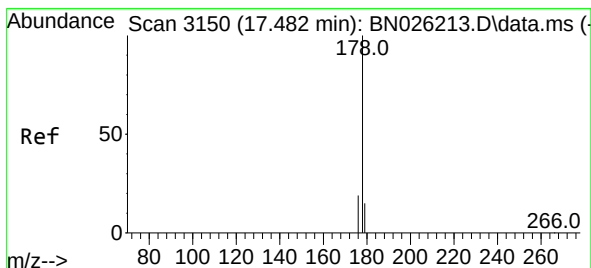
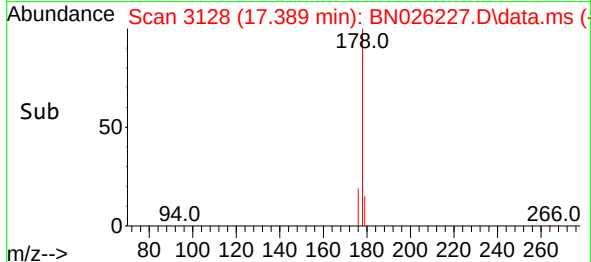
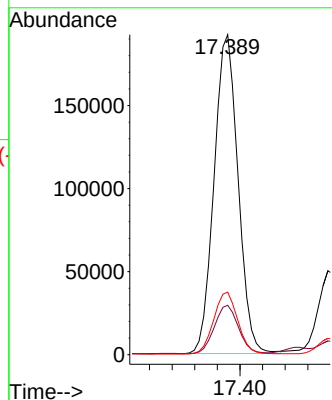
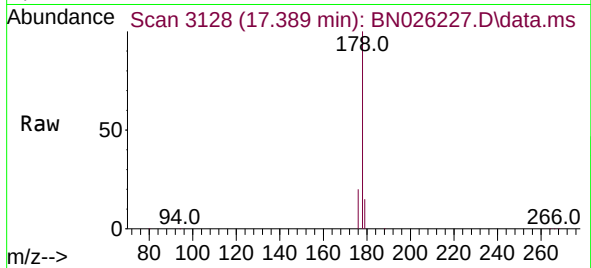




#15
Phenanthrene
Concen: 1.760 ng/ul
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026227.D
Acq: 03 Jul 2023 15:36

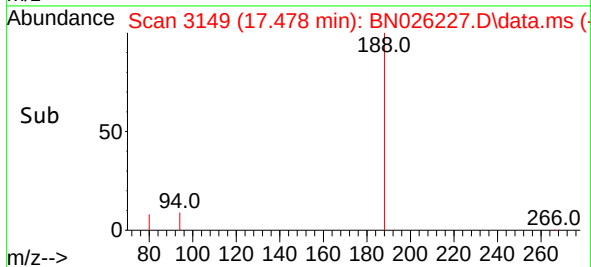
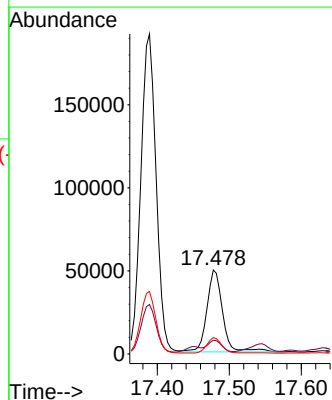
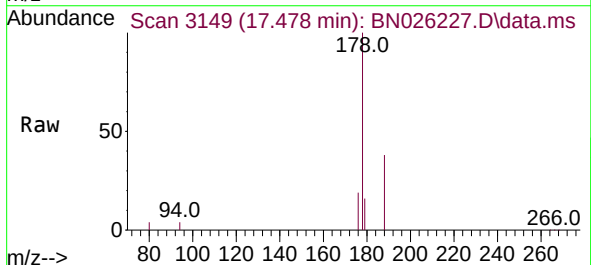
Instrument :
BNA_N
ClientSampleId :
DCGJ7

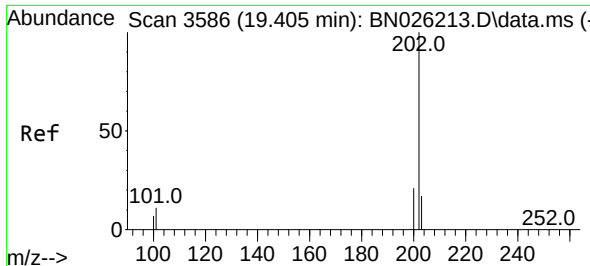
Tgt Ion:178 Resp: 282980
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.526 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026227.D
Acq: 03 Jul 2023 15:36

Tgt Ion:178 Resp: 75198
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 19.4 15.1 22.7

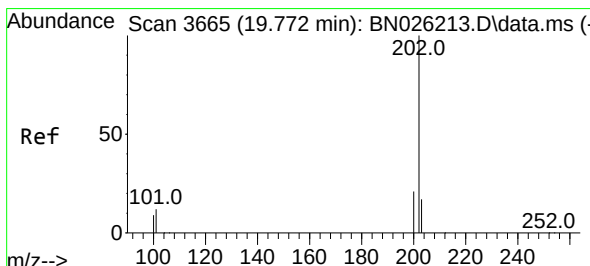
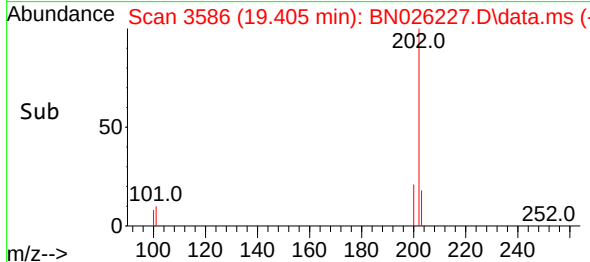
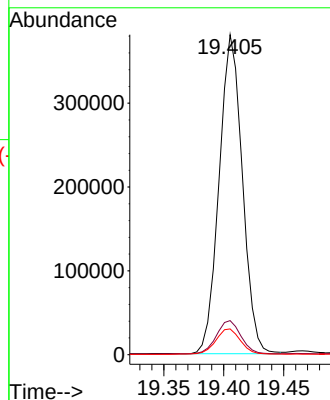
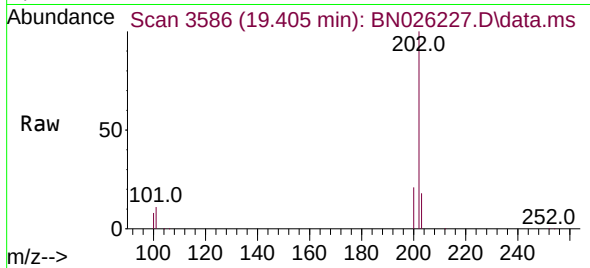




#19
Fluoranthene
Concen: 3.775 ng/u1
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026227.D
Acq: 03 Jul 2023 15:36

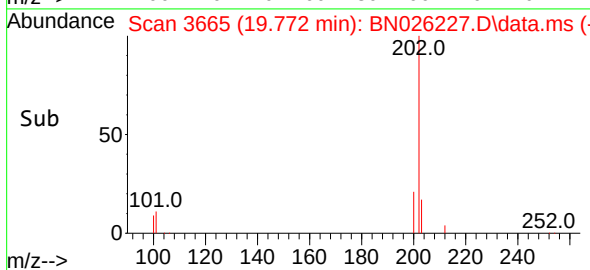
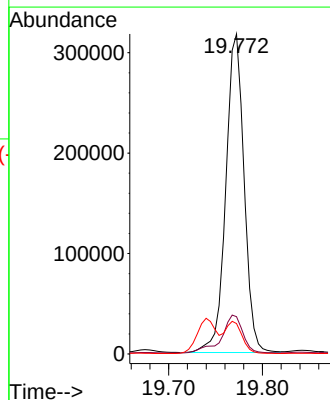
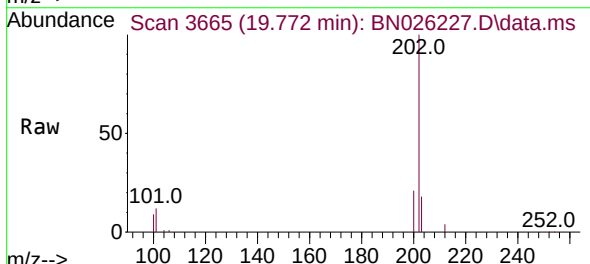
Instrument :
BNA_N
ClientSampleId :
DCGJ7

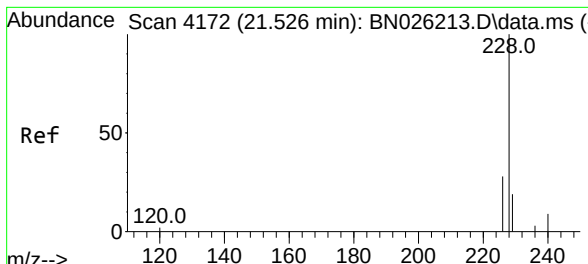
Tgt Ion:202 Resp: 514601
Ion Ratio Lower Upper
202 100
101 10.7 9.5 14.3
100 8.1 7.3 10.9



#20
Pyrene
Concen: 3.029 ng/u1
RT: 19.772 min Scan# 3665
Delta R.T. -0.001 min
Lab File: BN026227.D
Acq: 03 Jul 2023 15:36

Tgt Ion:202 Resp: 429441
Ion Ratio Lower Upper
202 100
101 11.6 11.4 17.0
100 9.5 9.1 13.7



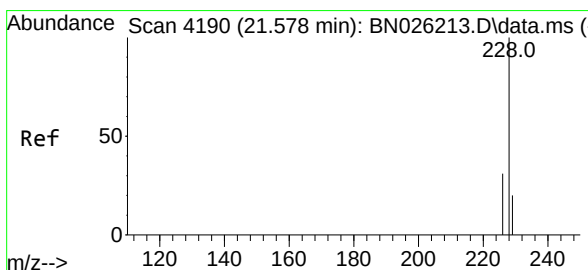
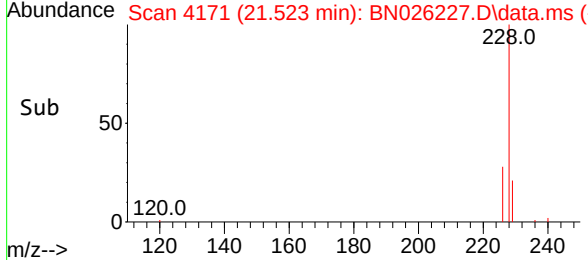
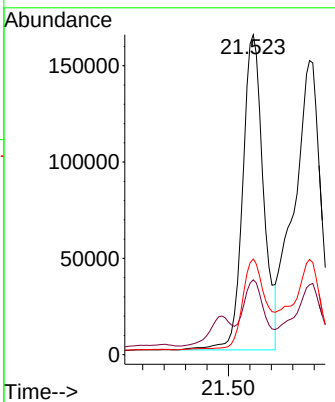
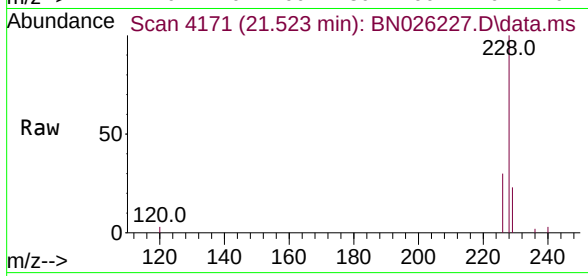


#21
Benzo(a)anthracene
Concen: 2.083 ng/ul
RT: 21.523 min Scan# 4171
Delta R.T. -0.004 min
Lab File: BN026227.D
Acq: 03 Jul 2023 15:36

Instrument :
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Tgt Ion:228 Resp: 219284

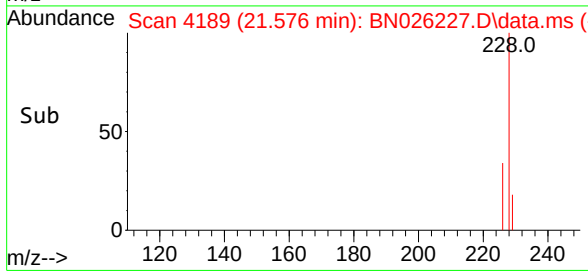
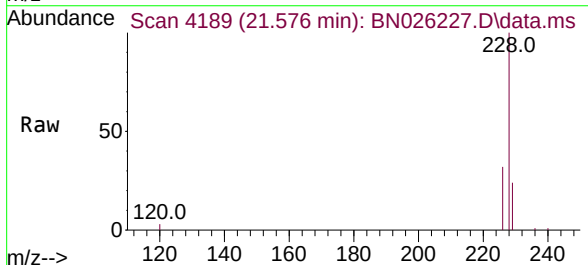
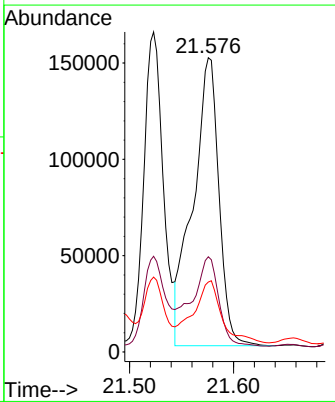
Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.8	23.6
226	29.9	22.5	33.7

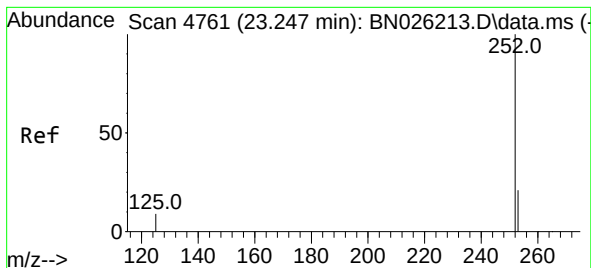


#22
Chrysene
Concen: 2.364 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026227.D
Acq: 03 Jul 2023 15:36

Tgt Ion:228 Resp: 258921

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.8	37.2
229	23.7	15.7	23.5





#24

Benzo(b)fluoranthene

Concen: 4.715 ng/ul

RT: 23.259 min Scan# 41

Delta R.T. 0.017 min

Lab File: BN026227.D

Acq: 03 Jul 2023 15:36

Instrument :

BNA_N

ClientSampleId :

DCGJ7

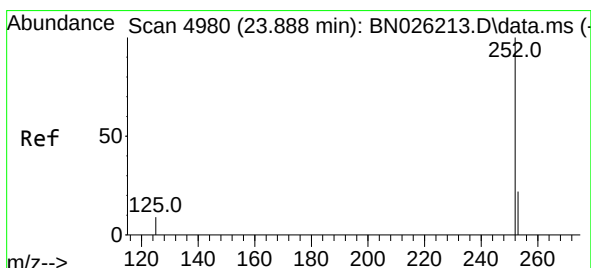
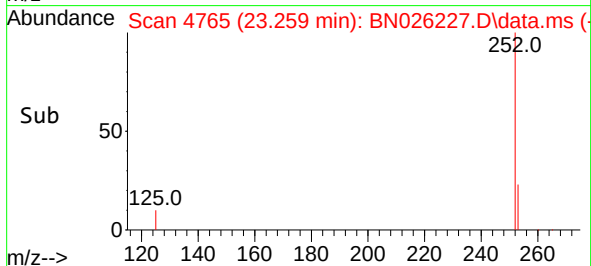
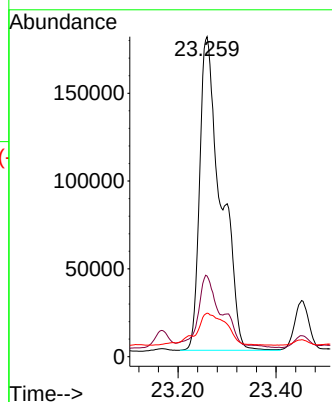
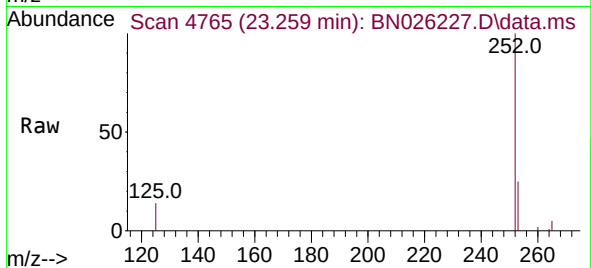
Tgt Ion:252 Resp: 540736

Ion Ratio Lower Upper

252 100

253 25.2 0.0 55.6

125 13.6 0.0 35.8



#26

Benzo(a)pyrene

Concen: 2.332 ng/ul

RT: 23.908 min Scan# 4987

Delta R.T. 0.023 min

Lab File: BN026227.D

Acq: 03 Jul 2023 15:36

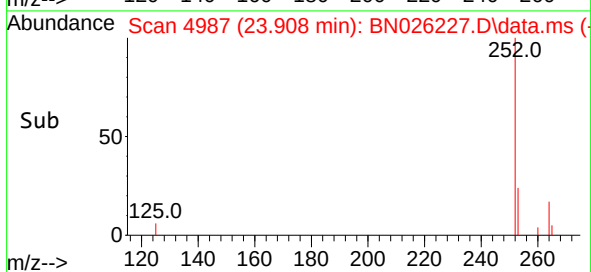
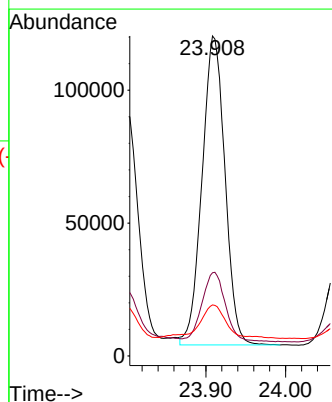
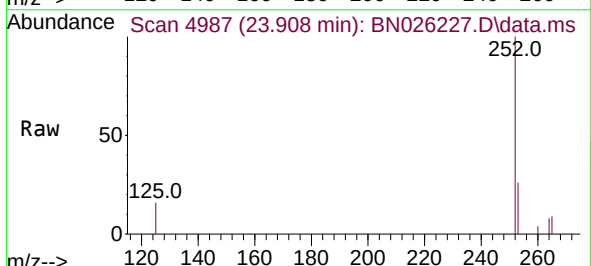
Tgt Ion:252 Resp: 232253

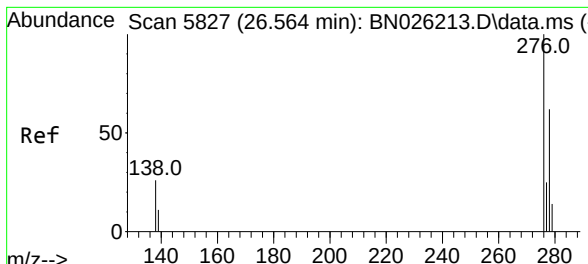
Ion Ratio Lower Upper

252 100

253 26.0 26.0 39.0

125 15.9 17.3 25.9#



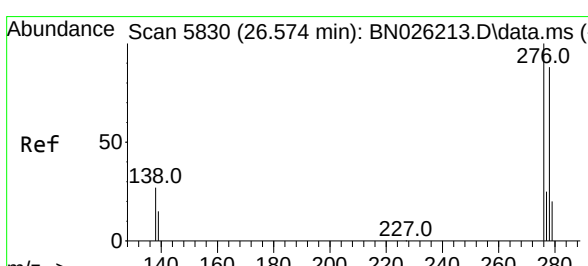
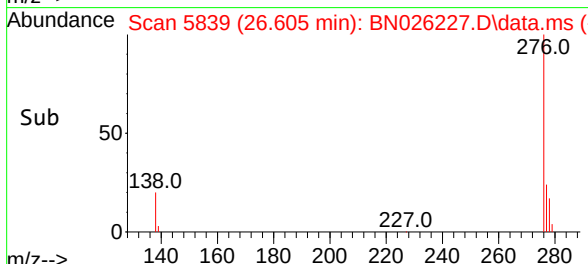
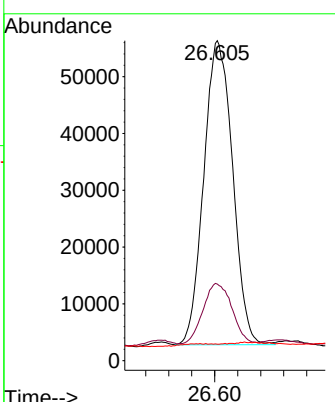
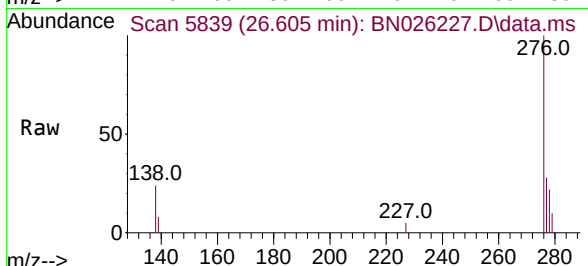


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.711 ng/ul
 RT: 26.605 min Scan# 5839
 Delta R.T. 0.046 min
 Lab File: BN026227.D
 Acq: 03 Jul 2023 15:36

Instrument : BNA_N
 ClientSampleId : DCGJ7

Tgt Ion: 276 Resp: 186203

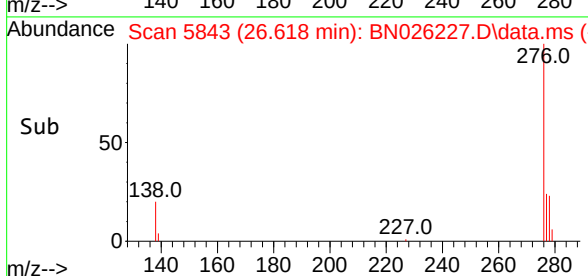
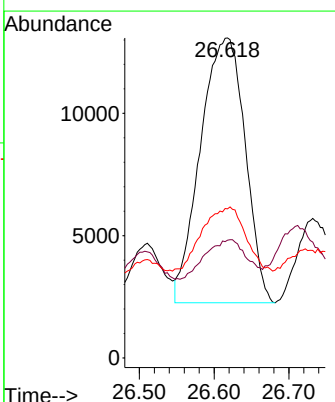
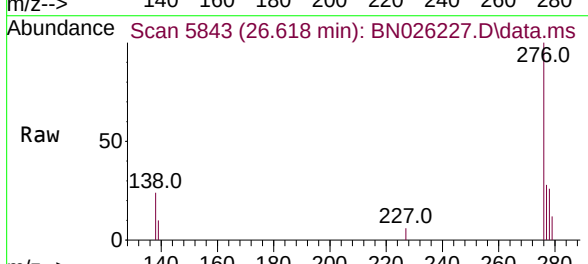
Ion	Ratio	Lower	Upper
276	100		
138	20.3	24.5	36.7#
227	1.3	0.0	0.0#

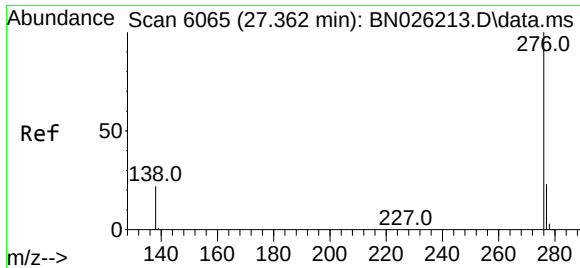


#28
 Dibenzo(a,h)anthracene
 Concen: 0.547 ng/ul
 RT: 26.618 min Scan# 5843
 Delta R.T. 0.040 min
 Lab File: BN026227.D
 Acq: 03 Jul 2023 15:36

Tgt Ion: 278 Resp: 45008

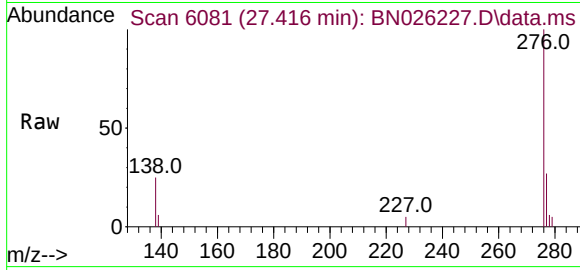
Ion	Ratio	Lower	Upper
278	100		
139	36.8	19.0	28.4#
279	46.6	26.7	40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 1.891 ng/ul
 RT: 27.416 min Scan# 6081
 Delta R.T. 0.070 min
 Lab File: BN026227.D
 Acq: 03 Jul 2023 15:36

Instrument :
 BNA_N
 ClientSampleId :
 DCGJ7



Tgt Ion:276 Resp: 183057
 Ion Ratio Lower Upper
 276 100
 138 25.4 23.4 35.0
 277 26.9 20.0 30.0

