

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026219.D
 Acq On : 03 Jul 2023 10:39
 Operator : MA/JU
 Sample : 03244-22
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 03 23:20:40 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)

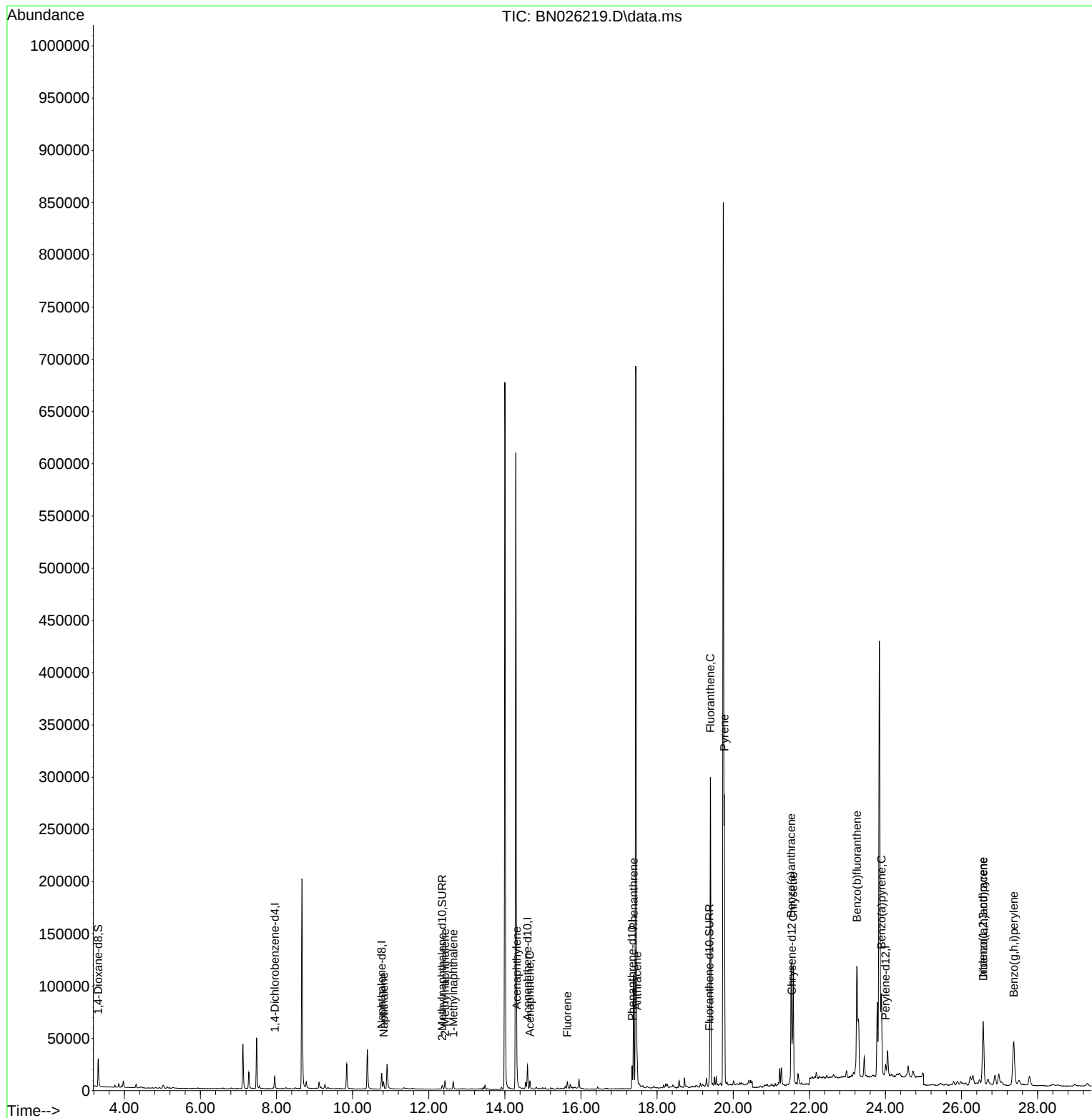
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	6881	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	21724	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.593	164	13047	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.342	188	25980	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	14108	0.400	ng/ul	# 0.00
23) Perylene-d12	24.005	264	14555	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	17821	2.300	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.354	152	5263	0.158	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	9919	0.185	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.814	128	10209	0.164	ng/ul	96
7) 2-Methylnaphthalene	12.425	142	6198	0.156	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	5321	0.130	ng/ul	100
10) Acenaphthylene	14.316	152	17920	0.293	ng/ul	98
11) Acenaphthene	14.658	153	4664	0.093	ng/ul	98
12) Fluorene	15.643	166	4489	0.078	ng/ul#	97
15) Phenanthrene	17.385	178	119810	1.396	ng/ul	100
16) Anthracene	17.478	178	25570	0.335	ng/ul	97
19) Fluoranthene	19.400	202	265148	3.519	ng/ul	99
20) Pyrene	19.768	202	232417	2.965	ng/ul	96
21) Benzo(a)anthracene	21.523	228	104208	1.791	ng/ul	96
22) Chrysene	21.575	228	127966	2.113	ng/ul	97
24) Benzo(b)fluoranthene	23.250	252	253057	4.073	ng/ul	93
26) Benzo(a)pyrene	23.894	252	120794	2.239	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.567	276	101309	1.719	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.574	278	24501	0.549	ng/ul#	94
29) Benzo(g,h,i)perylene	27.372	276	104751	1.998	ng/ul	96

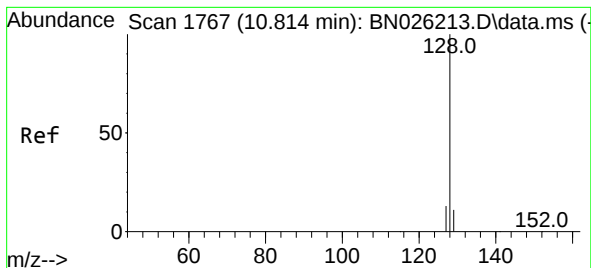
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.164 ng/ul

RT: 10.814 min Scan# 1767

Delta R.T. -0.011 min

Lab File: BN026219.D

Acq: 03 Jul 2023 10:39

Instrument :

BNA_N

ClientSampleId :

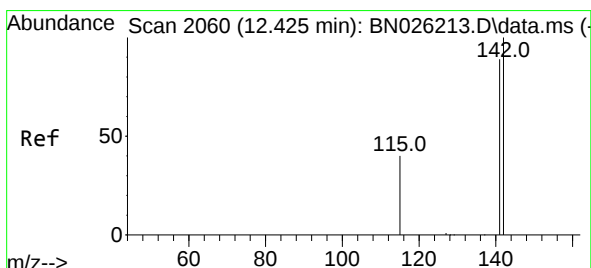
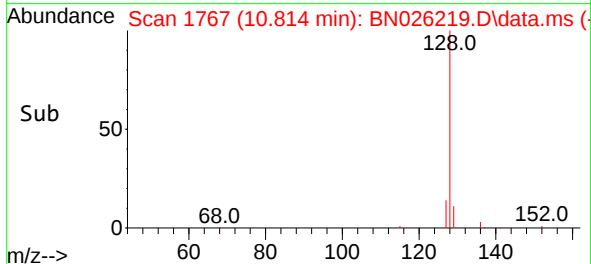
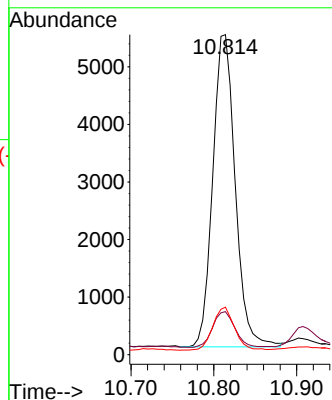
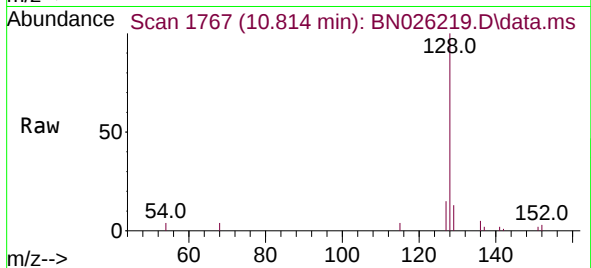
Tgt Ion:128 Resp: 10209

Ion Ratio Lower Upper

128 100

129 13.5 9.1 13.7

127 14.9 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.156 ng/ul

RT: 12.425 min Scan# 2060

Delta R.T. -0.011 min

Lab File: BN026219.D

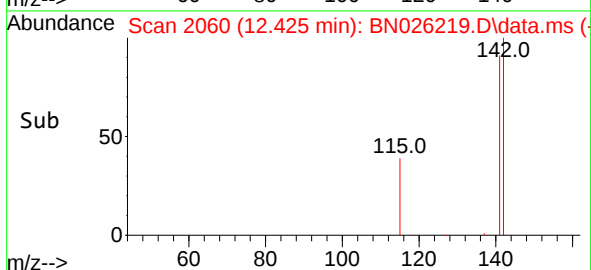
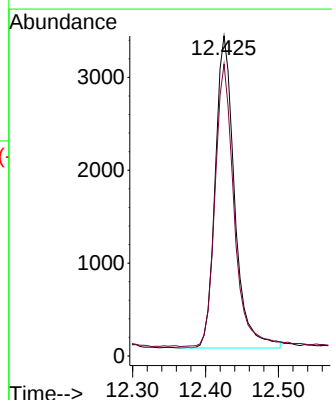
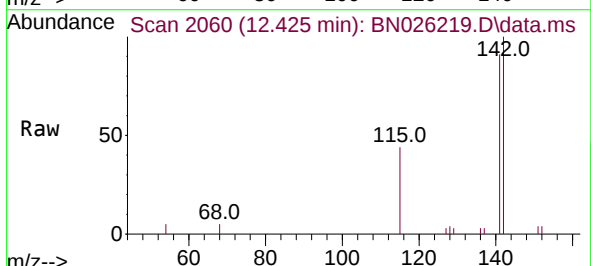
Acq: 03 Jul 2023 10:39

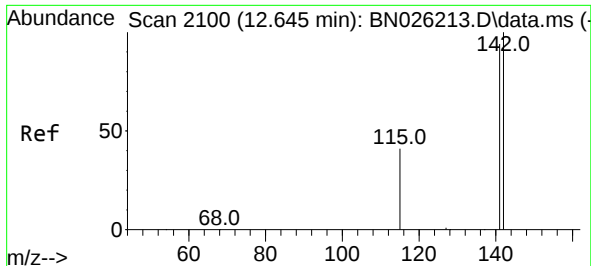
Tgt Ion:142 Resp: 6198

Ion Ratio Lower Upper

142 100

141 88.8 71.9 107.9

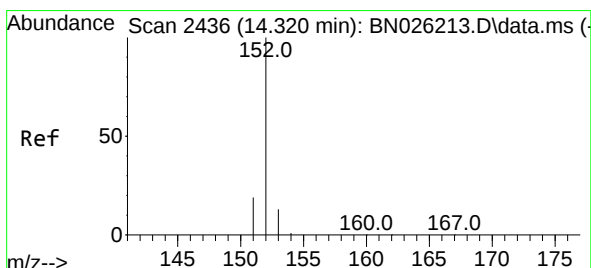
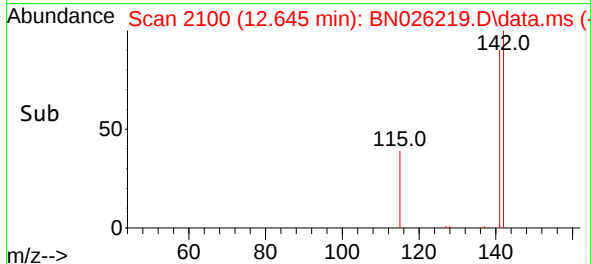
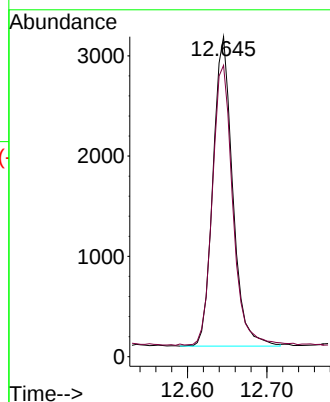
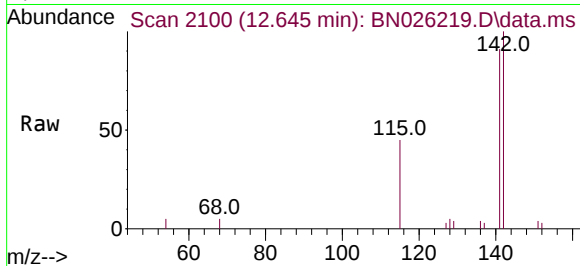




#8
1-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026219.D
Acq: 03 Jul 2023 10:39

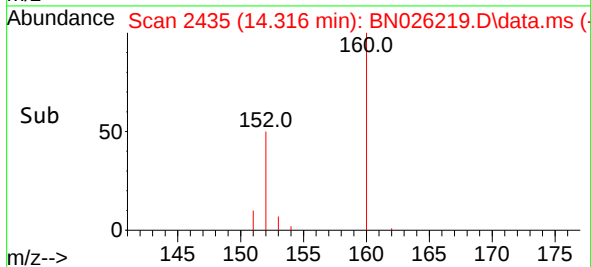
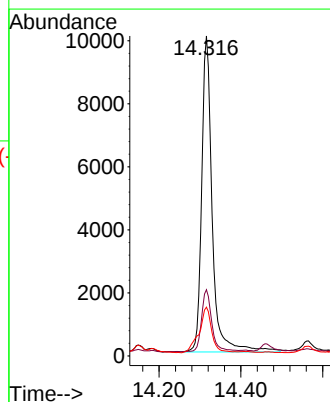
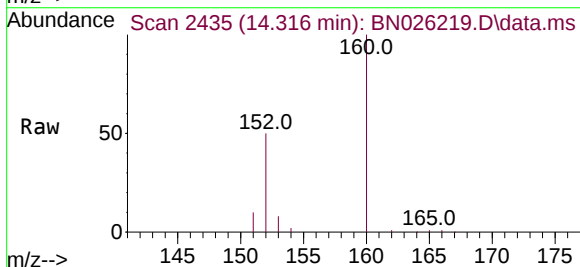
Instrument :
BNA_N
ClientSampleId :

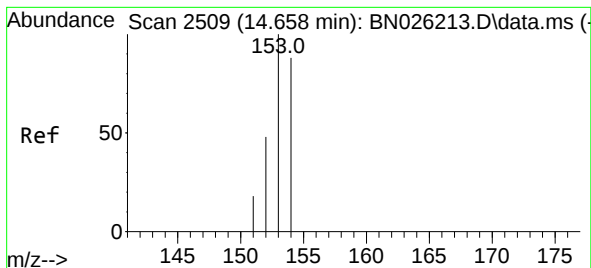
Tgt Ion:142 Resp: 5321
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4



#10
Acenaphthylene
Concen: 0.293 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026219.D
Acq: 03 Jul 2023 10:39

Tgt Ion:152 Resp: 17920
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 15.2 10.9 16.3





#11

Acenaphthene

Concen: 0.093 ng/u1

RT: 14.658 min Scan# 2509

Delta R.T. -0.010 min

Lab File: BN026219.D

Acq: 03 Jul 2023 10:39

Instrument :

BNA_N

ClientSampleId :

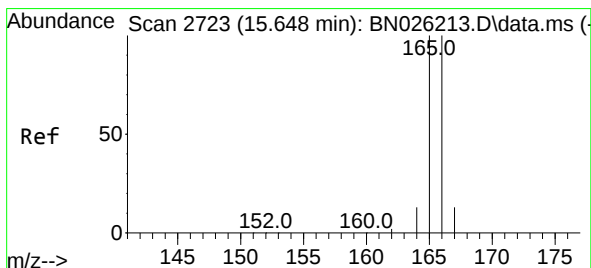
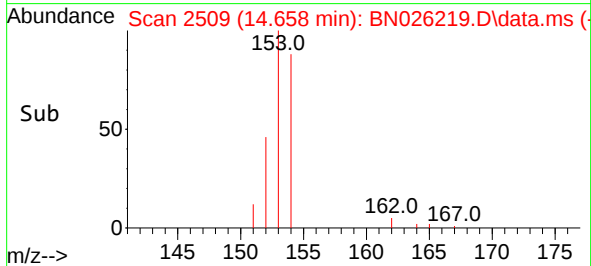
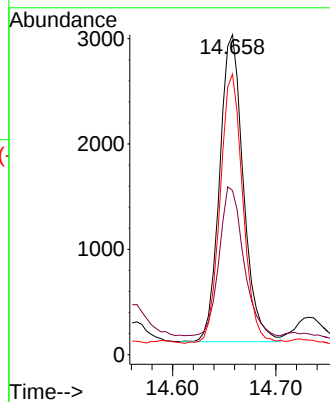
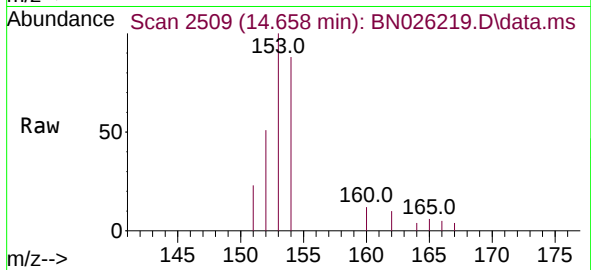
Tgt Ion:153 Resp: 4664

Ion Ratio Lower Upper

153 100

152 51.3 39.4 59.0

154 87.7 68.9 103.3



#12

Fluorene

Concen: 0.078 ng/u1

RT: 15.643 min Scan# 2722

Delta R.T. -0.010 min

Lab File: BN026219.D

Acq: 03 Jul 2023 10:39

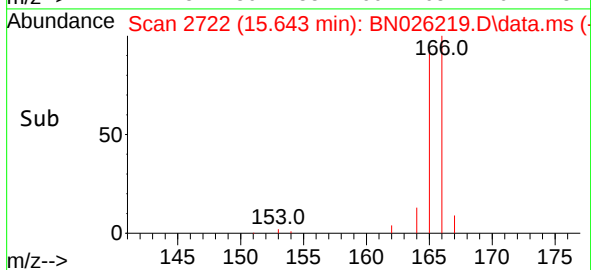
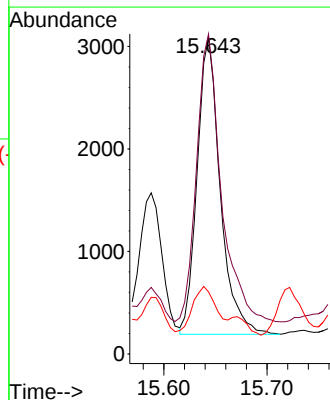
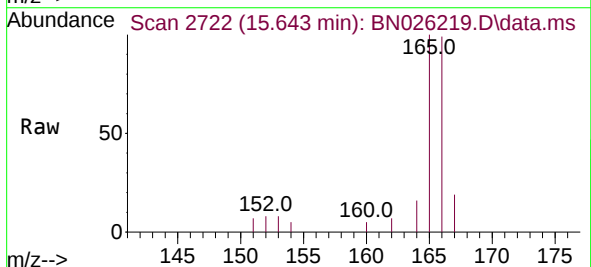
Tgt Ion:166 Resp: 4489

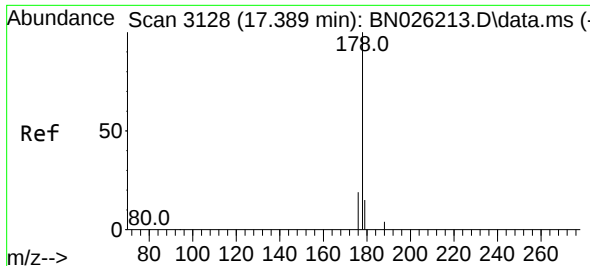
Ion Ratio Lower Upper

166 100

165 101.0 79.9 119.9

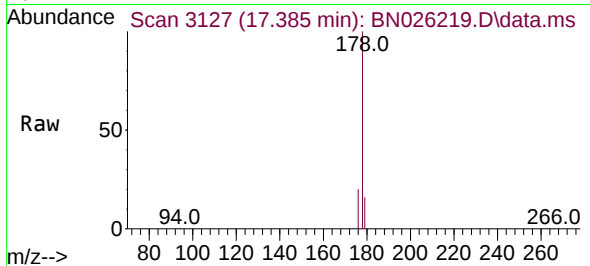
167 19.6 10.8 16.2#



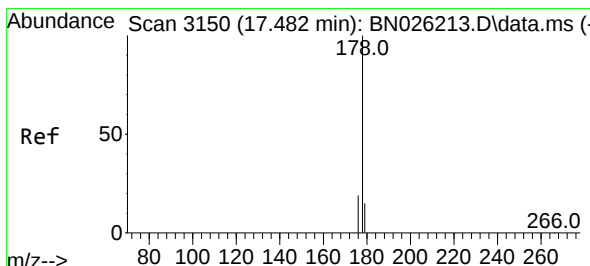
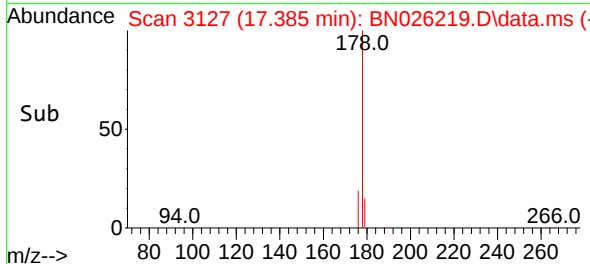
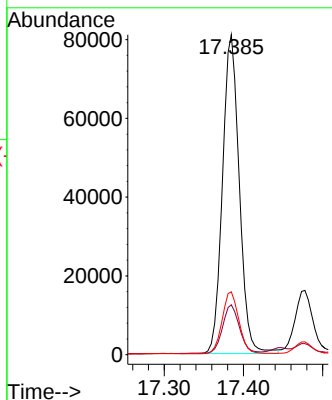


#15
Phenanthrene
Concen: 1.396 ng/ul
RT: 17.385 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026219.D
Acq: 03 Jul 2023 10:39

Instrument :
BNA_N
ClientSampleId :

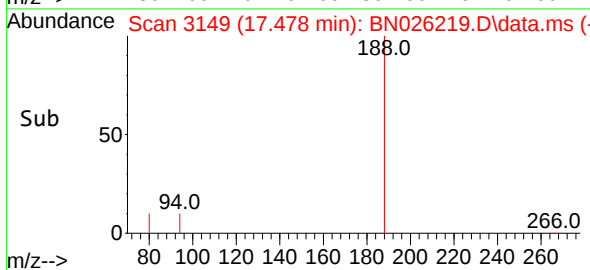
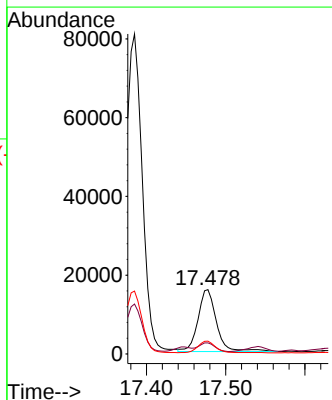
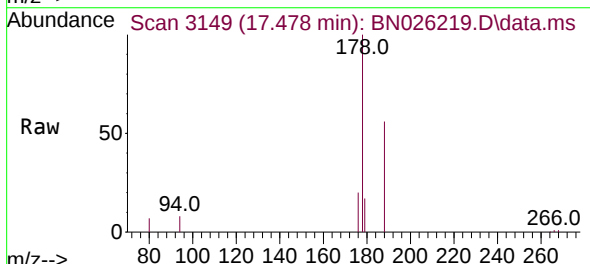


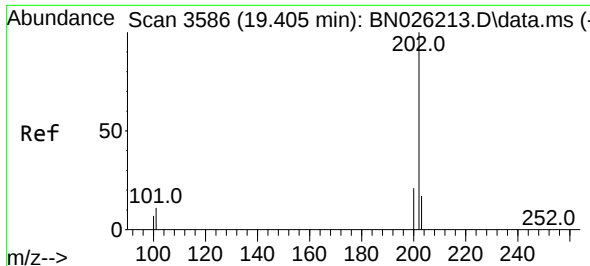
Tgt Ion:178 Resp: 119810
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.335 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026219.D
Acq: 03 Jul 2023 10:39

Tgt Ion:178 Resp: 25570
Ion Ratio Lower Upper
178 100
179 17.2 12.6 18.8
176 19.8 15.1 22.7

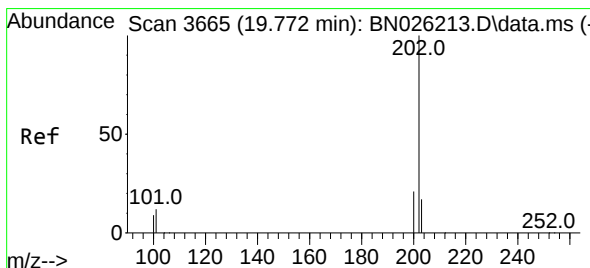
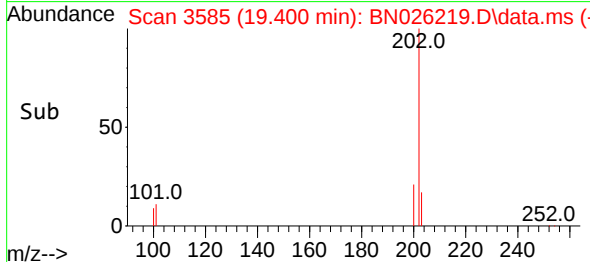
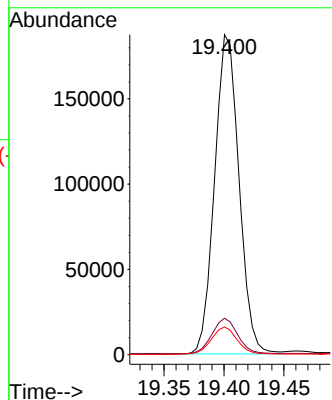
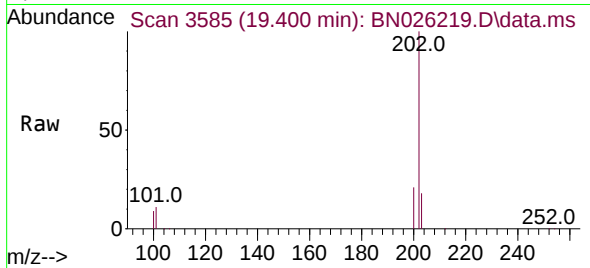




#19
Fluoranthene
Concen: 3.519 ng/u1
RT: 19.400 min Scan# 3585
Delta R.T. -0.010 min
Lab File: BN026219.D
Acq: 03 Jul 2023 10:39

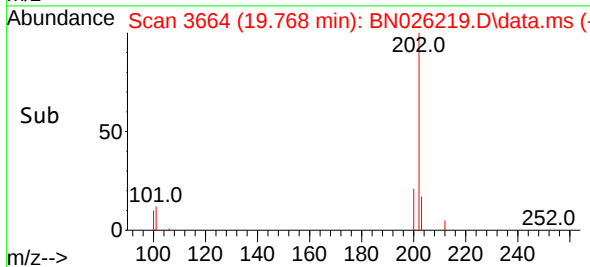
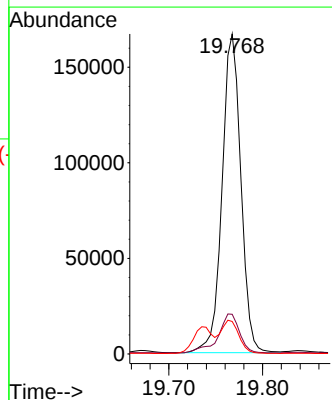
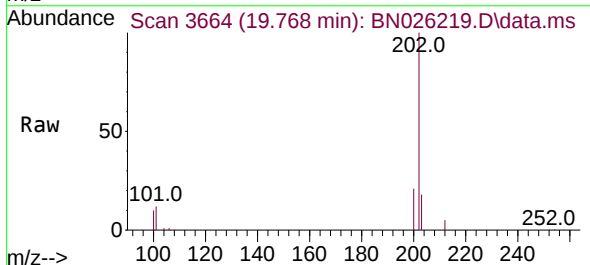
Instrument :
BNA_N
ClientSampleId :

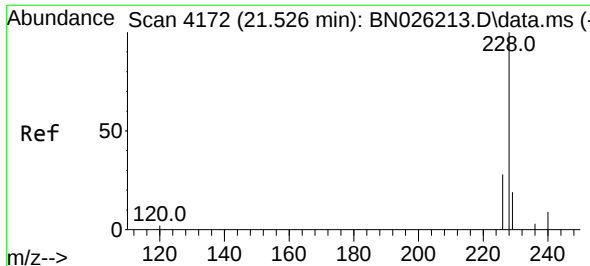
Tgt Ion:202 Resp: 265148
Ion Ratio Lower Upper
202 100
101 11.4 9.5 14.3
100 8.7 7.3 10.9



#20
Pyrene
Concen: 2.965 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026219.D
Acq: 03 Jul 2023 10:39

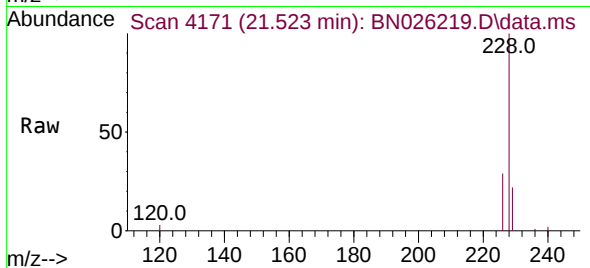
Tgt Ion:202 Resp: 232417
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 10.2 9.1 13.7



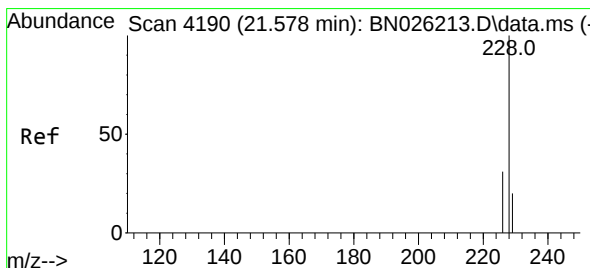
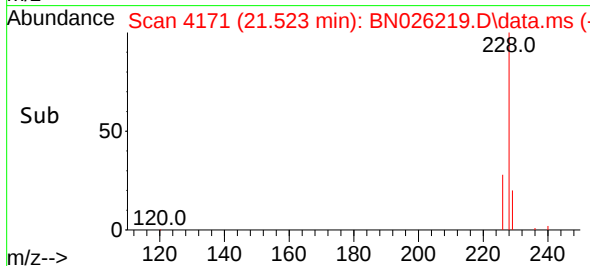
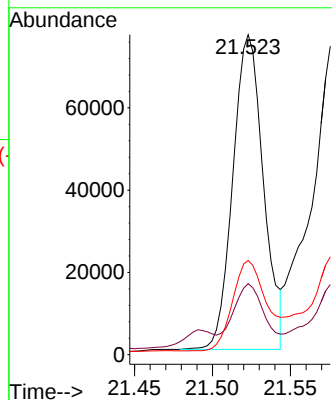


#21
Benzo(a)anthracene
Concen: 1.791 ng/ul
RT: 21.523 min Scan# 4171
Delta R.T. -0.004 min
Lab File: BN026219.D
Acq: 03 Jul 2023 10:39

Instrument :
BNA_N
ClientSampleId :

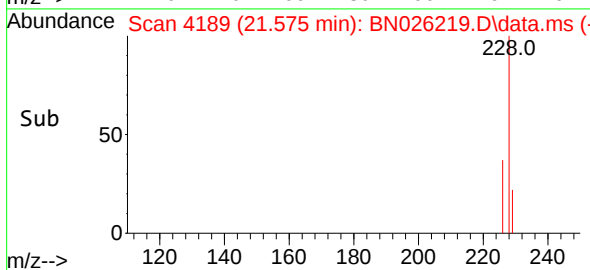
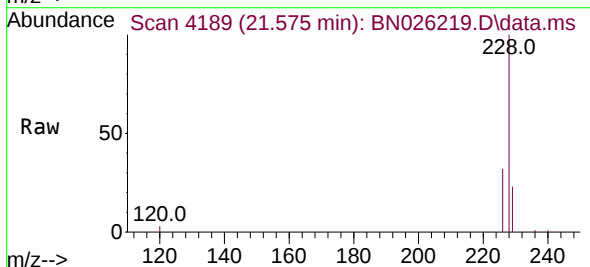
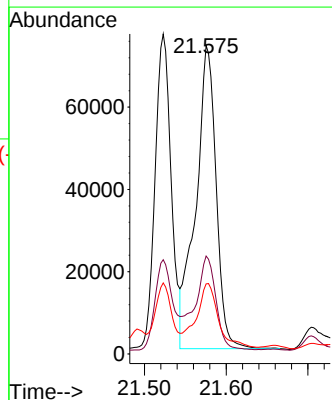


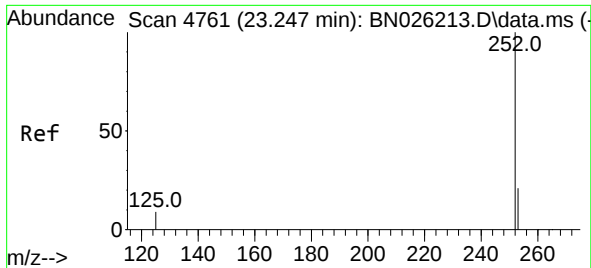
Tgt Ion:228 Resp: 104208
Ion Ratio Lower Upper
228 100
229 22.2 15.8 23.6
226 29.5 22.5 33.7



#22
Chrysene
Concen: 2.113 ng/ul
RT: 21.575 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026219.D
Acq: 03 Jul 2023 10:39

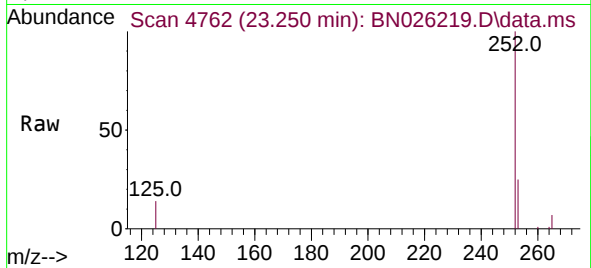
Tgt Ion:228 Resp: 127966
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 22.7 15.7 23.5



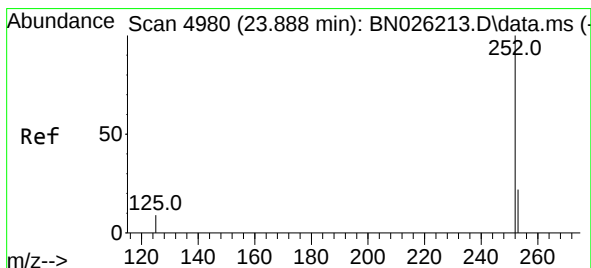
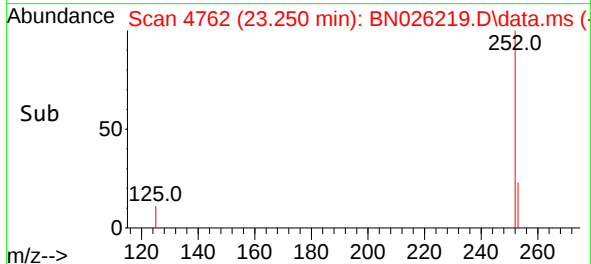
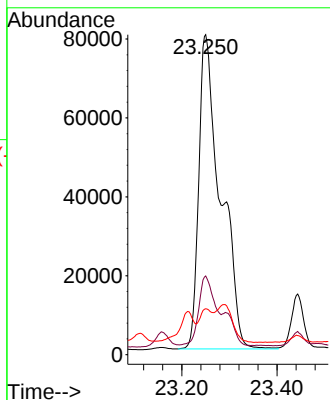


#24
Benzo(b)fluoranthene
Concen: 4.073 ng/u1
RT: 23.250 min Scan# 4761
Delta R.T. 0.008 min
Lab File: BN026219.D
Acq: 03 Jul 2023 10:39

Instrument :
BNA_N
ClientSampleId :

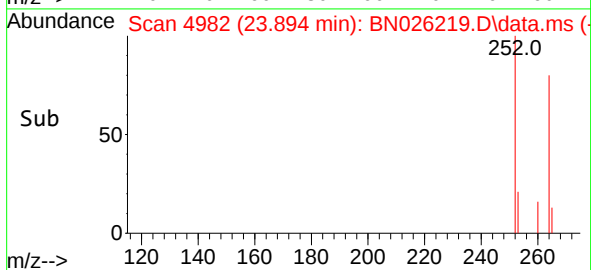
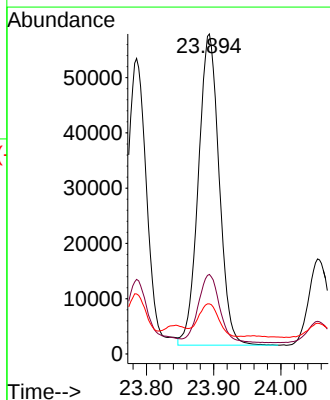
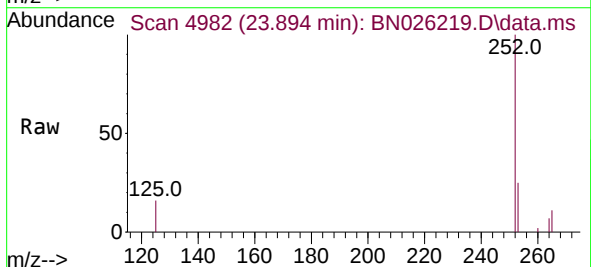


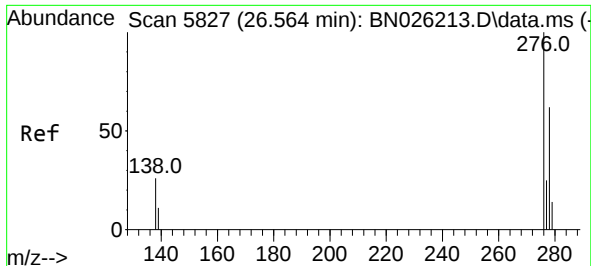
Tgt Ion:252 Resp: 253057
Ion Ratio Lower Upper
252 100
253 24.6 0.0 55.6
125 14.3 0.0 35.8



#26
Benzo(a)pyrene
Concen: 2.239 ng/u1
RT: 23.894 min Scan# 4982
Delta R.T. 0.008 min
Lab File: BN026219.D
Acq: 03 Jul 2023 10:39

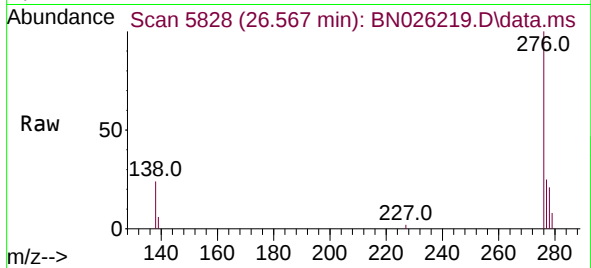
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Ion Ratio Lower Upper
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253 24.9 26.0 39.0#
125 15.6 17.3 25.9#



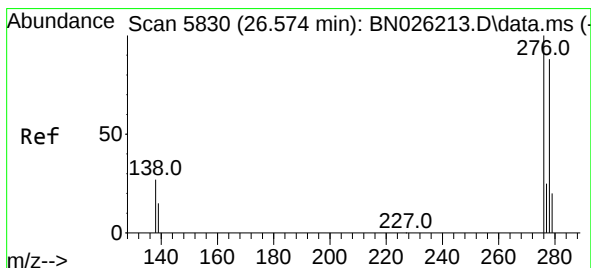
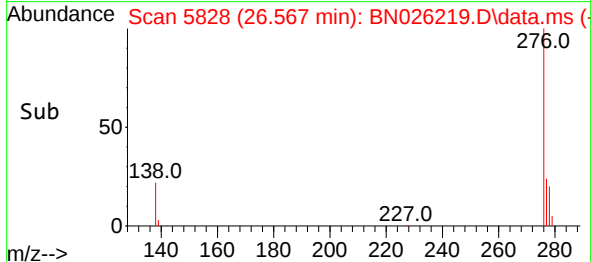
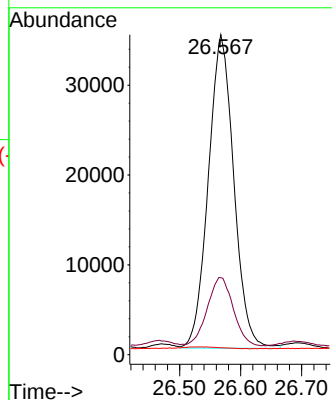


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.719 ng/ul
 RT: 26.567 min Scan# 5827
 Delta R.T. 0.009 min
 Lab File: BN026219.D
 Acq: 03 Jul 2023 10:39

Instrument :
 BNA_N
 ClientSampleId :

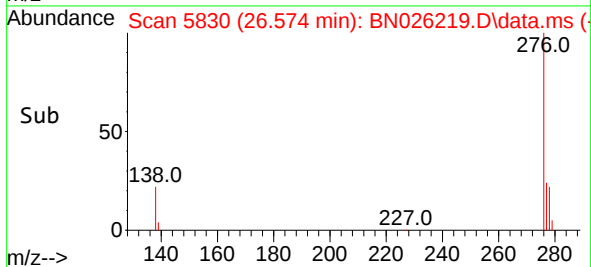
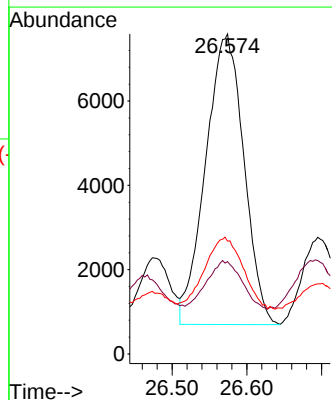
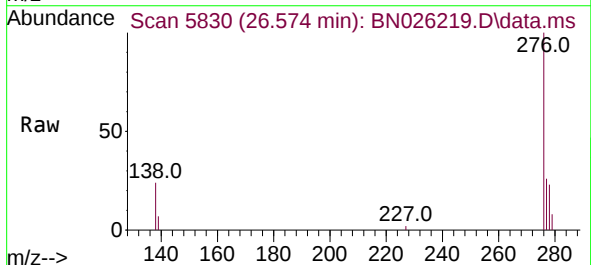


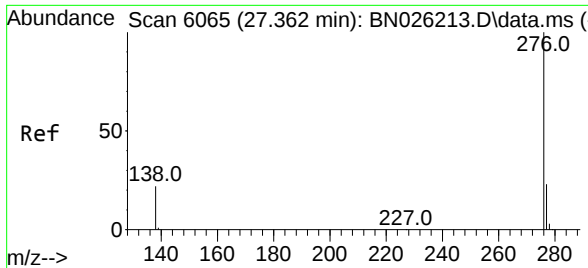
Tgt Ion:276 Resp: 101309
 Ion Ratio Lower Upper
 276 100
 138 22.2 24.5 36.7#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.549 ng/ul
 RT: 26.574 min Scan# 5830
 Delta R.T. -0.004 min
 Lab File: BN026219.D
 Acq: 03 Jul 2023 10:39

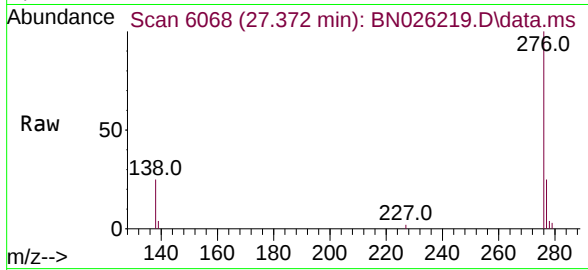
Tgt Ion:278 Resp: 24501
 Ion Ratio Lower Upper
 278 100
 139 28.8 19.0 28.4#
 279 35.2 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 1.998 ng/ul
 RT: 27.372 min Scan# 6068
 Delta R.T. 0.026 min
 Lab File: BN026219.D
 Acq: 03 Jul 2023 10:39

Instrument :
 BNA_N
 ClientSampleId :



Tgt Ion:276 Resp: 104751

Ion	Ratio	Lower	Upper
276	100		
138	25.3	23.4	35.0
277	24.8	20.0	30.0

