

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027001.D
 Acq On : 21 Aug 2023 20:54
 Operator : MA/JU
 Sample : 03967-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48M0

Quant Time: Aug 22 01:40:07 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

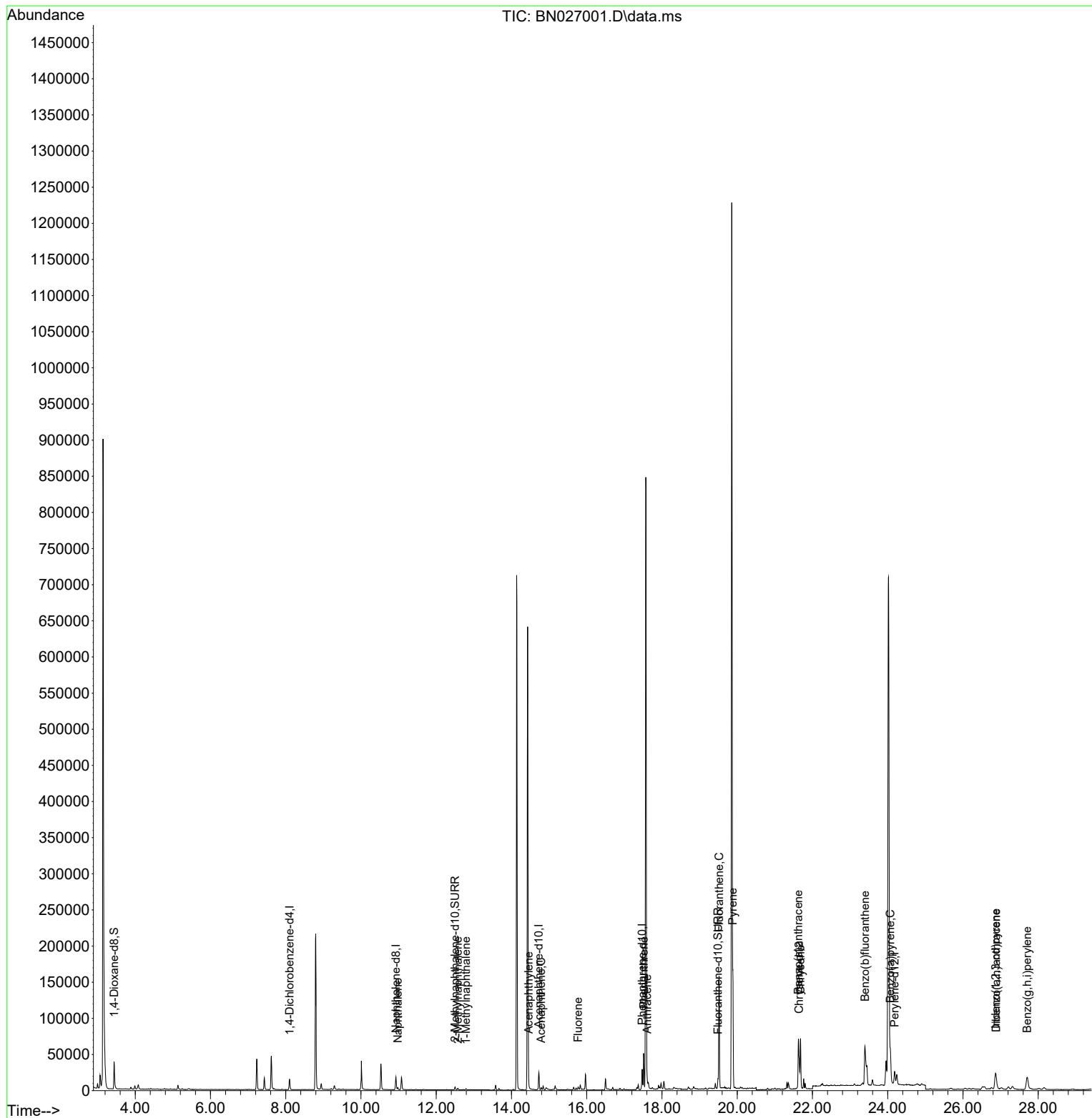
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	7328	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	23849	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	13371	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	33552	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	25535	0.400	ng/ul	0.00
23) Perylene-d12	24.185	264	26576	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	27237	3.131	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	5274	0.150	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	13345	0.166	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.977	128	3714	0.055	ng/ul#	92
7) 2-Methylnaphthalene	12.572	142	1427	0.035	ng/ul	98
8) 1-Methylnaphthalene	12.792	142	1025	0.024	ng/ul	98
10) Acenaphthylene	14.458	152	4824	0.064	ng/ul	94
11) Acenaphthene	14.791	153	1817	0.035	ng/ul	96
12) Fluorene	15.772	166	2356	0.040	ng/ul#	97
15) Phenanthrene	17.515	178	52045	0.472	ng/ul	100
16) Anthracene	17.608	178	9358	0.094	ng/ul	95
19) Fluoranthene	19.520	202	136384	1.286	ng/ul	100
20) Pyrene	19.882	202	125104	1.105	ng/ul	99
21) Benzo(a)anthracene	21.627	228	60480	0.596	ng/ul	98
22) Chrysene	21.682	228	74088	0.739	ng/ul	98
24) Benzo(b)fluoranthene	23.395	252	138989	1.383	ng/ul	95
26) Benzo(a)pyrene	24.068	252	63340	0.698	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.864	276	44147	0.372	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.884	278	10083	0.107	ng/ul#	75
29) Benzo(g,h,i)perylene	27.706	276	43782	0.443	ng/ul	98

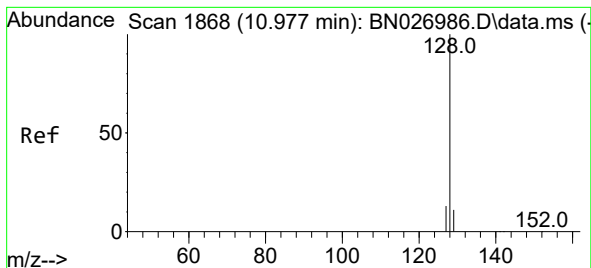
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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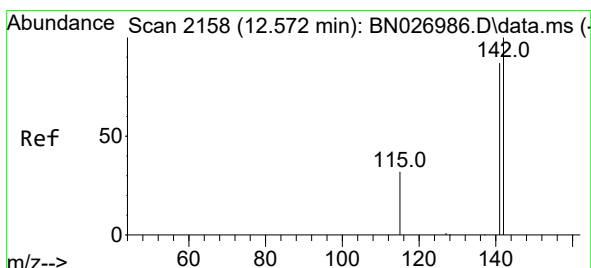
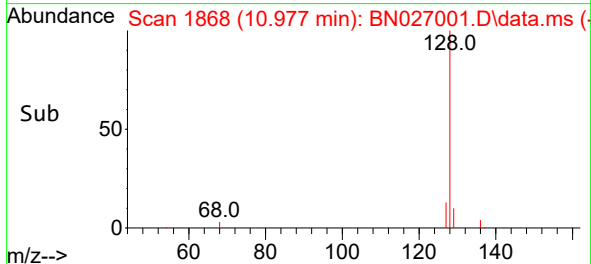
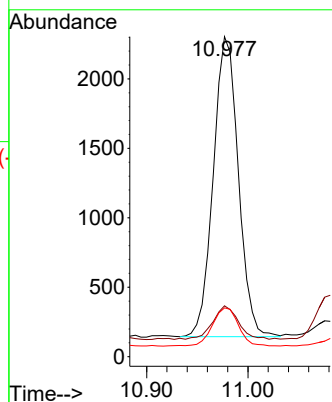
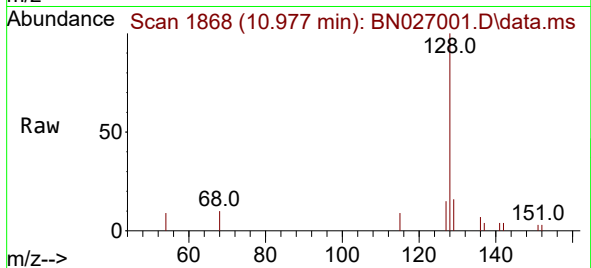




#5
Naphthalene
Concen: 0.055 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN027001.D
Acq: 21 Aug 2023 20:54

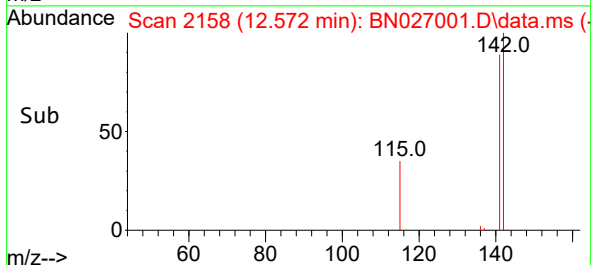
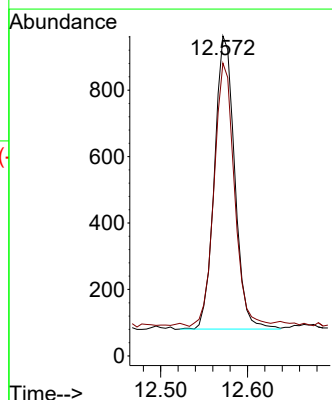
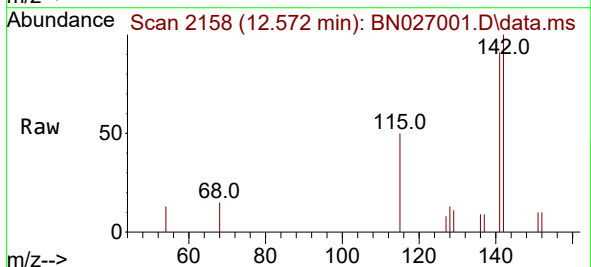
Instrument :
BNA_N
ClientSampleId :
A48M0

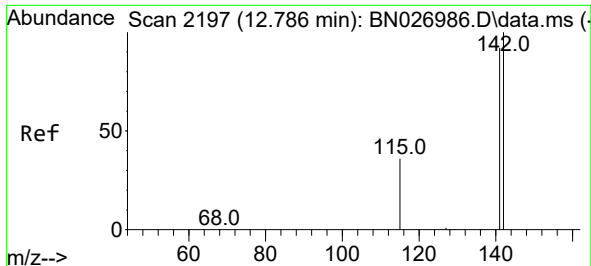
Tgt Ion:128 Resp: 3714
Ion Ratio Lower Upper
128 100
129 15.9 9.2 13.8#
127 15.3 10.5 15.7



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.572 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BN027001.D
Acq: 21 Aug 2023 20:54

Tgt Ion:142 Resp: 1427
Ion Ratio Lower Upper
142 100
141 90.3 70.9 106.3

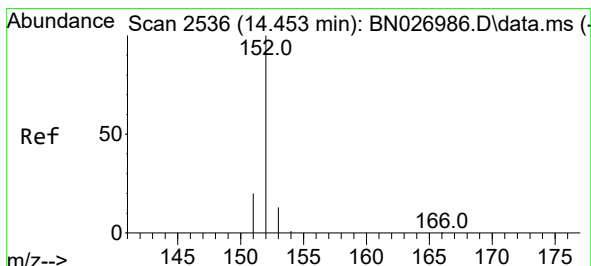
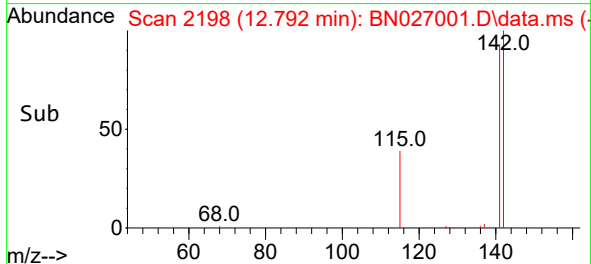
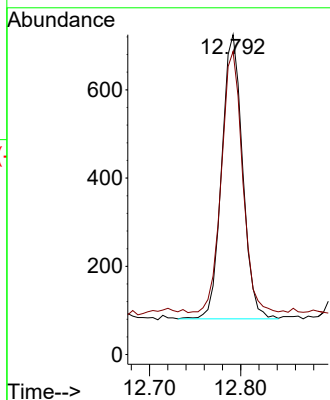
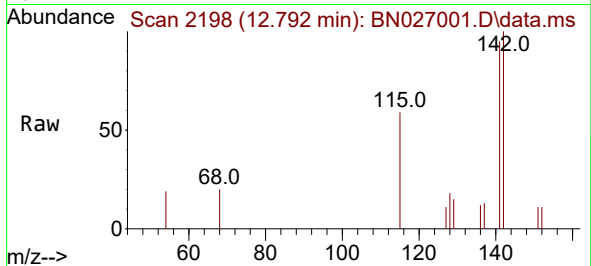




#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.792 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BN027001.D
Acq: 21 Aug 2023 20:54

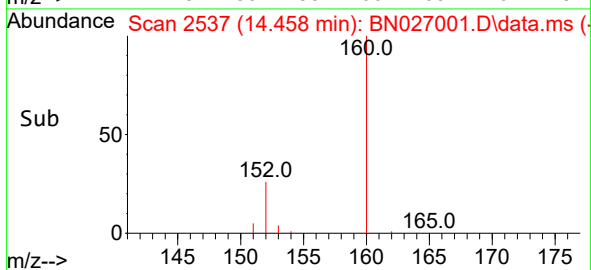
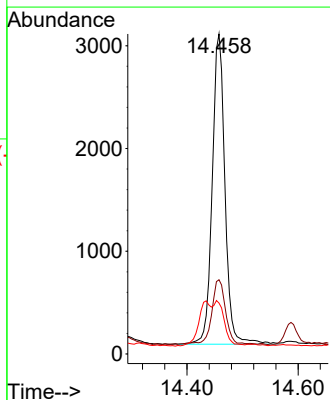
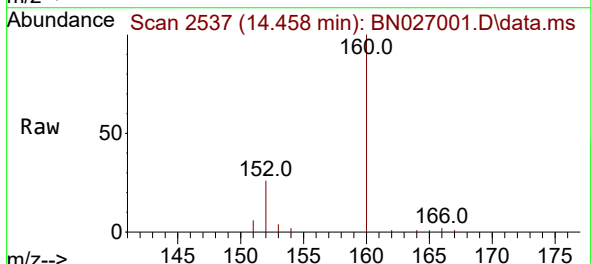
Instrument :
BNA_N
ClientSampleId :
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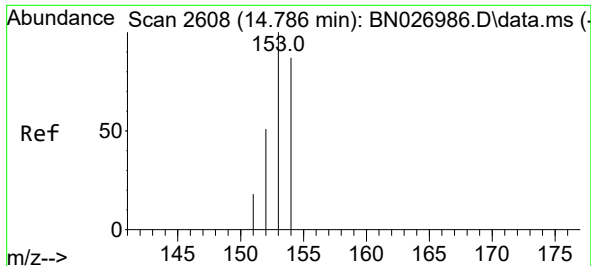
Tgt Ion:142 Resp: 1025
Ion Ratio Lower Upper
142 100
141 93.3 73.2 109.8



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN027001.D
Acq: 21 Aug 2023 20:54

Tgt Ion:152 Resp: 4824
Ion Ratio Lower Upper
152 100
151 23.2 15.9 23.9
153 15.9 11.0 16.6

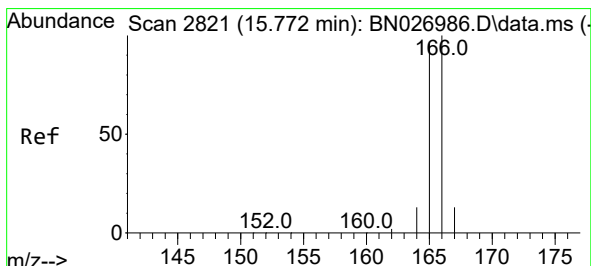
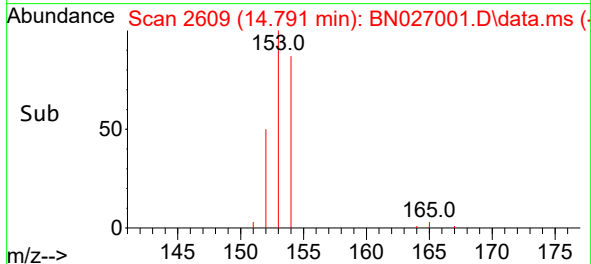
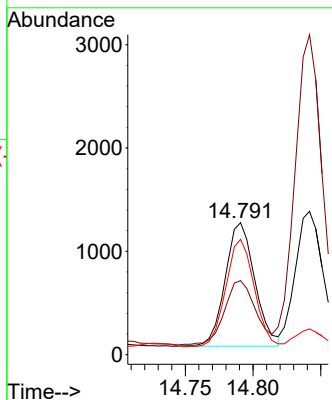
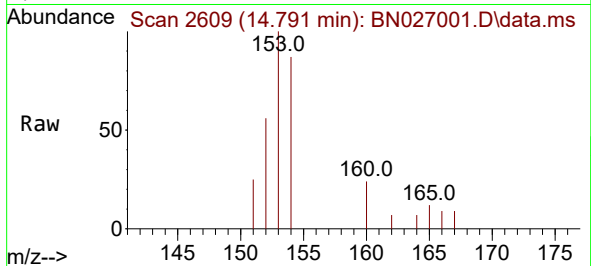




#11
Acenaphthene
Concen: 0.035 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN027001.D
Acq: 21 Aug 2023 20:54

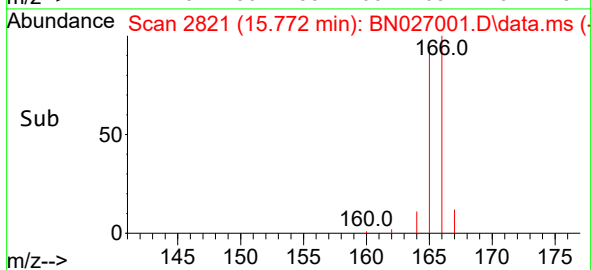
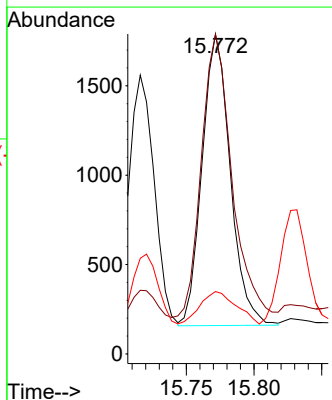
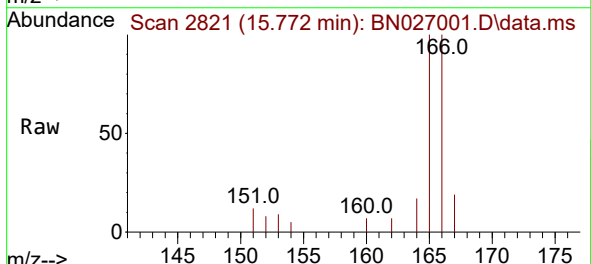
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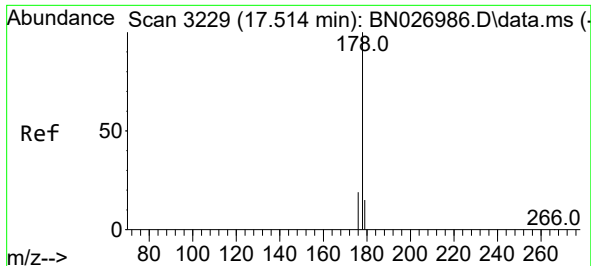
Tgt Ion:153 Resp: 1817
Ion Ratio Lower Upper
153 100
152 56.1 41.1 61.7
154 87.4 71.6 107.4



#12
Fluorene
Concen: 0.040 ng/ul
RT: 15.772 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BN027001.D
Acq: 21 Aug 2023 20:54

Tgt Ion:166 Resp: 2356
Ion Ratio Lower Upper
166 100
165 100.2 79.1 118.7
167 19.5 11.4 17.0#

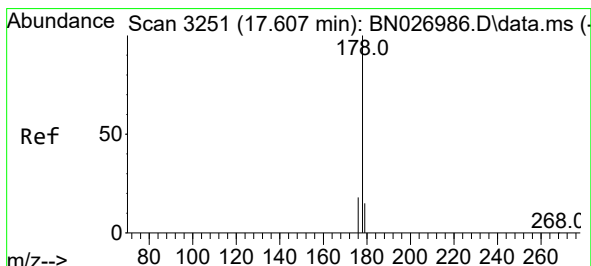
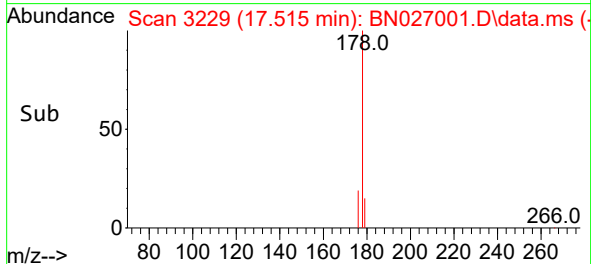
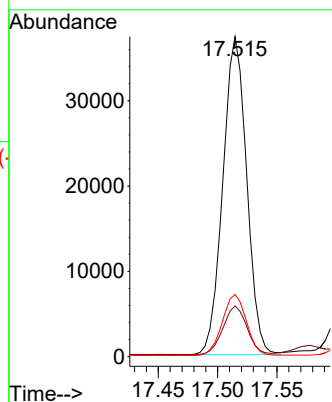
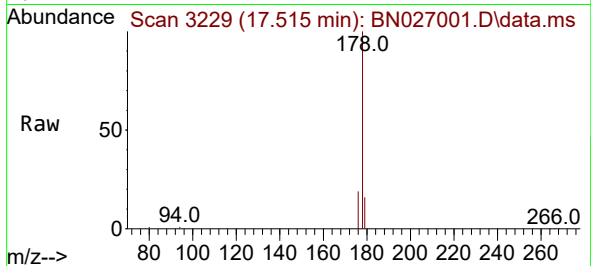




#15
Phenanthrene
Concen: 0.472 ng/ul
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027001.D
Acq: 21 Aug 2023 20:54

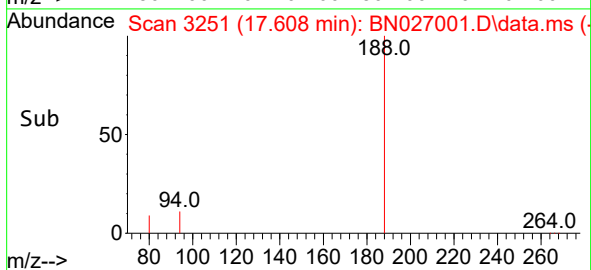
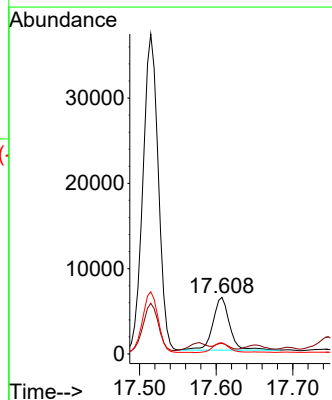
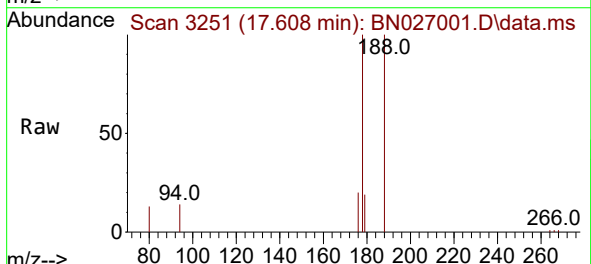
Instrument :
BNA_N
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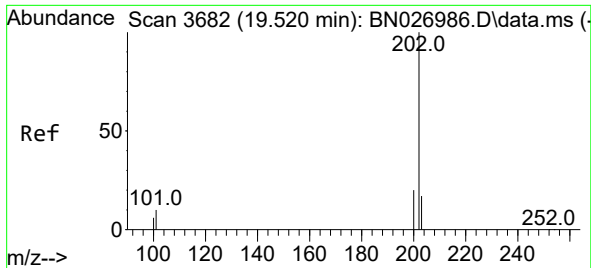
Tgt Ion:178 Resp: 52045
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 19.4 15.4 23.2



#16
Anthracene
Concen: 0.094 ng/ul
RT: 17.608 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN027001.D
Acq: 21 Aug 2023 20:54

Tgt Ion:178 Resp: 9358
Ion Ratio Lower Upper
178 100
179 18.8 12.6 19.0
176 19.9 15.0 22.6

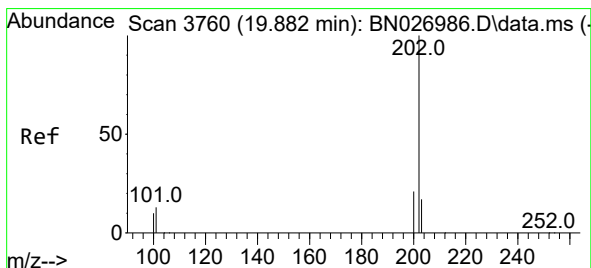
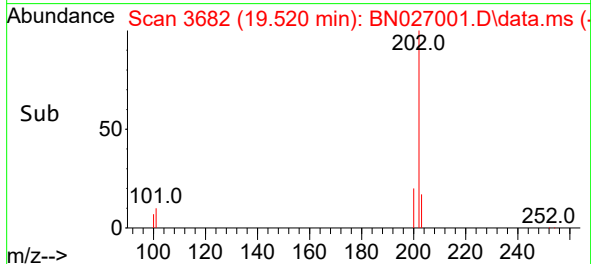
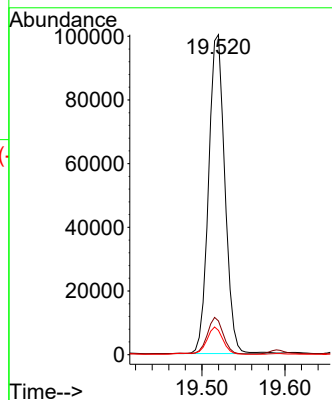
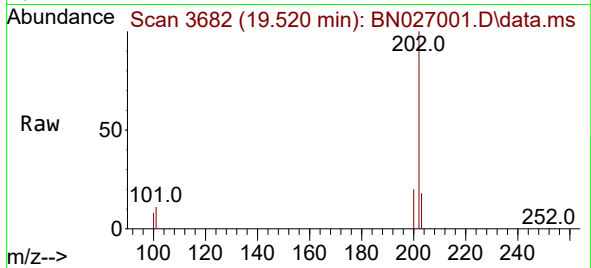




#19
Fluoranthene
Concen: 1.286 ng/ul
RT: 19.520 min Scan# 3682
Delta R.T. -0.005 min
Lab File: BN027001.D
Acq: 21 Aug 2023 20:54

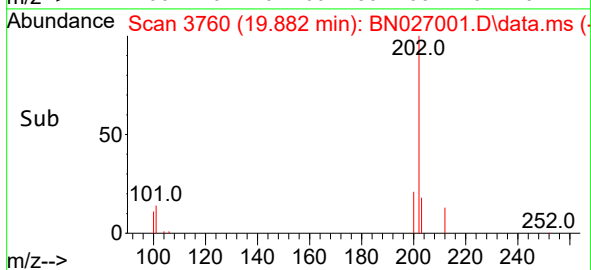
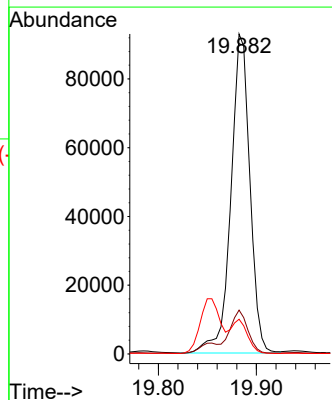
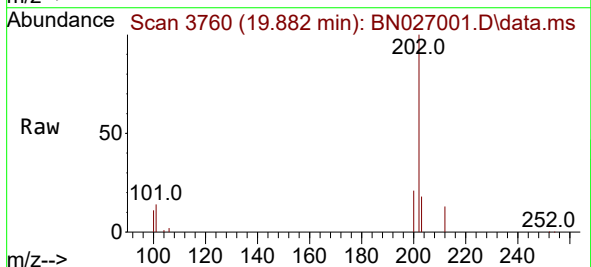
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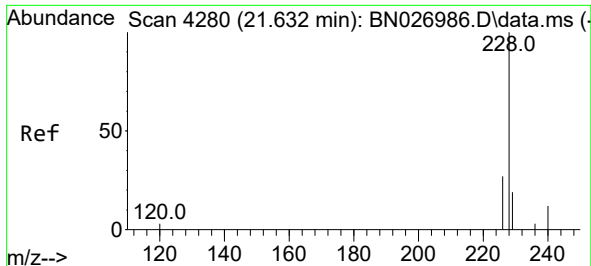
Tgt Ion:202 Resp: 136384
Ion Ratio Lower Upper
202 100
101 10.5 8.3 12.5
100 7.6 6.2 9.2



#20
Pyrene
Concen: 1.105 ng/ul
RT: 19.882 min Scan# 3760
Delta R.T. -0.005 min
Lab File: BN027001.D
Acq: 21 Aug 2023 20:54

Tgt Ion:202 Resp: 125104
Ion Ratio Lower Upper
202 100
101 13.7 10.7 16.1
100 10.8 8.5 12.7

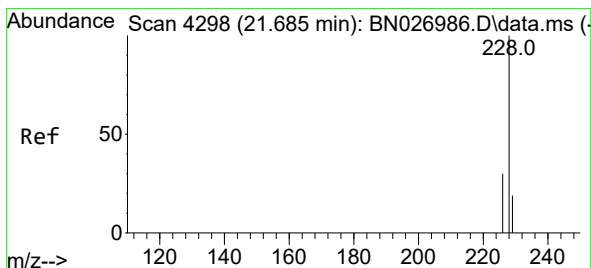
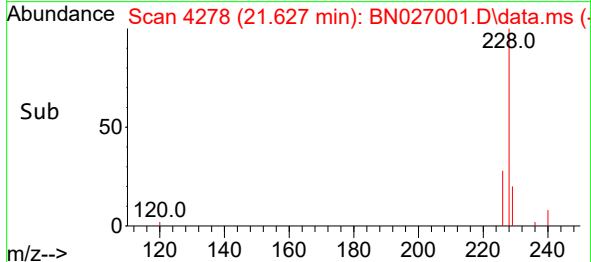
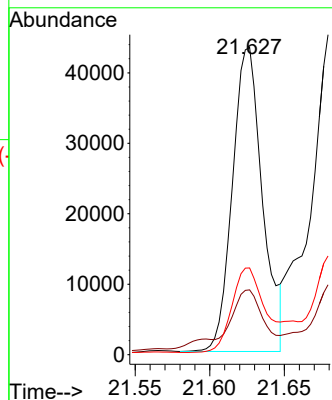
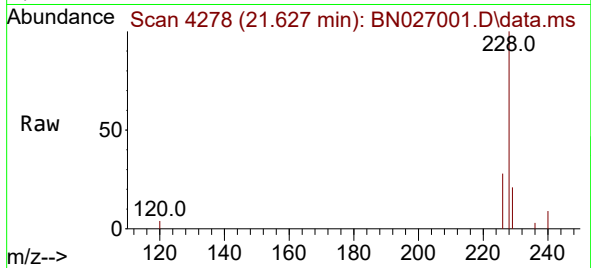




#21
Benzo(a)anthracene
Concen: 0.596 ng/ul
RT: 21.627 min Scan# 4278
Delta R.T. -0.006 min
Lab File: BN027001.D
Acq: 21 Aug 2023 20:54

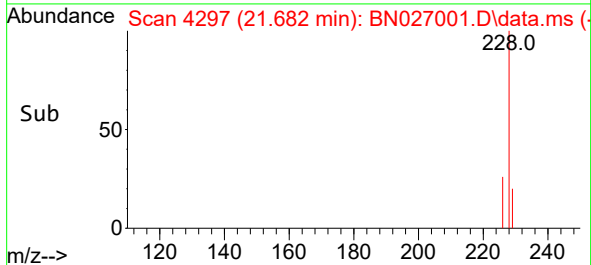
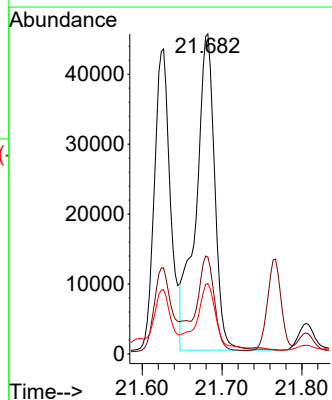
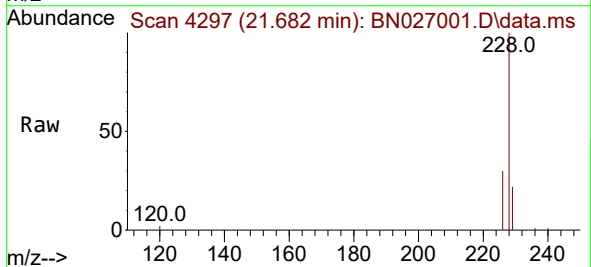
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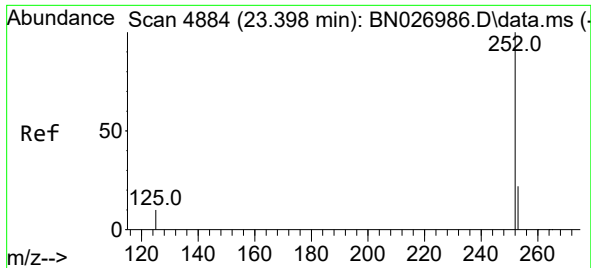
Tgt Ion:228 Resp: 60480
Ion Ratio Lower Upper
228 100
229 21.1 16.0 24.0
226 28.2 22.2 33.2



#22
Chrysene
Concen: 0.739 ng/ul
RT: 21.682 min Scan# 4297
Delta R.T. -0.009 min
Lab File: BN027001.D
Acq: 21 Aug 2023 20:54

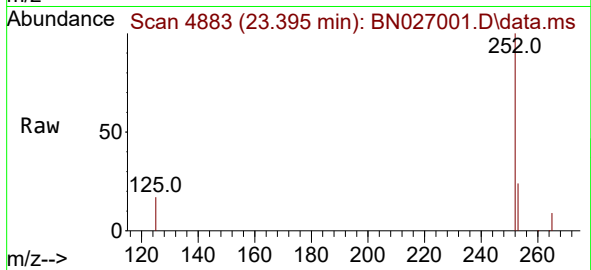
Tgt Ion:228 Resp: 74088
Ion Ratio Lower Upper
228 100
226 30.3 24.6 36.8
229 22.0 15.8 23.6



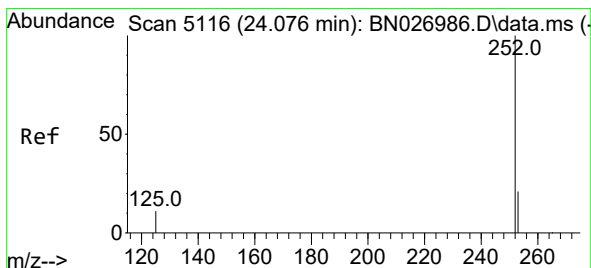
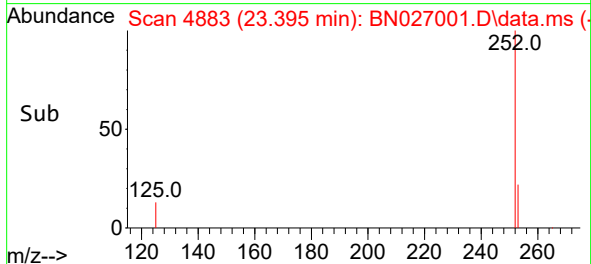
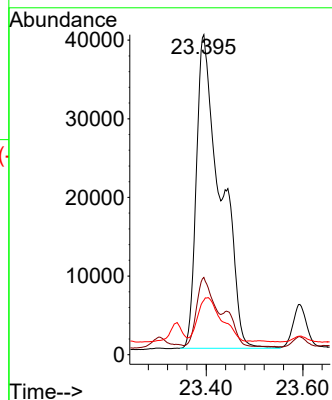


#24
Benzo(b)fluoranthene
Concen: 1.383 ng/ul
RT: 23.395 min Scan# 4883
Delta R.T. -0.012 min
Lab File: BN027001.D
Acq: 21 Aug 2023 20:54

Instrument :
BNA_N
ClientSampleId :
A48M0

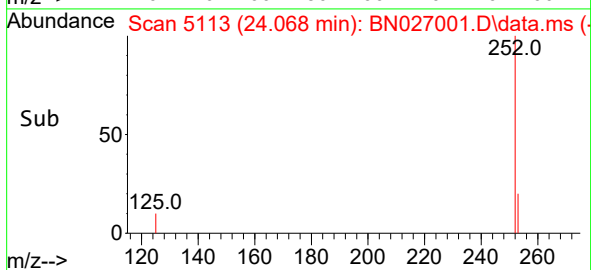
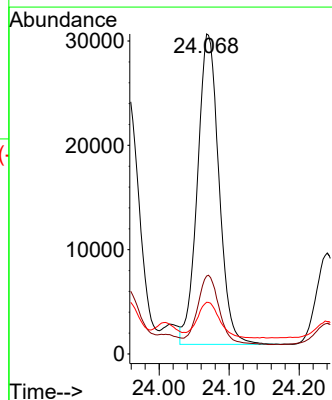
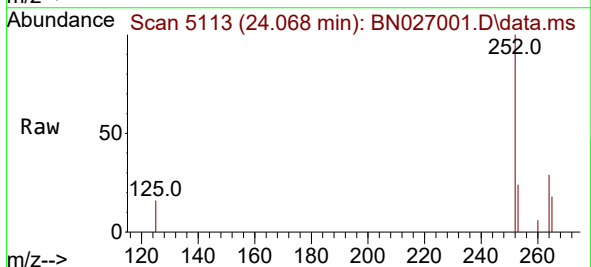


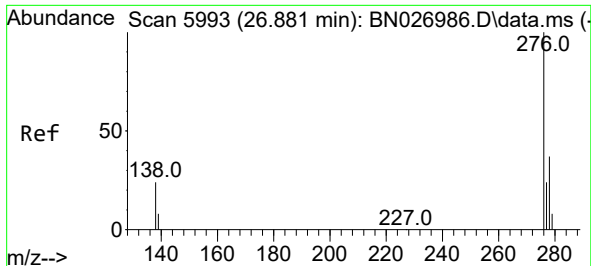
Tgt Ion:252 Resp: 138989
Ion Ratio Lower Upper
252 100
253 24.2 0.0 46.8
125 17.0 0.0 25.2



#26
Benzo(a)pyrene
Concen: 0.698 ng/ul
RT: 24.068 min Scan# 5113
Delta R.T. -0.018 min
Lab File: BN027001.D
Acq: 21 Aug 2023 20:54

Tgt Ion:252 Resp: 63340
Ion Ratio Lower Upper
252 100
253 24.3 19.0 28.6
125 16.1 11.4 17.0

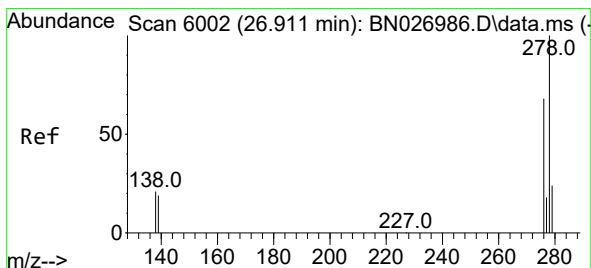
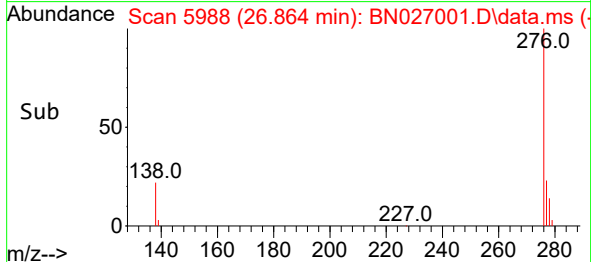
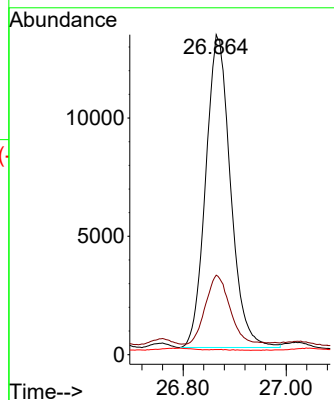
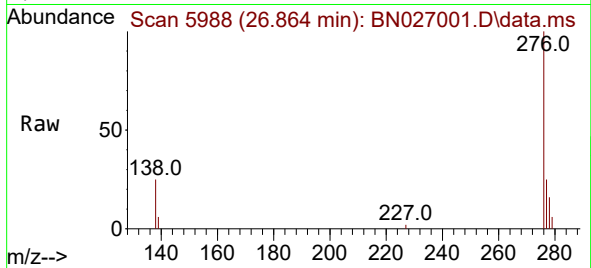




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.372 ng/ul
 RT: 26.864 min Scan# 5993
 Delta R.T. -0.021 min
 Lab File: BN027001.D
 Acq: 21 Aug 2023 20:54

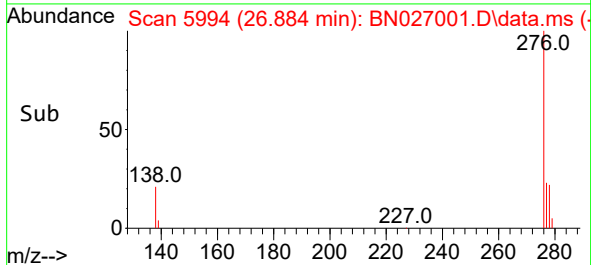
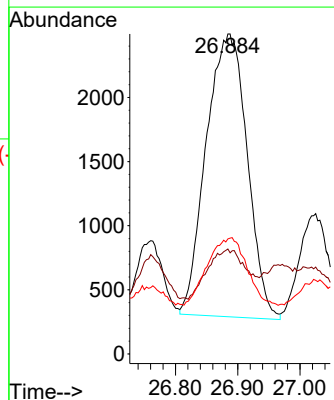
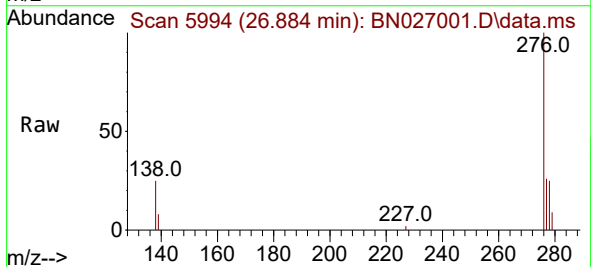
Instrument :
 BNA_N
 ClientSampleId :
 A48M0

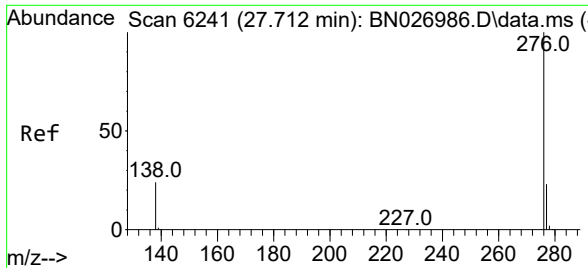
Tgt Ion:276 Resp: 44147
 Ion Ratio Lower Upper
 276 100
 138 21.8 21.6 32.4
 227 0.1 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.107 ng/ul
 RT: 26.884 min Scan# 5994
 Delta R.T. -0.037 min
 Lab File: BN027001.D
 Acq: 21 Aug 2023 20:54

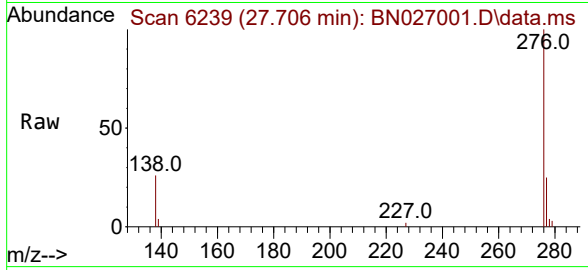
Tgt Ion:278 Resp: 10083
 Ion Ratio Lower Upper
 278 100
 139 32.8 15.7 23.5#
 279 36.0 20.2 30.4#





#29
 Benzo(g,h,i)perylene
 Concen: 0.443 ng/ul
 RT: 27.706 min Scan# 61
 Delta R.T. -0.017 min
 Lab File: BN027001.D
 Acq: 21 Aug 2023 20:54

Instrument :
 BNA_N
 ClientSampleId :
 A48M0



Tgt Ion:	276	Resp:	43782
Ion Ratio	Lower	Upper	
276	100		
138	25.8	19.3	28.9
277	25.3	19.8	29.8

