

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027005.D
 Acq On : 21 Aug 2023 23:22
 Operator : MA/JU
 Sample : 03967-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48M3

Quant Time: Aug 22 01:40:46 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)

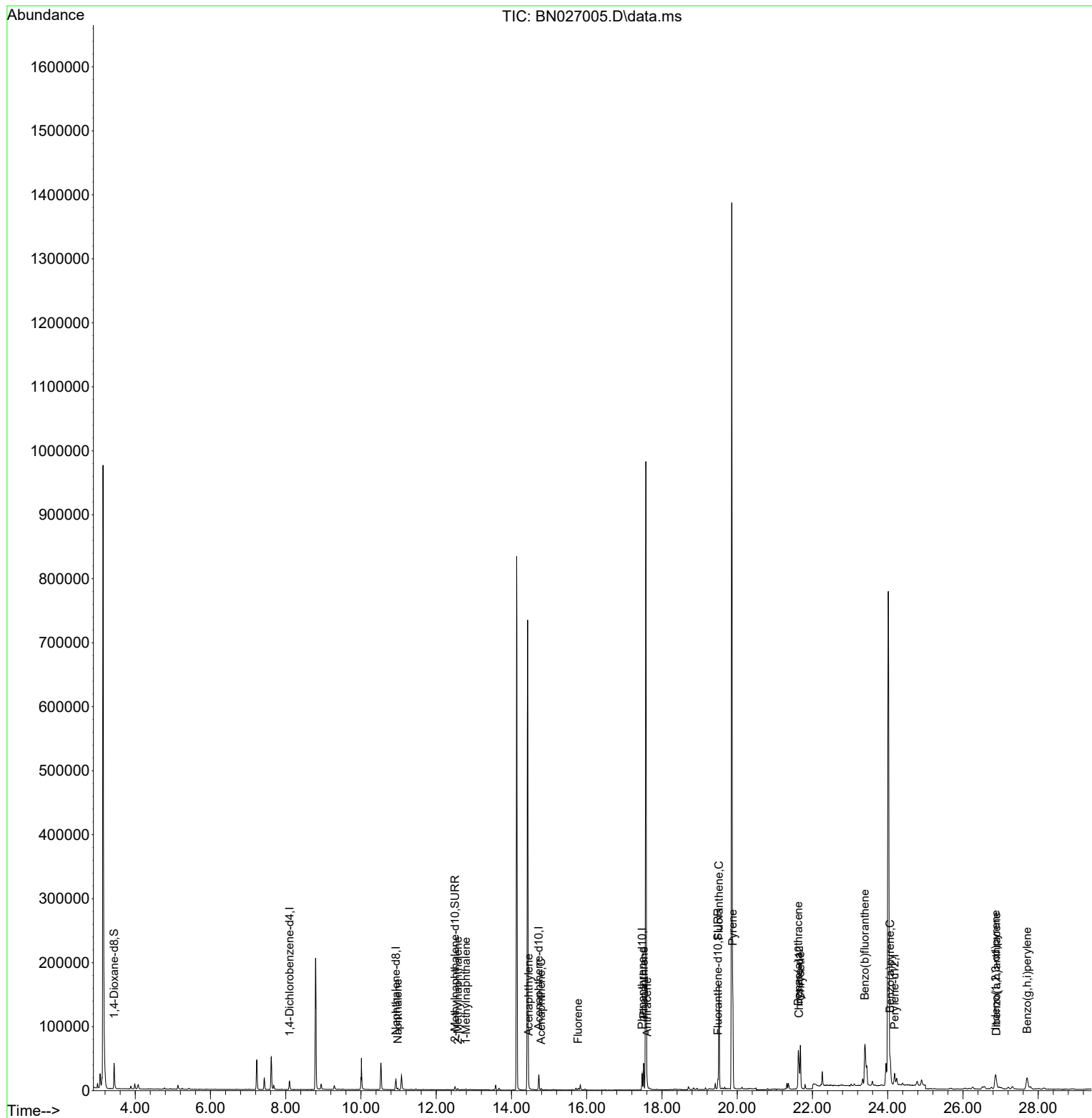
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	6689	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	22473	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	13146	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	29401	0.400	ng/ul	0.00
17) Chrysene-d12	21.641	240	24364	0.400	ng/ul	# 0.00
23) Perylene-d12	24.182	264	25408	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	28330	3.567	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	6186	0.187	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	15302	0.199	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.977	128	2935	0.046	ng/ul#	87
7) 2-Methylnaphthalene	12.572	142	1237	0.032	ng/ul	99
8) 1-Methylnaphthalene	12.792	142	884	0.022	ng/ul	99
10) Acenaphthylene	14.458	152	4687	0.064	ng/ul	95
11) Acenaphthene	14.791	153	1282	0.025	ng/ul	95
12) Fluorene	15.772	166	1599	0.028	ng/ul#	97
15) Phenanthrene	17.515	178	43730	0.453	ng/ul	100
16) Anthracene	17.608	178	7072	0.081	ng/ul	95
19) Fluoranthene	19.515	202	140277	1.386	ng/ul	98
20) Pyrene	19.882	202	121783	1.128	ng/ul	99
21) Benzo(a)anthracene	21.624	228	53593	0.553	ng/ul	98
22) Chrysene	21.679	228	76362	0.798	ng/ul	98
24) Benzo(b)fluoranthene	23.392	252	149047	1.551	ng/ul#	85
26) Benzo(a)pyrene	24.065	252	57874	0.667	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.864	276	46204	0.407	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.891	278	10941	0.121	ng/ul#	72
29) Benzo(g,h,i)perylene	27.703	276	45365	0.480	ng/ul	98

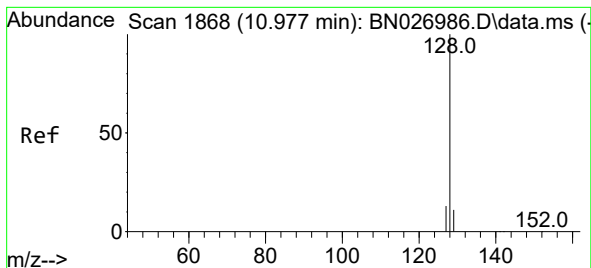
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.046 ng/ul

RT: 10.977 min Scan# 1868

Delta R.T. -0.006 min

Lab File: BN027005.D

Acq: 21 Aug 2023 23:22

Instrument :

BNA_N

ClientSampleId :

A48M3

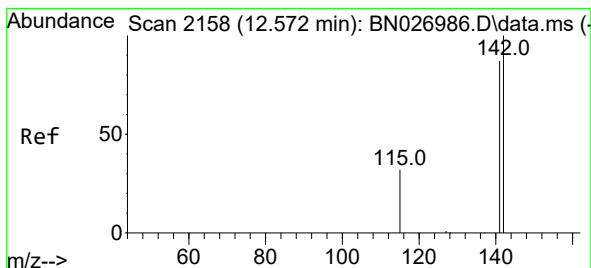
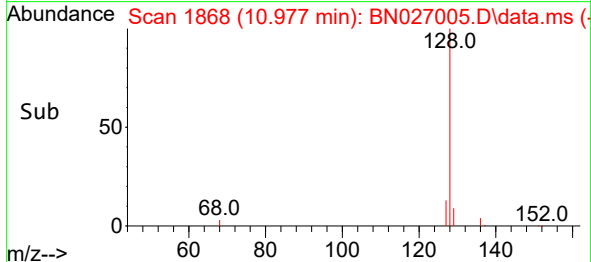
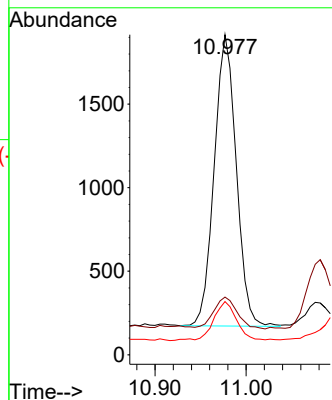
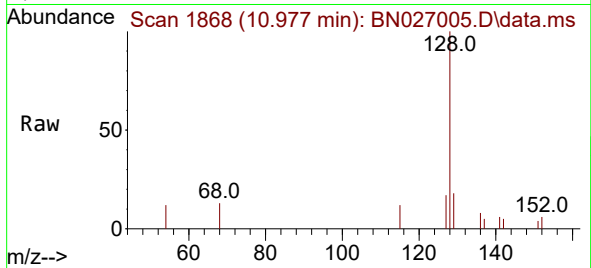
Tgt Ion:128 Resp: 2935

Ion Ratio Lower Upper

128 100

129 18.0 9.2 13.8#

127 16.6 10.5 15.7#



#7

2-Methylnaphthalene

Concen: 0.032 ng/ul

RT: 12.572 min Scan# 2158

Delta R.T. -0.006 min

Lab File: BN027005.D

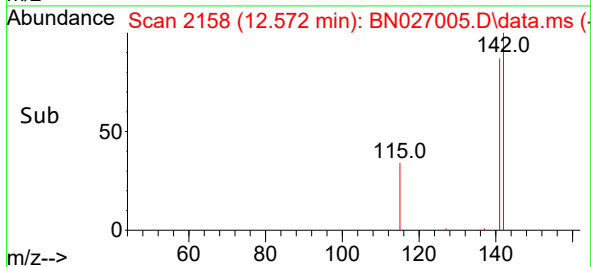
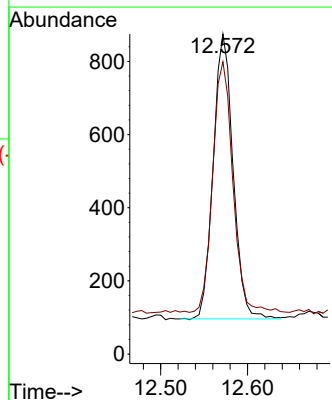
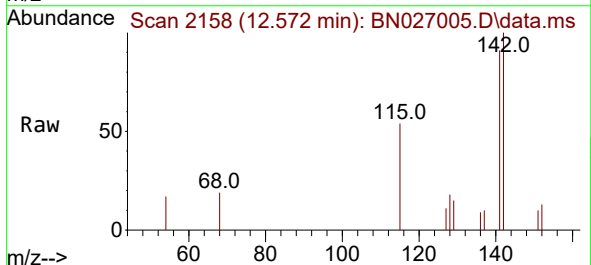
Acq: 21 Aug 2023 23:22

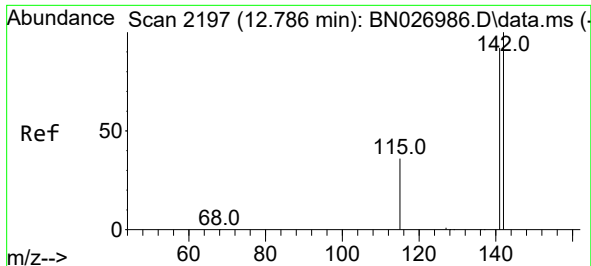
Tgt Ion:142 Resp: 1237

Ion Ratio Lower Upper

142 100

141 89.2 70.9 106.3

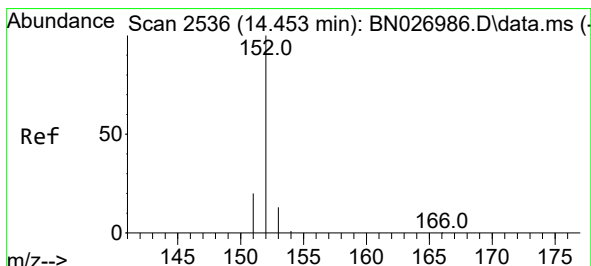
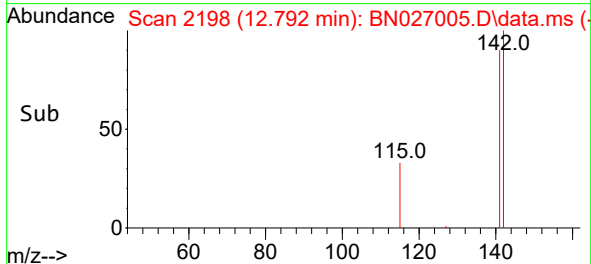
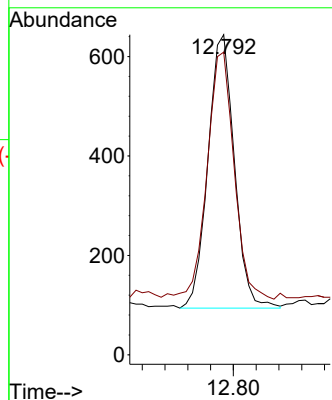
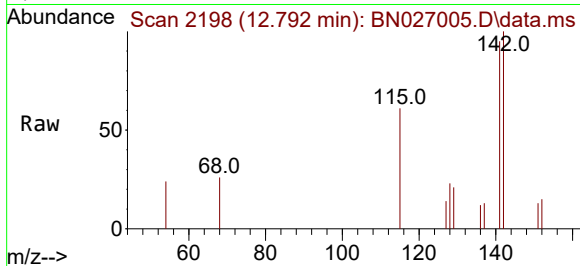




#8
1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.792 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

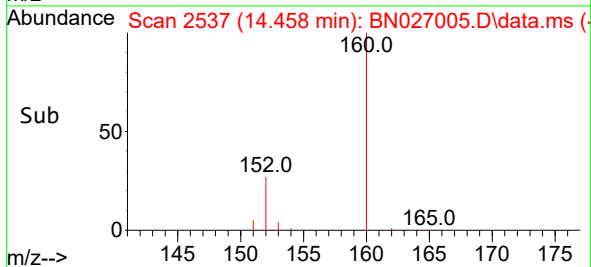
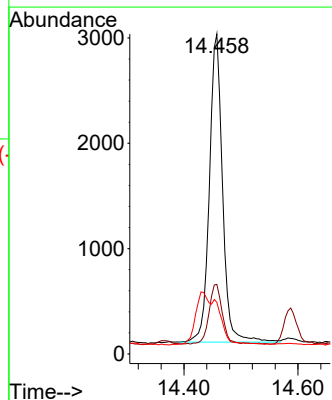
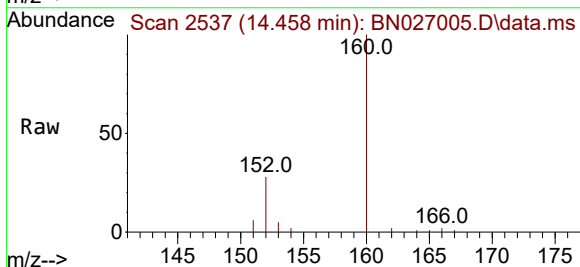
Instrument :
BNA_N
ClientSampleId :
A48M3

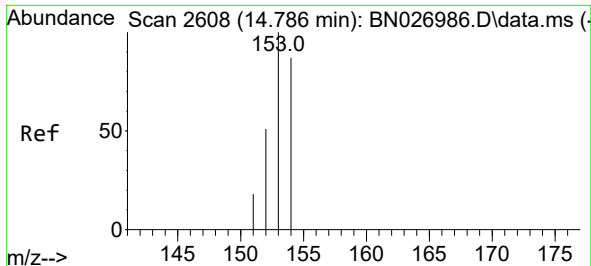
Tgt Ion:142 Resp: 884
Ion Ratio Lower Upper
142 100
141 92.8 73.2 109.8



#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

Tgt Ion:152 Resp: 4687
Ion Ratio Lower Upper
152 100
151 21.8 15.9 23.9
153 16.2 11.0 16.6

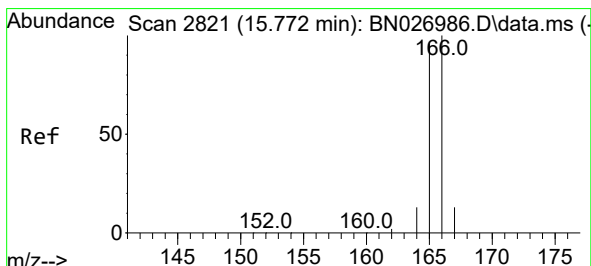
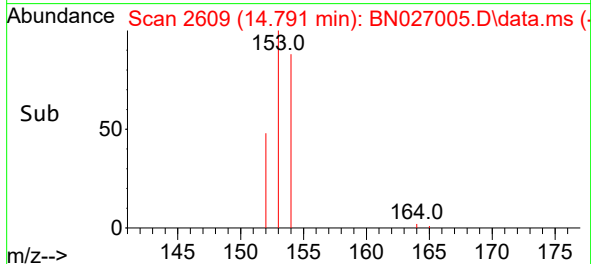
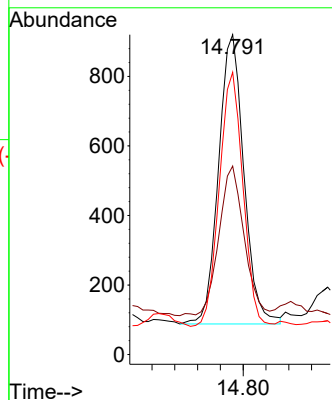
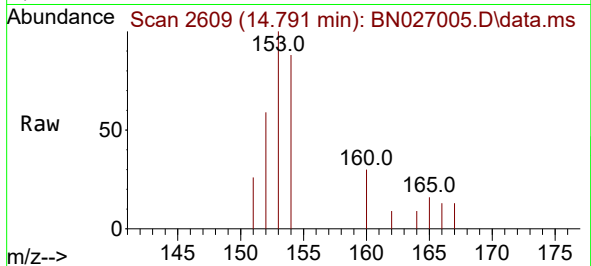




#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

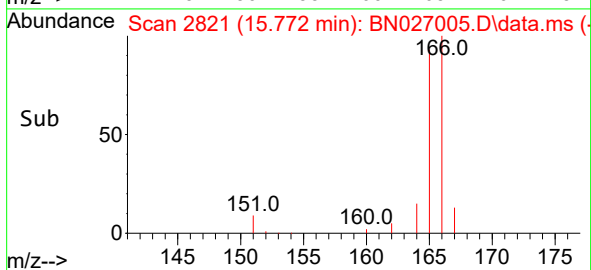
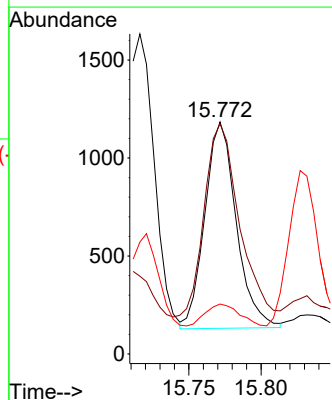
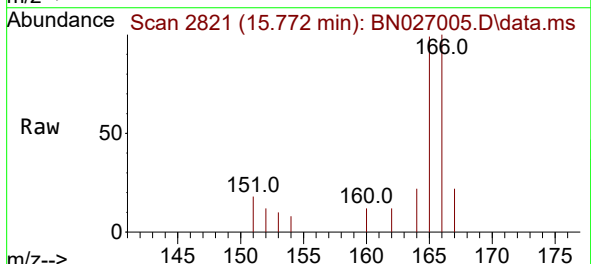
Instrument :
BNA_N
ClientSampleId :
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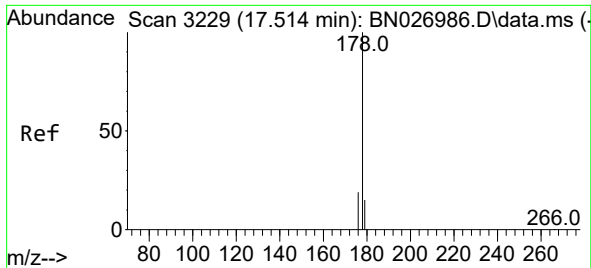
Tgt Ion:153 Resp: 1282
Ion Ratio Lower Upper
153 100
152 58.9 41.1 61.7
154 88.3 71.6 107.4



#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.772 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

Tgt Ion:166 Resp: 1599
Ion Ratio Lower Upper
166 100
165 99.2 79.1 118.7
167 21.5 11.4 17.0#

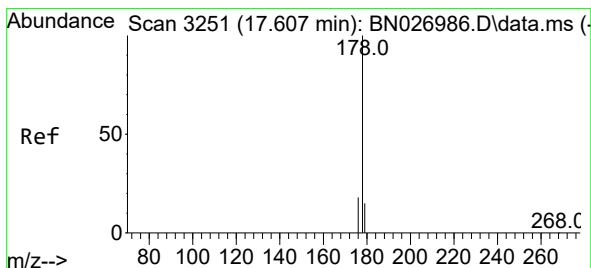
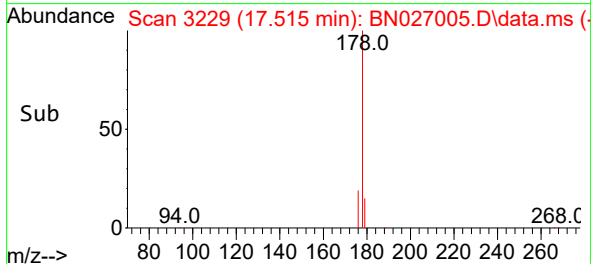
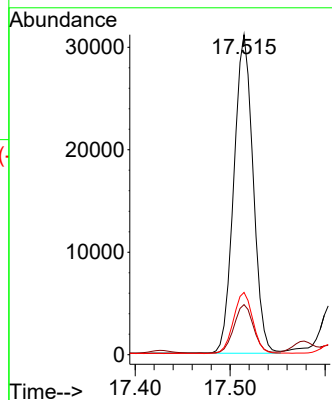
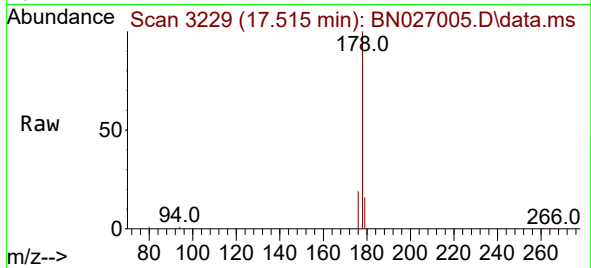




#15
Phenanthrene
Concen: 0.453 ng/ul
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

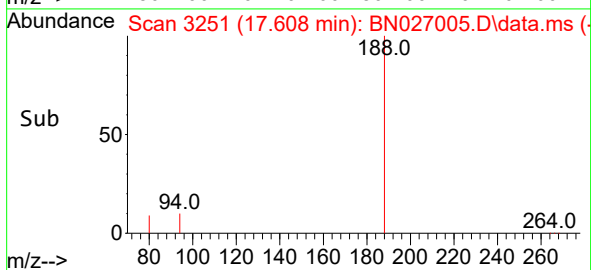
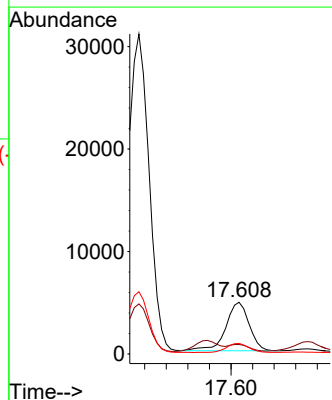
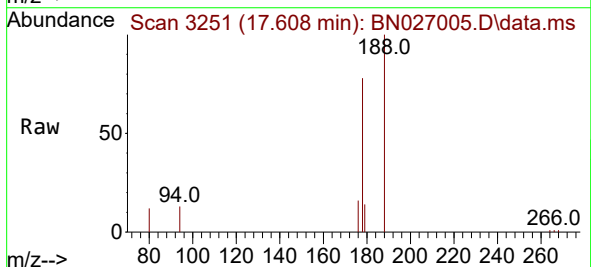
Instrument :
BNA_N
ClientSampleId :
A48M3

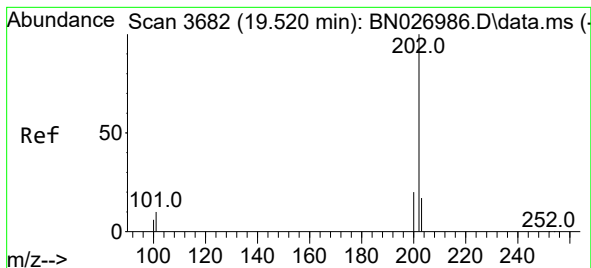
Tgt Ion:178 Resp: 43730
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.081 ng/ul
RT: 17.608 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

Tgt Ion:178 Resp: 7072
Ion Ratio Lower Upper
178 100
179 18.4 12.6 19.0
176 20.4 15.0 22.6





#19

Fluoranthene

Concen: 1.386 ng/ul

RT: 19.515 min Scan# 3681

Delta R.T. -0.009 min

Lab File: BN027005.D

Acq: 21 Aug 2023 23:22

Instrument :

BNA_N

ClientSampleId :

A48M3

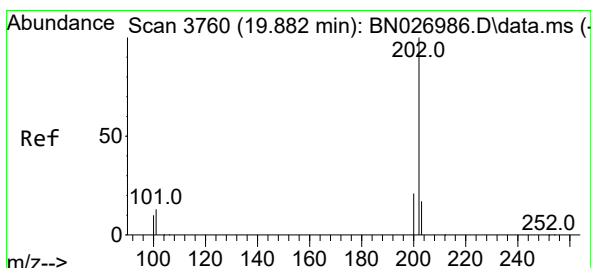
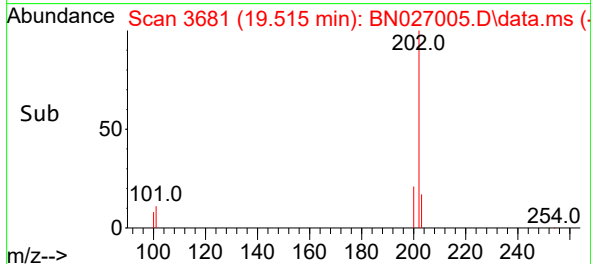
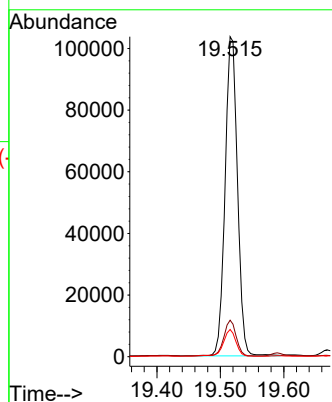
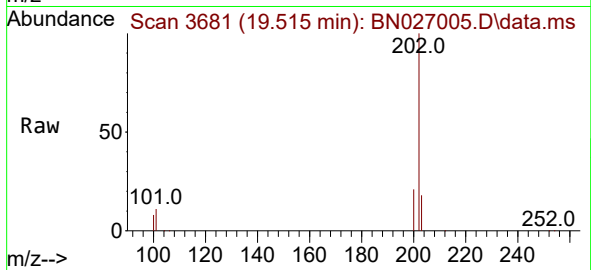
Tgt Ion:202 Resp: 140277

Ion Ratio Lower Upper

202 100

101 11.4 8.3 12.5

100 8.5 6.2 9.2



#20

Pyrene

Concen: 1.128 ng/ul

RT: 19.882 min Scan# 3760

Delta R.T. -0.005 min

Lab File: BN027005.D

Acq: 21 Aug 2023 23:22

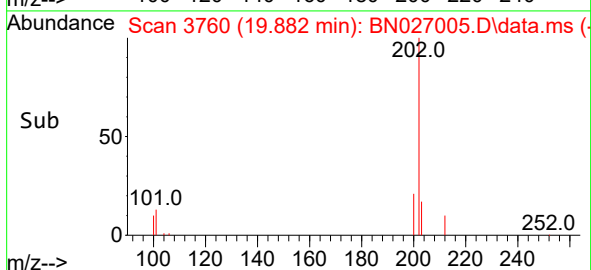
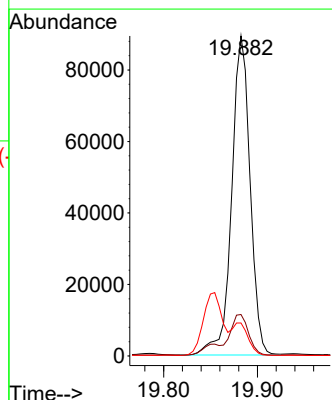
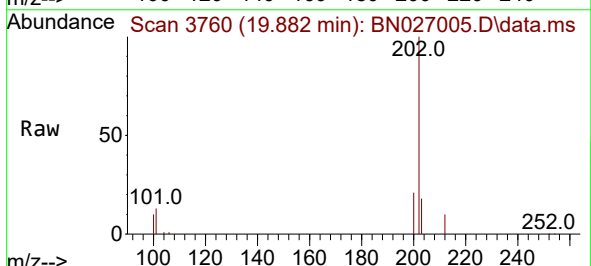
Tgt Ion:202 Resp: 121783

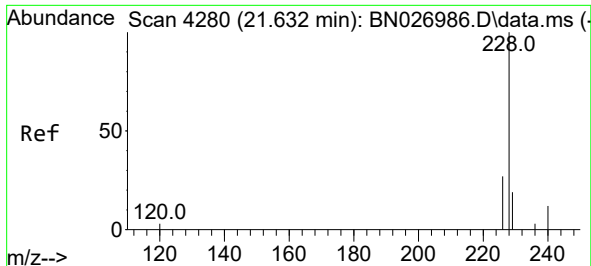
Ion Ratio Lower Upper

202 100

101 12.9 10.7 16.1

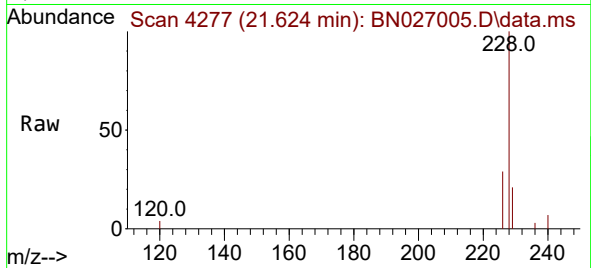
100 10.3 8.5 12.7



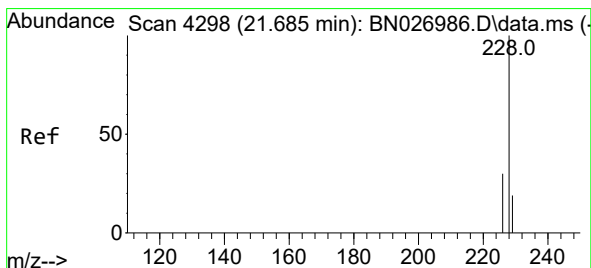
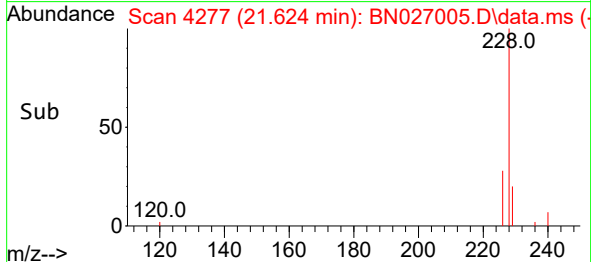
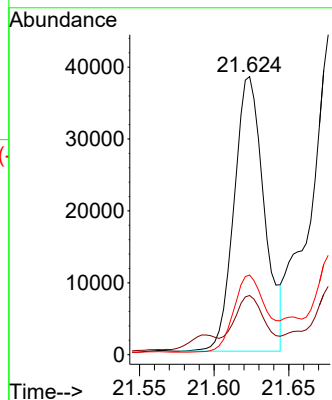


#21
Benzo(a)anthracene
Concen: 0.553 ng/ul
RT: 21.624 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

Instrument :
BNA_N
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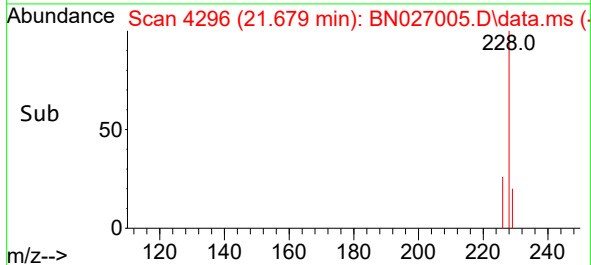
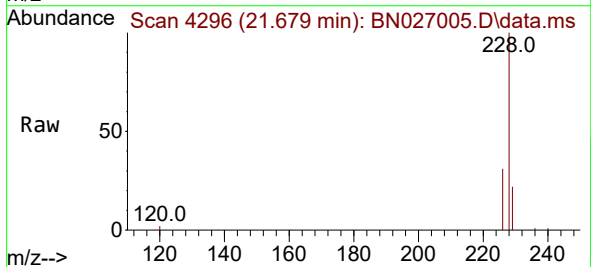
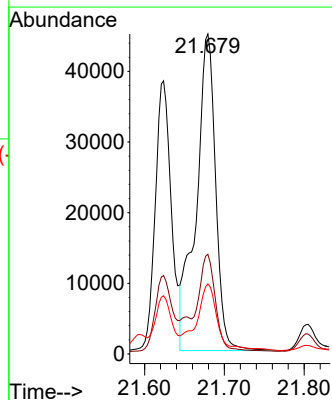


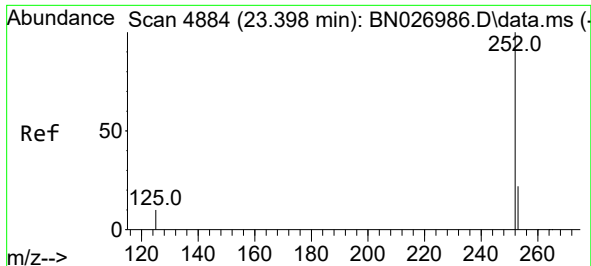
Tgt Ion:228 Resp: 53593
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 28.7 22.2 33.2



#22
Chrysene
Concen: 0.798 ng/ul
RT: 21.679 min Scan# 4296
Delta R.T. -0.012 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

Tgt Ion:228 Resp: 76362
Ion Ratio Lower Upper
228 100
226 31.2 24.6 36.8
229 21.9 15.8 23.6

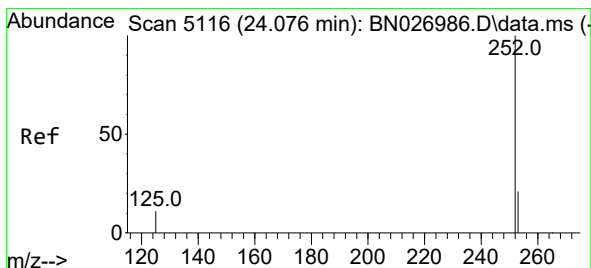
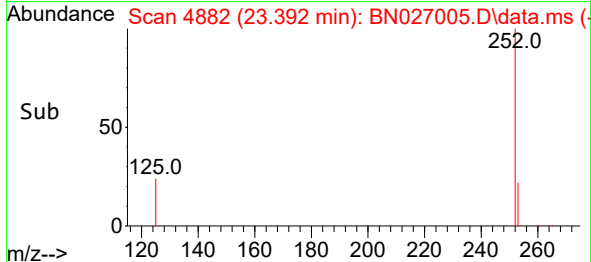
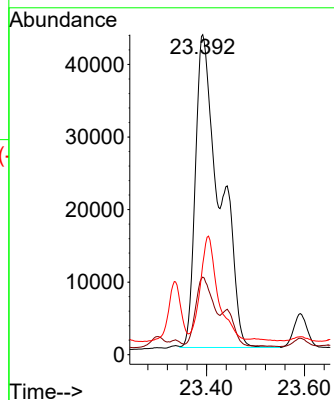
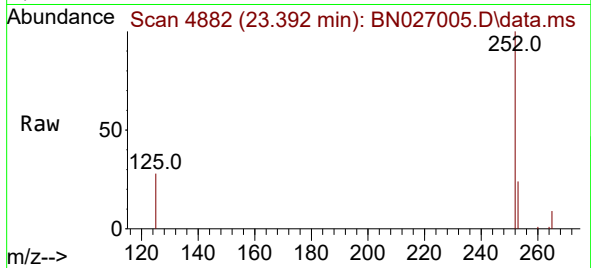




#24
Benzo(b)fluoranthene
Concen: 1.551 ng/ul
RT: 23.392 min Scan# 4884
Delta R.T. -0.015 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

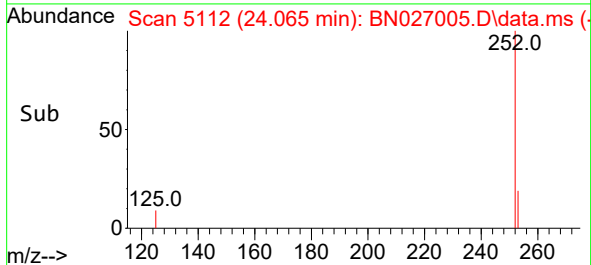
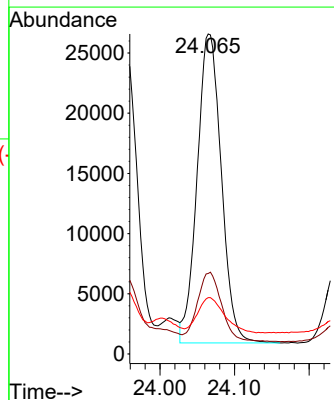
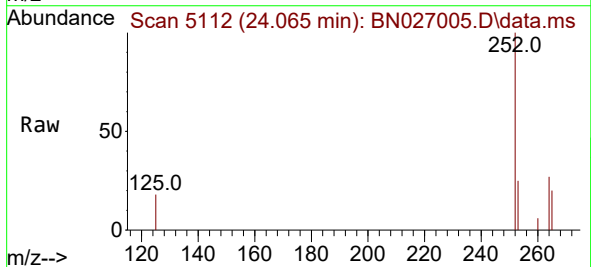
Instrument :
BNA_N
ClientSampleId :
A48M3

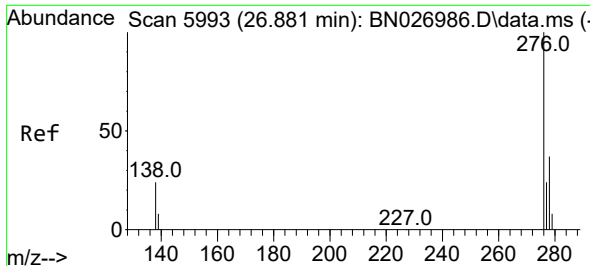
Tgt Ion:252 Resp: 149047
Ion Ratio Lower Upper
252 100
253 24.2 0.0 46.8
125 28.3 0.0 25.2#



#26
Benzo(a)pyrene
Concen: 0.667 ng/ul
RT: 24.065 min Scan# 5112
Delta R.T. -0.020 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

Tgt Ion:252 Resp: 57874
Ion Ratio Lower Upper
252 100
253 25.2 19.0 28.6
125 17.6 11.4 17.0#

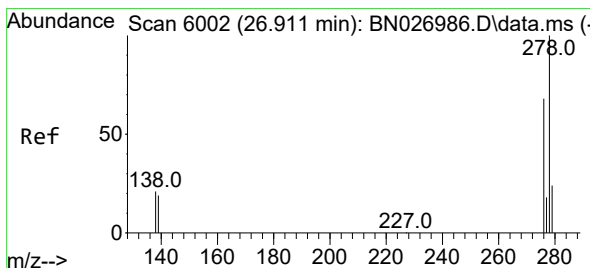
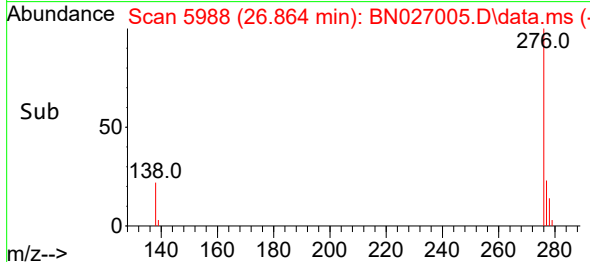
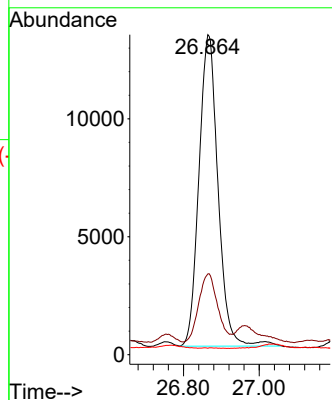
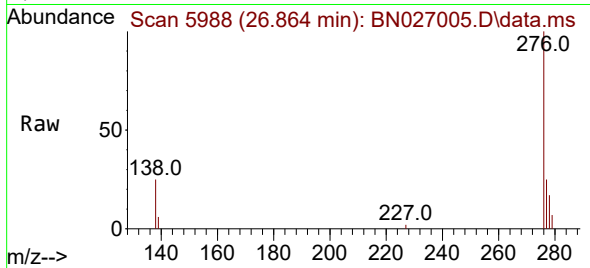




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.407 ng/ul
 RT: 26.864 min Scan# 5998
 Delta R.T. -0.021 min
 Lab File: BN027005.D
 Acq: 21 Aug 2023 23:22

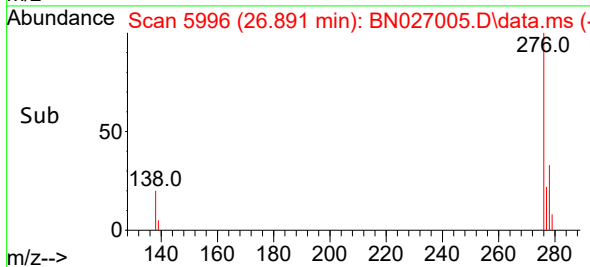
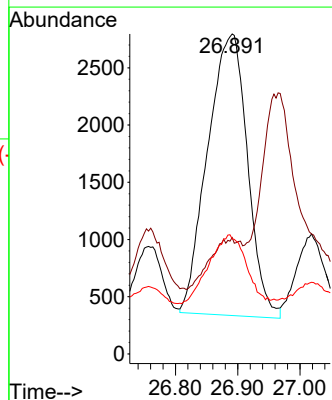
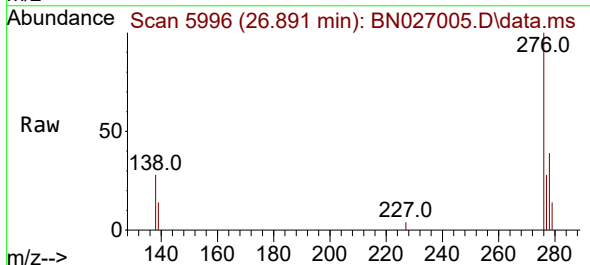
Instrument :
 BNA_N
 ClientSampleId :
 A48M3

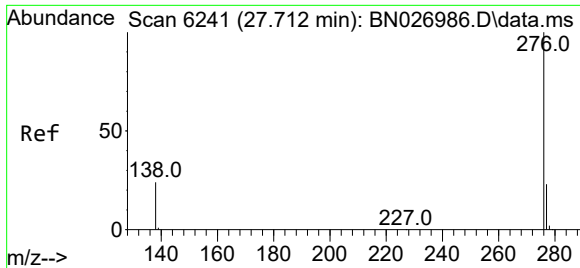
Tgt Ion:276 Resp: 46204
 Ion Ratio Lower Upper
 276 100
 138 21.8 21.6 32.4
 227 0.1 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.121 ng/ul
 RT: 26.891 min Scan# 5996
 Delta R.T. -0.031 min
 Lab File: BN027005.D
 Acq: 21 Aug 2023 23:22

Tgt Ion:278 Resp: 10941
 Ion Ratio Lower Upper
 278 100
 139 36.3 15.7 23.5#
 279 36.0 20.2 30.4#





#29
Benzo(g,h,i)perylene
Concen: 0.480 ng/ul
RT: 27.703 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN027005.D
Acq: 21 Aug 2023 23:22

Instrument :
BNA_N
ClientSampleId :
A48M3

Tgt Ion:	276	Resp:	45365
Ion Ratio	Lower	Upper	
276	100		
138	25.8	19.3	28.9
277	25.5	19.8	29.8

