

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082123\
 Data File : BN027007.D
 Acq On : 22 Aug 2023 00:36
 Operator : MA/JU
 Sample : 03967-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A48M5

Quant Time: Aug 22 01:41:07 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)

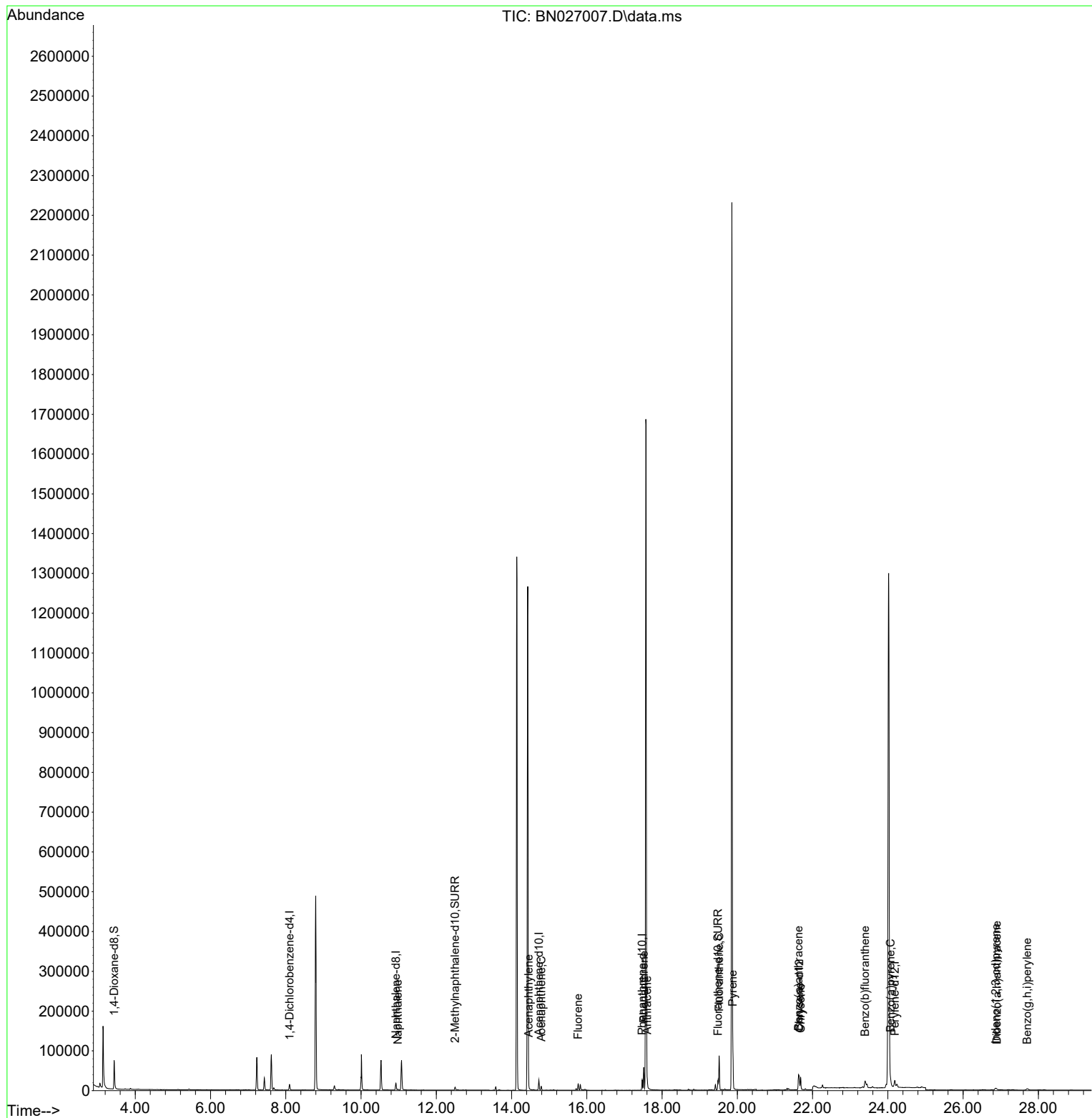
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	7045	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	23458	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.726	164	13746	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.472	188	30720	0.400	ng/ul	0.00
17) Chrysene-d12	21.644	240	25374	0.400	ng/ul	0.00
23) Perylene-d12	24.184	264	26570	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	50579	6.047	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.500	152	10202	0.296	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	25334	0.316	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.977	128	2948	0.044	ng/ul#	86
10) Acenaphthylene	14.458	152	4218	0.055	ng/ul#	93
11) Acenaphthene	14.791	153	5541	0.104	ng/ul	99
12) Fluorene	15.771	166	9953	0.165	ng/ul	99
15) Phenanthrene	17.515	178	61421	0.609	ng/ul	100
16) Anthracene	17.607	178	18165	0.199	ng/ul	99
19) Fluoranthene	19.520	202	74514	0.707	ng/ul	100
20) Pyrene	19.882	202	61067	0.543	ng/ul	100
21) Benzo(a)anthracene	21.627	228	34356	0.340	ng/ul	97
22) Chrysene	21.682	228	30229	0.303	ng/ul	97
24) Benzo(b)fluoranthene	23.398	252	42566	0.424	ng/ul#	77
26) Benzo(a)pyrene	24.070	252	19281	0.213	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.867	276	9233	0.078	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.898	278	3222	0.034	ng/ul#	26
29) Benzo(g,h,i)perylene	27.703	276	8517	0.086	ng/ul#	82

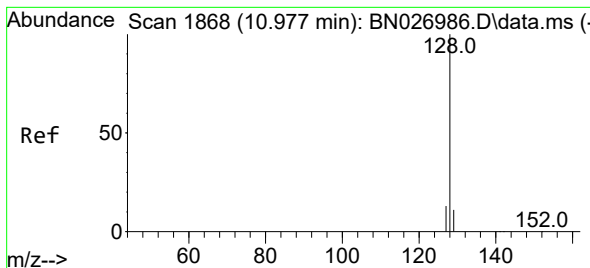
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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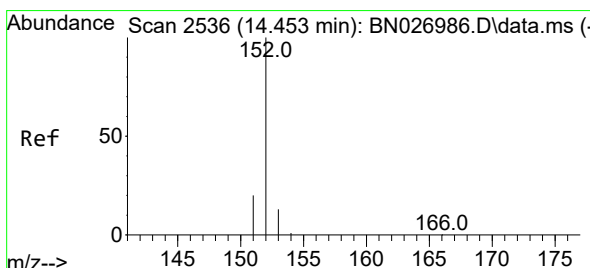
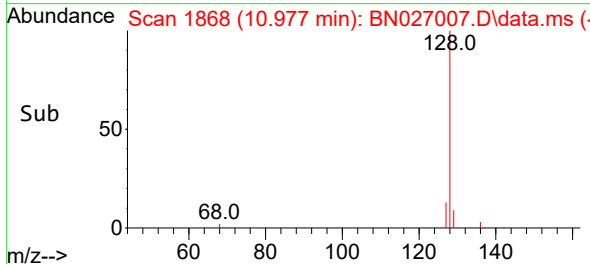
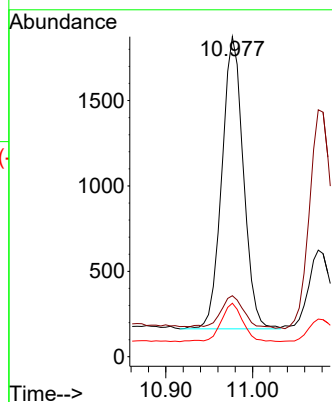
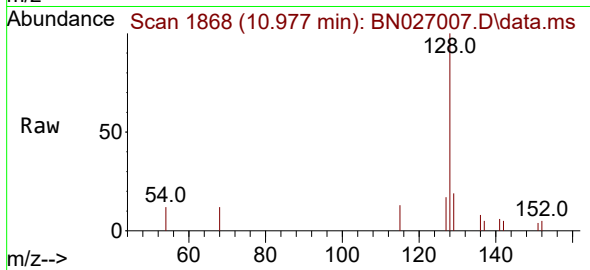




#5
Naphthalene
Concen: 0.044 ng/ul
RT: 10.977 min Scan# 1868
Delta R.T. -0.006 min
Lab File: BN027007.D
Acq: 22 Aug 2023 00:36

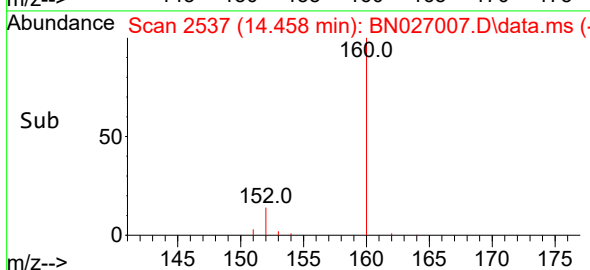
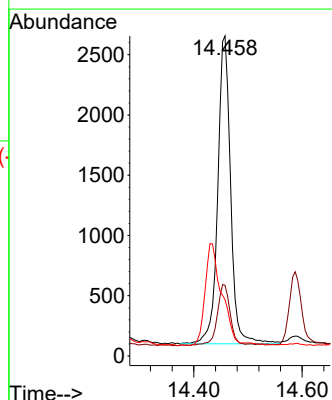
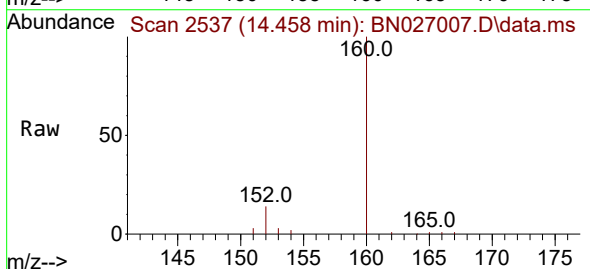
Instrument :
BNA_N
ClientSampleId :
A48M5

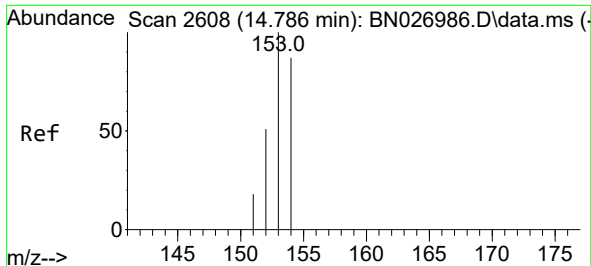
Tgt Ion:128 Resp: 2948
Ion Ratio Lower Upper
128 100
129 19.1 9.2 13.8#
127 16.7 10.5 15.7#



#10
Acenaphthylene
Concen: 0.055 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN027007.D
Acq: 22 Aug 2023 00:36

Tgt Ion:152 Resp: 4218
Ion Ratio Lower Upper
152 100
151 22.1 15.9 23.9
153 17.6 11.0 16.6#

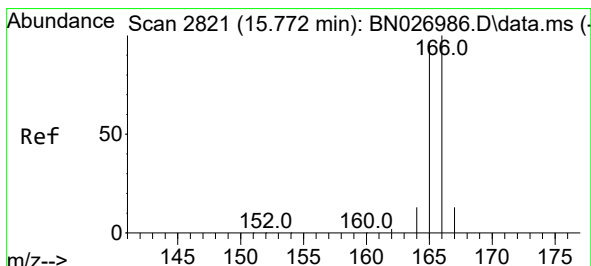
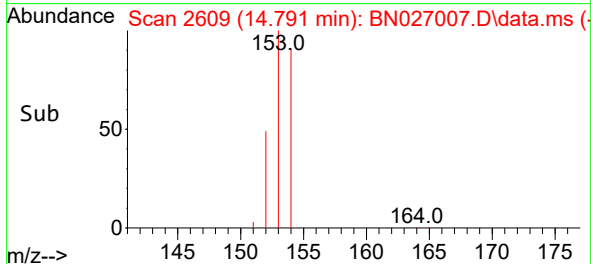
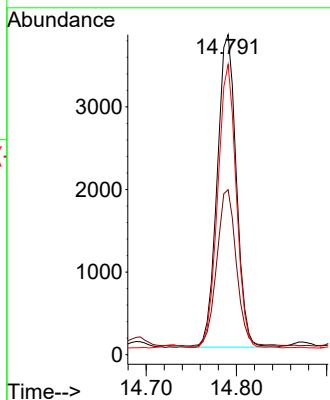
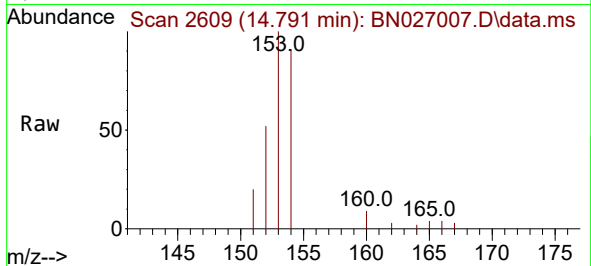




#11
Acenaphthene
Concen: 0.104 ng/ul
RT: 14.791 min Scan# 2609
Delta R.T. -0.000 min
Lab File: BN027007.D
Acq: 22 Aug 2023 00:36

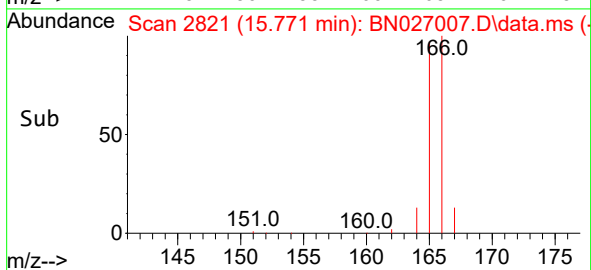
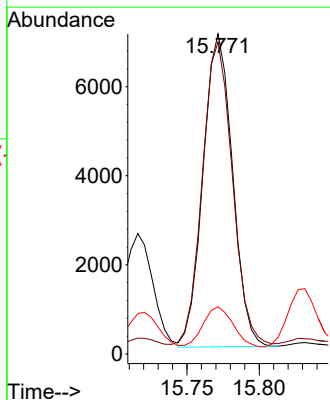
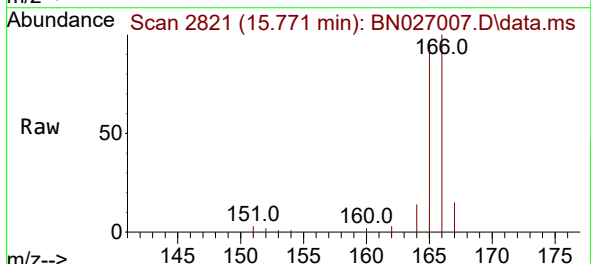
Instrument :
BNA_N
ClientSampleId :
A48M5

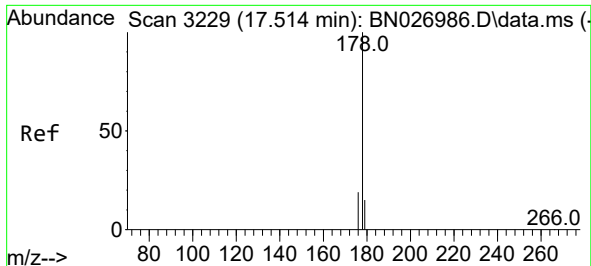
Tgt Ion:153 Resp: 5541
Ion Ratio Lower Upper
153 100
152 51.6 41.1 61.7
154 90.7 71.6 107.4



#12
Fluorene
Concen: 0.165 ng/ul
RT: 15.771 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BN027007.D
Acq: 22 Aug 2023 00:36

Tgt Ion:166 Resp: 9953
Ion Ratio Lower Upper
166 100
165 97.5 79.1 118.7
167 14.7 11.4 17.0

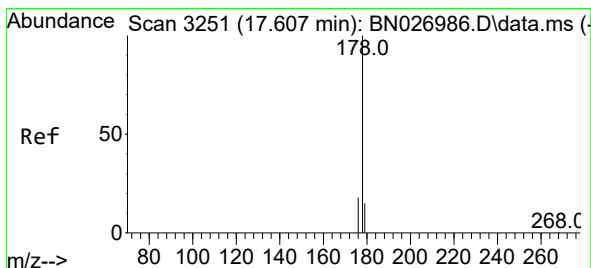
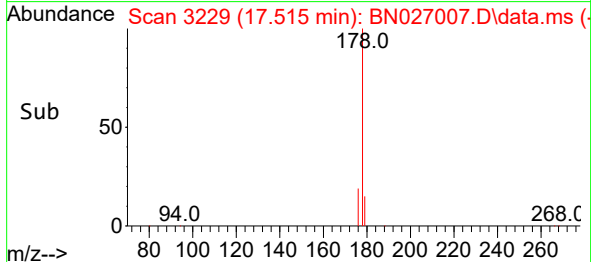
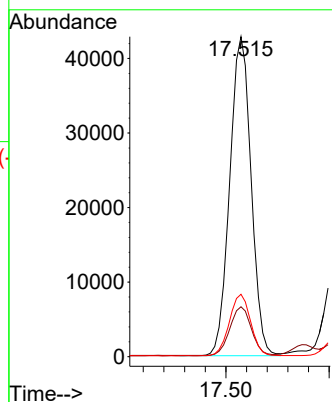
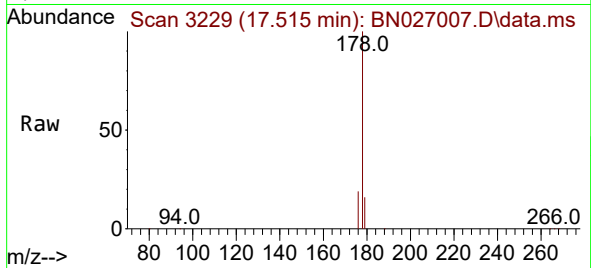




#15
Phenanthrene
Concen: 0.609 ng/ul
RT: 17.515 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027007.D
Acq: 22 Aug 2023 00:36

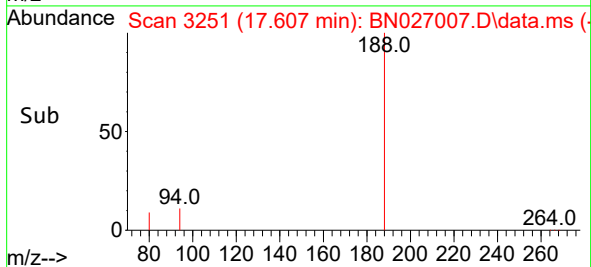
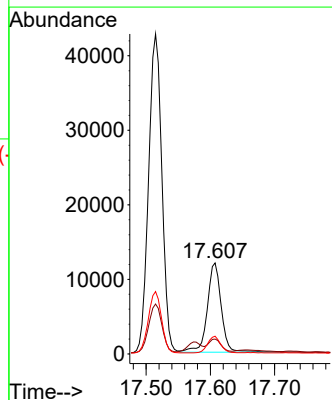
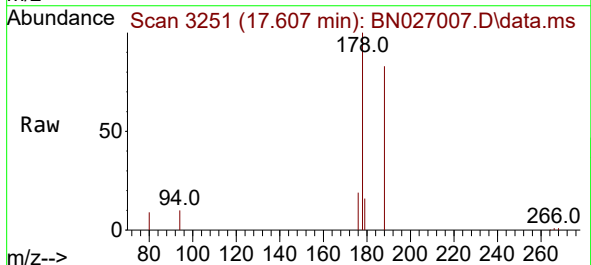
Instrument :
BNA_N
ClientSampleId :
A48M5

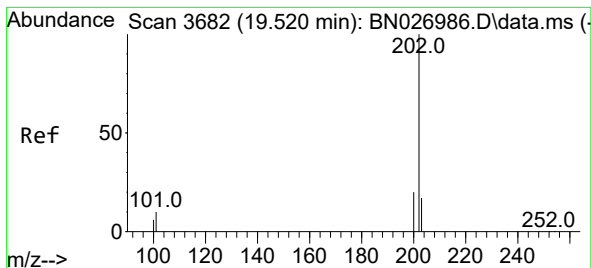
Tgt Ion:178 Resp: 61421
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.199 ng/ul
RT: 17.607 min Scan# 3251
Delta R.T. -0.000 min
Lab File: BN027007.D
Acq: 22 Aug 2023 00:36

Tgt Ion:178 Resp: 18165
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 19.4 15.0 22.6





#19

Fluoranthene

Concen: 0.707 ng/ul

RT: 19.520 min Scan# 3682

Delta R.T. -0.005 min

Lab File: BN027007.D

Acq: 22 Aug 2023 00:36

Instrument :

BNA_N

ClientSampleId :

A48M5

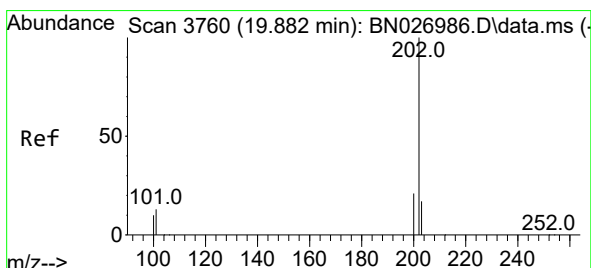
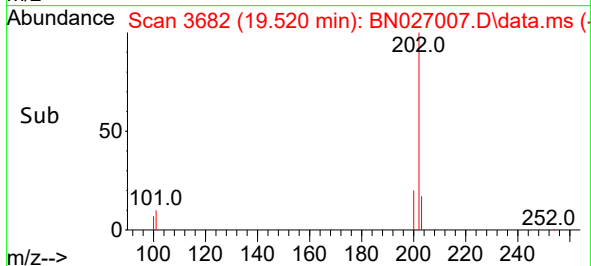
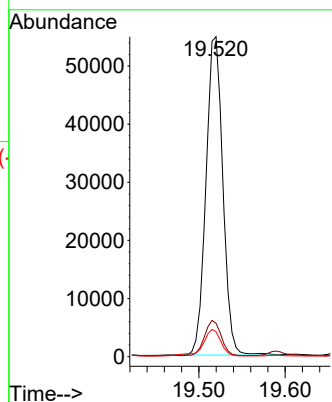
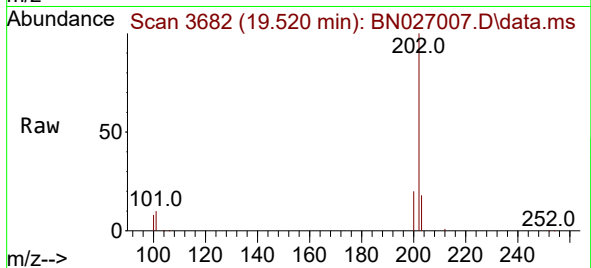
Tgt Ion:202 Resp: 74514

Ion Ratio Lower Upper

202 100

101 10.4 8.3 12.5

100 7.8 6.2 9.2



#20

Pyrene

Concen: 0.543 ng/ul

RT: 19.882 min Scan# 3760

Delta R.T. -0.005 min

Lab File: BN027007.D

Acq: 22 Aug 2023 00:36

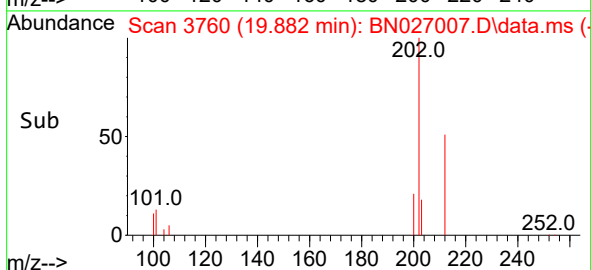
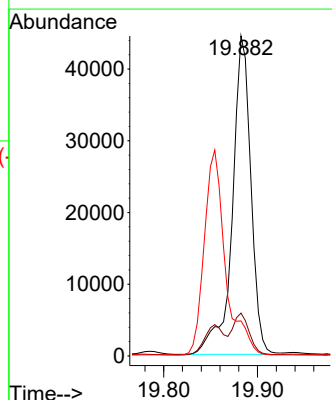
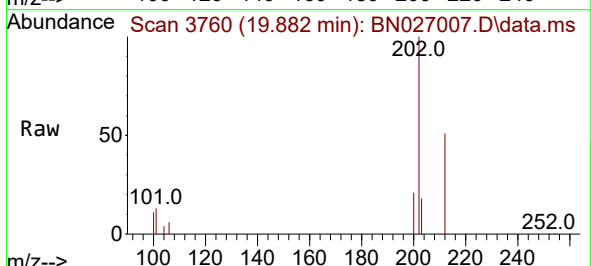
Tgt Ion:202 Resp: 61067

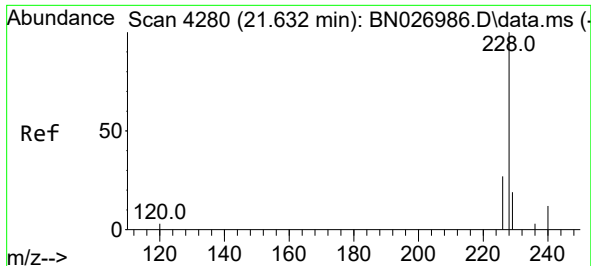
Ion Ratio Lower Upper

202 100

101 13.4 10.7 16.1

100 10.9 8.5 12.7

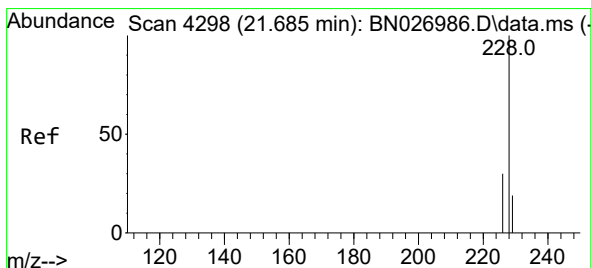
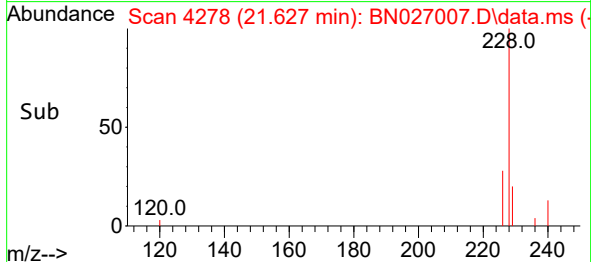
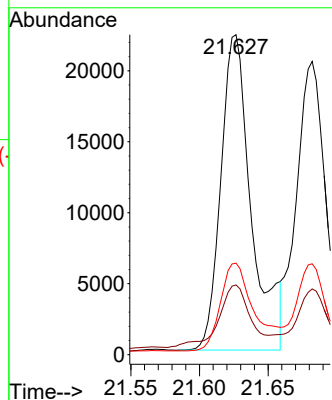
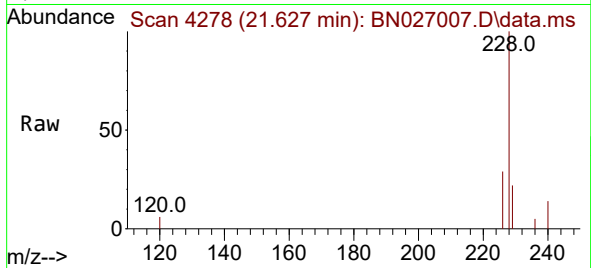




#21
Benzo(a)anthracene
Concen: 0.340 ng/ul
RT: 21.627 min Scan# 4278
Delta R.T. -0.006 min
Lab File: BN027007.D
Acq: 22 Aug 2023 00:36

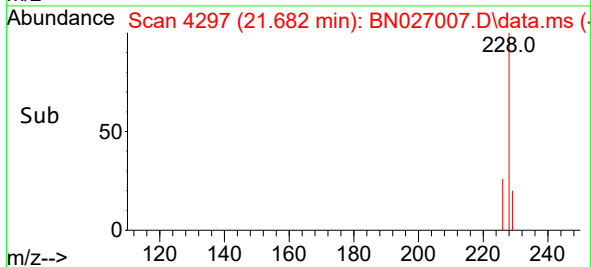
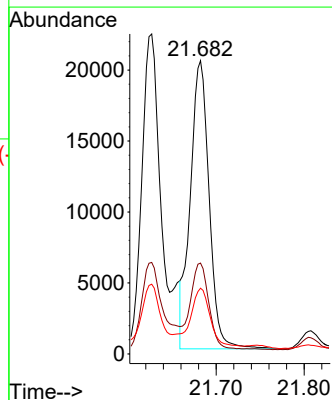
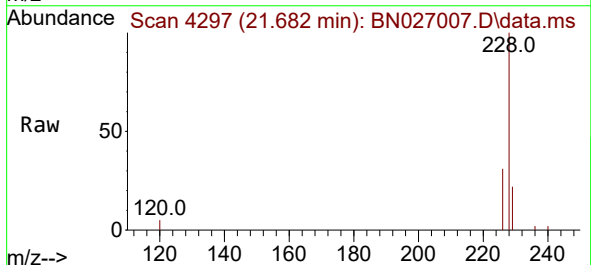
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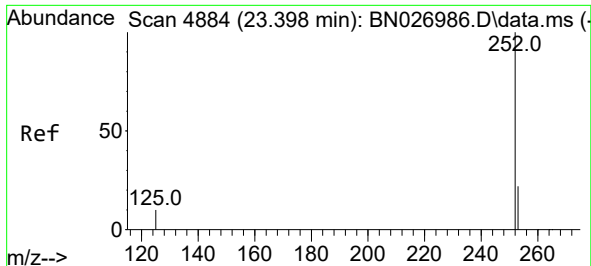
Tgt Ion:228 Resp: 34356
Ion Ratio Lower Upper
228 100
229 21.8 16.0 24.0
226 28.6 22.2 33.2



#22
Chrysene
Concen: 0.303 ng/ul
RT: 21.682 min Scan# 4297
Delta R.T. -0.009 min
Lab File: BN027007.D
Acq: 22 Aug 2023 00:36

Tgt Ion:228 Resp: 30229
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 22.4 15.8 23.6

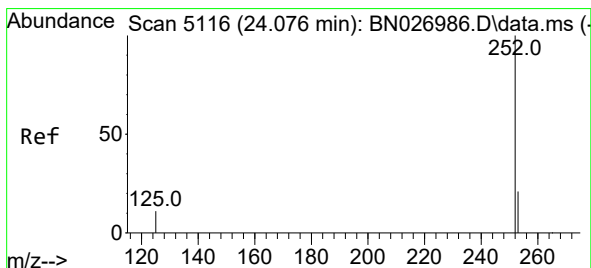
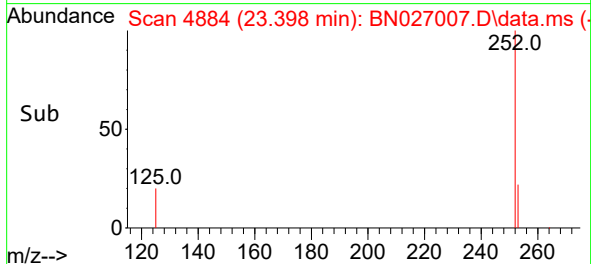
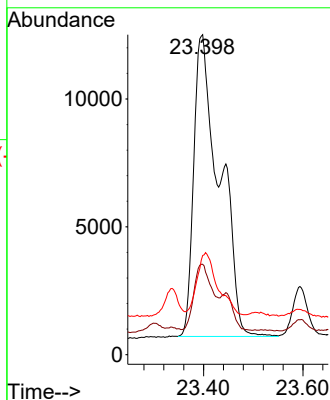
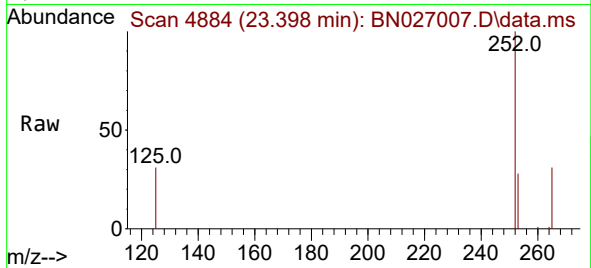




#24
Benzo(b)fluoranthene
Concen: 0.424 ng/ul
RT: 23.398 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN027007.D
Acq: 22 Aug 2023 00:36

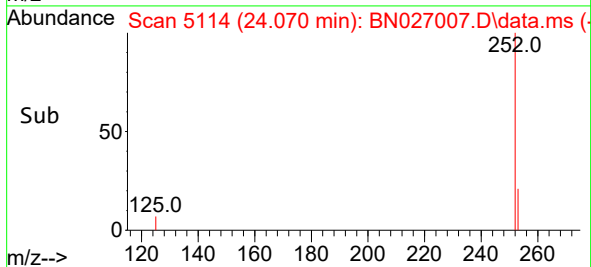
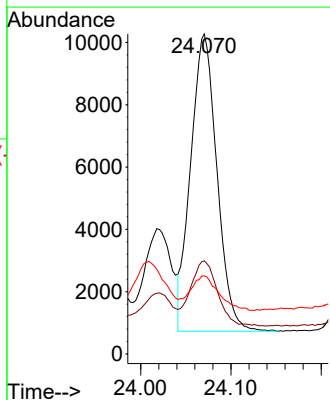
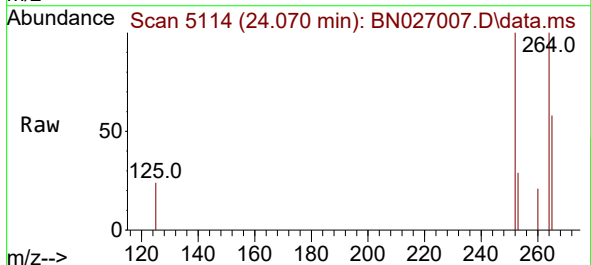
Instrument :
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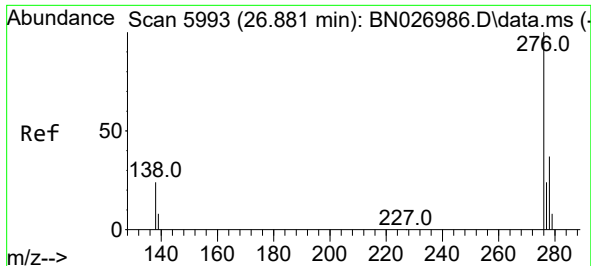
Tgt Ion:252 Resp: 42566
Ion Ratio Lower Upper
252 100
253 28.3 0.0 46.8
125 31.0 0.0 25.2#



#26
Benzo(a)pyrene
Concen: 0.213 ng/ul
RT: 24.070 min Scan# 5114
Delta R.T. -0.015 min
Lab File: BN027007.D
Acq: 22 Aug 2023 00:36

Tgt Ion:252 Resp: 19281
Ion Ratio Lower Upper
252 100
253 29.1 19.0 28.6#
125 24.4 11.4 17.0#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.078 ng/ul

RT: 26.867 min Scan# 5989

Delta R.T. -0.017 min

Lab File: BN027007.D

Acq: 22 Aug 2023 00:36

Instrument :

BNA_N

ClientSampleId :

A48M5

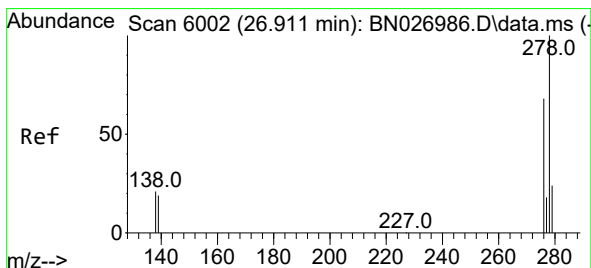
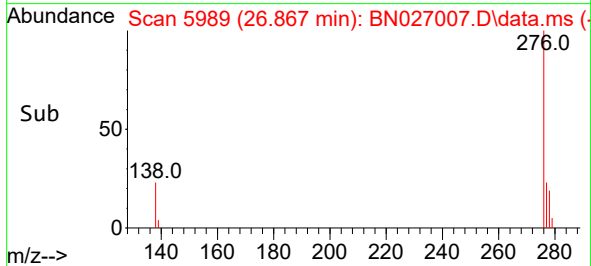
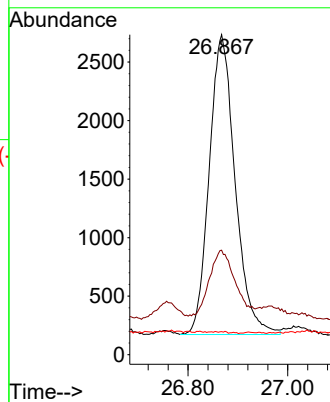
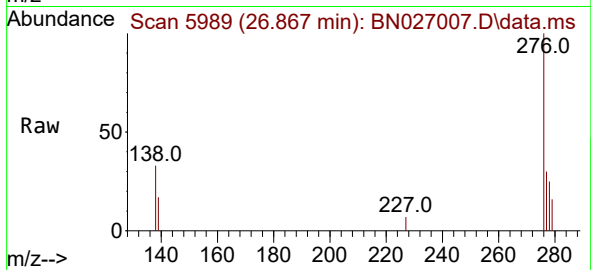
Tgt Ion:276 Resp: 9233

Ion Ratio Lower Upper

276 100

138 25.5 21.6 32.4

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.034 ng/ul

RT: 26.898 min Scan# 5998

Delta R.T. -0.024 min

Lab File: BN027007.D

Acq: 22 Aug 2023 00:36

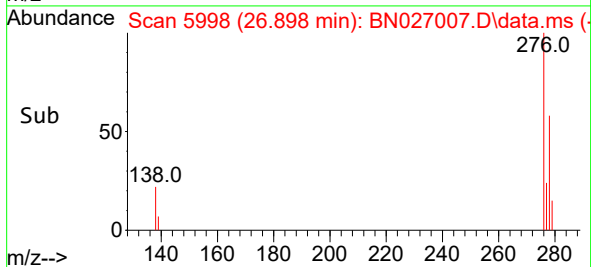
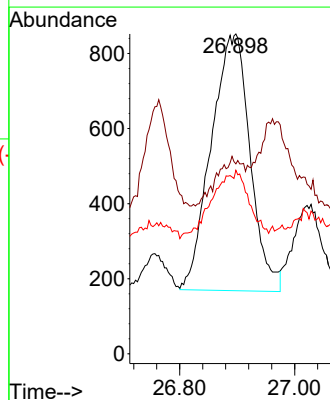
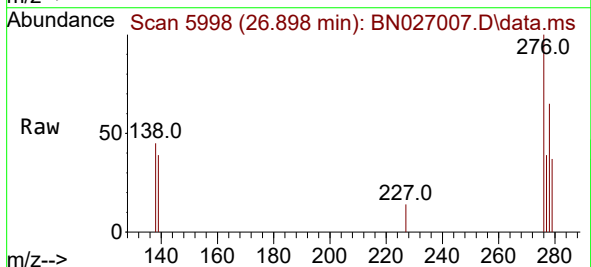
Tgt Ion:278 Resp: 3222

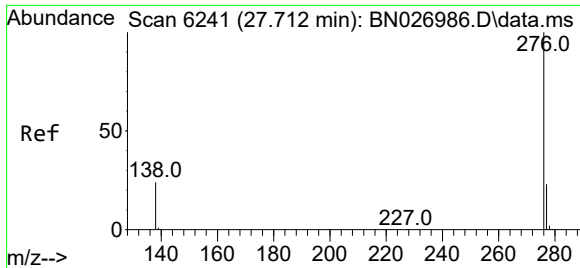
Ion Ratio Lower Upper

278 100

139 59.4 15.7 23.5#

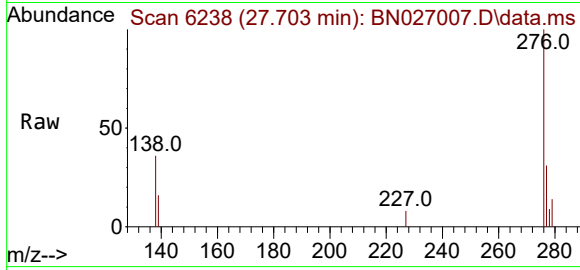
279 57.4 20.2 30.4#





#29
Benzo(g,h,i)perylene
Concen: 0.086 ng/ul
RT: 27.703 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN027007.D
Acq: 22 Aug 2023 00:36

Instrument :
BNA_N
ClientSampleId :
A48M5



Tgt Ion:276 Resp: 8517
Ion Ratio Lower Upper
276 100
138 35.9 19.3 28.9#
277 31.1 19.8 29.8#

