

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026562.D
 Acq On : 18 Jul 2023 13:39
 Operator : MA/JU
 Sample : 03458-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jul 19 00:16:29 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 19 00:15:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

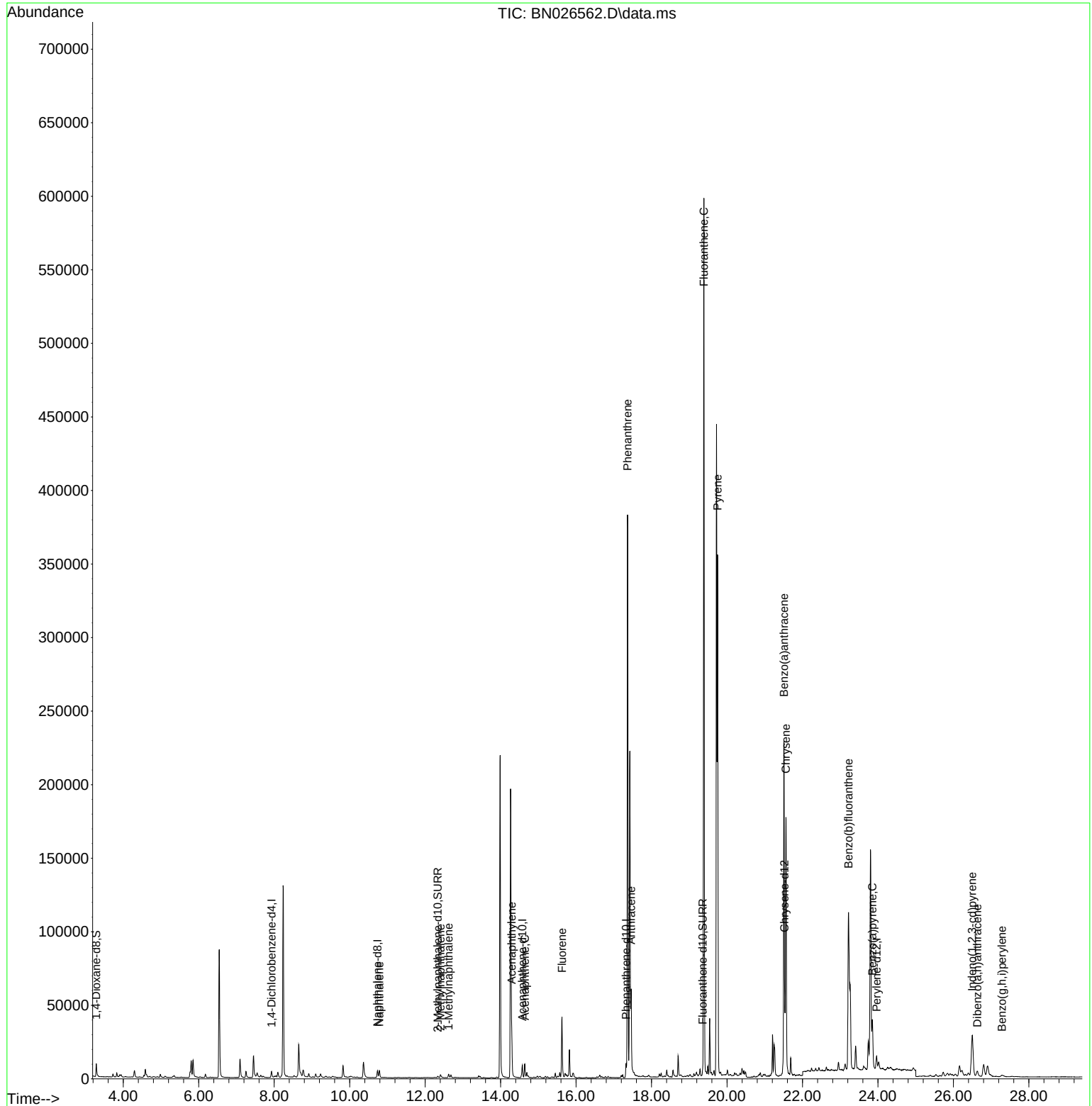
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	2394	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.737	136	7453	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.576	164	4918	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.327	188	12712	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	13616	0.400	ng/ul	#-0.01
23) Perylene-d12	23.965	264	12175	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	6327	2.007	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	1535	0.152	ng/ul	0.00
18) Fluoranthene-d10	19.355	212	5758	0.122	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.787	128	7344	0.359	ng/ul	100
7) 2-Methylnaphthalene	12.409	142	1814	0.156	ng/ul	99
8) 1-Methylnaphthalene	12.623	142	1855	0.149	ng/ul	98
10) Acenaphthylene	14.293	152	30352	1.260	ng/ul	99
11) Acenaphthene	14.640	153	5957	0.325	ng/ul	99
12) Fluorene	15.626	166	27713	1.440	ng/ul	99
15) Phenanthrene	17.365	178	405860	10.025	ng/ul	97
16) Anthracene	17.458	178	66073	1.881	ng/ul	95
19) Fluoranthene	19.387	202	523648	8.205	ng/ul#	94
20) Pyrene	19.750	202	318448	4.594	ng/ul	96
21) Benzo(a)anthracene	21.509	228	200803	4.013	ng/ul	98
22) Chrysene	21.562	228	181784	3.192	ng/ul	98
24) Benzo(b)fluoranthene	23.219	252	276314	5.825	ng/ul	81
26) Benzo(a)pyrene	23.854	252	51374	1.217	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.495	276	50763	0.917	ng/ul#	77
28) Dibenzo(a,h)anthracene	26.632	278	6089	0.143	ng/ul	93
29) Benzo(g,h,i)perylene	27.290	276	2922	0.060	ng/ul#	83

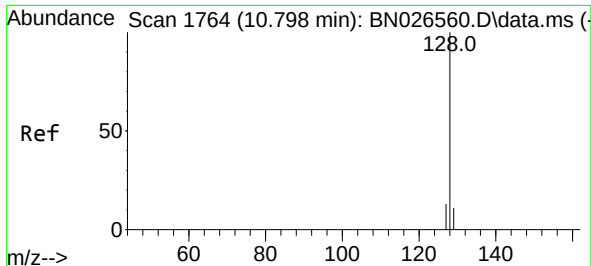
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
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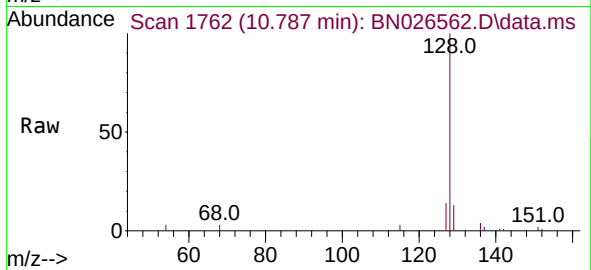
Quant Time: Jul 19 00:16:29 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration



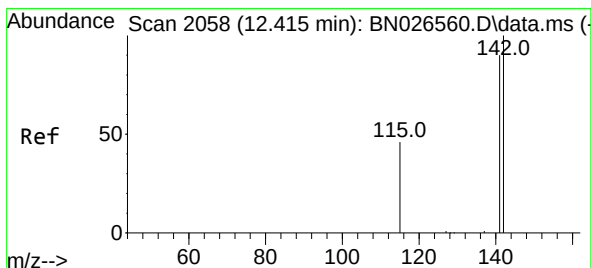
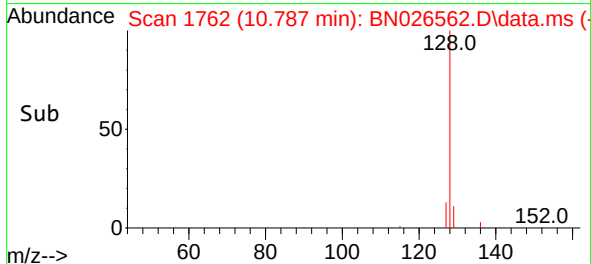
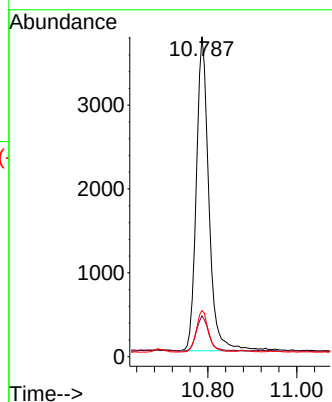


#5
Naphthalene
Concen: 0.359 ng/ul
RT: 10.787 min Scan# 1762
Delta R.T. -0.011 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

Instrument :
BNA_N
ClientSampleId :

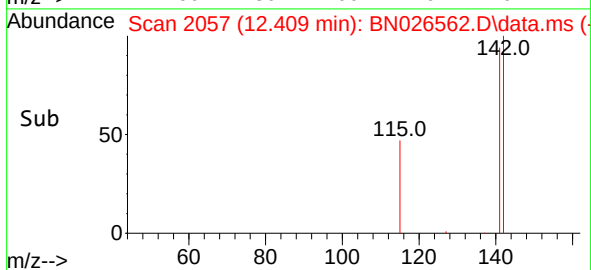
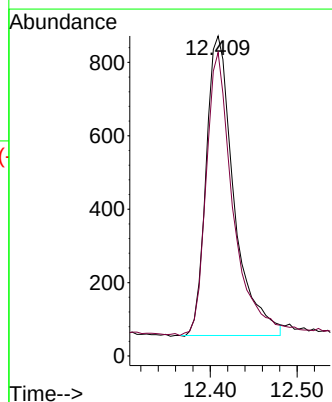
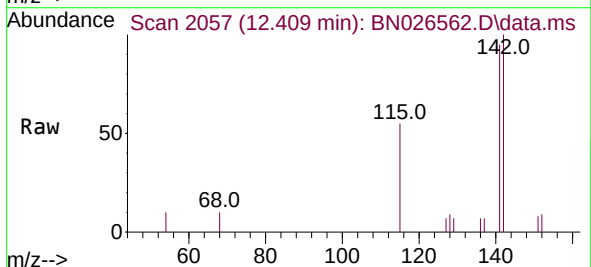


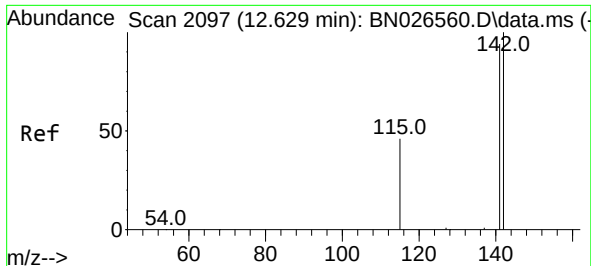
Tgt Ion:128 Resp: 7344
Ion Ratio Lower Upper
128 100
129 12.8 10.2 15.2
127 14.4 11.4 17.0



#7
2-Methylnaphthalene
Concen: 0.156 ng/ul
RT: 12.409 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

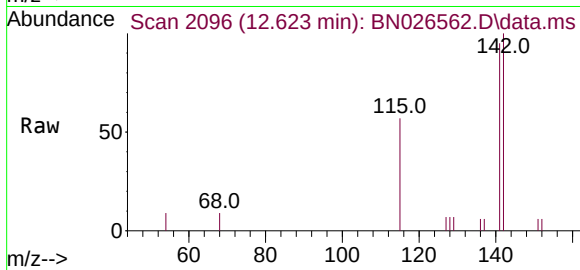
Tgt Ion:142 Resp: 1814
Ion Ratio Lower Upper
142 100
141 89.7 72.3 108.5



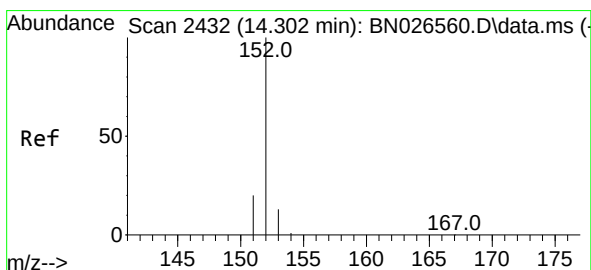
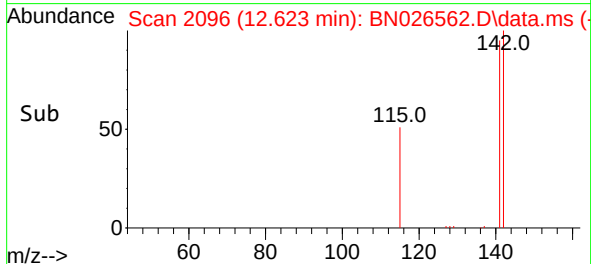
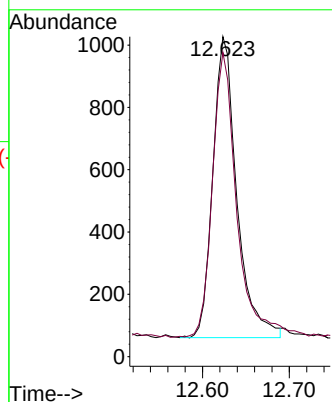


#8
1-Methylnaphthalene
Concen: 0.149 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

Instrument :
BNA_N
ClientSampleId :

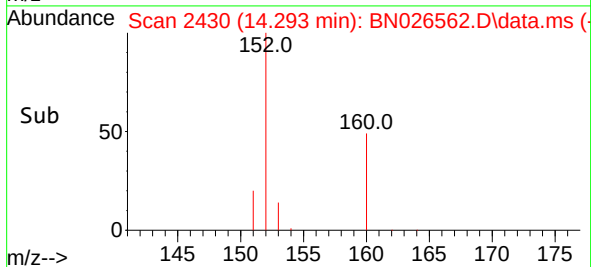
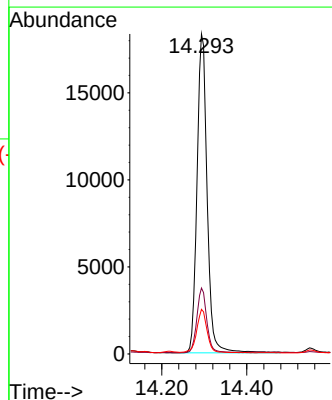
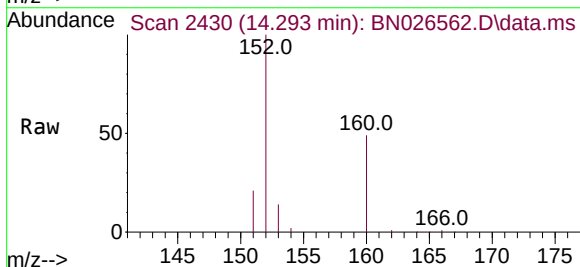


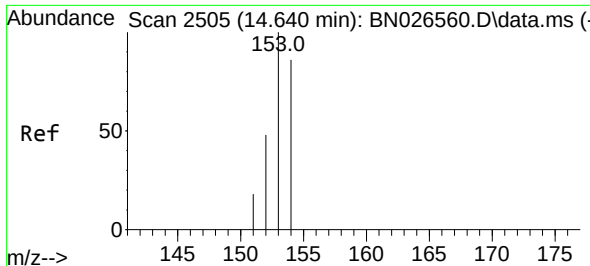
Tgt Ion:142 Resp: 1855
Ion Ratio Lower Upper
142 100
141 94.9 74.5 111.7



#10
Acenaphthylene
Concen: 1.260 ng/ul
RT: 14.293 min Scan# 2430
Delta R.T. -0.008 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

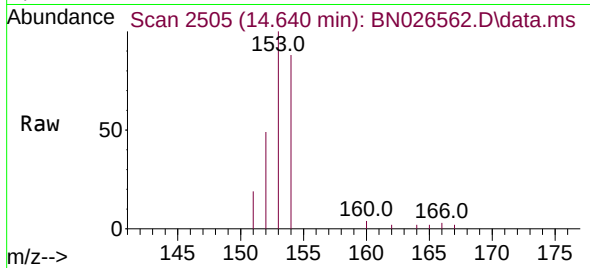
Tgt Ion:152 Resp: 30352
Ion Ratio Lower Upper
152 100
151 20.6 17.0 25.6
153 14.0 11.4 17.2



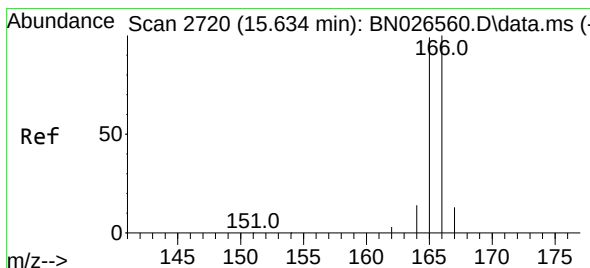
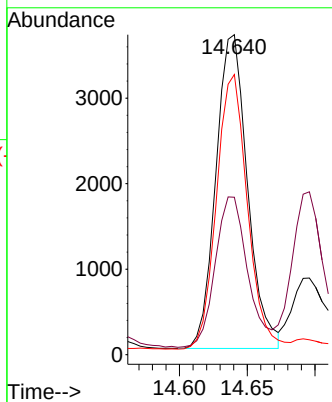
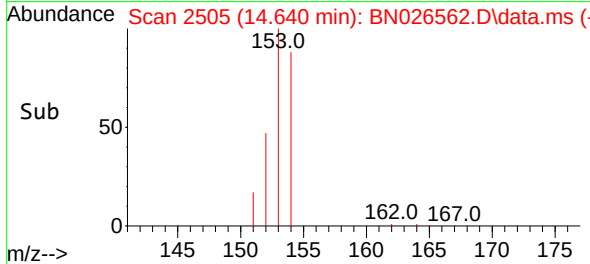


#11
Acenaphthene
Concen: 0.325 ng/ul
RT: 14.640 min Scan# 2118
Delta R.T. 0.001 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

Instrument :
BNA_N
ClientSampleId :

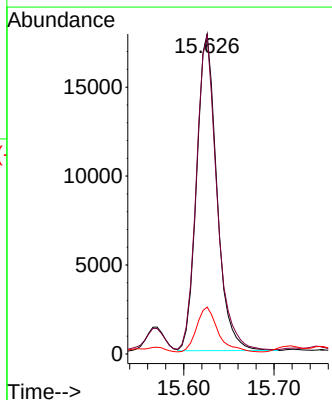
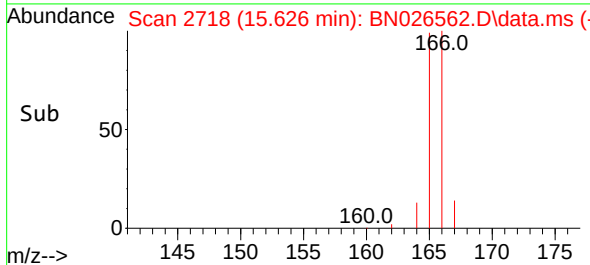
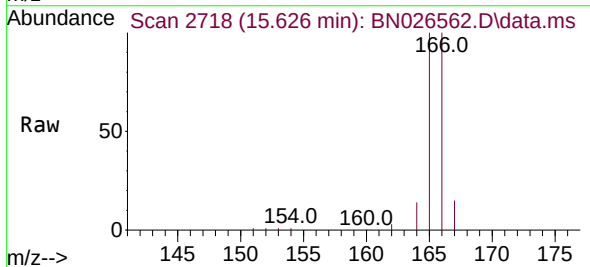


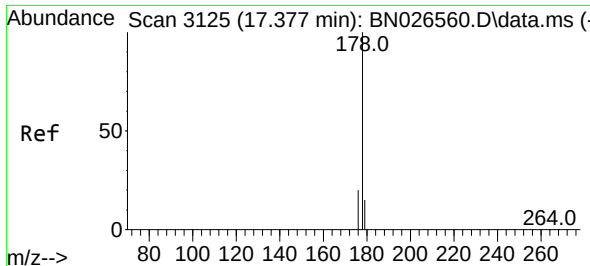
Tgt Ion:153 Resp: 5957
Ion Ratio Lower Upper
153 100
152 49.2 40.2 60.4
154 87.6 69.3 103.9



#12
Fluorene
Concen: 1.440 ng/ul
RT: 15.626 min Scan# 2718
Delta R.T. -0.008 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

Tgt Ion:166 Resp: 27713
Ion Ratio Lower Upper
166 100
165 99.6 80.6 120.8
167 14.6 12.0 18.0

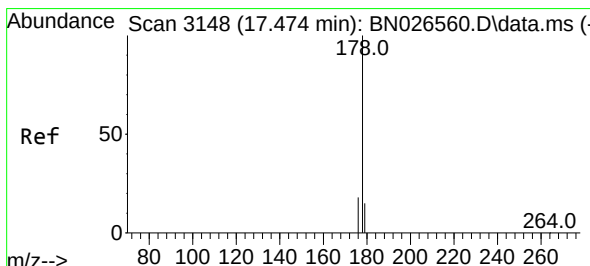
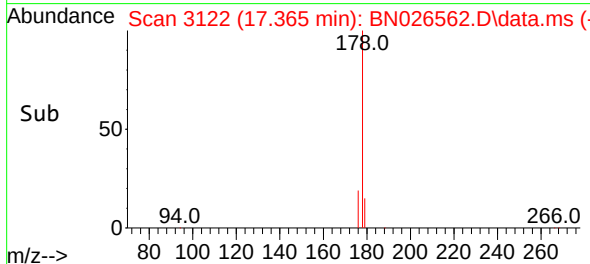
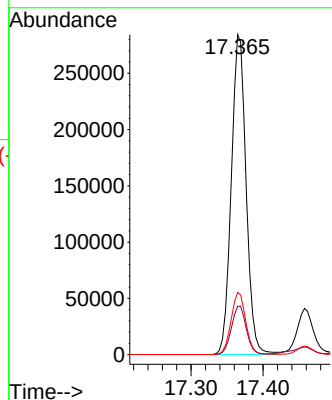
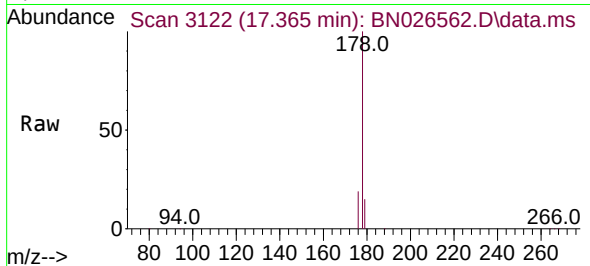




#15
Phenanthrene
Concen: 10.025 ng/ul
RT: 17.365 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

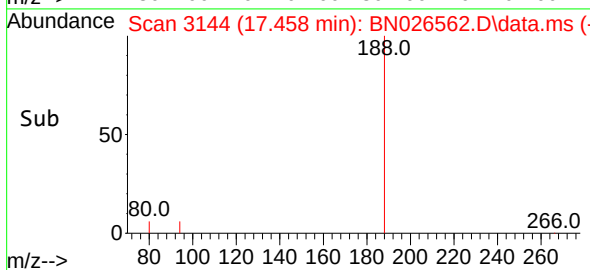
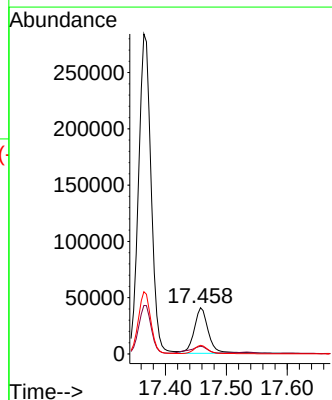
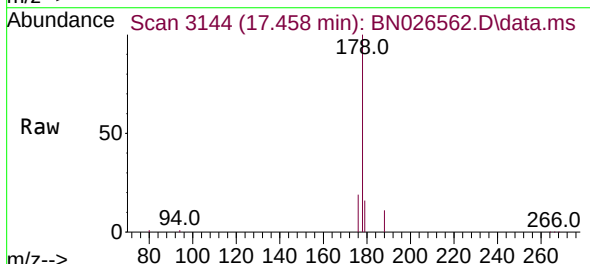
Instrument :
BNA_N
ClientSampleId :

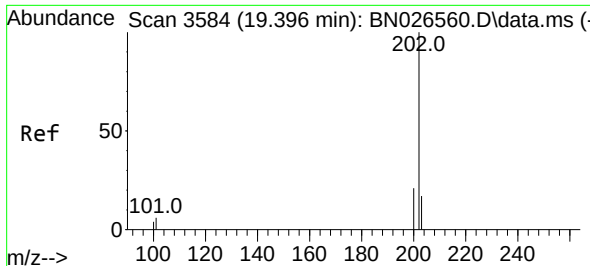
Tgt Ion:178 Resp: 405860
Ion Ratio Lower Upper
178 100
179 15.1 13.7 20.5
176 19.5 16.5 24.7



#16
Anthracene
Concen: 1.881 ng/ul
RT: 17.458 min Scan# 3144
Delta R.T. -0.016 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

Tgt Ion:178 Resp: 66073
Ion Ratio Lower Upper
178 100
179 16.5 14.8 22.2
176 18.7 16.6 25.0

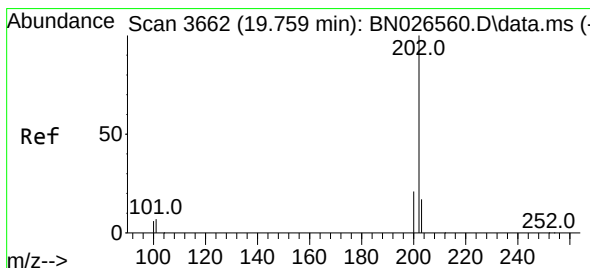
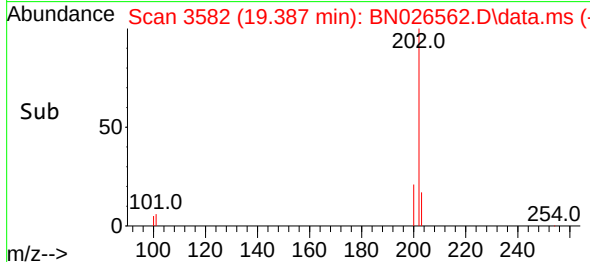
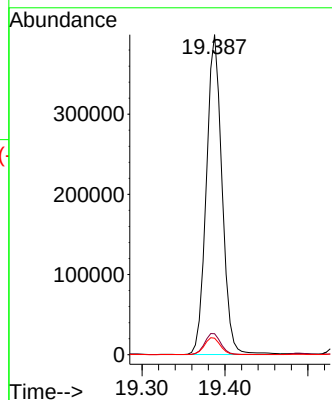
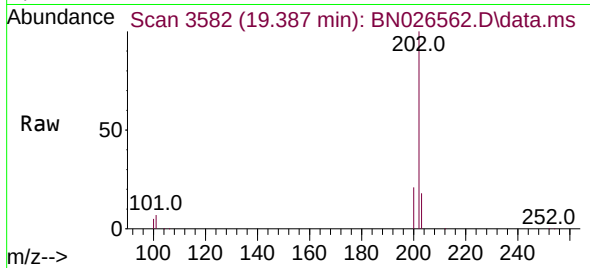




#19
Fluoranthene
Concen: 8.205 ng/u1
RT: 19.387 min Scan# 3582
Delta R.T. -0.009 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

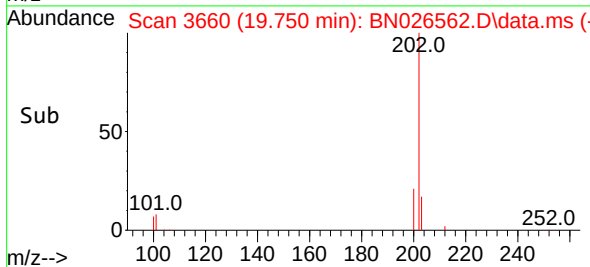
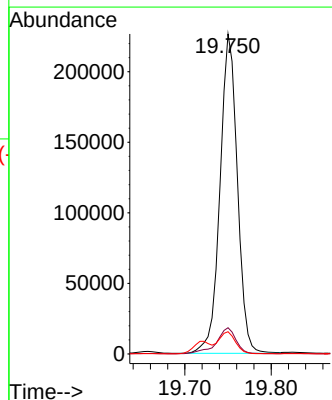
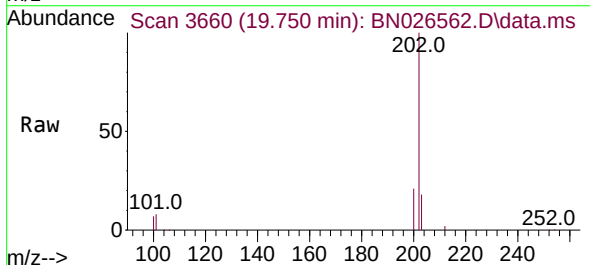
Instrument :
BNA_N
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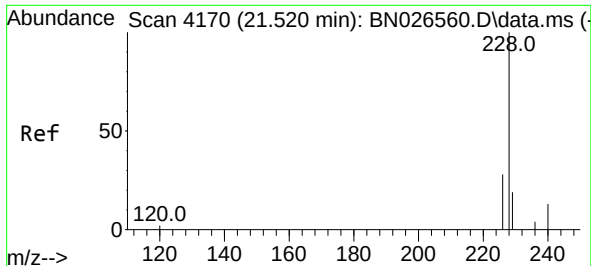
Tgt Ion:202 Resp: 523648
Ion Ratio Lower Upper
202 100
101 6.6 7.0 10.4#
100 5.1 6.0 9.0#



#20
Pyrene
Concen: 4.594 ng/u1
RT: 19.750 min Scan# 3660
Delta R.T. -0.009 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

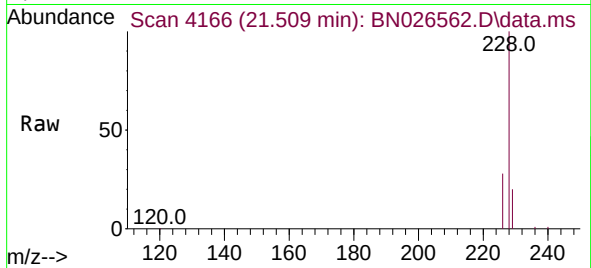
Tgt Ion:202 Resp: 318448
Ion Ratio Lower Upper
202 100
101 8.2 8.0 12.0
100 7.0 6.2 9.2



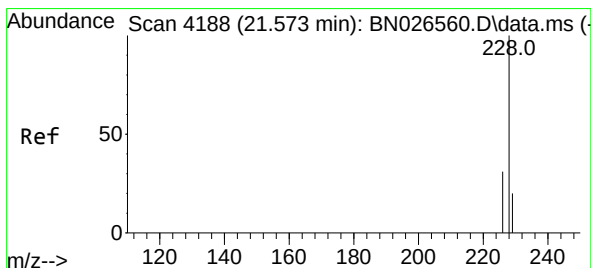
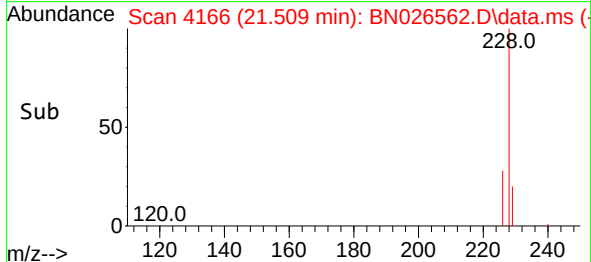
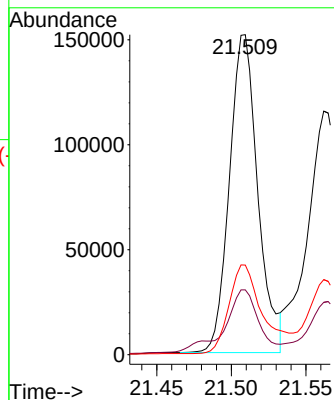


#21
Benzo(a)anthracene
Concen: 4.013 ng/ul
RT: 21.509 min Scan# 4166
Delta R.T. -0.011 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

Instrument :
BNA_N
ClientSampleId :

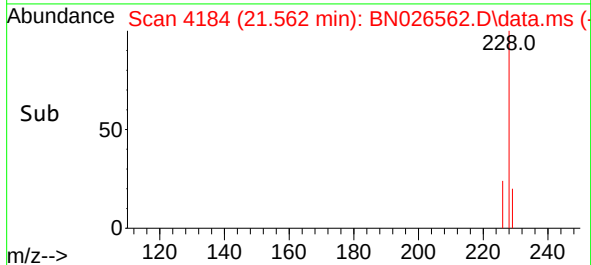
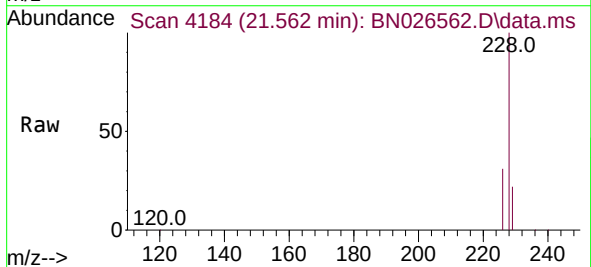
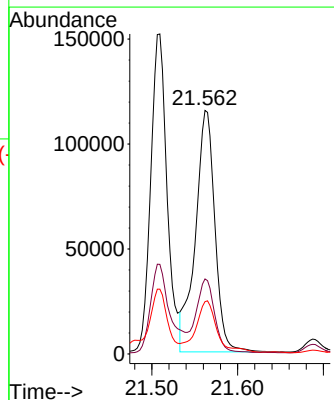


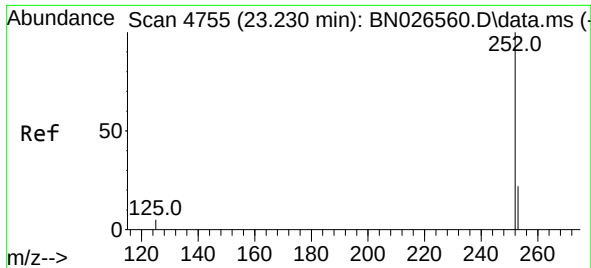
Tgt Ion:228 Resp: 200803
Ion Ratio Lower Upper
228 100
229 20.2 16.7 25.1
226 28.0 23.5 35.3



#22
Chrysene
Concen: 3.192 ng/ul
RT: 21.562 min Scan# 4184
Delta R.T. -0.011 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

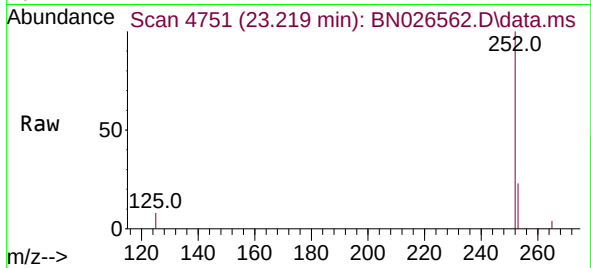
Tgt Ion:228 Resp: 181784
Ion Ratio Lower Upper
228 100
226 30.8 25.2 37.8
229 21.5 16.4 24.6



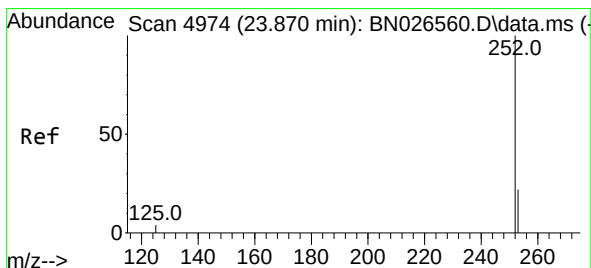
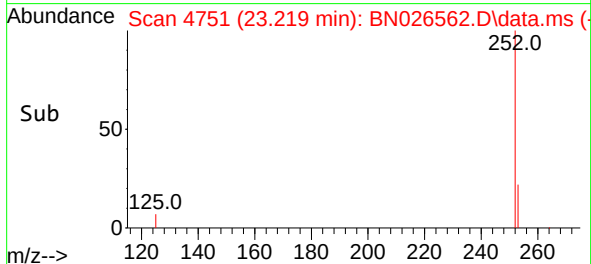
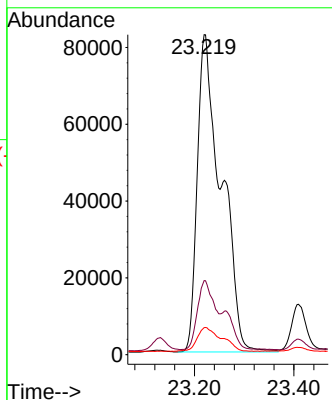


#24
Benzo(b)fluoranthene
Concen: 5.825 ng/ul
RT: 23.219 min Scan# 4751
Delta R.T. -0.011 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

Instrument :
BNA_N
ClientSampleId :

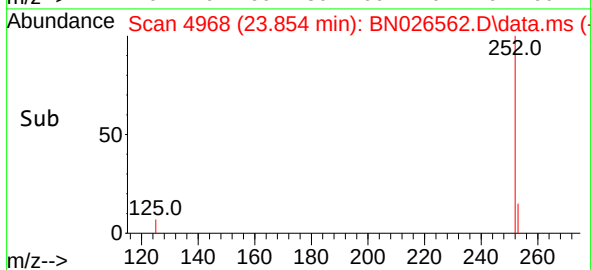
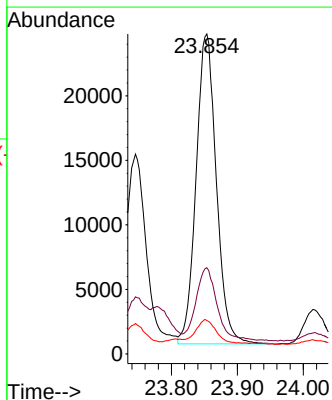
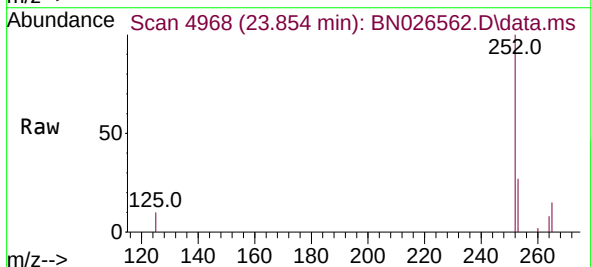


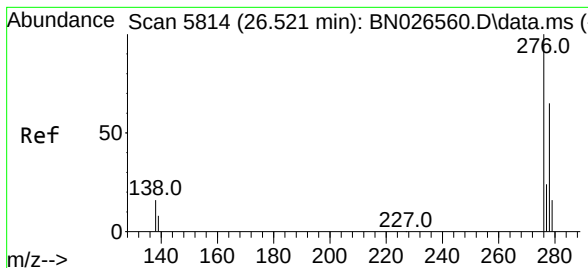
Tgt Ion:252 Resp: 276314
Ion Ratio Lower Upper
252 100
253 23.2 0.0 68.6
125 8.5 0.0 34.0



#26
Benzo(a)pyrene
Concen: 1.217 ng/ul
RT: 23.854 min Scan# 4968
Delta R.T. -0.017 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

Tgt Ion:252 Resp: 51374
Ion Ratio Lower Upper
252 100
253 26.9 32.6 49.0#
125 10.4 19.3 28.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.917 ng/ul

RT: 26.495 min Scan# 5806

Delta R.T. -0.026 min

Lab File: BN026562.D

Acq: 18 Jul 2023 13:39

Instrument :

BNA_N

ClientSampleId :

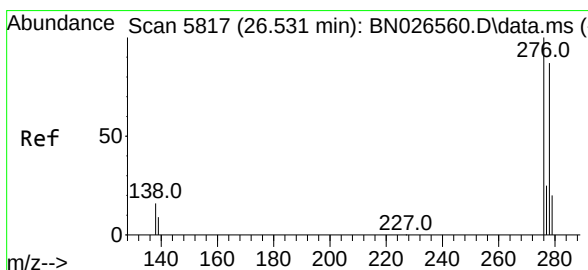
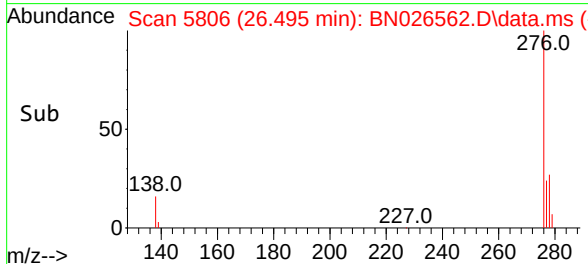
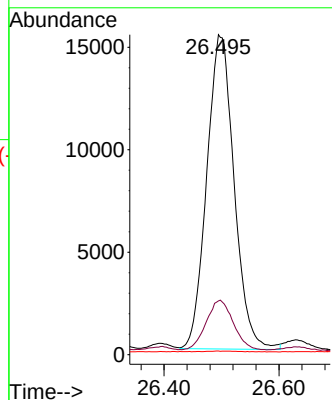
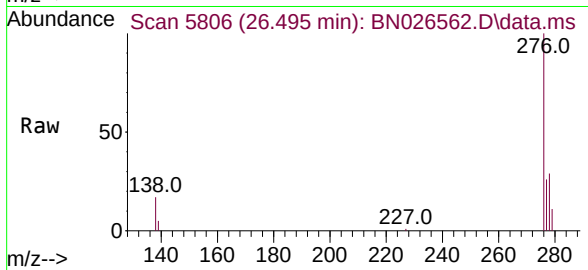
Tgt Ion:276 Resp: 50763

Ion Ratio Lower Upper

276 100

138 15.7 22.2 33.4#

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.143 ng/ul

RT: 26.632 min Scan# 5847

Delta R.T. 0.101 min

Lab File: BN026562.D

Acq: 18 Jul 2023 13:39

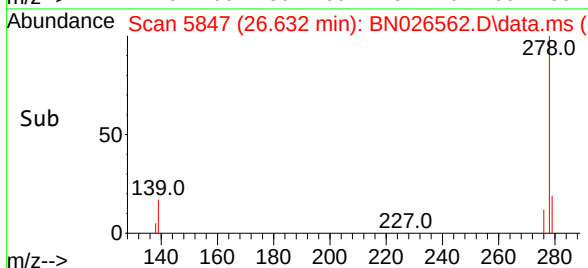
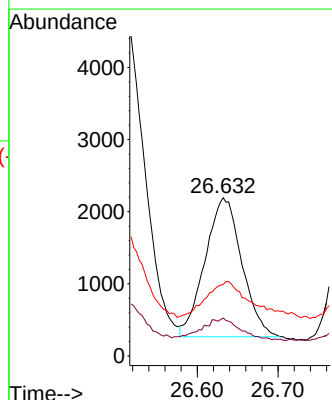
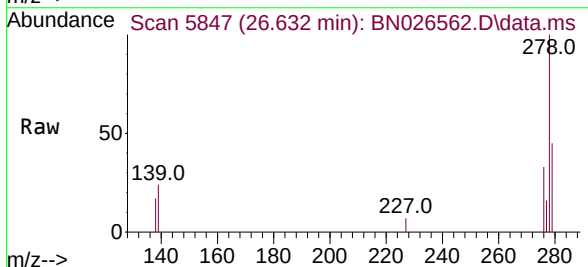
Tgt Ion:278 Resp: 6089

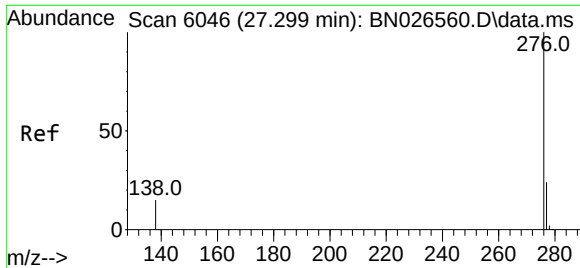
Ion Ratio Lower Upper

278 100

139 24.0 18.9 28.3

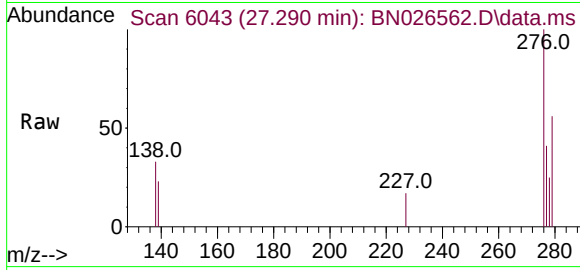
279 45.2 31.3 46.9





#29
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 27.290 min Scan# 6046
Delta R.T. -0.009 min
Lab File: BN026562.D
Acq: 18 Jul 2023 13:39

Instrument :
BNA_N
ClientSampleId :



Tgt Ion:276 Resp: 2922
Ion Ratio Lower Upper
276 100
138 33.0 22.6 34.0
277 40.8 21.8 32.8#

