

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027831.D
 Acq On : 22 Sep 2023 19:05
 Operator : MA/JU
 Sample : 04387-05
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB0

Quant Time: Sep 23 03:49:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

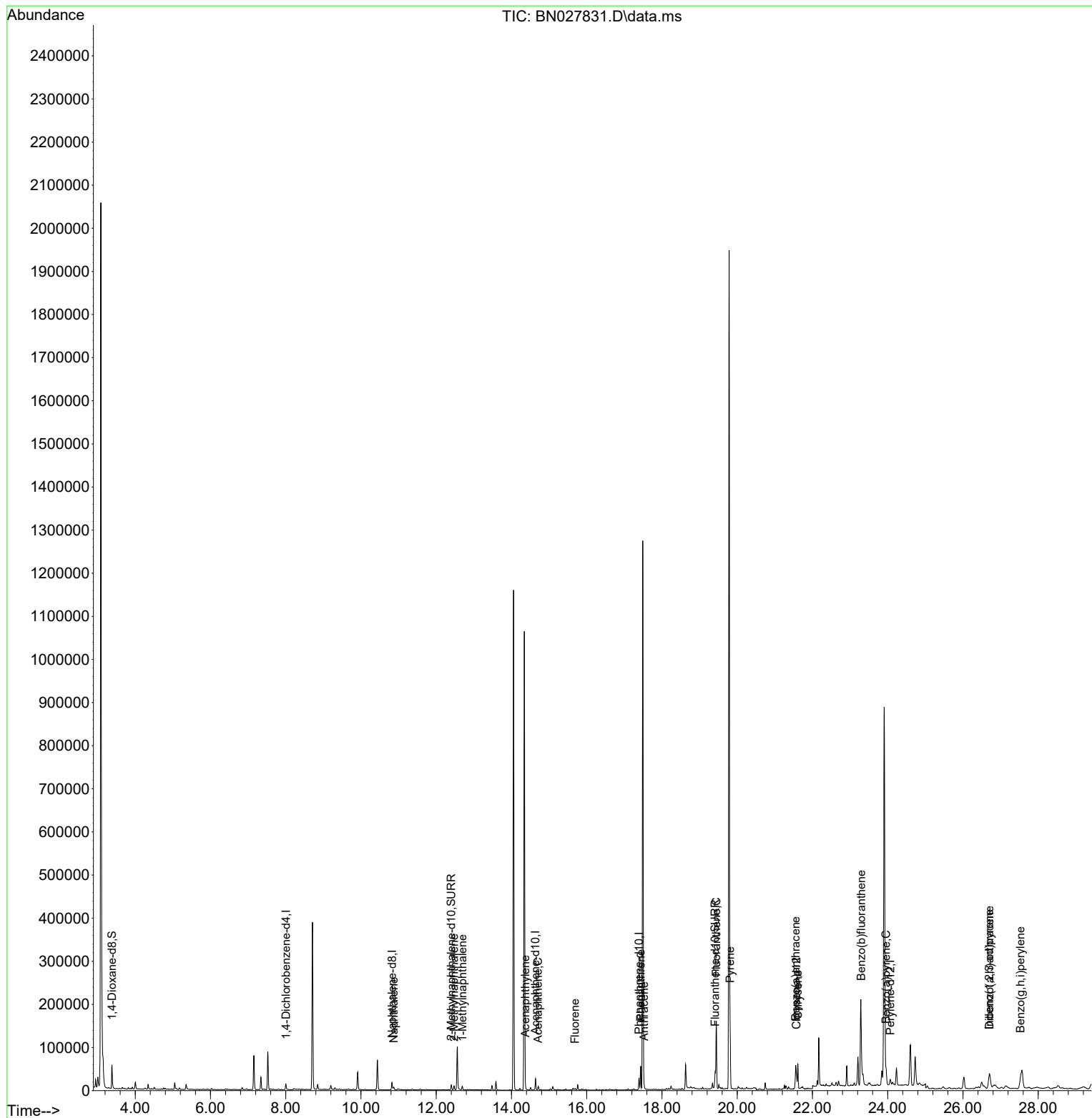
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	6643	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	22354	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	13769	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	31037	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	22408	0.400	ng/ul	# 0.00
23) Perylene-d12	24.067	264	20200	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	36113	4.316	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	14297	0.422	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	34779	0.508	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	7030	0.110	ng/ul#	95
7) 2-Methylnaphthalene	12.473	142	6535	0.161	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	5451	0.130	ng/ul	100
10) Acenaphthylene	14.370	152	5087	0.085	ng/ul#	92
11) Acenaphthene	14.703	153	2129	0.041	ng/ul#	2
12) Fluorene	15.688	166	2021	0.033	ng/ul#	97
15) Phenanthrene	17.434	178	54966	0.564	ng/ul	99
16) Anthracene	17.527	178	6564	0.080	ng/ul#	91
19) Fluoranthene	19.445	202	132942	1.467	ng/ul	98
20) Pyrene	19.812	202	110700	1.186	ng/ul	97
21) Benzo(a)anthracene	21.553	228	45848	0.529	ng/ul	97
22) Chrysene	21.609	228	58357	0.651	ng/ul	97
24) Benzo(b)fluoranthene	23.295	252	107350	1.192	ng/ul#	1
26) Benzo(a)pyrene	23.956	252	43926	0.607	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.700	276	39272	0.423	ng/ul#	33
28) Dibenzo(a,h)anthracene	26.706	278	9485	0.127	ng/ul#	1
29) Benzo(g,h,i)perylene	27.525	276	47977	0.609	ng/ul#	70

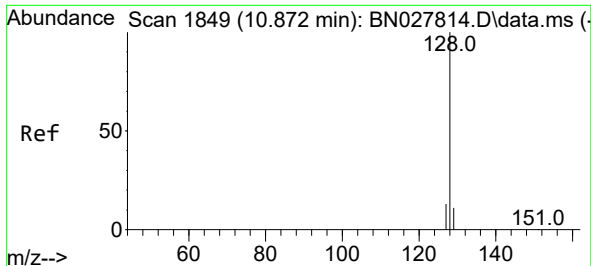
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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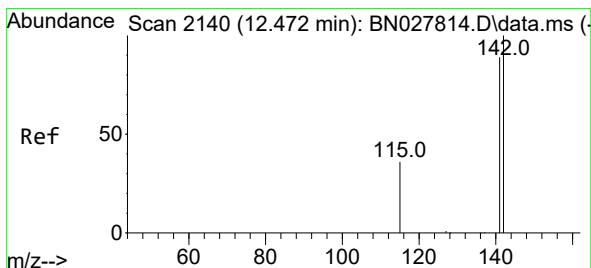
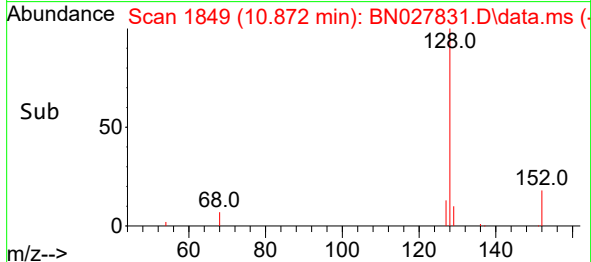
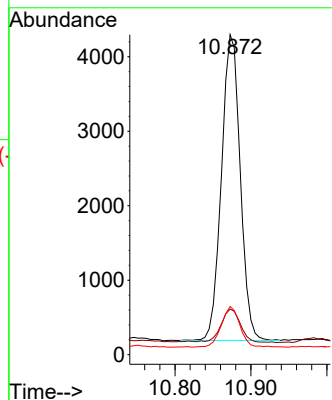
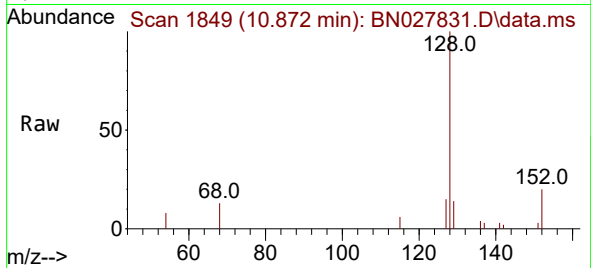




#5
Naphthalene
Concen: 0.110 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

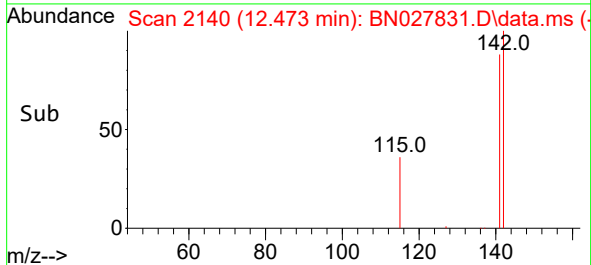
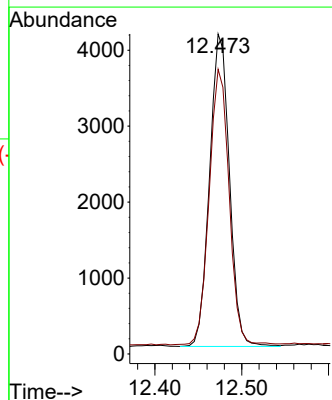
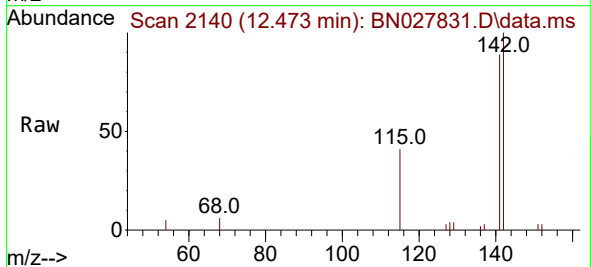
Instrument :
BNA_N
ClientSampleId :
C0AB0

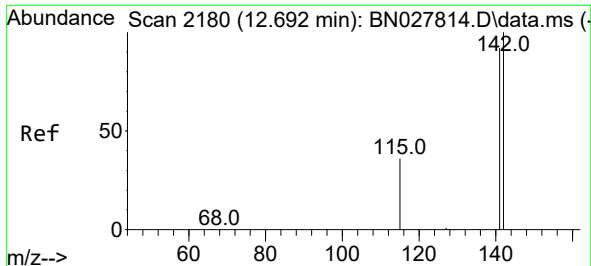
Tgt Ion:128 Resp: 7030
Ion Ratio Lower Upper
128 100
129 14.2 9.3 13.9#
127 15.0 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.161 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

Tgt Ion:142 Resp: 6535
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7

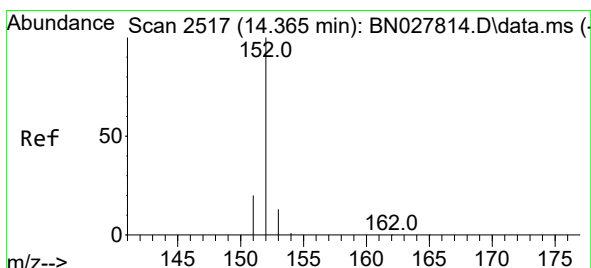
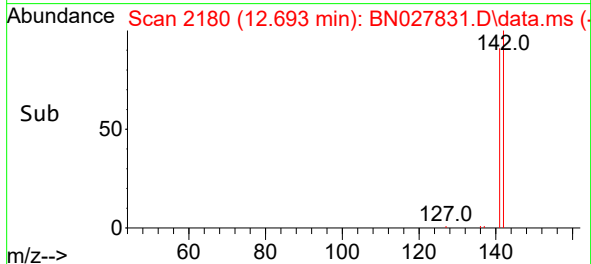
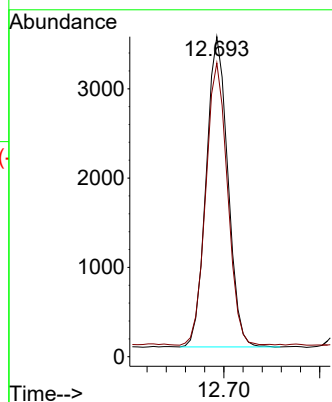
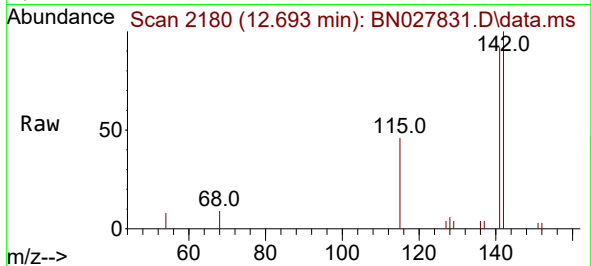




#8
1-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.693 min Scan# 2180
Delta R.T. -0.005 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

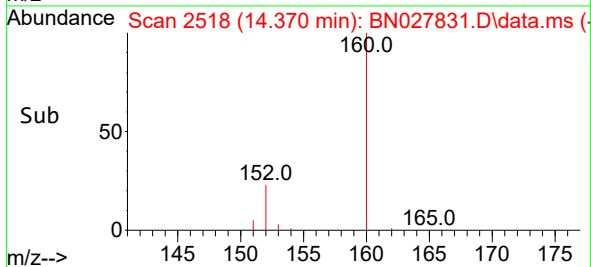
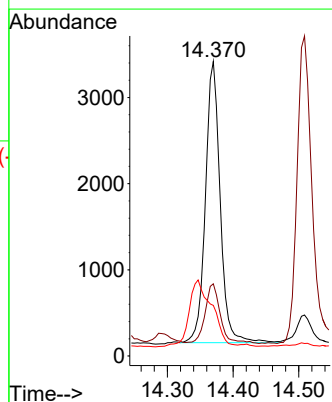
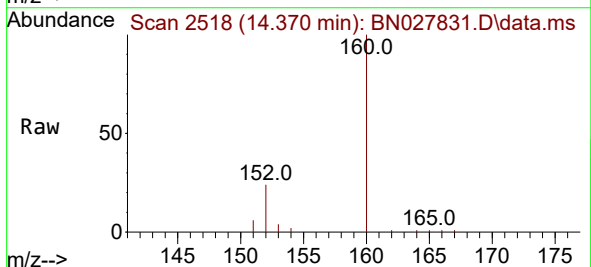
Instrument :
BNA_N
ClientSampleId :
C0AB0

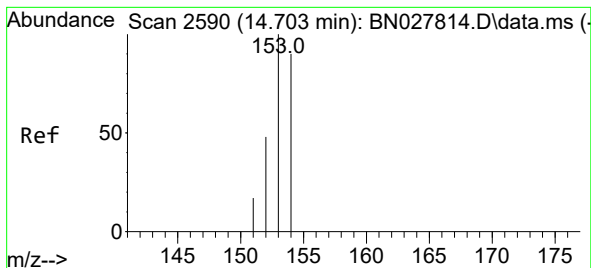
Tgt Ion:142 Resp: 5451
Ion Ratio Lower Upper
142 100
141 91.1 72.8 109.2



#10
Acenaphthylene
Concen: 0.085 ng/ul
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

Tgt Ion:152 Resp: 5087
Ion Ratio Lower Upper
152 100
151 24.5 16.6 25.0
153 17.2 11.0 16.6#





#11

Acenaphthene

Concen: 0.041 ng/ul

RT: 14.703 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN027831.D

Acq: 22 Sep 2023 19:05

Instrument :

BNA_N

ClientSampleId :

C0AB0

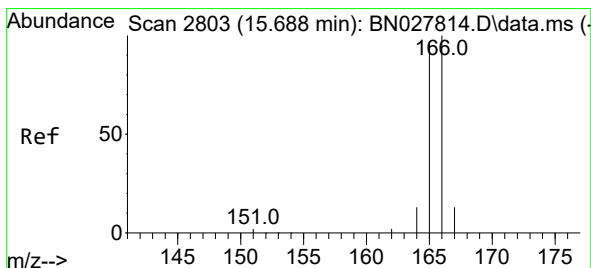
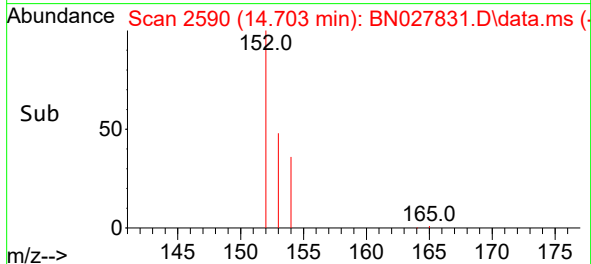
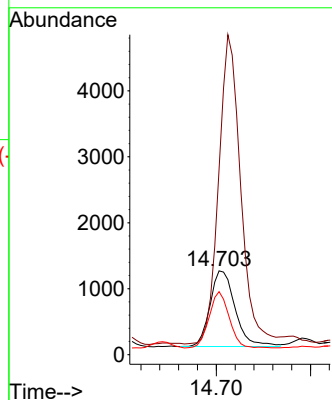
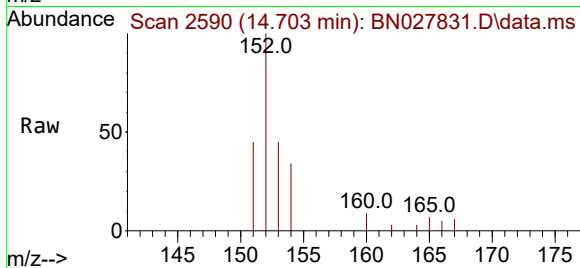
Tgt Ion:153 Resp: 2129

Ion Ratio Lower Upper

153 100

152 221.2 41.7 62.5#

154 75.1 70.3 105.5



#12

Fluorene

Concen: 0.033 ng/ul

RT: 15.688 min Scan# 2803

Delta R.T. 0.000 min

Lab File: BN027831.D

Acq: 22 Sep 2023 19:05

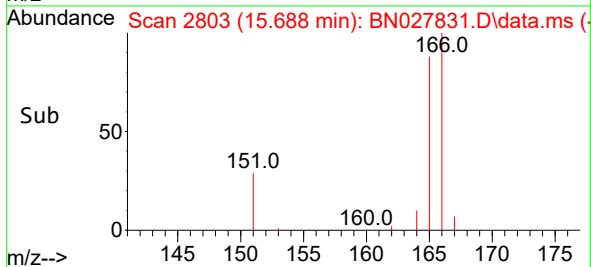
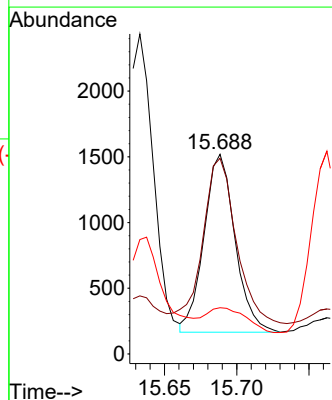
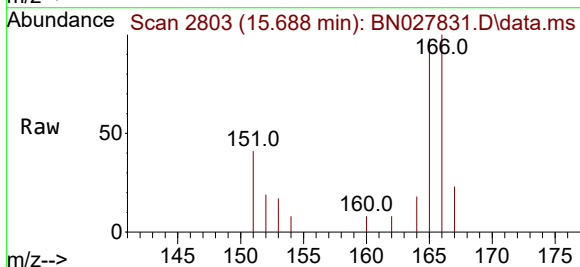
Tgt Ion:166 Resp: 2021

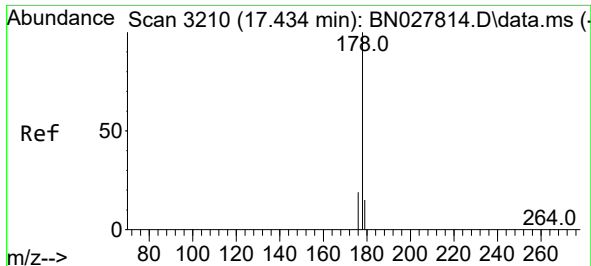
Ion Ratio Lower Upper

166 100

165 98.0 78.0 117.0

167 23.2 11.4 17.2#

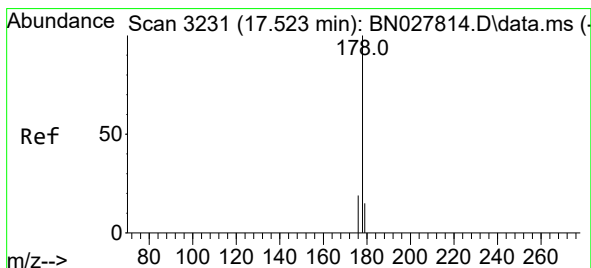
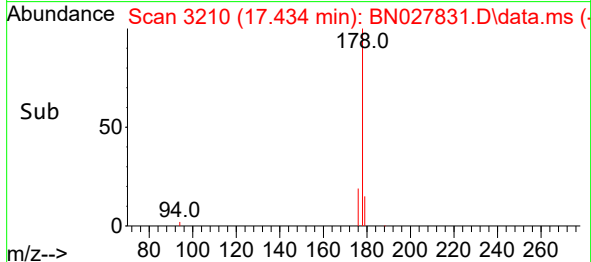
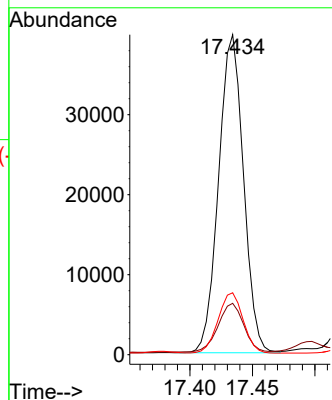
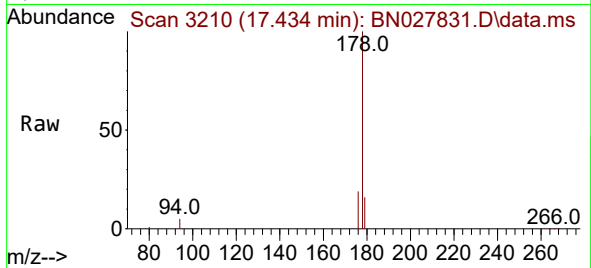




#15
Phenanthrene
Concen: 0.564 ng/ul
RT: 17.434 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

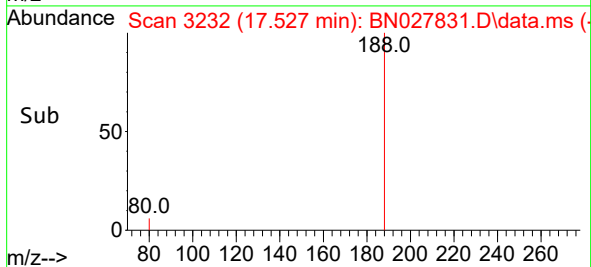
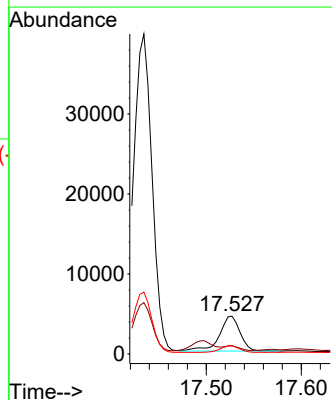
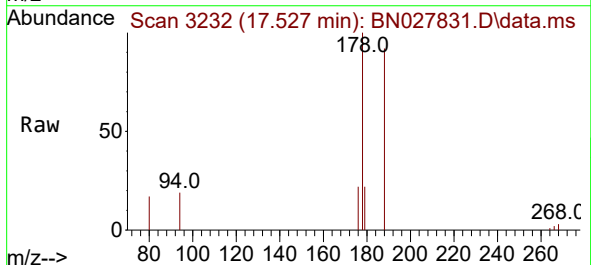
Instrument :
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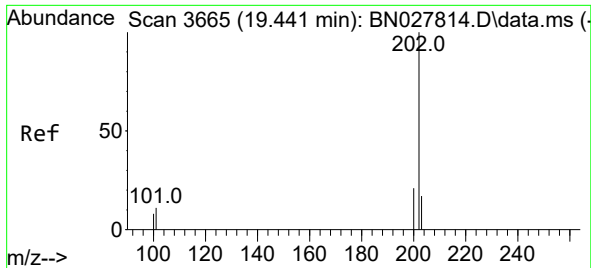
Tgt Ion:178 Resp: 54966
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.3 16.0 24.0



#16
Anthracene
Concen: 0.080 ng/ul
RT: 17.527 min Scan# 3232
Delta R.T. -0.000 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

Tgt Ion:178 Resp: 6564
Ion Ratio Lower Upper
178 100
179 21.5 12.6 19.0#
176 21.6 15.5 23.3

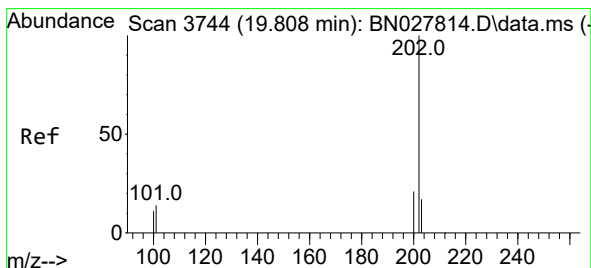
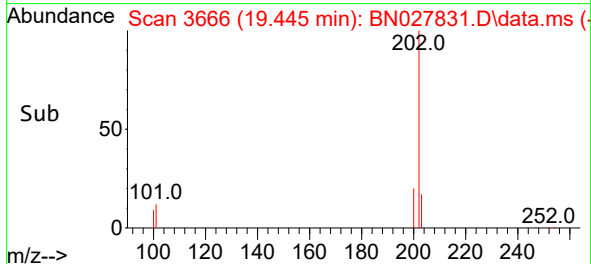
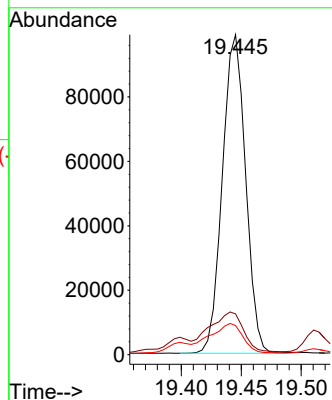
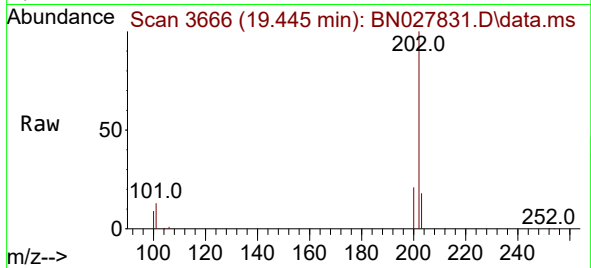




#19
Fluoranthene
Concen: 1.467 ng/ul
RT: 19.445 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

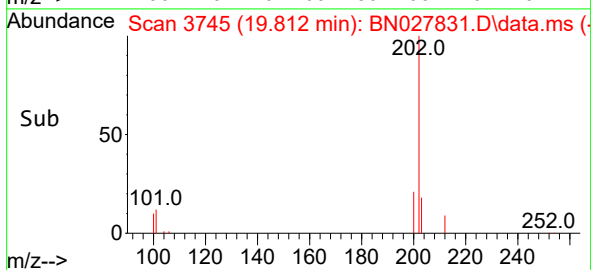
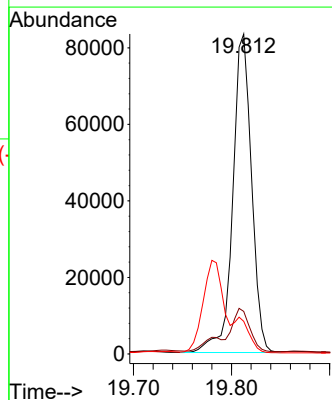
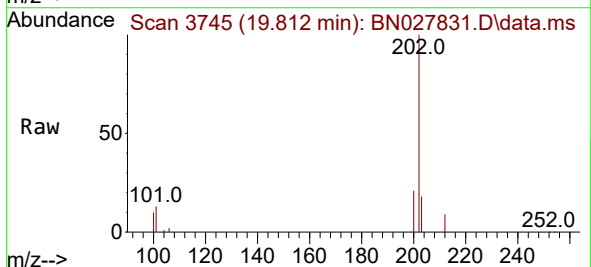
Instrument :
BNA_N
ClientSampleId :
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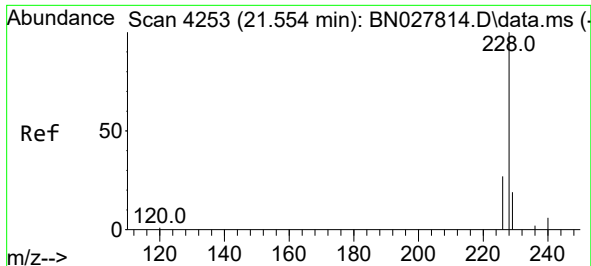
Tgt Ion:202 Resp: 132942
Ion Ratio Lower Upper
202 100
101 12.7 9.3 13.9
100 9.1 7.0 10.4



#20
Pyrene
Concen: 1.186 ng/ul
RT: 19.812 min Scan# 3745
Delta R.T. -0.000 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

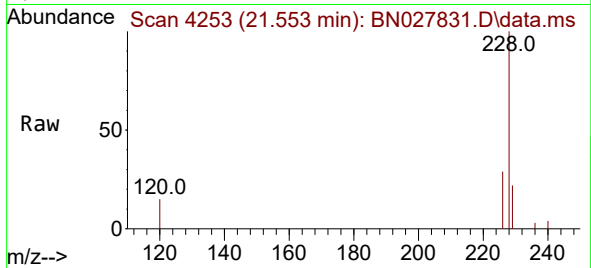
Tgt Ion:202 Resp: 110700
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.2 9.1 13.7



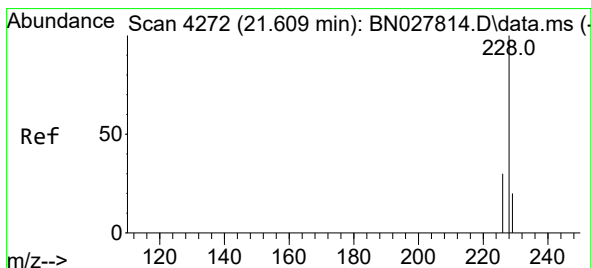
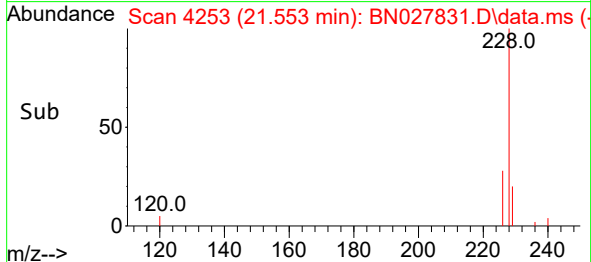
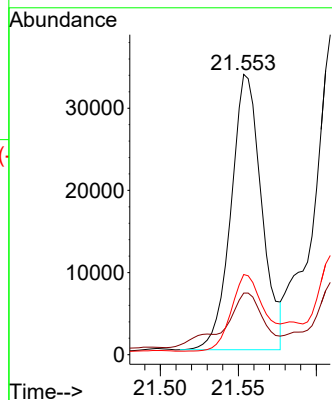


#21
Benzo(a)anthracene
Concen: 0.529 ng/ul
RT: 21.553 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

Instrument :
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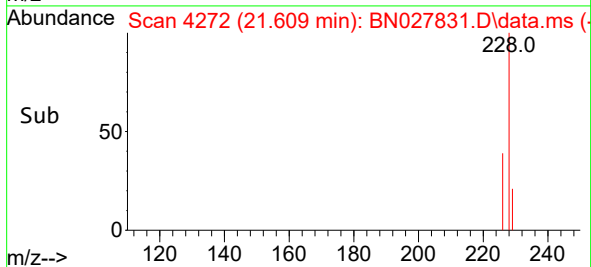
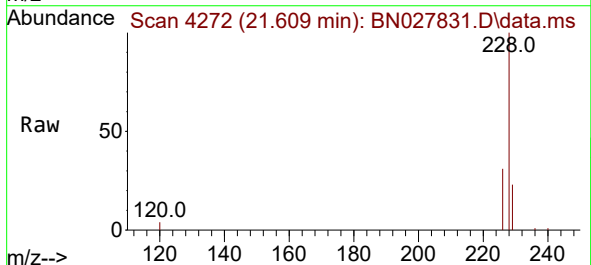
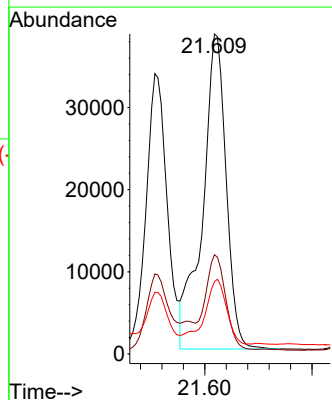


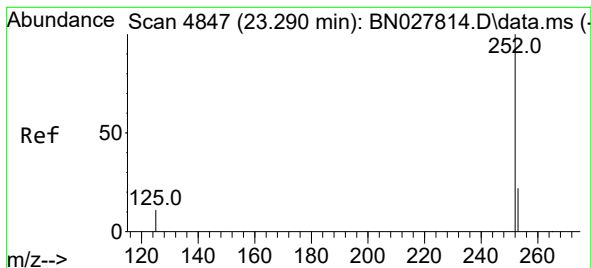
Tgt Ion:228 Resp: 45848
Ion Ratio Lower Upper
228 100
229 22.0 15.8 23.8
226 28.6 22.0 33.0



#22
Chrysene
Concen: 0.651 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. -0.000 min
Lab File: BN027831.D
Acq: 22 Sep 2023 19:05

Tgt Ion:228 Resp: 58357
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 22.6 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 1.192 ng/ul

RT: 23.295 min Scan# 4847

Delta R.T. 0.006 min

Lab File: BN027831.D

Acq: 22 Sep 2023 19:05

Instrument :

BNA_N

ClientSampleId :

COAB0

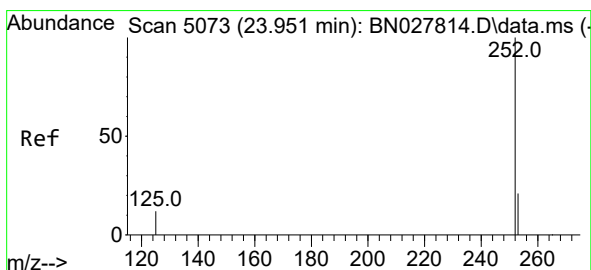
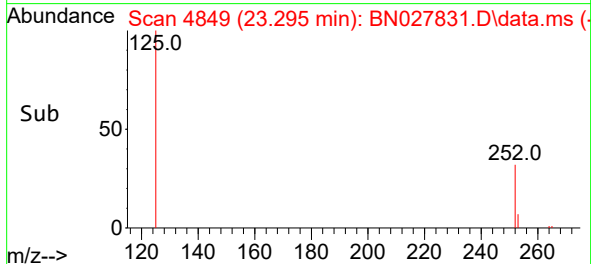
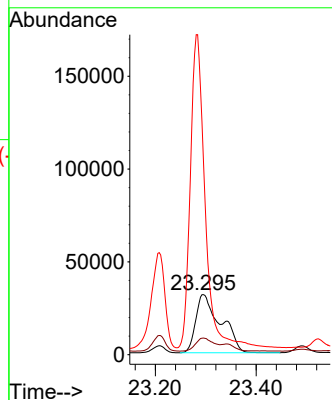
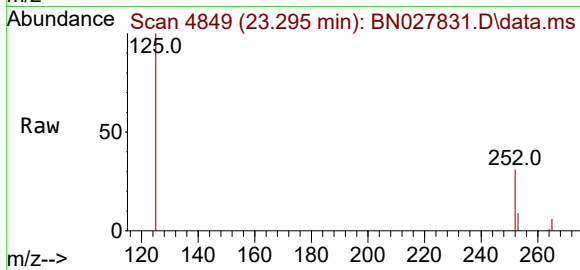
Tgt Ion:252 Resp: 107350

Ion Ratio Lower Upper

252 100

253 27.8 0.0 50.2

125 318.4 0.0 31.4#



#26

Benzo(a)pyrene

Concen: 0.607 ng/ul

RT: 23.956 min Scan# 5075

Delta R.T. 0.006 min

Lab File: BN027831.D

Acq: 22 Sep 2023 19:05

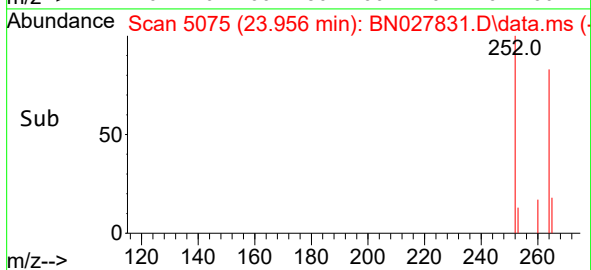
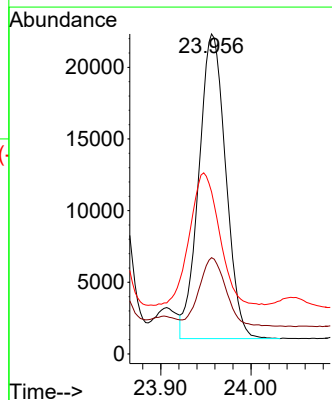
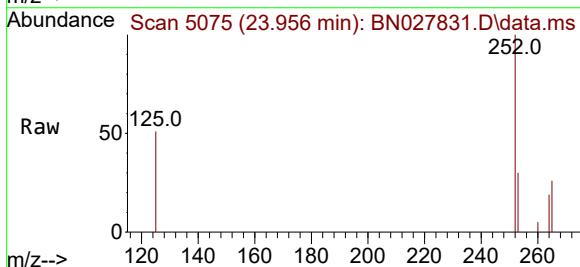
Tgt Ion:252 Resp: 43926

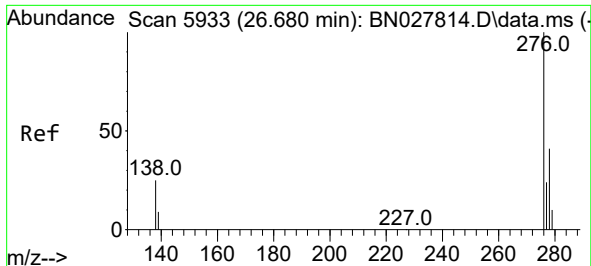
Ion Ratio Lower Upper

252 100

253 30.1 21.9 32.9

125 50.7 15.5 23.3#

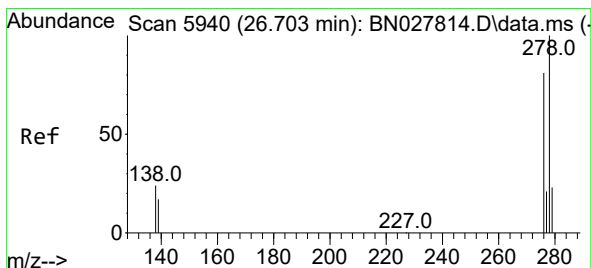
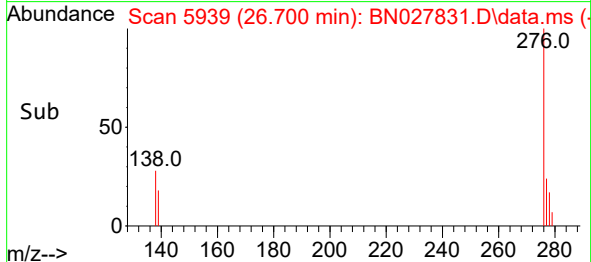
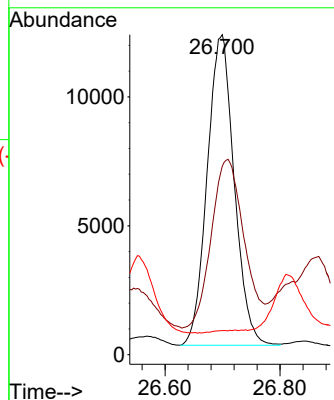
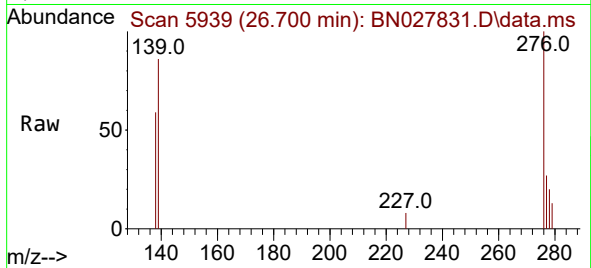




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.423 ng/ul
 RT: 26.700 min Scan# 5939
 Delta R.T. 0.017 min
 Lab File: BN027831.D
 Acq: 22 Sep 2023 19:05

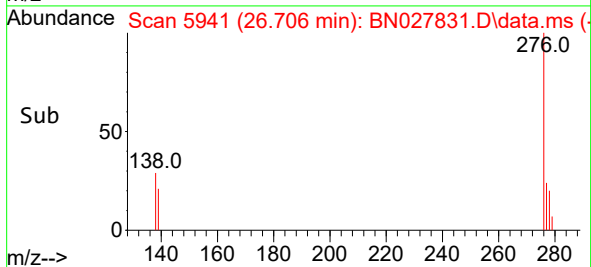
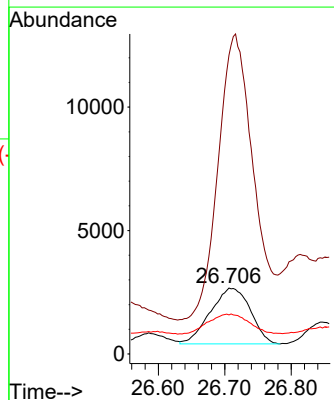
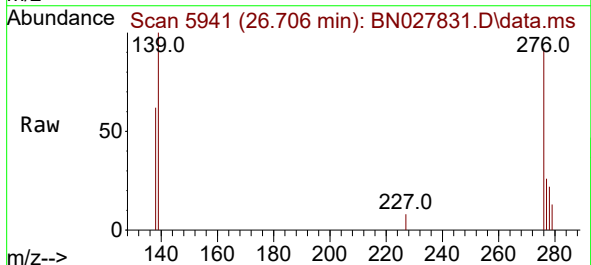
Instrument :
 BNA_N
 ClientSampleId :
 C0AB0

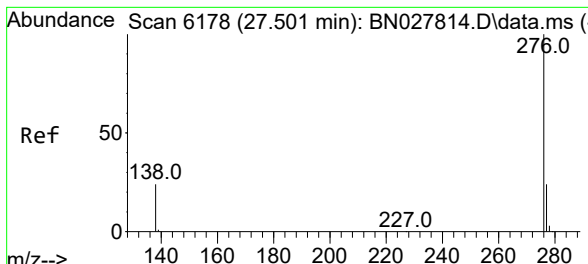
Tgt Ion:276 Resp: 39272
 Ion Ratio Lower Upper
 276 100
 138 66.9 24.3 36.5#
 227 0.0 0.0 0.0



#28
 Dibenzo(a,h)anthracene
 Concen: 0.127 ng/ul
 RT: 26.706 min Scan# 5941
 Delta R.T. -0.000 min
 Lab File: BN027831.D
 Acq: 22 Sep 2023 19:05

Tgt Ion:278 Resp: 9485
 Ion Ratio Lower Upper
 278 100
 139 452.8 17.2 25.8#
 279 59.2 21.4 32.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.609 ng/ul
 RT: 27.525 min Scan# 61
 Delta R.T. 0.020 min
 Lab File: BN027831.D
 Acq: 22 Sep 2023 19:05

Instrument :
 BNA_N
 ClientSampleId :
 C0AB0

Tgt Ion: 276 Resp: 47977

Ion	Ratio	Lower	Upper
276	100		
138	56.0	21.7	32.5#
277	26.1	20.2	30.2

