

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027840.D
 Acq On : 23 Sep 2023 00:36
 Operator : MA/JU
 Sample : 04387-14
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AH1

Quant Time: Sep 23 03:50:25 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

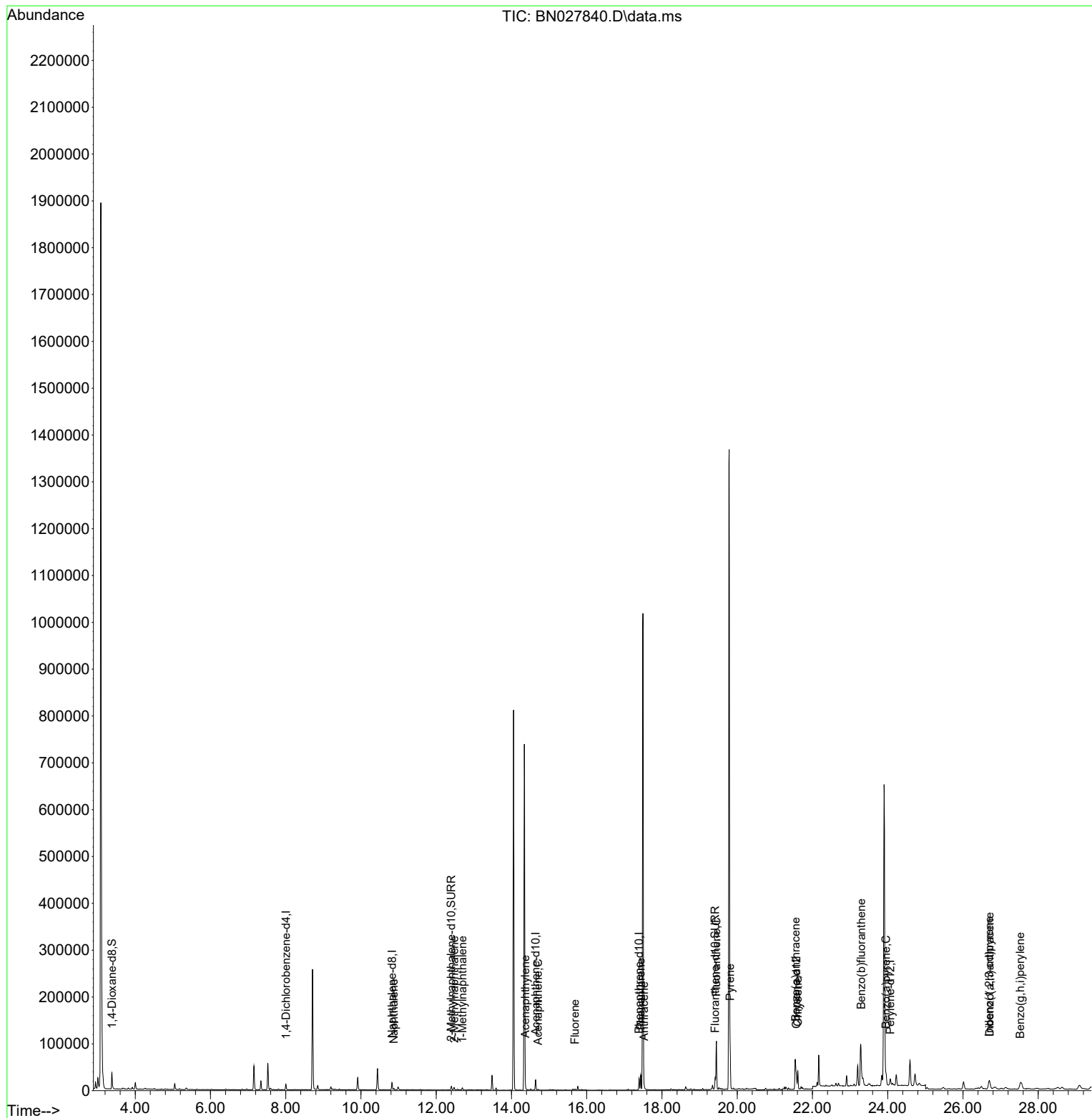
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5999	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	20523	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	12481	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	28447	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	22712	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	20043	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	23168	3.066	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	10154	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	25761	0.371	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.872	128	4050	0.069	ng/ul#	93
7) 2-Methylnaphthalene	12.478	142	3759	0.101	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	3162	0.082	ng/ul	99
10) Acenaphthylene	14.370	152	3242	0.059	ng/ul#	89
11) Acenaphthene	14.703	153	1050	0.022	ng/ul#	91
12) Fluorene	15.688	166	1309	0.024	ng/ul#	93
15) Phenanthrene	17.434	178	33950	0.380	ng/ul	99
16) Anthracene	17.527	178	4985	0.067	ng/ul#	91
19) Fluoranthene	19.446	202	86513	0.942	ng/ul	100
20) Pyrene	19.813	202	73551	0.777	ng/ul	98
21) Benzo(a)anthracene	21.554	228	31246	0.356	ng/ul	97
22) Chrysene	21.609	228	41039	0.452	ng/ul	97
24) Benzo(b)fluoranthene	23.293	252	72740	0.814	ng/ul#	1
26) Benzo(a)pyrene	23.957	252	29863	0.416	ng/ul#	72
27) Indeno(1,2,3-cd)pyrene	26.697	276	24295	0.264	ng/ul#	51
28) Dibenzo(a,h)anthracene	26.707	278	5766	0.078	ng/ul#	1
29) Benzo(g,h,i)perylene	27.522	276	24046	0.308	ng/ul#	74

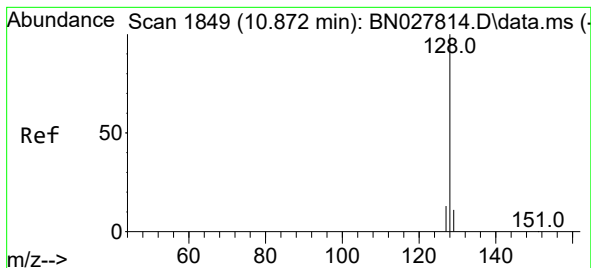
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.069 ng/ul

RT: 10.872 min Scan# 1849

Delta R.T. -0.005 min

Lab File: BN027840.D

Acq: 23 Sep 2023 00:36

Instrument :

BNA_N

ClientSampleId :

C0AH1

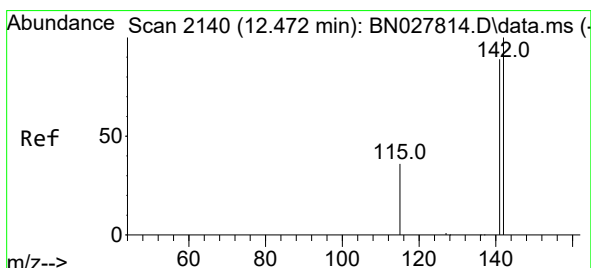
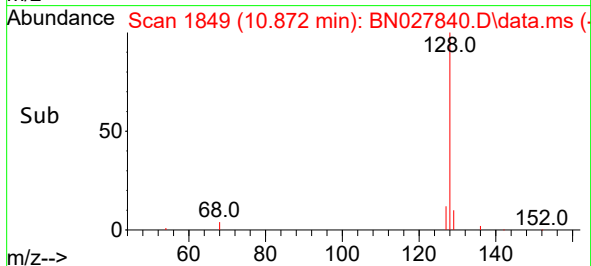
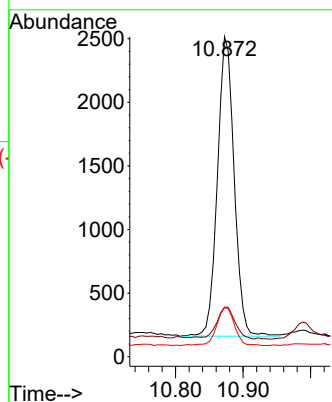
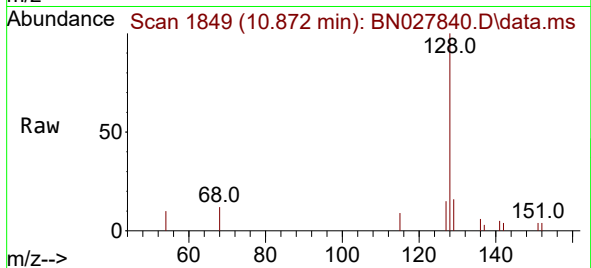
Tgt Ion:128 Resp: 4050

Ion Ratio Lower Upper

128 100

129 15.5 9.3 13.9#

127 15.3 10.7 16.1



#7

2-Methylnaphthalene

Concen: 0.101 ng/ul

RT: 12.478 min Scan# 2141

Delta R.T. 0.000 min

Lab File: BN027840.D

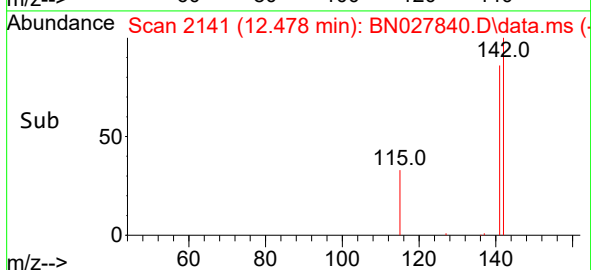
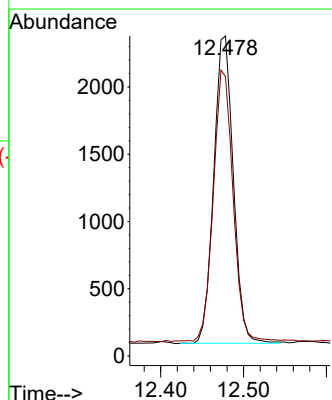
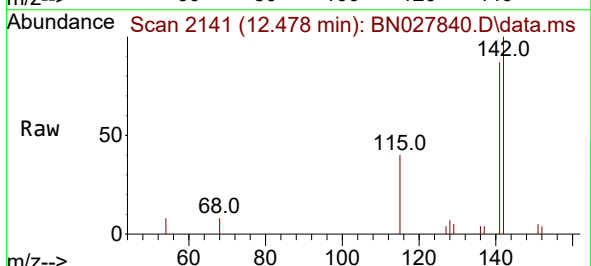
Acq: 23 Sep 2023 00:36

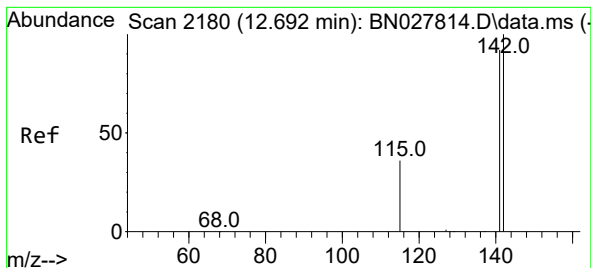
Tgt Ion:142 Resp: 3759

Ion Ratio Lower Upper

142 100

141 88.1 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.082 ng/ul

RT: 12.693 min Scan# 2180

Delta R.T. -0.005 min

Lab File: BN027840.D

Acq: 23 Sep 2023 00:36

Instrument :

BNA_N

ClientSampleId :

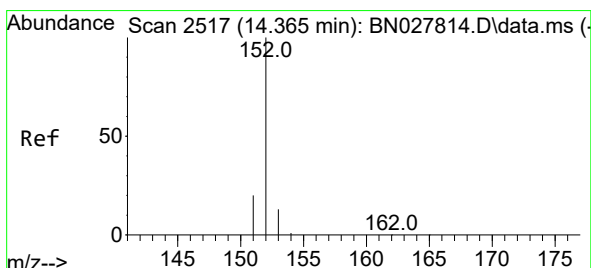
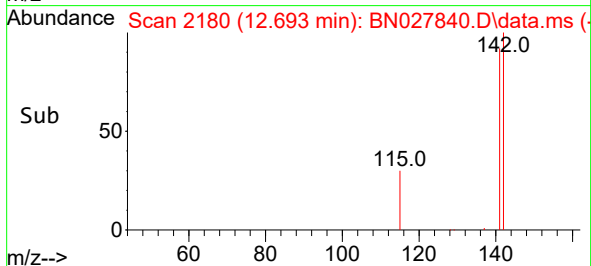
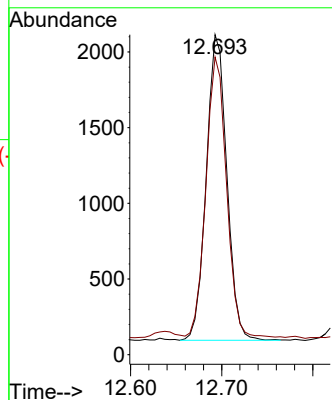
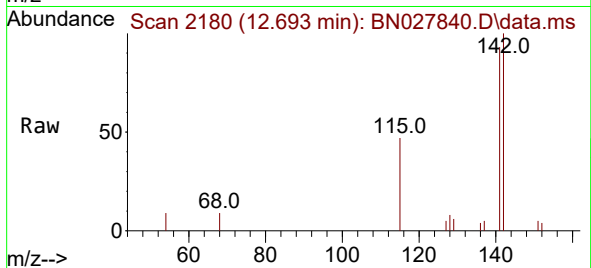
C0AH1

Tgt Ion:142 Resp: 3162

Ion Ratio Lower Upper

142 100

141 91.8 72.8 109.2



#10

Acenaphthylene

Concen: 0.059 ng/ul

RT: 14.370 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BN027840.D

Acq: 23 Sep 2023 00:36

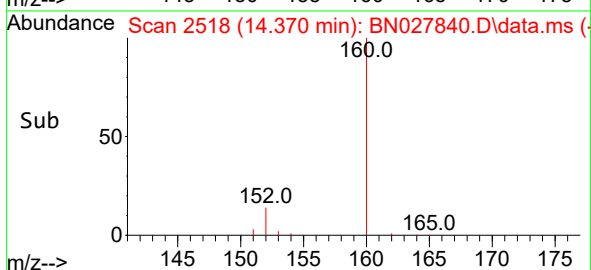
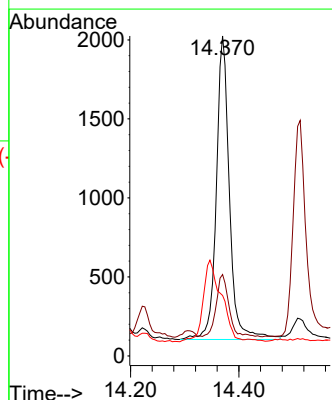
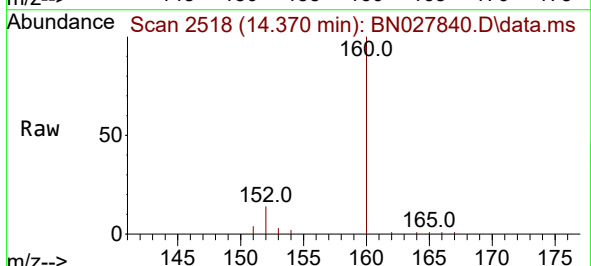
Tgt Ion:152 Resp: 3242

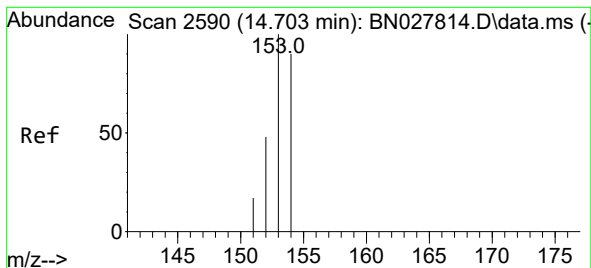
Ion Ratio Lower Upper

152 100

151 25.4 16.6 25.0#

153 18.9 11.0 16.6#





#11

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.703 min Scan# 2590

Delta R.T. 0.000 min

Lab File: BN027840.D

Acq: 23 Sep 2023 00:36

Instrument :

BNA_N

ClientSampleId :

C0AH1

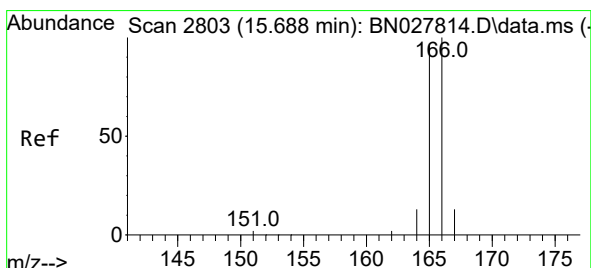
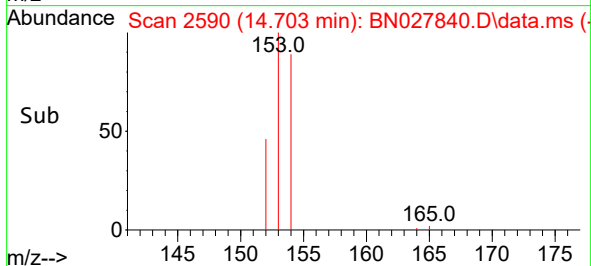
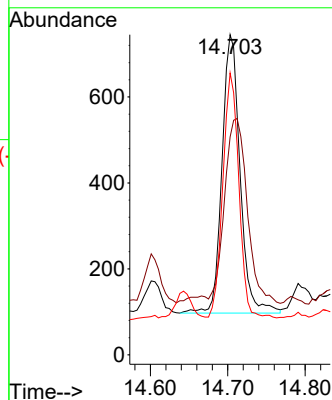
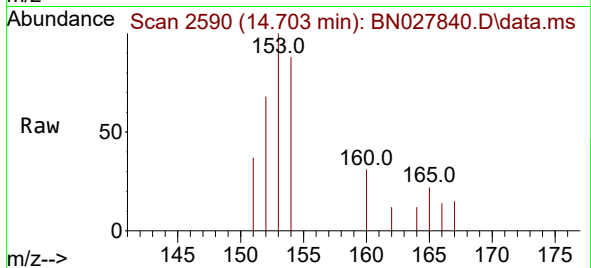
Tgt Ion:153 Resp: 1050

Ion Ratio Lower Upper

153 100

152 68.1 41.7 62.5#

154 88.1 70.3 105.5



#12

Fluorene

Concen: 0.024 ng/ul

RT: 15.688 min Scan# 2803

Delta R.T. 0.000 min

Lab File: BN027840.D

Acq: 23 Sep 2023 00:36

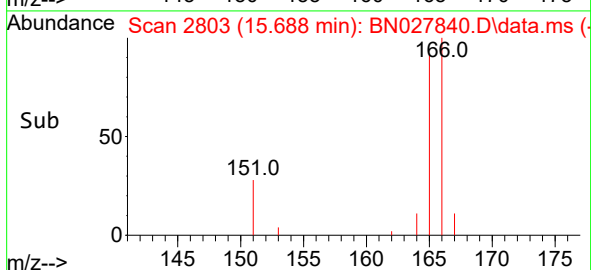
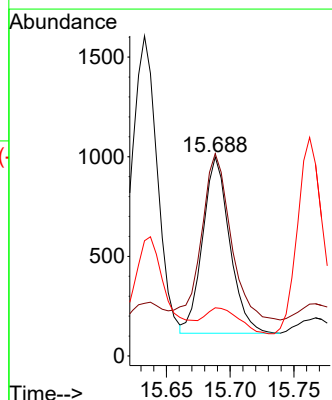
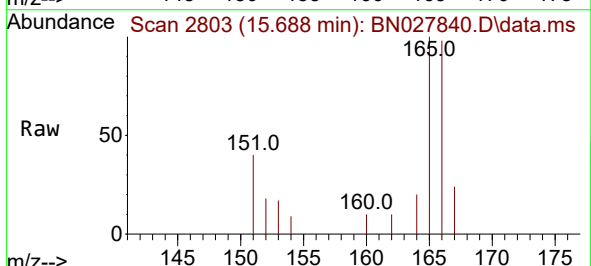
Tgt Ion:166 Resp: 1309

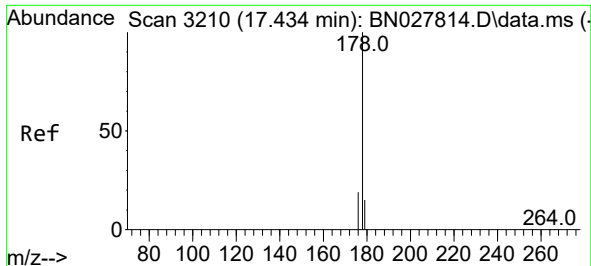
Ion Ratio Lower Upper

166 100

165 101.7 78.0 117.0

167 24.2 11.4 17.2#

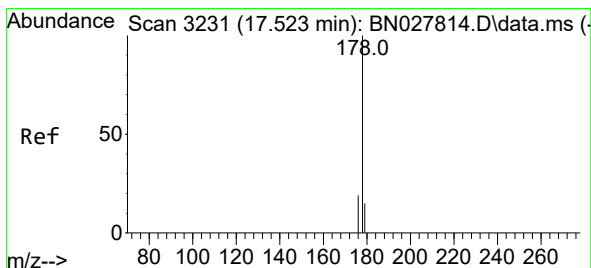
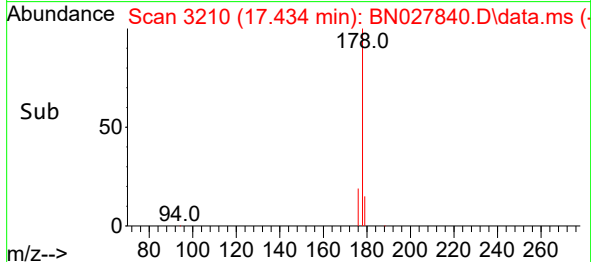
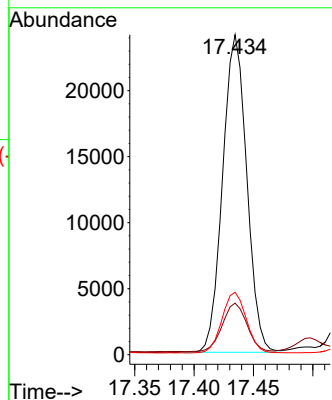
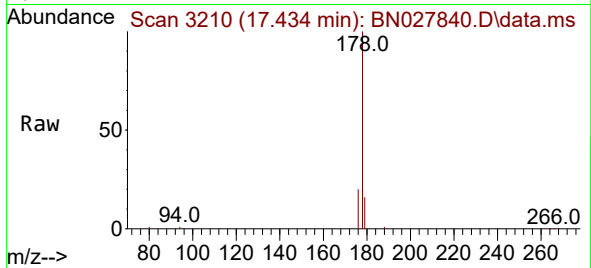




#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.434 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

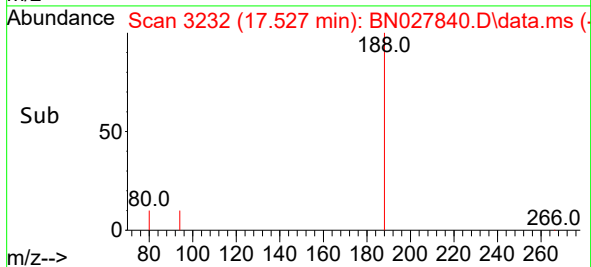
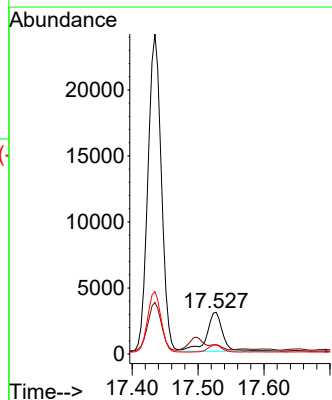
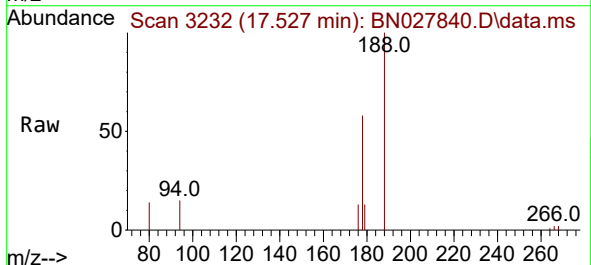
Instrument :
BNA_N
ClientSampleId :
C0AH1

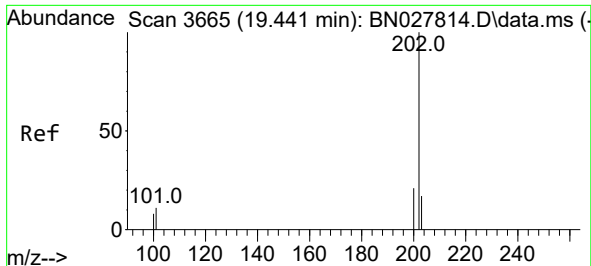
Tgt Ion:178 Resp: 33950
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.5 16.0 24.0



#16
Anthracene
Concen: 0.067 ng/ul
RT: 17.527 min Scan# 3232
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

Tgt Ion:178 Resp: 4985
Ion Ratio Lower Upper
178 100
179 22.2 12.6 19.0#
176 21.4 15.5 23.3

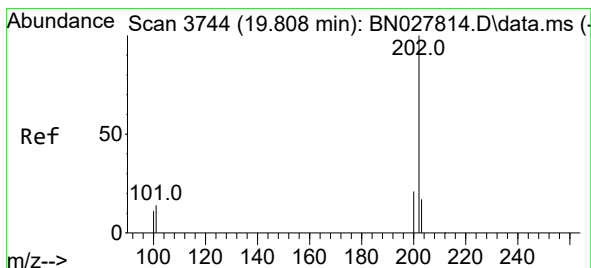
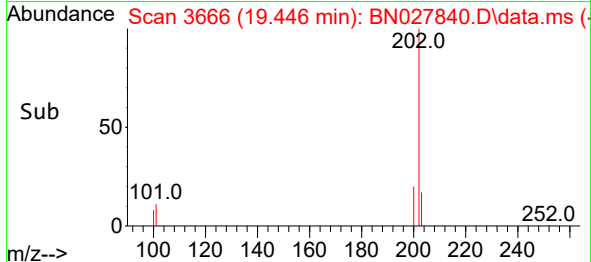
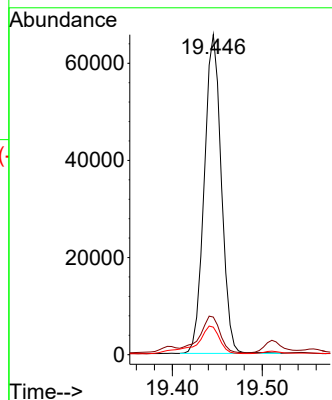
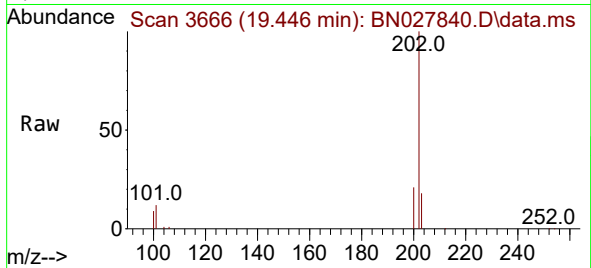




#19
Fluoranthene
Concen: 0.942 ng/ul
RT: 19.446 min Scan# 3666
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

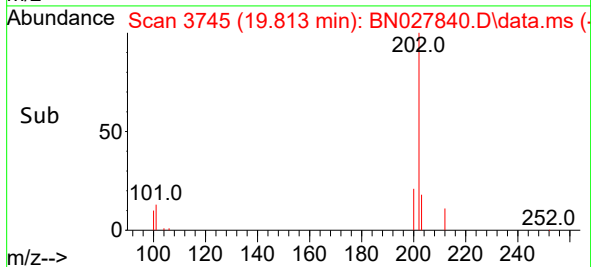
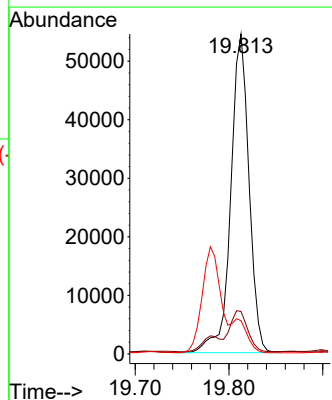
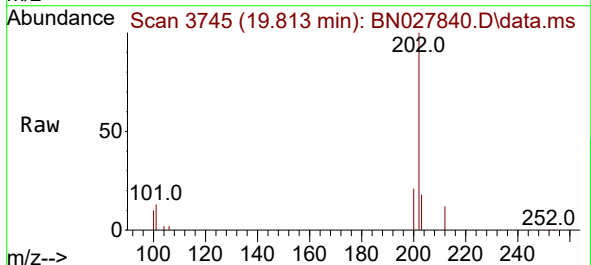
Instrument :
BNA_N
ClientSampleId :
C0AH1

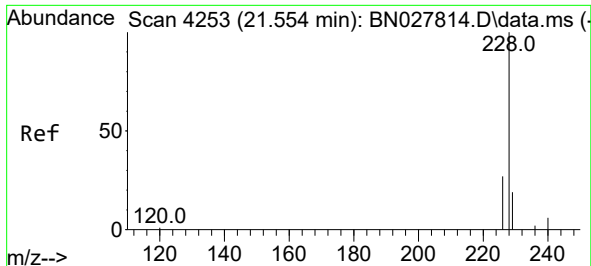
Tgt Ion:202 Resp: 86513
Ion Ratio Lower Upper
202 100
101 11.8 9.3 13.9
100 8.6 7.0 10.4



#20
Pyrene
Concen: 0.777 ng/ul
RT: 19.813 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

Tgt Ion:202 Resp: 73551
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.4 9.1 13.7

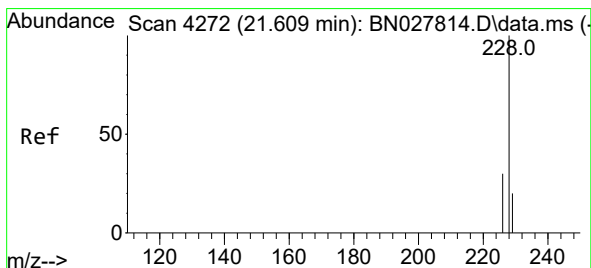
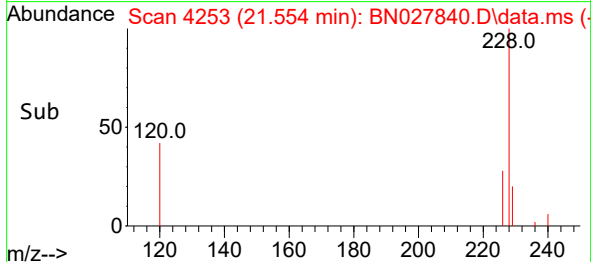
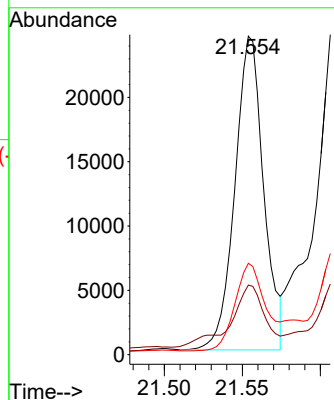
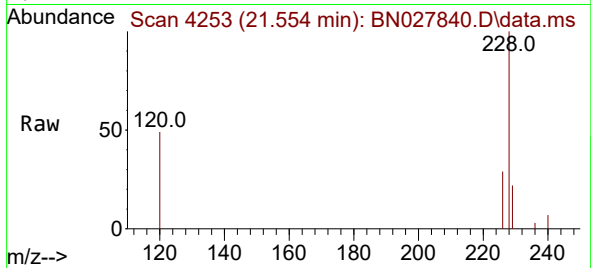




#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

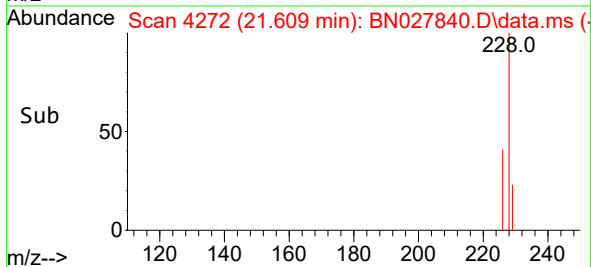
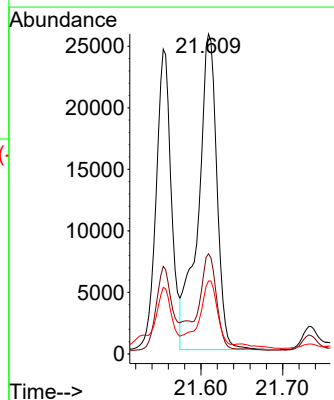
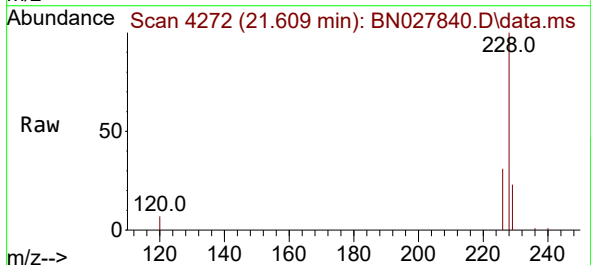
Instrument :
BNA_N
ClientSampleId :
C0AH1

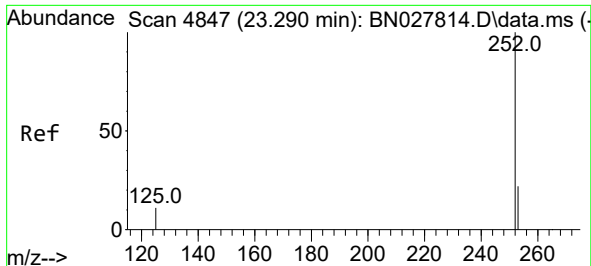
Tgt Ion:228 Resp: 31246
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.8
226 28.7 22.0 33.0



#22
Chrysene
Concen: 0.452 ng/ul
RT: 21.609 min Scan# 4272
Delta R.T. 0.000 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

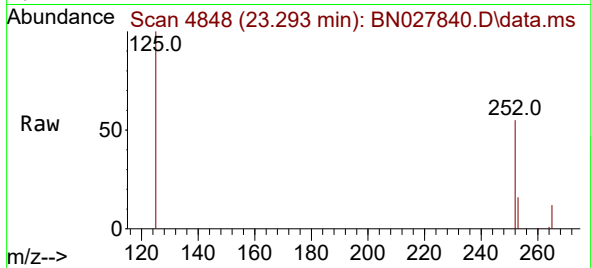
Tgt Ion:228 Resp: 41039
Ion Ratio Lower Upper
228 100
226 31.3 24.5 36.7
229 22.8 16.0 24.0



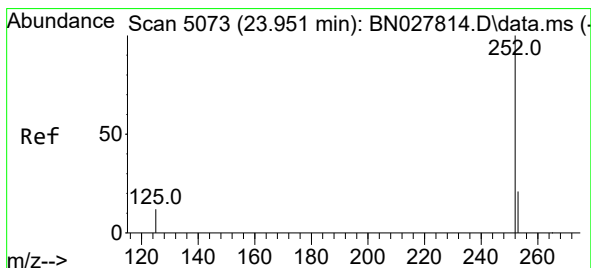
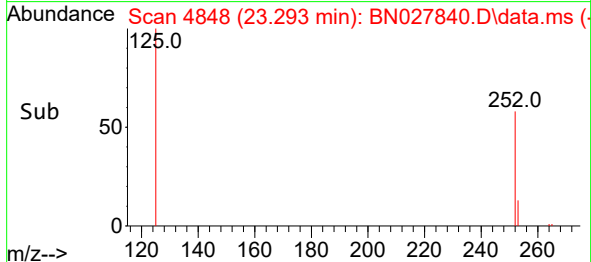
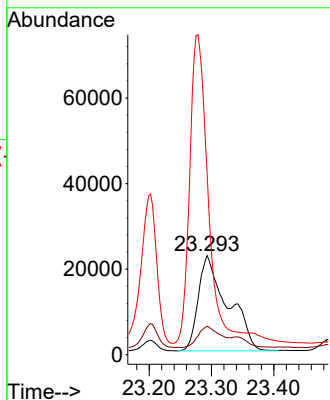


#24
Benzo(b)fluoranthene
Concen: 0.814 ng/ul
RT: 23.293 min Scan# 4847
Delta R.T. 0.003 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

Instrument :
BNA_N
ClientSampleId :
C0AH1

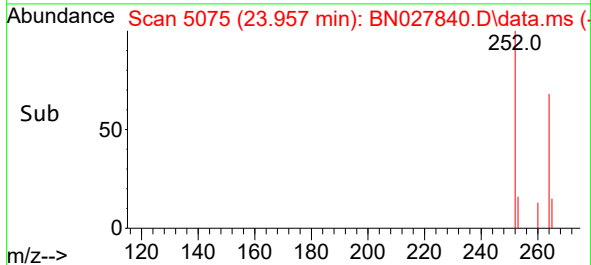
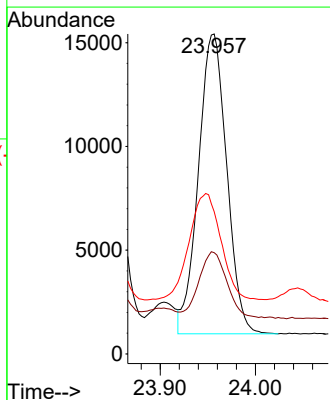
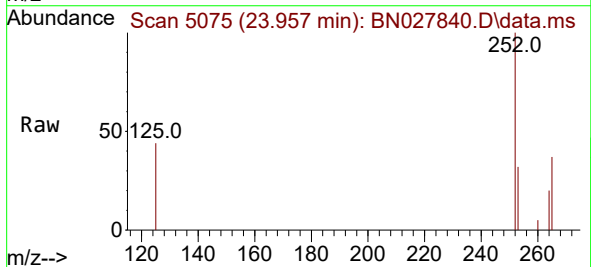


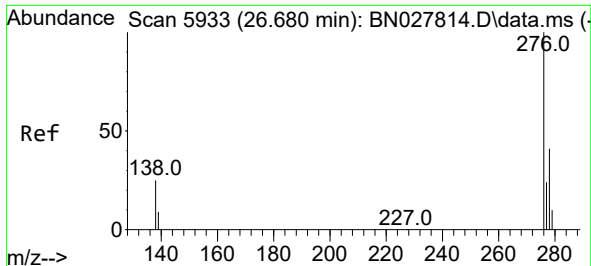
Tgt Ion:252 Resp: 72740
Ion Ratio Lower Upper
252 100
253 28.8 0.0 50.2
125 182.3 0.0 31.4#



#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.957 min Scan# 5075
Delta R.T. 0.006 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

Tgt Ion:252 Resp: 29863
Ion Ratio Lower Upper
252 100
253 31.7 21.9 32.9
125 44.4 15.5 23.3#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.264 ng/ul

RT: 26.697 min Scan# 5938

Delta R.T. 0.014 min

Lab File: BN027840.D

Acq: 23 Sep 2023 00:36

Instrument :

BNA_N

ClientSampleId :

C0AH1

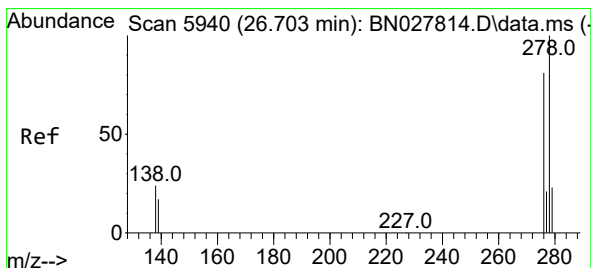
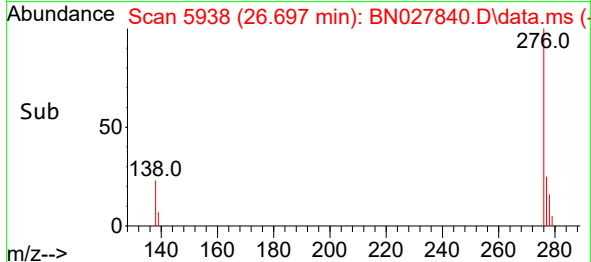
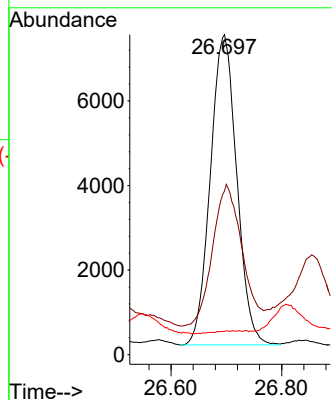
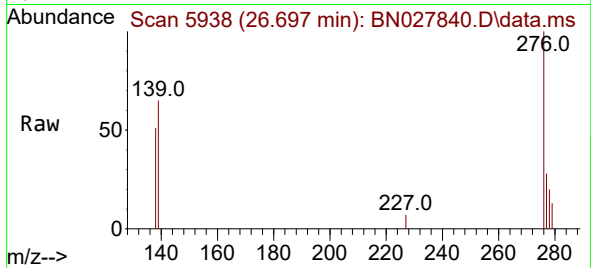
Tgt Ion:276 Resp: 24295

Ion Ratio Lower Upper

276 100

138 57.2 24.3 36.5#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.078 ng/ul

RT: 26.707 min Scan# 5941

Delta R.T. 0.000 min

Lab File: BN027840.D

Acq: 23 Sep 2023 00:36

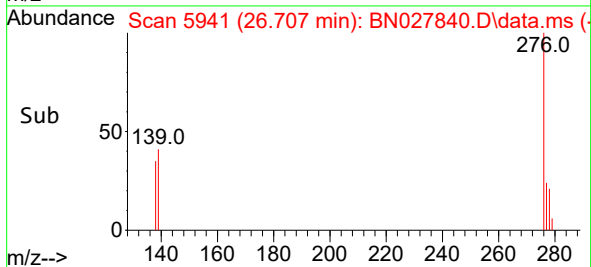
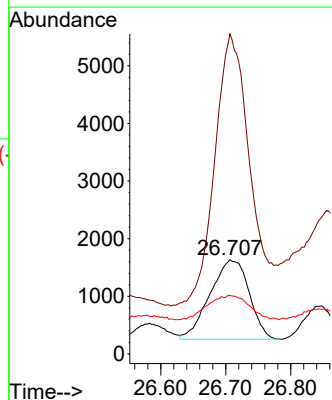
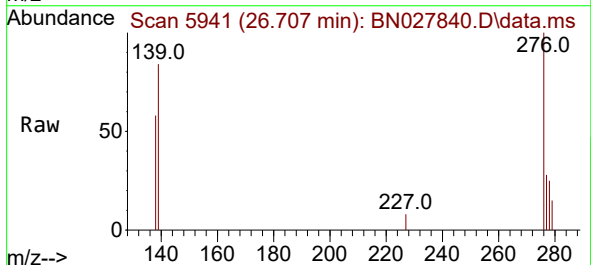
Tgt Ion:278 Resp: 5766

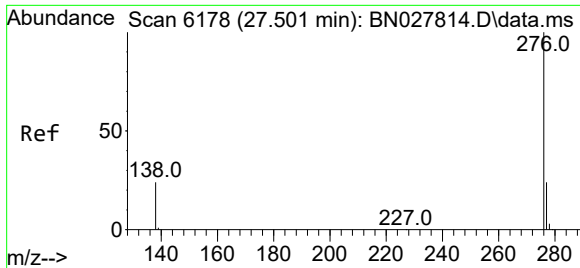
Ion Ratio Lower Upper

278 100

139 339.6 17.2 25.8#

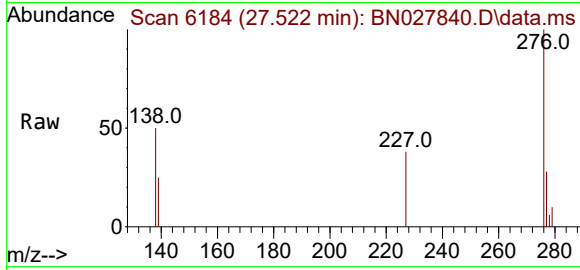
279 62.1 21.4 32.0#





#29
Benzo(g,h,i)perylene
Concen: 0.308 ng/ul
RT: 27.522 min Scan# 6184
Delta R.T. 0.017 min
Lab File: BN027840.D
Acq: 23 Sep 2023 00:36

Instrument :
BNA_N
ClientSampleId :
C0AH1



Tgt Ion:276 Resp: 24046
Ion Ratio Lower Upper
276 100
138 50.4 21.7 32.5#
277 27.7 20.2 30.2

