

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090623\
 Data File : BN027438.D
 Acq On : 07 Sep 2023 12:16
 Operator : MA/JU
 Sample : 04113-09DL 10X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYH8DL

Quant Time: Sep 08 01:56:14 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

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

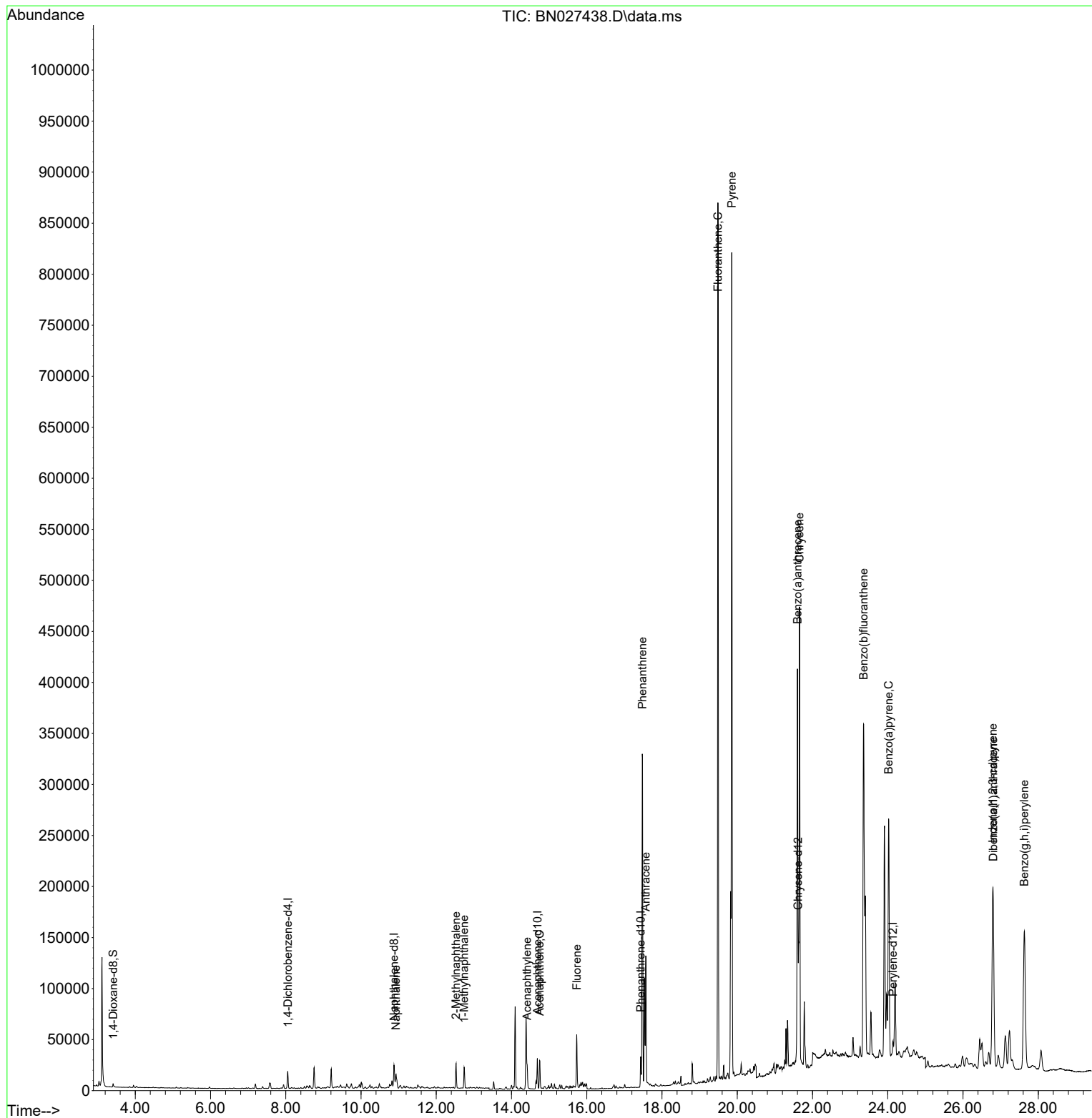
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	8469	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	28265	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	16358	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.434	188	34712	0.400	ng/ul	0.00
17) Chrysene-d12	21.618	240	22928	0.400	ng/ul	# 0.00
23) Perylene-d12	24.138	264	24181	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.414	96	2255	0.200	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.450	152	706	0.016	ng/ul	0.00
18) Fluoranthene-d10	19.459	212	1568	0.020	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.927	128	21148	0.258	ng/ul#	96
7) 2-Methylnaphthalene	12.527	142	17851	0.348	ng/ul	99
8) 1-Methylnaphthalene	12.742	142	13891	0.254	ng/ul	100
10) Acenaphthylene	14.416	152	27316	0.365	ng/ul	99
11) Acenaphthene	14.749	153	16323	0.253	ng/ul	99
12) Fluorene	15.734	166	32144	0.445	ng/ul	98
15) Phenanthrene	17.477	178	347172	3.070	ng/ul	100
16) Anthracene	17.569	178	141187	1.571	ng/ul	99
19) Fluoranthene	19.487	202	719645	6.825	ng/ul	100
20) Pyrene	19.854	202	664104	6.186	ng/ul	97
21) Benzo(a)anthracene	21.600	228	351302	4.253	ng/ul	97
22) Chrysene	21.656	228	464537	4.818	ng/ul	97
24) Benzo(b)fluoranthene	23.357	252	802967	7.031	ng/ul	98
26) Benzo(a)pyrene	24.024	252	362480	4.064	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.797	276	321058	3.241	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.807	278	86112	1.137	ng/ul#	76
29) Benzo(g,h,i)perylene	27.632	276	325723	3.643	ng/ul	97

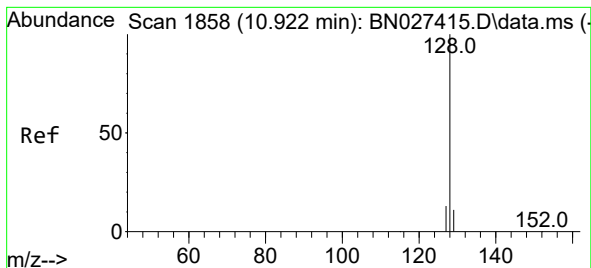
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.258 ng/ul

RT: 10.927 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN027438.D

Acq: 07 Sep 2023 12:16

Instrument :

BNA_N

ClientSampleId :

EZYH8DL

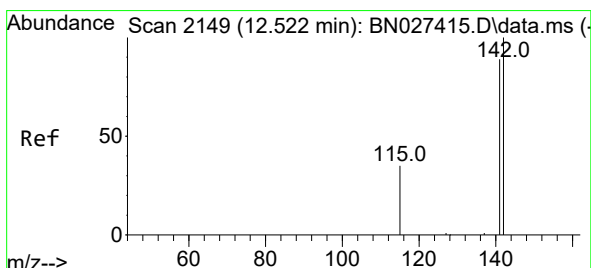
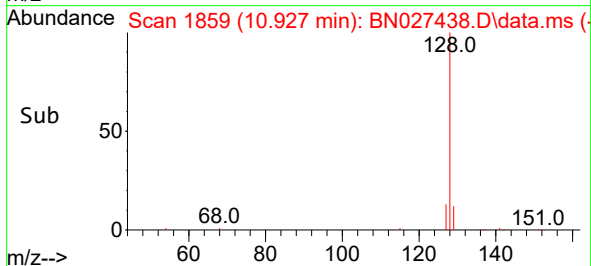
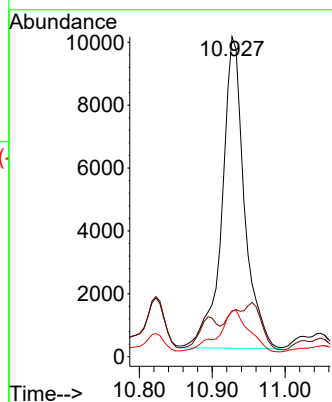
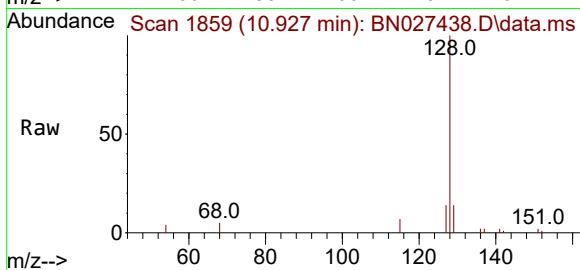
Tgt Ion:128 Resp: 21148

Ion Ratio Lower Upper

128 100

129 14.2 9.4 14.0#

127 14.3 10.6 16.0



#7

2-Methylnaphthalene

Concen: 0.348 ng/ul

RT: 12.527 min Scan# 2150

Delta R.T. -0.006 min

Lab File: BN027438.D

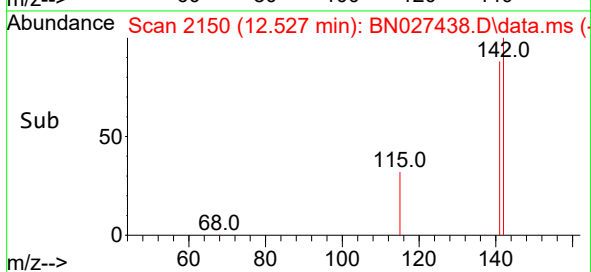
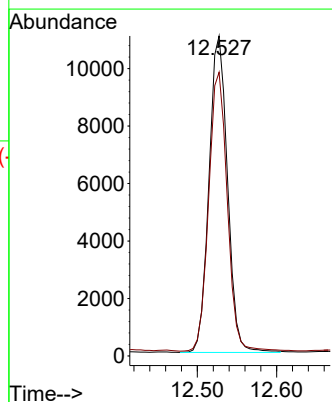
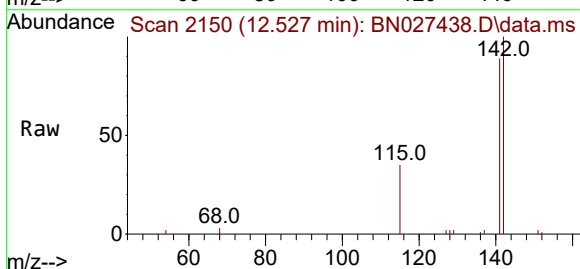
Acq: 07 Sep 2023 12:16

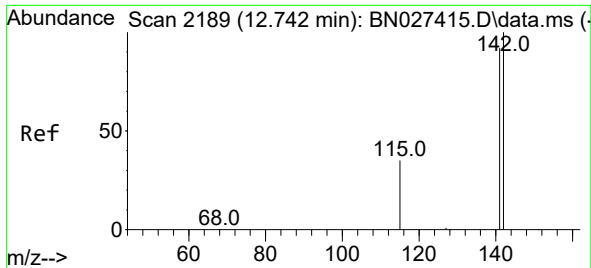
Tgt Ion:142 Resp: 17851

Ion Ratio Lower Upper

142 100

141 88.4 71.6 107.4

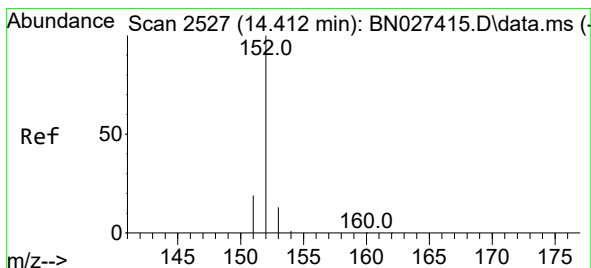
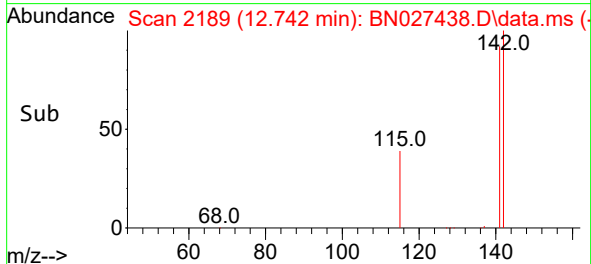
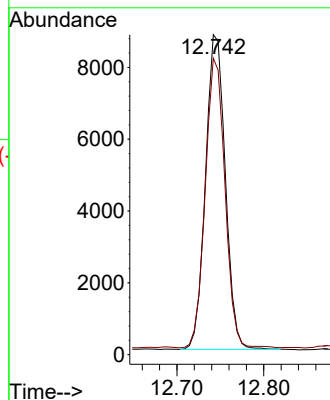
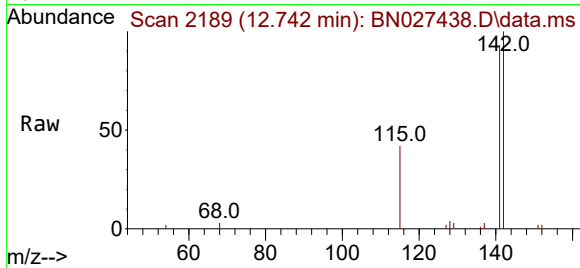




#8
1-Methylnaphthalene
Concen: 0.254 ng/ul
RT: 12.742 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BN027438.D
Acq: 07 Sep 2023 12:16

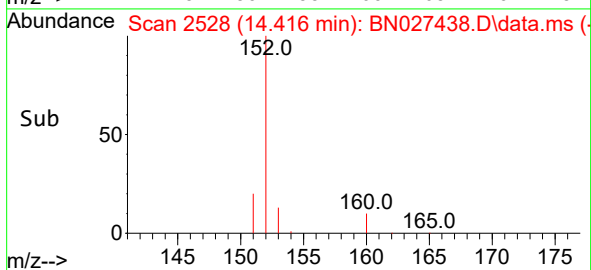
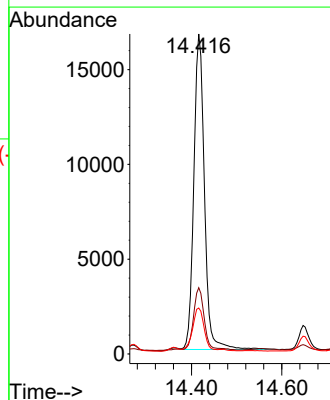
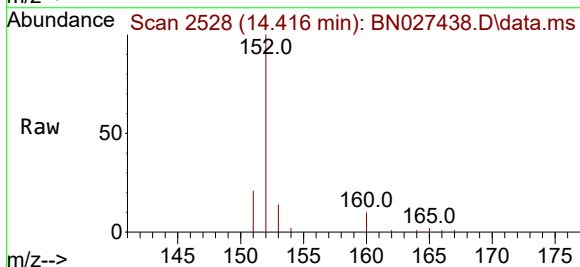
Instrument :
BNA_N
ClientSampleId :
EZYH8DL

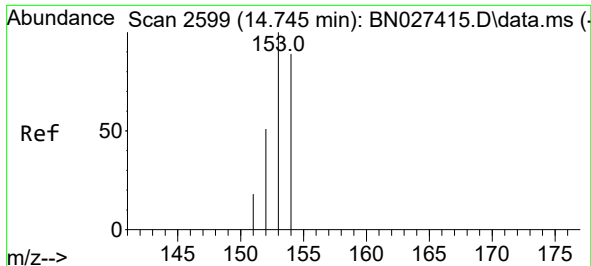
Tgt Ion:142 Resp: 13891
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.4



#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 14.416 min Scan# 2528
Delta R.T. -0.005 min
Lab File: BN027438.D
Acq: 07 Sep 2023 12:16

Tgt Ion:152 Resp: 27316
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.3 11.1 16.7

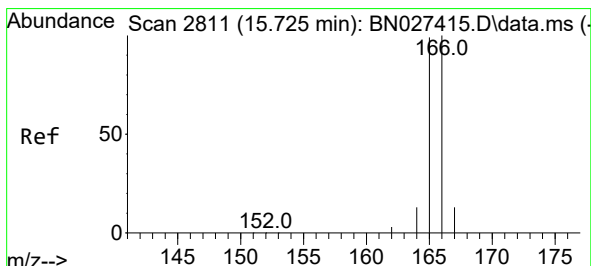
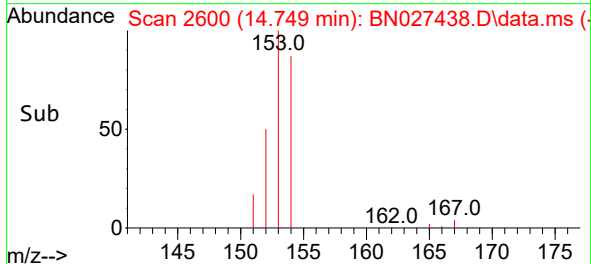
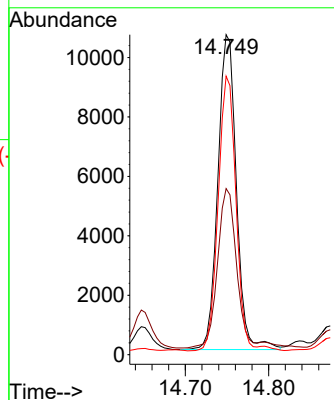
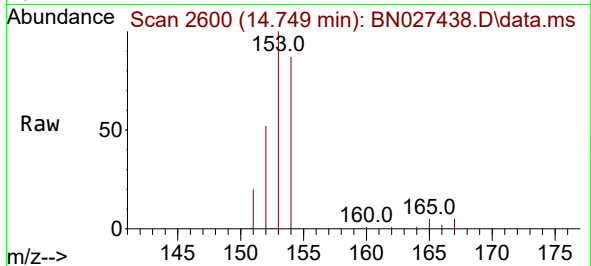




#11
Acenaphthene
Concen: 0.253 ng/ul
RT: 14.749 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BN027438.D
Acq: 07 Sep 2023 12:16

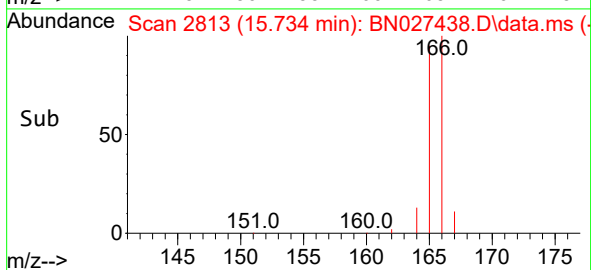
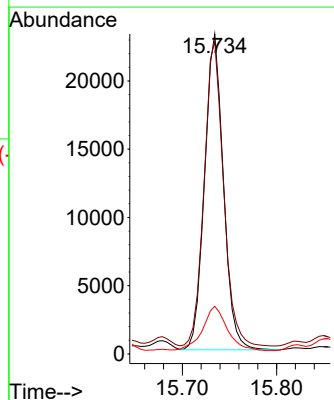
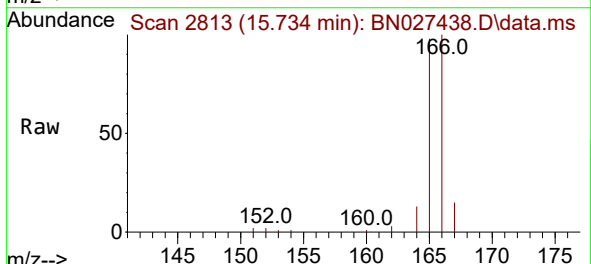
Instrument :
BNA_N
ClientSampleId :
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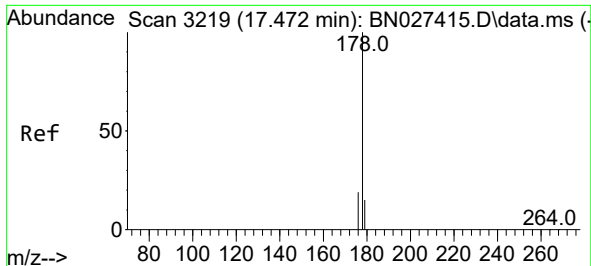
Tgt Ion:153 Resp: 16323
Ion Ratio Lower Upper
153 100
152 51.9 42.9 64.3
154 87.0 69.4 104.0



#12
Fluorene
Concen: 0.445 ng/ul
RT: 15.734 min Scan# 2813
Delta R.T. -0.005 min
Lab File: BN027438.D
Acq: 07 Sep 2023 12:16

Tgt Ion:166 Resp: 32144
Ion Ratio Lower Upper
166 100
165 97.7 79.6 119.4
167 14.9 11.4 17.0

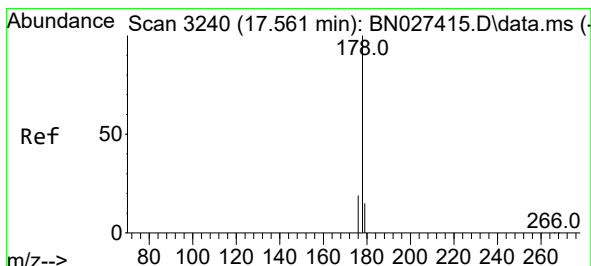
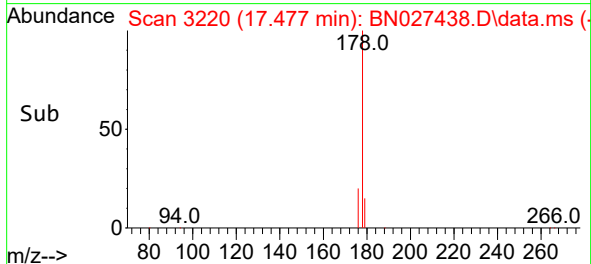
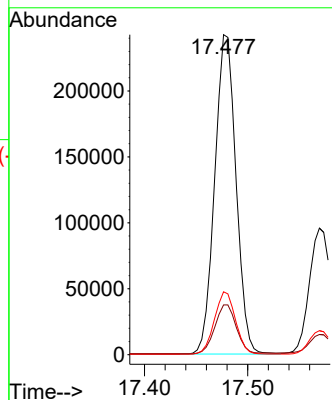
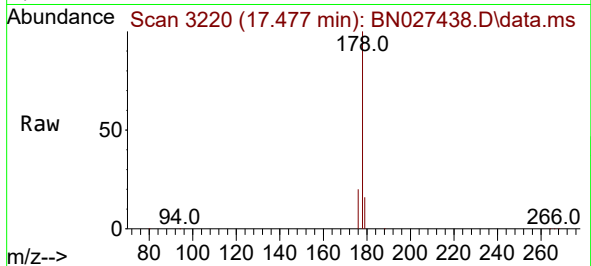




#15
Phenanthrene
Concen: 3.070 ng/ul
RT: 17.477 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN027438.D
Acq: 07 Sep 2023 12:16

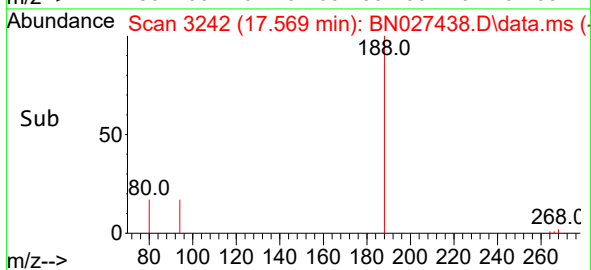
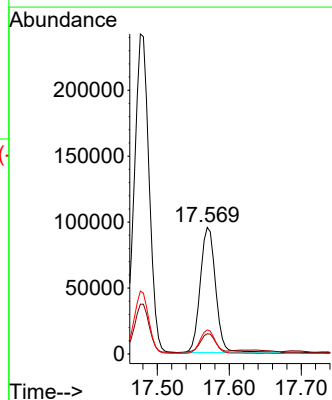
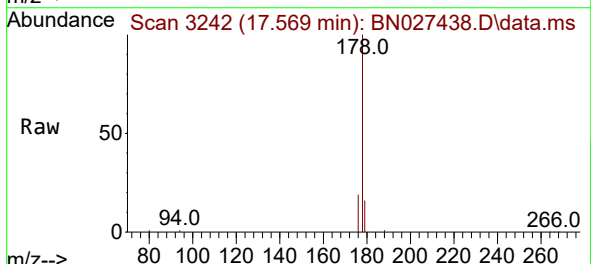
Instrument :
BNA_N
ClientSampleId :
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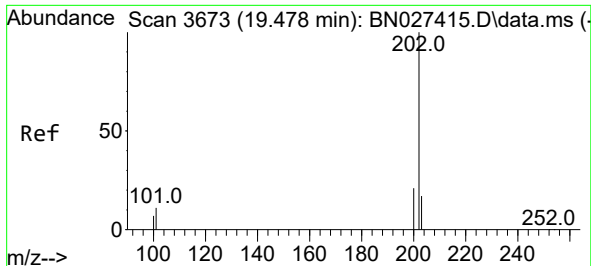
Tgt Ion:178 Resp: 347172
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.6 15.8 23.8



#16
Anthracene
Concen: 1.571 ng/ul
RT: 17.569 min Scan# 3242
Delta R.T. -0.004 min
Lab File: BN027438.D
Acq: 07 Sep 2023 12:16

Tgt Ion:178 Resp: 141187
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.0 15.6 23.4

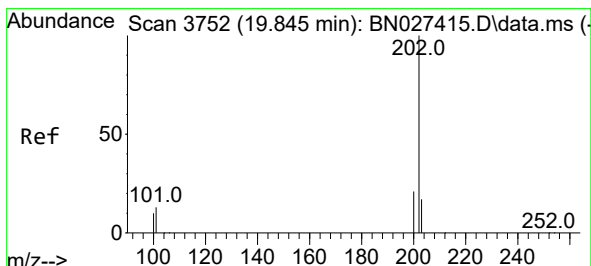
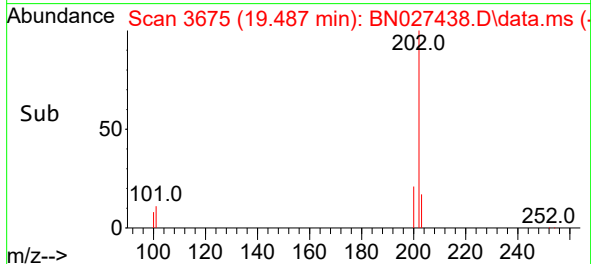
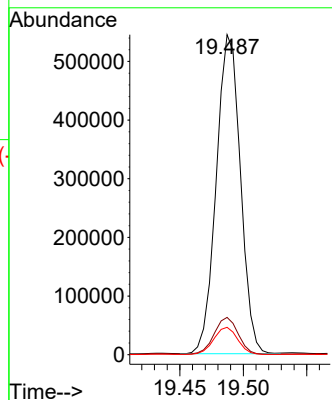
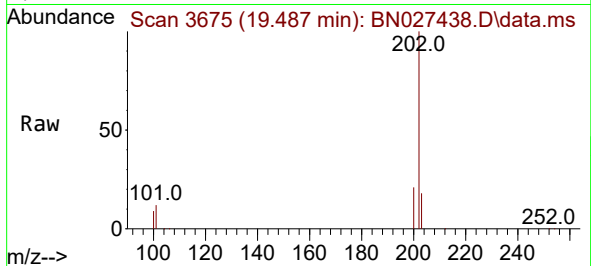




#19
Fluoranthene
Concen: 6.825 ng/ul
RT: 19.487 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BN027438.D
Acq: 07 Sep 2023 12:16

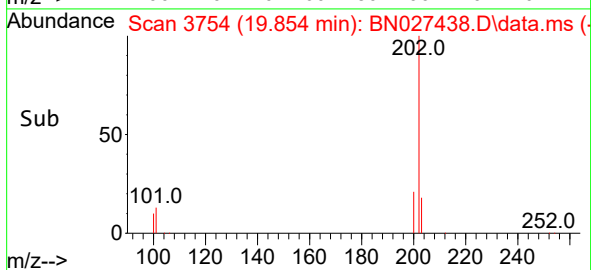
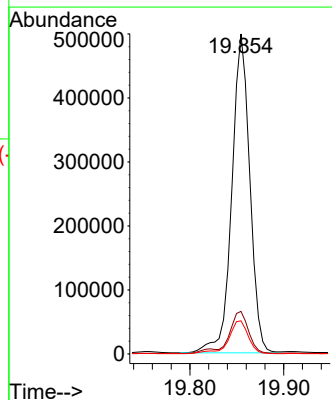
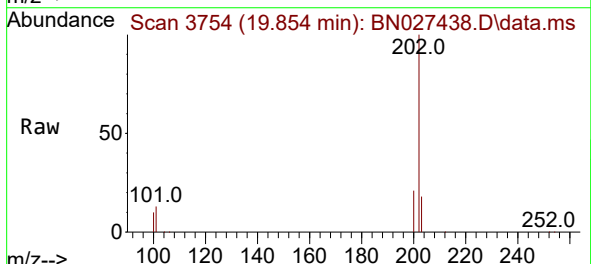
Instrument :
BNA_N
ClientSampleId :
EZYH8DL

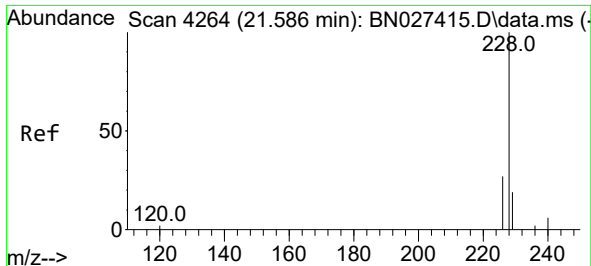
Tgt Ion:202 Resp: 719645
Ion Ratio Lower Upper
202 100
101 11.6 9.4 14.0
100 8.6 6.9 10.3



#20
Pyrene
Concen: 6.186 ng/ul
RT: 19.854 min Scan# 3754
Delta R.T. 0.005 min
Lab File: BN027438.D
Acq: 07 Sep 2023 12:16

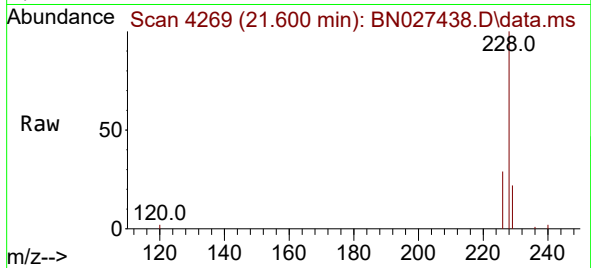
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Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.2
100 10.4 9.4 14.2



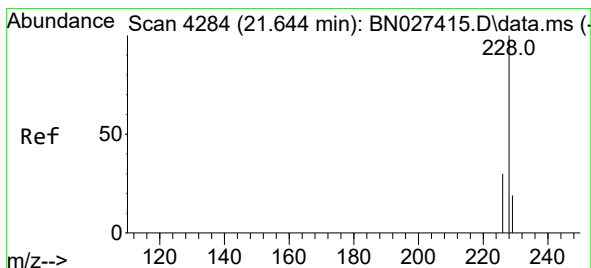
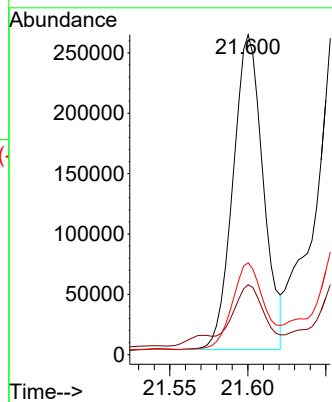
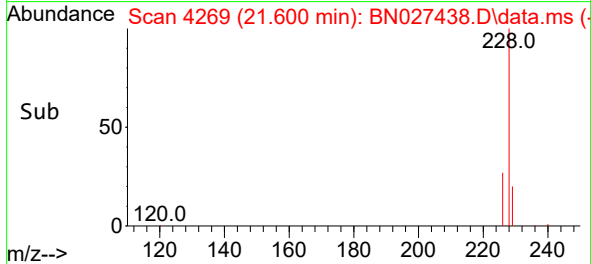


#21
Benzo(a)anthracene
Concen: 4.253 ng/ul
RT: 21.600 min Scan# 4269
Delta R.T. 0.009 min
Lab File: BN027438.D
Acq: 07 Sep 2023 12:16

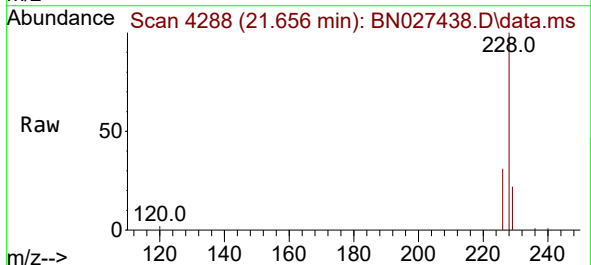
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BNA_N
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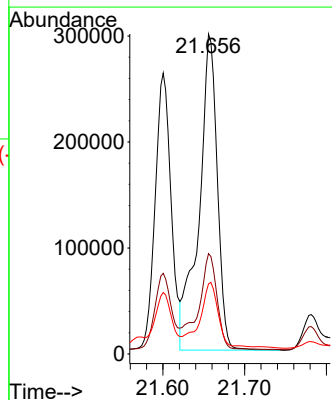
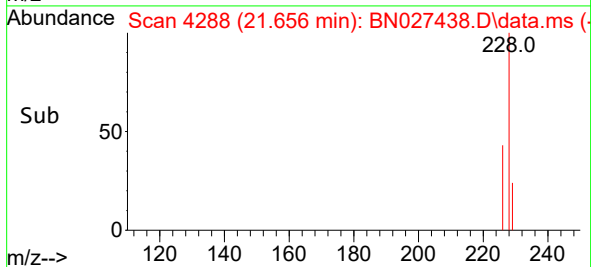
Tgt Ion:228 Resp: 351302
Ion Ratio Lower Upper
228 100
229 21.8 15.7 23.5
226 28.7 22.0 33.0

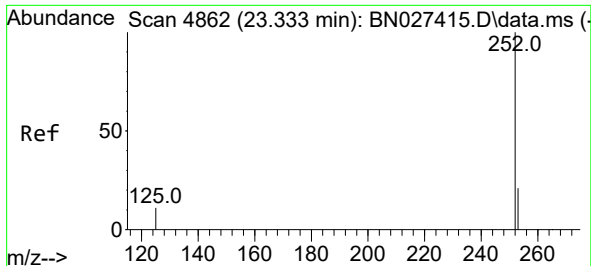


#22
Chrysene
Concen: 4.818 ng/ul
RT: 21.656 min Scan# 4288
Delta R.T. 0.009 min
Lab File: BN027438.D
Acq: 07 Sep 2023 12:16



Tgt Ion:228 Resp: 464537
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 21.9 15.6 23.4

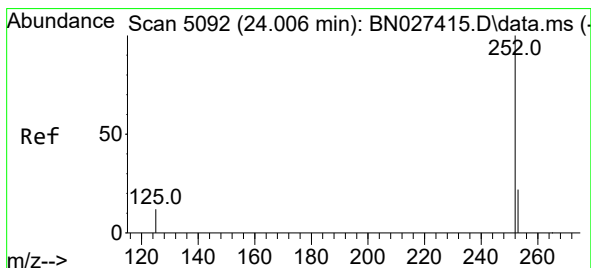
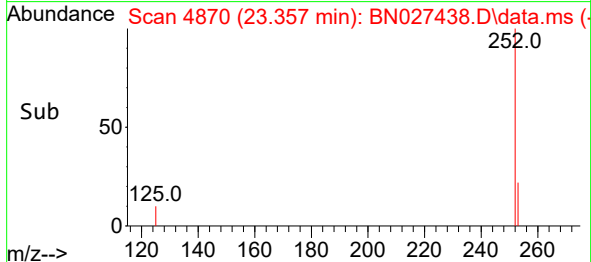
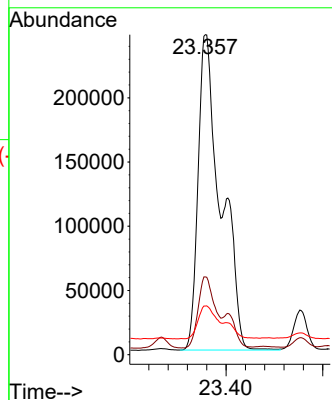
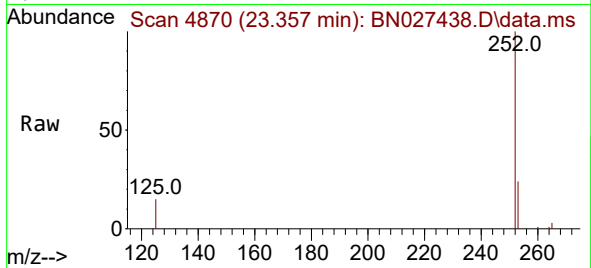




#24
Benzo(b)fluoranthene
Concen: 7.031 ng/ul
RT: 23.357 min Scan# 4862
Delta R.T. 0.012 min
Lab File: BN027438.D
Acq: 07 Sep 2023 12:16

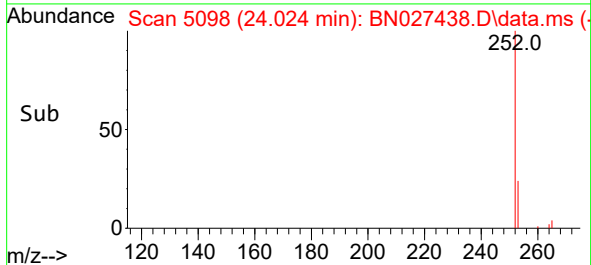
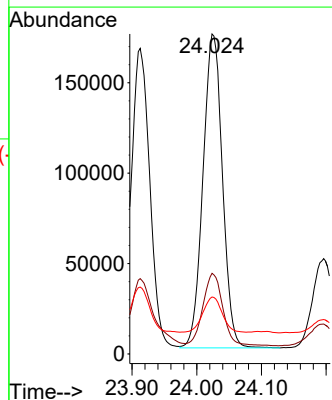
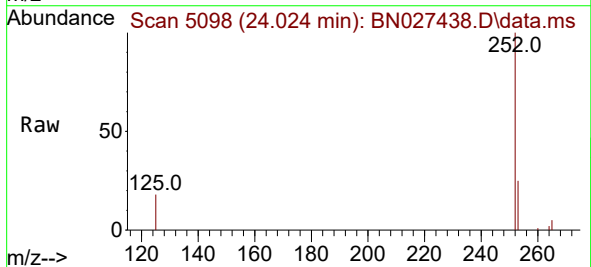
Instrument :
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ClientSampleId :
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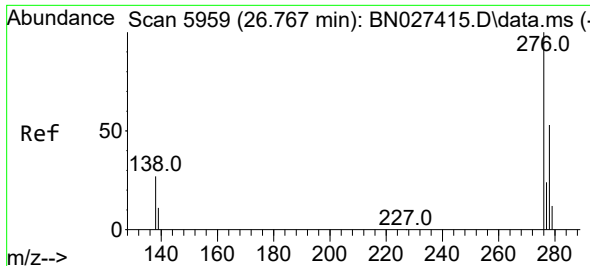
Tgt Ion:252 Resp: 802967
Ion Ratio Lower Upper
252 100
253 24.3 0.0 49.6
125 15.2 0.0 33.8



#26
Benzo(a)pyrene
Concen: 4.064 ng/ul
RT: 24.024 min Scan# 5098
Delta R.T. 0.006 min
Lab File: BN027438.D
Acq: 07 Sep 2023 12:16

Tgt Ion:252 Resp: 362480
Ion Ratio Lower Upper
252 100
253 25.2 22.4 33.6
125 17.8 17.4 26.2

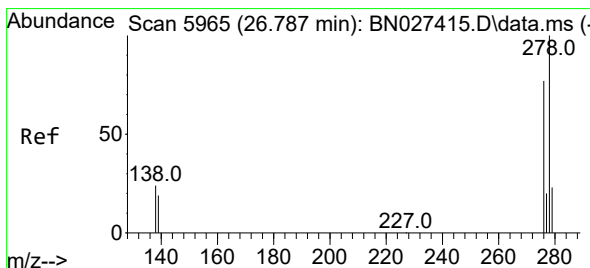
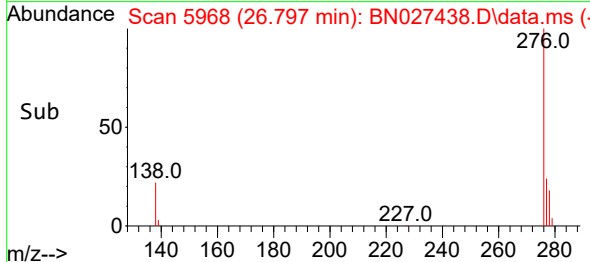
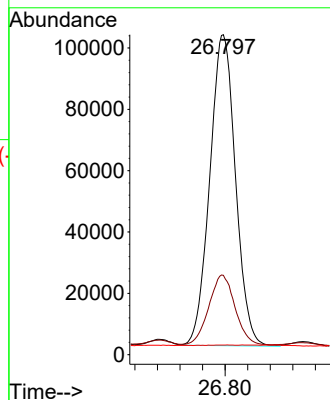
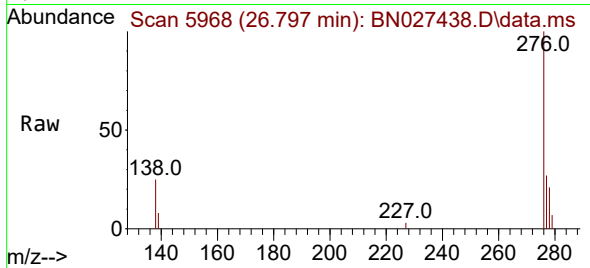




#27
Indeno(1,2,3-cd)pyrene
Concen: 3.241 ng/ul
RT: 26.797 min Scan# 5968
Delta R.T. -0.003 min
Lab File: BN027438.D
Acq: 07 Sep 2023 12:16

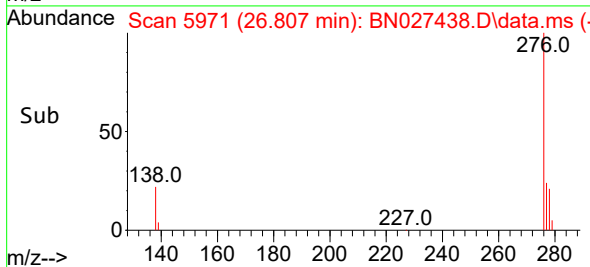
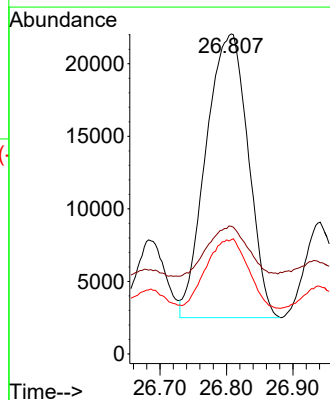
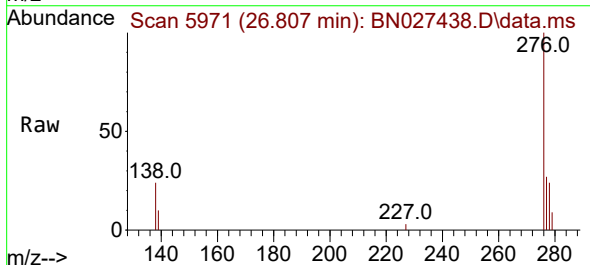
Instrument :
BNA_N
ClientSampleId :
EZYH8DL

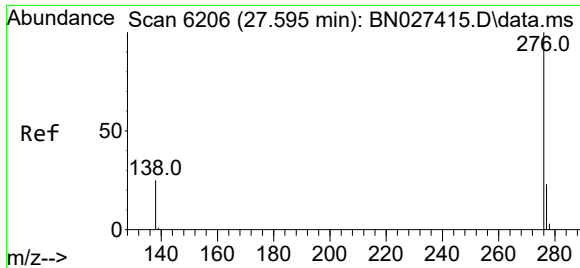
Tgt Ion:276 Resp: 321058
Ion Ratio Lower Upper
276 100
138 22.9 23.9 35.9#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 1.137 ng/ul
RT: 26.807 min Scan# 5971
Delta R.T. -0.027 min
Lab File: BN027438.D
Acq: 07 Sep 2023 12:16

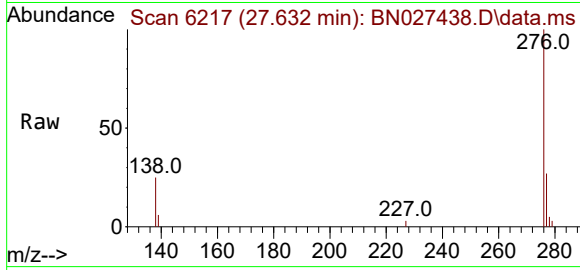
Tgt Ion:278 Resp: 86112
Ion Ratio Lower Upper
278 100
139 39.9 18.0 27.0#
279 35.7 22.7 34.1#





#29
 Benzo(g,h,i)perylene
 Concen: 3.643 ng/ul
 RT: 27.632 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: BN027438.D
 Acq: 07 Sep 2023 12:16

Instrument :
 BNA_N
 ClientSampleId :
 EZYH8DL



Tgt Ion:276 Resp: 325723
 Ion Ratio Lower Upper
 276 100
 138 25.4 22.1 33.1
 277 26.6 20.2 30.4

