

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023439.D
 Acq On : 25 Dec 2022 08:46
 Operator : CG/JU
 Sample : N6017-12
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYF8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 26 01:22:28 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Dec 25 05:17:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	6837	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	22461	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	13320	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	29547	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	21698	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	16038	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	27321	3.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	9228	0.266	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	21422	0.273	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.854	128	1986	0.030	ng/ul#	87
10) Acenaphthylene	14.358	152	4032	0.068	ng/ul#	93
11) Acenaphthene	14.701	153	3394	0.068	ng/ul	98
12) Fluorene	15.686	166	3585	0.064	ng/ul	99
15) Phenanthrene	17.428	178	64364	0.669	ng/ul	100
16) Anthracene	17.521	178	11139	0.140	ng/ul	98
19) Fluoranthene	19.443	202	129700	1.232	ng/ul	100
20) Pyrene	19.811	202	92881m	0.875	ng/ul	
21) Benzo(a)anthracene	21.557	228	50786	0.601	ng/ul	98
22) Chrysene	21.610	228	56015	0.652	ng/ul	98
24) Benzo(b)fluoranthene	23.273	252	69588m	0.839	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	23733m	0.305	ng/ul	
26) Benzo(a)pyrene	23.913	252	37756	0.575	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.577	276	29539	0.385	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.590	278	6804	0.114	ng/ul#	73
29) Benzo(g,h,i)perylene	27.369	276	28716	0.460	ng/ul	97

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

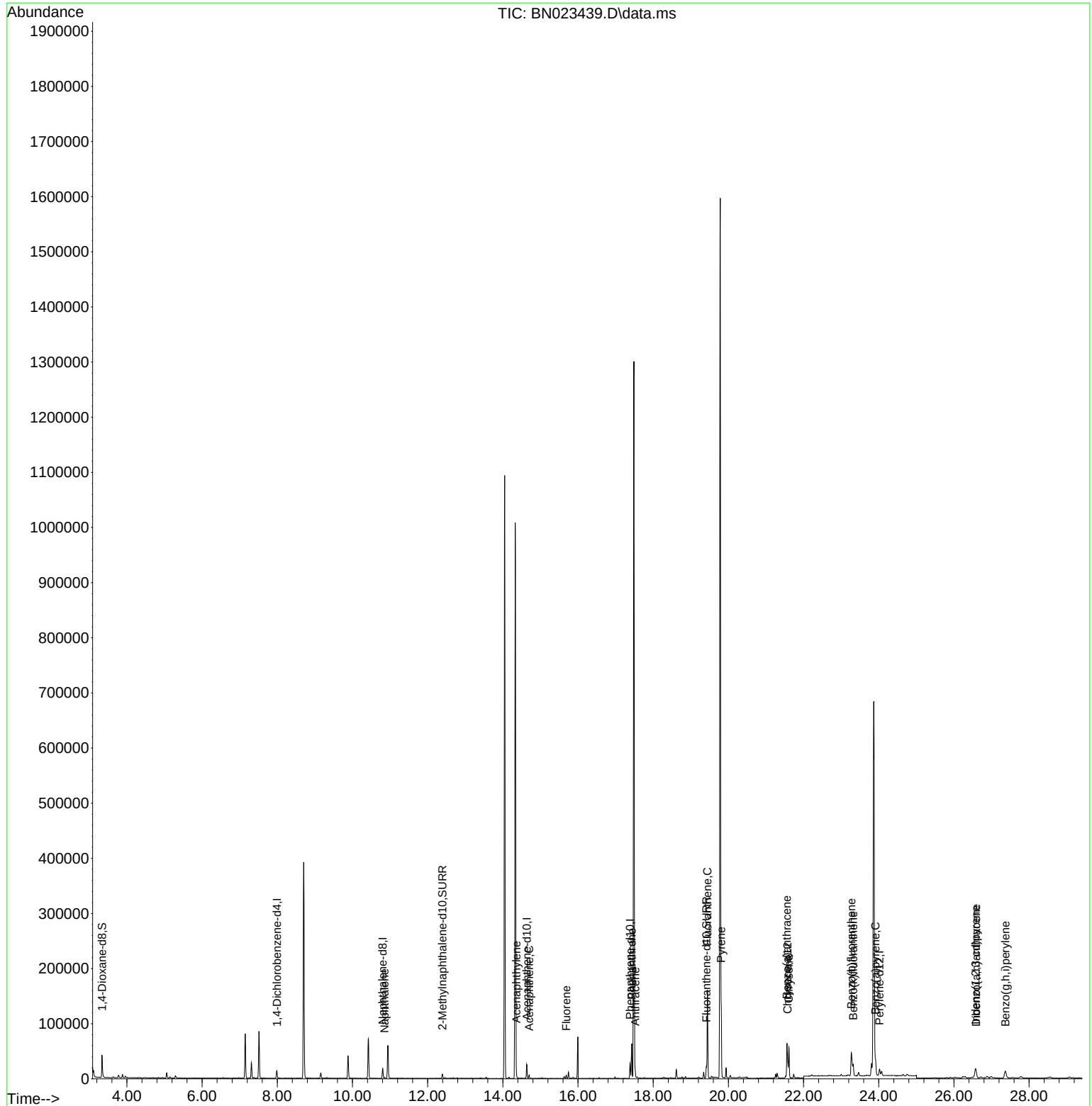
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023439.D
Acq On : 25 Dec 2022 08:46
Operator : CG/JU
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ALS Vial : 67 Sample Multiplier: 1

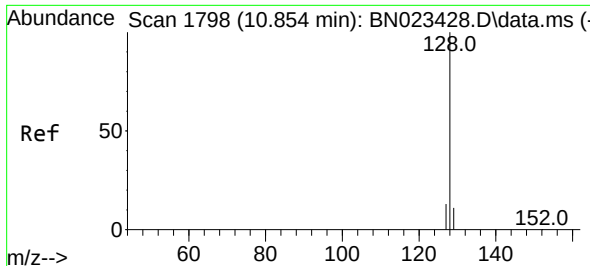
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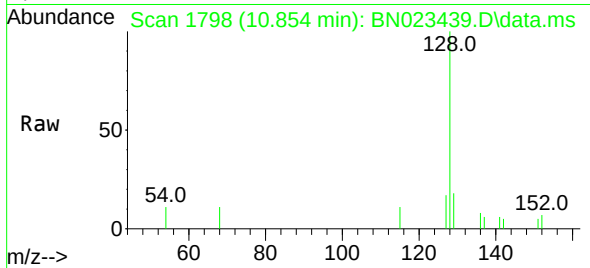
Quant Time: Dec 26 01:22:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
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#5
Naphthalene
Concen: 0.030 ng/u1
RT: 10.854 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BN023439.D
Acq: 25 Dec 2022 08:46

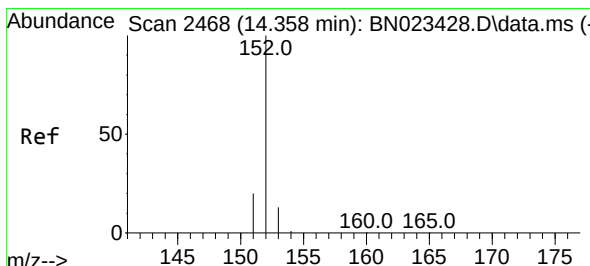
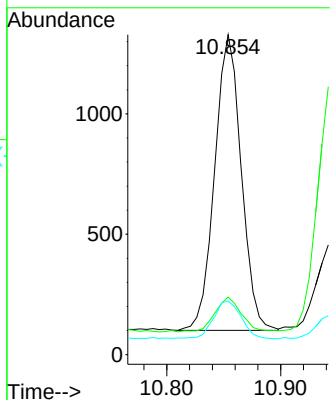
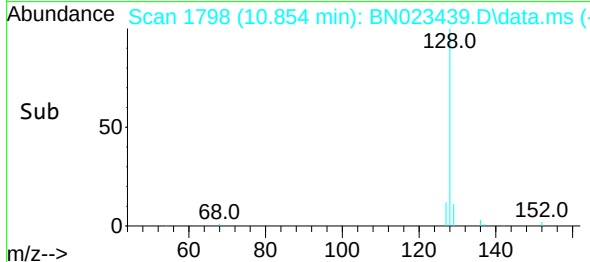
Instrument :
BNA_N
ClientSampleId :
DBYF8



Tgt Ion:128 Resp: 1980
Ion Ratio Lower Upper
128 100
129 18.0 9.0 13.4
127 16.8 10.7 16.1

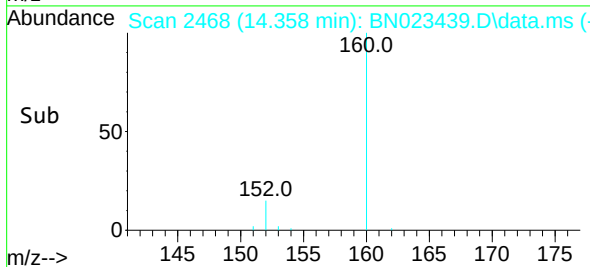
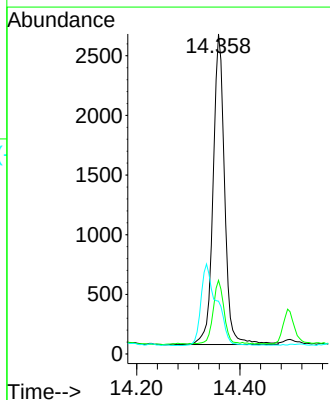
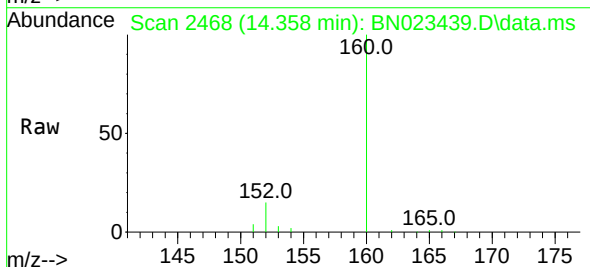
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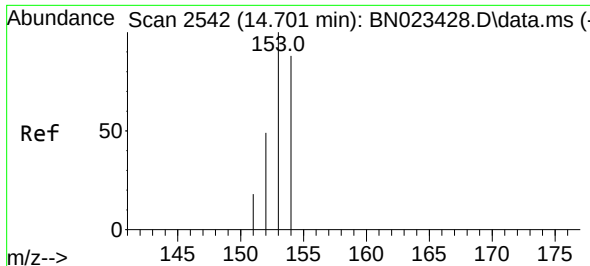
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#10
Acenaphthylene
Concen: 0.068 ng/u1
RT: 14.358 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BN023439.D
Acq: 25 Dec 2022 08:46

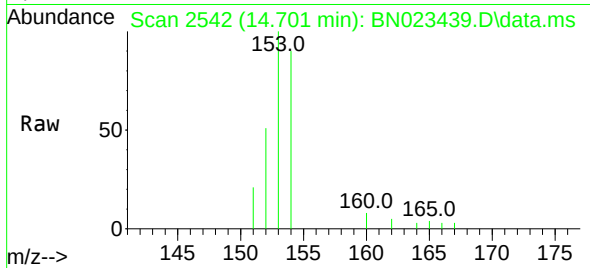
Tgt Ion:152 Resp: 4032
Ion Ratio Lower Upper
152 100
151 23.0 16.1 24.1
153 16.5 10.9 16.3





#11
Acenaphthene
Concen: 0.068 ng/u1
RT: 14.701 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN023439.D
Acq: 25 Dec 2022 08:46

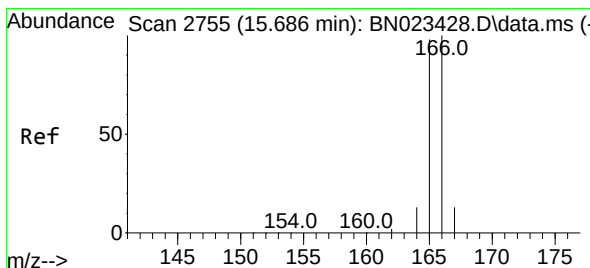
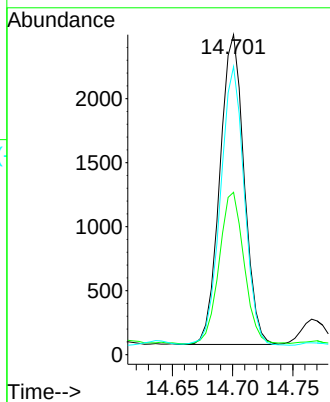
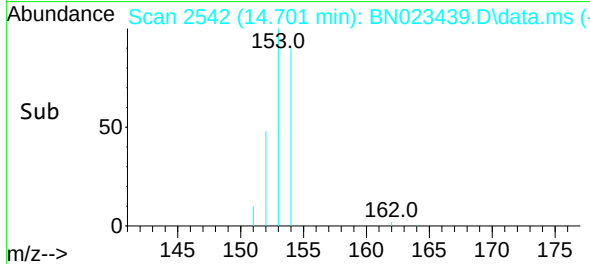
Instrument :
BNA_N
ClientSampleId :
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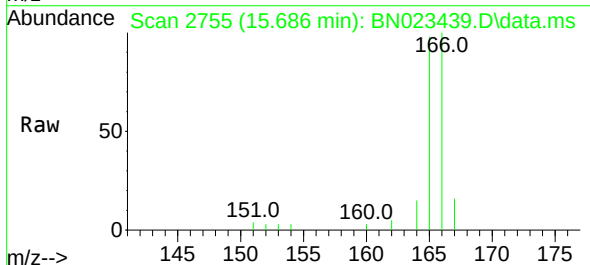
Tgt Ion:153 Resp: 3394
Ion Ratio Lower Upper
153 100
152 50.8 41.0 61.4
154 90.0 69.5 104.3

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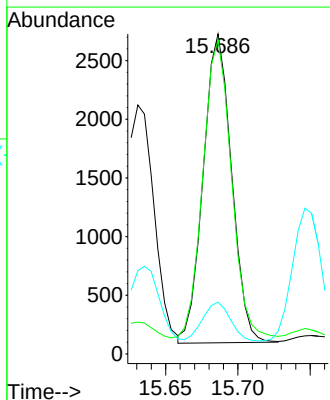
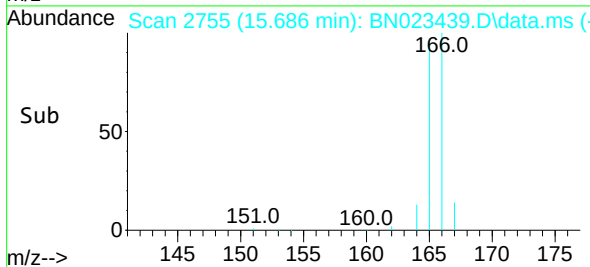
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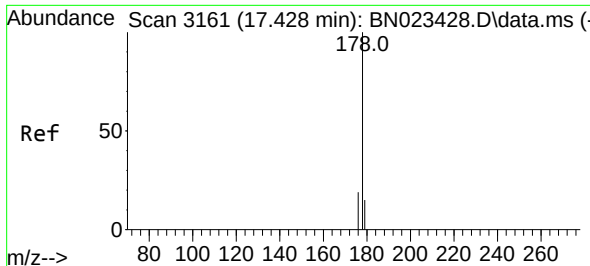


#12
Fluorene
Concen: 0.064 ng/u1
RT: 15.686 min Scan# 2755
Delta R.T. 0.000 min
Lab File: BN023439.D
Acq: 25 Dec 2022 08:46



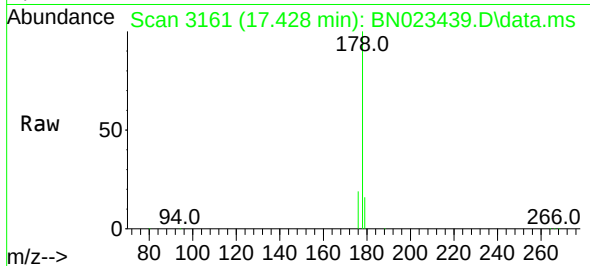
Tgt Ion:166 Resp: 3585
Ion Ratio Lower Upper
166 100
165 98.2 79.1 118.7
167 16.2 11.0 16.4





#15
Phenanthrene
Concen: 0.669 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BN023439.D
Acq: 25 Dec 2022 08:46

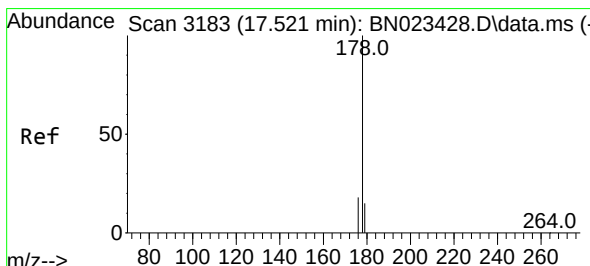
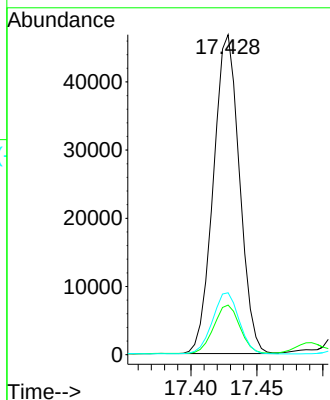
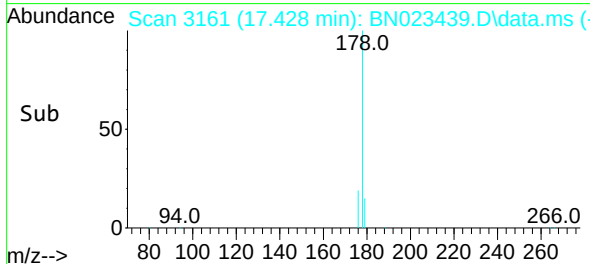
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:178 Resp: 64364
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 19.4 15.7 23.5

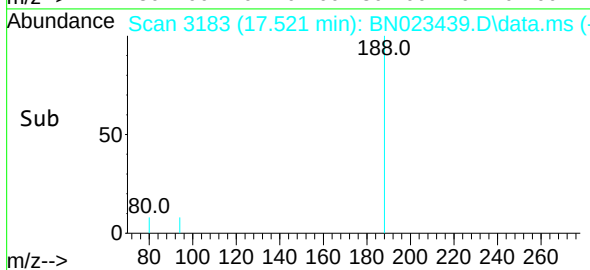
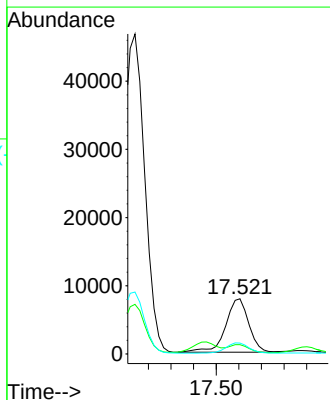
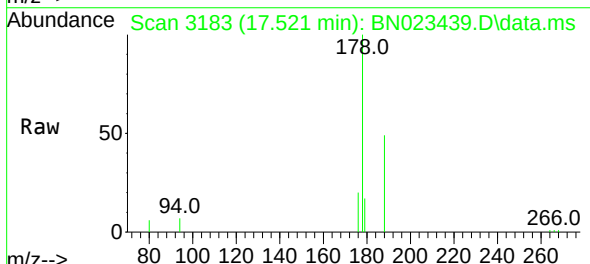
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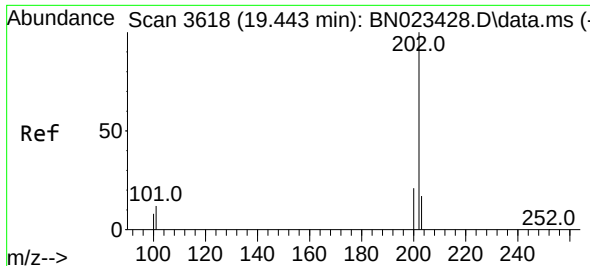
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#16
Anthracene
Concen: 0.140 ng/ul
RT: 17.521 min Scan# 3183
Delta R.T. 0.000 min
Lab File: BN023439.D
Acq: 25 Dec 2022 08:46

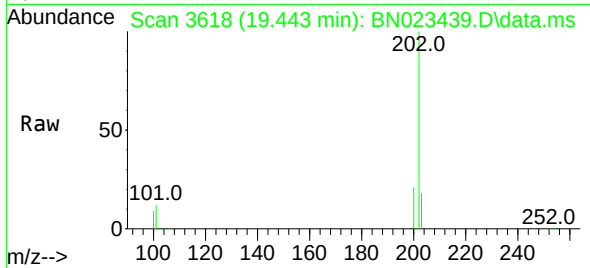
Tgt Ion:178 Resp: 11139
Ion Ratio Lower Upper
178 100
179 16.7 12.6 18.8
176 19.9 15.4 23.0





#19
Fluoranthene
Concen: 1.232 ng/ul
RT: 19.443 min Scan# 3618
Delta R.T. 0.000 min
Lab File: BN023439.D
Acq: 25 Dec 2022 08:46

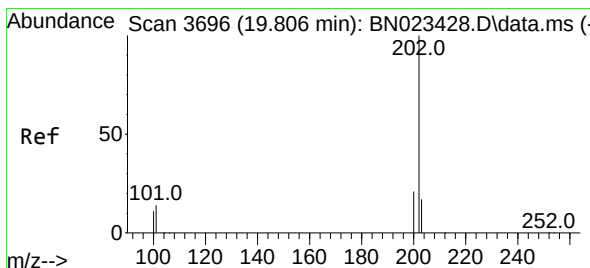
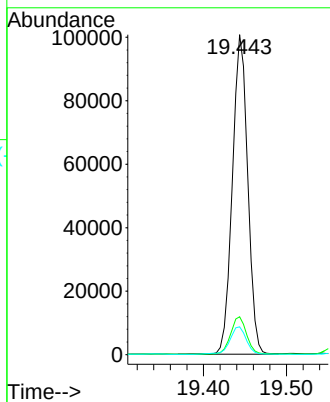
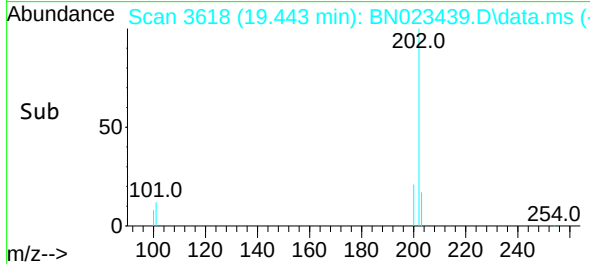
Instrument :
BNA_N
ClientSampleId :
DBYF8



Tgt Ion:202 Resp: 129700
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.2
100 8.7 7.0 10.6

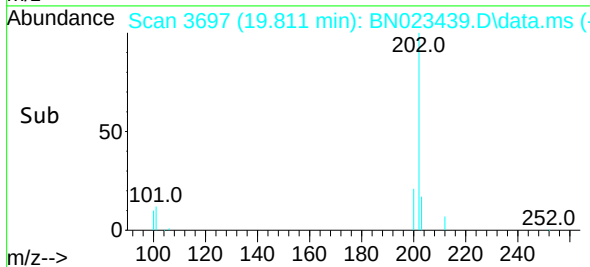
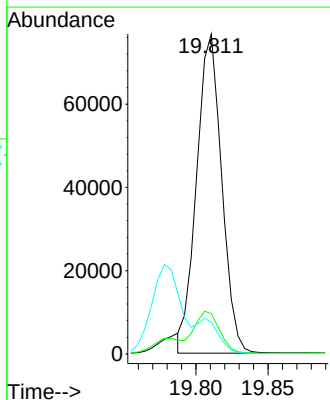
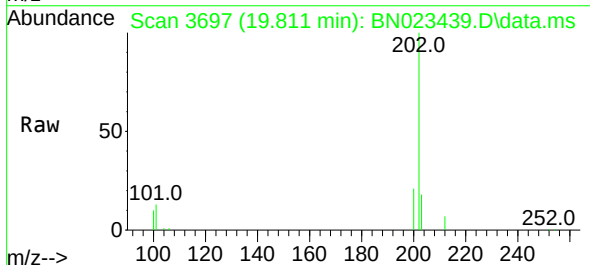
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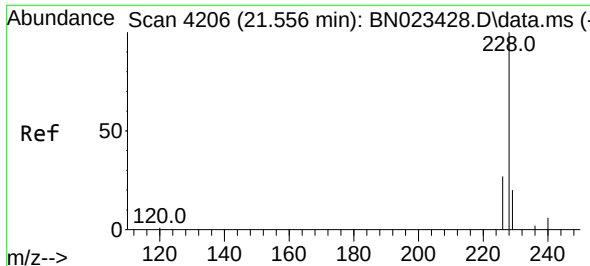
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#20
Pyrene
Concen: 0.875 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. 0.005 min
Lab File: BN023439.D
Acq: 25 Dec 2022 08:46

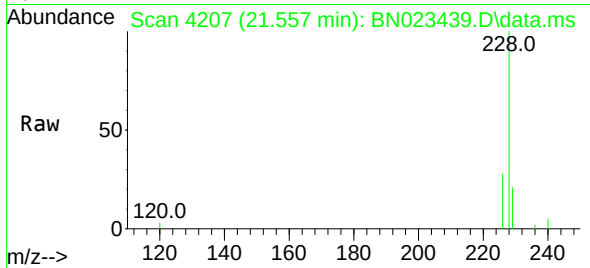
Tgt Ion:202 Resp: 92881
Ion Ratio Lower Upper
202 100
101 12.6 11.3 16.9
100 9.9 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.601 ng/u1
RT: 21.557 min Scan# 4206
Delta R.T. 0.001 min
Lab File: BN023439.D
Acq: 25 Dec 2022 08:46

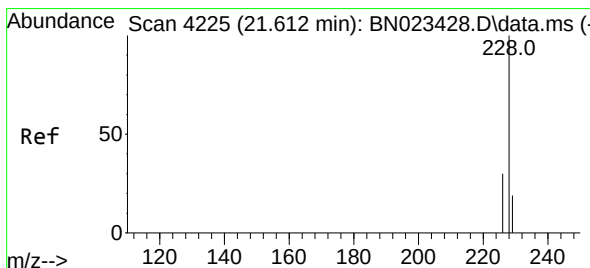
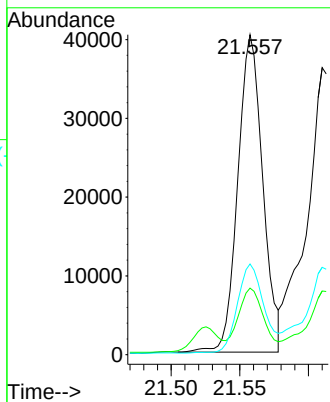
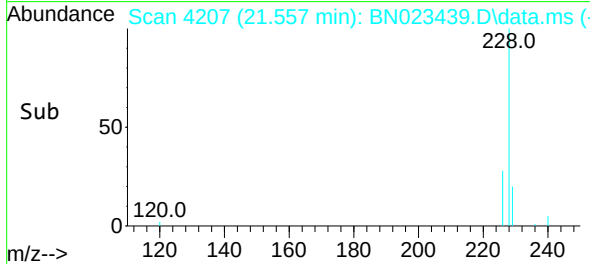
Instrument :
BNA_N
ClientSampleId :
DBYF8



Tgt Ion:228 Resp: 50780
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.3 22.2 33.2

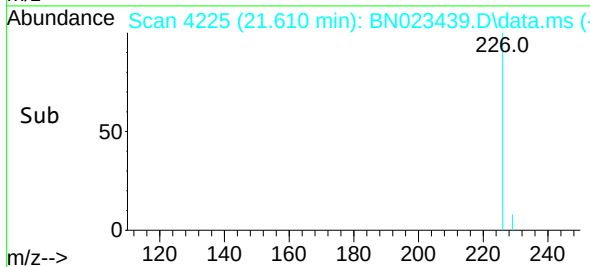
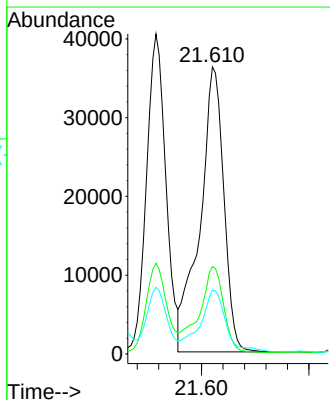
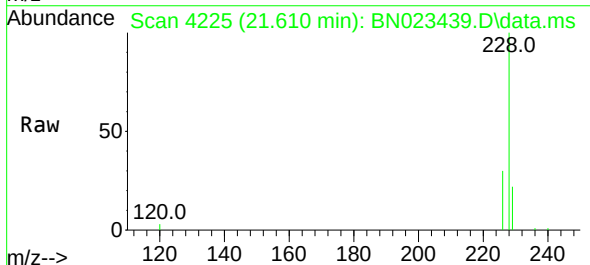
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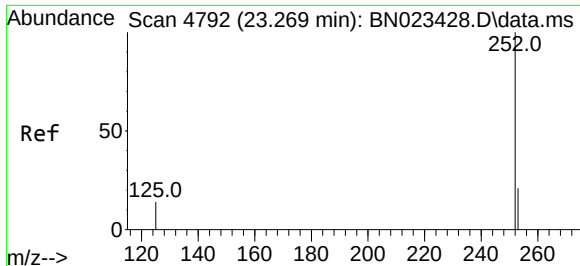
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#22
Chrysene
Concen: 0.652 ng/u1
RT: 21.610 min Scan# 4225
Delta R.T. -0.002 min
Lab File: BN023439.D
Acq: 25 Dec 2022 08:46

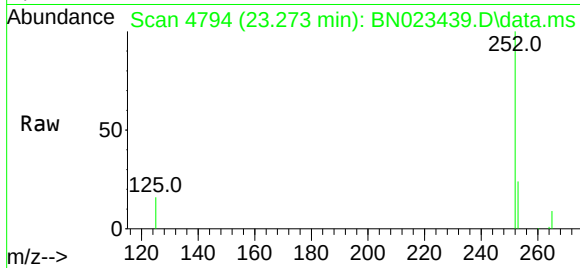
Tgt Ion:228 Resp: 56015
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.839 ng/ul m
RT: 23.273 min Scan# 41
Delta R.T. 0.004 min
Lab File: BN023439.D
Acq: 25 Dec 2022 08:46

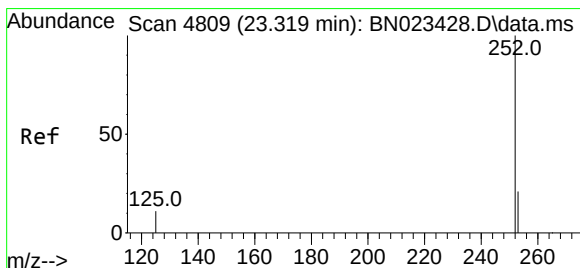
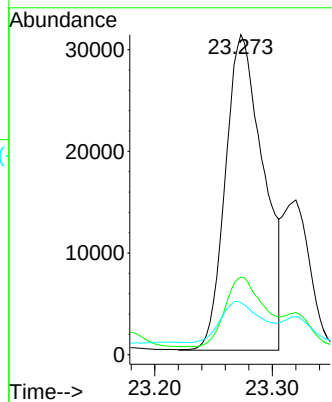
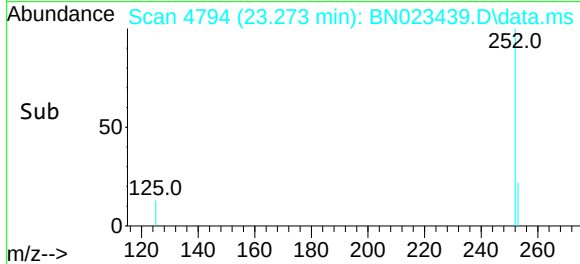
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DBYF8



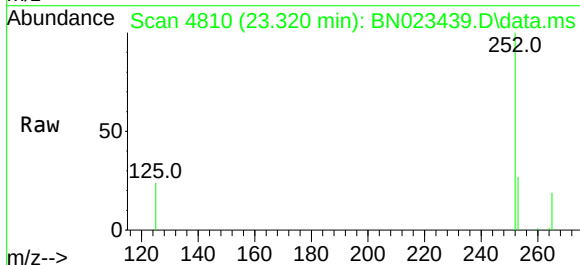
Tgt Ion:252 Resp: 69588
Ion Ratio Lower Upper
252 100
253 24.3 0.0 49.2
125 16.3 0.0 31.8

Manual Integrations
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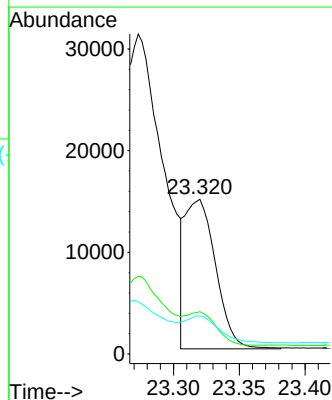
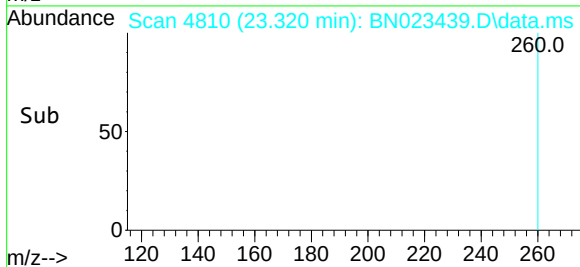
Reviewed By :Yogesh Patel 12/26/2022
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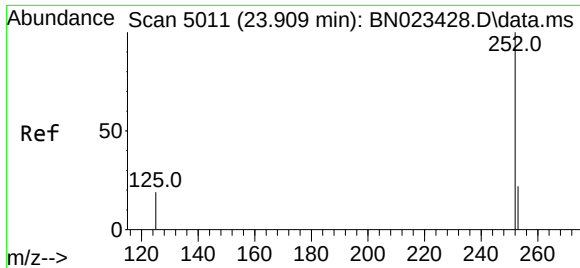


#25
Benzo(k)fluoranthene
Concen: 0.305 ng/ul m
RT: 23.320 min Scan# 4810
Delta R.T. 0.001 min
Lab File: BN023439.D
Acq: 25 Dec 2022 08:46



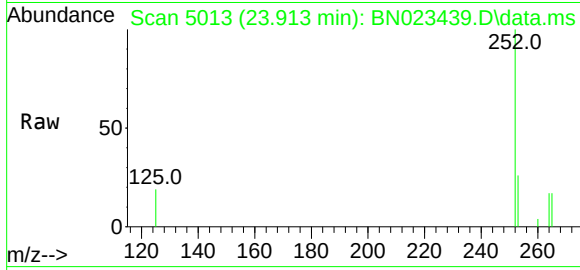
Tgt Ion:252 Resp: 23733
Ion Ratio Lower Upper
252 100
253 27.3 19.8 29.6
125 24.5 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.575 ng/ul
RT: 23.913 min Scan# 5011
Delta R.T. 0.004 min
Lab File: BN023439.D
Acq: 25 Dec 2022 08:46

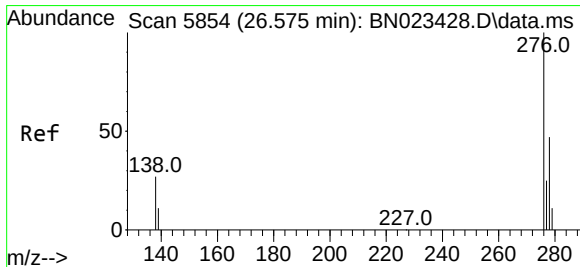
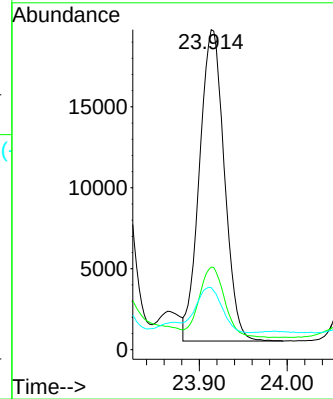
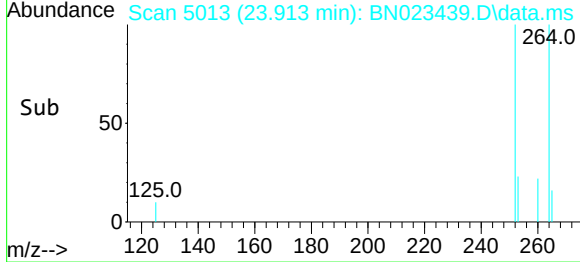
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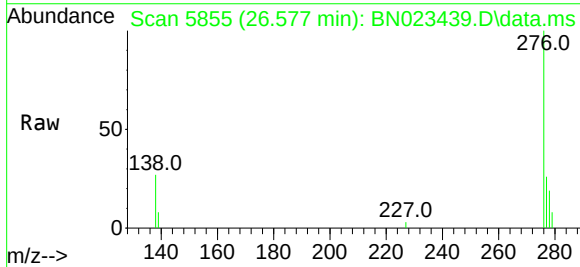
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Ion Ratio Lower Upper
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125 19.4 16.2 24.4

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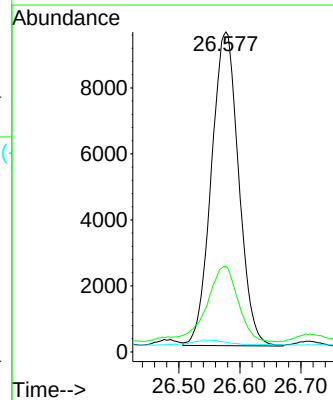
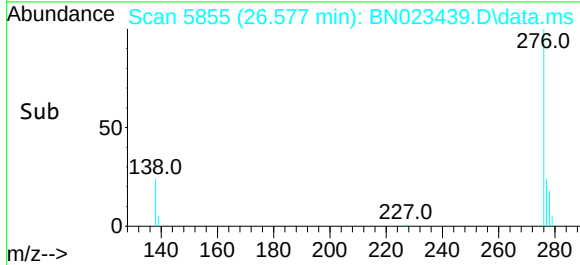
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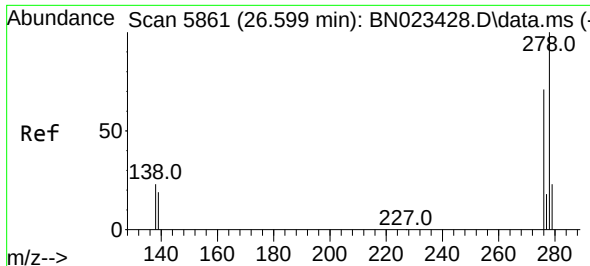


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng/ul
RT: 26.577 min Scan# 5855
Delta R.T. 0.002 min
Lab File: BN023439.D
Acq: 25 Dec 2022 08:46



Tgt Ion:276 Resp: 29539
Ion Ratio Lower Upper
276 100
138 27.2 23.4 35.2
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.114 ng/ul

RT: 26.590 min Scan# 5861

Delta R.T. -0.008 min

Lab File: BN023439.D

Acq: 25 Dec 2022 08:46

Instrument :

BNA_N

ClientSampleId :

DBYF8

Tgt Ion:278 Resp: 6804

Ion Ratio Lower Upper

278 100

139 36.0 16.6 24.8

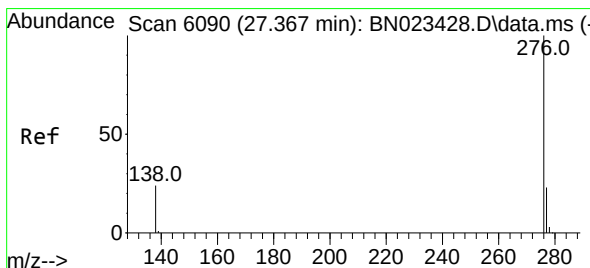
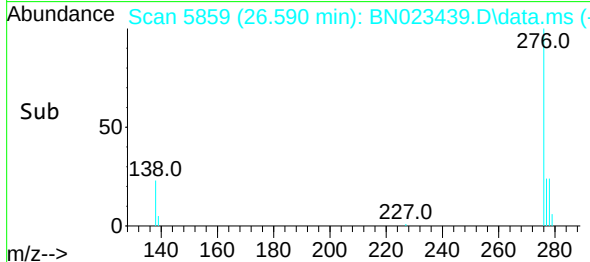
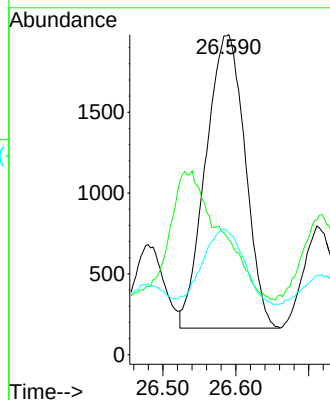
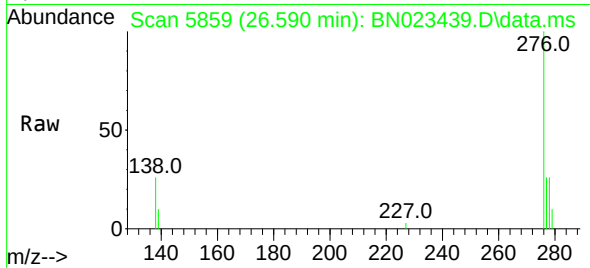
279 38.2 21.3 31.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/26/2022

Supervised By :Sohil Jodhani 12/26/2022



#29

Benzo(g,h,i)perylene

Concen: 0.460 ng/ul

RT: 27.369 min Scan# 6091

Delta R.T. 0.002 min

Lab File: BN023439.D

Acq: 25 Dec 2022 08:46

Tgt Ion:276 Resp: 28716

Ion Ratio Lower Upper

276 100

138 27.7 20.3 30.5

277 24.9 19.7 29.5

