

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023420.D
 Acq On : 24 Dec 2022 20:50
 Operator : CG/JU
 Sample : N6015-19
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXZ8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 04:56:29 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 : Thu Dec 22 02:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	6989	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	23188	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.641	164	14204	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	33335	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	22948	0.400	ng/ul	0.00
23) Perylene-d12	24.025	264	17653	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	48467	6.382	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	16720	0.466	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	40081	0.483	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	3552	0.052	ng/ul#	92
7) 2-Methylnaphthalene	12.465	142	1997	0.046	ng/ul	100
8) 1-Methylnaphthalene	12.685	142	1567	0.035	ng/ul	99
10) Acenaphthylene	14.363	152	2461	0.039	ng/ul#	87
11) Acenaphthene	14.701	153	1446	0.027	ng/ul	95
12) Fluorene	15.686	166	1292	0.022	ng/ul#	96
15) Phenanthrene	17.428	178	31795	0.293	ng/ul	99
16) Anthracene	17.521	178	4837	0.054	ng/ul#	92
19) Fluoranthene	19.444	202	99566	0.894	ng/ul	95
20) Pyrene	19.811	202	76204m	0.679	ng/ul	
21) Benzo(a)anthracene	21.560	228	44240	0.495	ng/ul	97
22) Chrysene	21.613	228	54738	0.602	ng/ul	97
24) Benzo(b)fluoranthene	23.276	252	77416m	0.848	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	25219m	0.294	ng/ul	
26) Benzo(a)pyrene	23.916	252	45991	0.636	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.577	276	37905	0.449	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.590	278	9371	0.143	ng/ul#	72
29) Benzo(g,h,i)perylene	27.369	276	38638	0.562	ng/ul#	80

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

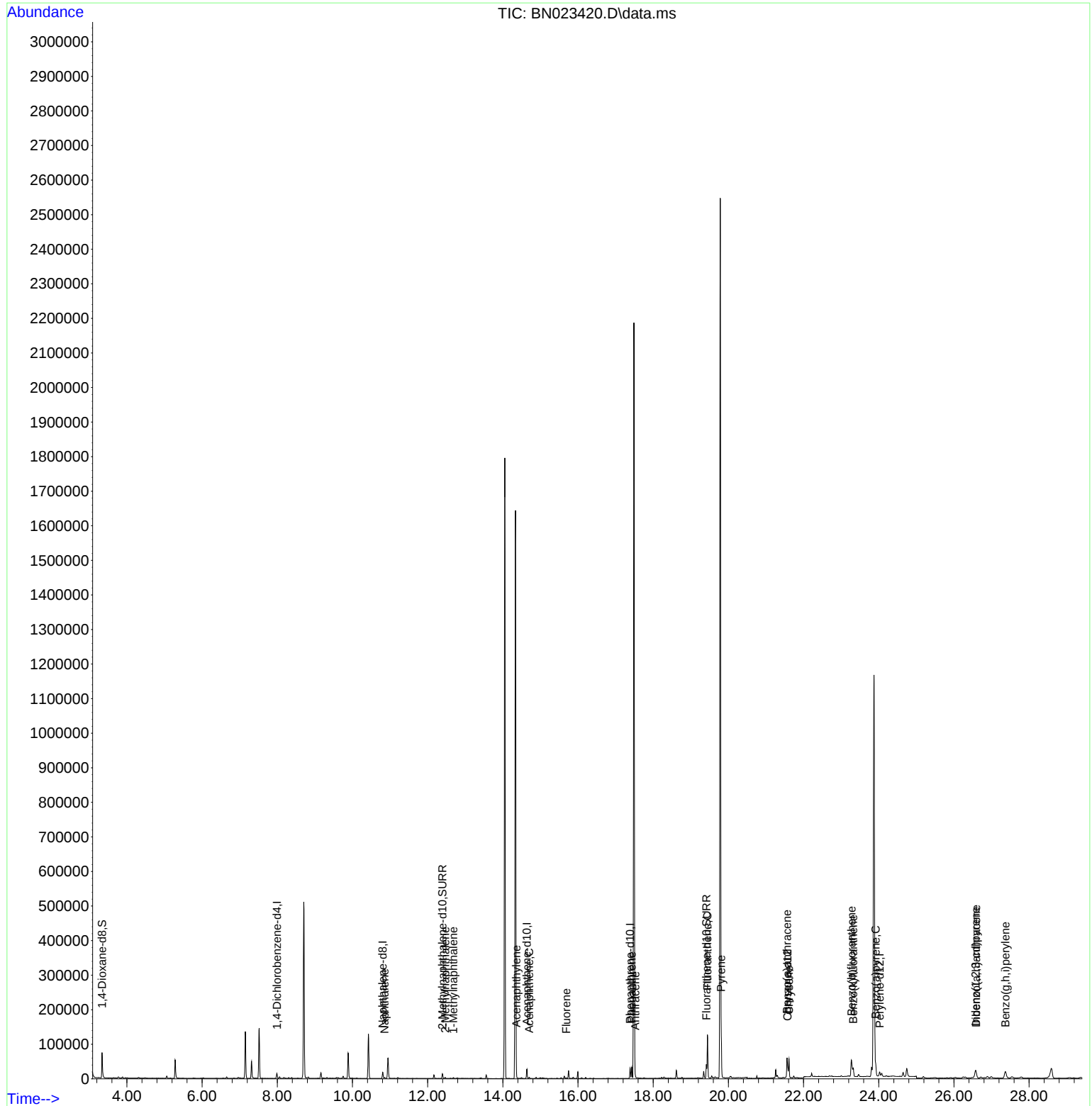
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023420.D
Acq On : 24 Dec 2022 20:50
Operator : CG/JU
Sample : N6015-19
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ALS Vial : 47 Sample Multiplier: 1

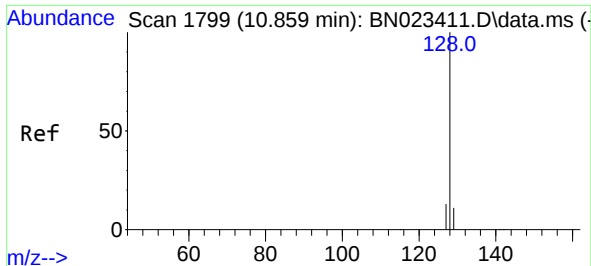
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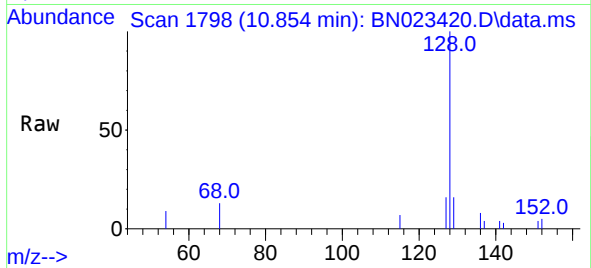
Quant Time: Dec 25 04:56:29 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.052 ng/ul
RT: 10.854 min Scan# 1799
Delta R.T. -0.011 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

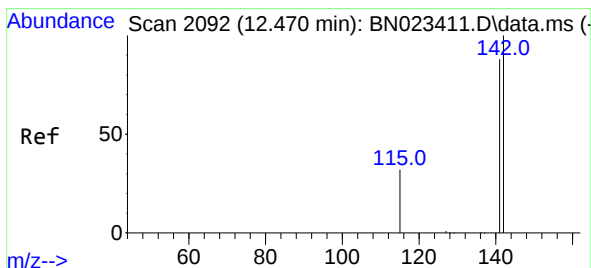
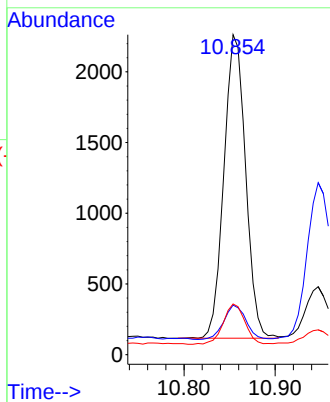
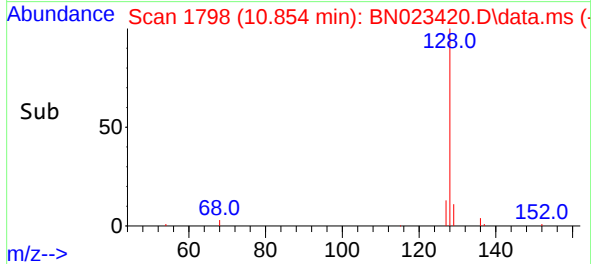
Instrument :
BNA_N
ClientSampleId :
DBXZ8



Tgt Ion:128 Resp: 3552
Ion Ratio Lower Upper
128 100
129 15.5 9.0 13.4
127 15.9 10.7 16.1

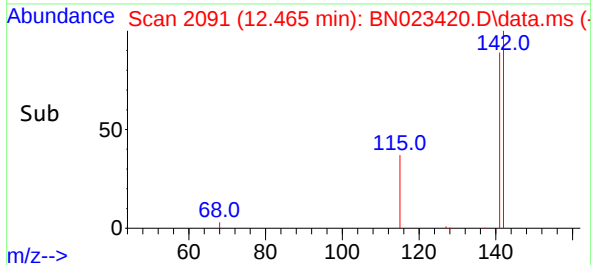
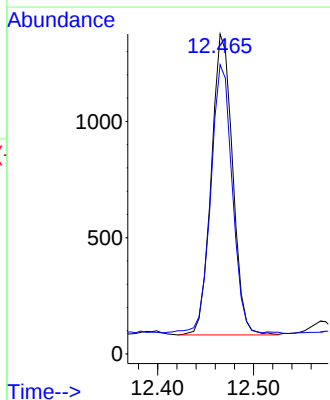
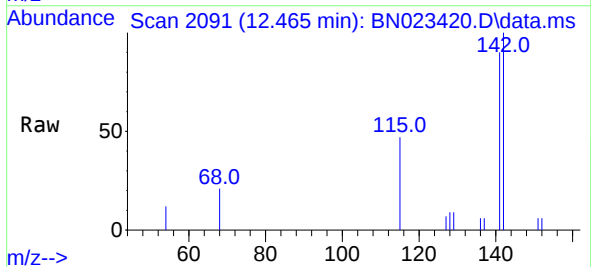
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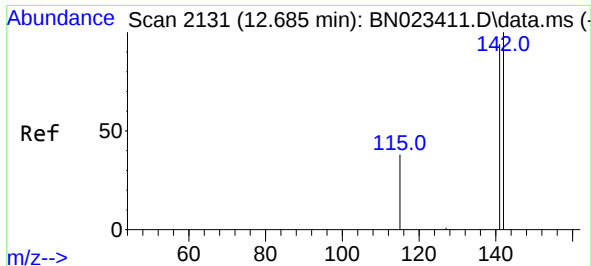
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#7
2-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

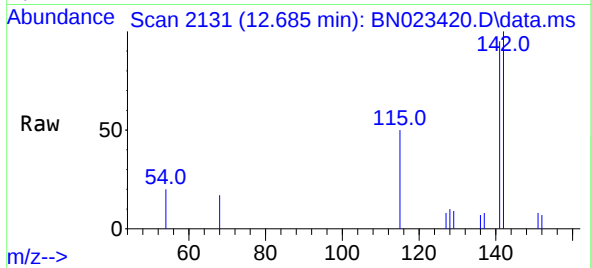
Tgt Ion:142 Resp: 1997
Ion Ratio Lower Upper
142 100
141 89.0 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.035 ng/u1
RT: 12.685 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

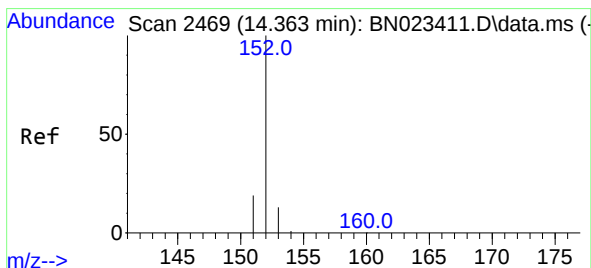
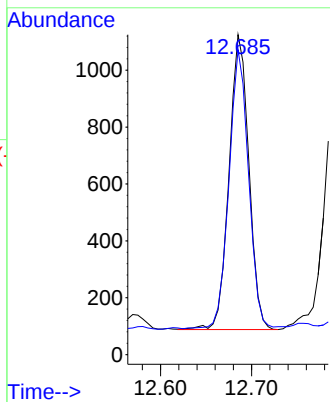
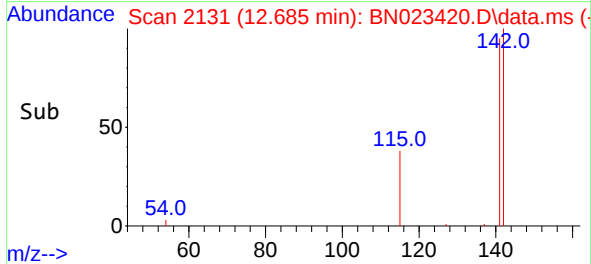
Instrument :
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ClientSampleId :
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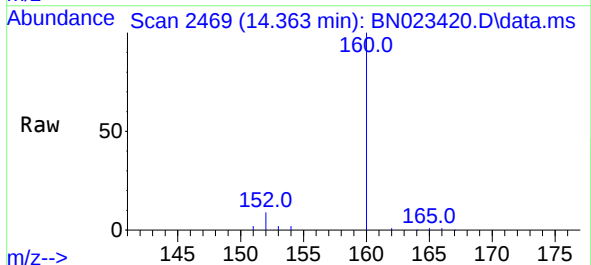
Tgt Ion:142 Resp: 156
Ion Ratio Lower Upper
142 100
141 93.6 74.0 111.0

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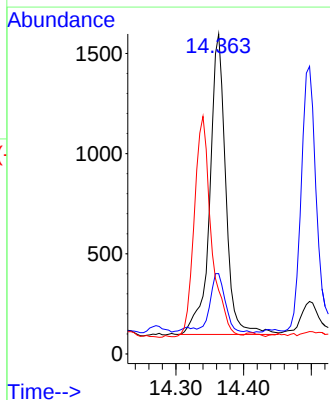
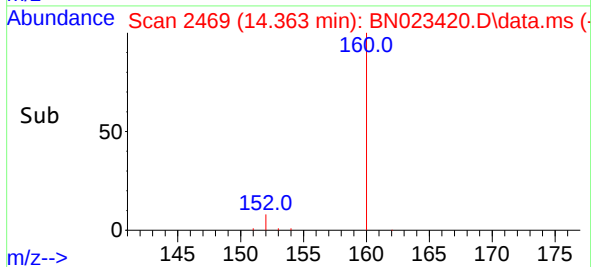
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

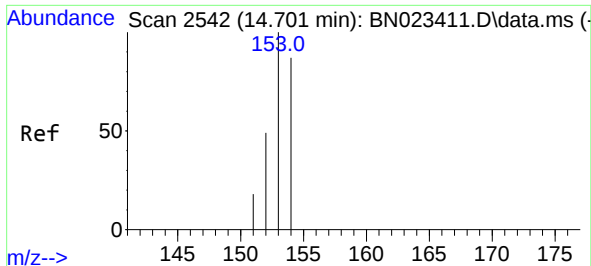


#10
Acenaphthylene
Concen: 0.039 ng/u1
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50



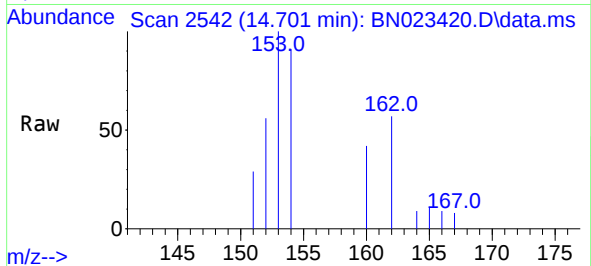
Tgt Ion:152 Resp: 2461
Ion Ratio Lower Upper
152 100
151 25.1 16.1 24.1#
153 19.9 10.9 16.3#





#11
Acenaphthene
Concen: 0.027 ng/u1
RT: 14.701 min Scan# 2542
Delta R.T. -0.005 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

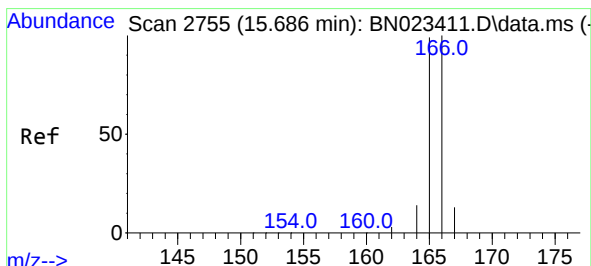
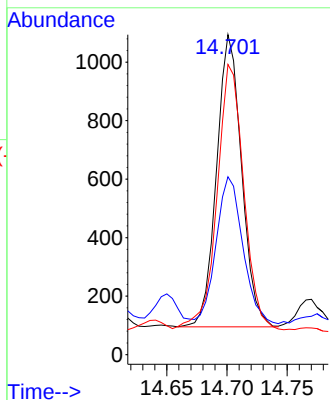
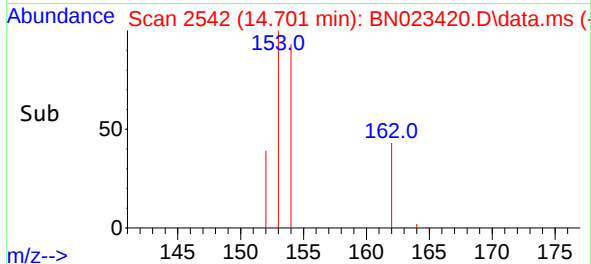
Instrument :
BNA_N
ClientSampleId :
DBXZ8



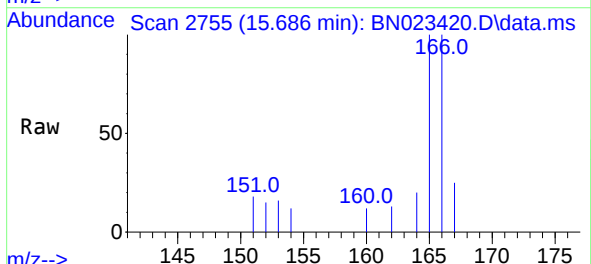
Tgt Ion:153 Resp: 1440
Ion Ratio Lower Upper
153 100
152 55.6 41.0 61.4
154 90.7 69.5 104.3

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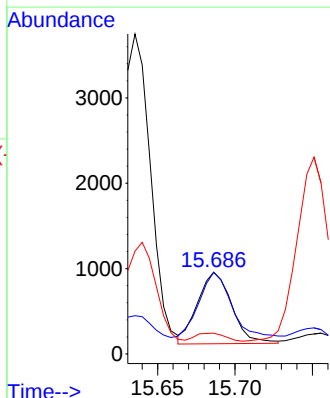
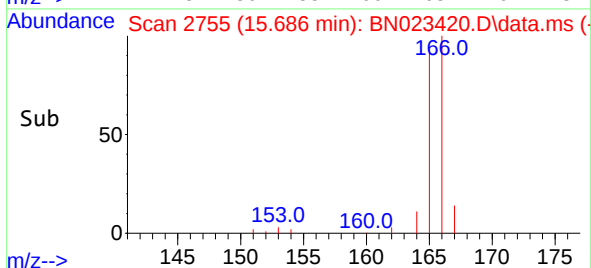
Reviewed By :Jagrut Upadhyay 12/25/2022
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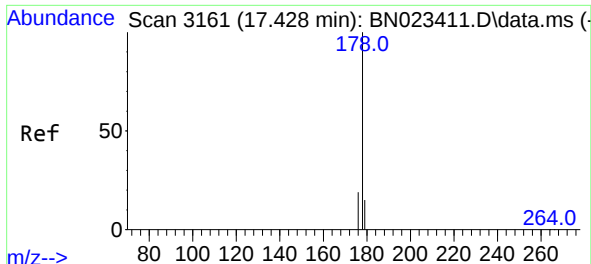


#12
Fluorene
Concen: 0.022 ng/u1
RT: 15.686 min Scan# 2755
Delta R.T. -0.005 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50



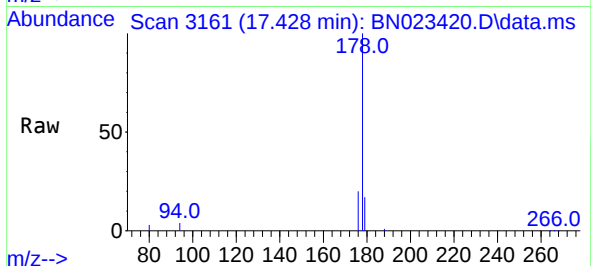
Tgt Ion:166 Resp: 1292
Ion Ratio Lower Upper
166 100
165 99.8 79.1 118.7
167 25.5 11.0 16.4#





#15
Phenanthrene
Concen: 0.293 ng/u1
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

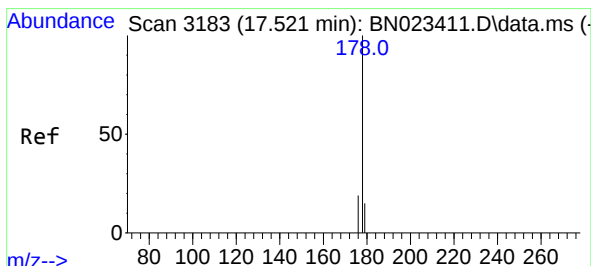
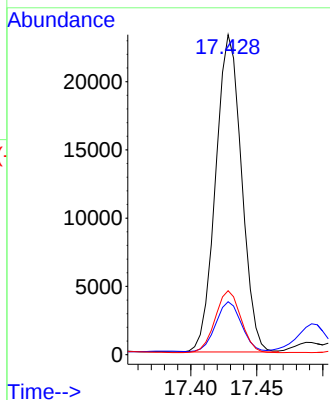
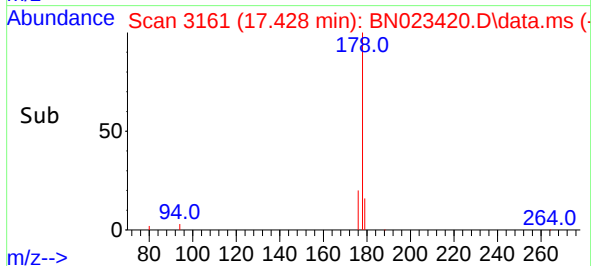
Instrument :
BNA_N
ClientSampleId :
DBXZ8



Tgt Ion:178 Resp: 3179
Ion Ratio Lower Upper
178 100
179 16.6 12.5 18.7
176 20.0 15.7 23.5

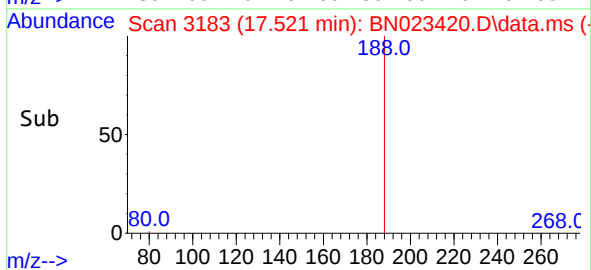
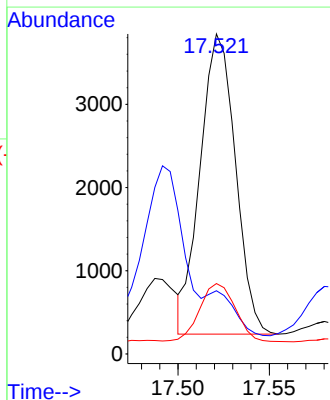
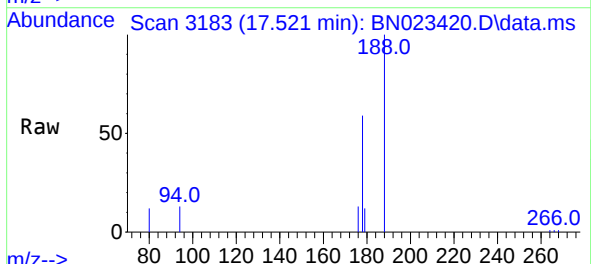
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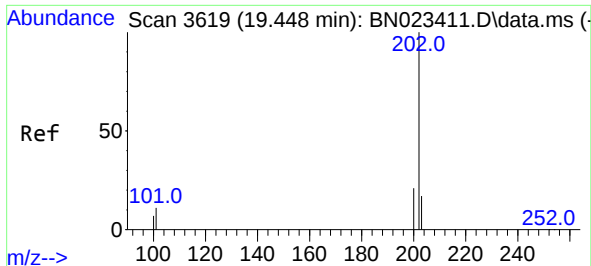
Reviewed By :Jagrut Upadhyay 12/25/2022
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#16
Anthracene
Concen: 0.054 ng/u1
RT: 17.521 min Scan# 3183
Delta R.T. -0.005 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

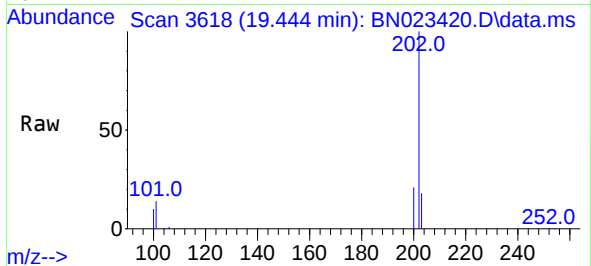
Tgt Ion:178 Resp: 4837
Ion Ratio Lower Upper
178 100
179 19.8 12.6 18.8#
176 22.0 15.4 23.0





#19
Fluoranthene
Concen: 0.894 ng/ul
RT: 19.444 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

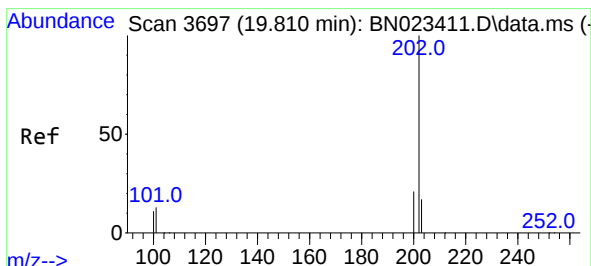
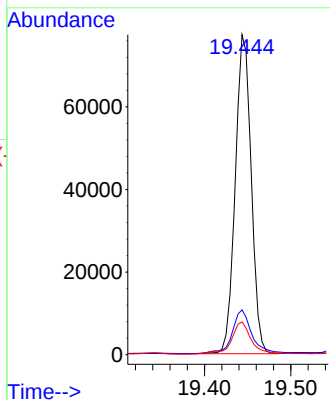
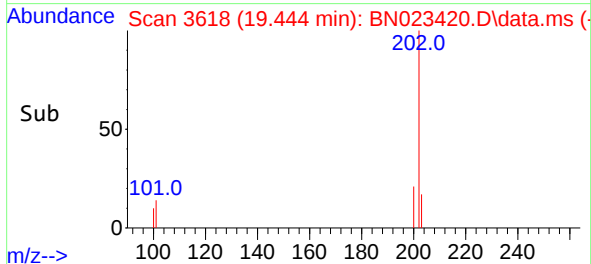
Instrument :
BNA_N
ClientSampleId :
DBXZ8



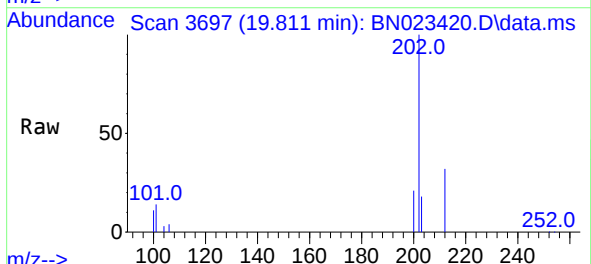
Tgt Ion:202 Resp: 99560
Ion Ratio Lower Upper
202 100
101 14.0 9.4 14.2
100 10.2 7.0 10.6

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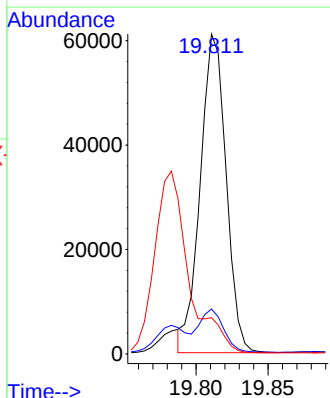
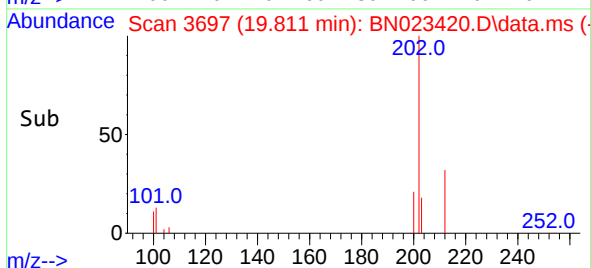
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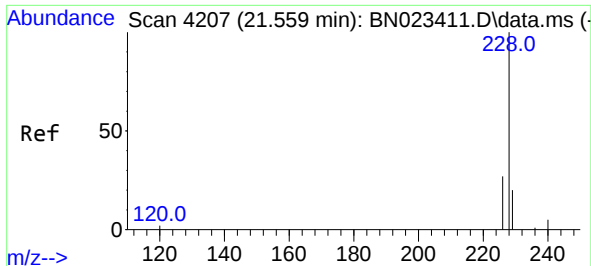


#20
Pyrene
Concen: 0.679 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50



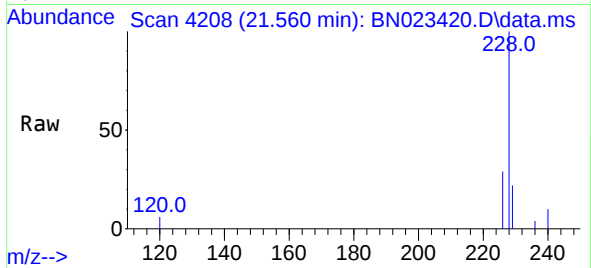
Tgt Ion:202 Resp: 76204
Ion Ratio Lower Upper
202 100
101 14.0 11.3 16.9
100 11.4 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.495 ng/u1
RT: 21.560 min Scan# 4207
Delta R.T. -0.001 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

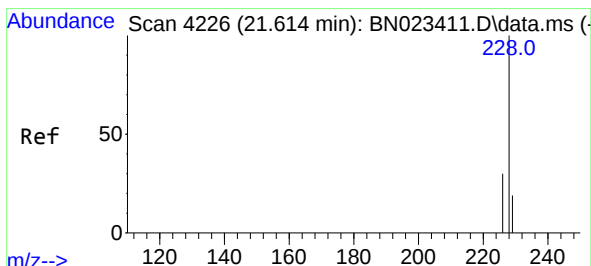
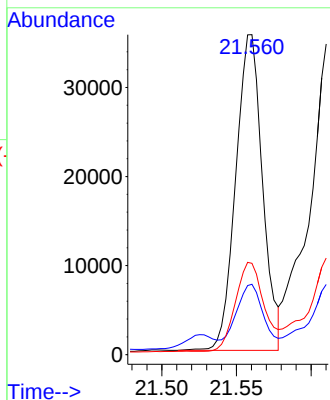
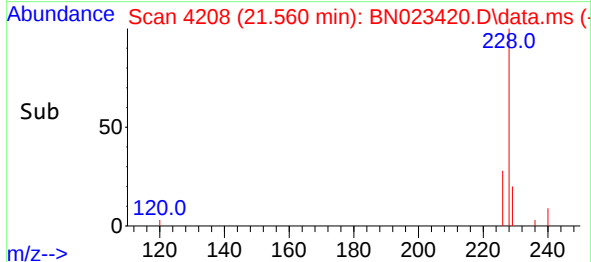
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DBXZ8



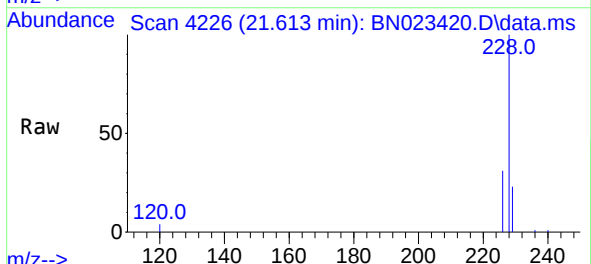
Tgt Ion:228 Resp: 44240
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 28.6 22.2 33.2

Manual Integrations
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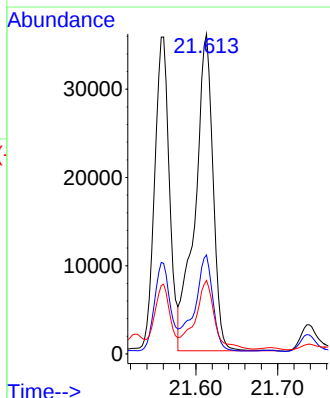
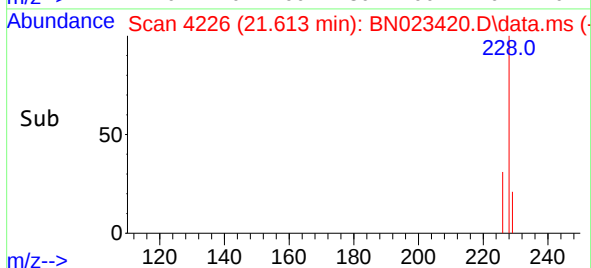
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

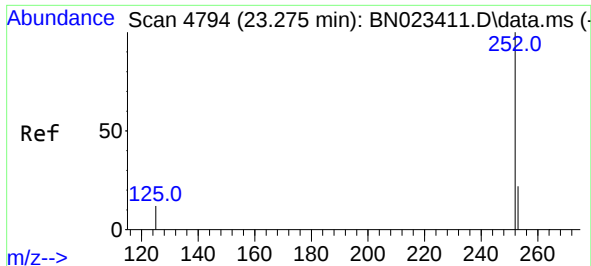


#22
Chrysene
Concen: 0.602 ng/u1
RT: 21.613 min Scan# 4226
Delta R.T. -0.004 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50



Tgt Ion:228 Resp: 54738
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 23.0 15.8 23.6





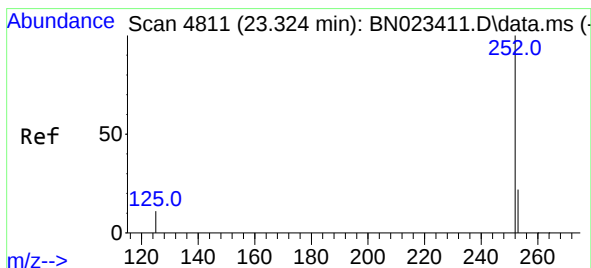
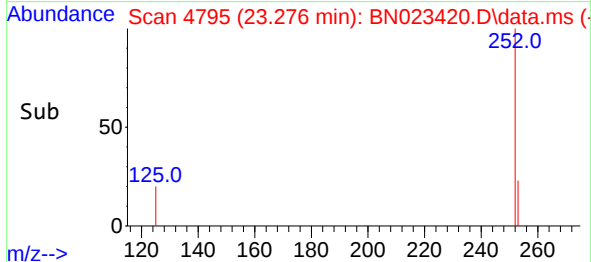
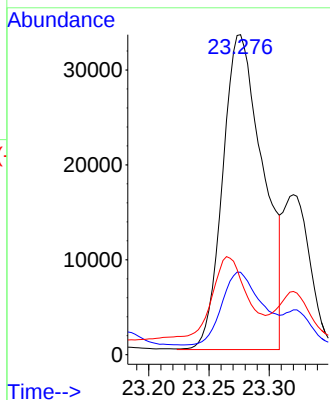
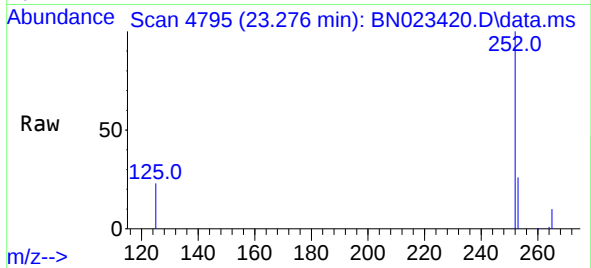
#24
Benzo(b)fluoranthene
Concen: 0.848 ng/ul m
RT: 23.276 min Scan# 4794
Delta R.T. 0.002 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

Instrument :
BNA_N
ClientSampleId :
DBXZ8

Tgt Ion:252 Resp: 77410
Ion Ratio Lower Upper
252 100
253 25.7 0.0 49.2
125 23.4 0.0 31.8

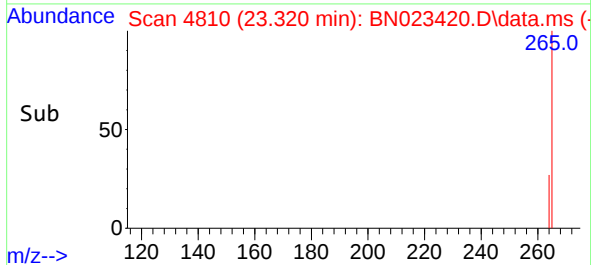
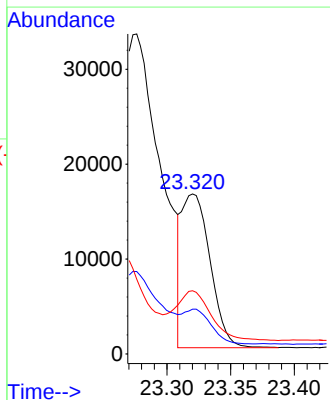
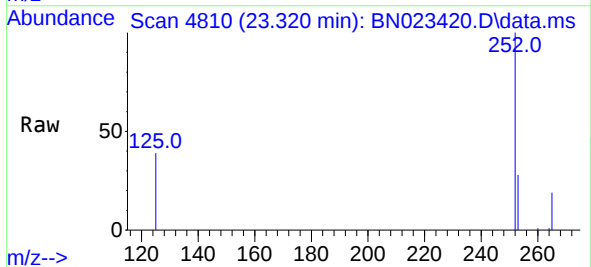
Manual Integrations
APPROVED

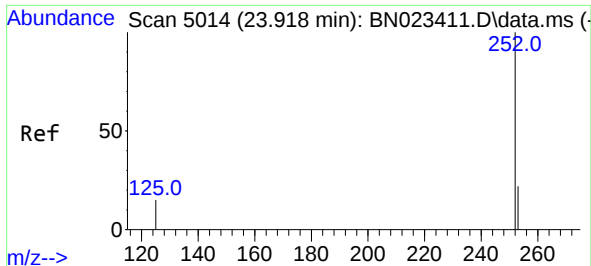
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.294 ng/ul m
RT: 23.320 min Scan# 4810
Delta R.T. -0.004 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

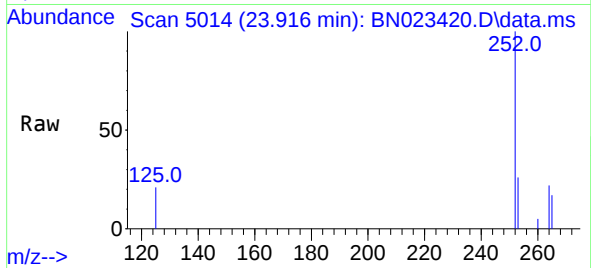
Tgt Ion:252 Resp: 25219
Ion Ratio Lower Upper
252 100
253 28.0 19.8 29.6
125 39.5 12.6 18.8





#26
Benzo(a)pyrene
Concen: 0.636 ng/u1
RT: 23.916 min Scan# 5014
Delta R.T. 0.002 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50

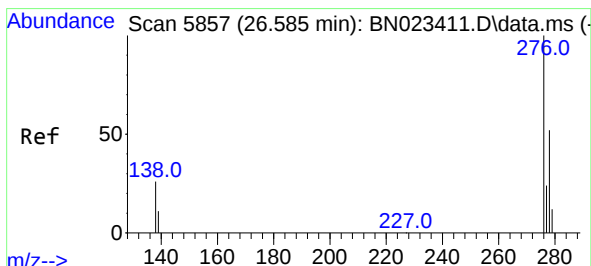
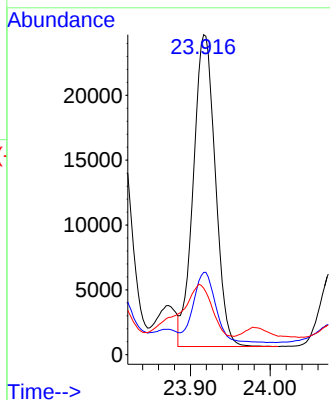
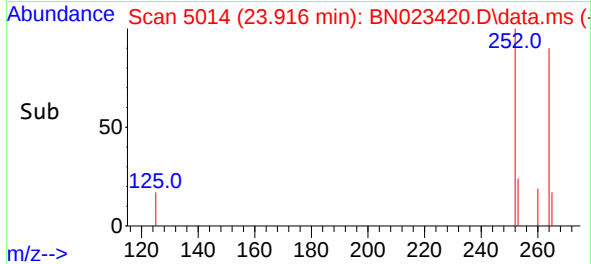
Instrument :
BNA_N
ClientSampleId :
DBXZ8



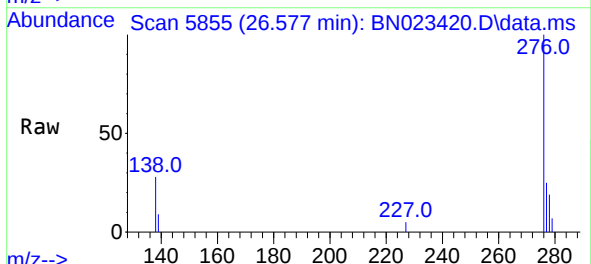
Tgt Ion:252 Resp: 4599
Ion Ratio Lower Upper
252 100
253 25.7 21.4 32.2
125 20.8 16.2 24.4

Manual Integrations
APPROVED

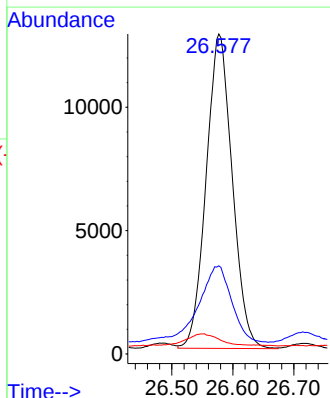
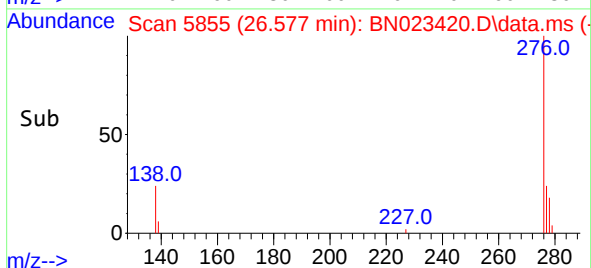
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

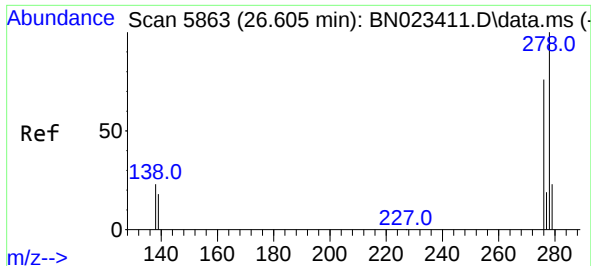


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.449 ng/u1
RT: 26.577 min Scan# 5855
Delta R.T. -0.001 min
Lab File: BN023420.D
Acq: 24 Dec 2022 20:50



Tgt Ion:276 Resp: 37905
Ion Ratio Lower Upper
276 100
138 31.2 23.4 35.2
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.143 ng/ul

RT: 26.590 min Scan# 5859

Delta R.T. -0.011 min

Lab File: BN023420.D

Acq: 24 Dec 2022 20:50

Instrument :

BNA_N

ClientSampleId :

DBXZ8

Tgt Ion:278 Resp: 937

Ion Ratio Lower Upper

278 100

139 39.0 16.6 24.8

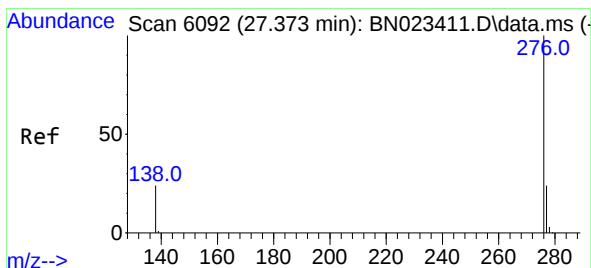
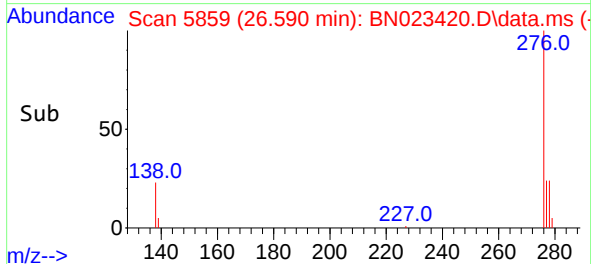
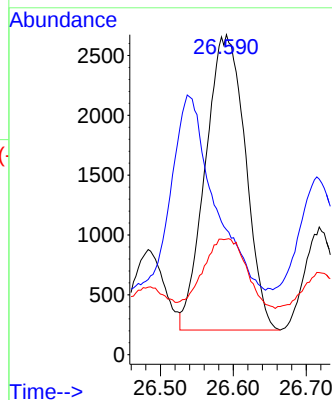
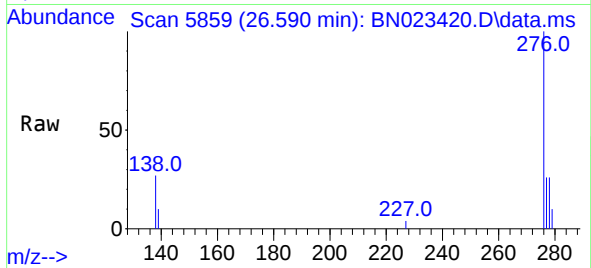
279 36.1 21.3 31.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022

Supervised By :Yogesh Patel 12/25/2022



#29

Benzo(g,h,i)perylene

Concen: 0.562 ng/ul

RT: 27.369 min Scan# 6091

Delta R.T. -0.001 min

Lab File: BN023420.D

Acq: 24 Dec 2022 20:50

Tgt Ion:276 Resp: 38638

Ion Ratio Lower Upper

276 100

138 44.4 20.3 30.5

277 25.2 19.7 29.5

