

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023406.D
 Acq On : 24 Dec 2022 12:27
 Operator : CG/JU
 Sample : N6018-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYH3

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 23:18:13 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	6624	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	22052	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	13064	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	30245	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	18924	0.400	ng/ul	# 0.00
23) Perylene-d12	24.027	264	14708	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	26440	3.674	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	8590	0.252	ng/ul	-0.01
18) Fluoranthene-d10	19.415	212	18986	0.277	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.859	128	7435	0.115	ng/ul	97
7) 2-Methylnaphthalene	12.470	142	4235	0.102	ng/ul	99
8) 1-Methylnaphthalene	12.685	142	3163	0.074	ng/ul	99
10) Acenaphthylene	14.363	152	5154	0.089	ng/ul#	93
11) Acenaphthene	14.701	153	2578	0.053	ng/ul	99
12) Fluorene	15.686	166	3190	0.058	ng/ul#	97
15) Phenanthrene	17.432	178	144985	1.472	ng/ul	100
16) Anthracene	17.521	178	21868	0.268	ng/ul	99
19) Fluoranthene	19.448	202	394910	4.302	ng/ul	100
20) Pyrene	19.811	202	277240m	2.996	ng/ul	
21) Benzo(a)anthracene	21.560	228	149176	2.025	ng/ul	99
22) Chrysene	21.616	228	157681	2.104	ng/ul	98
24) Benzo(b)fluoranthene	23.279	252	180763m	2.376	ng/ul	
25) Benzo(k)fluoranthene	23.326	252	58850m	0.824	ng/ul	
26) Benzo(a)pyrene	23.919	252	103352	1.716	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.587	276	74501	1.060	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.600	278	19182	0.352	ng/ul#	86
29) Benzo(g,h,i)perylene	27.378	276	71154	1.242	ng/ul	97

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

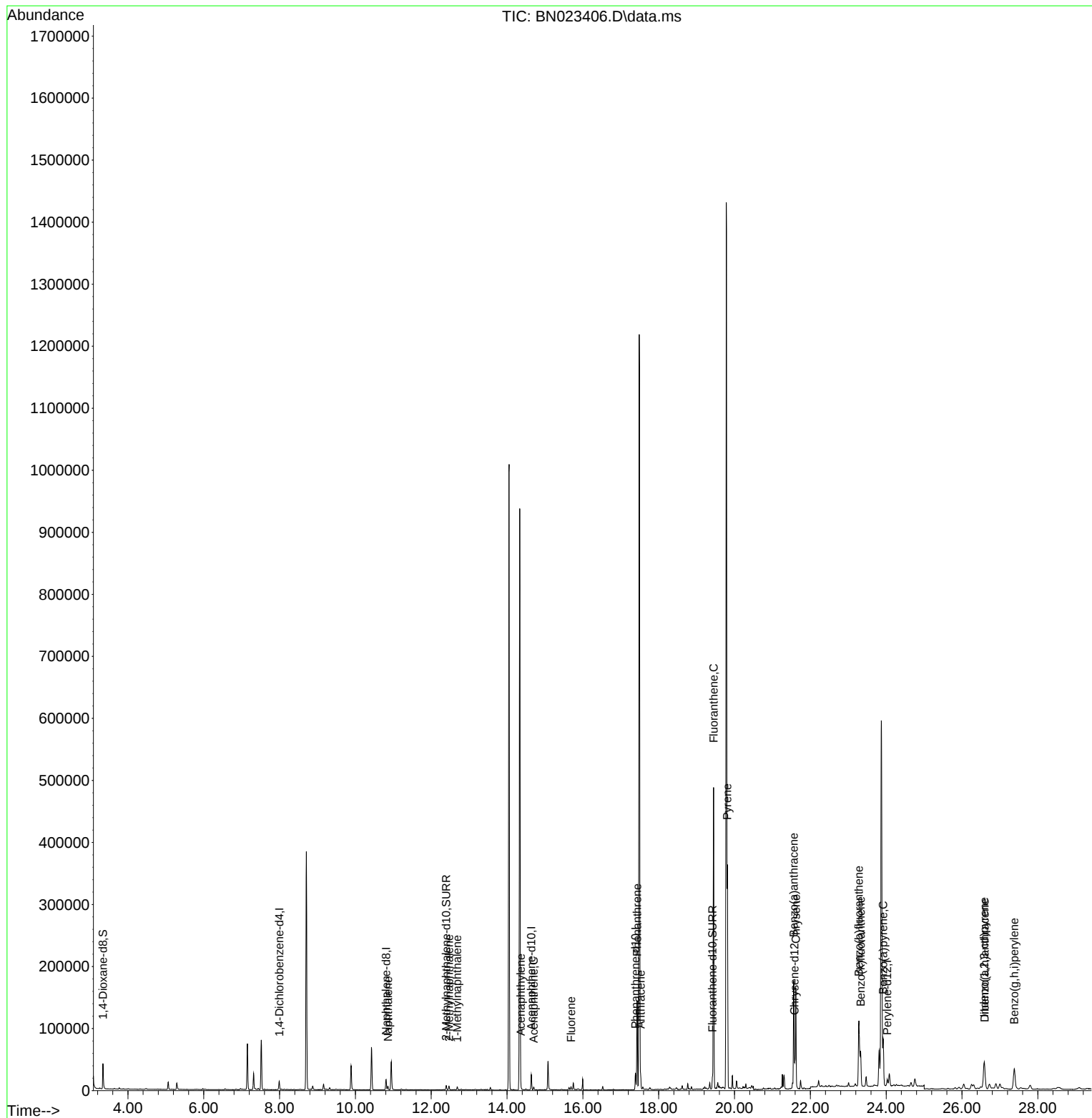
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023406.D
Acq On : 24 Dec 2022 12:27
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Sample : N6018-02
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ALS Vial : 33 Sample Multiplier: 1

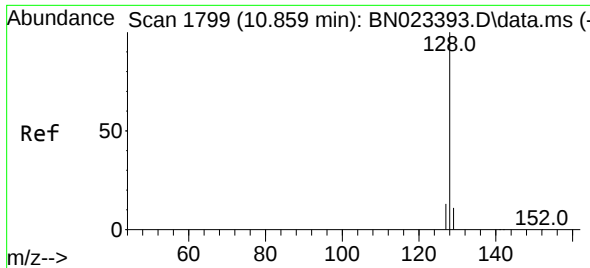
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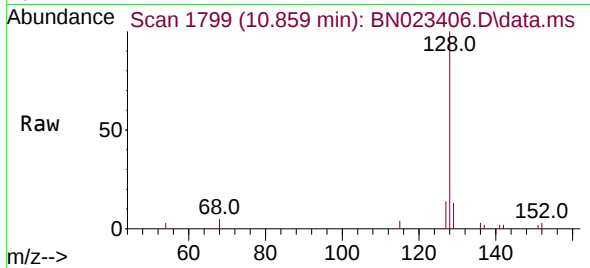
Quant Time: Dec 24 23:18:13 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.115 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN023406.D
Acq: 24 Dec 2022 12:27

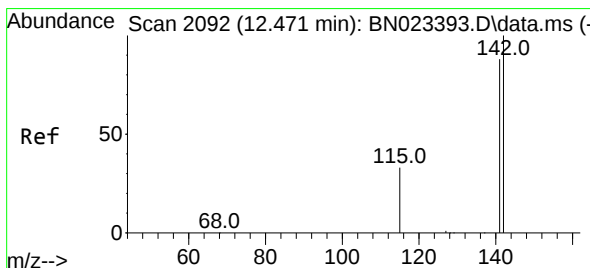
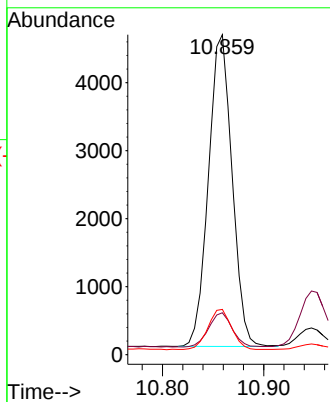
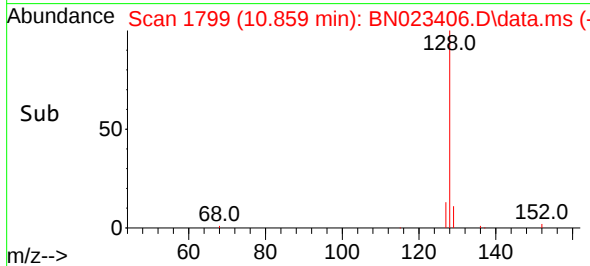
Instrument :
BNA_N
ClientSampleId :
DBYH3



Tgt Ion:128 Resp: 7435
Ion Ratio Lower Upper
128 100
129 13.1 9.0 13.4
127 14.1 10.7 16.1

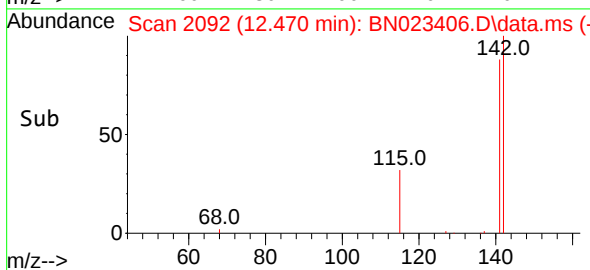
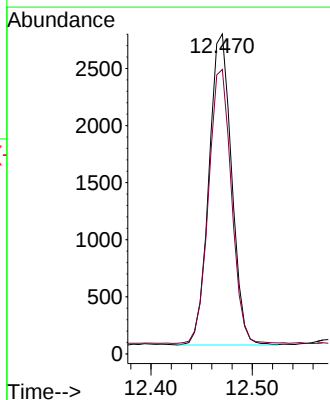
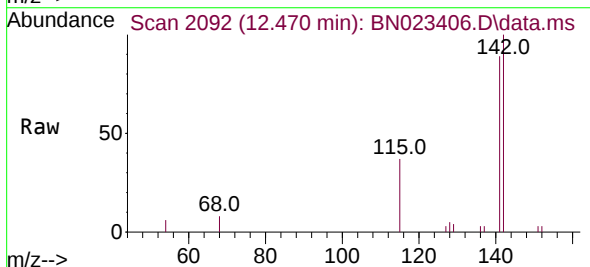
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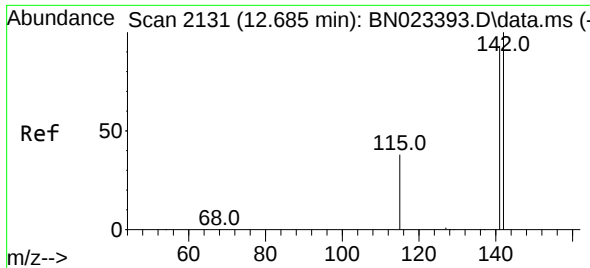
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.470 min Scan# 2092
Delta R.T. -0.005 min
Lab File: BN023406.D
Acq: 24 Dec 2022 12:27

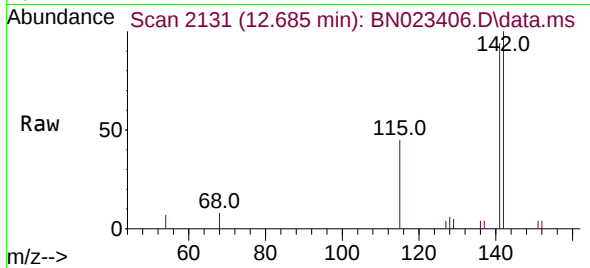
Tgt Ion:142 Resp: 4235
Ion Ratio Lower Upper
142 100
141 88.5 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.685 min Scan# 2131
Delta R.T. -0.011 min
Lab File: BN023406.D
Acq: 24 Dec 2022 12:27

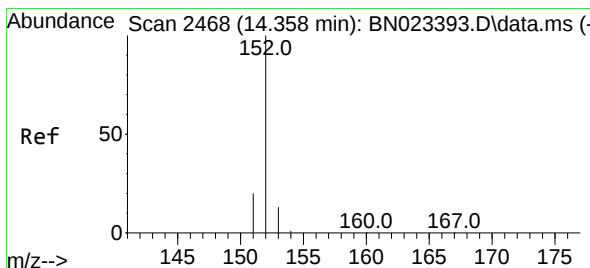
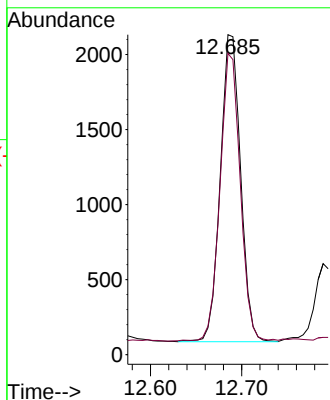
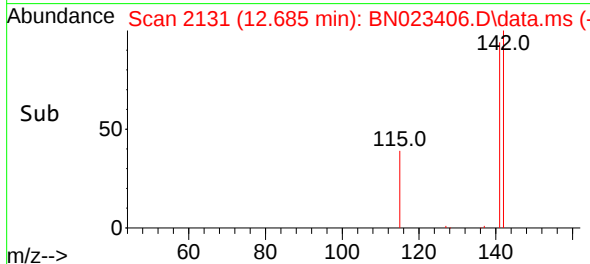
Instrument :
BNA_N
ClientSampleId :
DBYH3



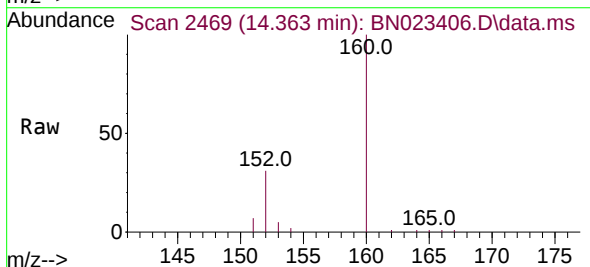
Tgt Ion:142 Resp: 3163
Ion Ratio Lower Upper
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141 93.4 74.0 111.0

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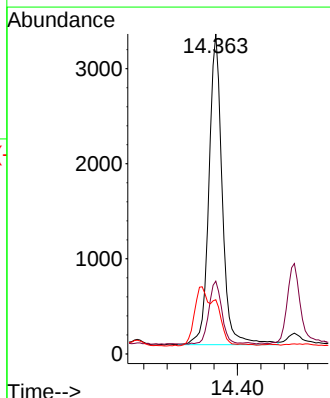
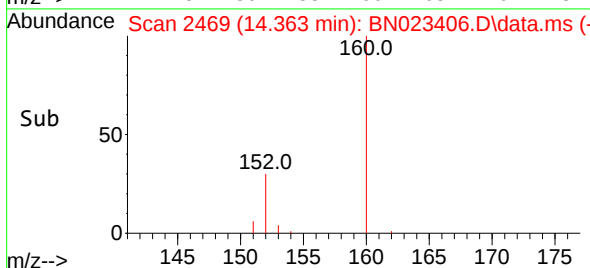
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

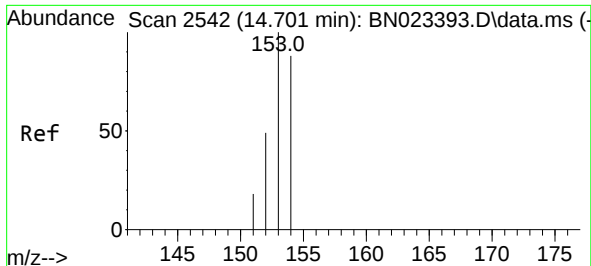


#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023406.D
Acq: 24 Dec 2022 12:27



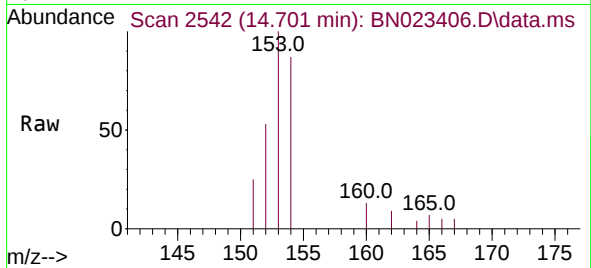
Tgt Ion:152 Resp: 5154
Ion Ratio Lower Upper
152 100
151 22.7 16.1 24.1
153 16.9 10.9 16.3#





#11
Acenaphthene
Concen: 0.053 ng/u1
RT: 14.701 min Scan# 2542
Delta R.T. -0.005 min
Lab File: BN023406.D
Acq: 24 Dec 2022 12:27

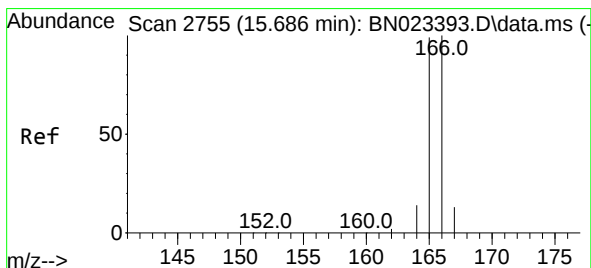
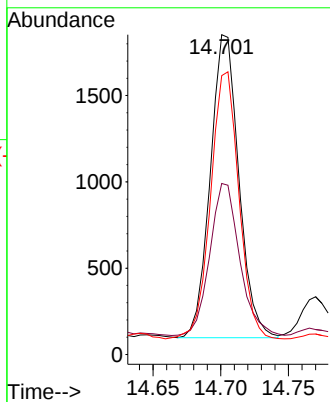
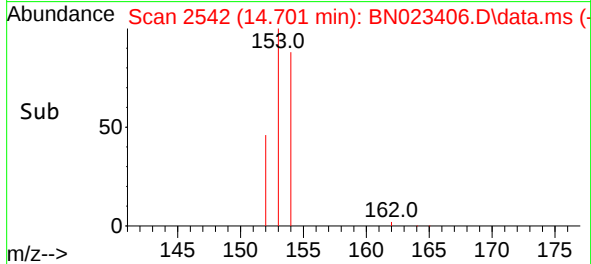
Instrument :
BNA_N
ClientSampleId :
DBYH3



Tgt Ion:153 Resp: 2578
Ion Ratio Lower Upper
153 100
152 53.5 41.0 61.4
154 87.2 69.5 104.3

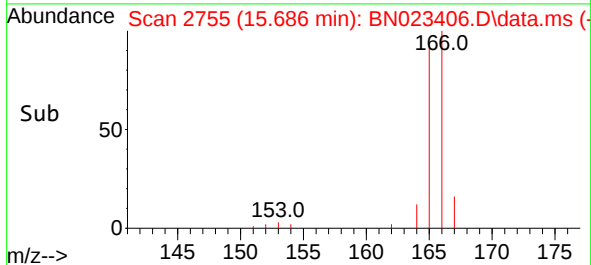
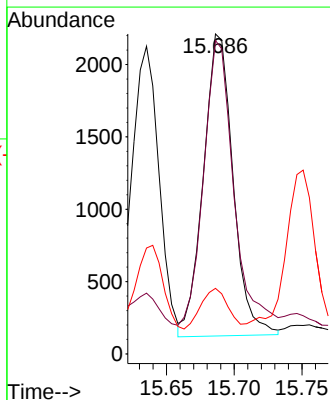
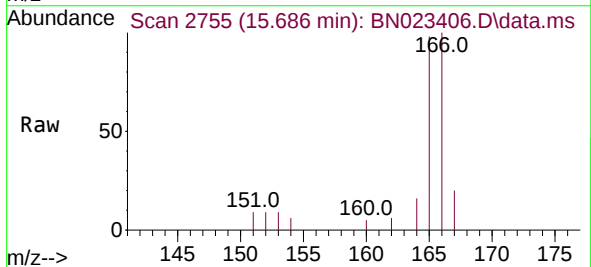
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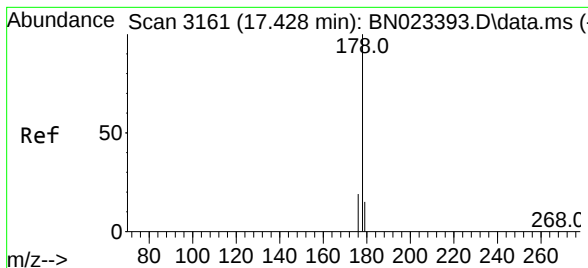
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#12
Fluorene
Concen: 0.058 ng/u1
RT: 15.686 min Scan# 2755
Delta R.T. -0.006 min
Lab File: BN023406.D
Acq: 24 Dec 2022 12:27

Tgt Ion:166 Resp: 3190
Ion Ratio Lower Upper
166 100
165 97.9 79.1 118.7
167 20.5 11.0 16.4





#15

Phenanthrene

Concen: 1.472 ng/ul

RT: 17.432 min Scan# 3162

Delta R.T. -0.001 min

Lab File: BN023406.D

Acq: 24 Dec 2022 12:27

Instrument :

BNA_N

ClientSampleId :

DBYH3

Tgt Ion:178 Resp: 144985

Ion Ratio Lower Upper

178 100

179 15.6 12.5 18.7

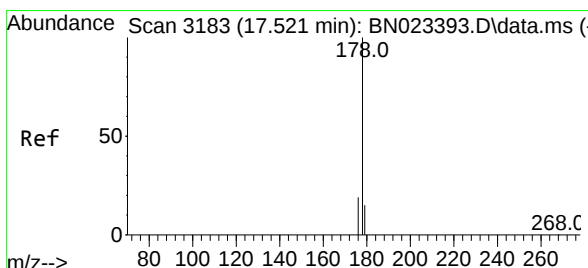
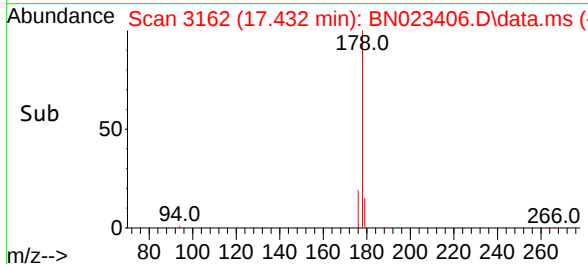
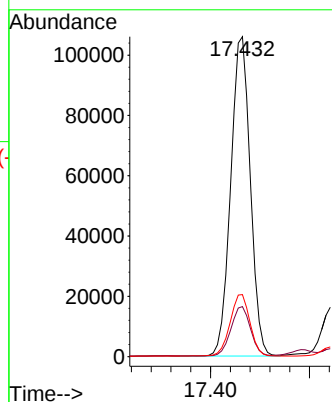
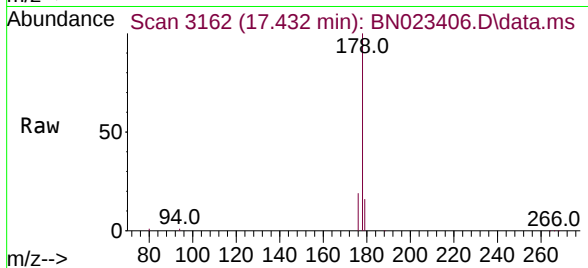
176 19.4 15.7 23.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/25/2022

Supervised By :Yogesh Patel 12/25/2022



#16

Anthracene

Concen: 0.268 ng/ul

RT: 17.521 min Scan# 3183

Delta R.T. -0.005 min

Lab File: BN023406.D

Acq: 24 Dec 2022 12:27

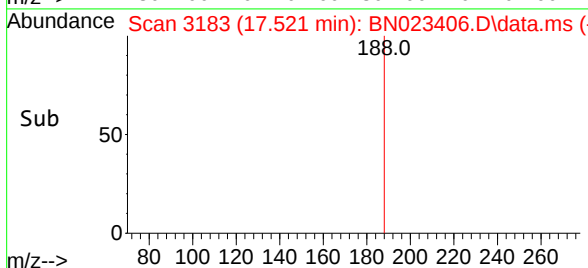
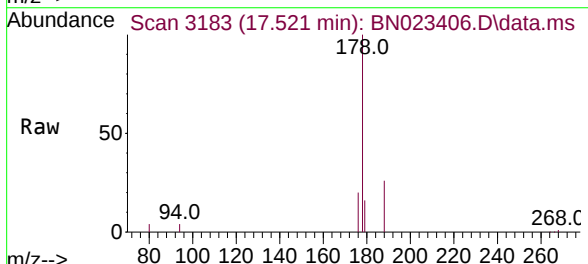
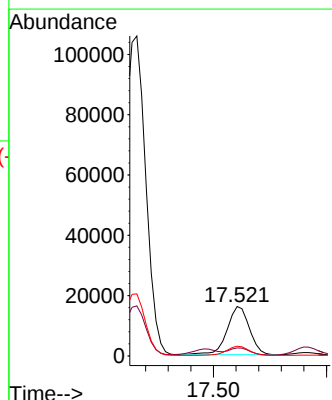
Tgt Ion:178 Resp: 21868

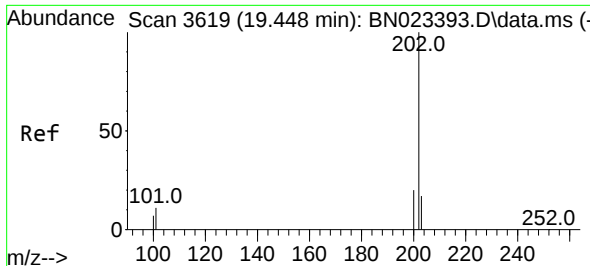
Ion Ratio Lower Upper

178 100

179 16.2 12.6 18.8

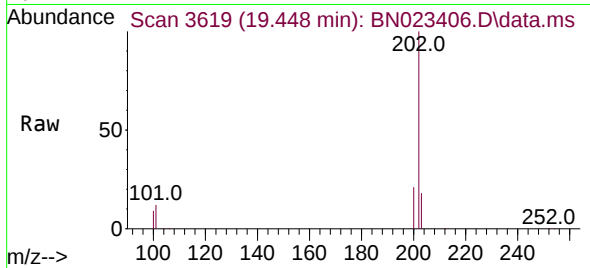
176 19.8 15.4 23.0





#19
Fluoranthene
Concen: 4.302 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023406.D
Acq: 24 Dec 2022 12:27

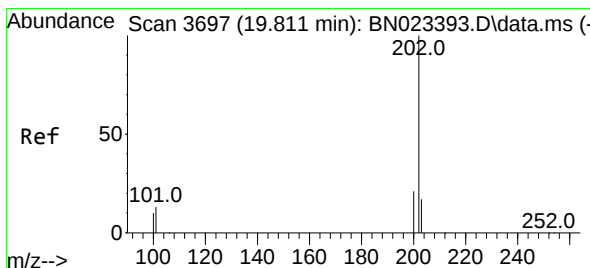
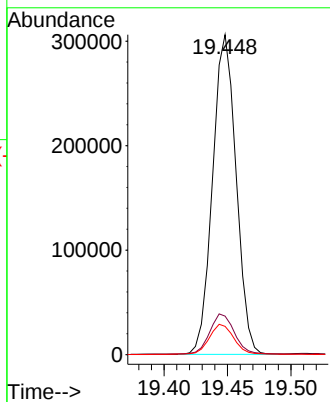
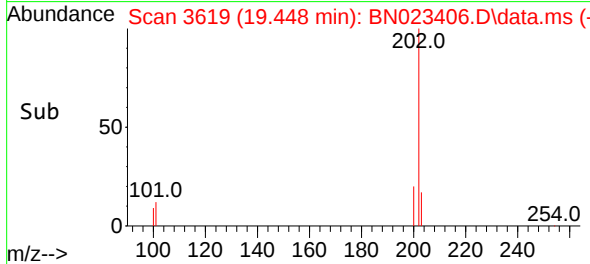
Instrument :
BNA_N
ClientSampleId :
DBYH3



Tgt Ion:202 Resp: 394910
Ion Ratio Lower Upper
202 100
101 12.1 9.4 14.2
100 8.8 7.0 10.6

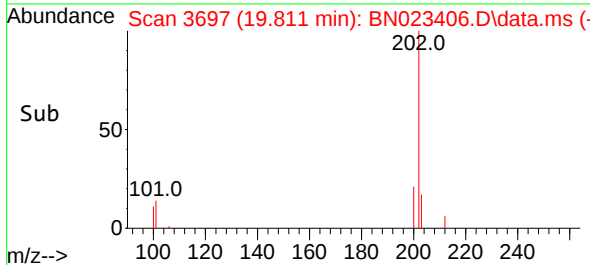
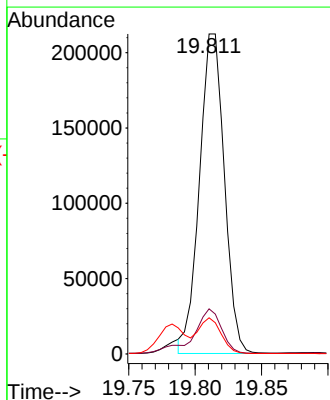
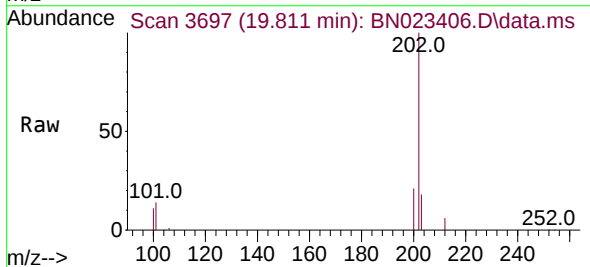
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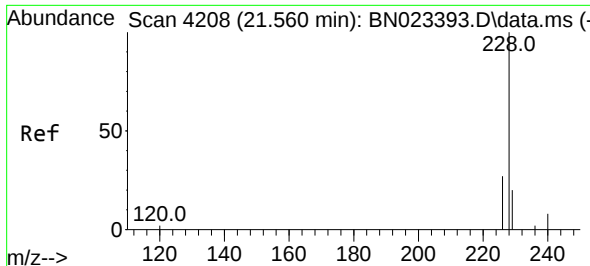
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#20
Pyrene
Concen: 2.996 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. -0.001 min
Lab File: BN023406.D
Acq: 24 Dec 2022 12:27

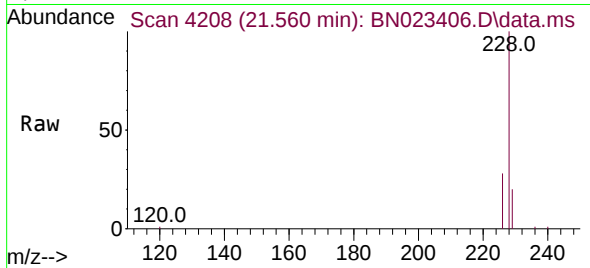
Tgt Ion:202 Resp: 277240
Ion Ratio Lower Upper
202 100
101 14.1 11.3 16.9
100 11.3 9.0 13.4





#21
Benzo(a)anthracene
Concen: 2.025 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023406.D
Acq: 24 Dec 2022 12:27

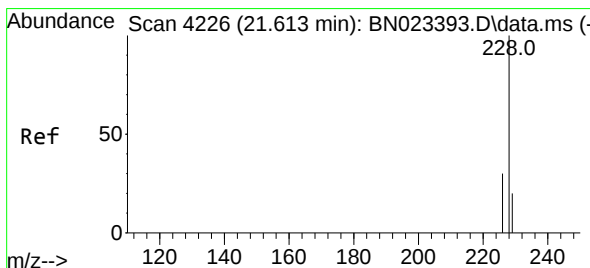
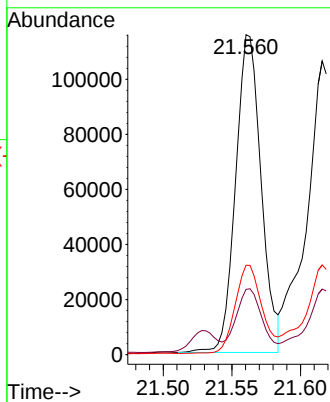
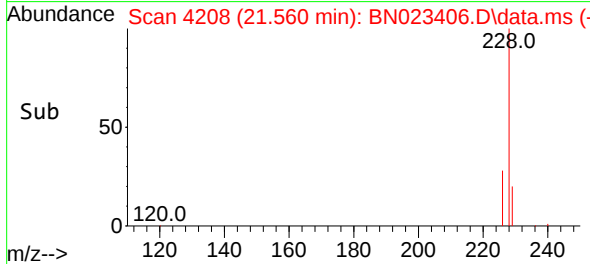
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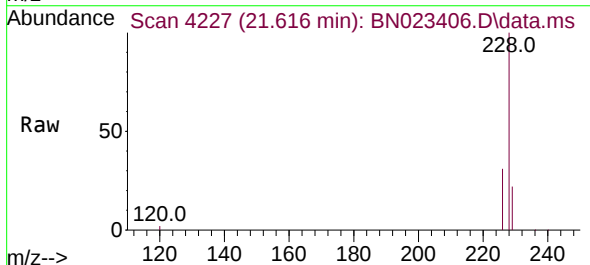
Tgt Ion:228 Resp: 149176
Ion Ratio Lower Upper
228 100
229 20.4 15.6 23.4
226 27.9 22.2 33.2

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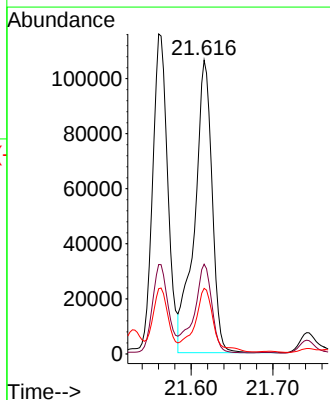
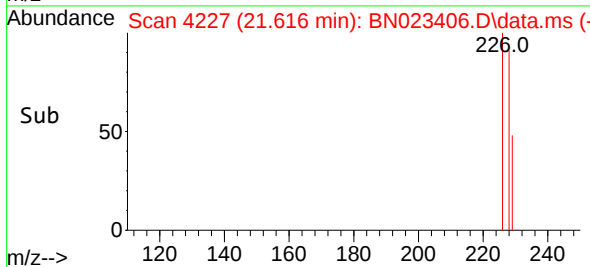
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

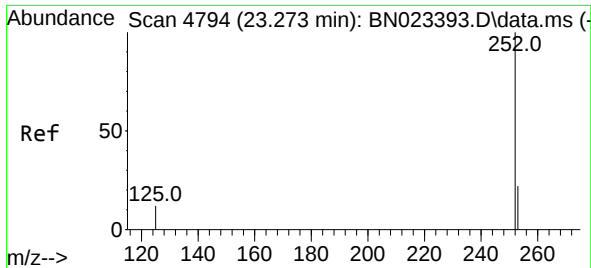


#22
Chrysene
Concen: 2.104 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023406.D
Acq: 24 Dec 2022 12:27



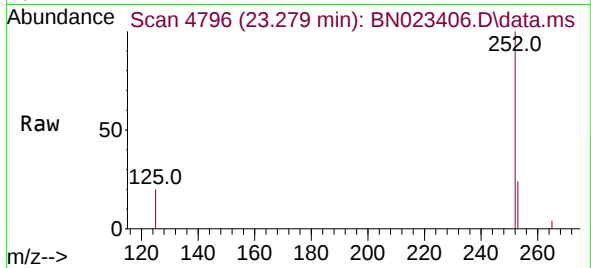
Tgt Ion:228 Resp: 157681
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 22.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.376 ng/ul m
RT: 23.279 min Scan# 4794
Delta R.T. 0.005 min
Lab File: BN023406.D
Acq: 24 Dec 2022 12:27

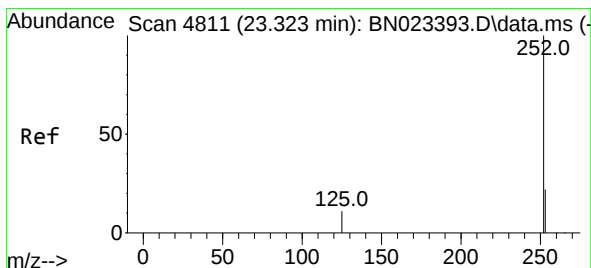
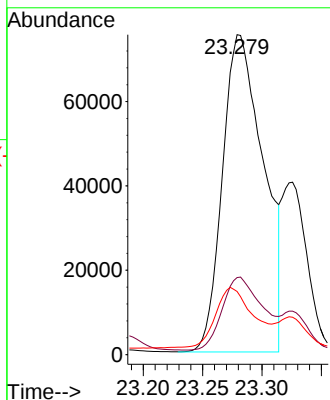
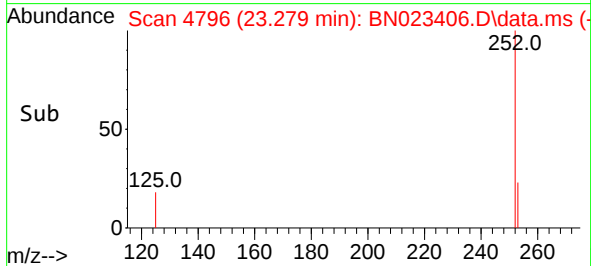
Instrument :
BNA_N
ClientSampleId :
DBYH3



Tgt Ion:252 Resp: 180763
Ion Ratio Lower Upper
252 100
253 24.1 0.0 49.2
125 19.7 0.0 31.8

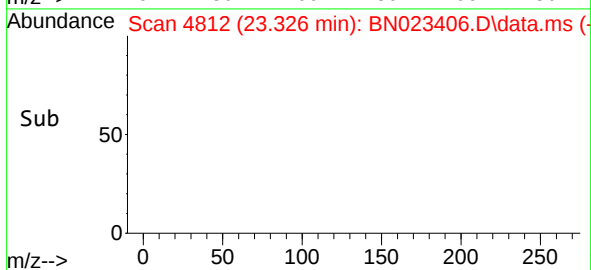
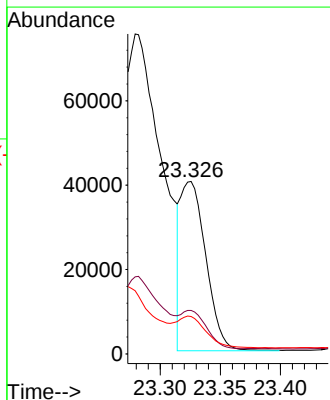
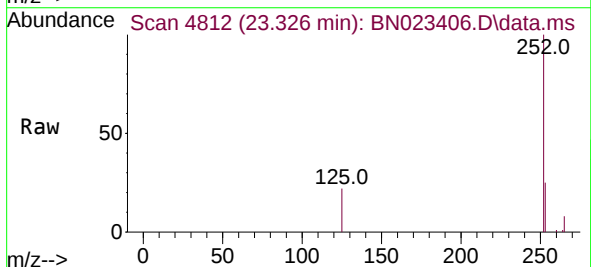
Manual Integrations
APPROVED

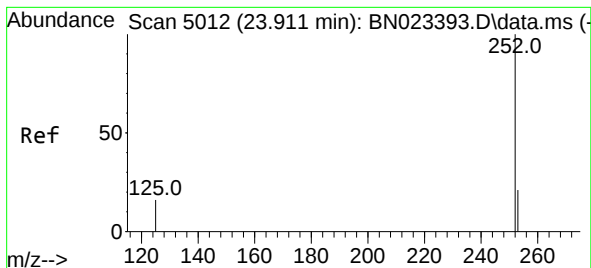
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#25
Benzo(k)fluoranthene
Concen: 0.824 ng/ul m
RT: 23.326 min Scan# 4812
Delta R.T. 0.002 min
Lab File: BN023406.D
Acq: 24 Dec 2022 12:27

Tgt Ion:252 Resp: 58850
Ion Ratio Lower Upper
252 100
253 25.2 19.8 29.6
125 21.7 12.6 18.8#





#26

Benzo(a)pyrene

Concen: 1.716 ng/ul

RT: 23.919 min Scan# 5012

Delta R.T. 0.005 min

Lab File: BN023406.D

Acq: 24 Dec 2022 12:27

Instrument :

BNA_N

ClientSampleId :

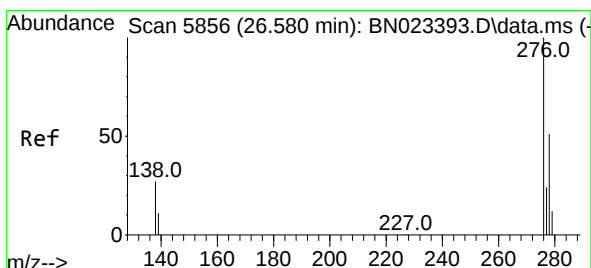
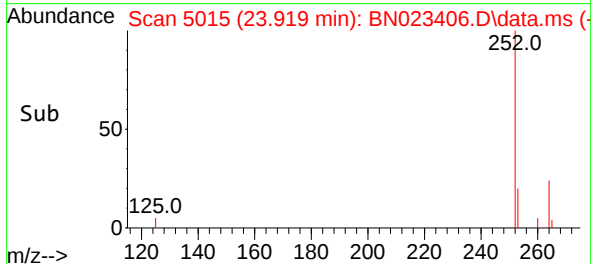
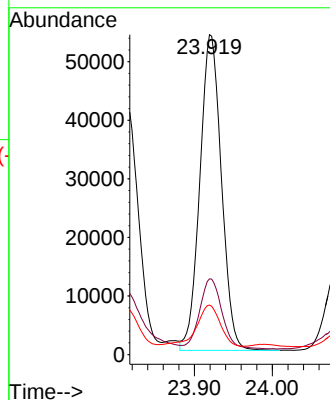
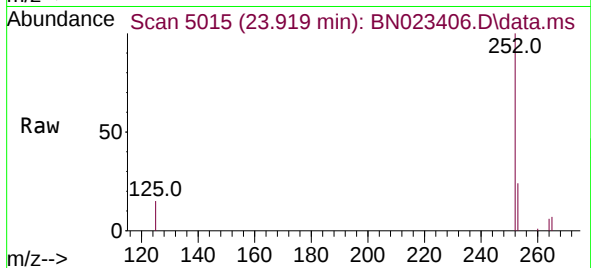
DBYH3

Tgt Ion:	252	Resp:	103352
Ion Ratio	Lower	Upper	
252	100		
253	23.7	21.4	32.2
125	15.5	16.2	24.4

Manual Integrations

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#27

Indeno(1,2,3-cd)pyrene

Concen: 1.060 ng/ul

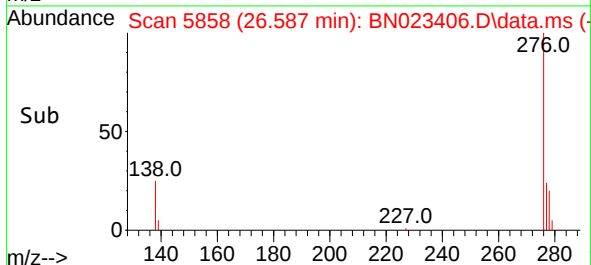
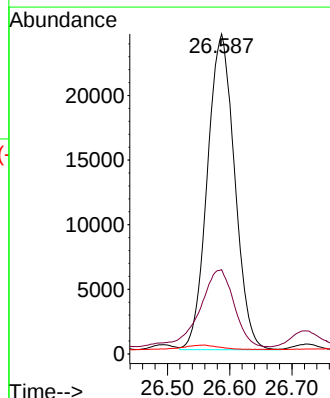
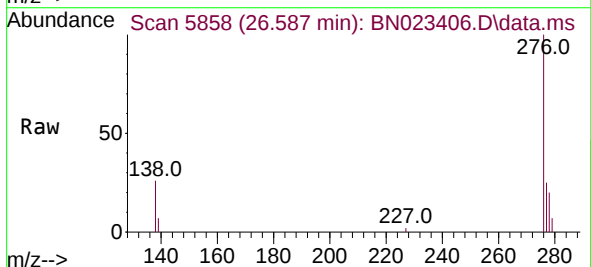
RT: 26.587 min Scan# 5858

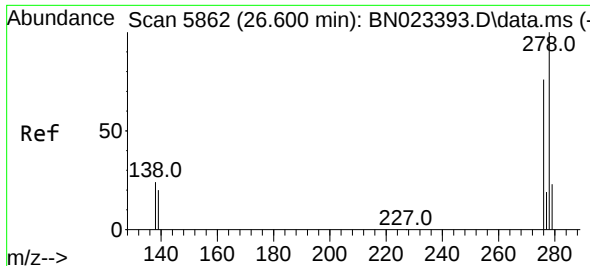
Delta R.T. 0.009 min

Lab File: BN023406.D

Acq: 24 Dec 2022 12:27

Tgt Ion:	276	Resp:	74501
Ion Ratio	Lower	Upper	
276	100		
138	30.6	23.4	35.2
227	0.0	0.0	0.0





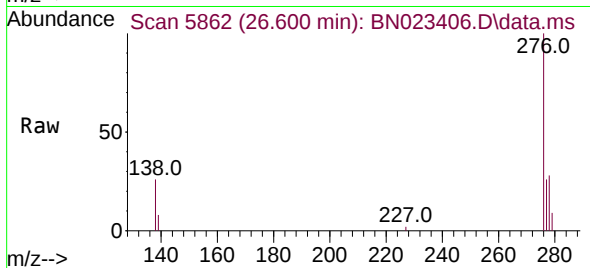
#28
Dibenzo(a,h)anthracene
Concen: 0.352 ng/ul
RT: 26.600 min Scan# 5862
Delta R.T. -0.001 min
Lab File: BN023406.D
Acq: 24 Dec 2022 12:27

Instrument :

BNA_N

ClientSampleId :

DBYH3

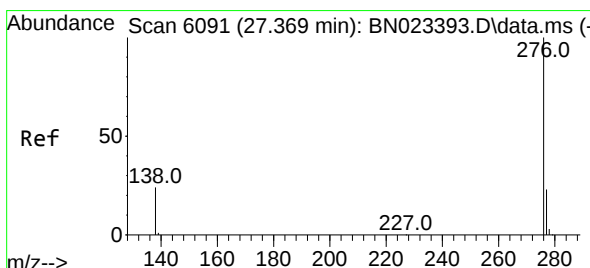
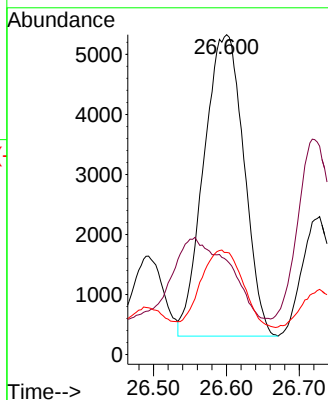
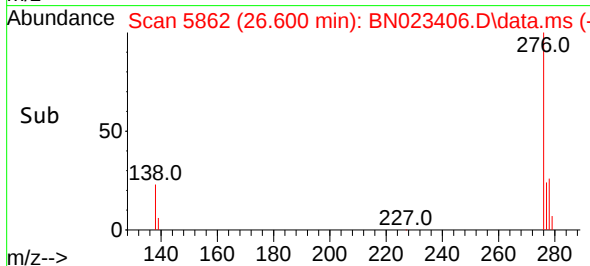


Tgt Ion:278 Resp: 19182
Ion Ratio Lower Upper
278 100
139 29.5 16.6 24.8
279 31.9 21.3 31.9

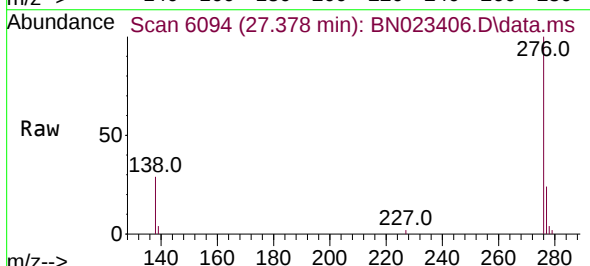
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.242 ng/ul
RT: 27.378 min Scan# 6094
Delta R.T. 0.009 min
Lab File: BN023406.D
Acq: 24 Dec 2022 12:27



Tgt Ion:276 Resp: 71154
Ion Ratio Lower Upper
276 100
138 28.6 20.3 30.5
277 24.4 19.7 29.5

