

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023414.D
 Acq On : 24 Dec 2022 17:15
 Operator : CG/JU
 Sample : N6015-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXW3

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 00:03:38 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	7.989	152	6233	0.400	ng/ul	0.00
4) Naphthalene-d8	10.808	136	20734	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	12117	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.389	188	28344	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	19709	0.400	ng/ul	0.00
23) Perylene-d12	24.027	264	15443	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	23467	3.465	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.392	152	7705	0.240	ng/ul	-0.01
18) Fluoranthene-d10	19.418	212	17496	0.245	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.858	128	2299	0.038	ng/ul#	89
7) 2-Methylnaphthalene	12.469	142	1246	0.032	ng/ul	99
8) 1-Methylnaphthalene	12.689	142	965	0.024	ng/ul	95
10) Acenaphthylene	14.362	152	1471	0.027	ng/ul#	77
11) Acenaphthene	14.704	153	931	0.021	ng/ul	95
15) Phenanthrene	17.427	178	21589	0.234	ng/ul	99
16) Anthracene	17.520	178	2958	0.039	ng/ul#	88
19) Fluoranthene	19.446	202	69580	0.728	ng/ul	98
20) Pyrene	19.809	202	53882m	0.559	ng/ul	
21) Benzo(a)anthracene	21.560	228	30373	0.396	ng/ul	97
22) Chrysene	21.613	228	37898	0.486	ng/ul	97
24) Benzo(b)fluoranthene	23.276	252	53879m	0.675	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	18219m	0.243	ng/ul	
26) Benzo(a)pyrene	23.916	252	31835	0.503	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.584	276	26334	0.357	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.594	278	6366	0.111	ng/ul#	64
29) Benzo(g,h,i)perylene	27.372	276	26792	0.445	ng/ul#	72

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

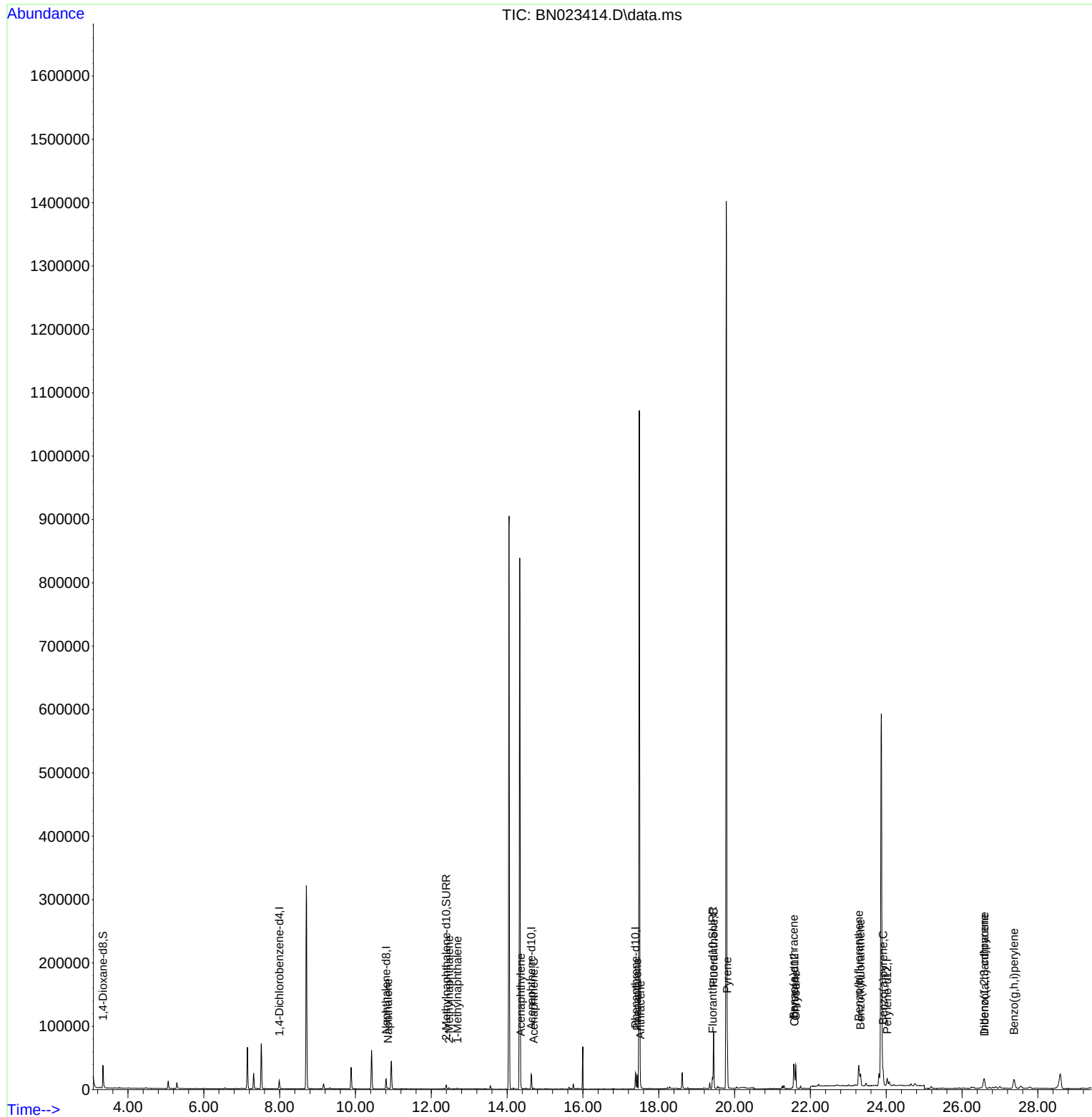
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023414.D
Acq On : 24 Dec 2022 17:15
Operator : CG/JU
Sample : N6015-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

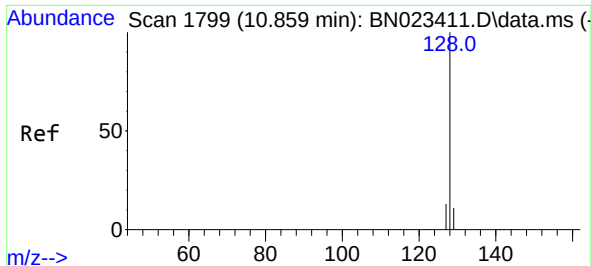
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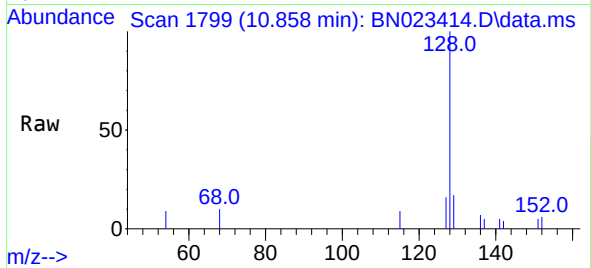
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.038 ng/ul
RT: 10.858 min Scan# 1799
Delta R.T. -0.007 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15

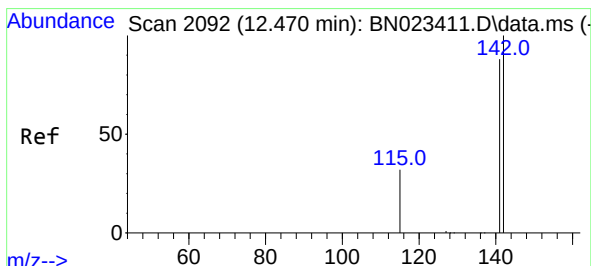
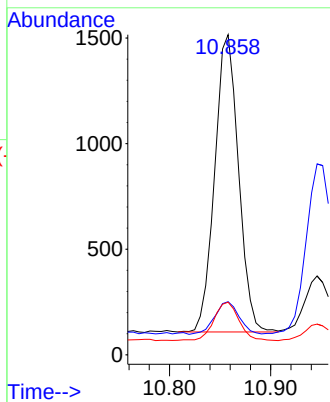
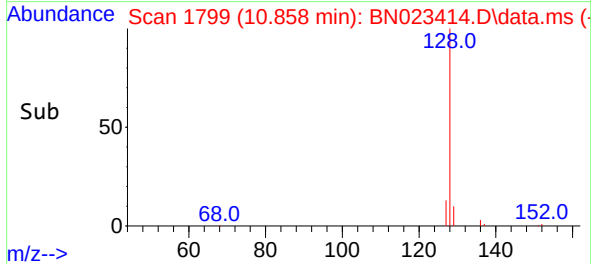
Instrument :
BNA_N
ClientSampleId :
DBXW3



Tgt Ion:128 Resp: 2299
Ion Ratio Lower Upper
128 100
129 16.6 9.0 13.4
127 16.4 10.7 16.1

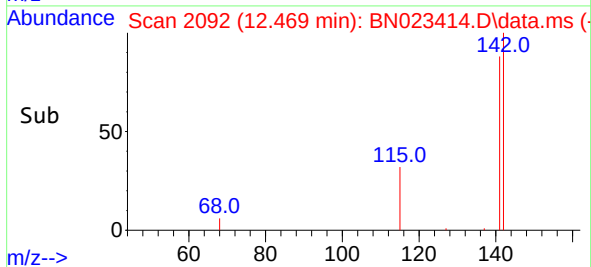
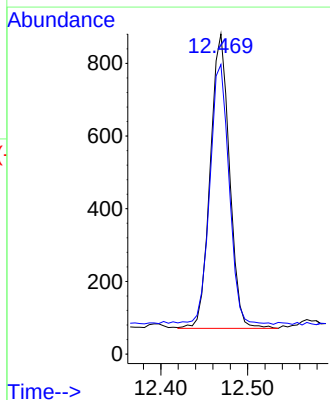
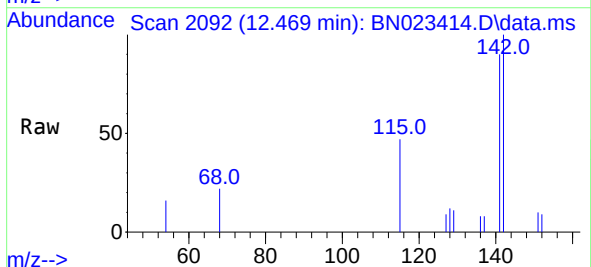
Manual Integrations
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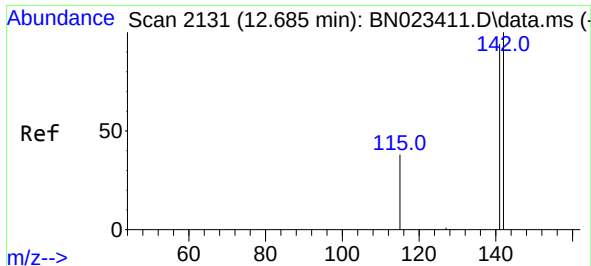
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.469 min Scan# 2092
Delta R.T. -0.007 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15

Tgt Ion:142 Resp: 1246
Ion Ratio Lower Upper
142 100
141 88.2 71.4 107.2





#8
1-Methylnaphthalene
Concen: 0.024 ng/u1
RT: 12.689 min Scan# 2131
Delta R.T. -0.007 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15

Instrument :

BNA_N

ClientSampleId :

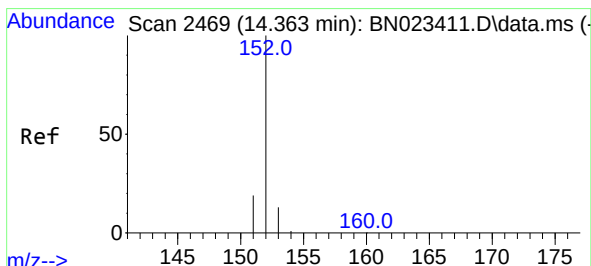
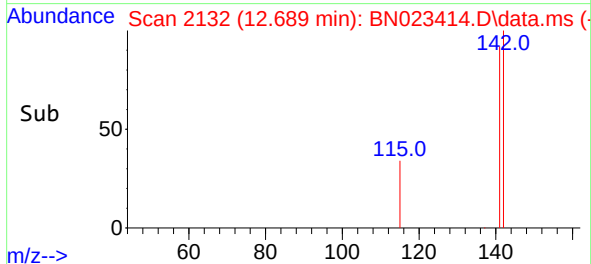
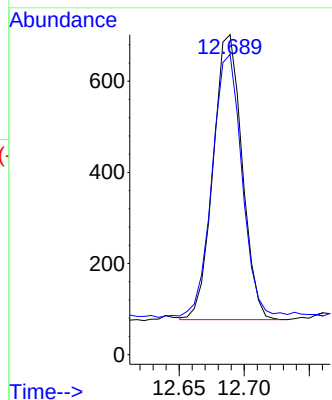
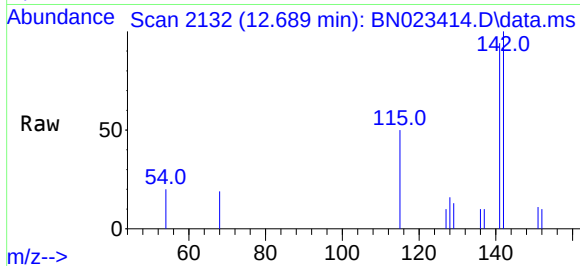
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Tgt Ion:142 Resp: 96.9
Ion Ratio Lower Upper
142 100
141 96.9 74.0 111.0

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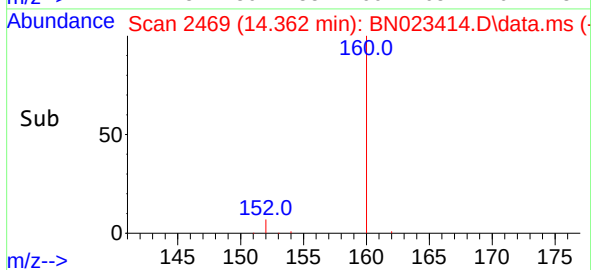
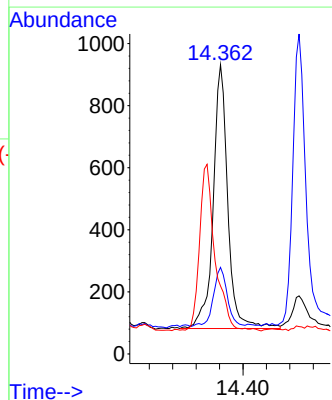
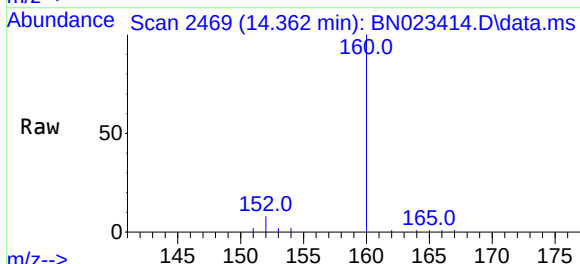
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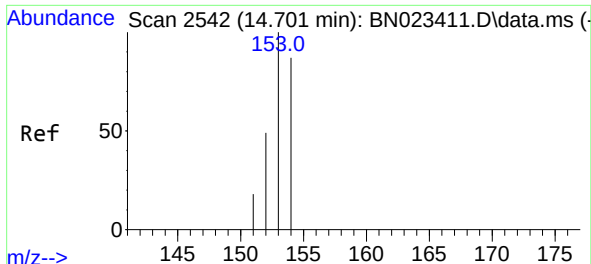
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#10
Acenaphthylene
Concen: 0.027 ng/u1
RT: 14.362 min Scan# 2469
Delta R.T. -0.007 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15

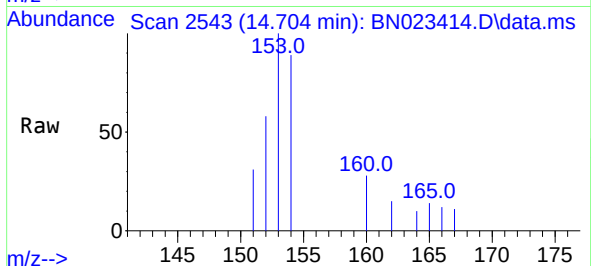
Tgt Ion:152 Resp: 1471
Ion Ratio Lower Upper
152 100
151 29.9 16.1 24.1#
153 23.5 10.9 16.3#





#11
Acenaphthene
Concen: 0.021 ng/u1
RT: 14.704 min Scan# 21
Delta R.T. -0.002 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15

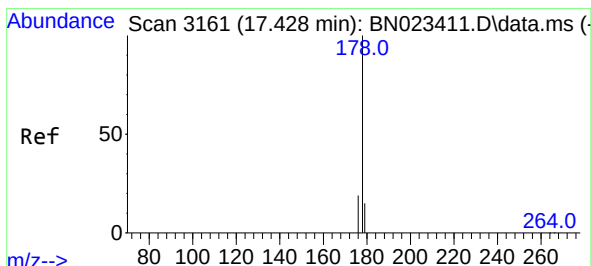
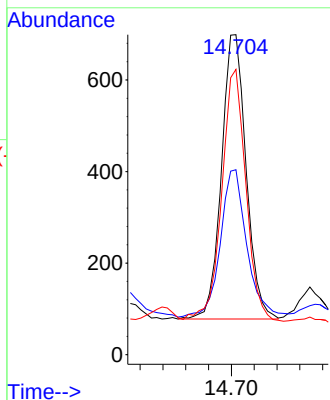
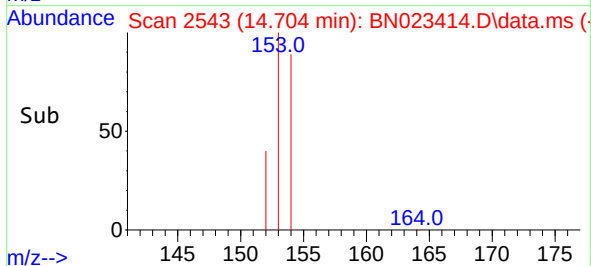
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 93
Ion Ratio Lower Upper
153 100
152 57.8 41.0 61.4
154 89.1 69.5 104.3

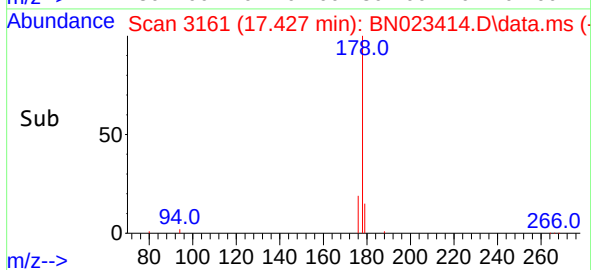
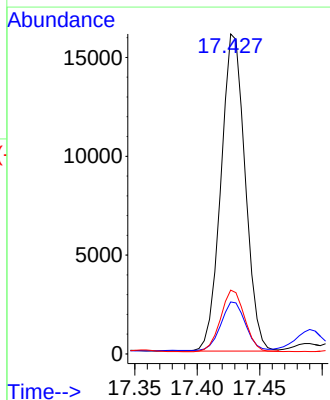
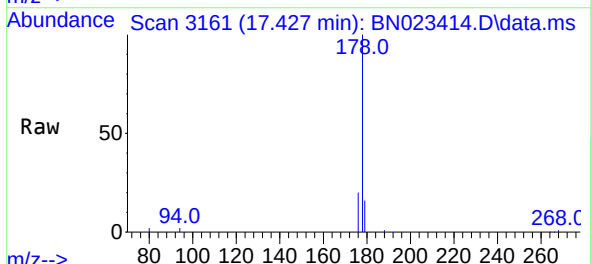
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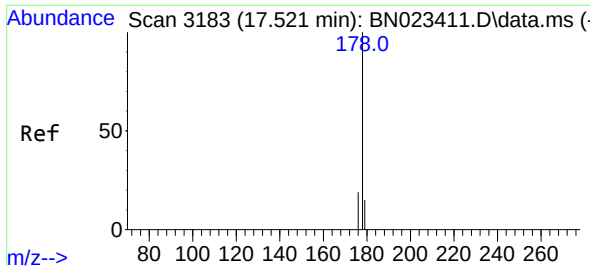
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#15
Phenanthrene
Concen: 0.234 ng/u1
RT: 17.427 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15

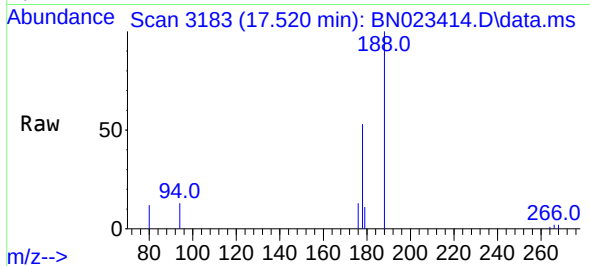
Tgt Ion:178 Resp: 21589
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 20.0 15.7 23.5





#16
 Anthracene
 Concen: 0.039 ng/u1
 RT: 17.520 min Scan# 3183
 Delta R.T. -0.006 min
 Lab File: BN023414.D
 Acq: 24 Dec 2022 17:15

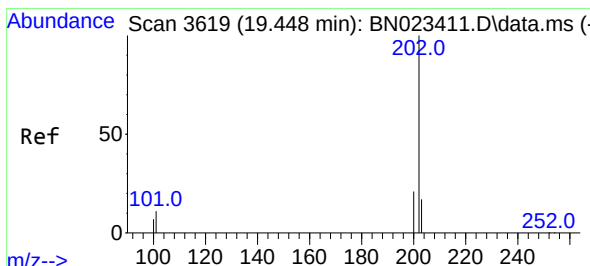
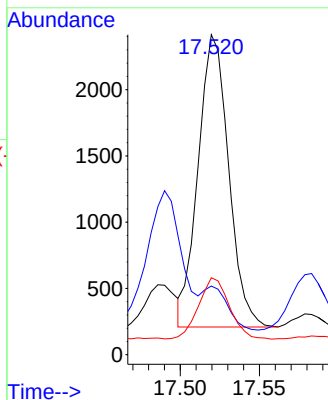
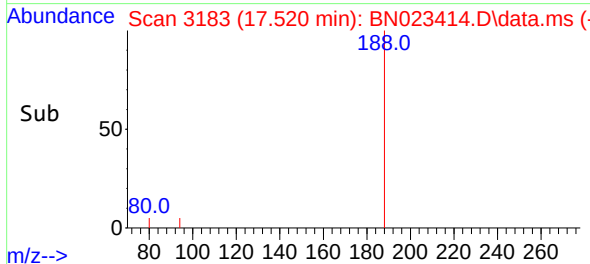
Instrument :
 BNA_N
 ClientSampleId :
 DBXW3



Tgt Ion:178 Resp: 2958
 Ion Ratio Lower Upper
 178 100
 179 21.5 12.6 18.8
 176 24.1 15.4 23.0

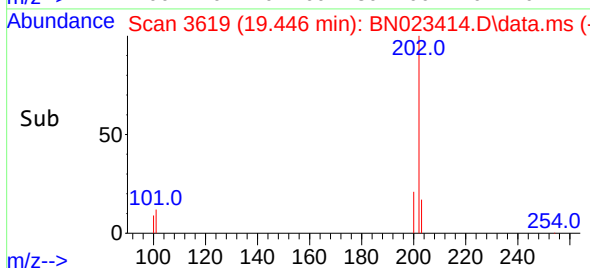
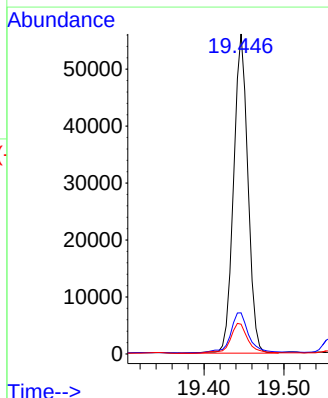
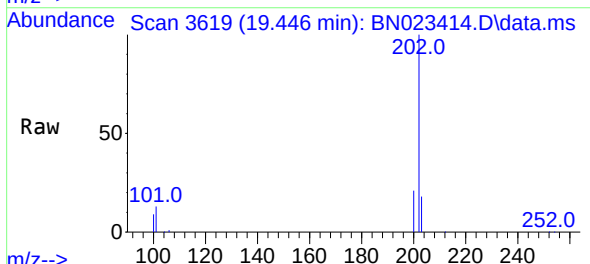
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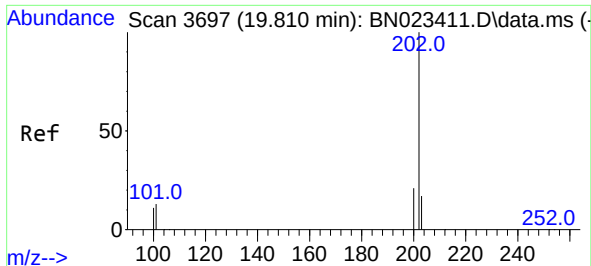
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022



#19
 Fluoranthene
 Concen: 0.728 ng/u1
 RT: 19.446 min Scan# 3619
 Delta R.T. -0.003 min
 Lab File: BN023414.D
 Acq: 24 Dec 2022 17:15

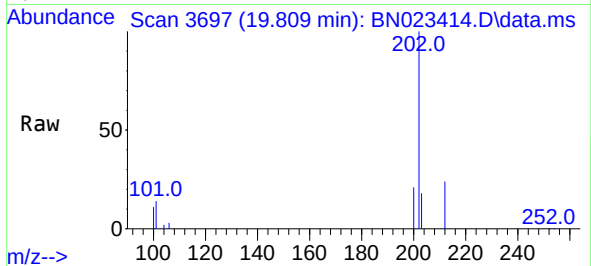
Tgt Ion:202 Resp: 69580
 Ion Ratio Lower Upper
 202 100
 101 12.9 9.4 14.2
 100 9.3 7.0 10.6





#20
Pyrene
Concen: 0.559 ng/ul m
RT: 19.809 min Scan# 3697
Delta R.T. -0.003 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15

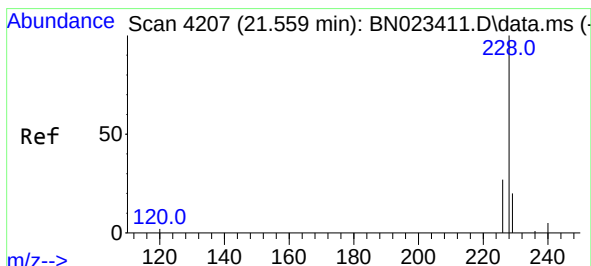
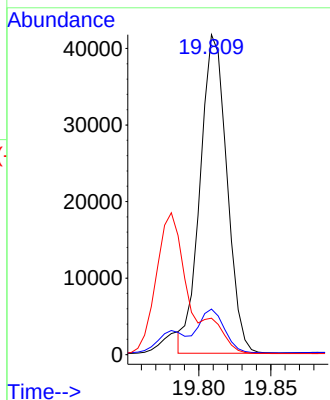
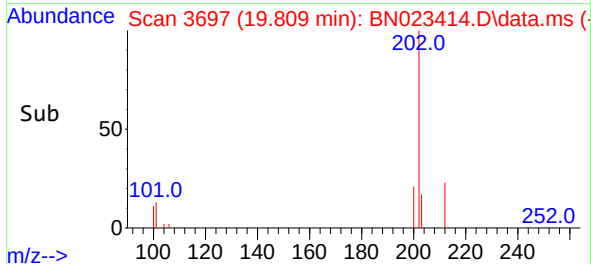
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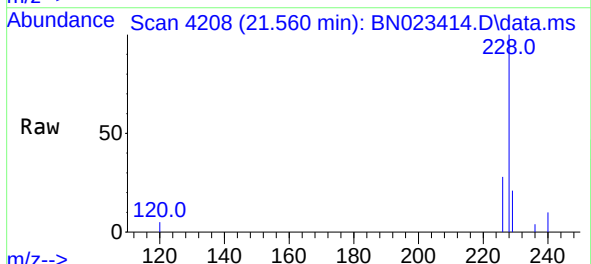
Tgt Ion:202 Resp: 5388
Ion Ratio Lower Upper
202 100
101 14.2 11.3 16.9
100 11.4 9.0 13.4

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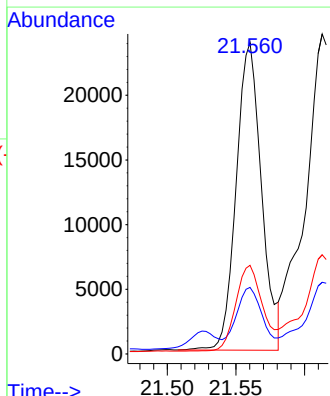
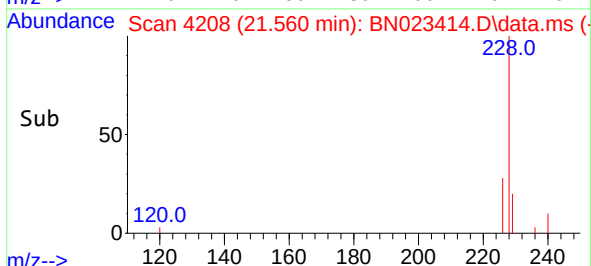
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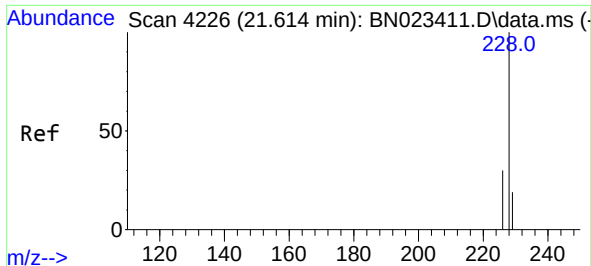


#21
Benzo(a)anthracene
Concen: 0.396 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15



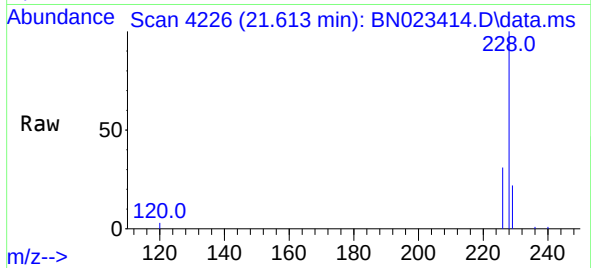
Tgt Ion:228 Resp: 30373
Ion Ratio Lower Upper
228 100
229 21.4 15.6 23.4
226 28.5 22.2 33.2





#22
Chrysene
Concen: 0.486 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. -0.004 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15

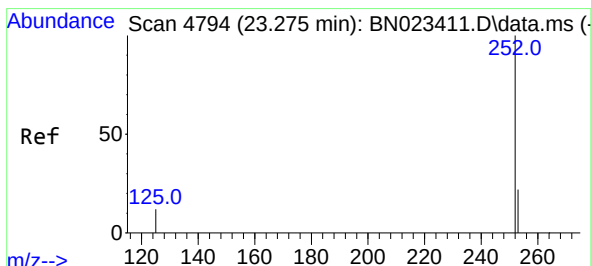
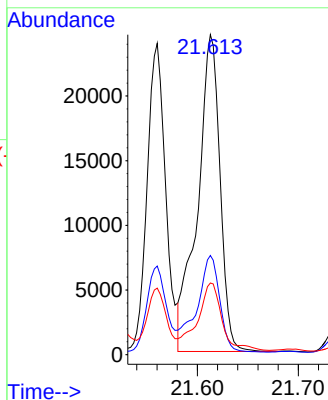
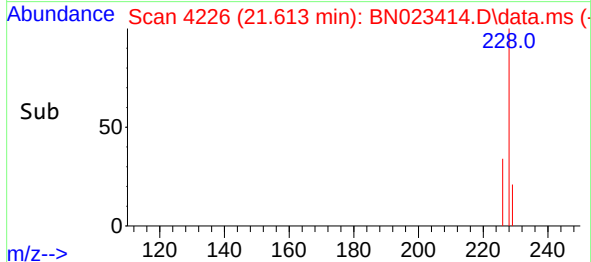
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DBXW3



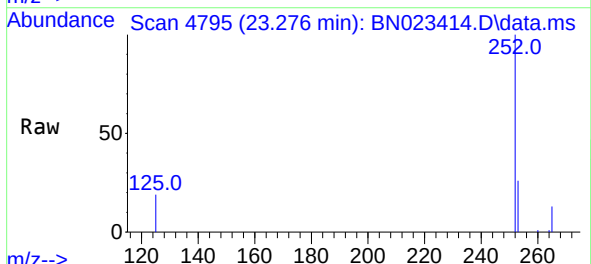
Tgt Ion:228 Resp: 37898
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 22.4 15.8 23.6

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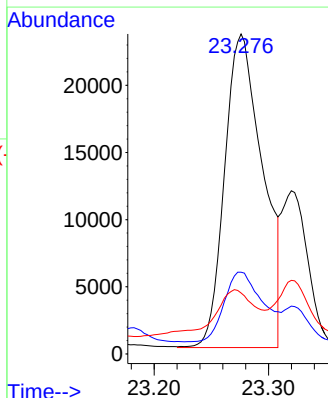
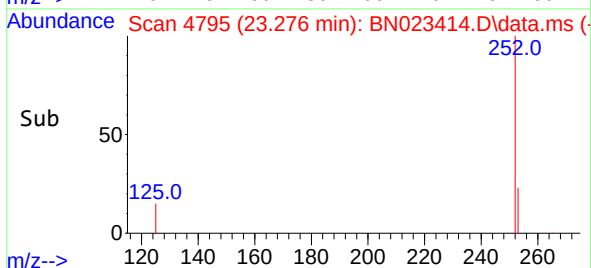
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

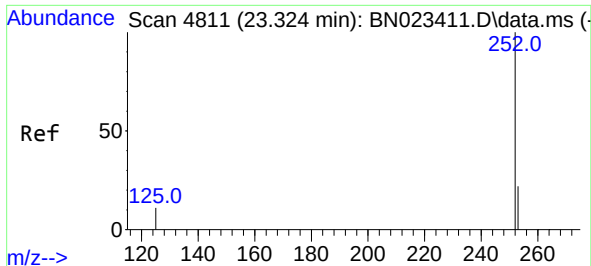


#24
Benzo(b)fluoranthene
Concen: 0.675 ng/ul m
RT: 23.276 min Scan# 4795
Delta R.T. 0.002 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15



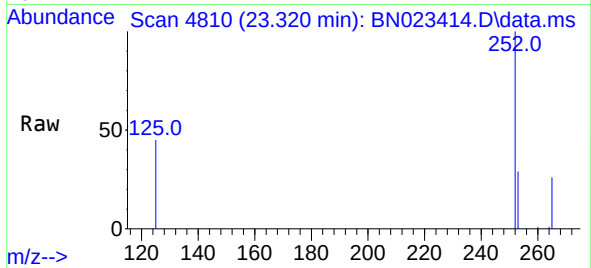
Tgt Ion:252 Resp: 53879
Ion Ratio Lower Upper
252 100
253 25.6 0.0 49.2
125 19.1 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.243 ng/ul m
RT: 23.320 min Scan# 4811
Delta R.T. -0.004 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15

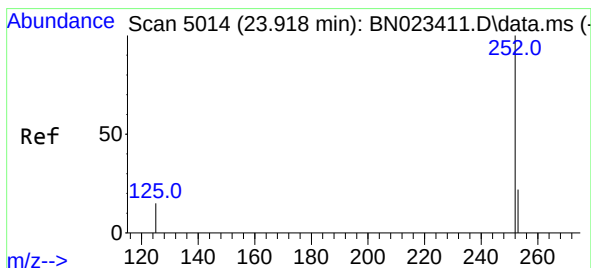
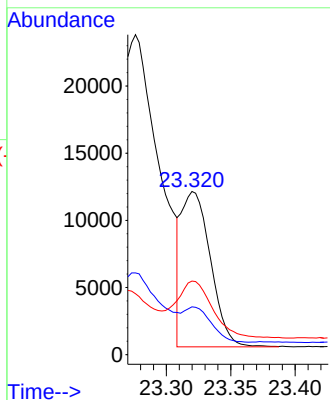
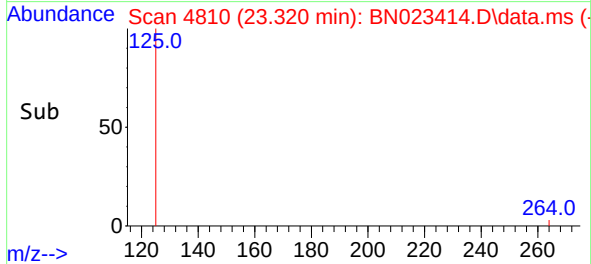
Instrument :
BNA_N
ClientSampleId :
DBXW3



Tgt Ion:252 Resp: 18219
Ion Ratio Lower Upper
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253 29.3 19.8 29.6
125 45.1 12.6 18.8

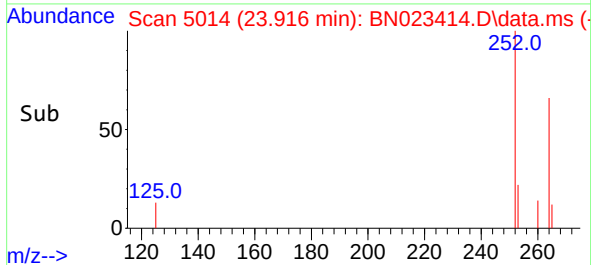
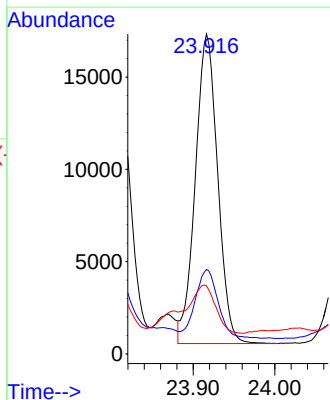
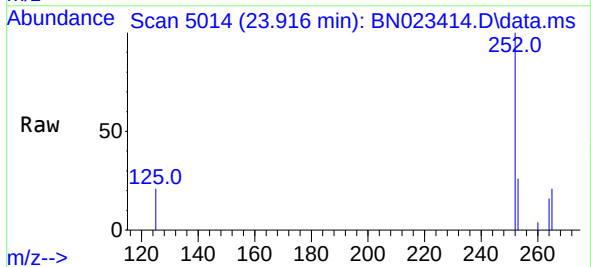
Manual Integrations
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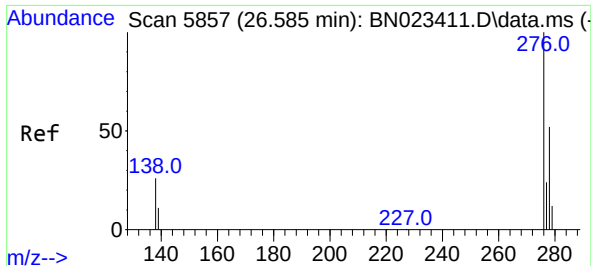
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#26
Benzo(a)pyrene
Concen: 0.503 ng/ul
RT: 23.916 min Scan# 5014
Delta R.T. 0.002 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15

Tgt Ion:252 Resp: 31835
Ion Ratio Lower Upper
252 100
253 26.5 21.4 32.2
125 21.3 16.2 24.4





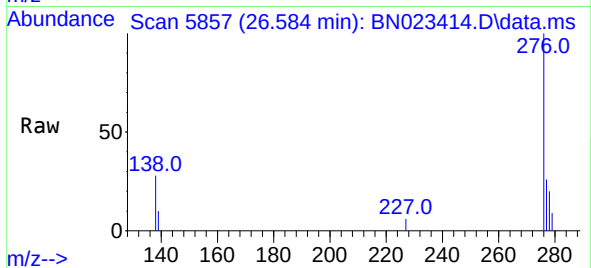
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 26.584 min Scan# 5857
Delta R.T. 0.006 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15

Instrument :

BNA_N

ClientSampleId :

DBXW3

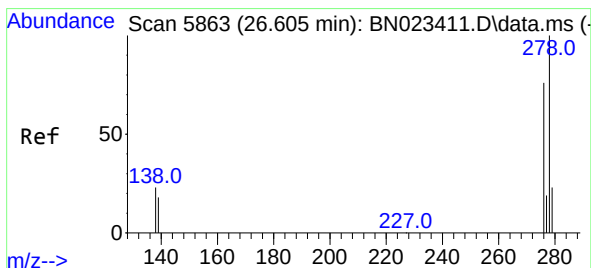
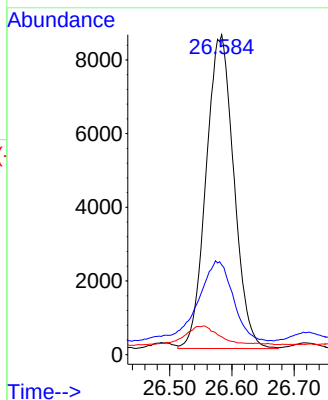
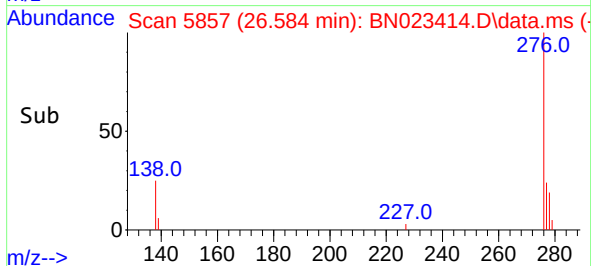


Tgt Ion:276 Resp: 26334
Ion Ratio Lower Upper
276 100
138 31.3 23.4 35.2
227 0.0 0.0 0.0

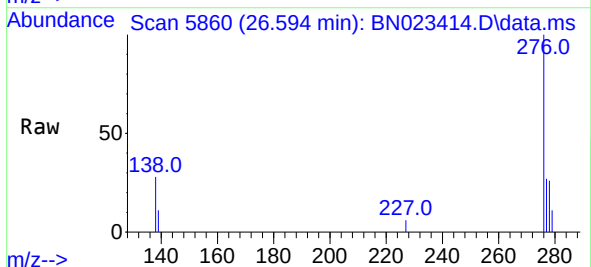
Manual Integrations

APPROVED

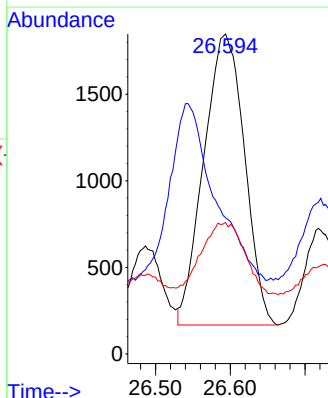
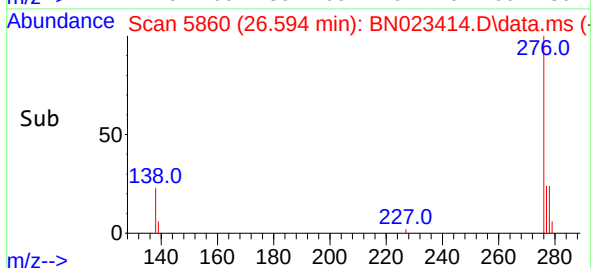
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

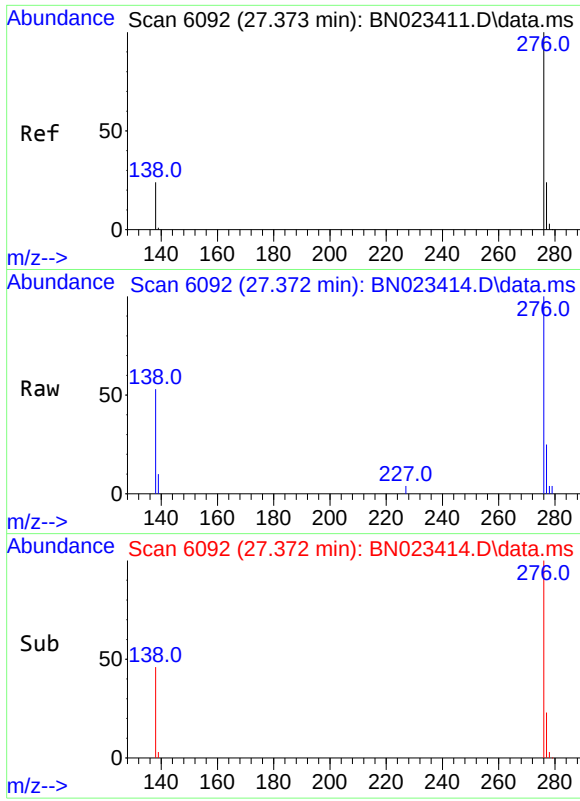


#28
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 26.594 min Scan# 5860
Delta R.T. -0.008 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15



Tgt Ion:278 Resp: 6366
Ion Ratio Lower Upper
278 100
139 42.6 16.6 24.8#
279 41.1 21.3 31.9#





#29
Benzo(g,h,i)perylene
Concen: 0.445 ng/ul
RT: 27.372 min Scan# 6092
Delta R.T. 0.002 min
Lab File: BN023414.D
Acq: 24 Dec 2022 17:15

Instrument :
BNA_N
ClientSampleId :
DBXW3

Tgt Ion:276	Resp:	26792
Ion Ratio	Lower	Upper
276	100	
138	52.9	20.3 30.5
277	25.4	19.7 29.5

Manual Integrations
APPROVED

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

