

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023418.D
 Acq On : 24 Dec 2022 19:39
 Operator : CG/JU
 Sample : N6018-08
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYH8

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 04:19:49 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	5912	0.400	ng/ul	0.00
4) Naphthalene-d8	10.808	136	19748	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	11493	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.389	188	26819	0.400	ng/ul	0.00
17) Chrysene-d12	21.575	240	18523	0.400	ng/ul	0.00
23) Perylene-d12	24.022	264	14549	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	19061	2.967	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.392	152	6301	0.206	ng/ul	-0.01
18) Fluoranthene-d10	19.414	212	14462	0.216	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.362	152	1066	0.021	ng/ul#	74
15) Phenanthrene	17.427	178	10251	0.117	ng/ul	97
16) Anthracene	17.520	178	1735	0.024	ng/ul#	82
19) Fluoranthene	19.446	202	32285	0.359	ng/ul	96
20) Pyrene	19.809	202	25246m	0.279	ng/ul	
21) Benzo(a)anthracene	21.557	228	14536	0.202	ng/ul	96
22) Chrysene	21.613	228	17299	0.236	ng/ul#	95
24) Benzo(b)fluoranthene	23.273	252	24075m	0.320	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	7636m	0.108	ng/ul	
26) Benzo(a)pyrene	23.913	252	14088	0.236	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.577	276	10833	0.156	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.587	278	2740	0.051	ng/ul#	30
29) Benzo(g,h,i)perylene	27.368	276	10854	0.191	ng/ul#	88

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

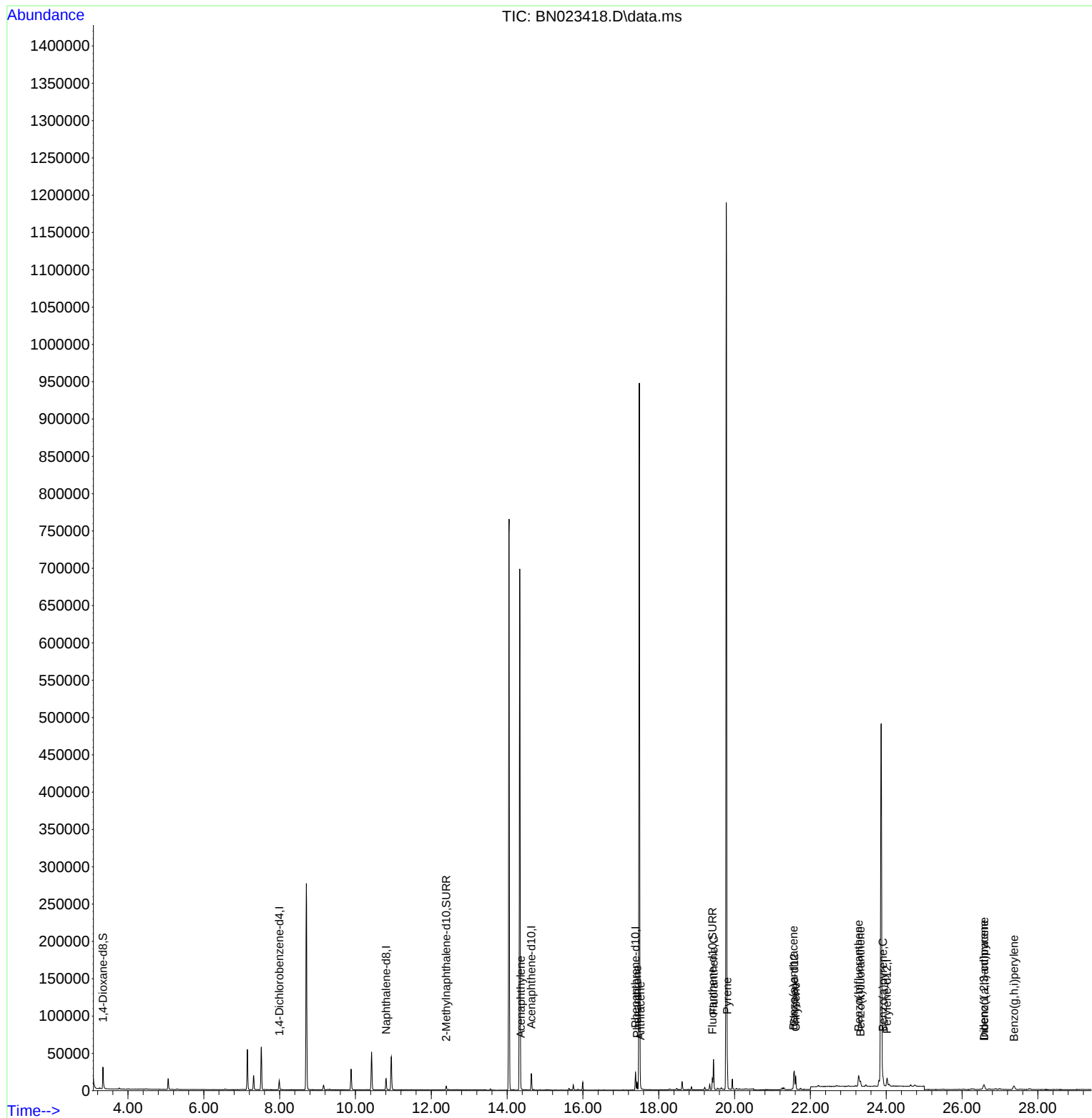
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023418.D
Acq On : 24 Dec 2022 19:39
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ALS Vial : 45 Sample Multiplier: 1

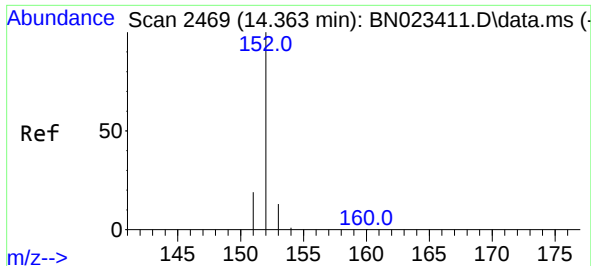
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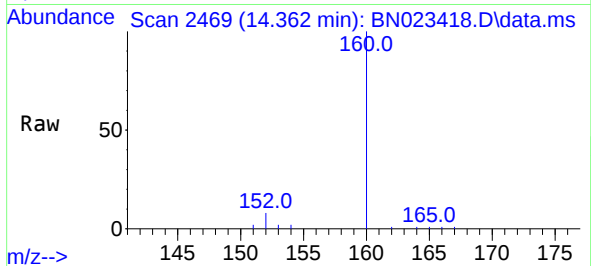
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.362 min Scan# 2469
Delta R.T. -0.007 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39

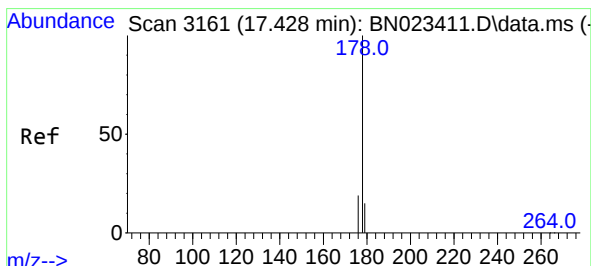
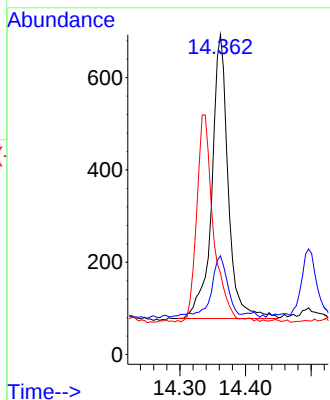
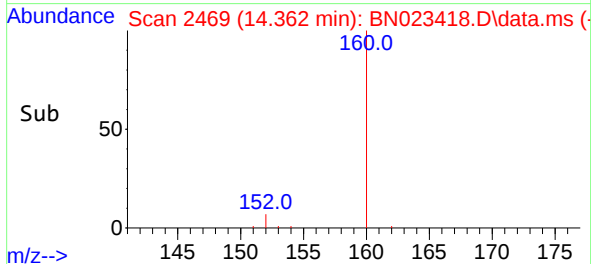
Instrument :
BNA_N
ClientSampleId :
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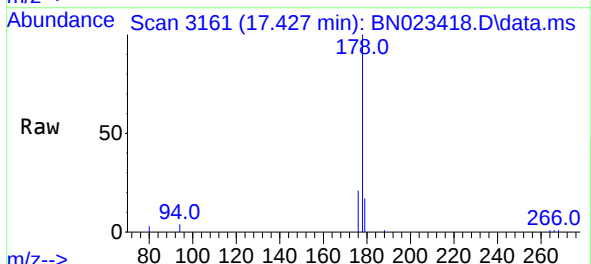
Tgt Ion:152 Resp: 1060
Ion Ratio Lower Upper
152 100
151 30.9 16.1 24.1
153 25.5 10.9 16.3

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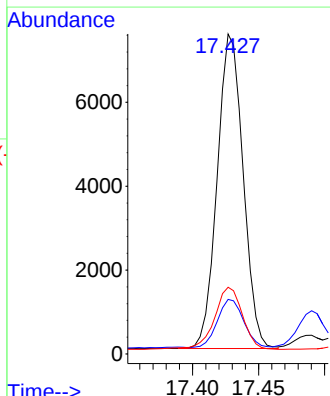
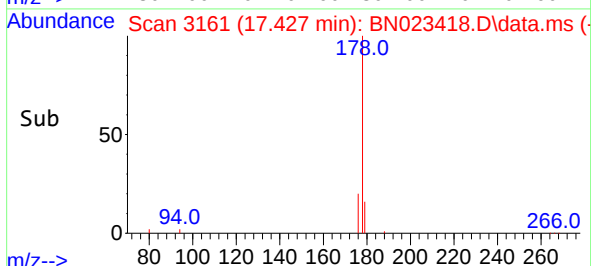
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

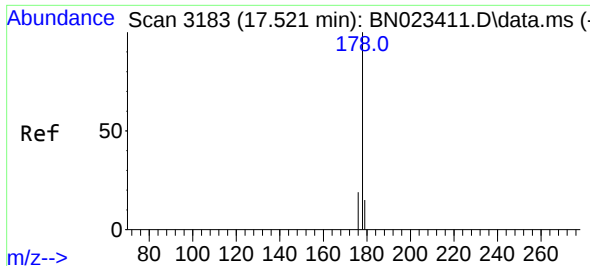


#15
Phenanthrene
Concen: 0.117 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.006 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39



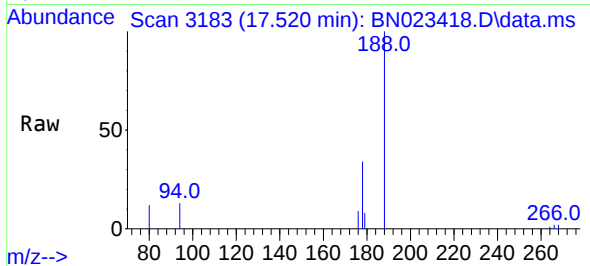
Tgt Ion:178 Resp: 10251
Ion Ratio Lower Upper
178 100
179 17.1 12.5 18.7
176 20.8 15.7 23.5





#16
 Anthracene
 Concen: 0.024 ng/ul
 RT: 17.520 min Scan# 3183
 Delta R.T. -0.006 min
 Lab File: BN023418.D
 Acq: 24 Dec 2022 19:39

Instrument :
 BNA_N
 ClientSampleId :
 DBYH8

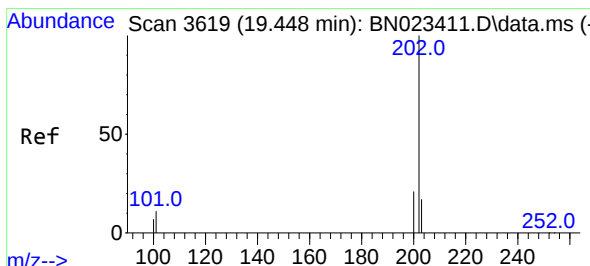
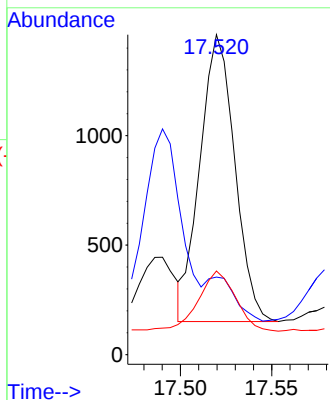
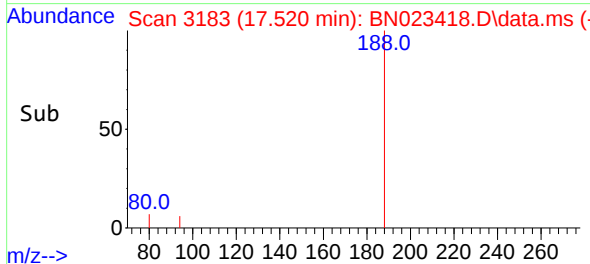


Tgt Ion:178 Resp: 1735

Ion	Ratio	Lower	Upper
178	100		
179	24.2	12.6	18.8
176	26.1	15.4	23.0

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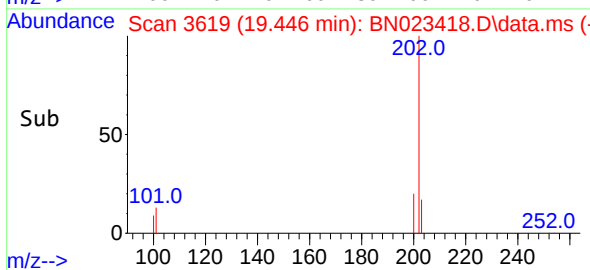
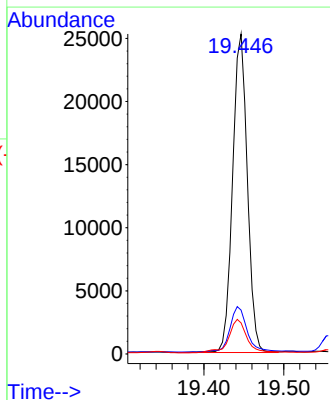
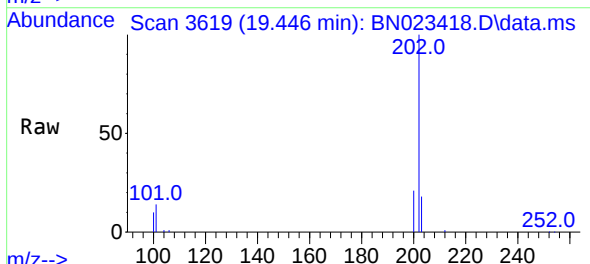
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

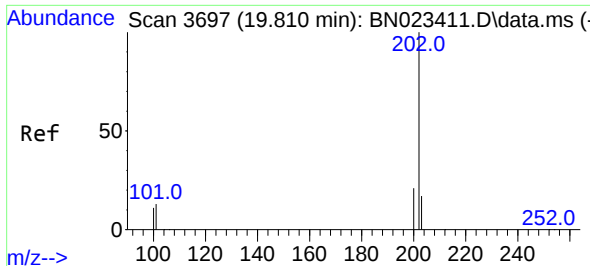


#19
 Fluoranthene
 Concen: 0.359 ng/ul
 RT: 19.446 min Scan# 3619
 Delta R.T. -0.003 min
 Lab File: BN023418.D
 Acq: 24 Dec 2022 19:39

Tgt Ion:202 Resp: 32285

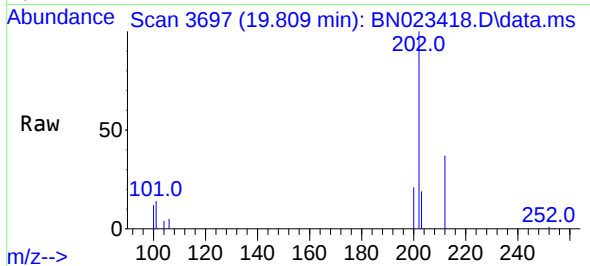
Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.4	14.2
100	9.7	7.0	10.6





#20
Pyrene
Concen: 0.279 ng/ul m
RT: 19.809 min Scan# 3697
Delta R.T. -0.003 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39

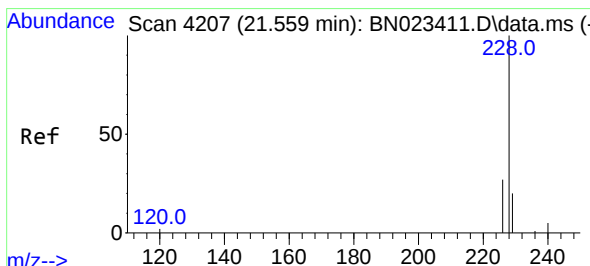
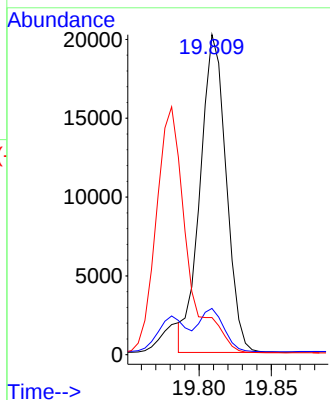
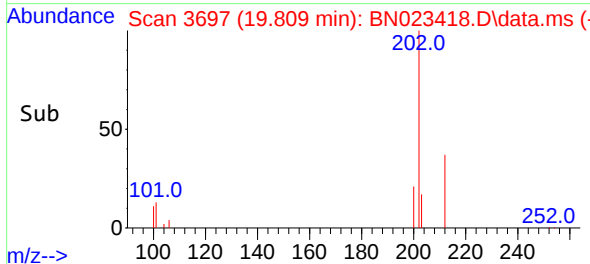
Instrument :
BNA_N
ClientSampleId :
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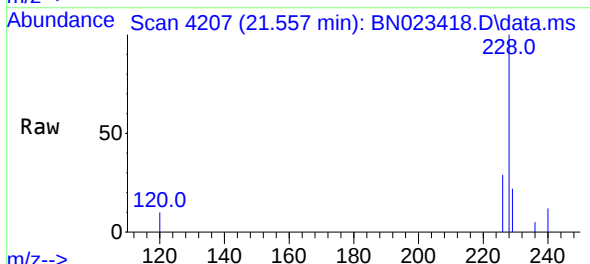
Tgt Ion:202 Resp: 25240
Ion Ratio Lower Upper
202 100
101 14.5 11.3 16.9
100 11.6 9.0 13.4

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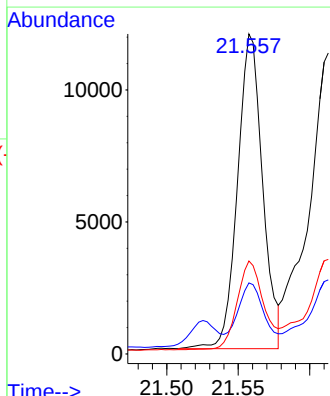
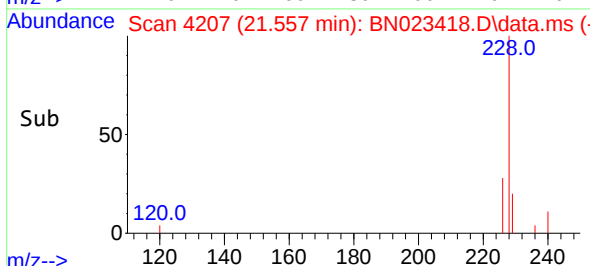
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Supervised By :Yogesh Patel 12/25/2022

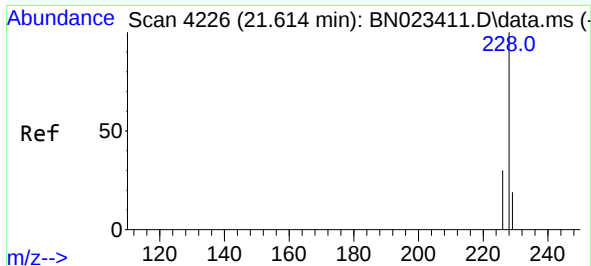


#21
Benzo(a)anthracene
Concen: 0.202 ng/ul
RT: 21.557 min Scan# 4207
Delta R.T. -0.004 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39



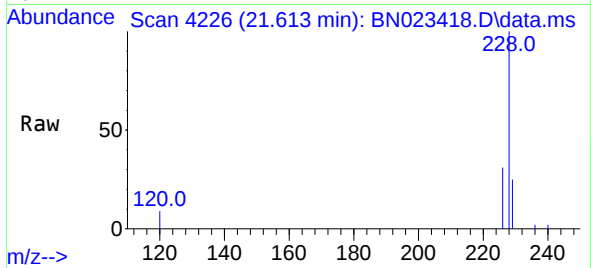
Tgt Ion:228 Resp: 14536
Ion Ratio Lower Upper
228 100
229 22.2 15.6 23.4
226 29.0 22.2 33.2





#22
Chrysene
Concen: 0.236 ng/ul
RT: 21.613 min Scan# 4226
Delta R.T. -0.004 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39

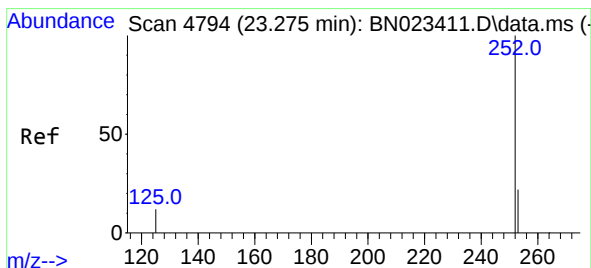
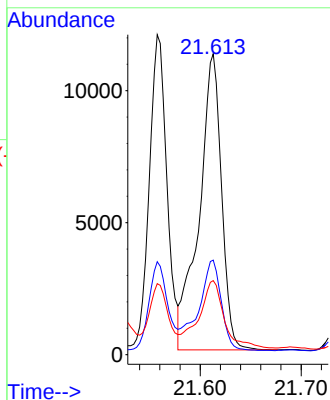
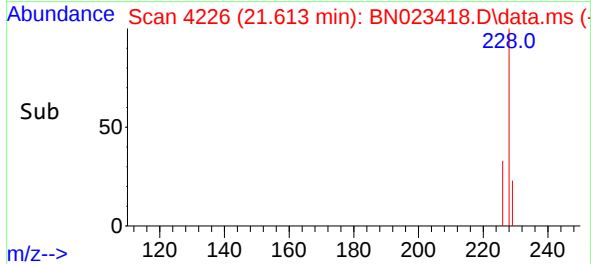
Instrument :
BNA_N
ClientSampleId :
DBYH8



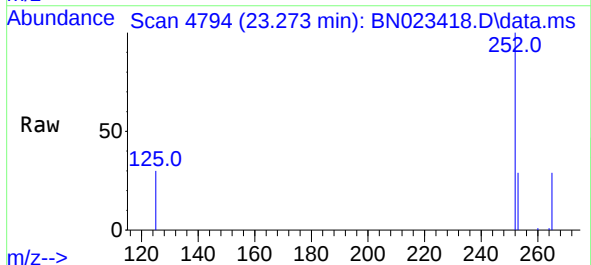
Tgt Ion:228 Resp: 17295
Ion Ratio Lower Upper
228 100
226 31.4 24.3 36.5
229 24.6 15.8 23.6

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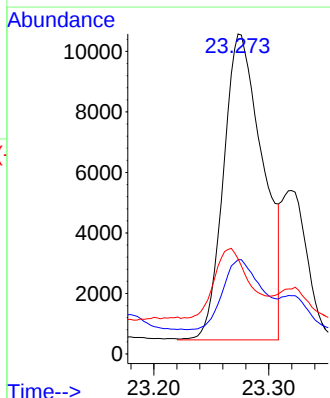
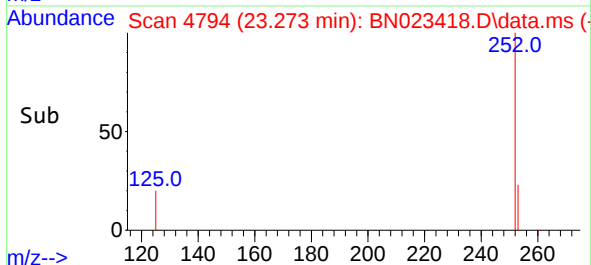
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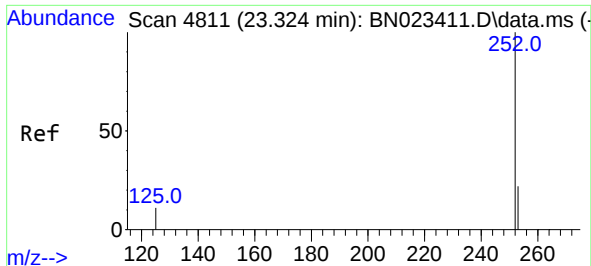


#24
Benzo(b)fluoranthene
Concen: 0.320 ng/ul m
RT: 23.273 min Scan# 4794
Delta R.T. -0.001 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39



Tgt Ion:252 Resp: 24075
Ion Ratio Lower Upper
252 100
253 29.5 0.0 49.2
125 29.7 0.0 31.8





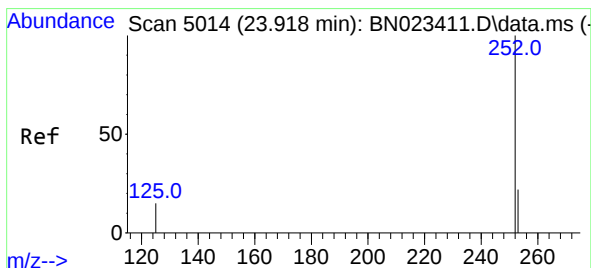
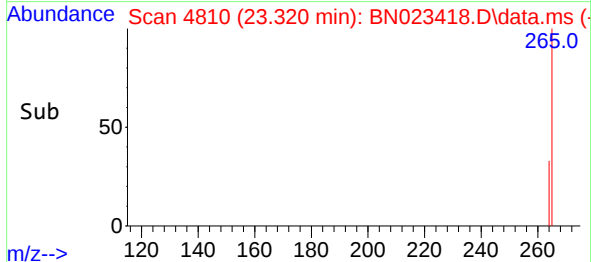
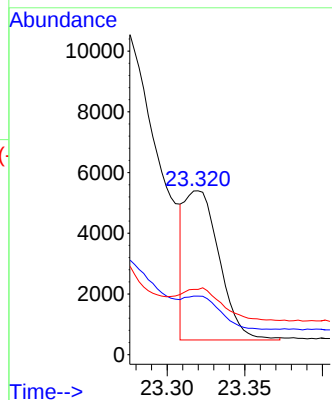
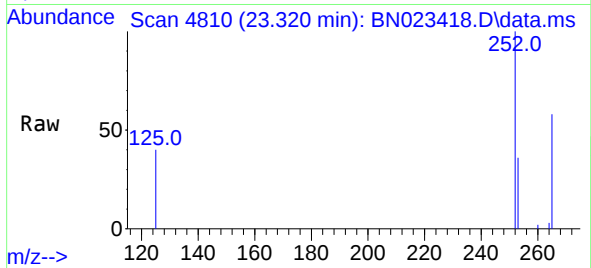
#25
Benzo(k)fluoranthene
Concen: 0.108 ng/ul m
RT: 23.320 min Scan# 4811
Delta R.T. -0.004 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39

Instrument :
BNA_N
ClientSampleId :
DBYH8

Tgt Ion:252 Resp: 7630
Ion Ratio Lower Upper
252 100
253 35.7 19.8 29.6
125 39.8 12.6 18.8

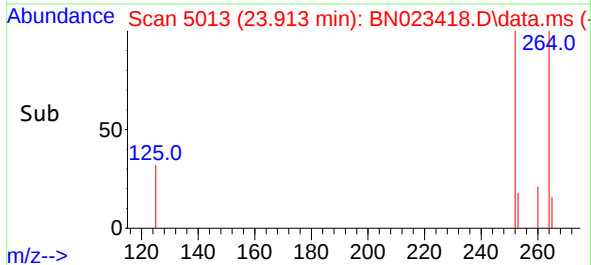
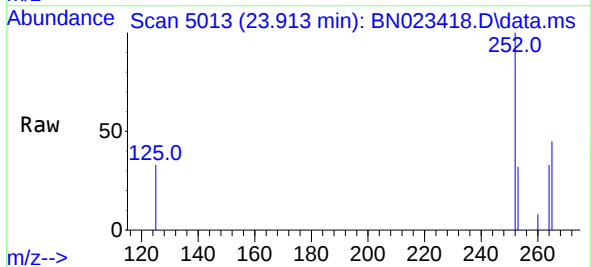
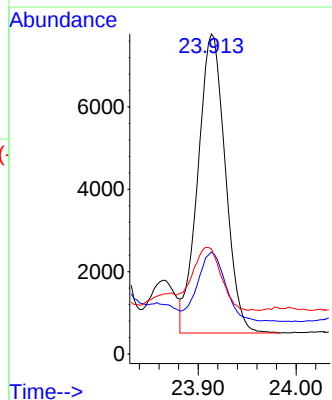
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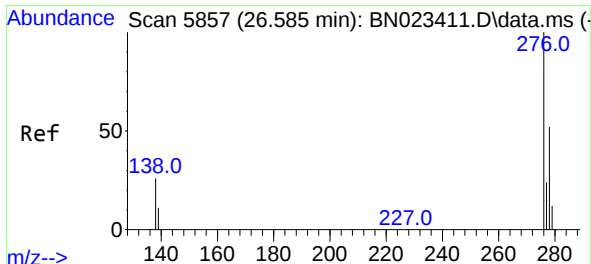
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#26
Benzo(a)pyrene
Concen: 0.236 ng/ul
RT: 23.913 min Scan# 5013
Delta R.T. -0.001 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39

Tgt Ion:252 Resp: 14088
Ion Ratio Lower Upper
252 100
253 31.9 21.4 32.2
125 32.9 16.2 24.4





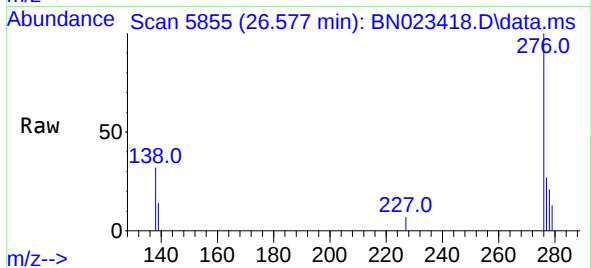
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Indeno(1,2,3-cd)pyrene
Concen: 0.156 ng/ul
RT: 26.577 min Scan# 5855
Delta R.T. -0.001 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39

Instrument :

BNA_N

ClientSampleId :

DBYH8

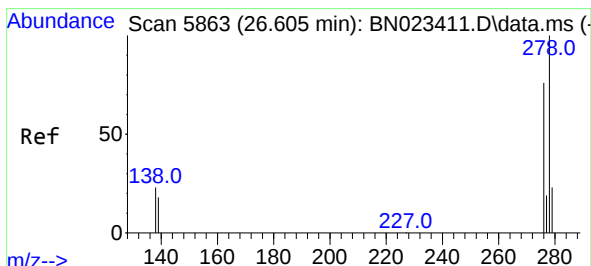
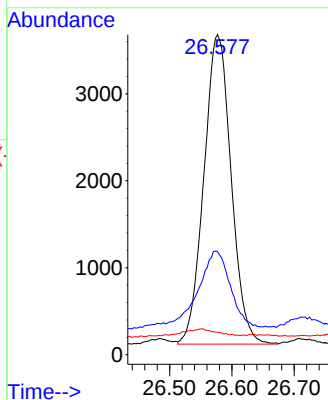
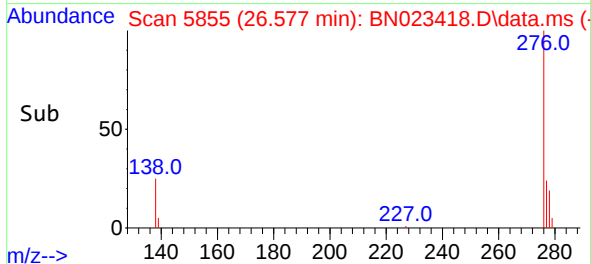


Tgt Ion:276 Resp: 1083
Ion Ratio Lower Upper
276 100
138 31.7 23.4 35.2
227 0.0 0.0 0.0

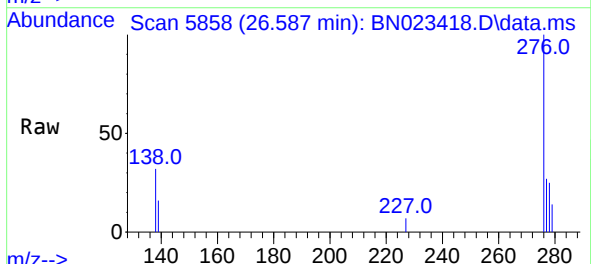
Manual Integrations

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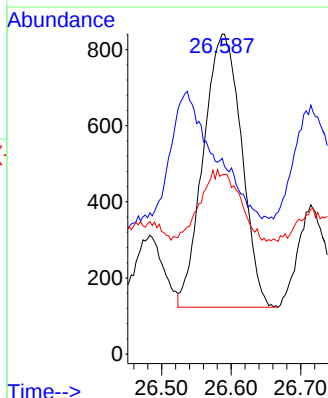
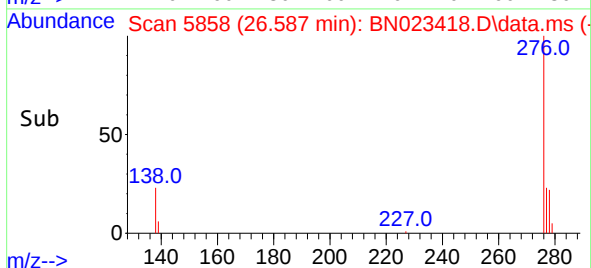
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Supervised By :Yogesh Patel 12/25/2022

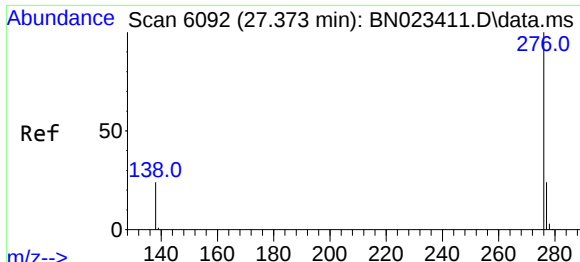


#28
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 26.587 min Scan# 5858
Delta R.T. -0.014 min
Lab File: BN023418.D
Acq: 24 Dec 2022 19:39



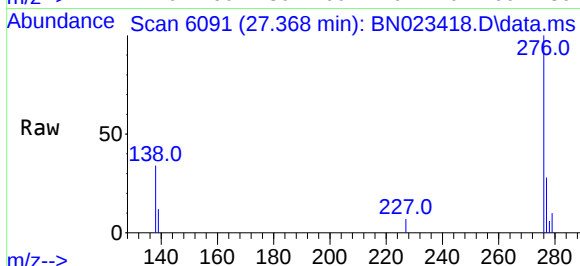
Tgt Ion:278 Resp: 2740
Ion Ratio Lower Upper
278 100
139 61.1 16.6 24.8#
279 56.0 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.191 ng/ul
 RT: 27.368 min Scan# 6091
 Delta R.T. -0.001 min
 Lab File: BN023418.D
 Acq: 24 Dec 2022 19:39

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion:276 Resp: 10854
 Ion Ratio Lower Upper
 276 100
 138 34.0 20.3 30.5
 277 27.6 19.7 29.5

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