

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023452.D
 Acq On : 25 Dec 2022 17:19
 Operator : CG/JU
 Sample : N6017-19
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYG5

Manual Integrations
 APPROVED

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

Quant Time: Dec 26 01:24:22 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	6149	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	19867	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	12296	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	27677	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	19718	0.400	ng/ul	# 0.00
23) Perylene-d12	24.022	264	15316	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	34393	5.148	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	13104	0.426	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	30971	0.434	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.358	152	1860	0.034	ng/ul#	76
15) Phenanthrene	17.428	178	9034	0.100	ng/ul#	92
19) Fluoranthene	19.443	202	24028	0.251	ng/ul#	86
20) Pyrene	19.811	202	18348m	0.190	ng/ul	
21) Benzo(a)anthracene	21.560	228	9675	0.126	ng/ul#	17
22) Chrysene	21.616	228	12971	0.166	ng/ul#	43
24) Benzo(b)fluoranthene	23.273	252	19779m	0.250	ng/ul	
25) Benzo(k)fluoranthene	23.317	252	6172m	0.083	ng/ul	
26) Benzo(a)pyrene	23.913	252	12322	0.196	ng/ul#	73
27) Indeno(1,2,3-cd)pyrene	26.574	276	10390	0.142	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.587	278	2655	0.047	ng/ul#	4
29) Benzo(g,h,i)perylene	27.368	276	10880	0.182	ng/ul#	69

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

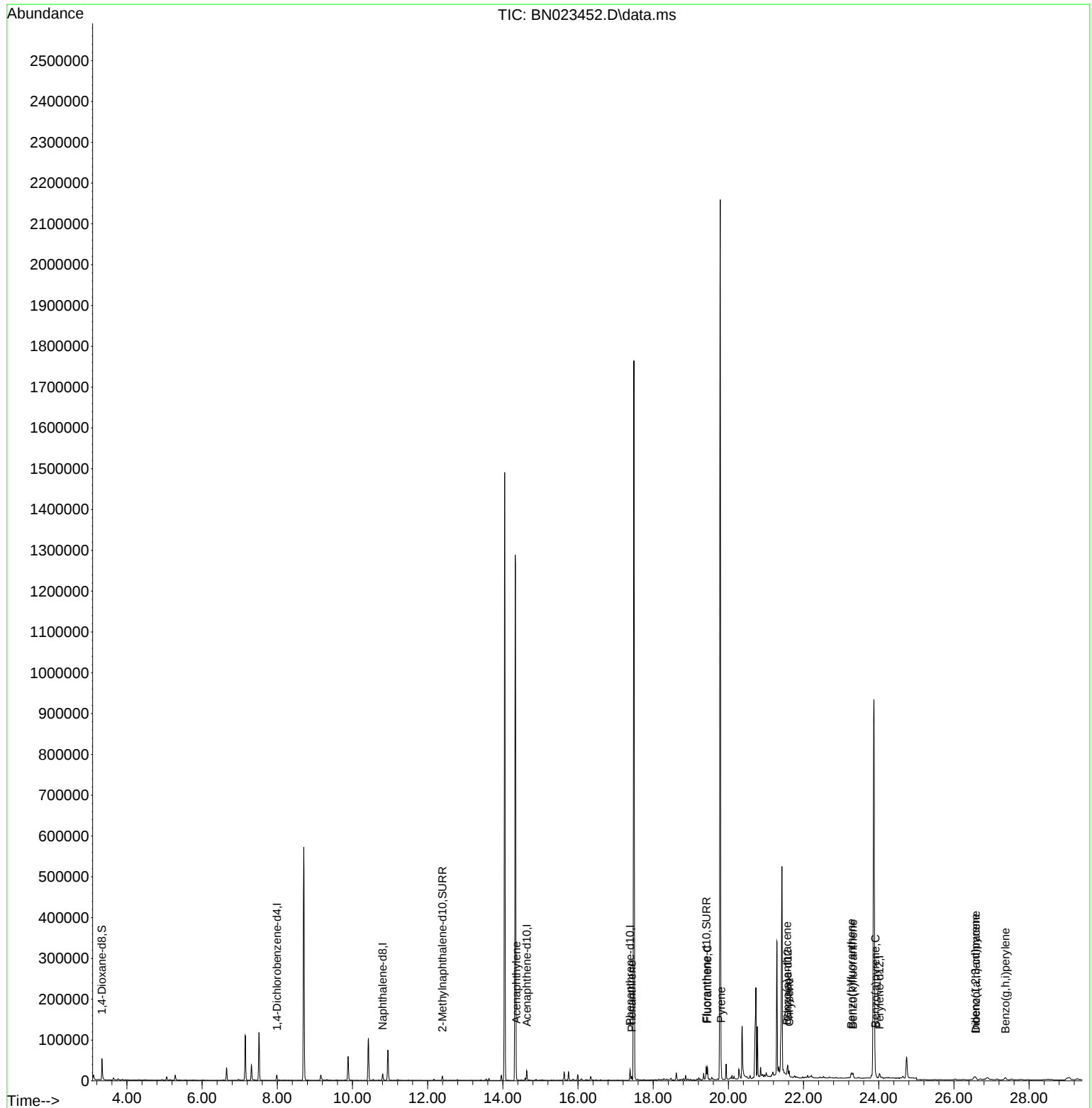
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023452.D
Acq On : 25 Dec 2022 17:19
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ALS Vial : 81 Sample Multiplier: 1

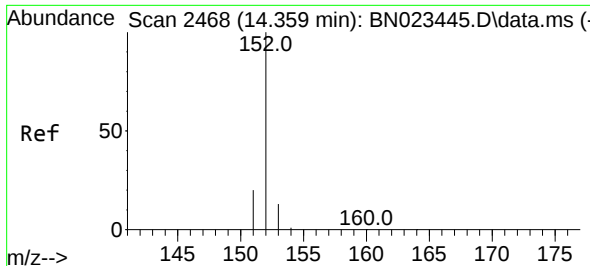
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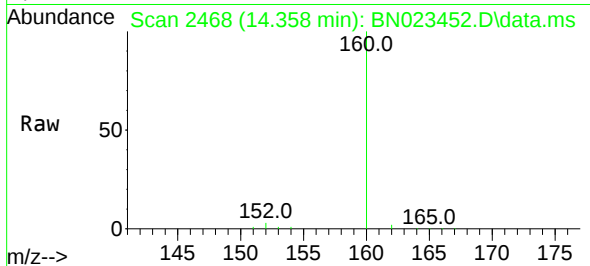
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
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#10
Acenaphthylene
Concen: 0.034 ng/u1
RT: 14.358 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BN023452.D
Acq: 25 Dec 2022 17:19

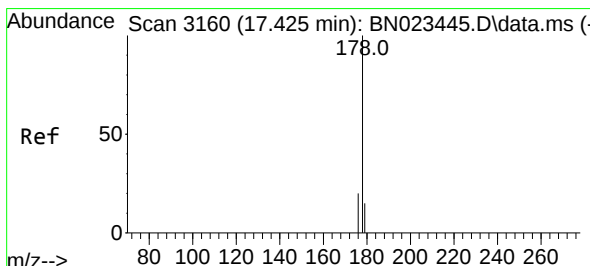
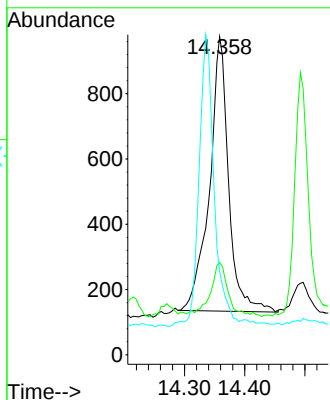
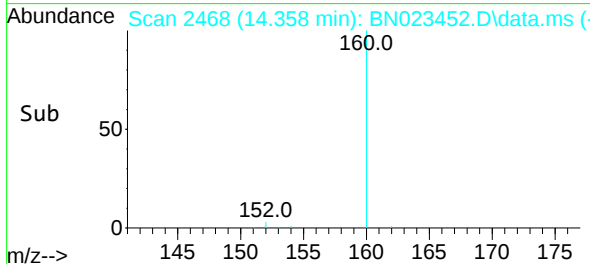
Instrument :
BNA_N
ClientSampleId :
DBYG5



Tgt Ion:152 Resp: 1860
Ion Ratio Lower Upper
152 100
151 29.0 16.1 24.1
153 26.2 10.9 16.3

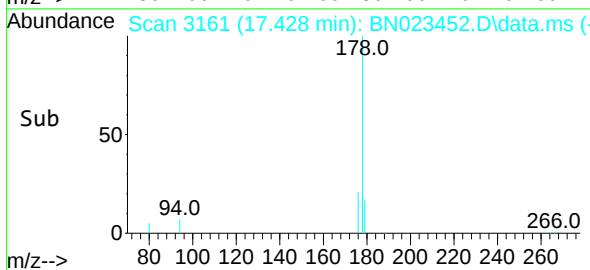
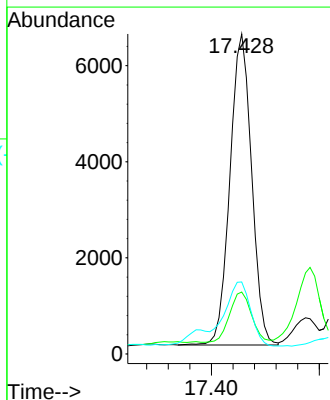
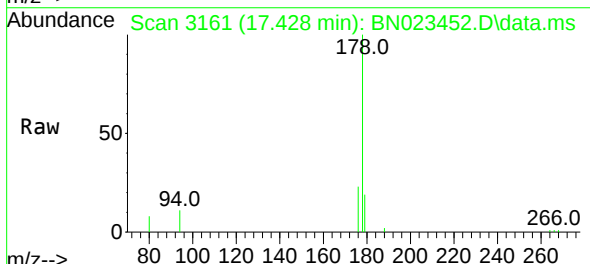
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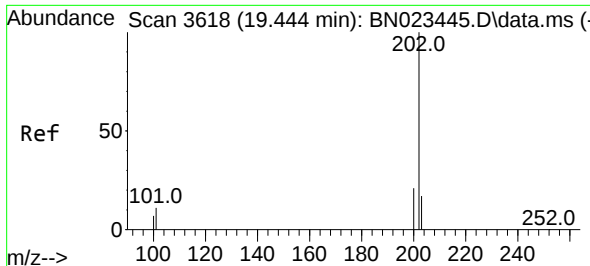
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#15
Phenanthrene
Concen: 0.100 ng/u1
RT: 17.428 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BN023452.D
Acq: 25 Dec 2022 17:19

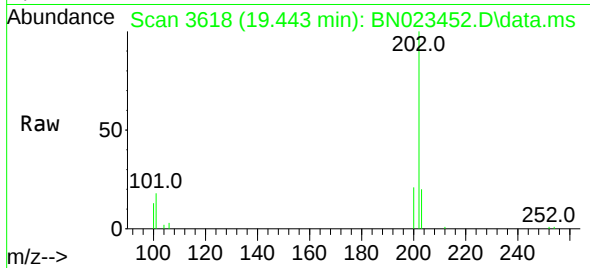
Tgt Ion:178 Resp: 9034
Ion Ratio Lower Upper
178 100
179 19.4 12.5 18.7
176 22.5 15.7 23.5





#19
Fluoranthene
Concen: 0.251 ng/ul
RT: 19.443 min Scan# 3618
Delta R.T. 0.000 min
Lab File: BN023452.D
Acq: 25 Dec 2022 17:19

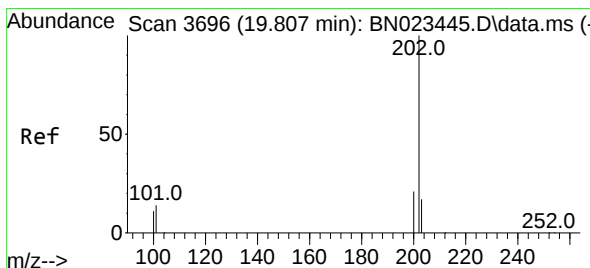
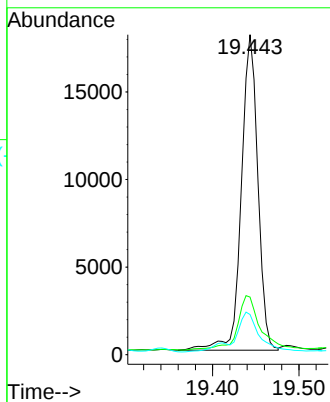
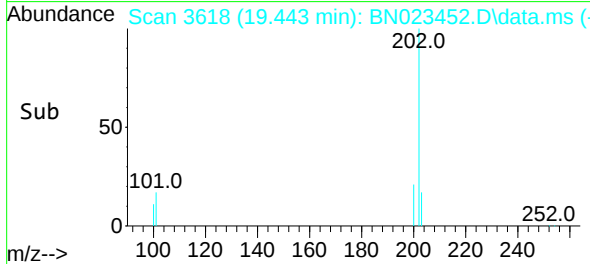
Instrument :
BNA_N
ClientSampleId :
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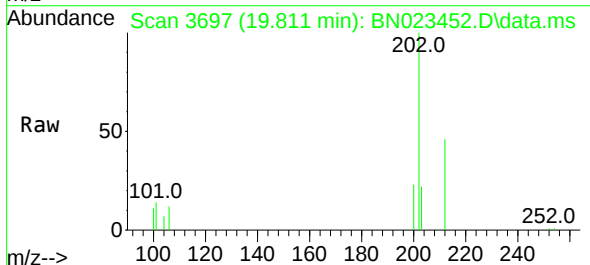
Tgt Ion:202 Resp: 24028
Ion Ratio Lower Upper
202 100
101 18.0 9.4 14.2
100 12.5 7.0 10.6

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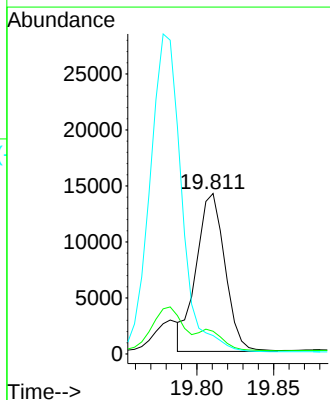
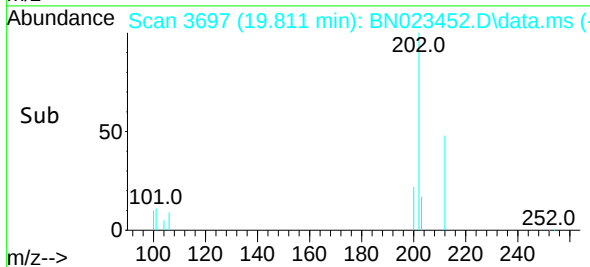
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

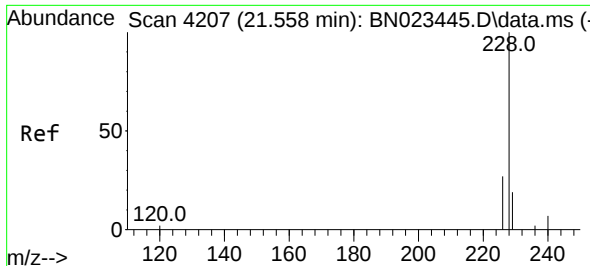


#20
Pyrene
Concen: 0.190 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. 0.005 min
Lab File: BN023452.D
Acq: 25 Dec 2022 17:19



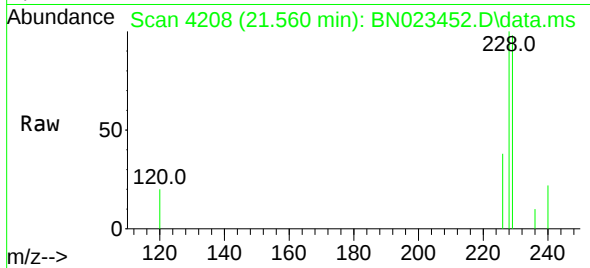
Tgt Ion:202 Resp: 18348
Ion Ratio Lower Upper
202 100
101 14.2 11.3 16.9
100 11.5 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.126 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. 0.004 min
Lab File: BN023452.D
Acq: 25 Dec 2022 17:19

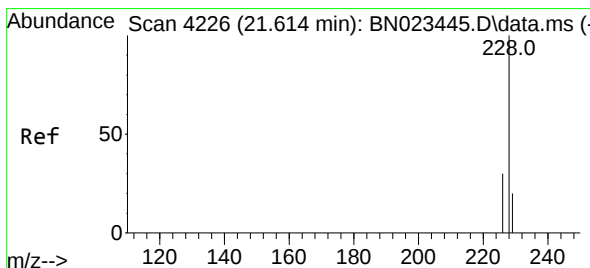
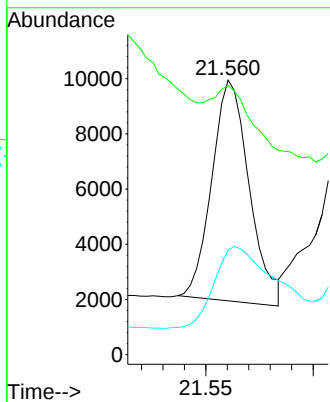
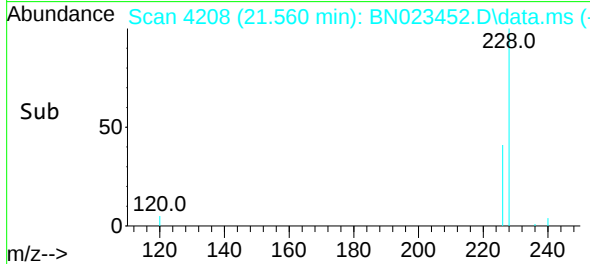
Instrument :
BNA_N
ClientSampleId :
DBYG5



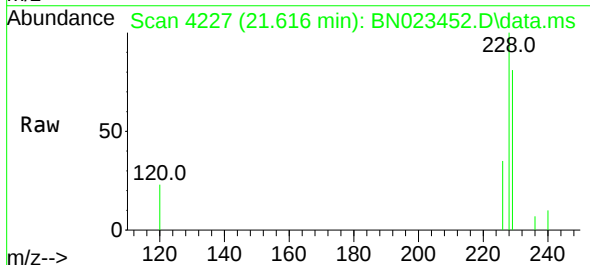
Tgt Ion:228 Resp: 9671
Ion Ratio Lower Upper
228 100
229 98.0 15.6 23.4
226 38.1 22.2 33.2

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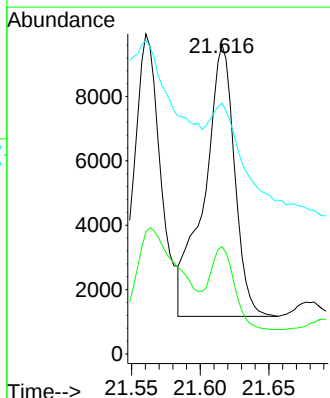
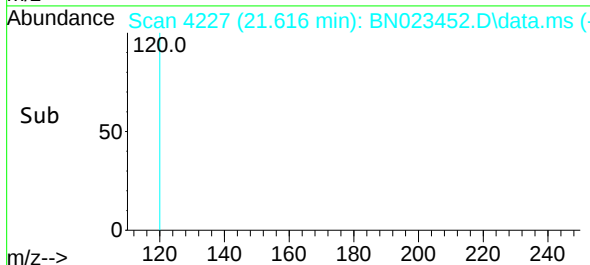
Reviewed By :Yogesh Patel 12/26/2022
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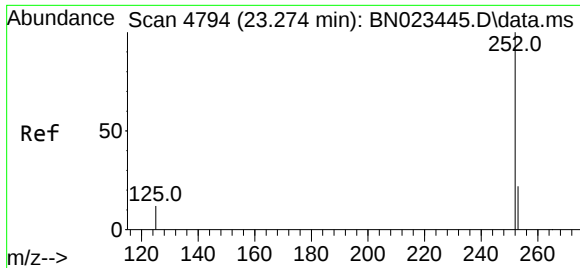


#22
Chrysene
Concen: 0.166 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. 0.004 min
Lab File: BN023452.D
Acq: 25 Dec 2022 17:19



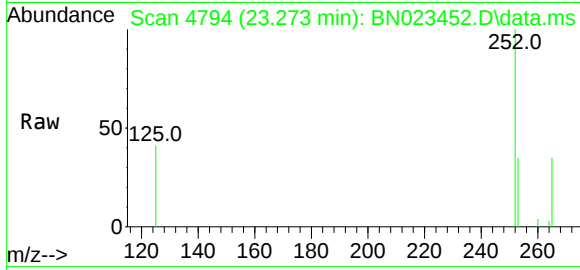
Tgt Ion:228 Resp: 12971
Ion Ratio Lower Upper
228 100
226 34.7 24.3 36.5
229 81.0 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.250 ng/ul m
RT: 23.273 min Scan# 4794
Delta R.T. 0.004 min
Lab File: BN023452.D
Acq: 25 Dec 2022 17:19

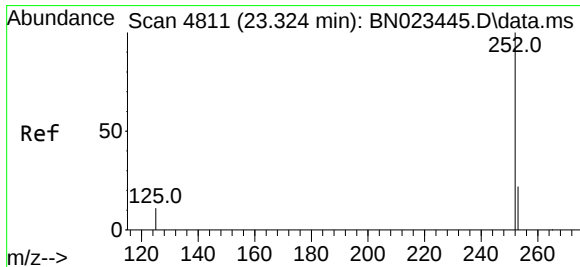
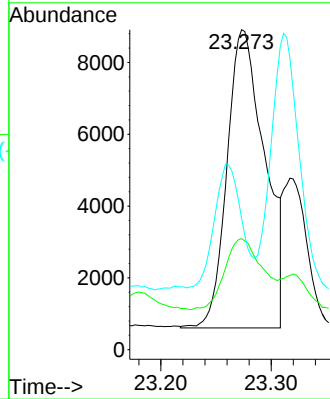
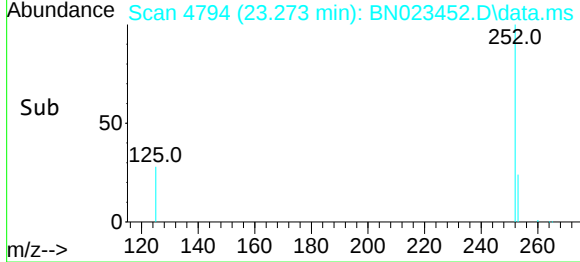
Instrument :
BNA_N
ClientSampleId :
DBYG5



Tgt Ion:252 Resp: 19779
Ion Ratio Lower Upper
252 100
253 34.7 0.0 49.2
125 41.0 0.0 31.8

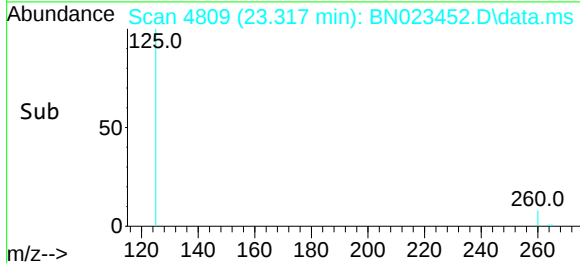
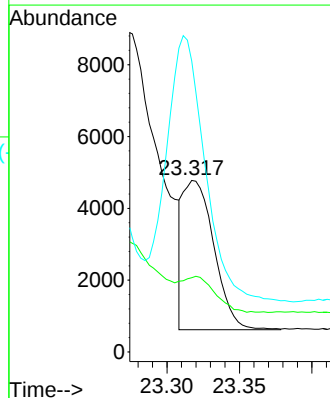
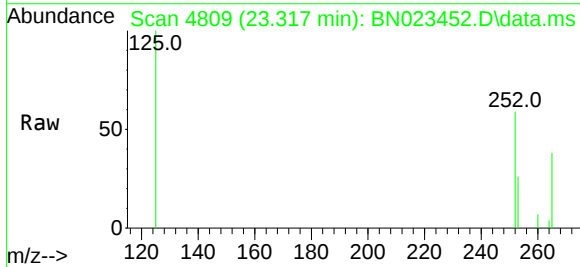
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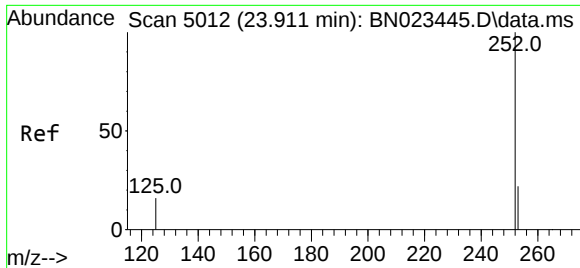
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#25
Benzo(k)fluoranthene
Concen: 0.083 ng/ul m
RT: 23.317 min Scan# 4809
Delta R.T. -0.002 min
Lab File: BN023452.D
Acq: 25 Dec 2022 17:19

Tgt Ion:252 Resp: 6172
Ion Ratio Lower Upper
252 100
253 43.3 19.8 29.6#
125 169.7 12.6 18.8#





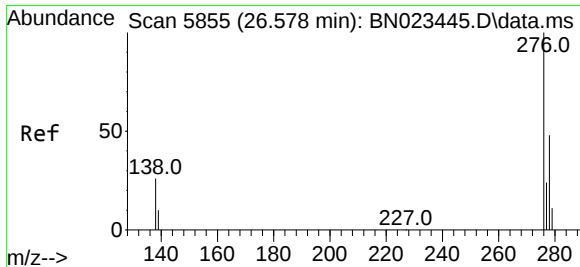
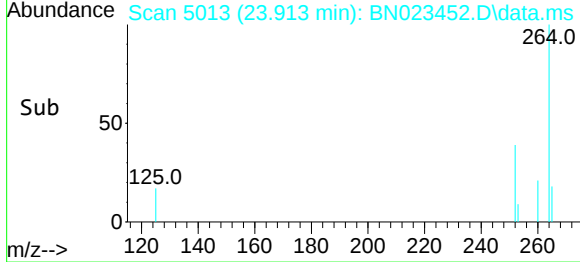
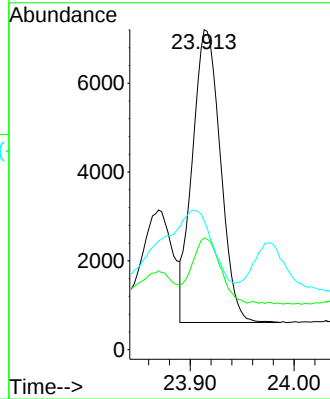
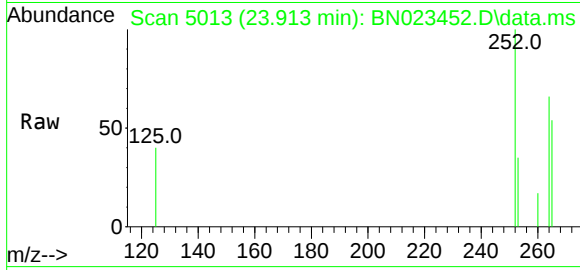
#26
Benzo(a)pyrene
Concen: 0.196 ng/ul
RT: 23.913 min Scan# 5013
Delta R.T. 0.004 min
Lab File: BN023452.D
Acq: 25 Dec 2022 17:19

Instrument :
BNA_N
ClientSampleId :
DBYG5

Tgt Ion:	252	Resp:	1232
Ion Ratio	Lower	Upper	
252	100		
253	34.9	21.4	32.2
125	40.2	16.2	24.4

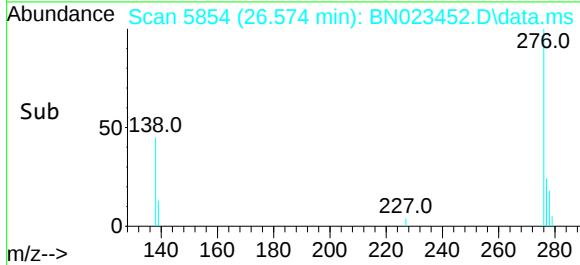
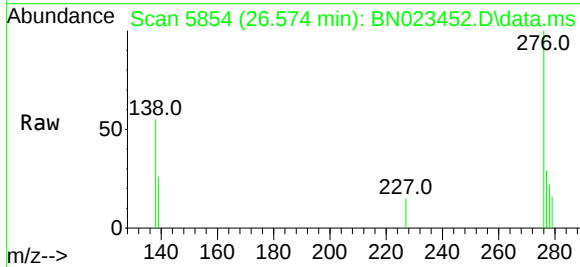
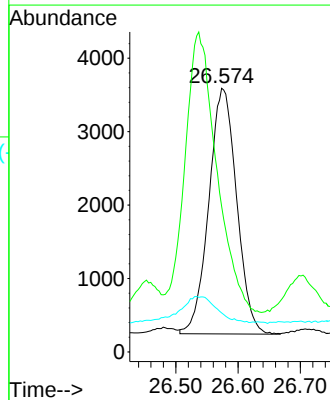
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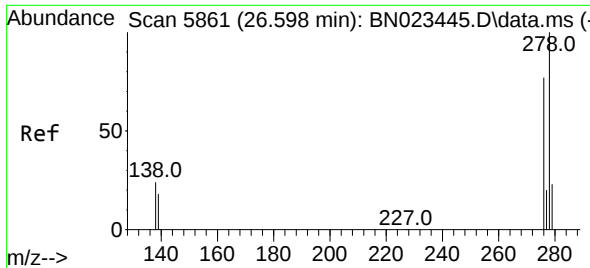
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.142 ng/ul
RT: 26.574 min Scan# 5854
Delta R.T. -0.002 min
Lab File: BN023452.D
Acq: 25 Dec 2022 17:19

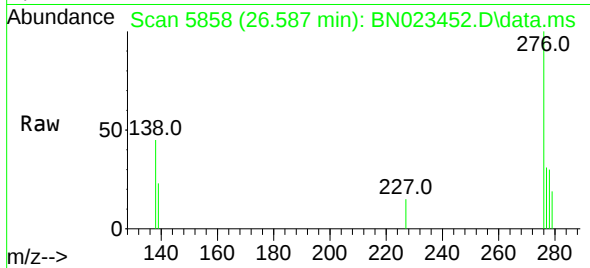
Tgt Ion:	276	Resp:	10390
Ion Ratio	Lower	Upper	
276	100		
138	0.0	23.4	35.2
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.047 ng/ul
 RT: 26.587 min Scan# 5858
 Delta R.T. -0.012 min
 Lab File: BN023452.D
 Acq: 25 Dec 2022 17:19

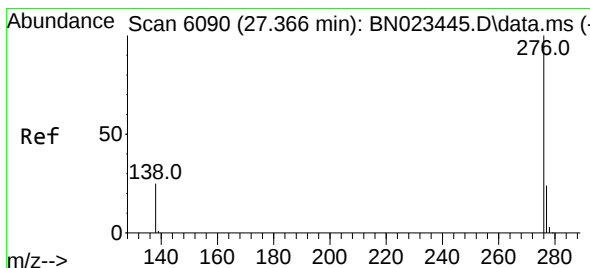
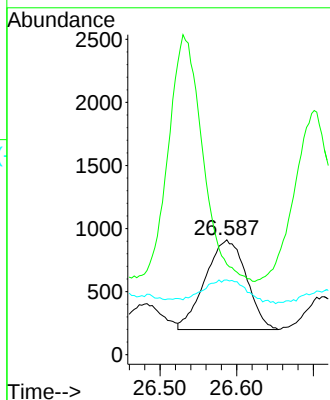
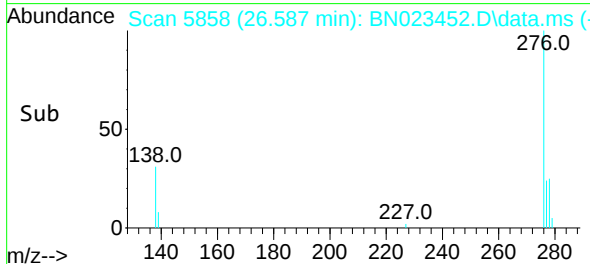
Instrument :
 BNA_N
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 DBYG5



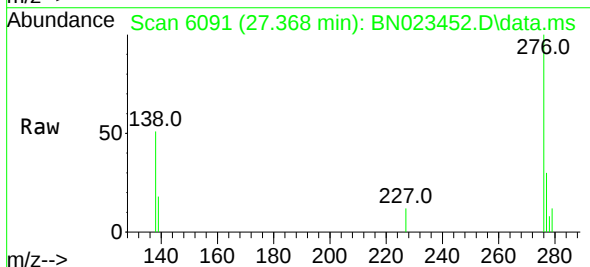
Tgt Ion:278 Resp: 2658
 Ion Ratio Lower Upper
 278 100
 139 78.7 16.6 24.8#
 279 65.0 21.3 31.9#

Manual Integrations
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 Supervised By :Sohil Jodhani 12/26/2022



#29
 Benzo(g,h,i)perylene
 Concen: 0.182 ng/ul
 RT: 27.368 min Scan# 6091
 Delta R.T. 0.002 min
 Lab File: BN023452.D
 Acq: 25 Dec 2022 17:19



Tgt Ion:276 Resp: 10880
 Ion Ratio Lower Upper
 276 100
 138 51.0 20.3 30.5#
 277 29.7 19.7 29.5#

