

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023431.D
 Acq On : 25 Dec 2022 04:00
 Operator : CG/JU
 Sample : N6017-02
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYE9

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 05:27:47 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	7964	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	26188	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	15374	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	34530	0.400	ng/ul	0.00
17) Chrysene-d12	21.572	240	24262	0.400	ng/ul	# 0.00
23) Perylene-d12	24.022	264	17574	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	22770	2.631	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.393	152	7964	0.197	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	18876	0.215	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.358	152	1559	0.023	ng/ul#	83
15) Phenanthrene	17.428	178	11958	0.106	ng/ul#	88
16) Anthracene	17.521	178	1879	0.020	ng/ul#	81
19) Fluoranthene	19.443	202	29166	0.248	ng/ul#	95
20) Pyrene	19.811	202	21943m	0.185	ng/ul	
21) Benzo(a)anthracene	21.554	228	11810	0.125	ng/ul#	89
22) Chrysene	21.610	228	13289	0.138	ng/ul#	81
24) Benzo(b)fluoranthene	23.270	252	17385m	0.191	ng/ul	
25) Benzo(k)fluoranthene	23.314	252	6227m	0.073	ng/ul	
26) Benzo(a)pyrene	23.911	252	11208	0.156	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.574	276	9164	0.109	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.580	278	2336	0.036	ng/ul#	14
29) Benzo(g,h,i)perylene	27.368	276	10292	0.150	ng/ul#	81

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

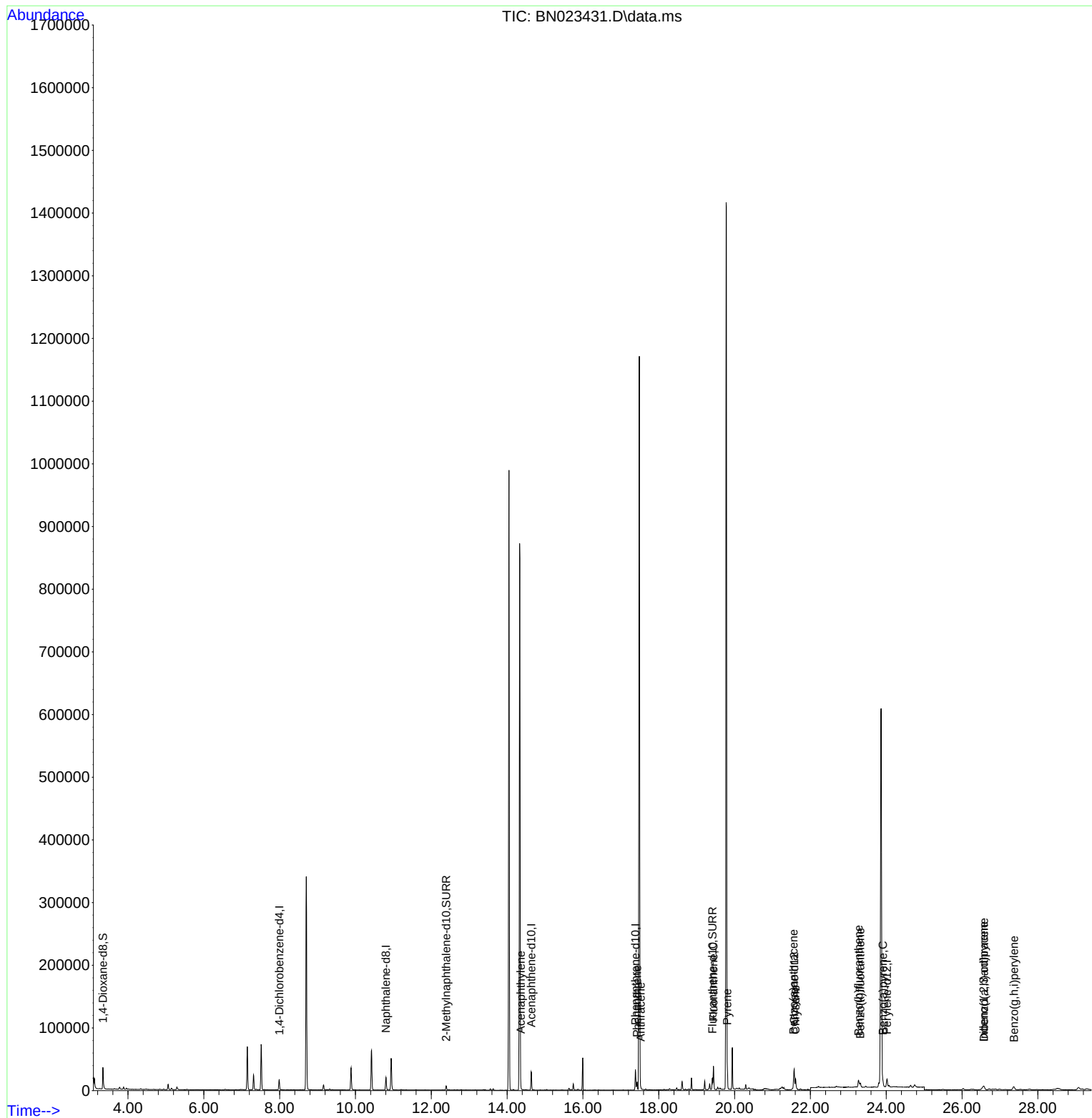
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023431.D
Acq On : 25 Dec 2022 04:00
Operator : CG/JU
Sample : N6017-02
Misc :
ALS Vial : 59 Sample Multiplier: 1

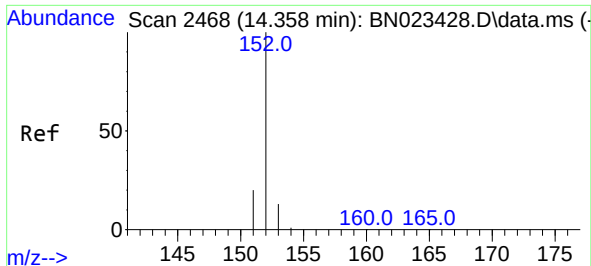
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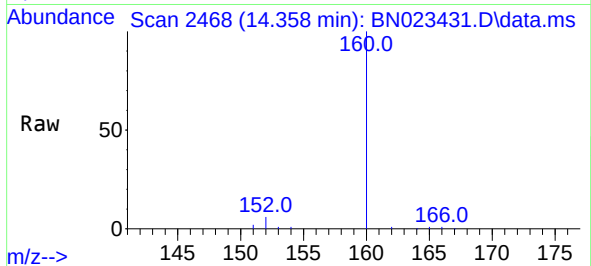
Quant Time: Dec 25 05:27:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
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#10
Acenaphthylene
Concen: 0.023 ng/u1
RT: 14.358 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BN023431.D
Acq: 25 Dec 2022 04:00

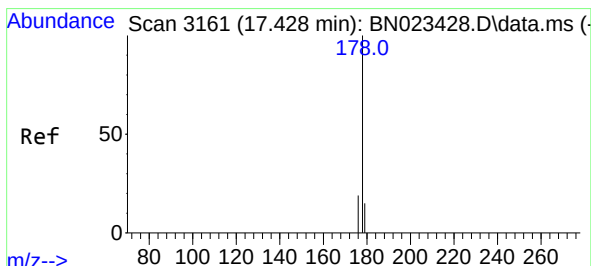
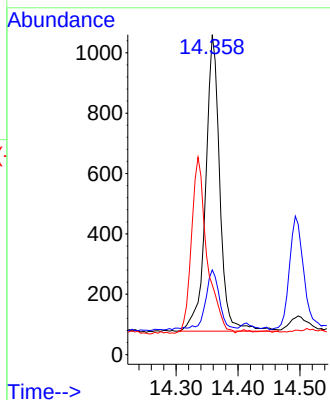
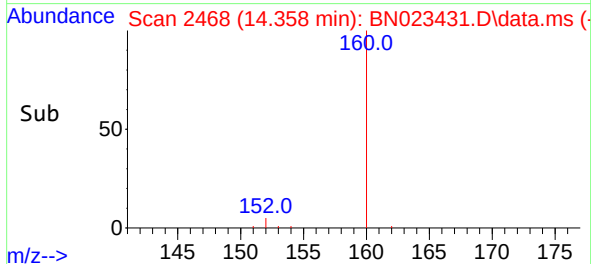
Instrument :
BNA_N
ClientSampleId :
DBYE9



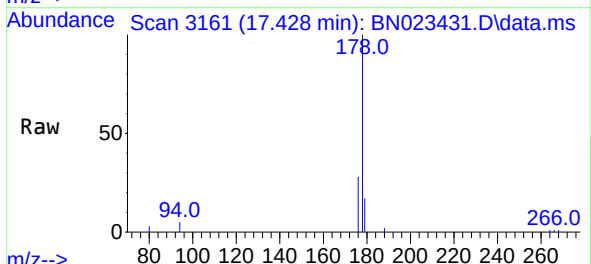
Tgt Ion:152 Resp: 1559
Ion Ratio Lower Upper
152 100
151 26.5 16.1 24.1
153 21.8 10.9 16.3

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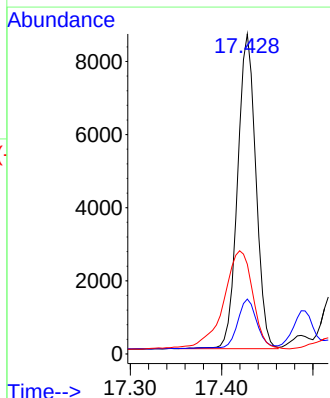
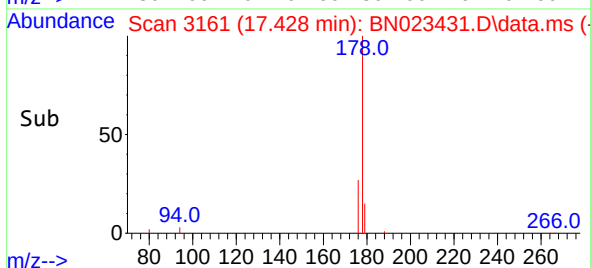
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

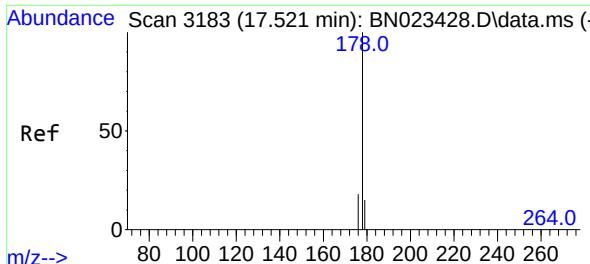


#15
Phenanthrene
Concen: 0.106 ng/u1
RT: 17.428 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BN023431.D
Acq: 25 Dec 2022 04:00



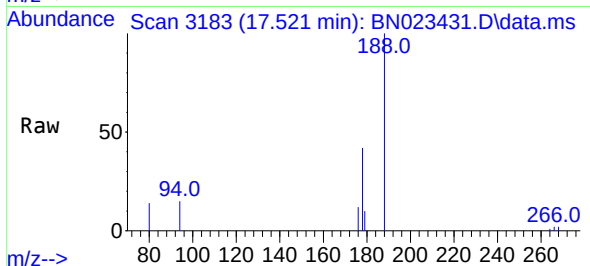
Tgt Ion:178 Resp: 11958
Ion Ratio Lower Upper
178 100
179 17.1 12.5 18.7
176 28.0 15.7 23.5





#16
 Anthracene
 Concen: 0.020 ng/ul
 RT: 17.521 min Scan# 3183
 Delta R.T. 0.000 min
 Lab File: BN023431.D
 Acq: 25 Dec 2022 04:00

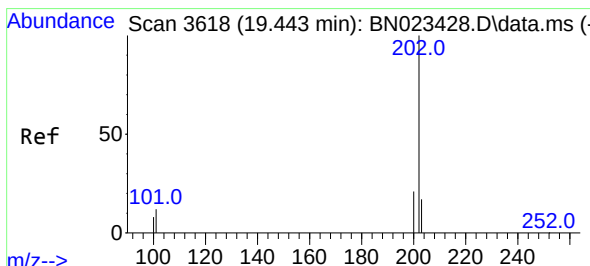
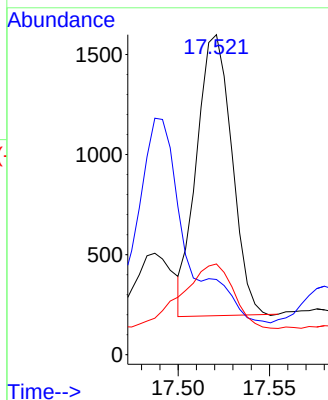
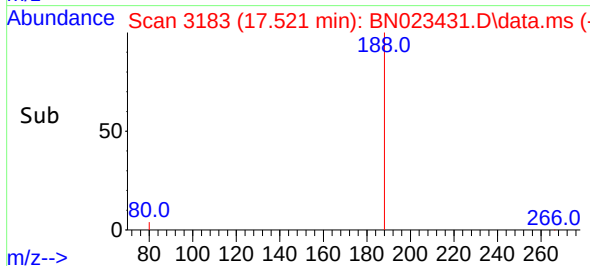
Instrument :
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Tgt Ion:178 Resp: 1879
 Ion Ratio Lower Upper
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 179 23.5 12.6 18.8
 176 28.3 15.4 23.0

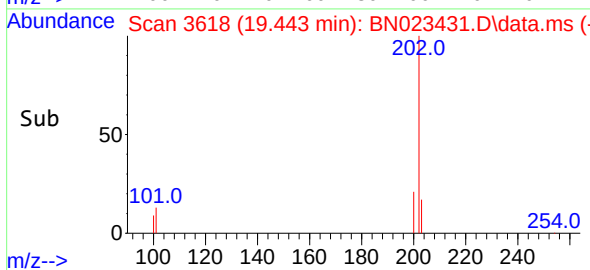
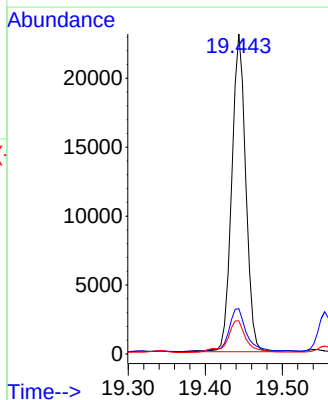
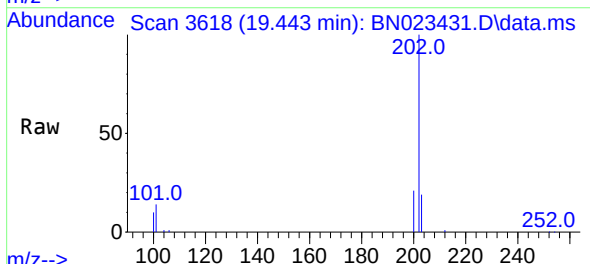
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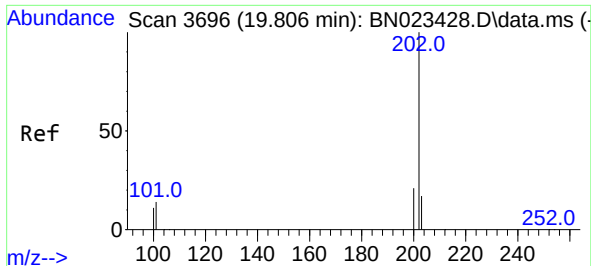
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 Supervised By :Yogesh Patel 12/25/2022



#19
 Fluoranthene
 Concen: 0.248 ng/ul
 RT: 19.443 min Scan# 3618
 Delta R.T. 0.000 min
 Lab File: BN023431.D
 Acq: 25 Dec 2022 04:00

Tgt Ion:202 Resp: 29166
 Ion Ratio Lower Upper
 202 100
 101 14.2 9.4 14.2
 100 10.4 7.0 10.6





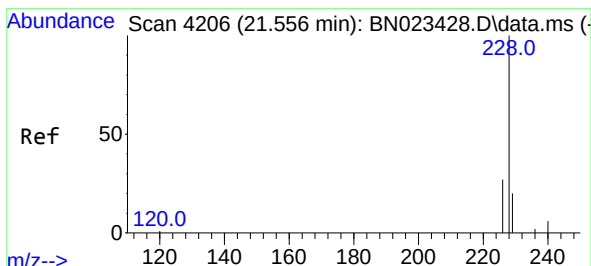
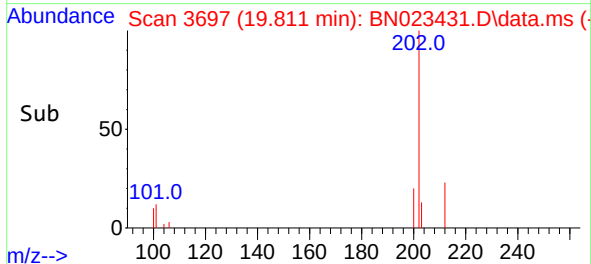
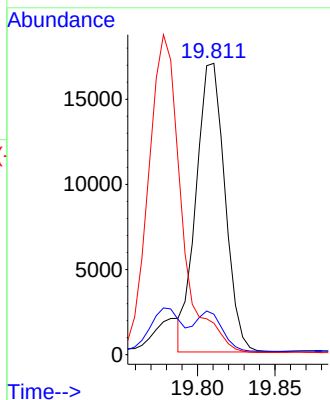
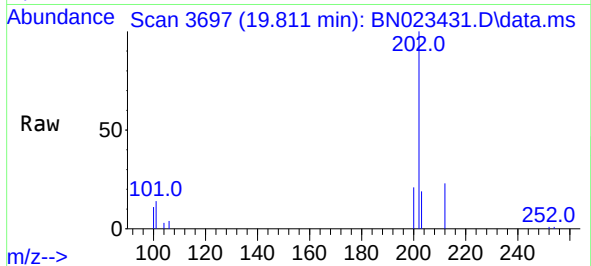
#20
Pyrene
Concen: 0.185 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. 0.005 min
Lab File: BN023431.D
Acq: 25 Dec 2022 04:00

Instrument :
BNA_N
ClientSampleId :
DBYE9

Tgt Ion:202 Resp: 2194
Ion Ratio Lower Upper
202 100
101 13.9 11.3 16.9
100 10.8 9.0 13.4

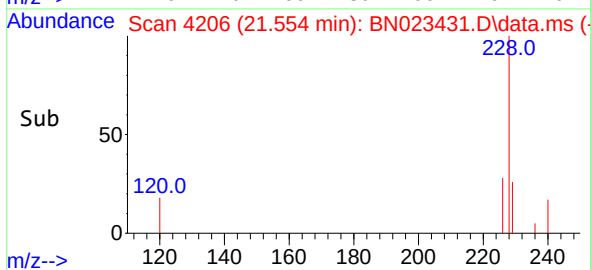
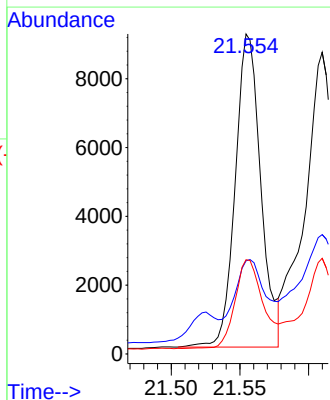
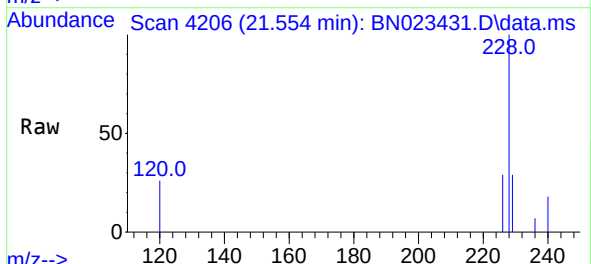
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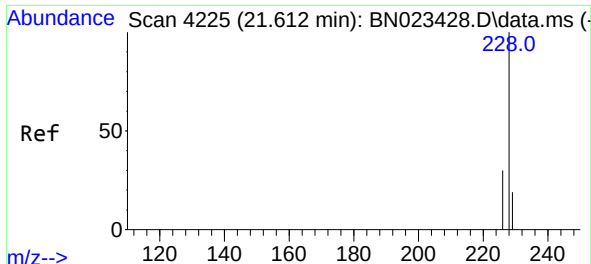
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Supervised By :Yogesh Patel 12/25/2022



#21
Benzo(a)anthracene
Concen: 0.125 ng/ul
RT: 21.554 min Scan# 4206
Delta R.T. -0.002 min
Lab File: BN023431.D
Acq: 25 Dec 2022 04:00

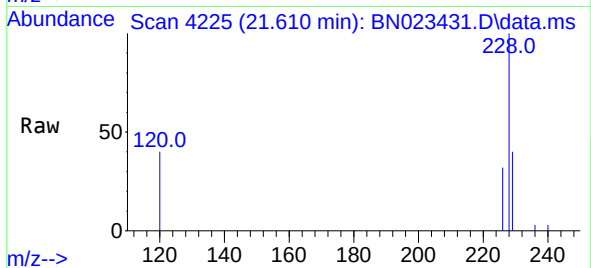
Tgt Ion:228 Resp: 11810
Ion Ratio Lower Upper
228 100
229 29.1 15.6 23.4#
226 29.5 22.2 33.2





#22
Chrysene
Concen: 0.138 ng/ul
RT: 21.610 min Scan# 4225
Delta R.T. -0.002 min
Lab File: BN023431.D
Acq: 25 Dec 2022 04:00

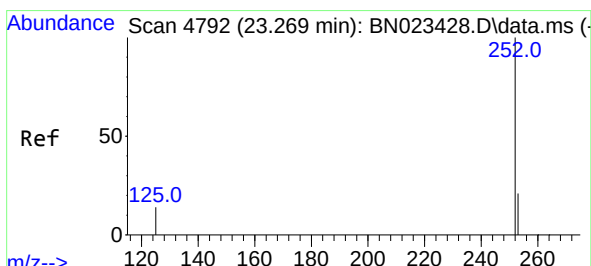
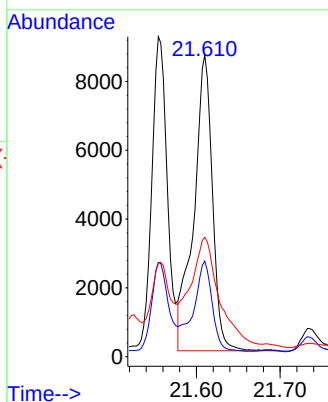
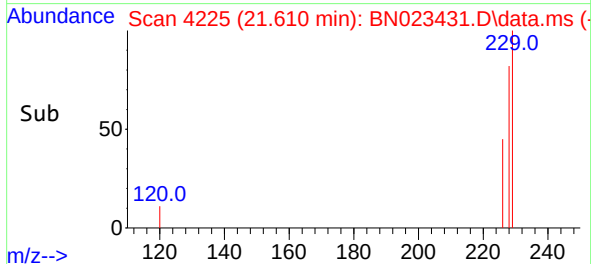
Instrument :
BNA_N
ClientSampleId :
DBYE9



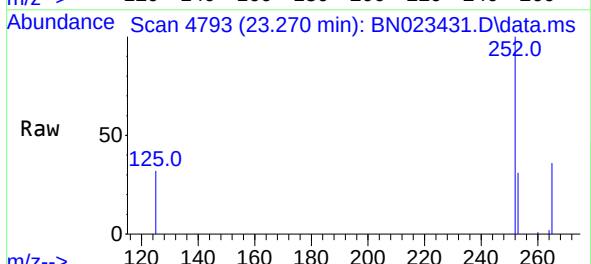
Tgt Ion:228 Resp: 13289
Ion Ratio Lower Upper
228 100
226 31.7 24.3 36.5
229 39.5 15.8 23.6

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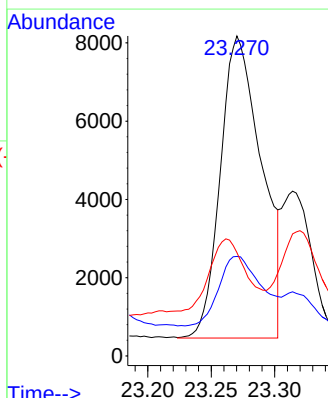
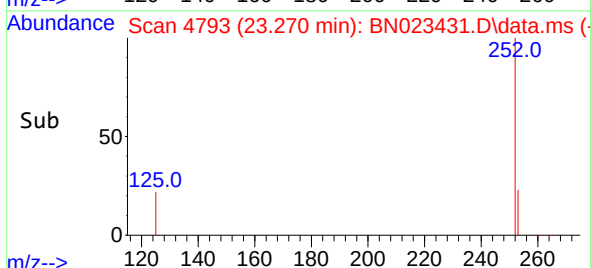
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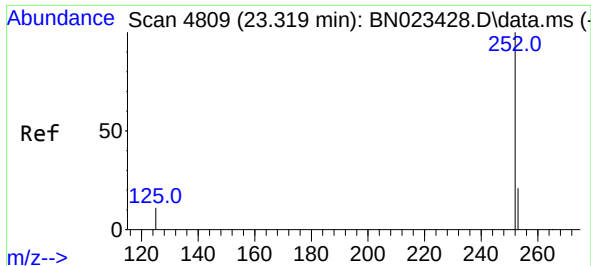


#24
Benzo(b)fluoranthene
Concen: 0.191 ng/ul m
RT: 23.270 min Scan# 4793
Delta R.T. 0.001 min
Lab File: BN023431.D
Acq: 25 Dec 2022 04:00



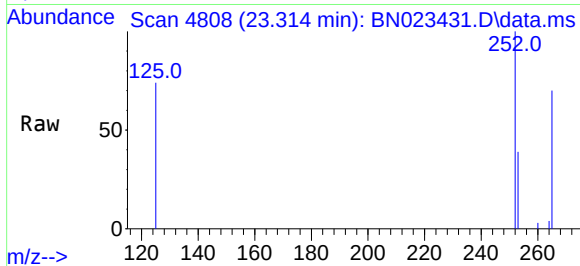
Tgt Ion:252 Resp: 17385
Ion Ratio Lower Upper
252 100
253 31.1 0.0 49.2
125 32.3 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.073 ng/ul m
RT: 23.314 min Scan# 4809
Delta R.T. -0.005 min
Lab File: BN023431.D
Acq: 25 Dec 2022 04:00

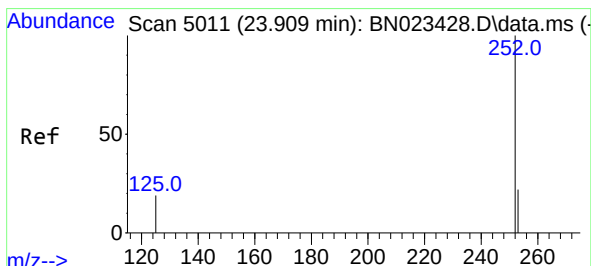
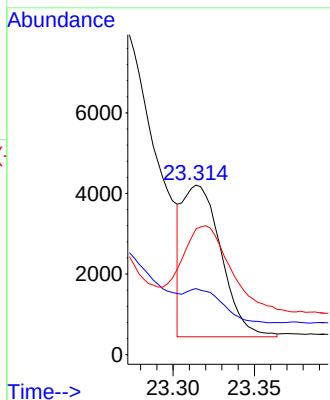
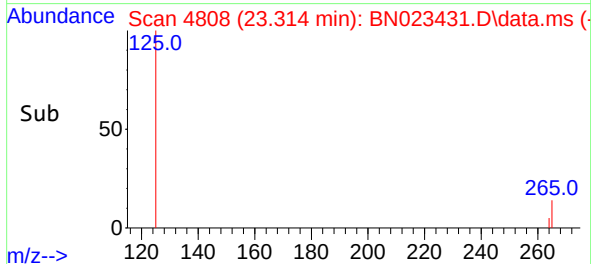
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ClientSampleId :
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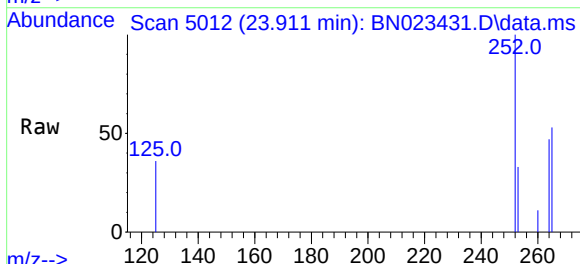
Tgt Ion:252 Resp: 6227
Ion Ratio Lower Upper
252 100
253 38.9 19.8 29.6#
125 74.1 12.6 18.8#

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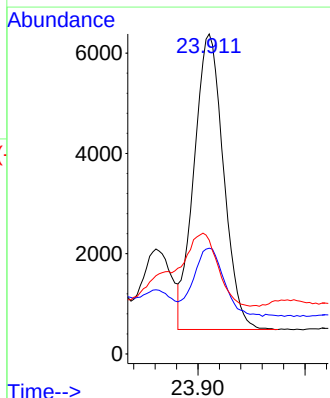
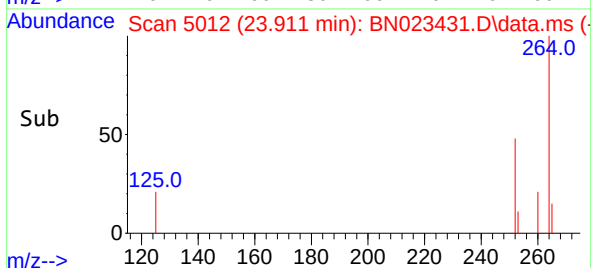
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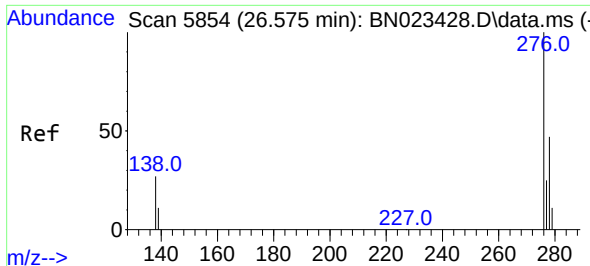


#26
Benzo(a)pyrene
Concen: 0.156 ng/ul
RT: 23.911 min Scan# 5012
Delta R.T. 0.001 min
Lab File: BN023431.D
Acq: 25 Dec 2022 04:00



Tgt Ion:252 Resp: 11208
Ion Ratio Lower Upper
252 100
253 33.0 21.4 32.2#
125 35.6 16.2 24.4#





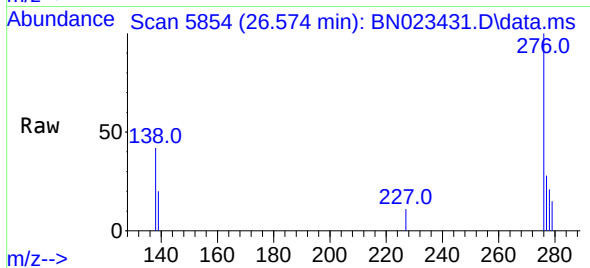
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng/ul
RT: 26.574 min Scan# 5854
Delta R.T. -0.002 min
Lab File: BN023431.D
Acq: 25 Dec 2022 04:00

Instrument :

BNA_N

ClientSampleId :

DBYE9

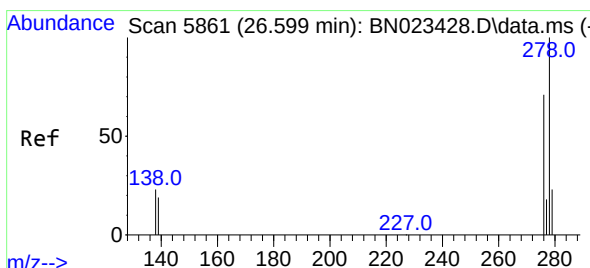
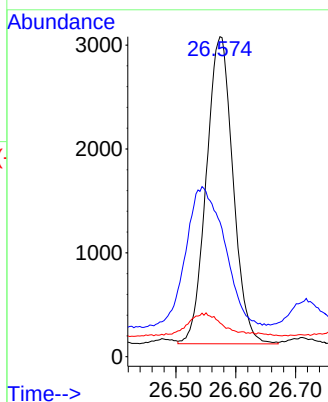
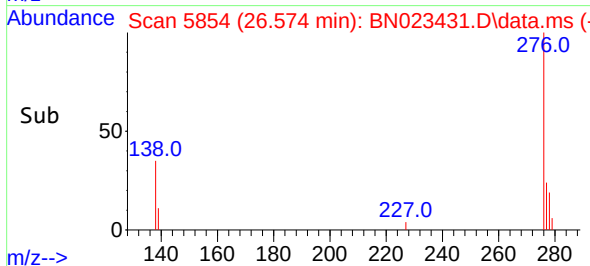


Tgt Ion:276 Resp: 9164
Ion Ratio Lower Upper
276 100
138 0.0 23.4 35.2#
227 0.0 0.0 0.0

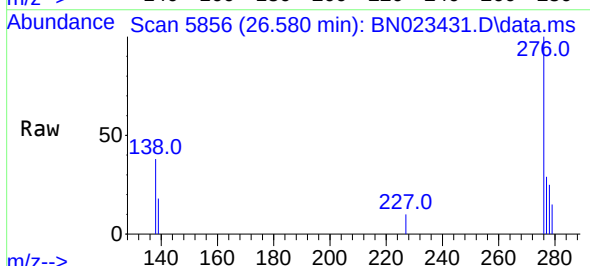
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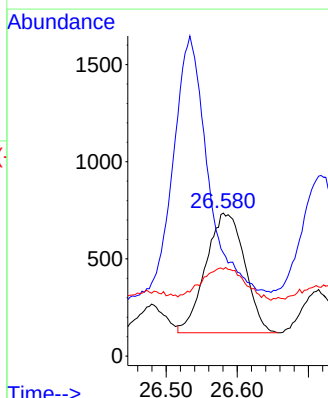
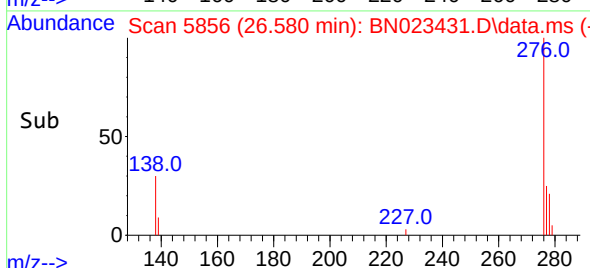
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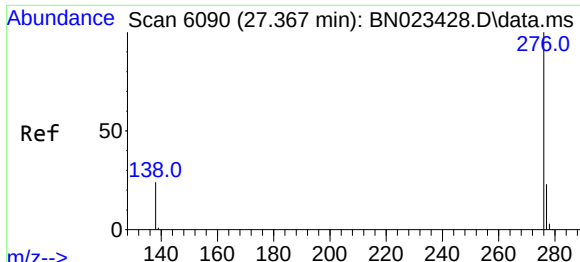


#28
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 26.580 min Scan# 5856
Delta R.T. -0.018 min
Lab File: BN023431.D
Acq: 25 Dec 2022 04:00



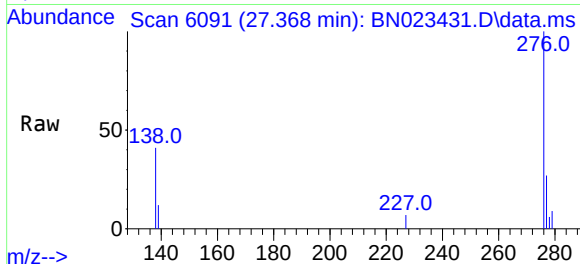
Tgt Ion:278 Resp: 2336
Ion Ratio Lower Upper
278 100
139 72.1 16.6 24.8#
279 60.7 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.150 ng/ul
 RT: 27.368 min Scan# 6091
 Delta R.T. 0.002 min
 Lab File: BN023431.D
 Acq: 25 Dec 2022 04:00

Instrument :
 BNA_N
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Tgt Ion: 276 Resp: 1029

Ion	Ratio	Lower	Upper
276	100		
138	41.5	20.3	30.5
277	27.1	19.7	29.5

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