

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023430.D
 Acq On : 25 Dec 2022 03:24
 Operator : CG/JU
 Sample : N6017-01
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYE8

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 05:25:06 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	7392	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	24000	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.636	164	14255	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	32381	0.400	ng/ul	0.00
17) Chrysene-d12	21.572	240	23517	0.400	ng/ul	0.00
23) Perylene-d12	24.019	264	17198	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	30189	3.759	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	9660	0.260	ng/ul	0.00
18) Fluoranthene-d10	19.416	212	22944	0.270	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.358	152	1288	0.020	ng/ul#	78
15) Phenanthrene	17.428	178	13539	0.128	ng/ul#	86
16) Anthracene	17.521	178	2070	0.024	ng/ul#	81
19) Fluoranthene	19.443	202	37701	0.330	ng/ul	96
20) Pyrene	19.811	202	29417m	0.256	ng/ul	
21) Benzo(a)anthracene	21.555	228	16780	0.183	ng/ul	97
22) Chrysene	21.607	228	19308	0.207	ng/ul	96
24) Benzo(b)fluoranthene	23.267	252	27501m	0.309	ng/ul	
25) Benzo(k)fluoranthene	23.314	252	9268m	0.111	ng/ul	
26) Benzo(a)pyrene	23.908	252	16647	0.236	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.570	276	13407	0.163	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.587	278	3374	0.053	ng/ul#	40
29) Benzo(g,h,i)perylene	27.365	276	13524	0.202	ng/ul#	86

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

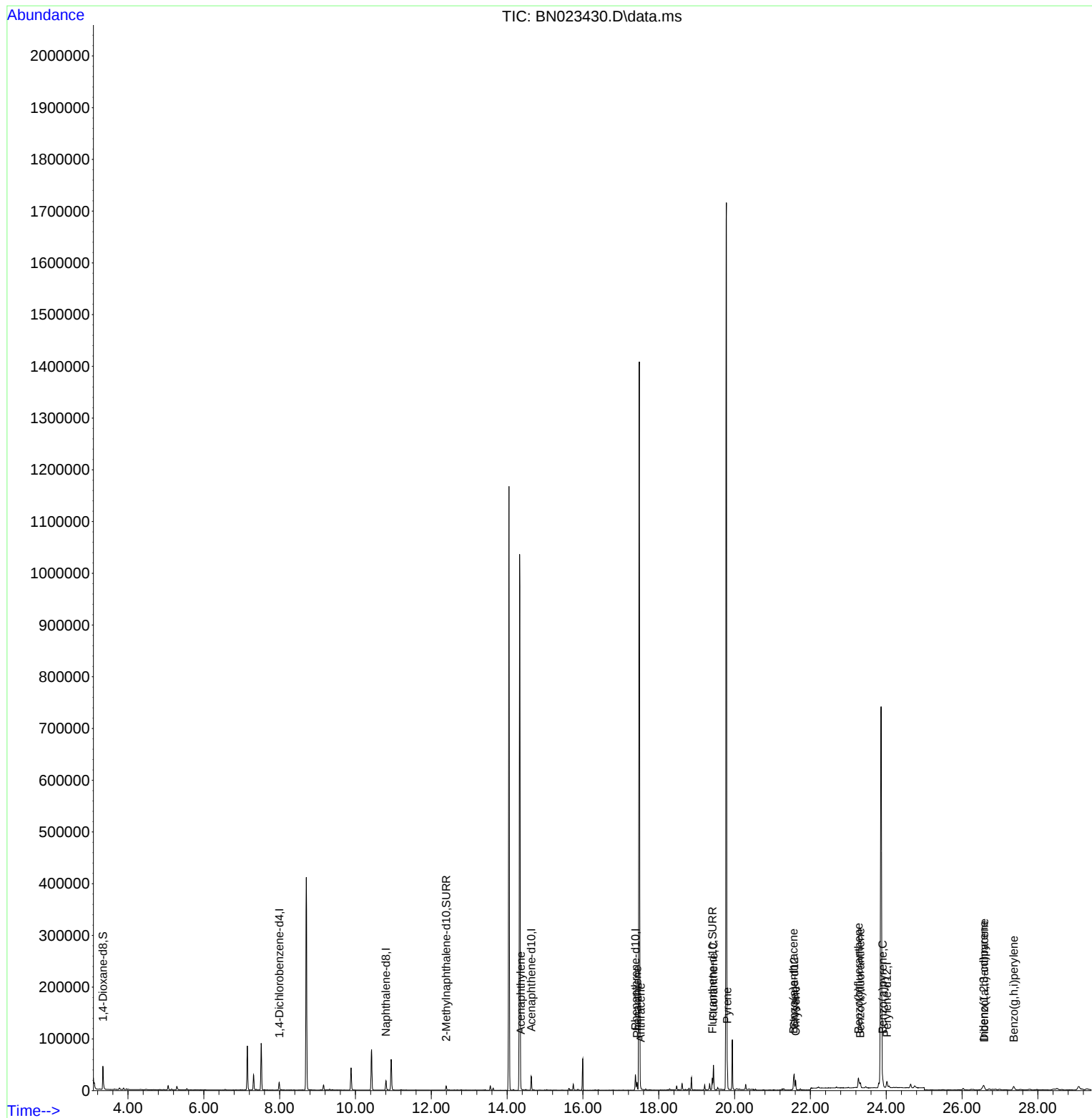
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023430.D
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Operator : CG/JU
Sample : N6017-01
Misc :
ALS Vial : 58 Sample Multiplier: 1

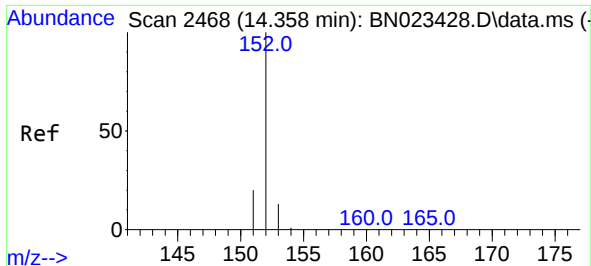
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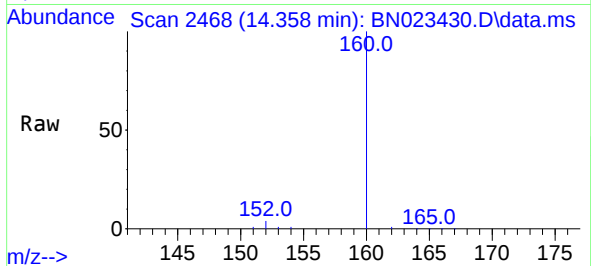
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 25 05:17:59 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.020 ng/ul
RT: 14.358 min Scan# 2468
Delta R.T. 0.000 min
Lab File: BN023430.D
Acq: 25 Dec 2022 03:24

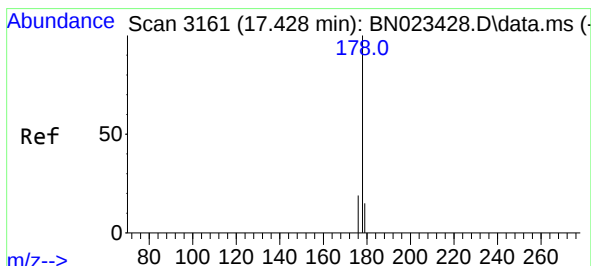
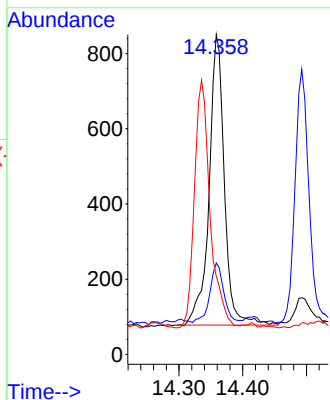
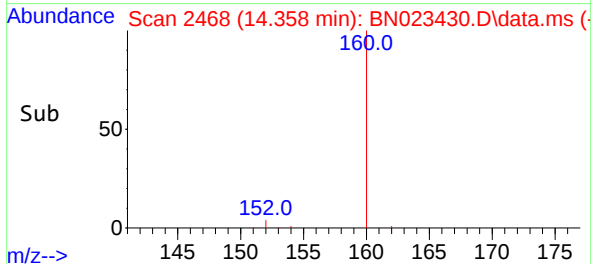
Instrument :
BNA_N
ClientSampleId :
DBYE8



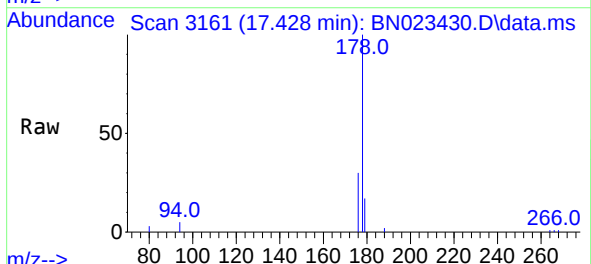
Tgt Ion:152 Resp: 1288
Ion Ratio Lower Upper
152 100
151 28.6 16.1 24.1
153 24.5 10.9 16.3

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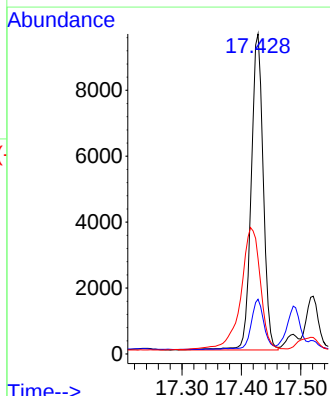
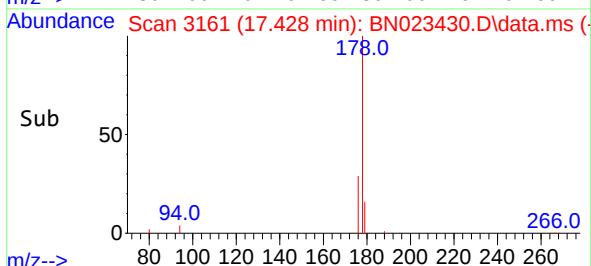
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

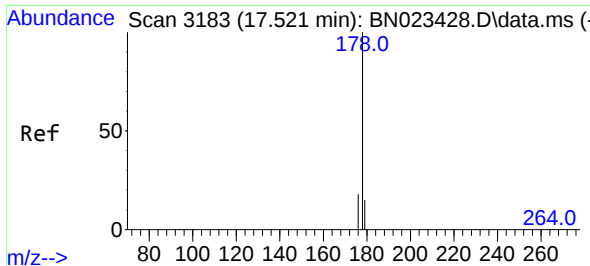


#15
Phenanthrene
Concen: 0.128 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BN023430.D
Acq: 25 Dec 2022 03:24



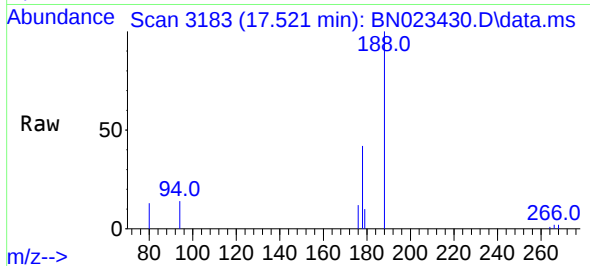
Tgt Ion:178 Resp: 13539
Ion Ratio Lower Upper
178 100
179 17.1 12.5 18.7
176 29.8 15.7 23.5





#16
 Anthracene
 Concen: 0.024 ng/ul
 RT: 17.521 min Scan# 3183
 Delta R.T. 0.000 min
 Lab File: BN023430.D
 Acq: 25 Dec 2022 03:24

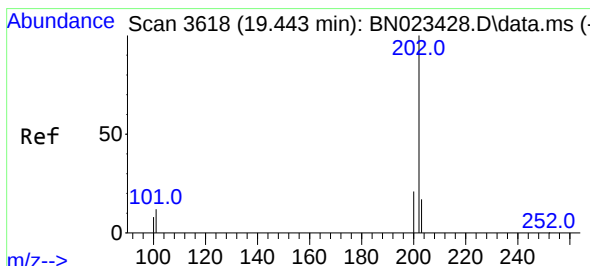
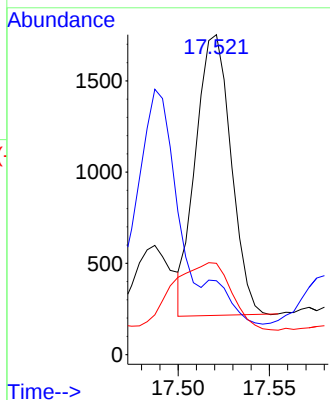
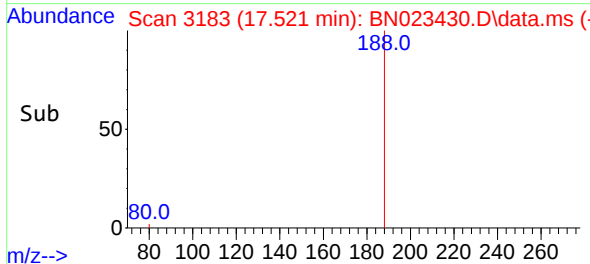
Instrument :
 BNA_N
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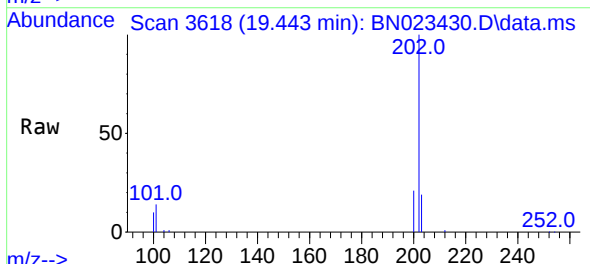
Tgt Ion:178 Resp: 2070
 Ion Ratio Lower Upper
 178 100
 179 23.1 12.6 18.8
 176 28.5 15.4 23.0

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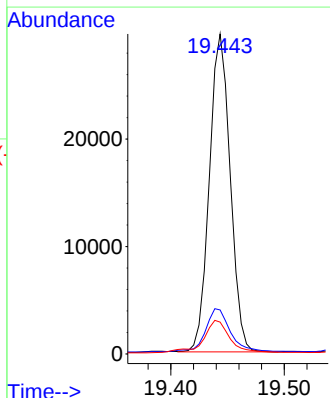
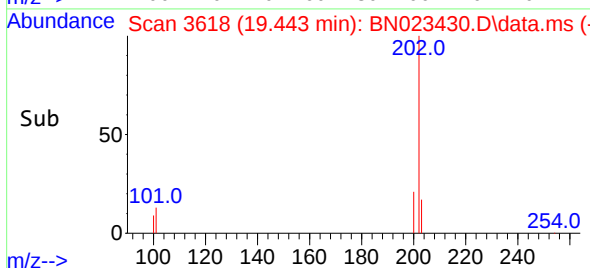
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

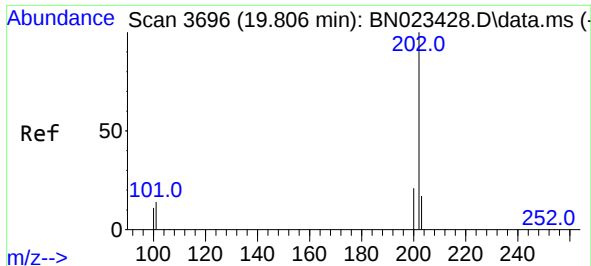


#19
 Fluoranthene
 Concen: 0.330 ng/ul
 RT: 19.443 min Scan# 3618
 Delta R.T. 0.000 min
 Lab File: BN023430.D
 Acq: 25 Dec 2022 03:24



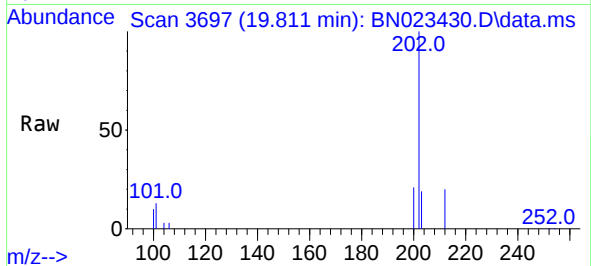
Tgt Ion:202 Resp: 37701
 Ion Ratio Lower Upper
 202 100
 101 13.8 9.4 14.2
 100 9.9 7.0 10.6





#20
Pyrene
Concen: 0.256 ng/ul m
RT: 19.811 min Scan# 3697
Delta R.T. 0.005 min
Lab File: BN023430.D
Acq: 25 Dec 2022 03:24

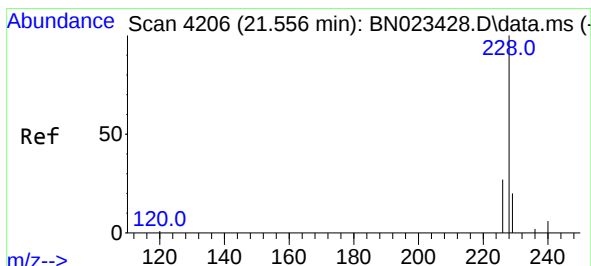
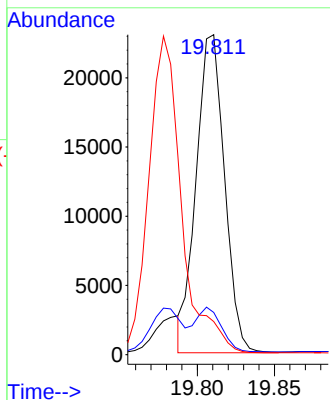
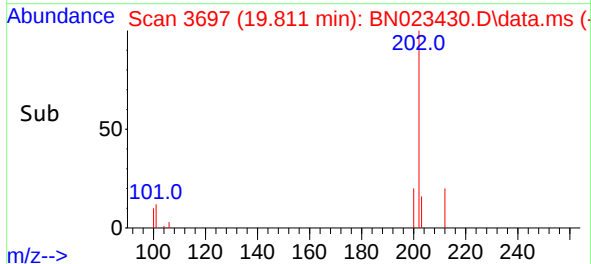
Instrument :
BNA_N
ClientSampleId :
DBYE8



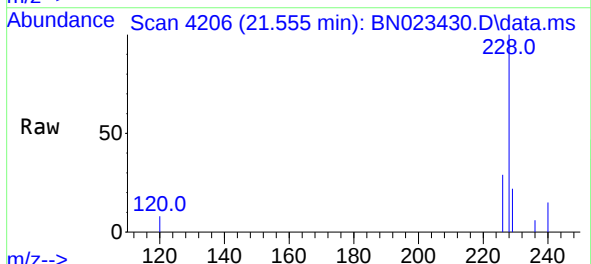
Tgt Ion:202 Resp: 2941
Ion Ratio Lower Upper
202 100
101 13.2 11.3 16.9
100 10.3 9.0 13.4

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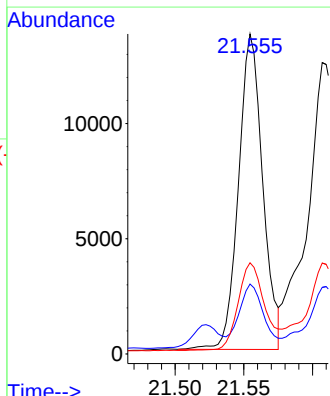
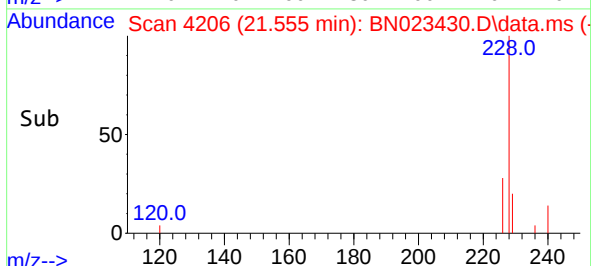
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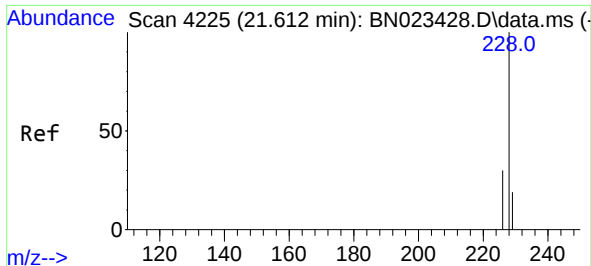


#21
Benzo(a)anthracene
Concen: 0.183 ng/ul
RT: 21.555 min Scan# 4206
Delta R.T. -0.002 min
Lab File: BN023430.D
Acq: 25 Dec 2022 03:24



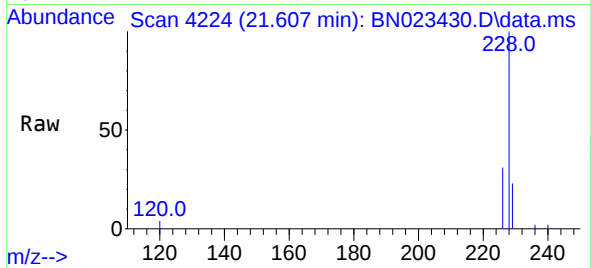
Tgt Ion:228 Resp: 16780
Ion Ratio Lower Upper
228 100
229 21.8 15.6 23.4
226 28.5 22.2 33.2





#22
Chrysene
Concen: 0.207 ng/ul
RT: 21.607 min Scan# 4224
Delta R.T. -0.005 min
Lab File: BN023430.D
Acq: 25 Dec 2022 03:24

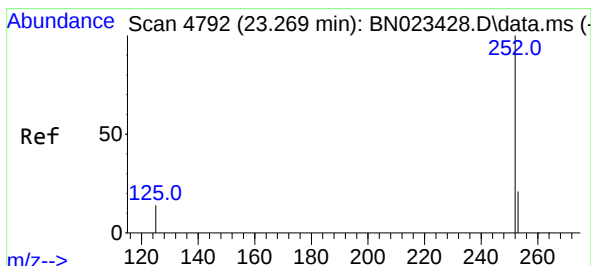
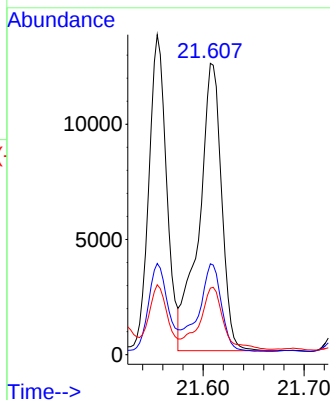
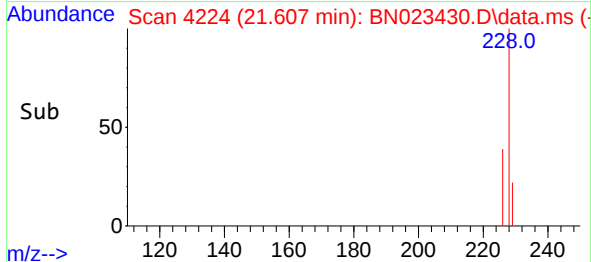
Instrument :
BNA_N
ClientSampleId :
DBYE8



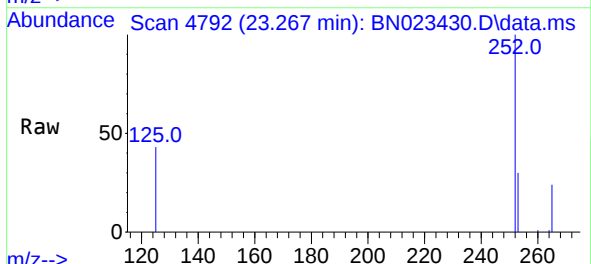
Tgt Ion:228 Resp: 19308
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 22.8 15.8 23.6

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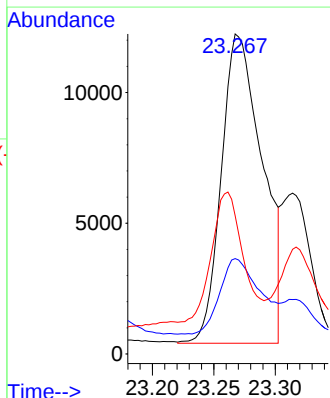
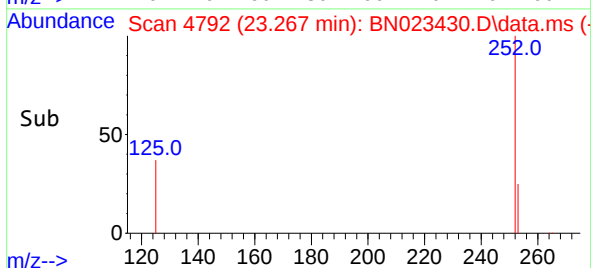
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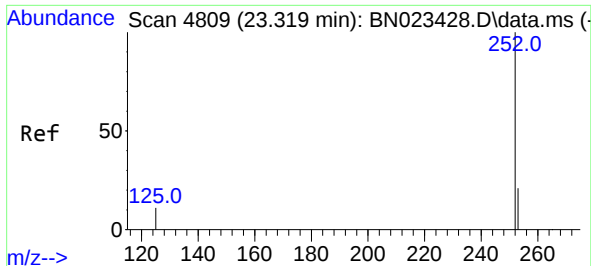


#24
Benzo(b)fluoranthene
Concen: 0.309 ng/ul m
RT: 23.267 min Scan# 4792
Delta R.T. -0.002 min
Lab File: BN023430.D
Acq: 25 Dec 2022 03:24



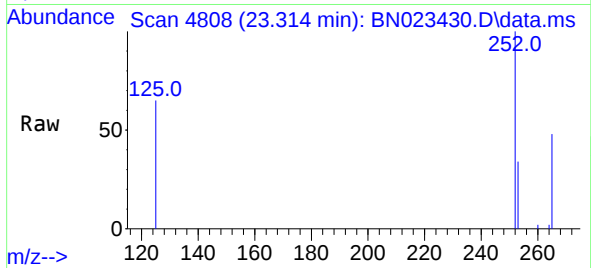
Tgt Ion:252 Resp: 27501
Ion Ratio Lower Upper
252 100
253 29.8 0.0 49.2
125 43.2 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.111 ng/ul m
RT: 23.314 min Scan# 4809
Delta R.T. -0.005 min
Lab File: BN023430.D
Acq: 25 Dec 2022 03:24

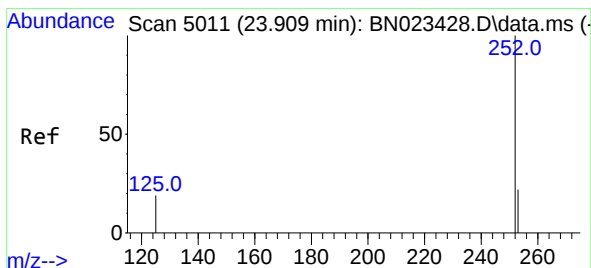
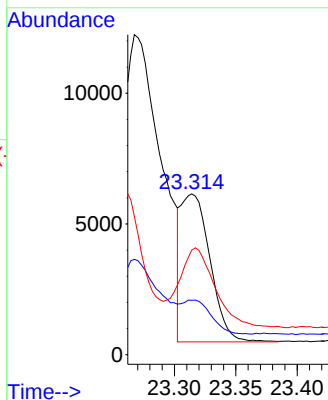
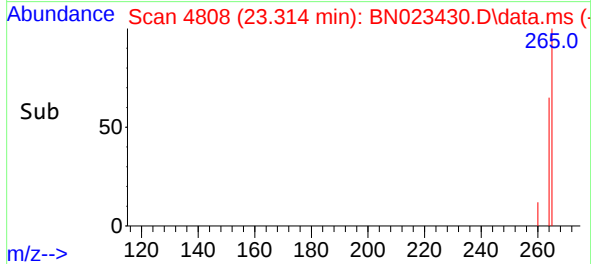
Instrument :
BNA_N
ClientSampleId :
DBYE8



Tgt Ion:252 Resp: 9268
Ion Ratio Lower Upper
252 100
253 33.8 19.8 29.6
125 65.0 12.6 18.8

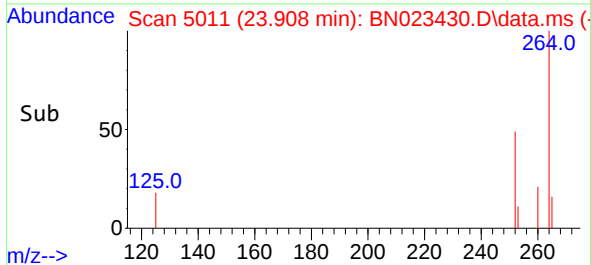
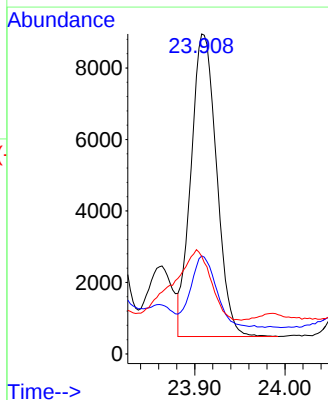
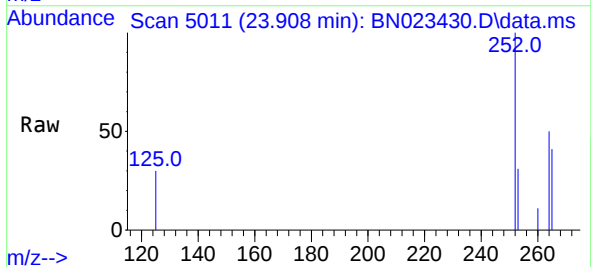
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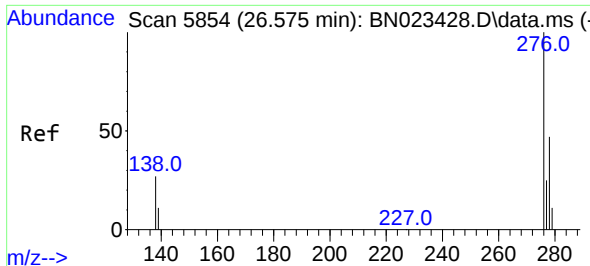
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#26
Benzo(a)pyrene
Concen: 0.236 ng/ul
RT: 23.908 min Scan# 5011
Delta R.T. -0.002 min
Lab File: BN023430.D
Acq: 25 Dec 2022 03:24

Tgt Ion:252 Resp: 16647
Ion Ratio Lower Upper
252 100
253 30.7 21.4 32.2
125 30.5 16.2 24.4





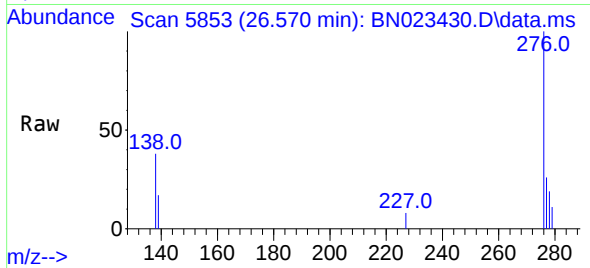
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.163 ng/ul
RT: 26.570 min Scan# 5854
Delta R.T. -0.005 min
Lab File: BN023430.D
Acq: 25 Dec 2022 03:24

Instrument :

BNA_N

ClientSampleId :

DBYE8

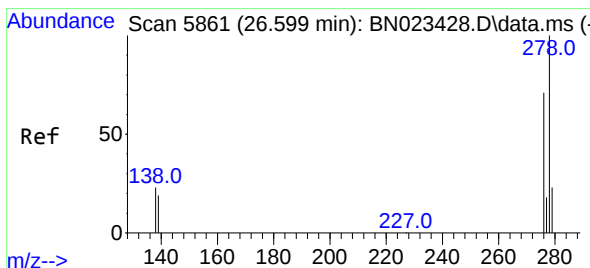
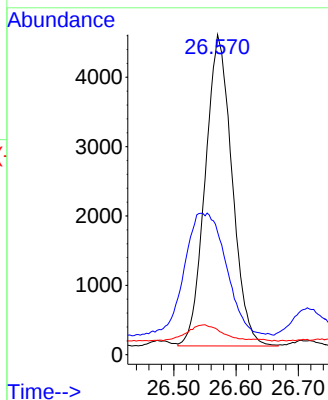
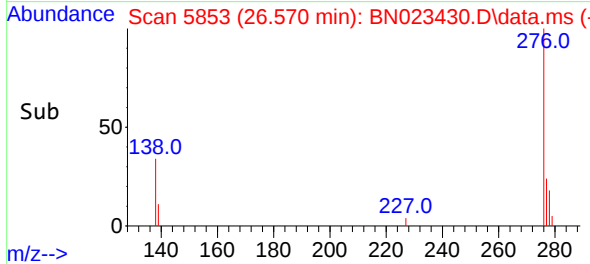


Tgt Ion:276 Resp: 1340
Ion Ratio Lower Upper
276 100
138 0.0 23.4 35.2#
227 0.0 0.0 0.0

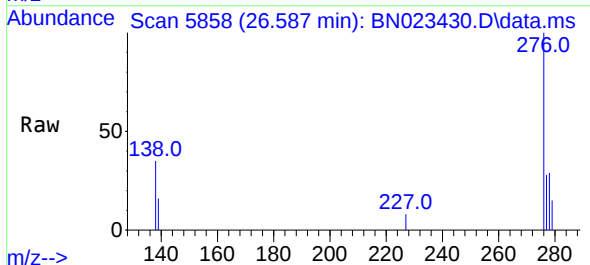
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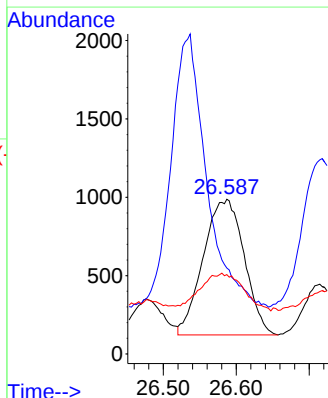
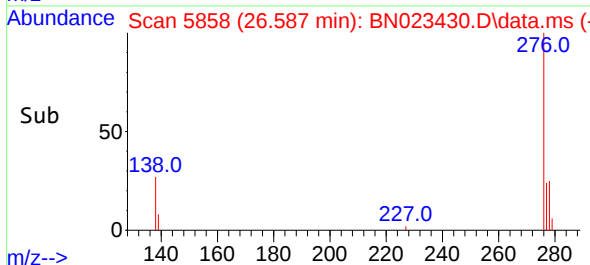
Reviewed By :Jagrut Upadhyay 12/25/2022
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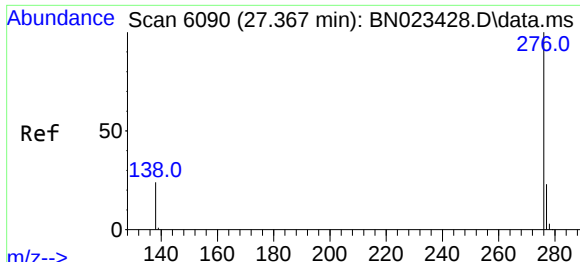


#28
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 26.587 min Scan# 5858
Delta R.T. -0.012 min
Lab File: BN023430.D
Acq: 25 Dec 2022 03:24



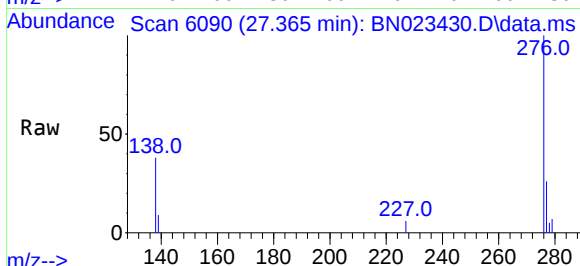
Tgt Ion:278 Resp: 3374
Ion Ratio Lower Upper
278 100
139 55.5 16.6 24.8#
279 51.4 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.202 ng/ul
 RT: 27.365 min Scan# 6090
 Delta R.T. -0.002 min
 Lab File: BN023430.D
 Acq: 25 Dec 2022 03:24

Instrument :
 BNA_N
 ClientSampleId :
 DBYE8



Tgt Ion: 276 Resp: 13524

Ion	Ratio	Lower	Upper
276	100		
138	37.7	20.3	30.5
277	26.3	19.7	29.5

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