

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023365.D
 Acq On : 23 Dec 2022 09:09
 Operator : CG/JU
 Sample : N6008-16
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXX8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/24/2022
 Supervised By :Jagrut Upadhyay 12/24/2022

Quant Time: Dec 23 22:21:13 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	7.994	152	7803	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	25568	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	15617	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	38230	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	29667	0.400	ng/ul	0.00
23) Perylene-d12	24.033	264	24068	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	12044	1.421	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	14564	0.368	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	40266	0.375	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.363	152	2430	0.035	ng/ul#	83
15) Phenanthrene	17.432	178	16944	0.136	ng/ul	97
16) Anthracene	17.525	178	2412	0.023	ng/ul#	83
19) Fluoranthene	19.448	202	49781	0.346	ng/ul	96
20) Pyrene	19.815	202	36725m	0.253	ng/ul	
21) Benzo(a)anthracene	21.566	228	21325	0.185	ng/ul	97
22) Chrysene	21.619	228	26530	0.226	ng/ul	97
24) Benzo(b)fluoranthene	23.285	252	37895m	0.304	ng/ul	
25) Benzo(k)fluoranthene	23.329	252	11992m	0.103	ng/ul	
26) Benzo(a)pyrene	23.928	252	21289	0.216	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.590	276	15654	0.136	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.604	278	3900	0.044	ng/ul#	46
29) Benzo(g,h,i)perylene	27.389	276	15083	0.161	ng/ul	94

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

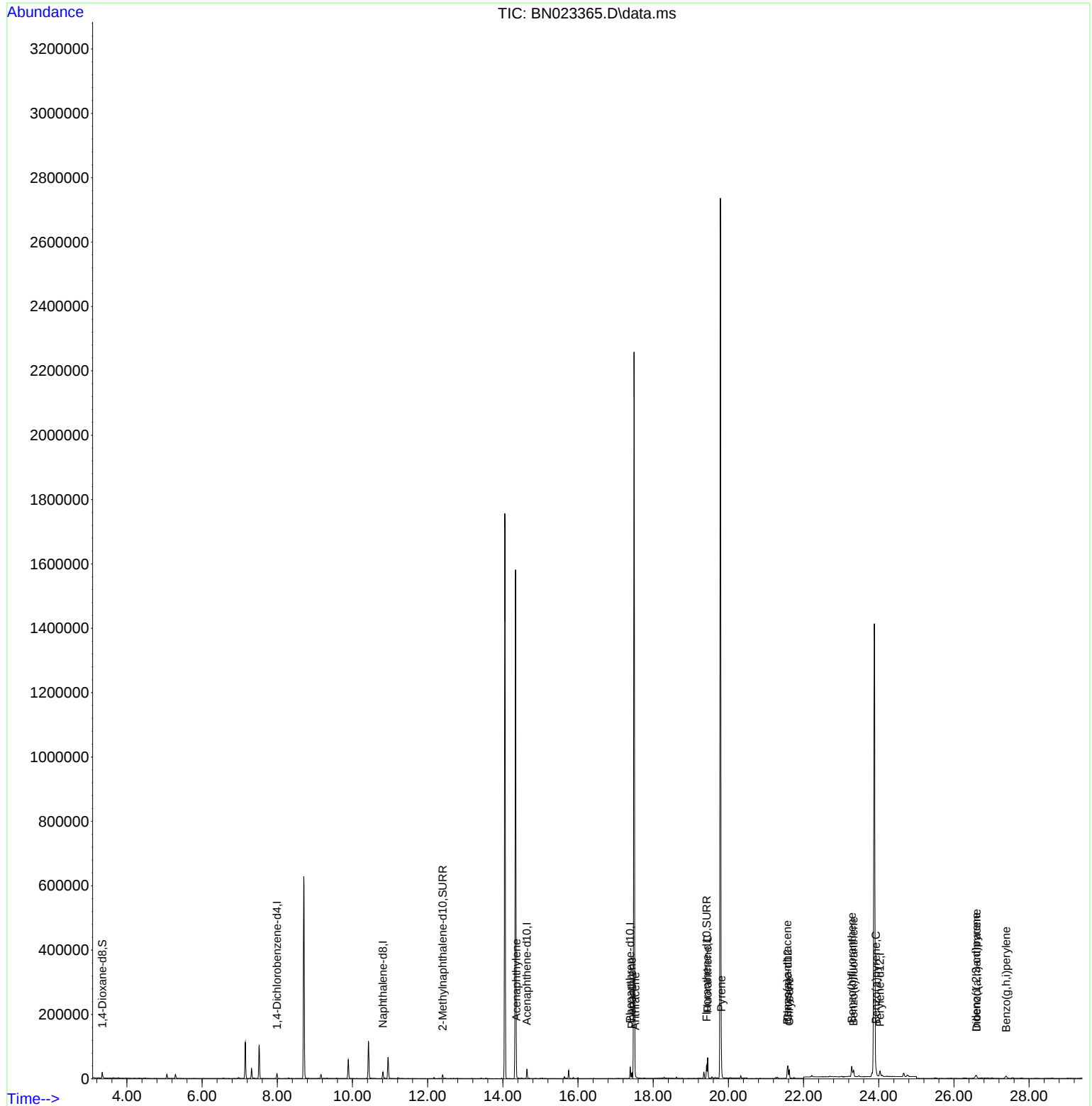
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023365.D
Acq On : 23 Dec 2022 09:09
Operator : CG/JU
Sample : N6008-16
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ALS Vial : 35 Sample Multiplier: 1

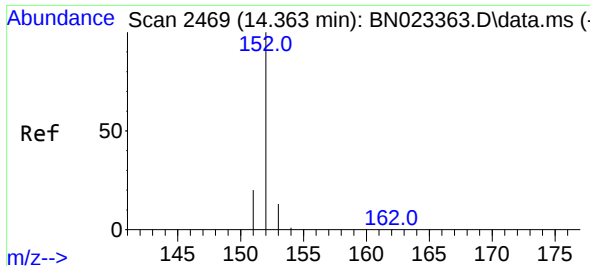
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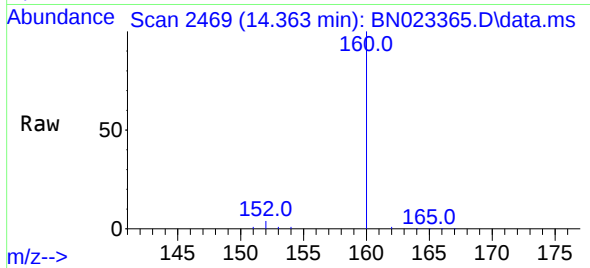
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
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#10
Acenaphthylene
Concen: 0.035 ng/u1
RT: 14.363 min Scan# 2469
Delta R.T. -0.005 min
Lab File: BN023365.D
Acq: 23 Dec 2022 09:09

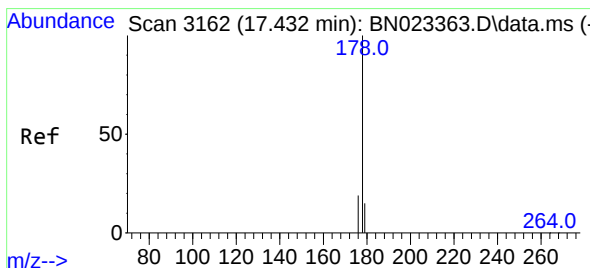
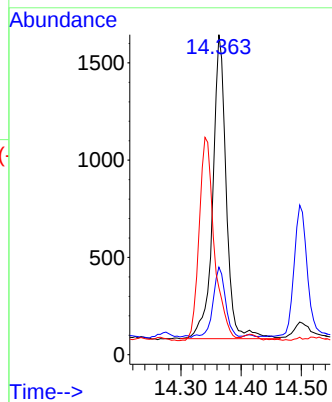
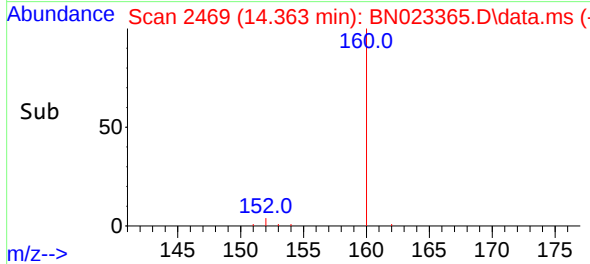
Instrument :
BNA_N
ClientSampleId :
DBXX8



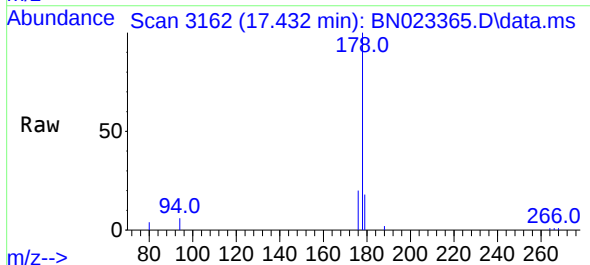
Tgt Ion:152 Resp: 2430
Ion Ratio Lower Upper
152 100
151 27.4 16.1 24.1
153 21.0 10.9 16.3

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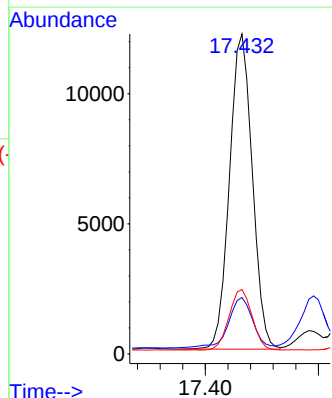
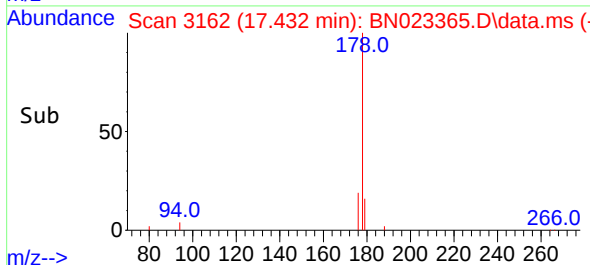
Reviewed By :Yogesh Patel 12/24/2022
Supervised By :Jagrut Upadhyay 12/24/2022

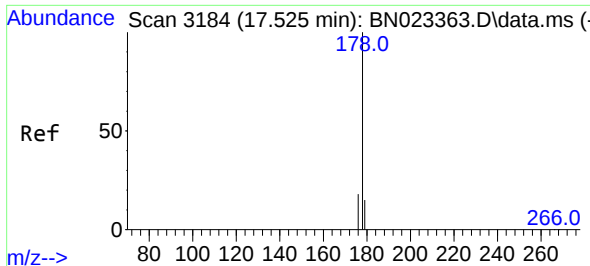


#15
Phenanthrene
Concen: 0.136 ng/u1
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023365.D
Acq: 23 Dec 2022 09:09



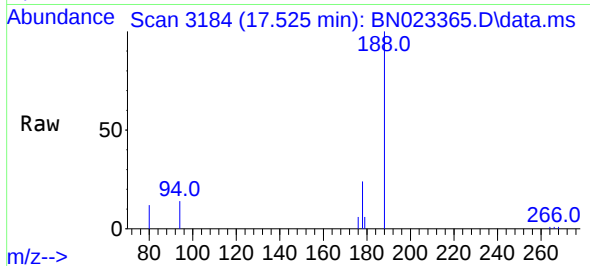
Tgt Ion:178 Resp: 16944
Ion Ratio Lower Upper
178 100
179 17.7 12.5 18.7
176 20.2 15.7 23.5





#16
 Anthracene
 Concen: 0.023 ng/ul
 RT: 17.525 min Scan# 3184
 Delta R.T. -0.001 min
 Lab File: BN023365.D
 Acq: 23 Dec 2022 09:09

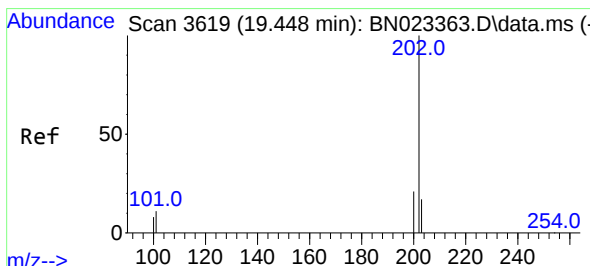
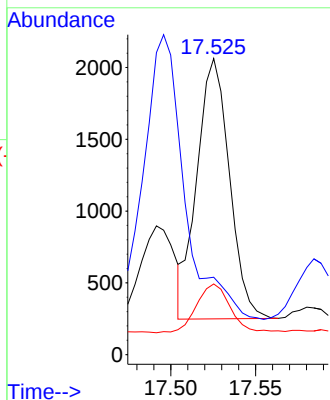
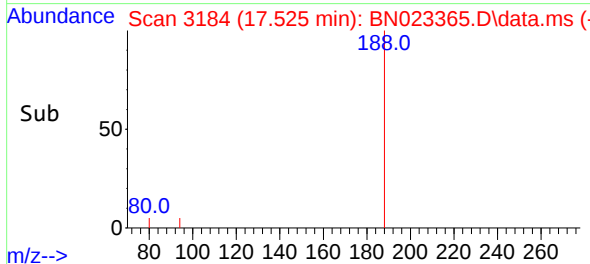
Instrument :
 BNA_N
 ClientSampleId :
 DBXX8



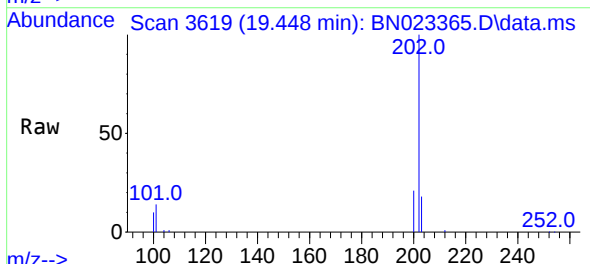
Tgt Ion:178 Resp: 2412
 Ion Ratio Lower Upper
 178 100
 179 26.1 12.6 18.8
 176 23.9 15.4 23.0

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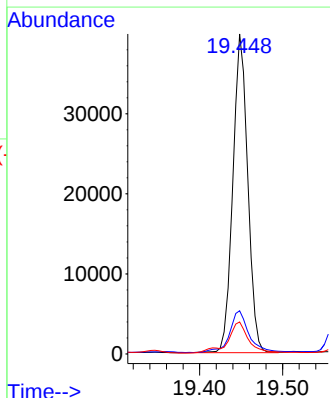
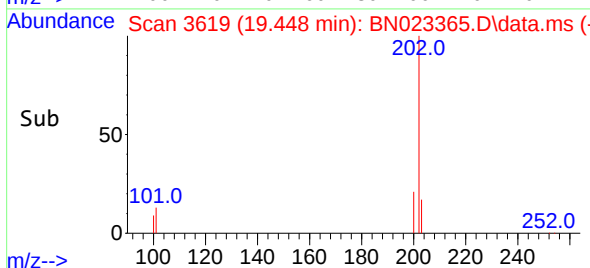
Reviewed By :Yogesh Patel 12/24/2022
 Supervised By :Jagrut Upadhyay 12/24/2022

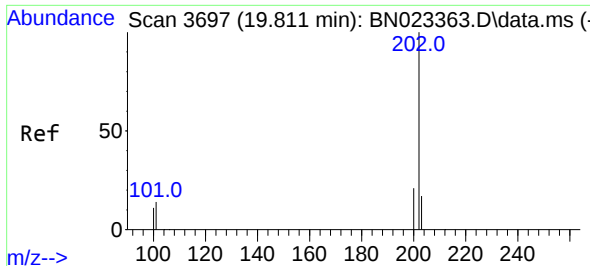


#19
 Fluoranthene
 Concen: 0.346 ng/ul
 RT: 19.448 min Scan# 3619
 Delta R.T. -0.001 min
 Lab File: BN023365.D
 Acq: 23 Dec 2022 09:09



Tgt Ion:202 Resp: 49781
 Ion Ratio Lower Upper
 202 100
 101 13.5 9.4 14.2
 100 10.0 7.0 10.6





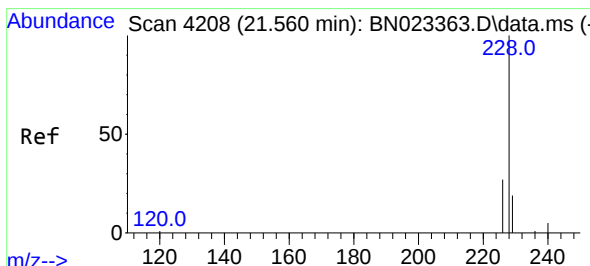
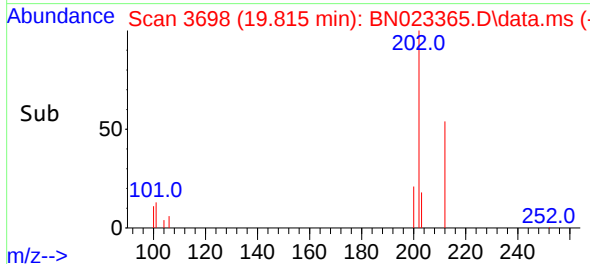
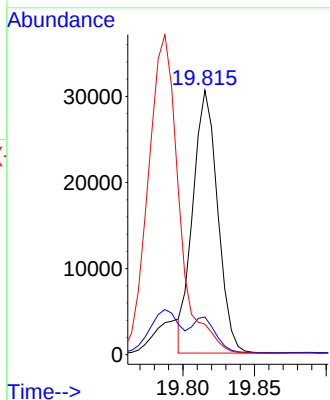
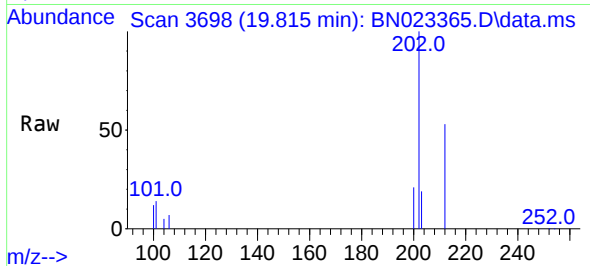
#20
Pyrene
Concen: 0.253 ng/ul m
RT: 19.815 min Scan# 3672
Delta R.T. 0.004 min
Lab File: BN023365.D
Acq: 23 Dec 2022 09:09

Instrument :
BNA_N
ClientSampleId :
DBXX8

Tgt Ion:202 Resp: 3672
Ion Ratio Lower Upper
202 100
101 14.2 11.3 16.9
100 11.5 9.0 13.4

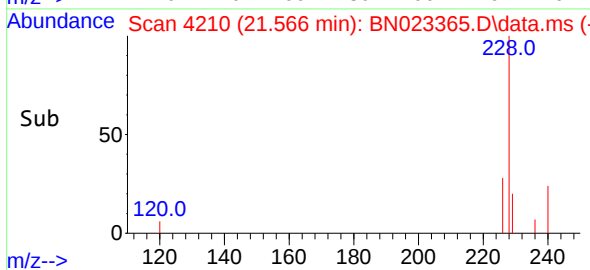
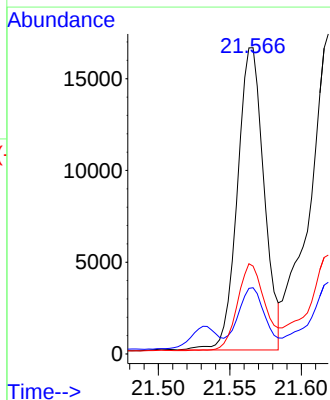
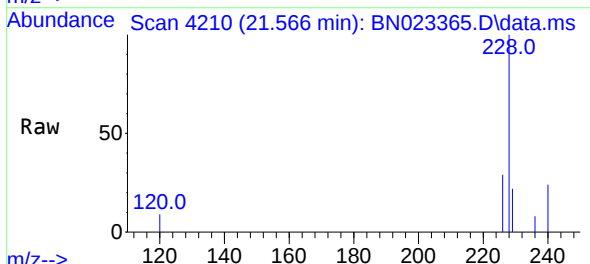
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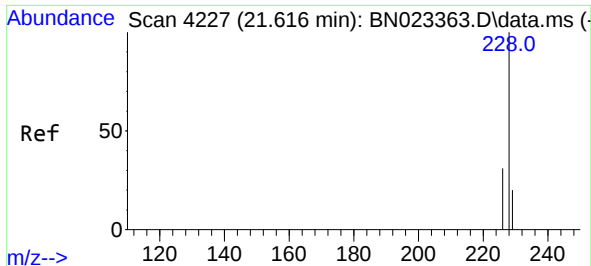
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Supervised By :Jagrut Upadhyay 12/24/2022



#21
Benzo(a)anthracene
Concen: 0.185 ng/ul
RT: 21.566 min Scan# 4210
Delta R.T. 0.005 min
Lab File: BN023365.D
Acq: 23 Dec 2022 09:09

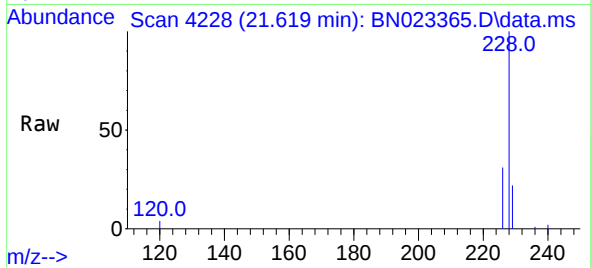
Tgt Ion:228 Resp: 21325
Ion Ratio Lower Upper
228 100
229 21.6 15.6 23.4
226 28.7 22.2 33.2





#22
Chrysene
Concen: 0.226 ng/ul
RT: 21.619 min Scan# 4228
Delta R.T. 0.002 min
Lab File: BN023365.D
Acq: 23 Dec 2022 09:09

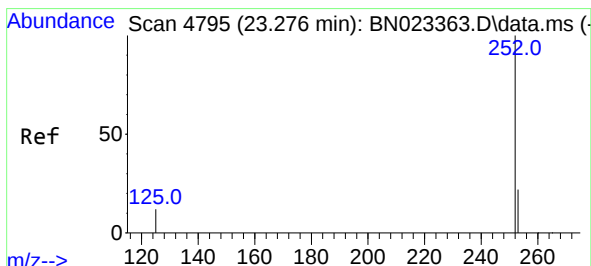
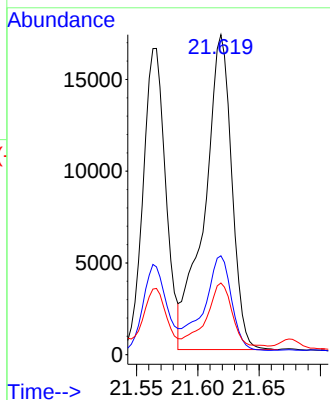
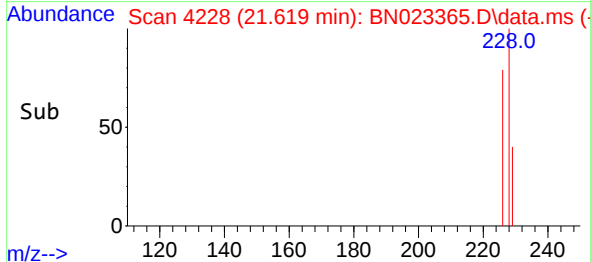
Instrument :
BNA_N
ClientSampleId :
DBXX8



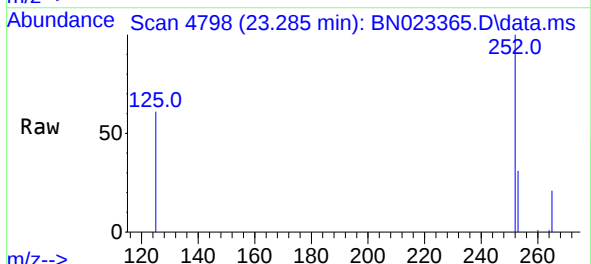
Tgt Ion:228 Resp: 26530
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 22.4 15.8 23.6

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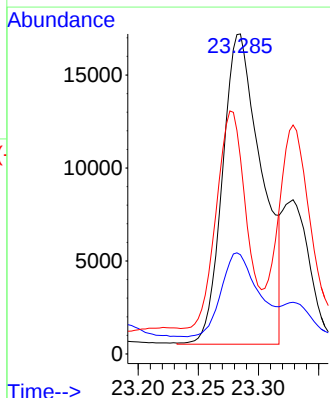
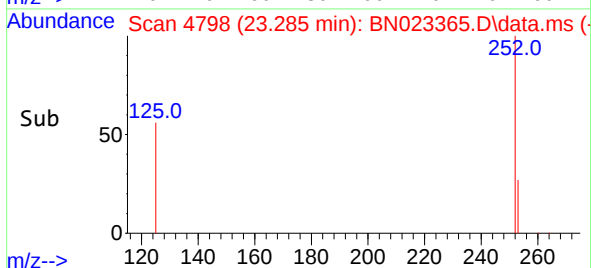
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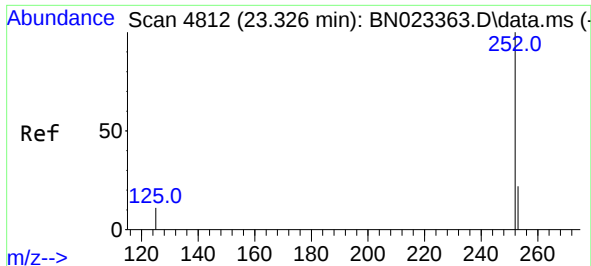


#24
Benzo(b)fluoranthene
Concen: 0.304 ng/ul m
RT: 23.285 min Scan# 4798
Delta R.T. 0.011 min
Lab File: BN023365.D
Acq: 23 Dec 2022 09:09



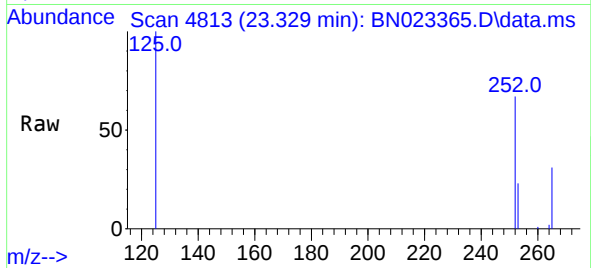
Tgt Ion:252 Resp: 37895
Ion Ratio Lower Upper
252 100
253 31.0 0.0 49.2
125 61.2 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.103 ng/ul m
RT: 23.329 min Scan# 4812
Delta R.T. 0.005 min
Lab File: BN023365.D
Acq: 23 Dec 2022 09:09

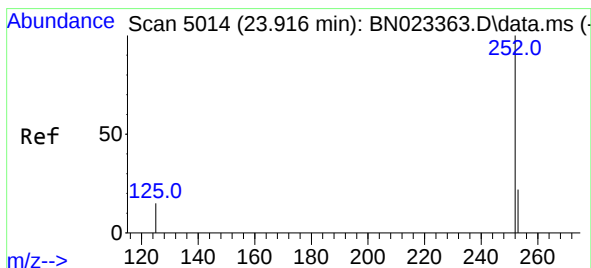
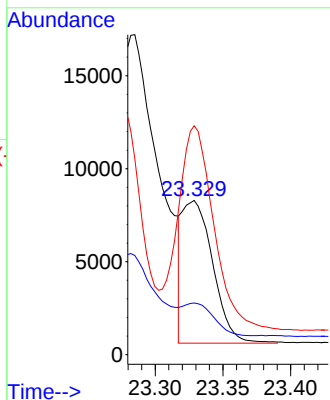
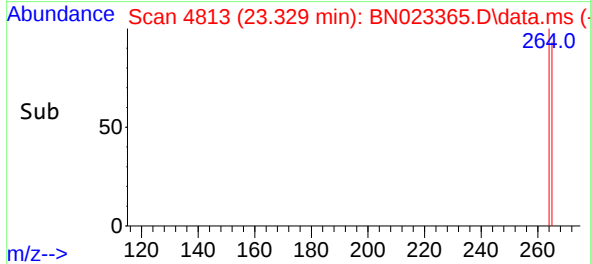
Instrument :
BNA_N
ClientSampleId :
DBXX8



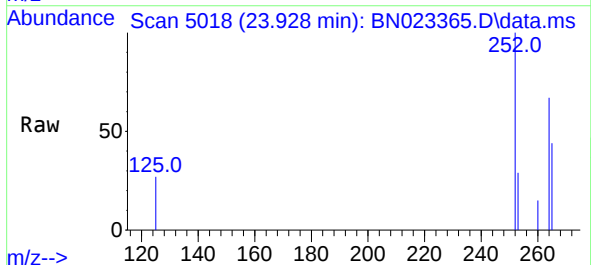
Tgt Ion:252 Resp: 11992
Ion Ratio Lower Upper
252 100
253 33.5 19.8 29.6
125 148.5 12.6 18.8

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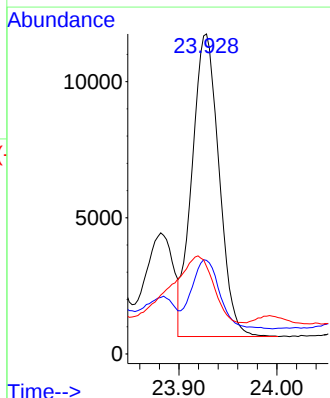
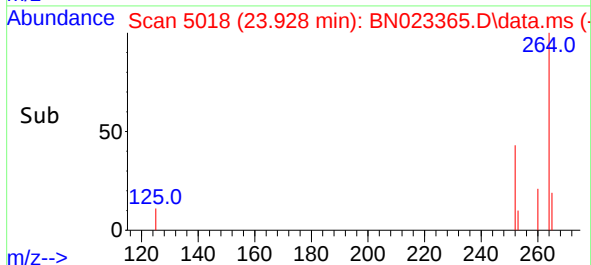
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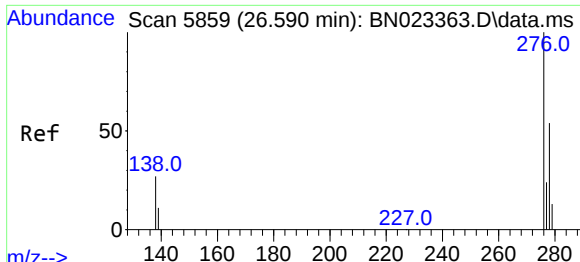


#26
Benzo(a)pyrene
Concen: 0.216 ng/ul
RT: 23.928 min Scan# 5018
Delta R.T. 0.014 min
Lab File: BN023365.D
Acq: 23 Dec 2022 09:09



Tgt Ion:252 Resp: 21289
Ion Ratio Lower Upper
252 100
253 29.2 21.4 32.2
125 27.3 16.2 24.4





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.136 ng/ul

RT: 26.590 min Scan# 5859

Delta R.T. 0.013 min

Lab File: BN023365.D

Acq: 23 Dec 2022 09:09

Instrument :

BNA_N

ClientSampleId :

DBXX8

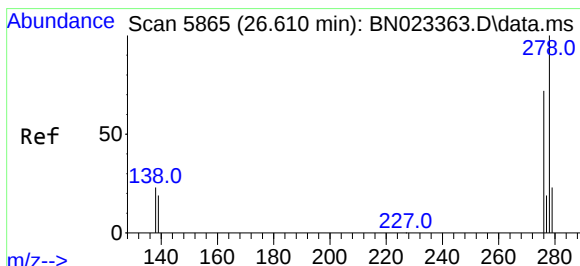
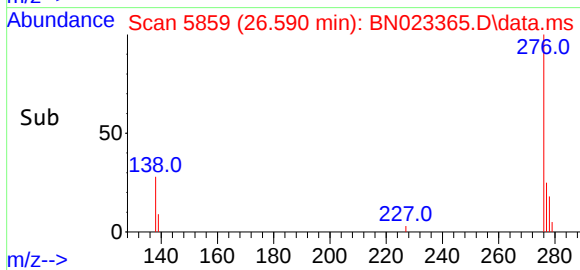
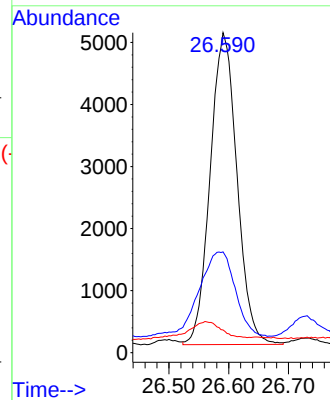
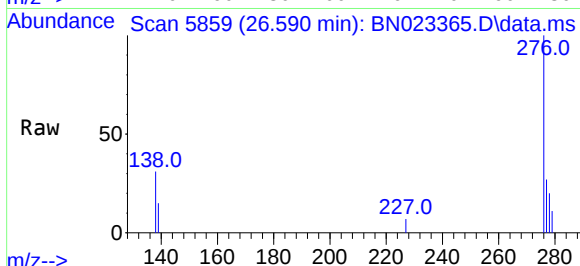
Tgt Ion:	276	Resp:	15654
Ion Ratio	Lower	Upper	
276	100		
138	37.2	23.4	35.2#
227	0.0	0.0	0.0

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#28

Dibenzo(a,h)anthracene

Concen: 0.044 ng/ul

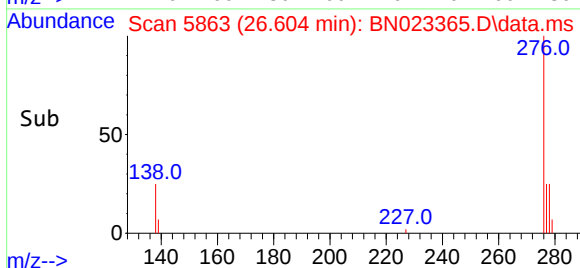
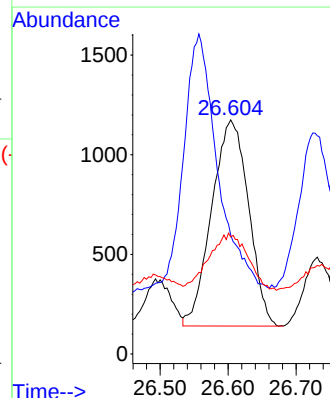
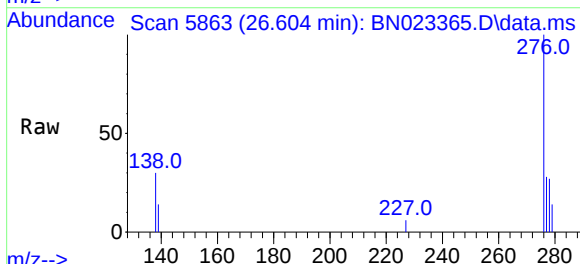
RT: 26.604 min Scan# 5863

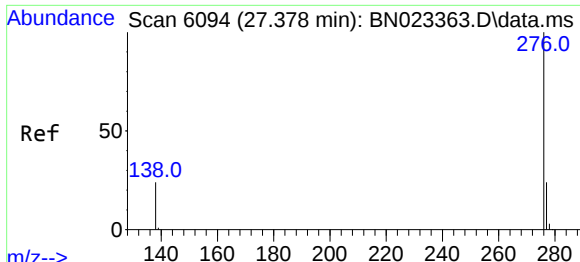
Delta R.T. 0.003 min

Lab File: BN023365.D

Acq: 23 Dec 2022 09:09

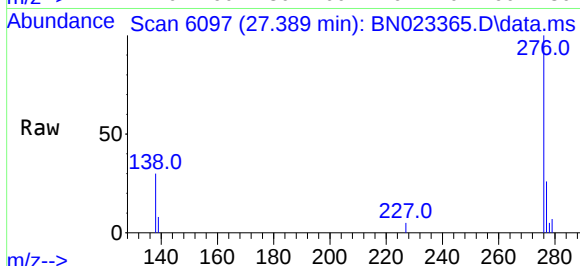
Tgt Ion:	278	Resp:	3900
Ion Ratio	Lower	Upper	
278	100		
139	50.8	16.6	24.8#
279	50.0	21.3	31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.161 ng/ul
 RT: 27.389 min Scan# 6097
 Delta R.T. 0.019 min
 Lab File: BN023365.D
 Acq: 23 Dec 2022 09:09

Instrument : BNA_N
 ClientSampleId : DBXX8



Tgt Ion: 276 Resp: 1508

Ion	Ratio	Lower	Upper
276	100		
138	29.8	20.3	30.5
277	26.4	19.7	29.5

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