

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
 Data File : BN023402.D
 Acq On : 24 Dec 2022 10:03
 Operator : CG/JU
 Sample : N6015-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXU3

Manual Integrations
 APPROVED

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

Quant Time: Dec 24 23:17:36 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	7303	0.400	ng/ul	0.00
4) Naphthalene-d8	10.810	136	24548	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.641	164	14909	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.386	188	34466	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	22444	0.400	ng/ul	# 0.00
23) Perylene-d12	24.031	264	16456	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	38269	4.823	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.394	152	12984	0.342	ng/ul	-0.01
18) Fluoranthene-d10	19.416	212	29626	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.859	128	1474	0.020	ng/ul#	81
15) Phenanthrene	17.428	178	13331	0.119	ng/ul#	85
16) Anthracene	17.521	178	2278	0.024	ng/ul#	83
19) Fluoranthene	19.448	202	35632	0.327	ng/ul#	91
20) Pyrene	19.815	202	26653m	0.243	ng/ul	
21) Benzo(a)anthracene	21.563	228	15811	0.181	ng/ul#	93
22) Chrysene	21.619	228	19917	0.224	ng/ul#	86
24) Benzo(b)fluoranthene	23.279	252	30527m	0.359	ng/ul	
25) Benzo(k)fluoranthene	23.326	252	9639m	0.121	ng/ul	
26) Benzo(a)pyrene	23.922	252	17986	0.267	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.584	276	14751	0.188	ng/ul#	45
28) Dibenzo(a,h)anthracene	26.604	278	3669	0.060	ng/ul#	25
29) Benzo(g,h,i)perylene	27.382	276	14621	0.228	ng/ul#	50

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

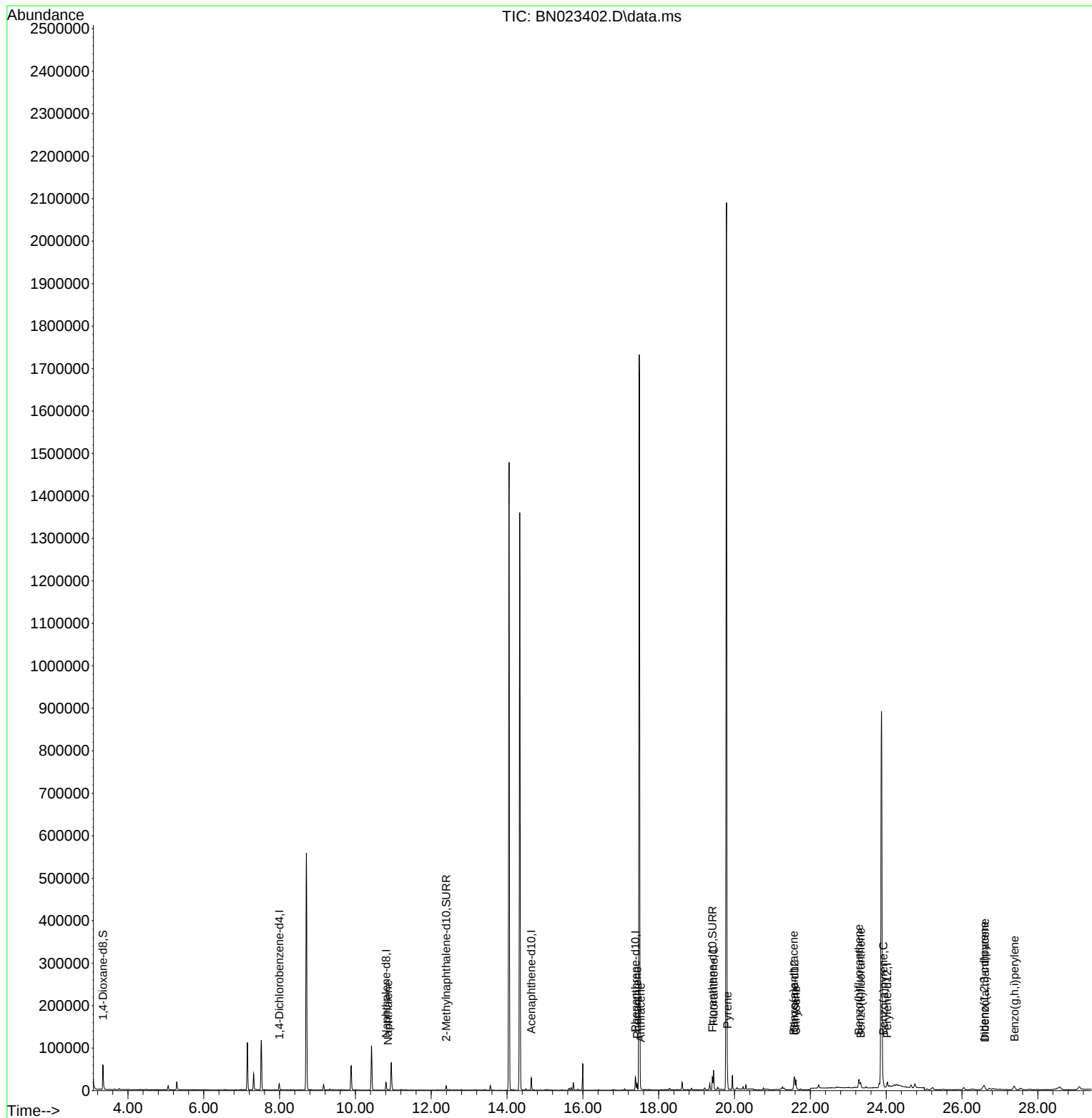
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122422\
Data File : BN023402.D
Acq On : 24 Dec 2022 10:03
Operator : CG/JU
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Misc :
ALS Vial : 29 Sample Multiplier: 1

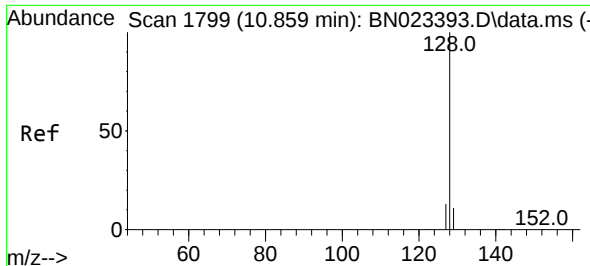
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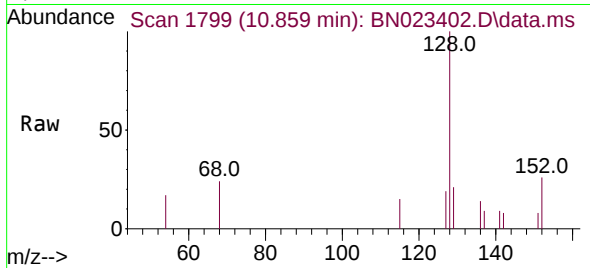
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
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#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.859 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BN023402.D
Acq: 24 Dec 2022 10:03

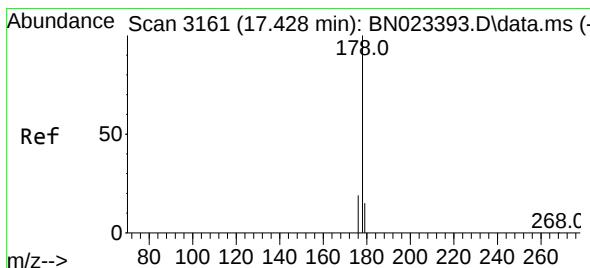
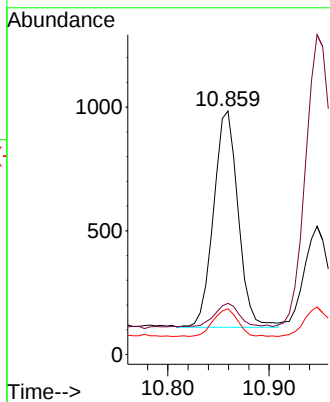
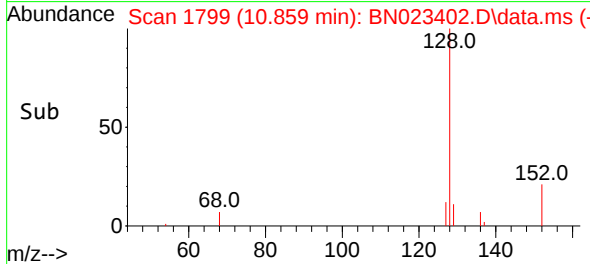
Instrument :
BNA_N
ClientSampleId :
DBXU3



Tgt Ion:	128	Resp:	1474
Ion Ratio	Lower	Upper	
128	100		
129	21.0	9.0	13.4#
127	18.8	10.7	16.1#

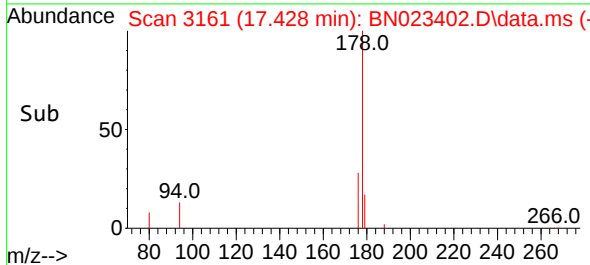
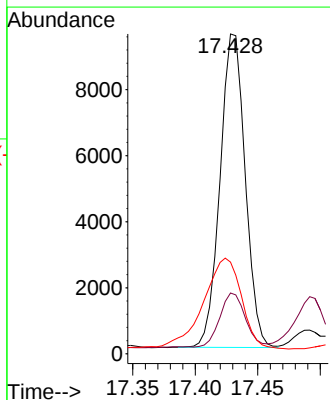
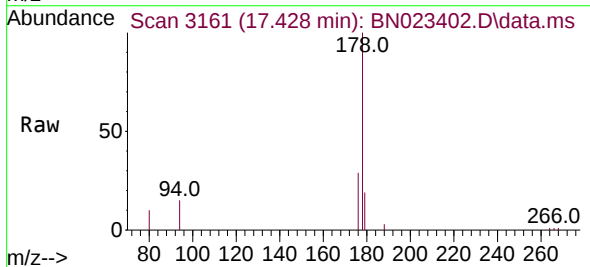
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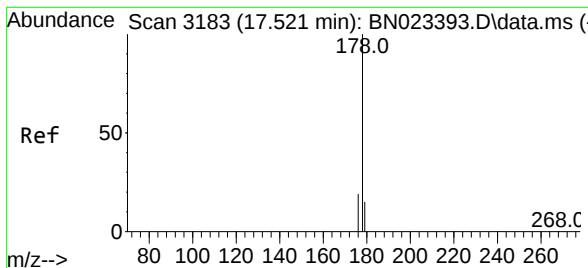
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#15
Phenanthrene
Concen: 0.119 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.005 min
Lab File: BN023402.D
Acq: 24 Dec 2022 10:03

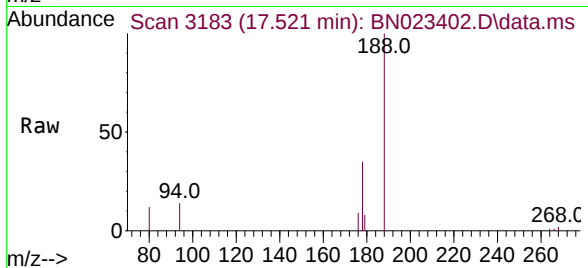
Tgt Ion:	178	Resp:	13331
Ion Ratio	Lower	Upper	
178	100		
179	19.0	12.5	18.7#
176	28.7	15.7	23.5#





#16
 Anthracene
 Concen: 0.024 ng/ul
 RT: 17.521 min Scan# 3183
 Delta R.T. -0.005 min
 Lab File: BN023402.D
 Acq: 24 Dec 2022 10:03

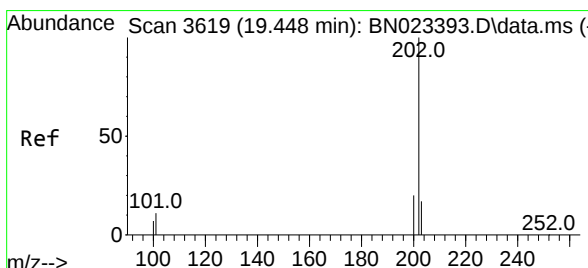
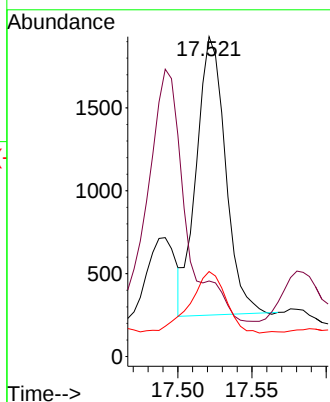
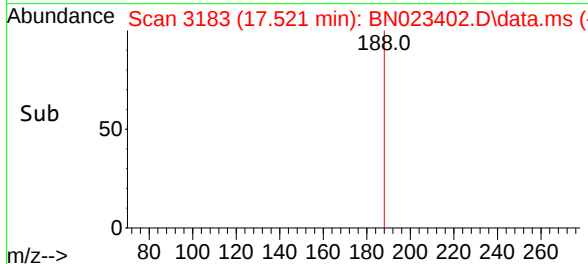
Instrument :
 BNA_N
 ClientSampleId :
 DBXU3



Tgt Ion:178 Resp: 2278
 Ion Ratio Lower Upper
 178 100
 179 23.6 12.6 18.8#
 176 26.6 15.4 23.0#

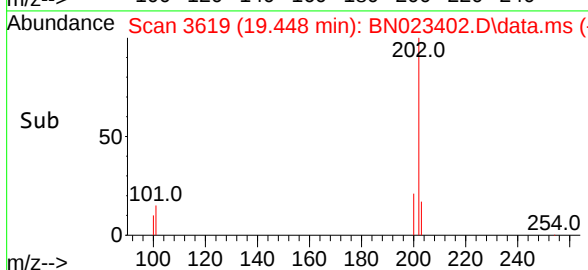
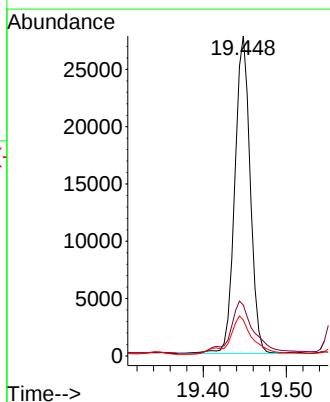
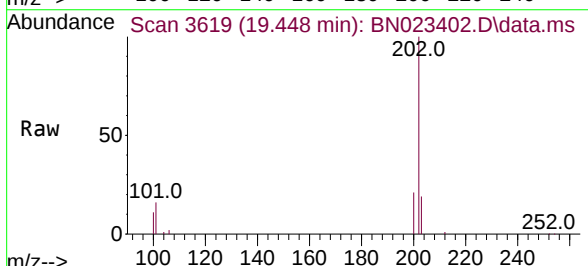
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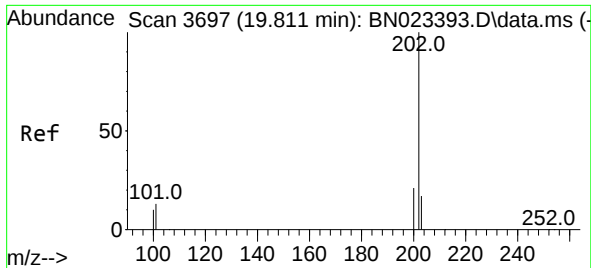
Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022



#19
 Fluoranthene
 Concen: 0.327 ng/ul
 RT: 19.448 min Scan# 3619
 Delta R.T. -0.001 min
 Lab File: BN023402.D
 Acq: 24 Dec 2022 10:03

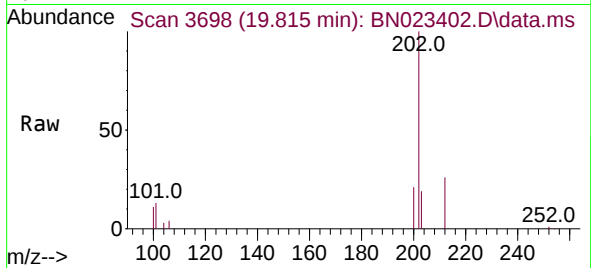
Tgt Ion:202 Resp: 35632
 Ion Ratio Lower Upper
 202 100
 101 15.9 9.4 14.2#
 100 11.2 7.0 10.6#





#20
Pyrene
Concen: 0.243 ng/ul m
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023402.D
Acq: 24 Dec 2022 10:03

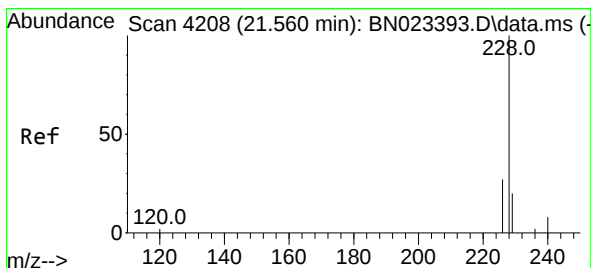
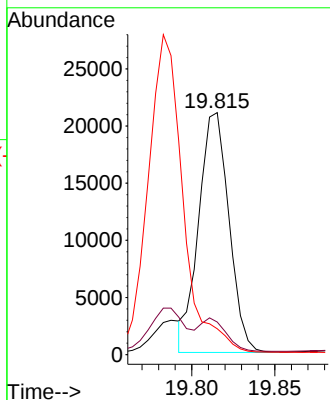
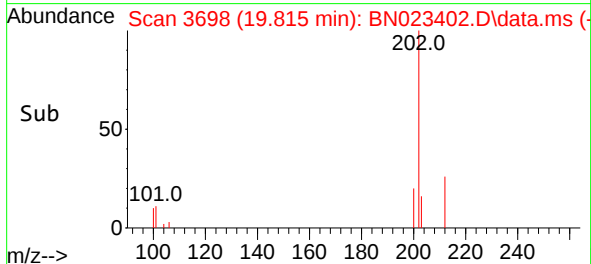
Instrument :
BNA_N
ClientSampleId :
DBXU3



Tgt Ion:202 Resp: 26653
Ion Ratio Lower Upper
202 100
101 13.5 11.3 16.9
100 10.7 9.0 13.4

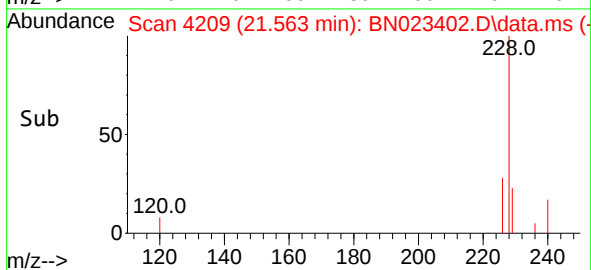
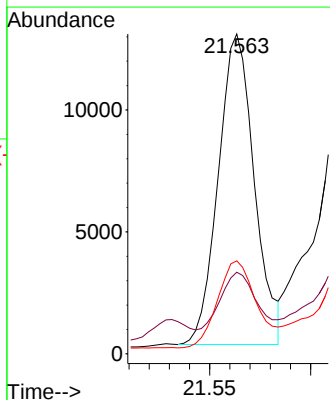
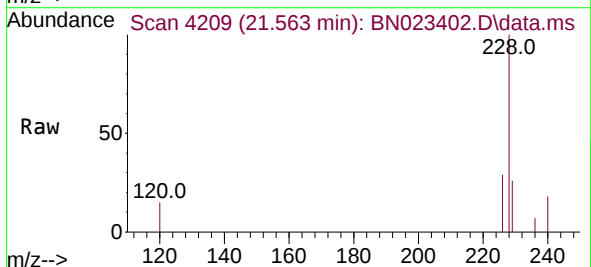
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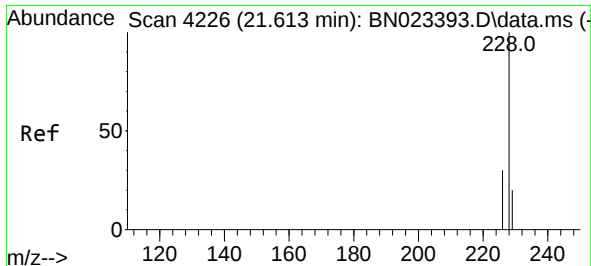
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#21
Benzo(a)anthracene
Concen: 0.181 ng/ul
RT: 21.563 min Scan# 4209
Delta R.T. 0.002 min
Lab File: BN023402.D
Acq: 24 Dec 2022 10:03

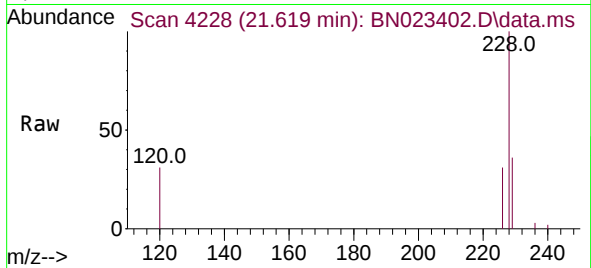
Tgt Ion:228 Resp: 15811
Ion Ratio Lower Upper
228 100
229 25.5 15.6 23.4#
226 29.1 22.2 33.2





#22
Chrysene
Concen: 0.224 ng/ul
RT: 21.619 min Scan# 4226
Delta R.T. 0.002 min
Lab File: BN023402.D
Acq: 24 Dec 2022 10:03

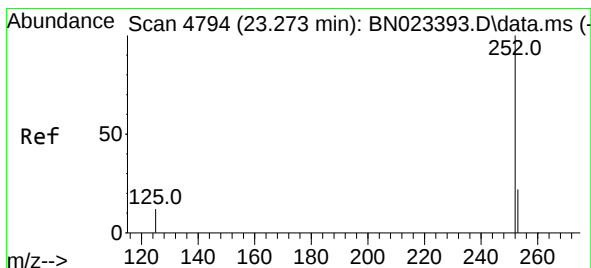
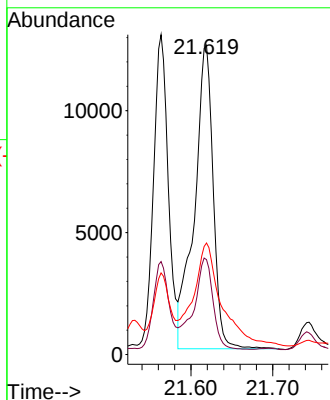
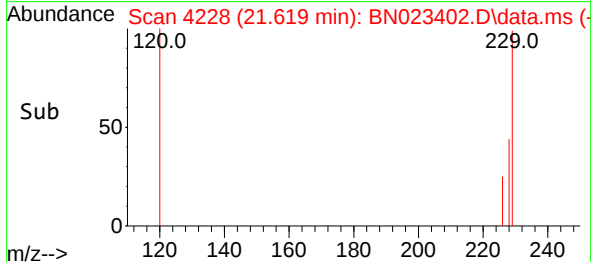
Instrument :
BNA_N
ClientSampleId :
DBXU3



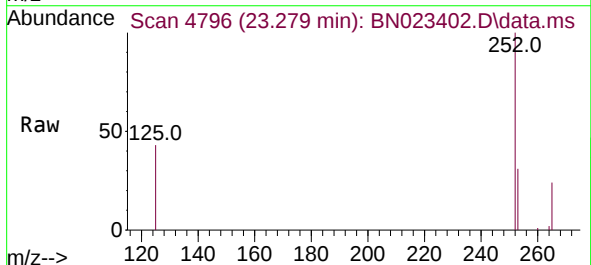
Tgt Ion:228 Resp: 19917
Ion Ratio Lower Upper
228 100
226 30.7 24.3 36.5
229 36.1 15.8 23.6

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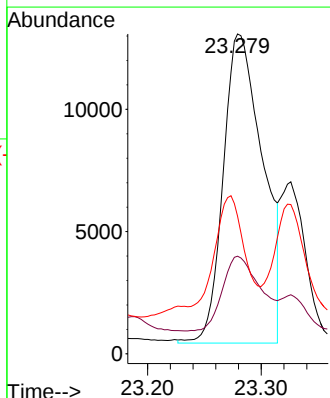
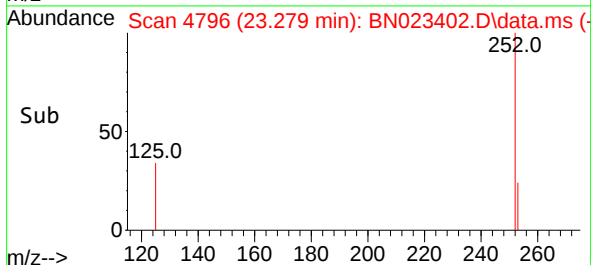
Reviewed By :Jagrut Upadhyay 12/25/2022
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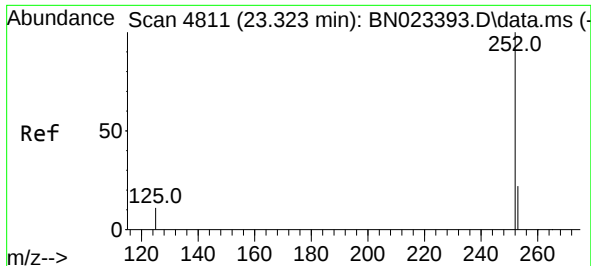


#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul m
RT: 23.279 min Scan# 4796
Delta R.T. 0.005 min
Lab File: BN023402.D
Acq: 24 Dec 2022 10:03



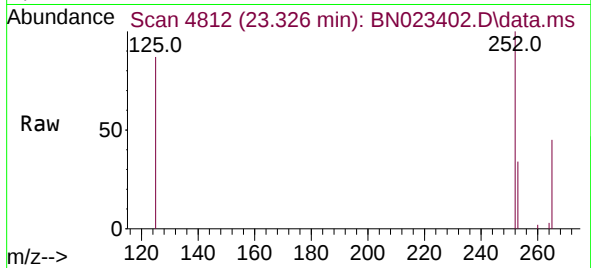
Tgt Ion:252 Resp: 30527
Ion Ratio Lower Upper
252 100
253 30.5 0.0 49.2
125 43.0 0.0 31.8





#25
Benzo(k)fluoranthene
Concen: 0.121 ng/ul m
RT: 23.326 min Scan# 4811
Delta R.T. 0.002 min
Lab File: BN023402.D
Acq: 24 Dec 2022 10:03

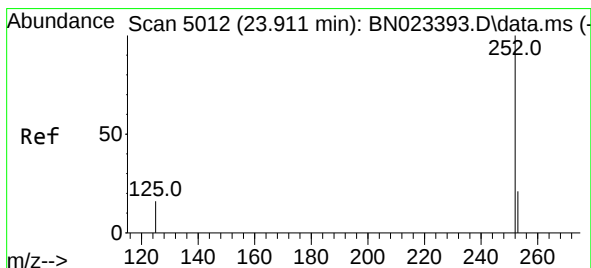
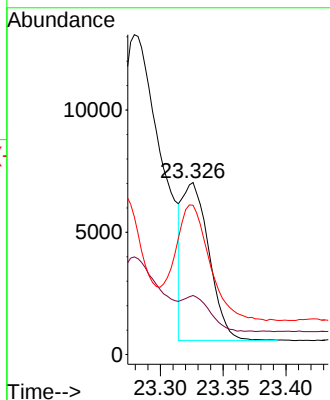
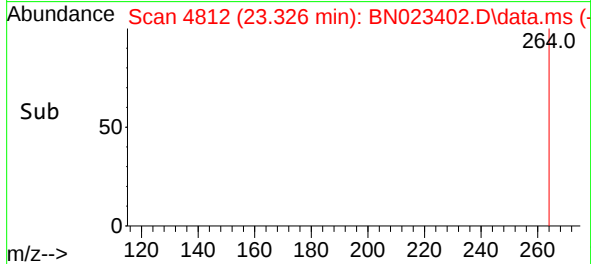
Instrument :
BNA_N
ClientSampleId :
DBXU3



Tgt Ion:252 Resp: 9639
Ion Ratio Lower Upper
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253 34.4 19.8 29.6
125 86.8 12.6 18.8

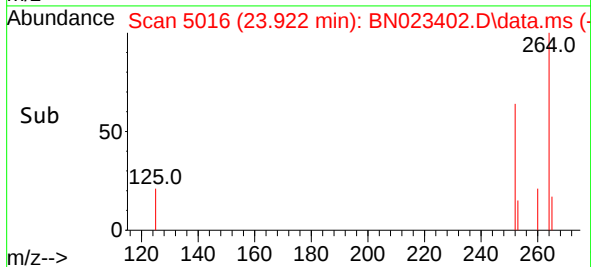
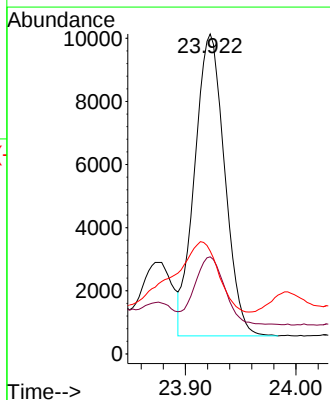
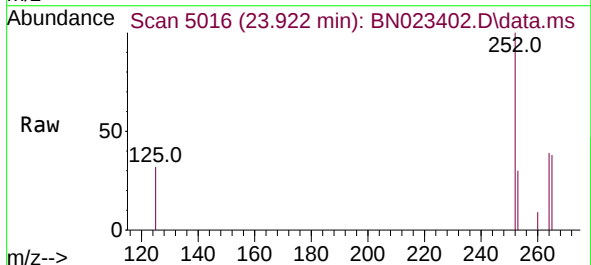
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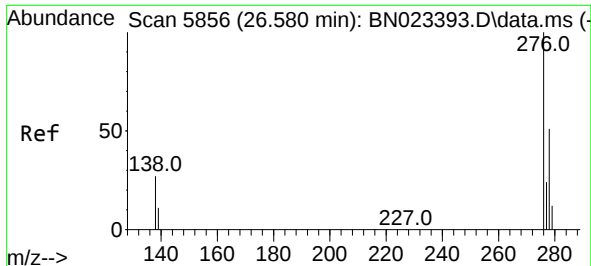
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022



#26
Benzo(a)pyrene
Concen: 0.267 ng/ul
RT: 23.922 min Scan# 5016
Delta R.T. 0.008 min
Lab File: BN023402.D
Acq: 24 Dec 2022 10:03

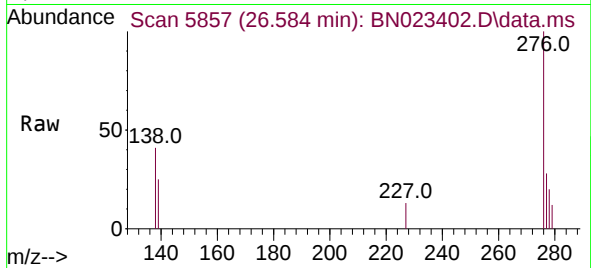
Tgt Ion:252 Resp: 17986
Ion Ratio Lower Upper
252 100
253 30.3 21.4 32.2
125 32.1 16.2 24.4





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.188 ng/ul
 RT: 26.584 min Scan# 5856
 Delta R.T. 0.006 min
 Lab File: BN023402.D
 Acq: 24 Dec 2022 10:03

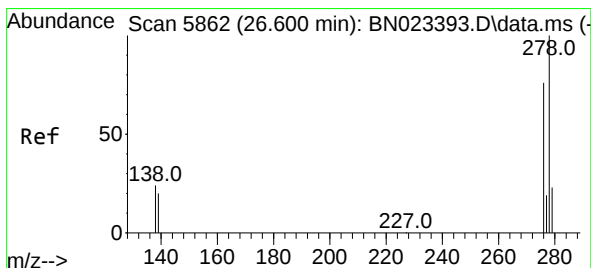
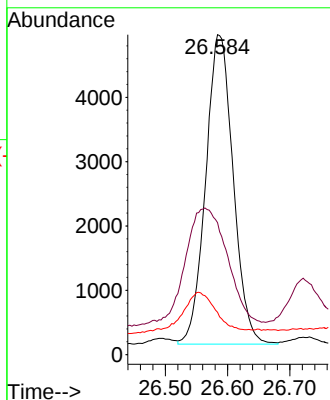
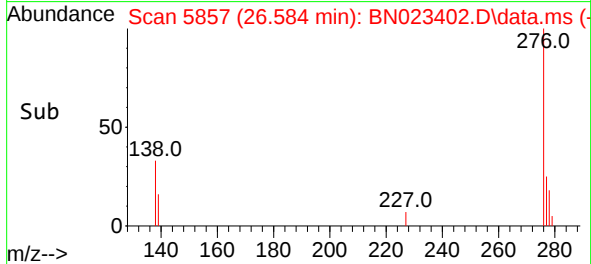
Instrument :
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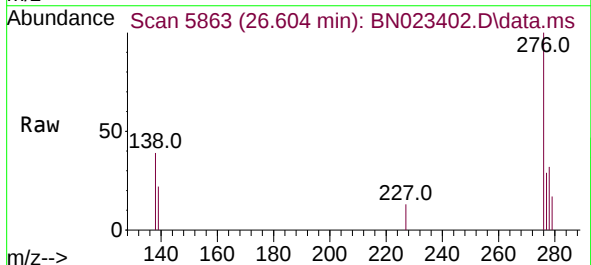
Tgt Ion: 276 Resp: 1475
 Ion Ratio Lower Upper
 276 100
 138 0.0 23.4 35.2#
 227 0.0 0.0 0.0

Manual Integrations
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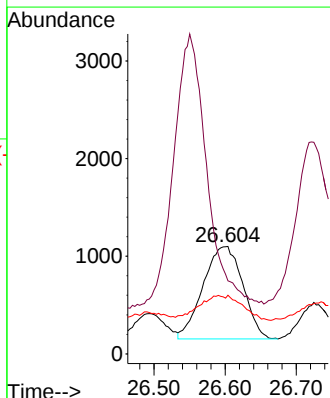
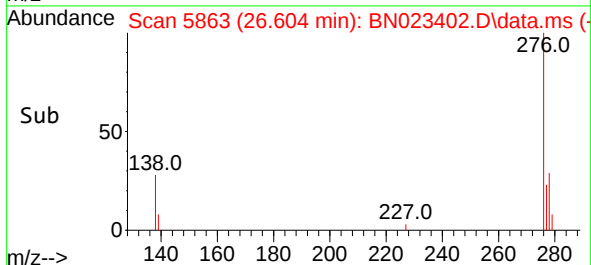
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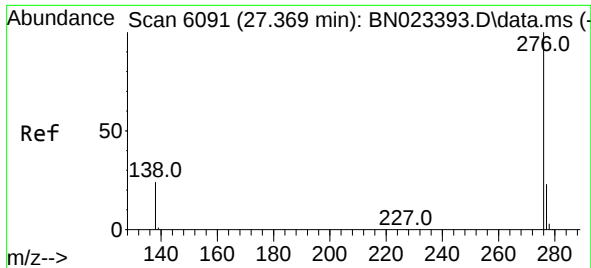


#28
 Dibenzo(a,h)anthracene
 Concen: 0.060 ng/ul
 RT: 26.604 min Scan# 5863
 Delta R.T. 0.003 min
 Lab File: BN023402.D
 Acq: 24 Dec 2022 10:03



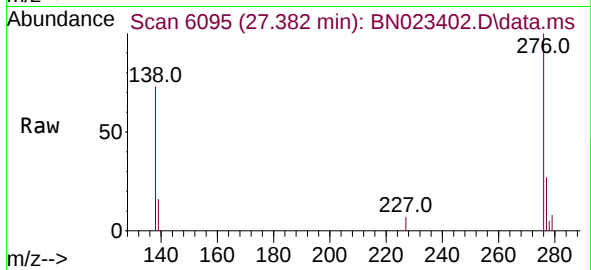
Tgt Ion: 278 Resp: 3669
 Ion Ratio Lower Upper
 278 100
 139 68.0 16.6 24.8#
 279 54.6 21.3 31.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.228 ng/ul
 RT: 27.382 min Scan# 6095
 Delta R.T. 0.013 min
 Lab File: BN023402.D
 Acq: 24 Dec 2022 10:03

Instrument :
 BNA_N
 ClientSampleId :
 DBXU3



Tgt Ion:276 Resp: 14621
 Ion Ratio Lower Upper
 276 100
 138 72.8 20.3 30.5
 277 26.6 19.7 29.5

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