

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
 Data File : BN023326.D
 Acq On : 21 Dec 2022 22:54
 Operator : CG/JU
 Sample : N6003-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXQ2

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/22/2022
 Supervised By :mohammad ahmed 12/22/2022

Quant Time: Dec 22 03:22:27 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	7.998	152	7729	0.400	ng/u1	0.00
4) Naphthalene-d8	10.815	136	25644	0.400	ng/u1	0.00
9) Acenaphthene-d10	14.645	164	15624	0.400	ng/u1	0.00
13) Phenanthrene-d10	17.390	188	36486	0.400	ng/u1	0.00
17) Chrysene-d12	21.581	240	26292	0.400	ng/u1	# 0.00
23) Perylene-d12	24.027	264	27555	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	43152	5.138	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.399	152	14088	0.355	ng/u1	0.00
18) Fluoranthene-d10	19.420	212	35448	0.373	ng/u1	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.368	152	292830	4.229	ng/u1	99
16) Anthracene	17.525	178	203033	2.060	ng/u1	99
19) Fluoranthene	19.448	202	1312166	10.288	ng/u1	100
20) Pyrene	19.815	202	1507344	11.723	ng/u1	98
21) Benzo(a)anthracene	21.563	228	1930497	18.859	ng/u1	97
22) Chrysene	21.616	228	2402643	23.080	ng/u1	98
24) Benzo(b)fluoranthene	23.288	252	3956582m	27.762	ng/u1	
25) Benzo(k)fluoranthene	23.329	252	1396400m	10.436	ng/u1	
26) Benzo(a)pyrene	23.925	252	1842913	16.331	ng/u1#	89
27) Indeno(1,2,3-cd)pyrene	26.587	276	1261945	9.582	ng/u1#	90
28) Dibenzo(a,h)anthracene	26.597	278	300544	2.941	ng/u1	98
29) Benzo(g,h,i)perylene	27.378	276	1004622	9.358	ng/u1	99

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

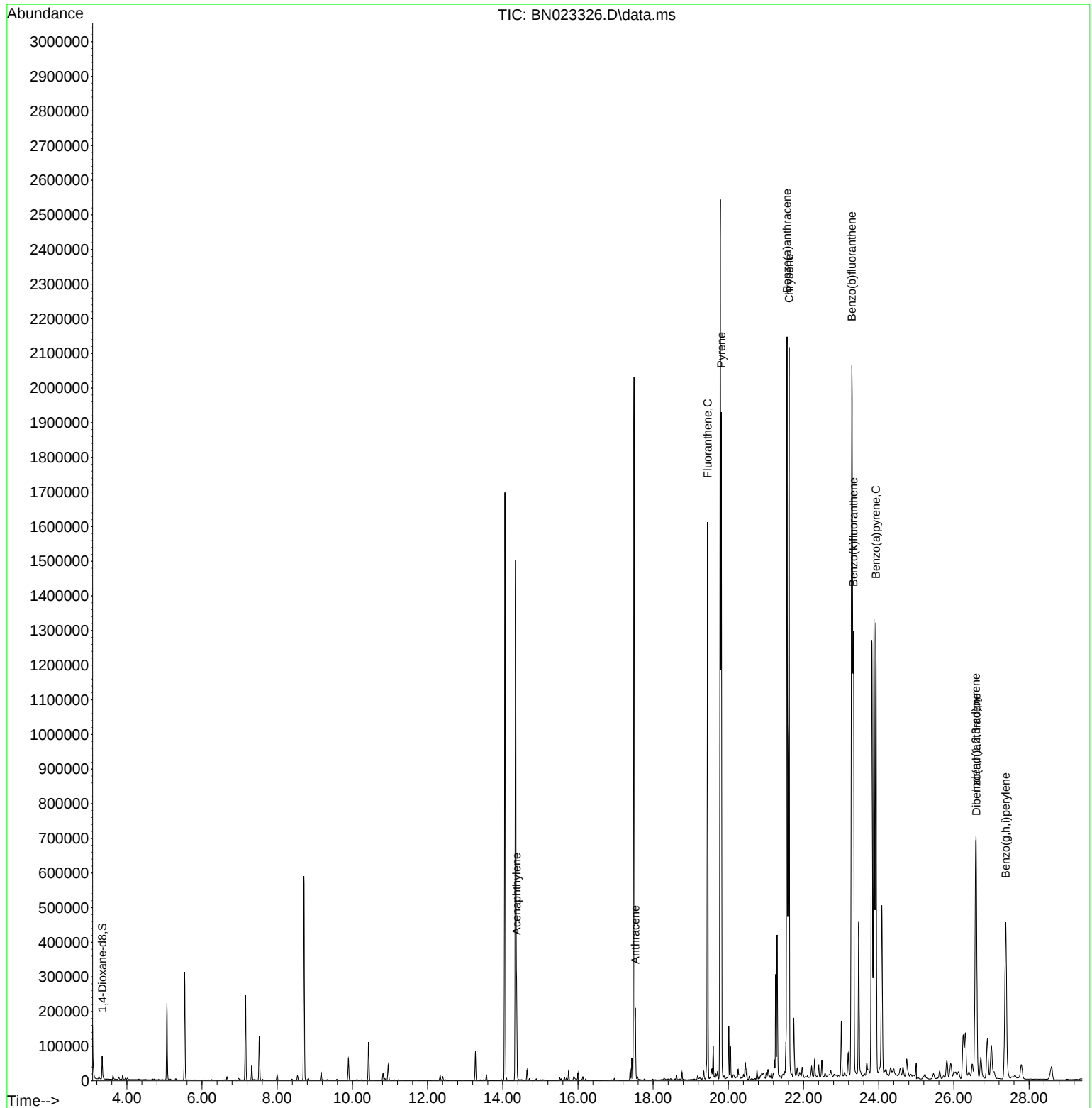
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Data File : BN023326.D
Acq On : 21 Dec 2022 22:54
Operator : CG/JU
Sample : N6003-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

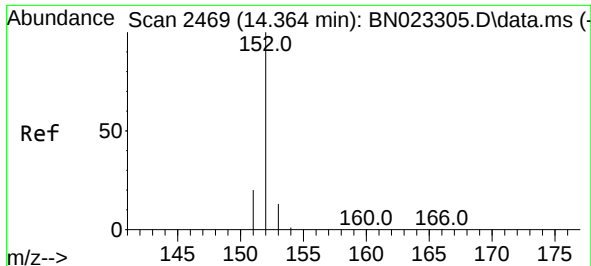
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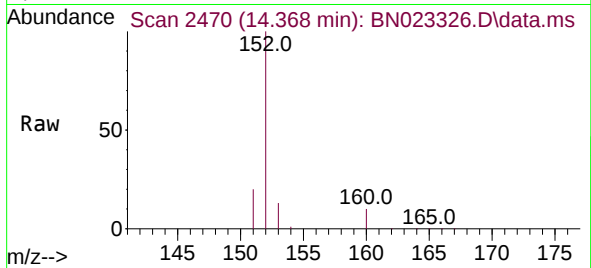
Quant Time: Dec 22 03:22:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#10
Acenaphthylene
Concen: 4.229 ng/ul
RT: 14.368 min Scan# 2469
Delta R.T. -0.001 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

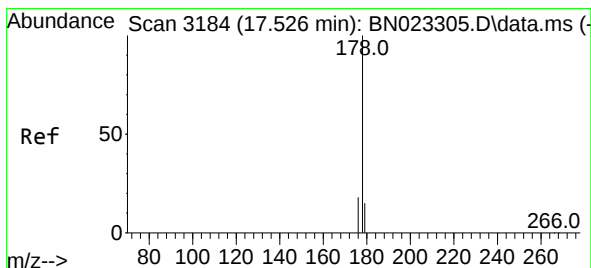
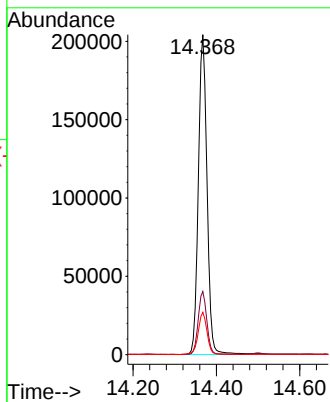
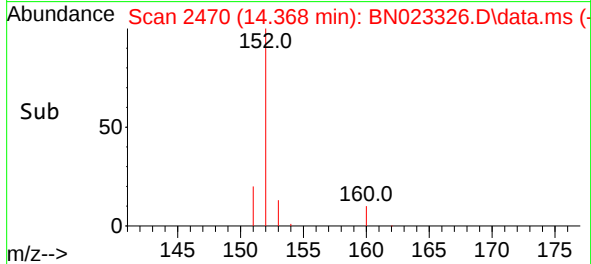
Instrument :
BNA_N
ClientSampleId :
DBXQ2



Tgt Ion:152 Resp: 292830
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.2 10.9 16.3

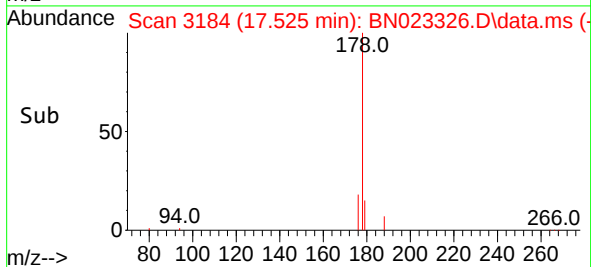
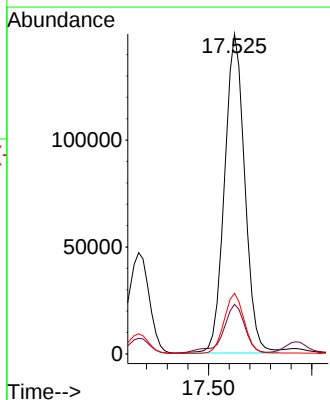
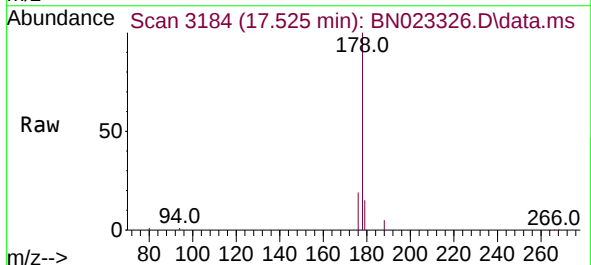
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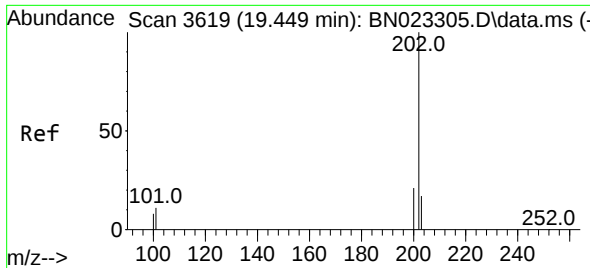
Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#16
Anthracene
Concen: 2.060 ng/ul
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

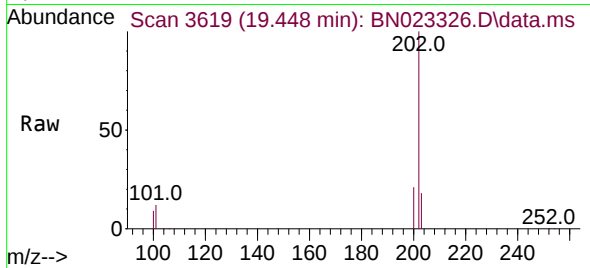
Tgt Ion:178 Resp: 203033
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 18.9 15.4 23.0





#19
Fluoranthene
Concen: 10.288 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

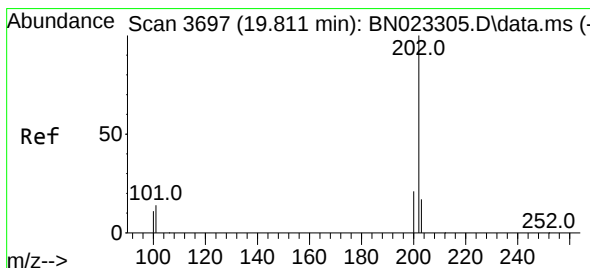
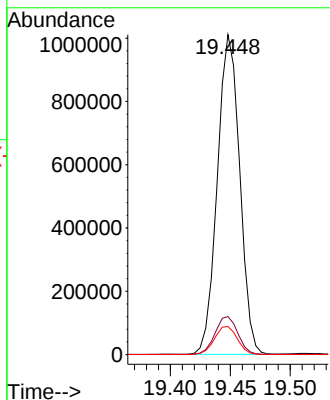
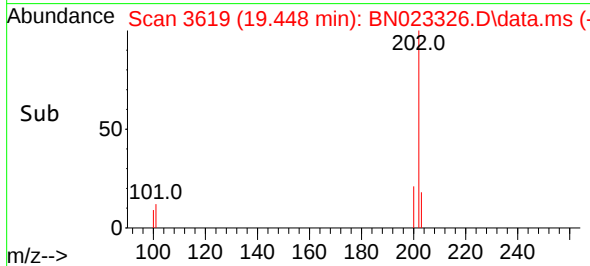
Instrument :
BNA_N
ClientSampleId :
DBXQ2



Tgt Ion:202 Resp: 1312166
Ion Ratio Lower Upper
202 100
101 11.9 9.4 14.2
100 8.8 7.0 10.6

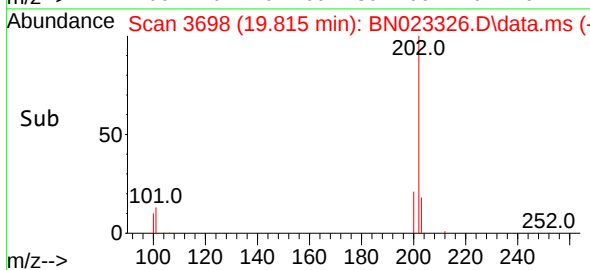
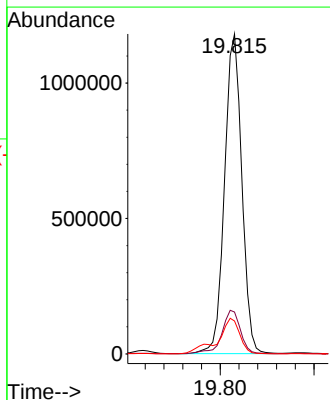
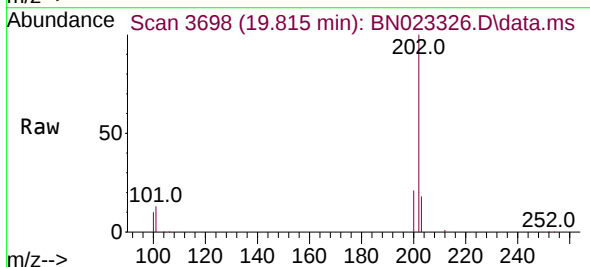
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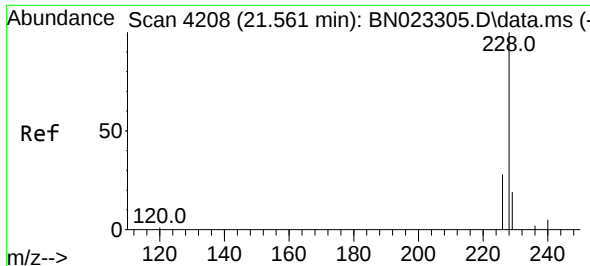
Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#20
Pyrene
Concen: 11.723 ng/ul
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

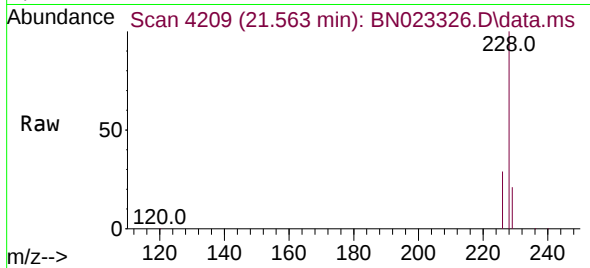
Tgt Ion:202 Resp: 1507344
Ion Ratio Lower Upper
202 100
101 13.1 11.3 16.9
100 10.3 9.0 13.4





#21
Benzo(a)anthracene
Concen: 18.859 ng/ul
RT: 21.563 min Scan# 4208
Delta R.T. 0.002 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

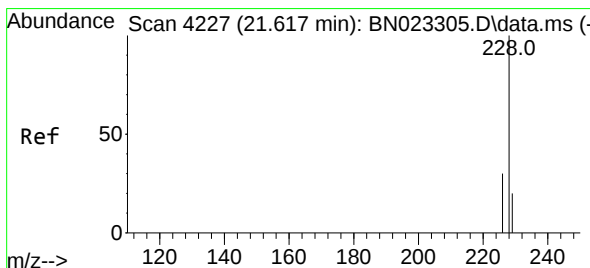
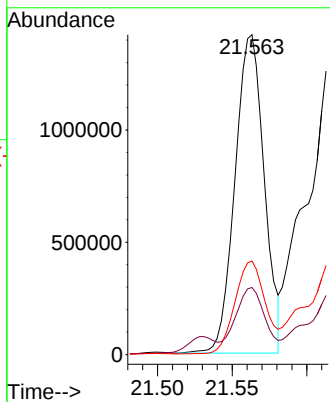
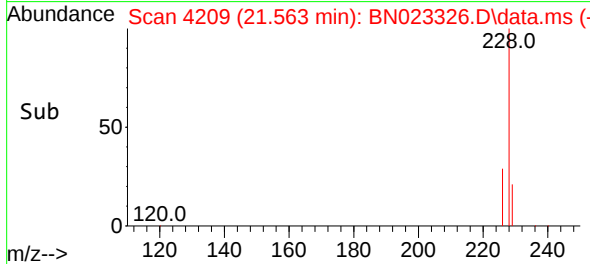
Instrument :
BNA_N
ClientSampleId :
DBXQ2



Tgt Ion:228 Resp: 1930497
Ion Ratio Lower Upper
228 100
229 21.0 15.6 23.4
226 29.2 22.2 33.2

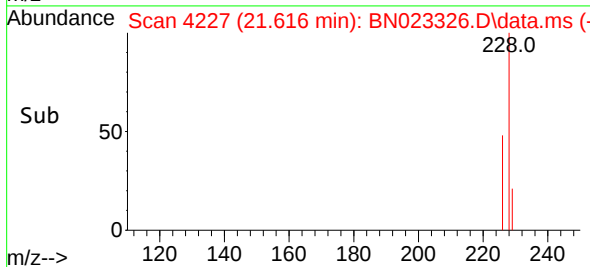
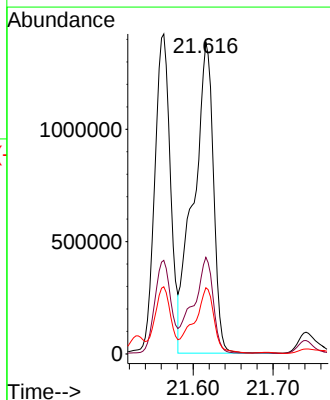
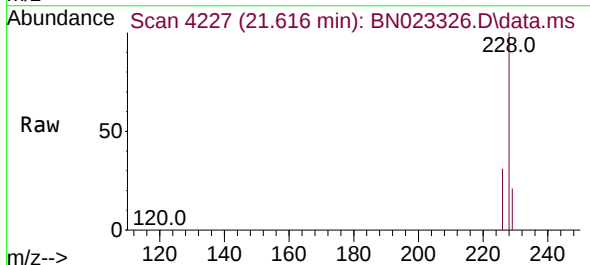
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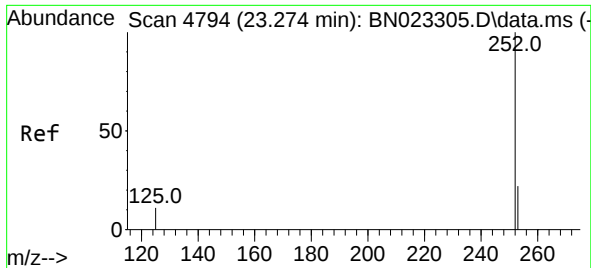
Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#22
Chrysene
Concen: 23.080 ng/ul
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

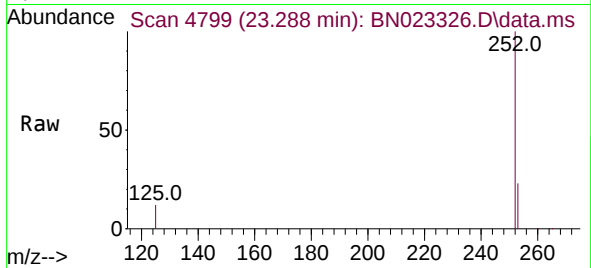
Tgt Ion:228 Resp: 2402643
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 21.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 27.762 ng/ul m
RT: 23.288 min Scan# 4799
Delta R.T. 0.014 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

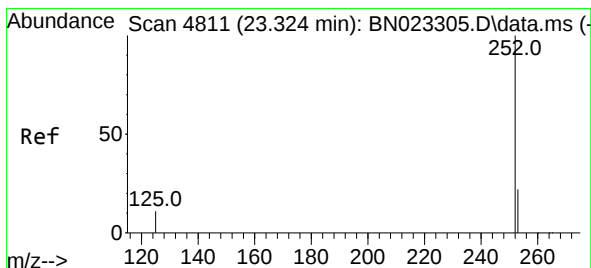
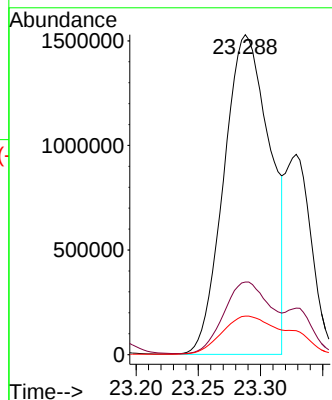
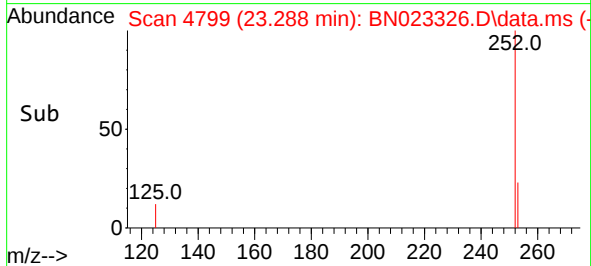
Instrument :
BNA_N
ClientSampleId :
DBXQ2



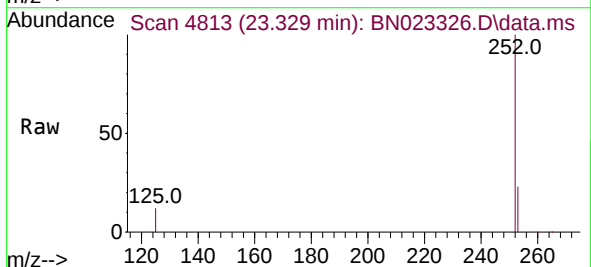
Tgt Ion:252 Resp: 3956582
Ion Ratio Lower Upper
252 100
253 22.7 0.0 49.2
125 12.0 0.0 31.8

Manual Integrations
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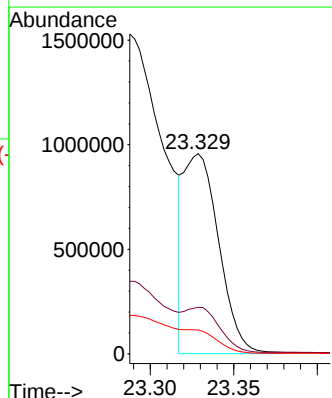
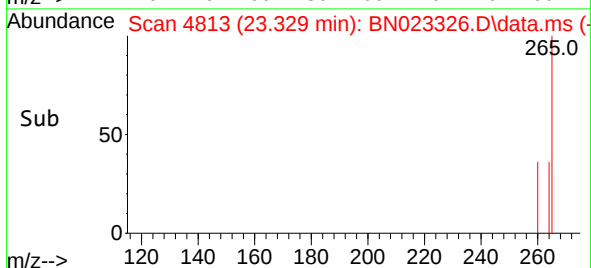
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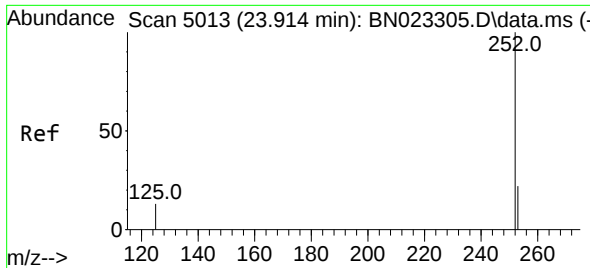


#25
Benzo(k)fluoranthene
Concen: 10.436 ng/ul m
RT: 23.329 min Scan# 4813
Delta R.T. 0.005 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54



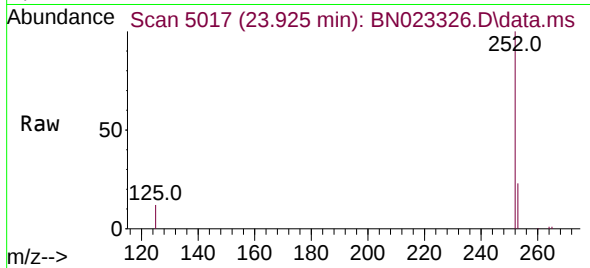
Tgt Ion:252 Resp: 1396400
Ion Ratio Lower Upper
252 100
253 23.2 19.8 29.6
125 11.9 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 16.331 ng/ul
RT: 23.925 min Scan# 5013
Delta R.T. 0.011 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

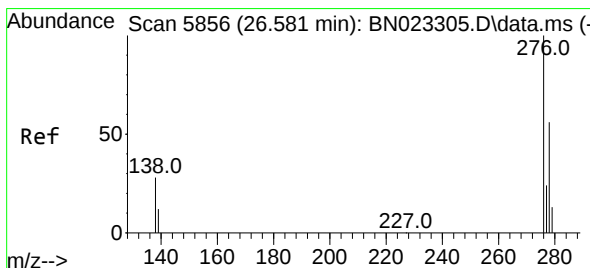
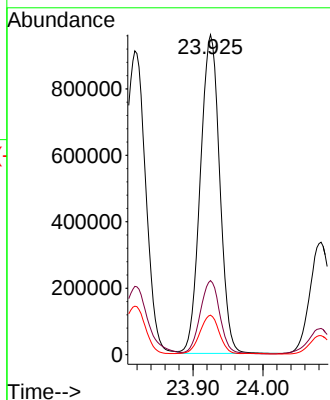
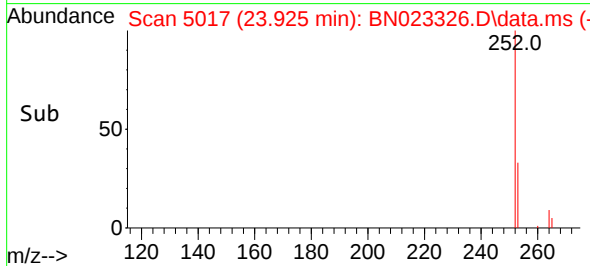
Instrument :
BNA_N
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DBXQ2



Tgt Ion:252 Resp: 1842913
Ion Ratio Lower Upper
252 100
253 23.1 21.4 32.2
125 12.3 16.2 24.4

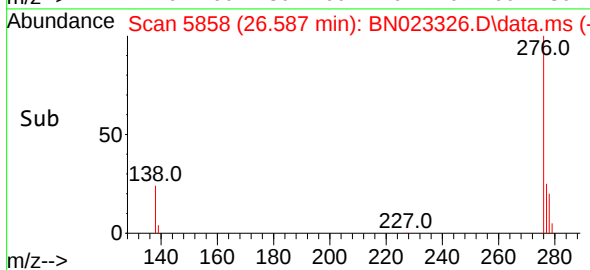
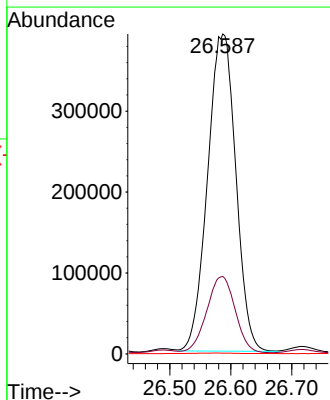
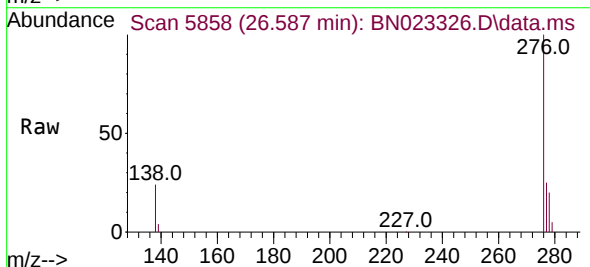
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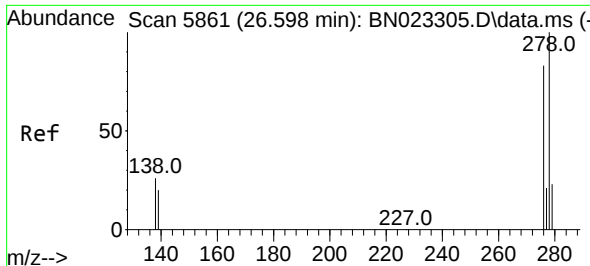
Reviewed By :Jagrut Upadhyay 12/22/2022
Supervised By :mohammad ahmed 12/22/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 9.582 ng/ul
RT: 26.587 min Scan# 5858
Delta R.T. 0.009 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

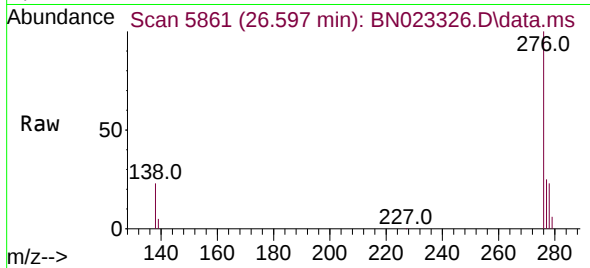
Tgt Ion:276 Resp: 1261945
Ion Ratio Lower Upper
276 100
138 24.2 23.4 35.2
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 2.941 ng/ul
RT: 26.597 min Scan# 5861
Delta R.T. -0.004 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54

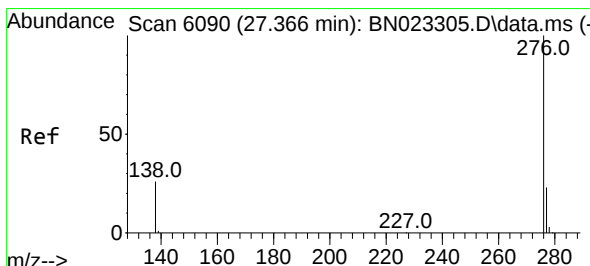
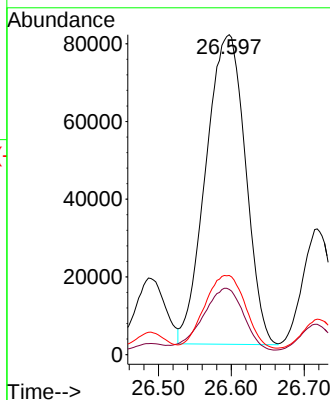
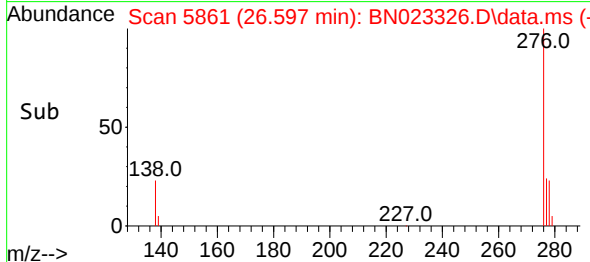
Instrument :
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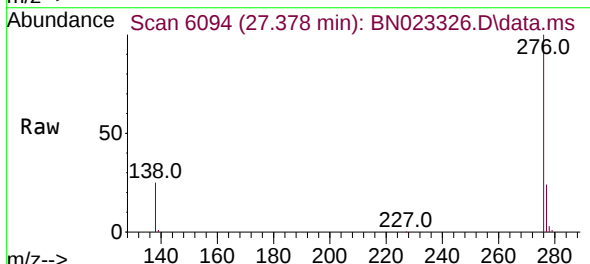
Tgt Ion:278 Resp: 300544
Ion Ratio Lower Upper
278 100
139 20.4 16.6 24.8
279 24.7 21.3 31.9

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 12/22/2022



#29
Benzo(g,h,i)perylene
Concen: 9.358 ng/ul
RT: 27.378 min Scan# 6094
Delta R.T. 0.009 min
Lab File: BN023326.D
Acq: 21 Dec 2022 22:54



Tgt Ion:276 Resp: 1004622
Ion Ratio Lower Upper
276 100
138 25.1 20.3 30.5
277 24.3 19.7 29.5

