

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023342.D
 Acq On : 22 Dec 2022 16:51
 Operator : CG/JU
 Sample : N6003-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXT1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2022
 Supervised By :mohammad ahmed 12/23/2022

Quant Time: Dec 22 23:54:07 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	7031	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	23379	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	14188	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	33858	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	27781	0.400	ng/ul	0.00
23) Perylene-d12	24.028	264	23179	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	36527	4.781	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.405	152	12018	0.332	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	33364	0.332	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.432	178	10657	0.097	ng/ul#	88
16) Anthracene	17.525	178	1883	0.021	ng/ul#	77
19) Fluoranthene	19.448	202	31274	0.232	ng/ul	96
20) Pyrene	19.815	202	24133m	0.178	ng/ul	
21) Benzo(a)anthracene	21.560	228	16302	0.151	ng/ul	96
22) Chrysene	21.616	228	19330	0.176	ng/ul#	96
24) Benzo(b)fluoranthene	23.276	252	30988m	0.258	ng/ul	
25) Benzo(k)fluoranthene	23.320	252	9382m	0.083	ng/ul	
26) Benzo(a)pyrene	23.919	252	17814	0.188	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.577	276	13899	0.125	ng/ul#	71
28) Dibenzo(a,h)anthracene	26.594	278	3671	0.043	ng/ul#	46
29) Benzo(g,h,i)perylene	27.372	276	10408	0.115	ng/ul#	61

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

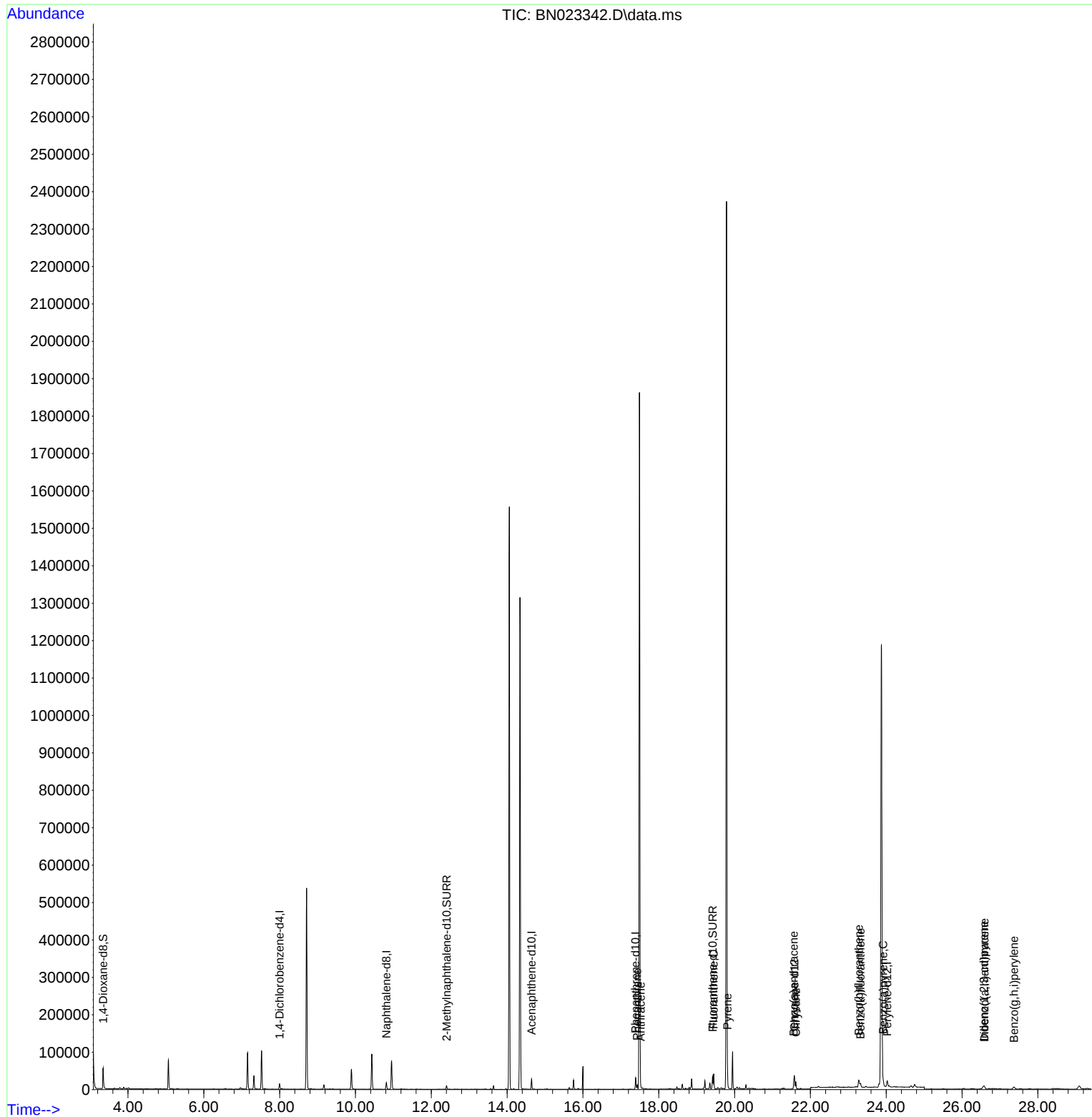
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023342.D
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ALS Vial : 12 Sample Multiplier: 1

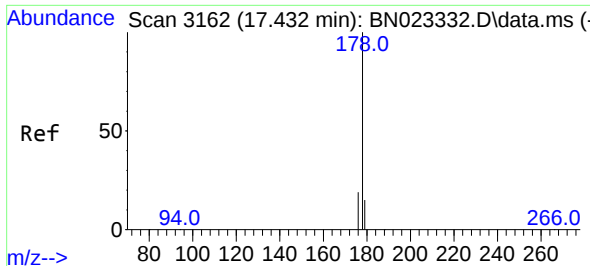
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





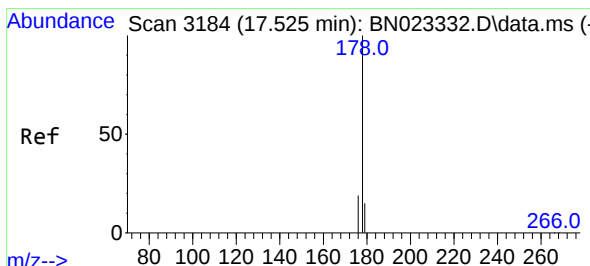
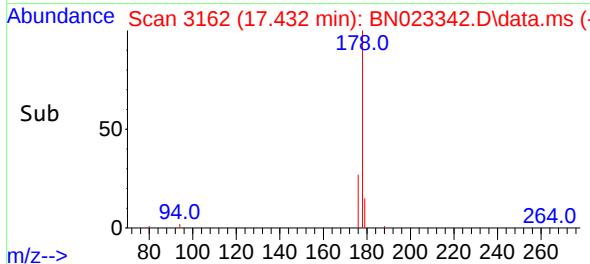
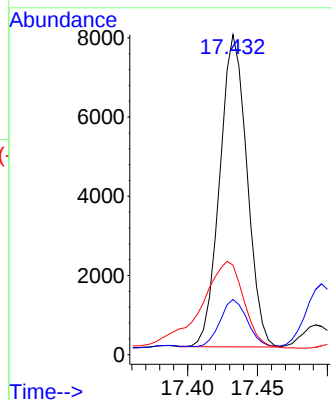
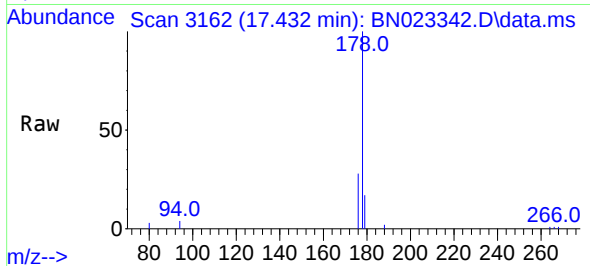
#15
Phenanthrene
Concen: 0.097 ng/u1
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023342.D
Acq: 22 Dec 2022 16:51

Instrument :
BNA_N
ClientSampleId :
DBXT1

Tgt Ion:178 Resp: 1065
Ion Ratio Lower Upper
178 100
179 17.2 12.5 18.7
176 28.0 15.7 23.5

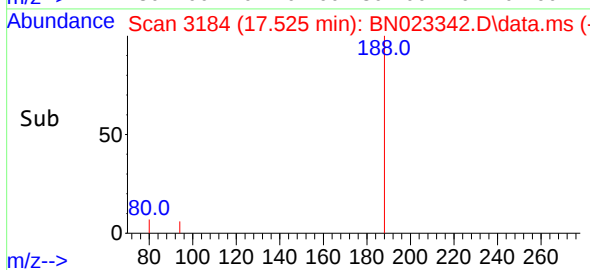
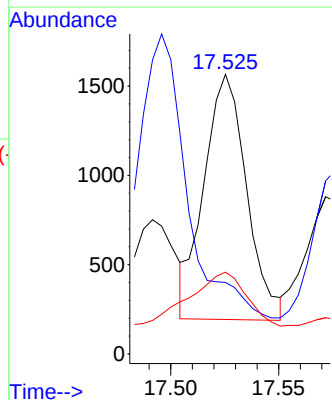
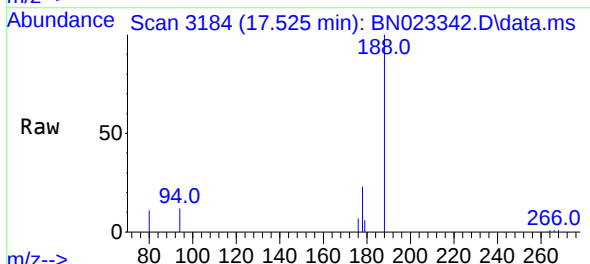
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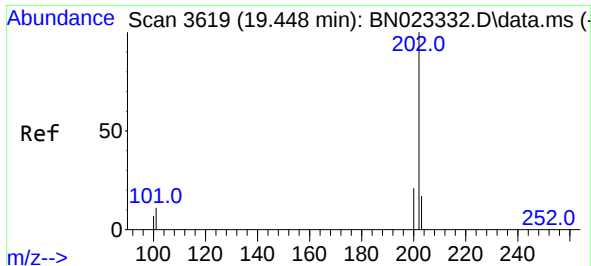
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#16
Anthracene
Concen: 0.021 ng/u1
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023342.D
Acq: 22 Dec 2022 16:51

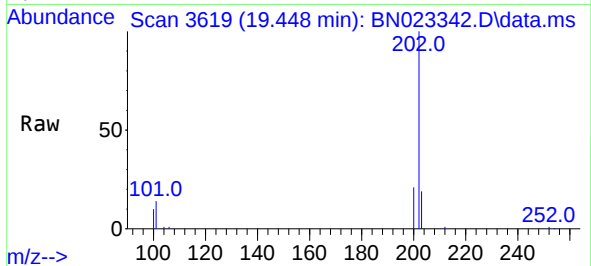
Tgt Ion:178 Resp: 1883
Ion Ratio Lower Upper
178 100
179 25.5 12.6 18.8#
176 29.2 15.4 23.0#





#19
Fluoranthene
Concen: 0.232 ng/u1
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023342.D
Acq: 22 Dec 2022 16:51

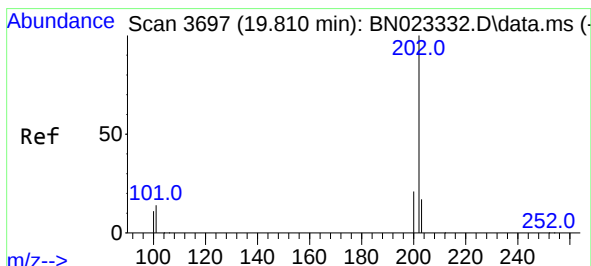
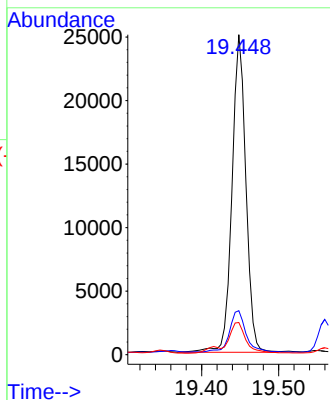
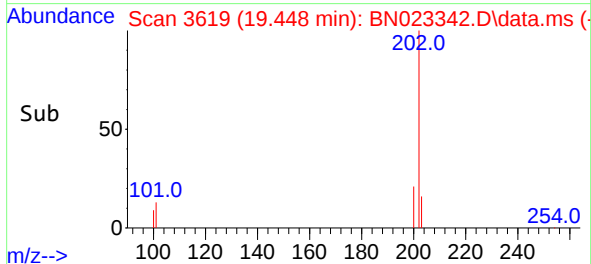
Instrument :
BNA_N
ClientSampleId :
DBXT1



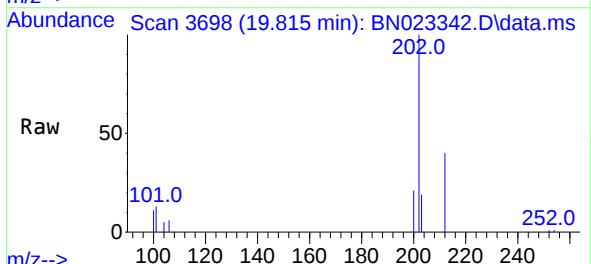
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Ion Ratio Lower Upper
202 100
101 13.8 9.4 14.2
100 10.0 7.0 10.6

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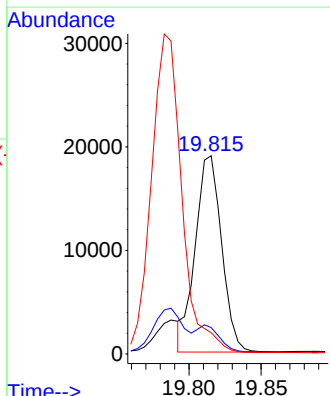
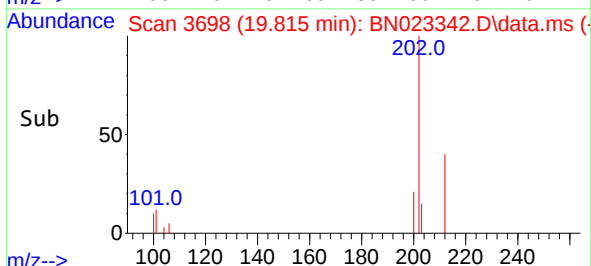
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

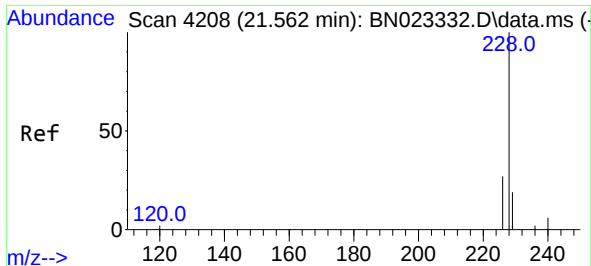


#20
Pyrene
Concen: 0.178 ng/u1 m
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023342.D
Acq: 22 Dec 2022 16:51



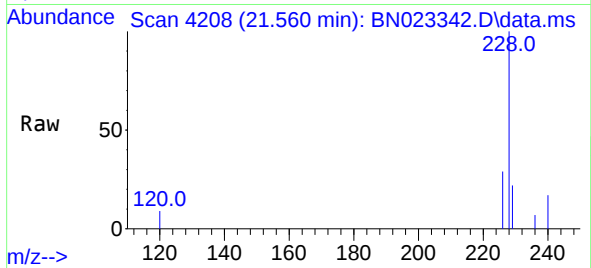
Tgt Ion:202 Resp: 24133
Ion Ratio Lower Upper
202 100
101 13.3 11.3 16.9
100 10.7 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.151 ng/u1
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023342.D
Acq: 22 Dec 2022 16:51

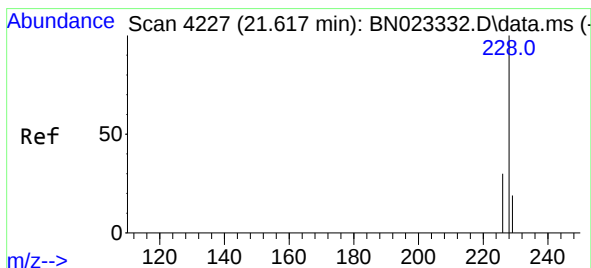
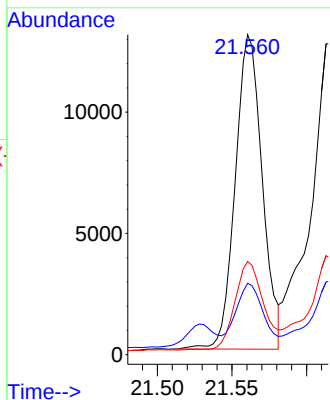
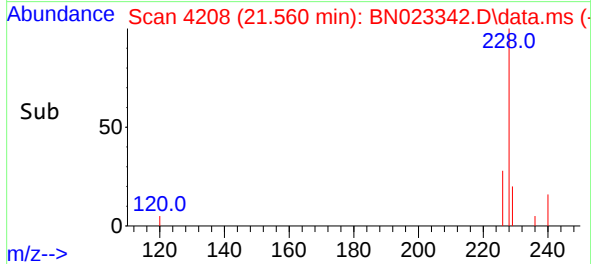
Instrument :
BNA_N
ClientSampleId :
DBXT1



Tgt Ion:228 Resp: 1630
Ion Ratio Lower Upper
228 100
229 22.3 15.6 23.4
226 29.1 22.2 33.2

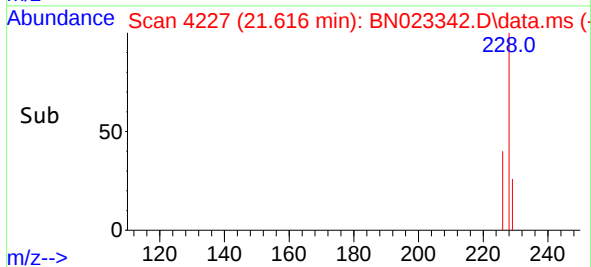
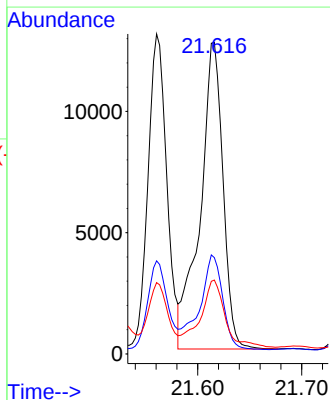
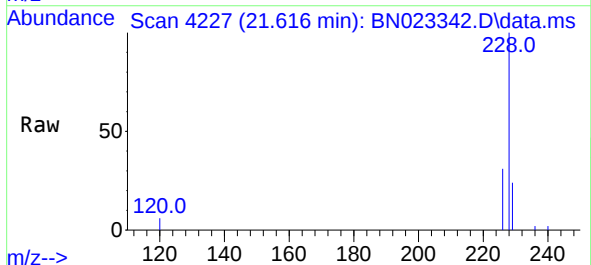
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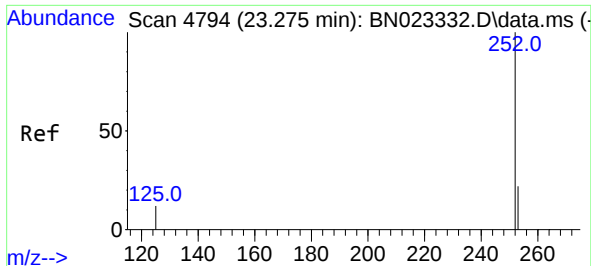
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#22
Chrysene
Concen: 0.176 ng/u1
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023342.D
Acq: 22 Dec 2022 16:51

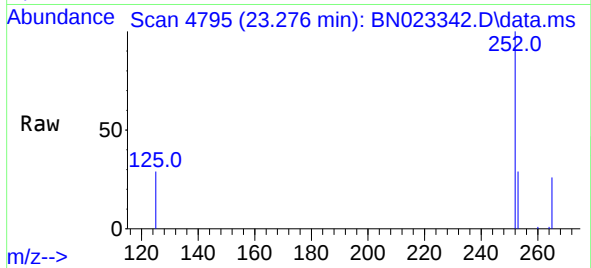
Tgt Ion:228 Resp: 19330
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 23.7 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.258 ng/ul m
RT: 23.276 min Scan# 4794
Delta R.T. 0.002 min
Lab File: BN023342.D
Acq: 22 Dec 2022 16:51

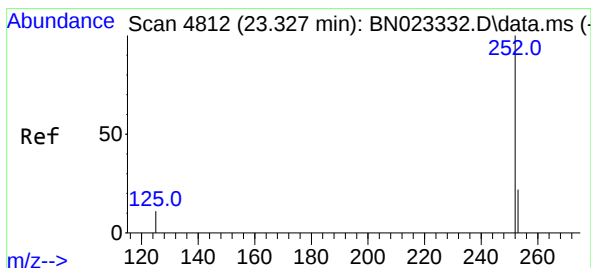
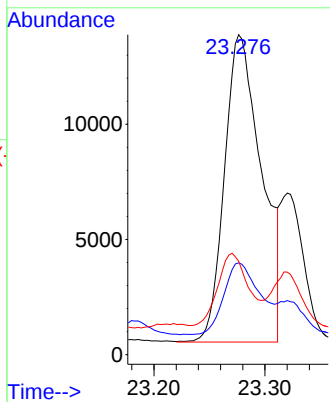
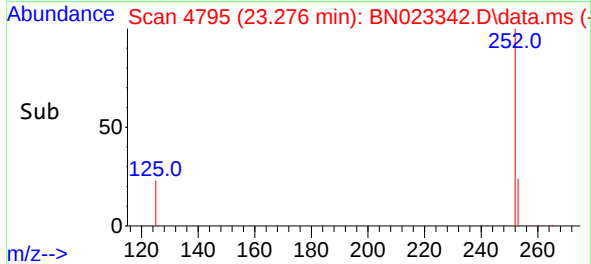
Instrument :
BNA_N
ClientSampleId :
DBXT1



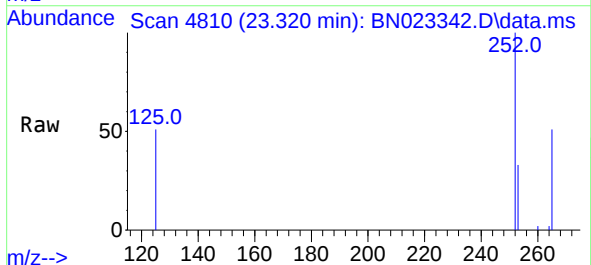
Tgt Ion:252 Resp: 3098
Ion Ratio Lower Upper
252 100
253 28.7 0.0 49.2
125 29.2 0.0 31.8

Manual Integrations
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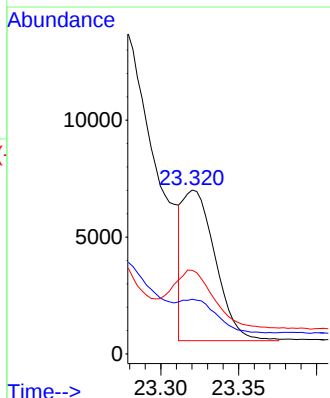
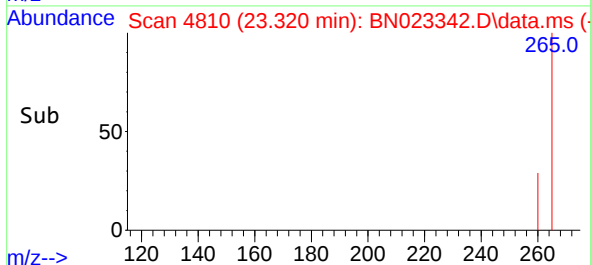
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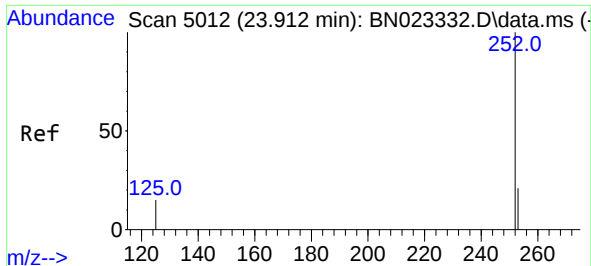


#25
Benzo(k)fluoranthene
Concen: 0.083 ng/ul m
RT: 23.320 min Scan# 4810
Delta R.T. -0.004 min
Lab File: BN023342.D
Acq: 22 Dec 2022 16:51



Tgt Ion:252 Resp: 9382
Ion Ratio Lower Upper
252 100
253 33.4 19.8 29.6#
125 51.1 12.6 18.8#





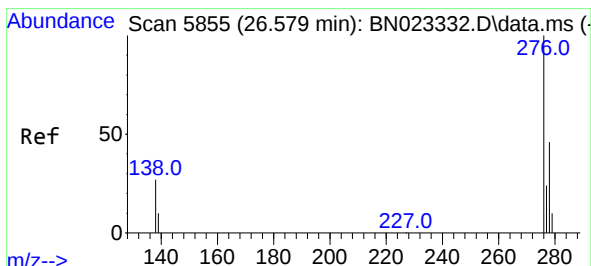
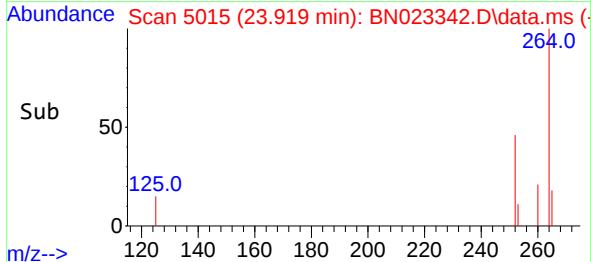
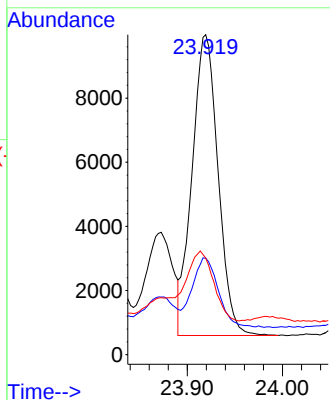
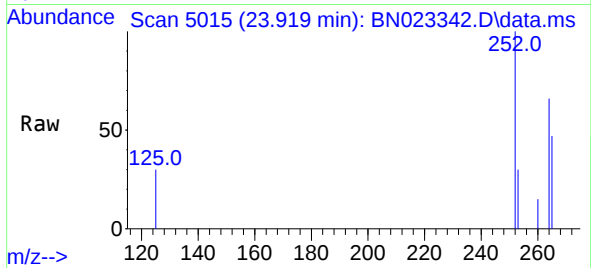
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Benzo(a)pyrene
Concen: 0.188 ng/u1
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023342.D
Acq: 22 Dec 2022 16:51

Instrument :
BNA_N
ClientSampleId :
DBXT1

Tgt Ion:252 Resp: 17814
Ion Ratio Lower Upper
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253 30.1 21.4 32.2
125 30.2 16.2 24.4

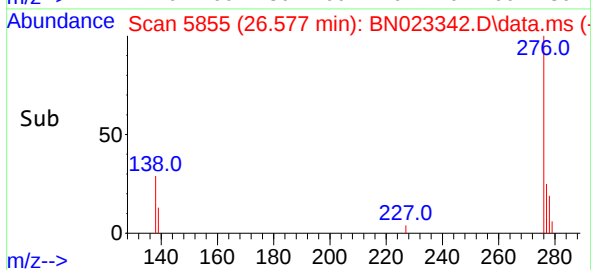
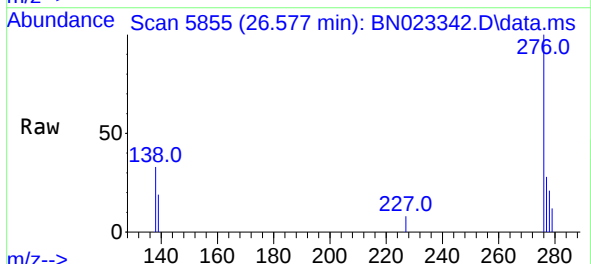
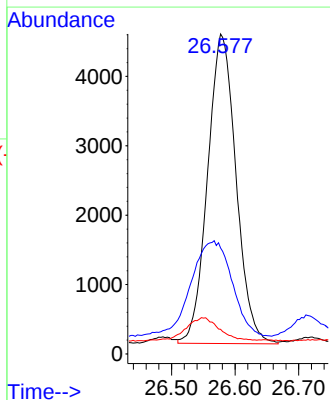
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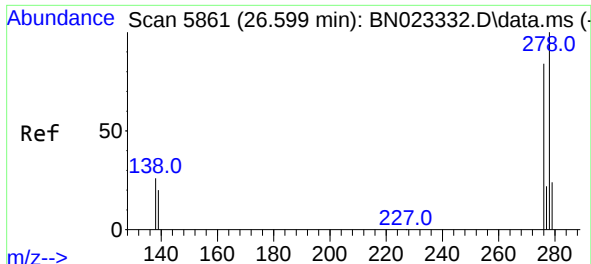
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.125 ng/u1
RT: 26.577 min Scan# 5855
Delta R.T. -0.001 min
Lab File: BN023342.D
Acq: 22 Dec 2022 16:51

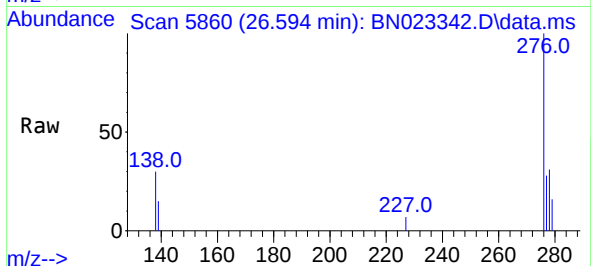
Tgt Ion:276 Resp: 13899
Ion Ratio Lower Upper
276 100
138 44.7 23.4 35.2#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.043 ng/ul
RT: 26.594 min Scan# 5861
Delta R.T. -0.007 min
Lab File: BN023342.D
Acq: 22 Dec 2022 16:51

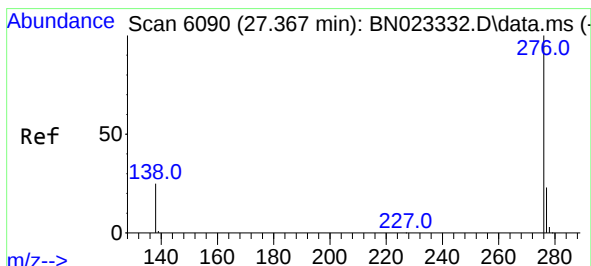
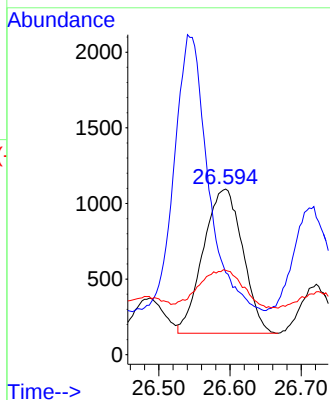
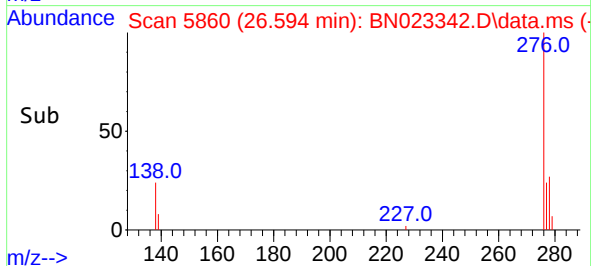
Instrument :
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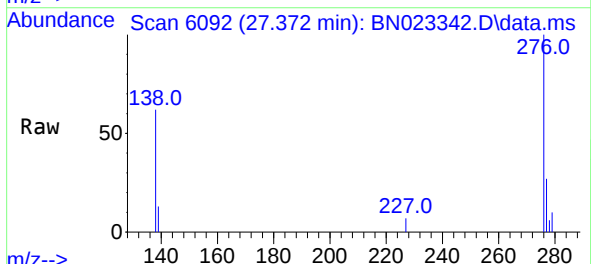
Tgt Ion:278 Resp: 367
Ion Ratio Lower Upper
278 100
139 49.6 16.6 24.8
279 51.0 21.3 31.9

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.115 ng/ul
RT: 27.372 min Scan# 6092
Delta R.T. 0.003 min
Lab File: BN023342.D
Acq: 22 Dec 2022 16:51



Tgt Ion:276 Resp: 10408
Ion Ratio Lower Upper
276 100
138 61.7 20.3 30.5
277 27.4 19.7 29.5

