

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
 Data File : BN023338.D
 Acq On : 22 Dec 2022 14:23
 Operator : CG/JU
 Sample : N6003-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBXV0

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 23:53:28 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	7000	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	23325	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	14114	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	33893	0.400	ng/ul	0.00
17) Chrysene-d12	21.581	240	28508	0.400	ng/ul	# 0.00
23) Perylene-d12	24.027	264	23879	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	31898	4.194	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	10902	0.302	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	29783	0.289	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.865	128	1404	0.021	ng/ul#	81
10) Acenaphthylene	14.368	152	1672	0.027	ng/ul#	83
15) Phenanthrene	17.432	178	13216	0.120	ng/ul	96
16) Anthracene	17.525	178	2310	0.025	ng/ul#	81
19) Fluoranthene	19.448	202	45096	0.326	ng/ul	95
20) Pyrene	19.815	202	35353m	0.254	ng/ul	
21) Benzo(a)anthracene	21.563	228	23434	0.211	ng/ul#	95
22) Chrysene	21.616	228	27966	0.248	ng/ul#	89
24) Benzo(b)fluoranthene	23.279	252	44280m	0.359	ng/ul	
25) Benzo(k)fluoranthene	23.323	252	14728m	0.127	ng/ul	
26) Benzo(a)pyrene	23.919	252	23796	0.243	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.580	276	19761	0.173	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.594	278	5115	0.058	ng/ul#	52
29) Benzo(g,h,i)perylene	27.368	276	14118	0.152	ng/ul#	78

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

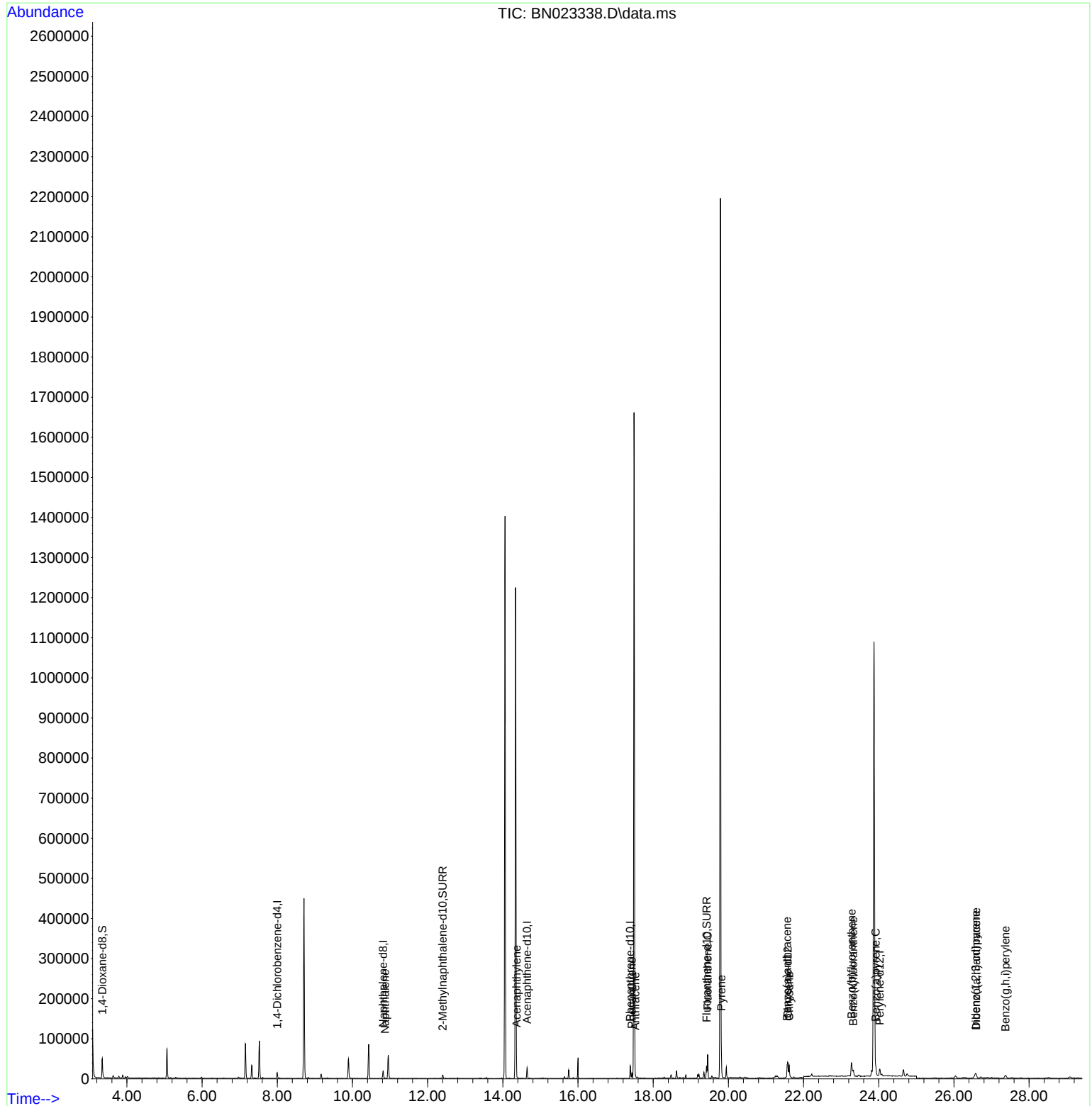
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122222\
Data File : BN023338.D
Acq On : 22 Dec 2022 14:23
Operator : CG/JU
Sample : N6003-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

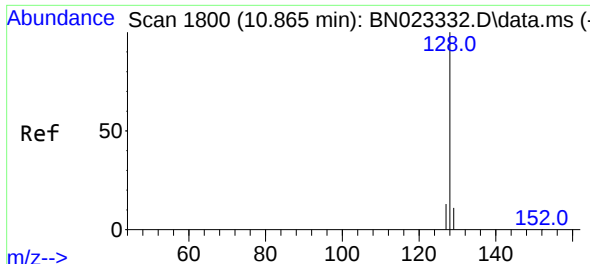
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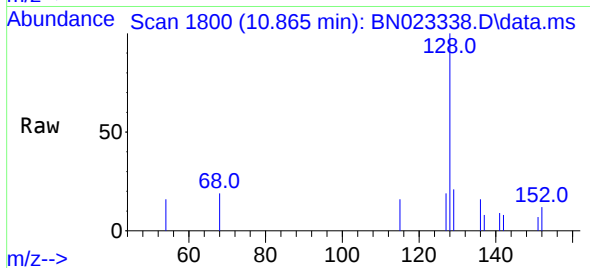
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.865 min Scan# 1800
Delta R.T. 0.000 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

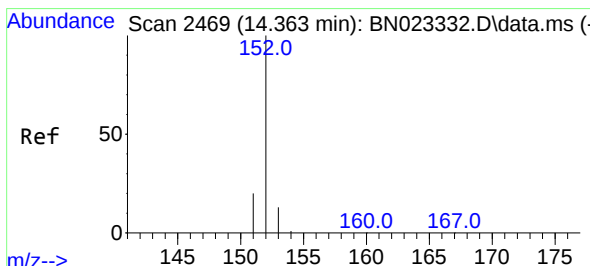
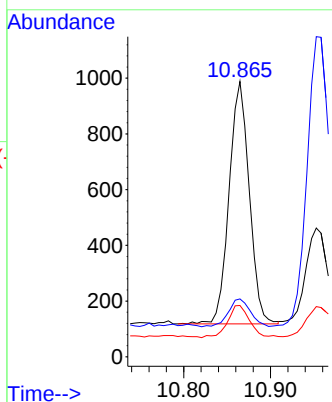
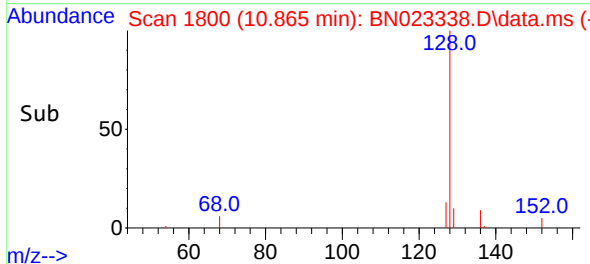
Instrument :
BNA_N
ClientSampleId :
DBXV0



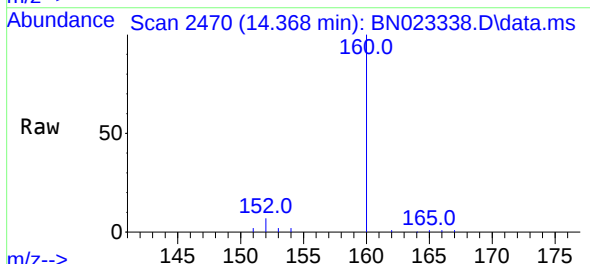
Tgt Ion:128 Resp: 1404
Ion Ratio Lower Upper
128 100
129 21.1 9.0 13.4#
127 18.6 10.7 16.1#

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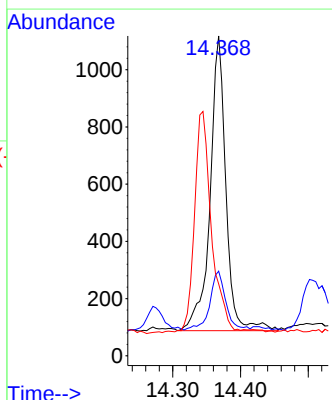
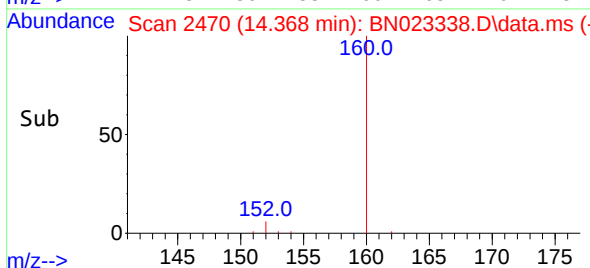
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022

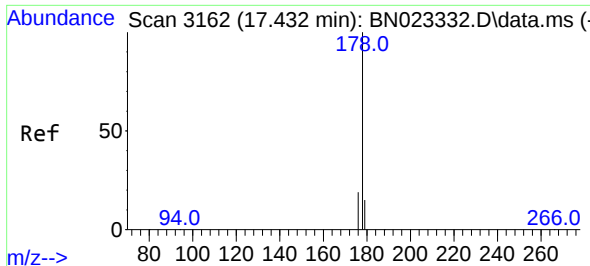


#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.368 min Scan# 2470
Delta R.T. -0.001 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23



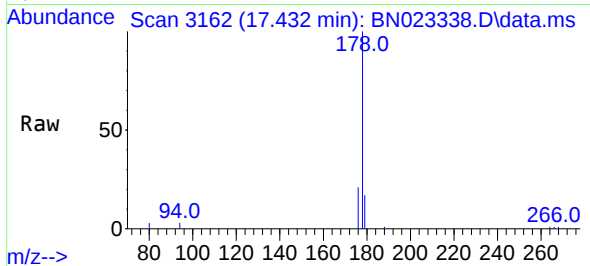
Tgt Ion:152 Resp: 1672
Ion Ratio Lower Upper
152 100
151 26.5 16.1 24.1#
153 22.5 10.9 16.3#





#15
Phenanthrene
Concen: 0.120 ng/ul
RT: 17.432 min Scan# 3162
Delta R.T. -0.001 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

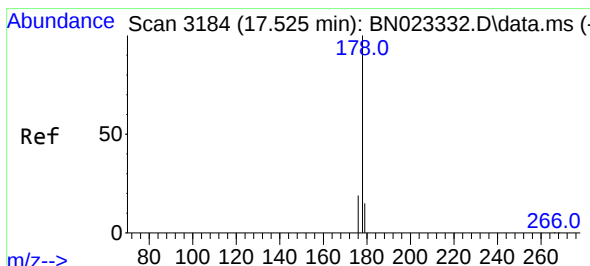
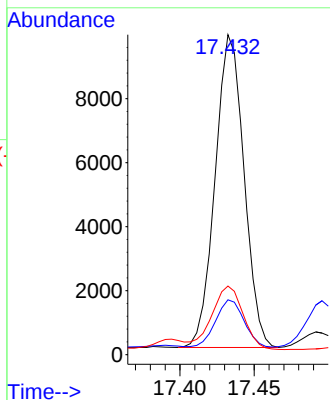
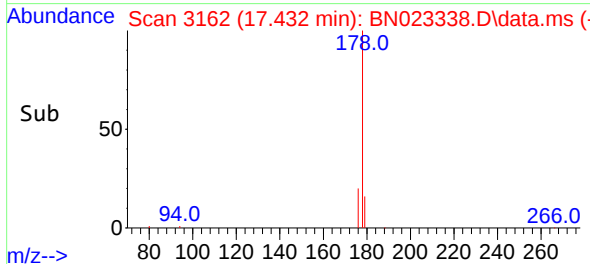
Instrument :
BNA_N
ClientSampleId :
DBXV0



Tgt Ion:178 Resp: 13210
Ion Ratio Lower Upper
178 100
179 17.2 12.5 18.7
176 21.4 15.7 23.5

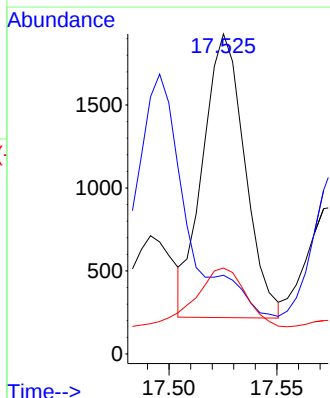
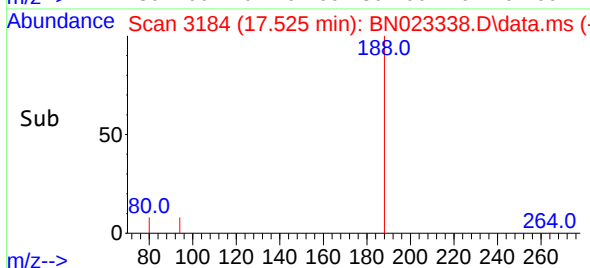
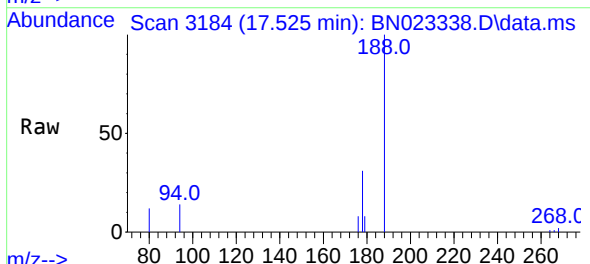
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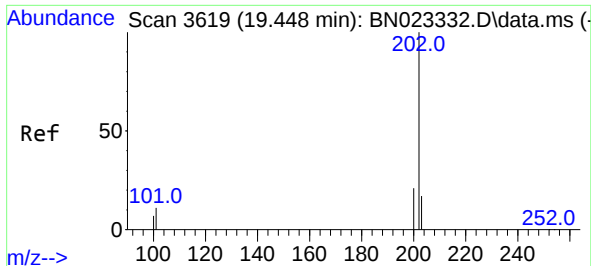
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#16
Anthracene
Concen: 0.025 ng/ul
RT: 17.525 min Scan# 3184
Delta R.T. -0.001 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

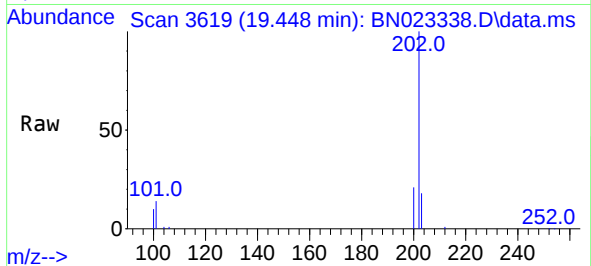
Tgt Ion:178 Resp: 2310
Ion Ratio Lower Upper
178 100
179 24.6 12.6 18.8#
176 26.9 15.4 23.0#





#19
Fluoranthene
Concen: 0.326 ng/u1
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

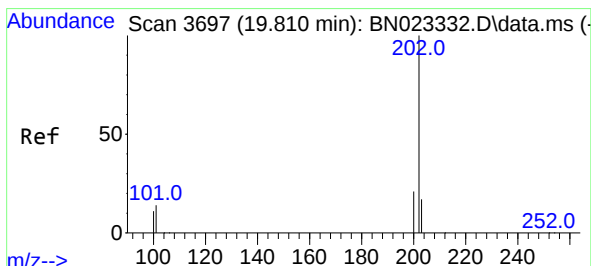
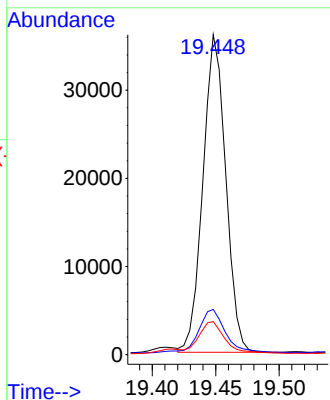
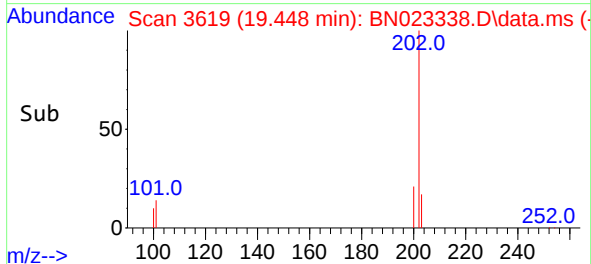
Instrument :
BNA_N
ClientSampleId :
DBXV0



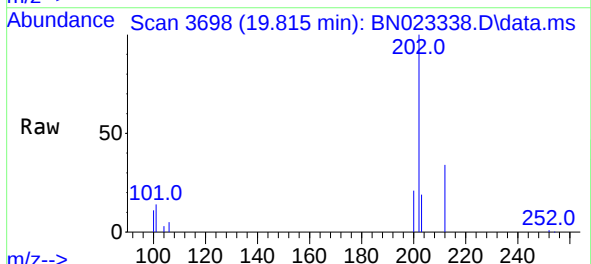
Tgt Ion:202 Resp: 45090
Ion Ratio Lower Upper
202 100
101 14.2 9.4 14.2
100 10.4 7.0 10.6

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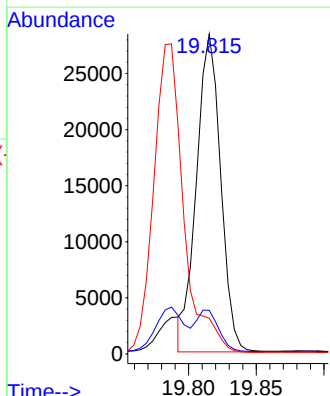
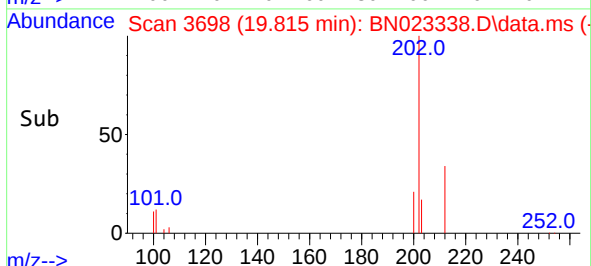
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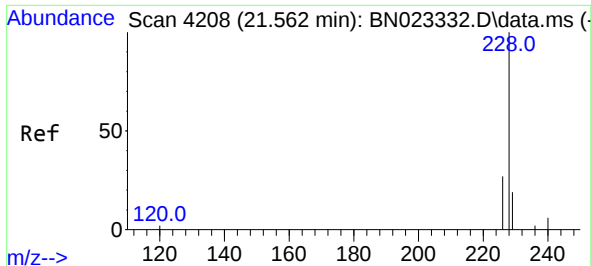


#20
Pyrene
Concen: 0.254 ng/u1 m
RT: 19.815 min Scan# 3698
Delta R.T. 0.004 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23



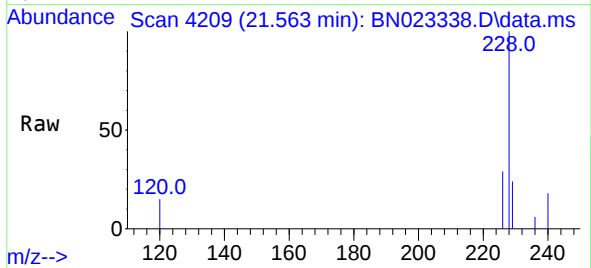
Tgt Ion:202 Resp: 35353
Ion Ratio Lower Upper
202 100
101 13.6 11.3 16.9
100 11.1 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.211 ng/u1
RT: 21.563 min Scan# 4208
Delta R.T. 0.002 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

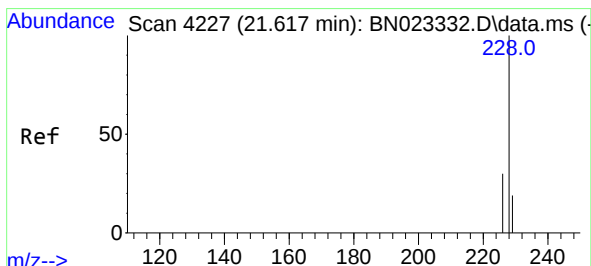
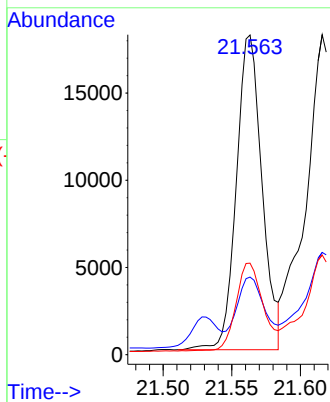
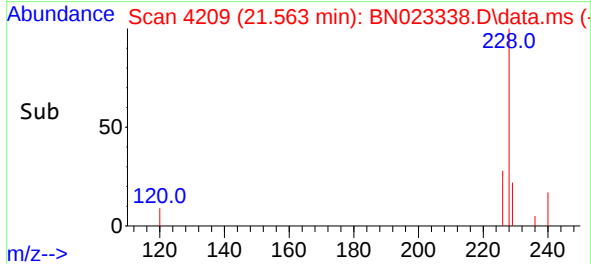
Instrument :
BNA_N
ClientSampleId :
DBXV0



Tgt Ion:228 Resp: 23434
Ion Ratio Lower Upper
228 100
229 24.3 15.6 23.4
226 28.6 22.2 33.2

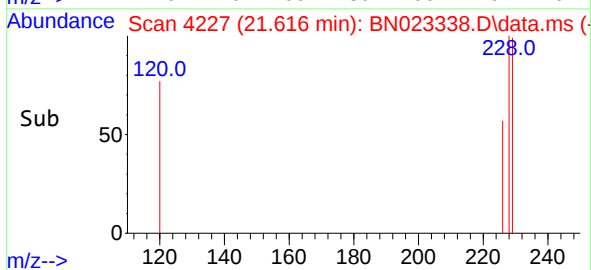
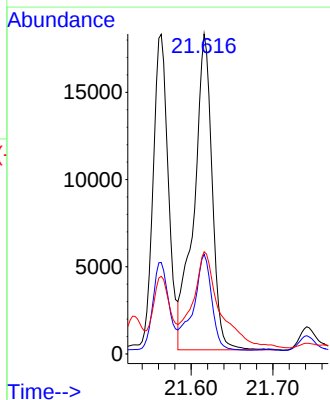
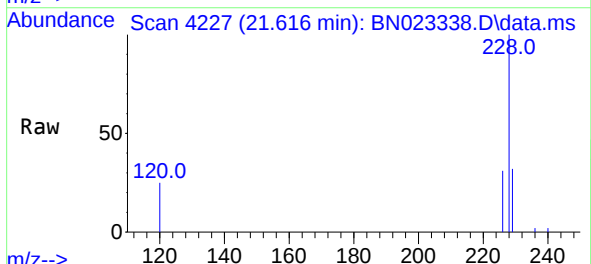
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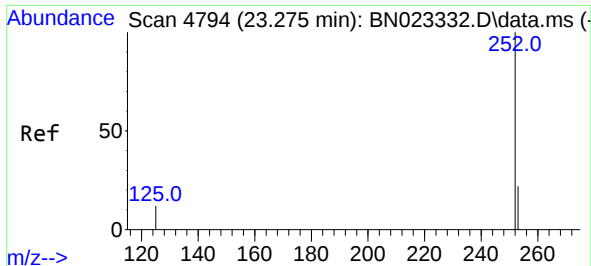
Reviewed By :Jagrut Upadhyay 12/23/2022
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#22
Chrysene
Concen: 0.248 ng/u1
RT: 21.616 min Scan# 4227
Delta R.T. -0.001 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

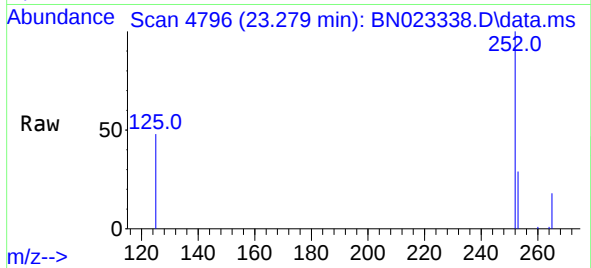
Tgt Ion:228 Resp: 27966
Ion Ratio Lower Upper
228 100
226 31.2 24.3 36.5
229 31.9 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul m
RT: 23.279 min Scan# 4794
Delta R.T. 0.005 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

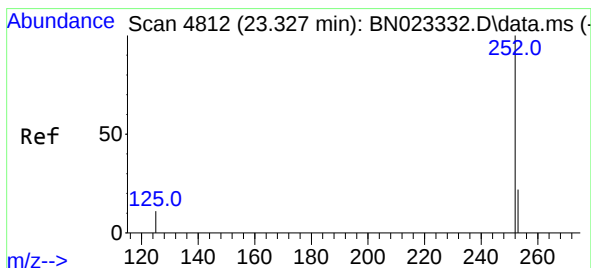
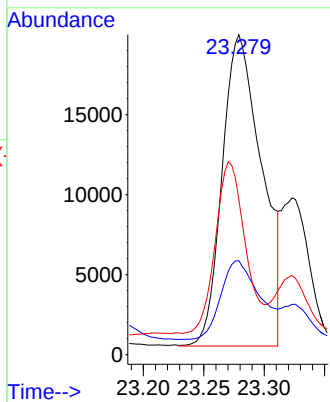
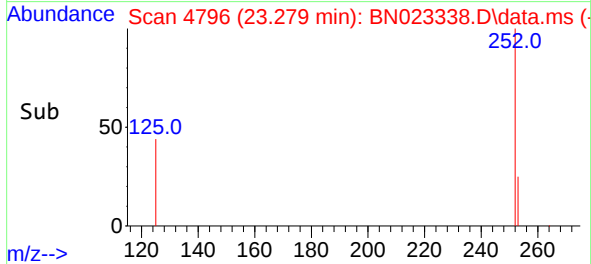
Instrument :
BNA_N
ClientSampleId :
DBXV0



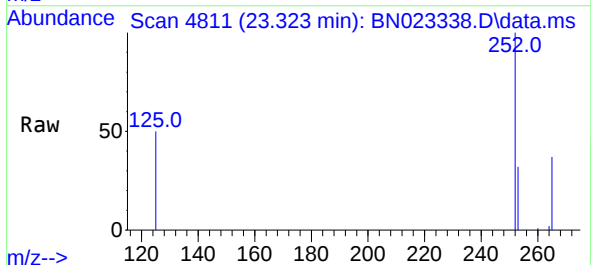
Tgt Ion:252 Resp: 44280
Ion Ratio Lower Upper
252 100
253 29.4 0.0 49.2
125 48.4 0.0 31.8

Manual Integrations
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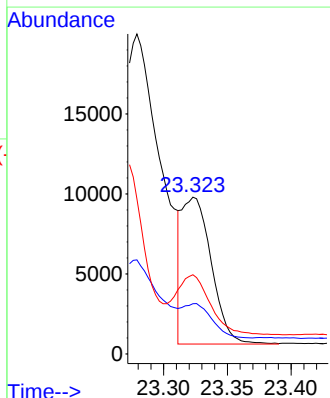
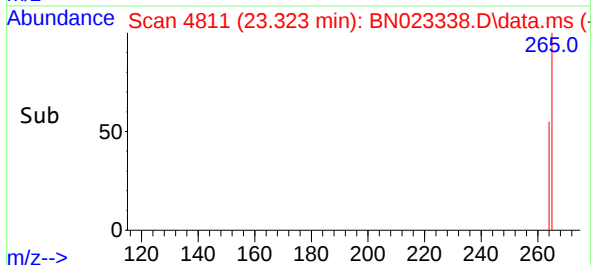
Reviewed By :Jagrut Upadhyay 12/23/2022
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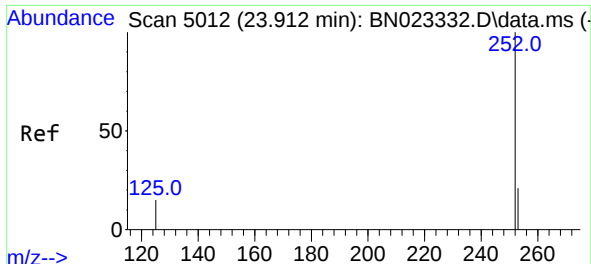


#25
Benzo(k)fluoranthene
Concen: 0.127 ng/ul m
RT: 23.323 min Scan# 4811
Delta R.T. -0.001 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23



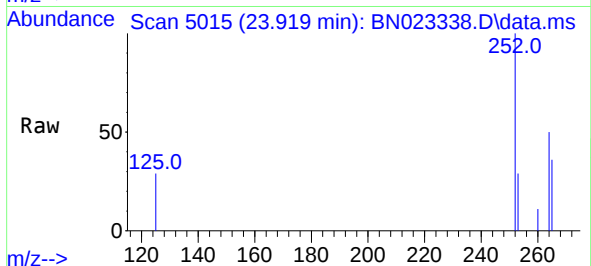
Tgt Ion:252 Resp: 14728
Ion Ratio Lower Upper
252 100
253 32.1 19.8 29.6#
125 50.5 12.6 18.8#





#26
Benzo(a)pyrene
Concen: 0.243 ng/u1
RT: 23.919 min Scan# 5015
Delta R.T. 0.005 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

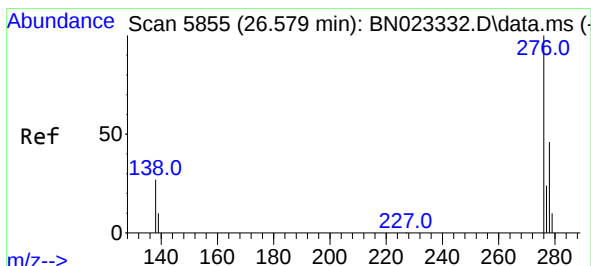
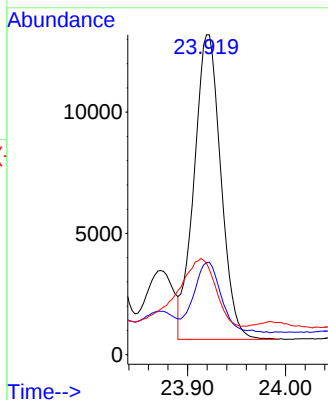
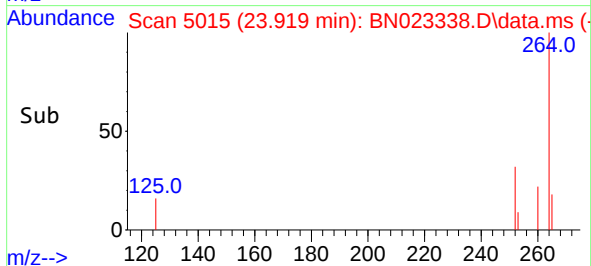
Instrument :
BNA_N
ClientSampleId :
DBXV0



Tgt Ion:252 Resp: 23790
Ion Ratio Lower Upper
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253 28.8 21.4 32.2
125 28.6 16.2 24.4

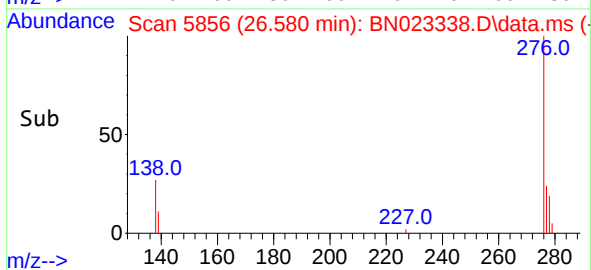
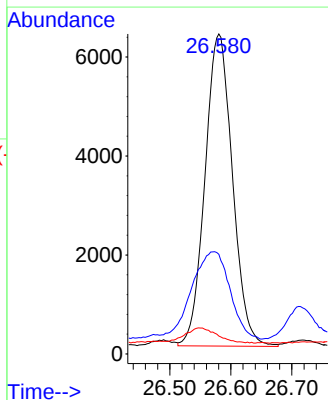
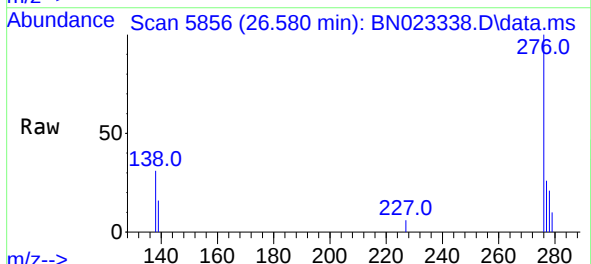
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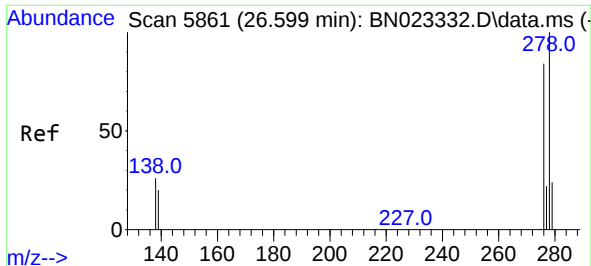
Reviewed By :Jagrut Upadhyay 12/23/2022
Supervised By :mohammad ahmed 12/23/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.173 ng/u1
RT: 26.580 min Scan# 5856
Delta R.T. 0.003 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

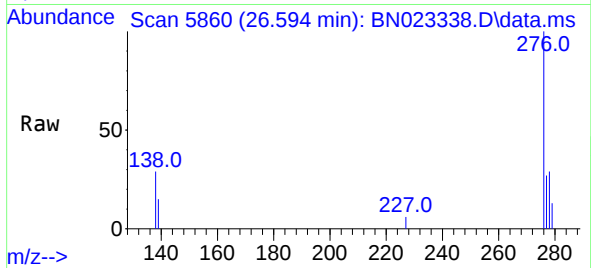
Tgt Ion:276 Resp: 19761
Ion Ratio Lower Upper
276 100
138 38.9 23.4 35.2#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 26.594 min Scan# 5861
Delta R.T. -0.007 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23

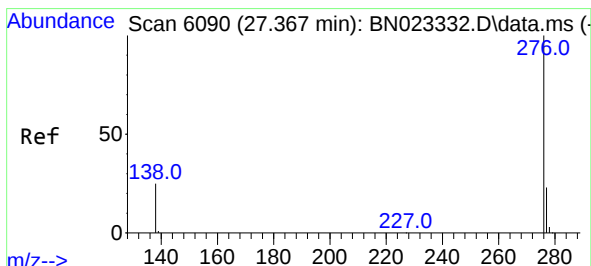
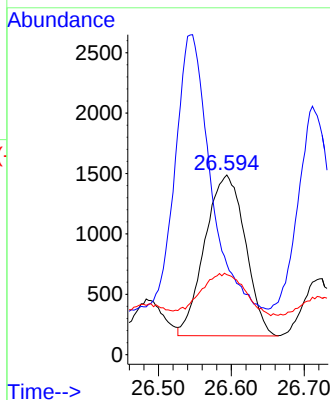
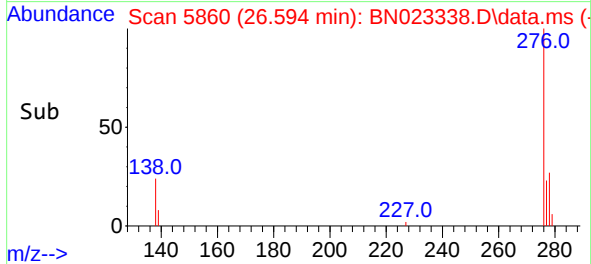
Instrument :
BNA_N
ClientSampleId :
DBXV0



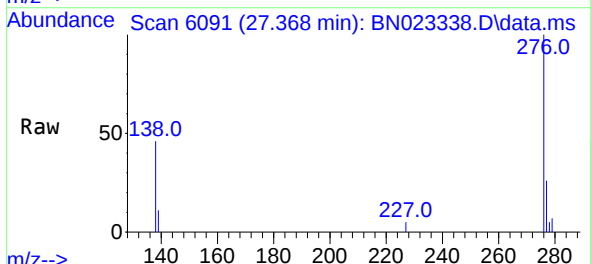
Tgt Ion:278 Resp: 511
Ion Ratio Lower Upper
278 100
139 50.4 16.6 24.8
279 44.5 21.3 31.9

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 27.368 min Scan# 6091
Delta R.T. -0.001 min
Lab File: BN023338.D
Acq: 22 Dec 2022 14:23



Tgt Ion:276 Resp: 14118
Ion Ratio Lower Upper
276 100
138 46.0 20.3 30.5
277 26.2 19.7 29.5

