

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
 Data File : BN022313.D
 Acq On : 25 Oct 2022 00:35
 Operator : CG/JU
 Sample : N5015-05DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1BE5DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

Quant Time: Oct 25 04:55:19 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 22 03:40:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.944	152	4767	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	16109	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8311	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.370	188	14432	0.400	ng/ul	0.00
17) Chrysene-d12	21.570	240	9510	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	8683	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	5006	0.808	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	1264	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.407	212	1953	0.061	ng/ul	0.00
Target Compounds					Qvalue	
10) Acenaphthylene	14.336	152	18952	0.508	ng/ul	99
11) Acenaphthene	14.679	153	1357	0.043	ng/ul	96
12) Fluorene	15.669	166	5008	0.137	ng/ul#	97
15) Phenanthrene	17.412	178	91509	1.889	ng/ul	99
16) Anthracene	17.505	178	19632	0.481	ng/ul	100
19) Fluoranthene	19.435	202	102936	2.363	ng/ul	100
20) Pyrene	19.798	202	137835	3.150	ng/ul	98
21) Benzo(a)anthracene	21.553	228	44236	1.241	ng/ul	96
22) Chrysene	21.608	228	44583	1.180	ng/ul	98
24) Benzo(b)fluoranthene	23.277	252	38517m	0.883	ng/ul	
25) Benzo(k)fluoranthene	23.318	252	10523m	0.248	ng/ul	
26) Benzo(a)pyrene	23.918	252	27896	0.802	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.608	276	14250	0.330	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.622	278	3952	0.114	ng/ul#	75
29) Benzo(g,h,i)perylene	27.410	276	12884	0.366	ng/ul	98

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

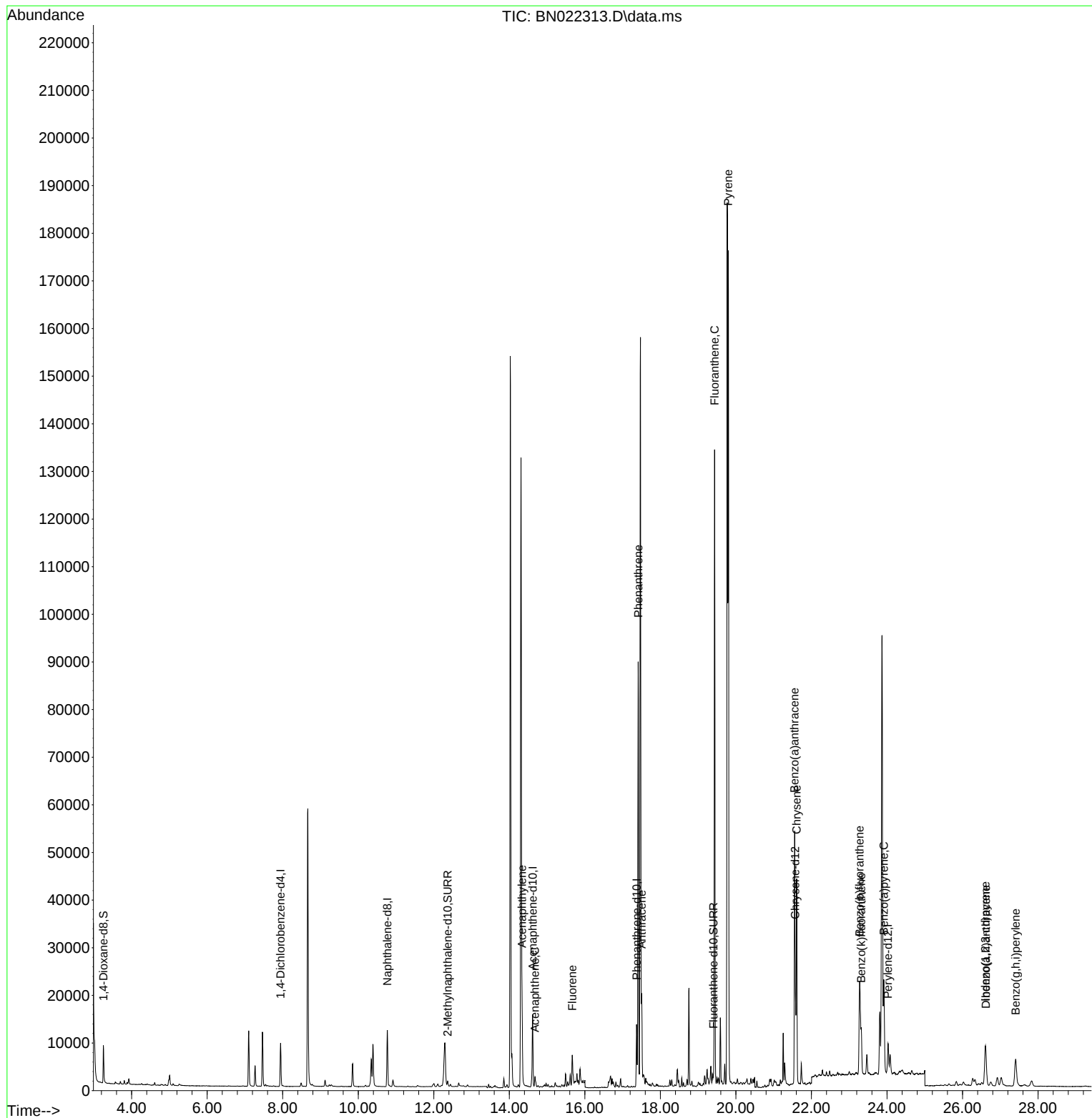
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102422\
Data File : BN022313.D
Acq On : 25 Oct 2022 00:35
Operator : CG/JU
Sample : N5015-05DL 5X
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ALS Vial : 27 Sample Multiplier: 1

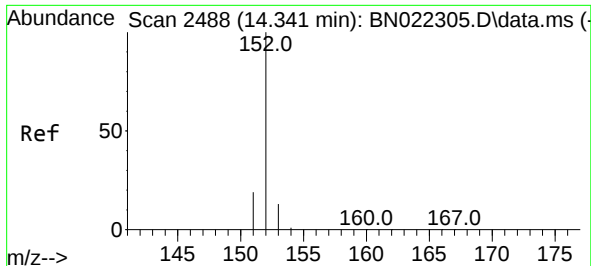
Instrument :
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C1BE5DL

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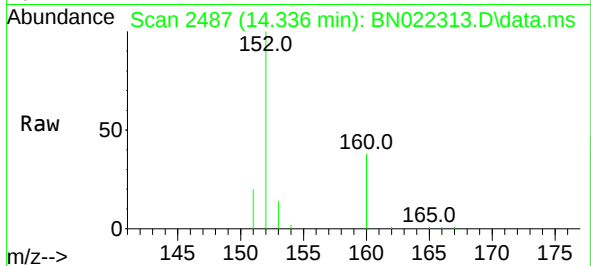
Quant Time: Oct 25 04:55:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 22 03:40:14 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.508 ng/ul
RT: 14.336 min Scan# 2487
Delta R.T. -0.005 min
Lab File: BN022313.D
Acq: 25 Oct 2022 00:35

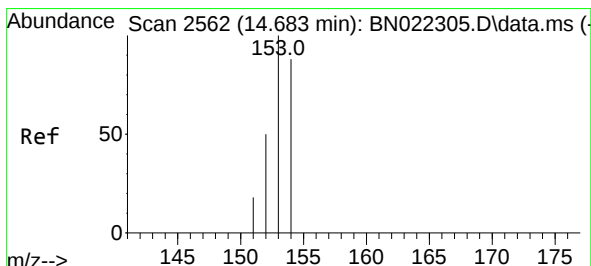
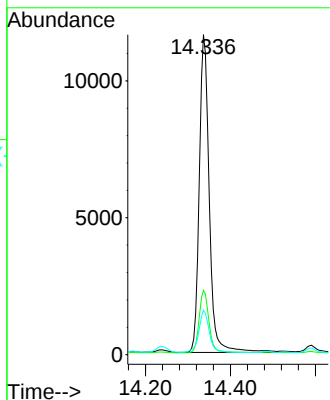
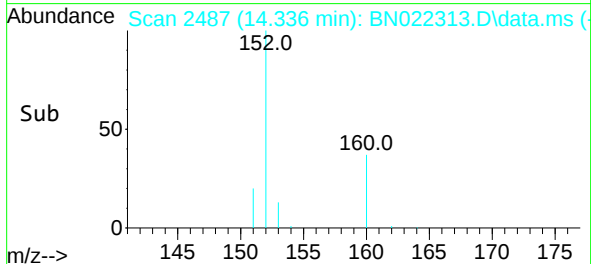
Instrument :
BNA_N
ClientSampleId :
C1BE5DL



Tgt Ion:152 Resp: 1895
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.9 10.8 16.2

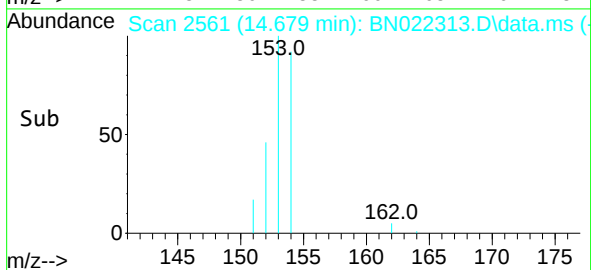
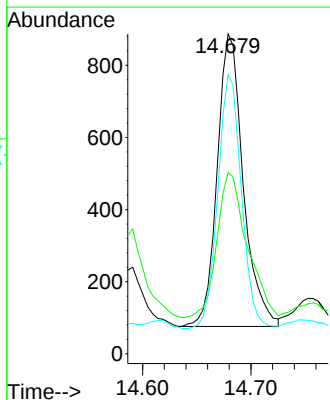
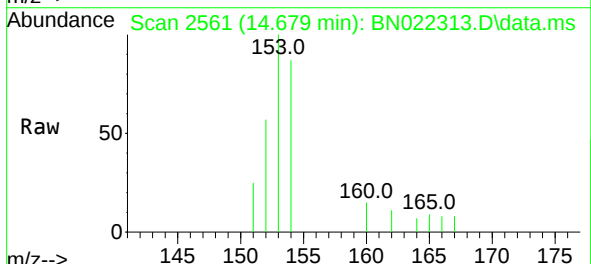
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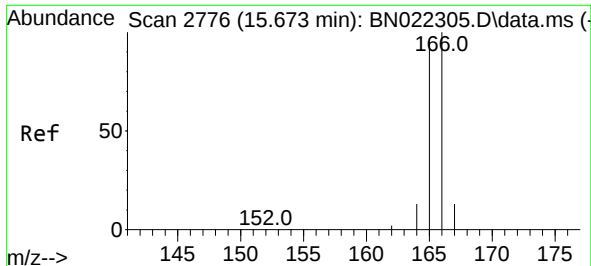
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#11
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.679 min Scan# 2561
Delta R.T. -0.005 min
Lab File: BN022313.D
Acq: 25 Oct 2022 00:35

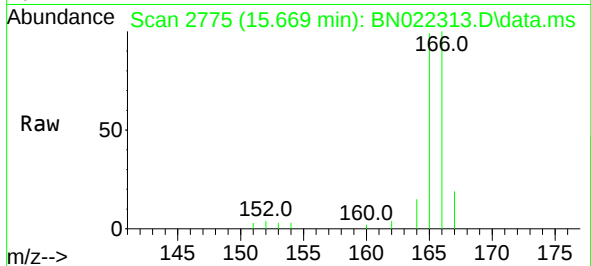
Tgt Ion:153 Resp: 1357
Ion Ratio Lower Upper
153 100
152 56.7 40.6 61.0
154 87.3 70.6 106.0





#12
Fluorene
Concen: 0.137 ng/u1
RT: 15.669 min Scan# 211
Delta R.T. -0.005 min
Lab File: BN022313.D
Acq: 25 Oct 2022 00:35

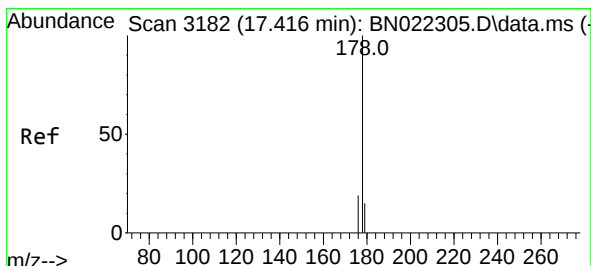
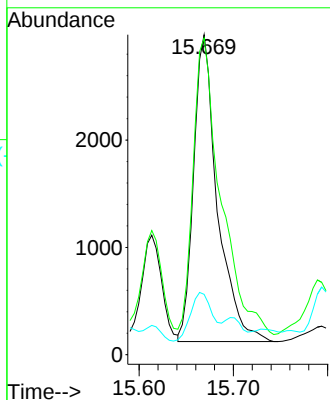
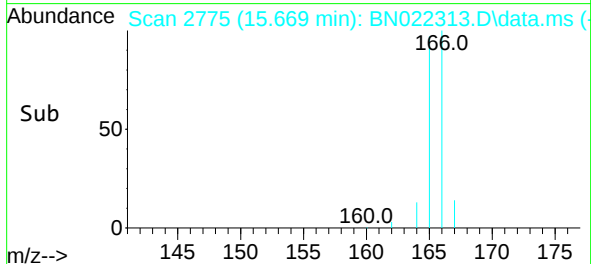
Instrument :
BNA_N
ClientSampleId :
C1BE5DL



Tgt Ion:166 Resp: 5000
Ion Ratio Lower Upper
166 100
165 99.0 78.2 117.2
167 18.8 11.0 16.4

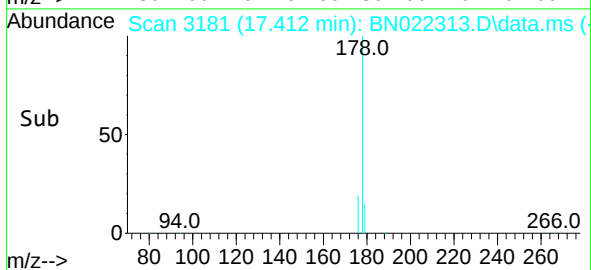
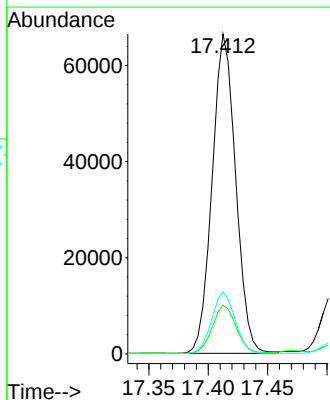
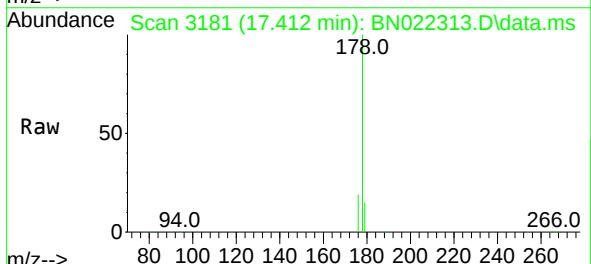
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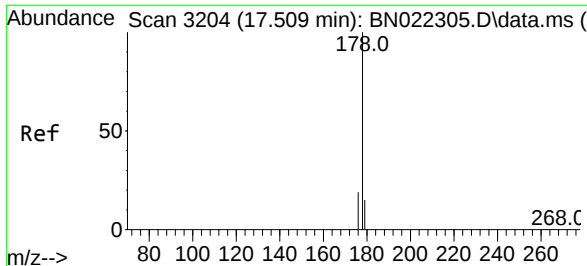
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#15
Phenanthrene
Concen: 1.889 ng/u1
RT: 17.412 min Scan# 3181
Delta R.T. -0.004 min
Lab File: BN022313.D
Acq: 25 Oct 2022 00:35

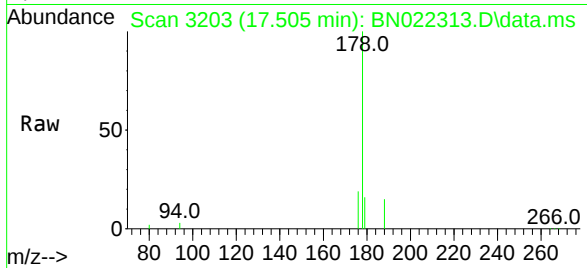
Tgt Ion:178 Resp: 91509
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.4 15.4 23.2





#16
 Anthracene
 Concen: 0.481 ng/ul
 RT: 17.505 min Scan# 31
 Delta R.T. -0.004 min
 Lab File: BN022313.D
 Acq: 25 Oct 2022 00:35

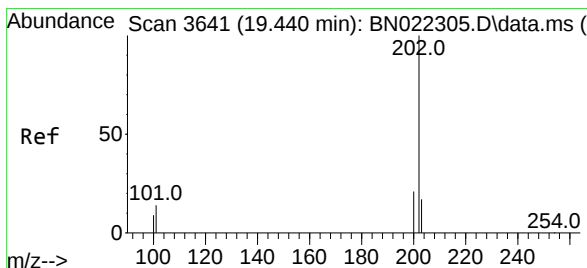
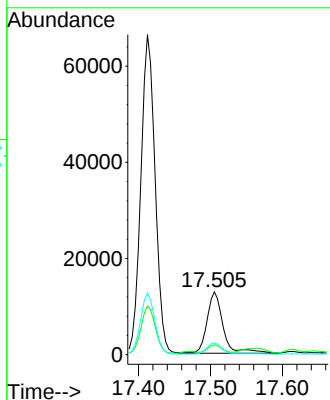
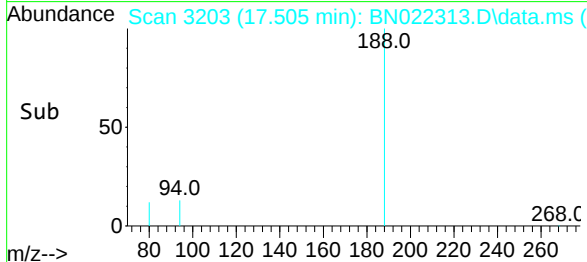
Instrument :
 BNA_N
 ClientSampleId :
 C1BE5DL



Tgt Ion:178 Resp: 19632
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.6 18.8
 176 19.0 15.0 22.6

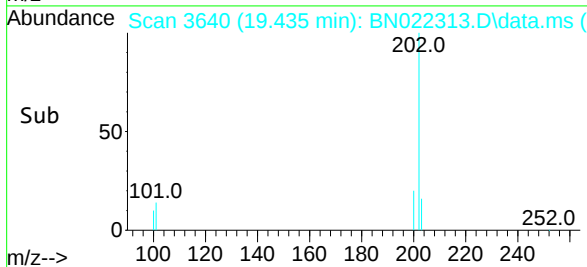
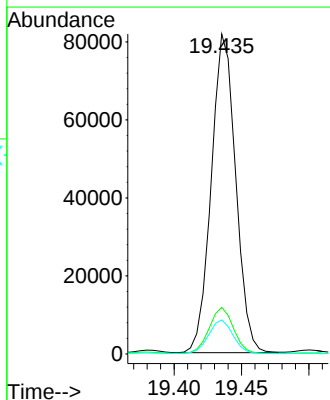
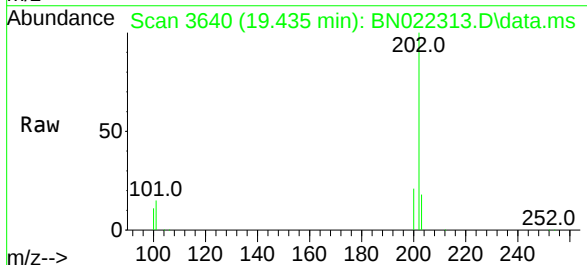
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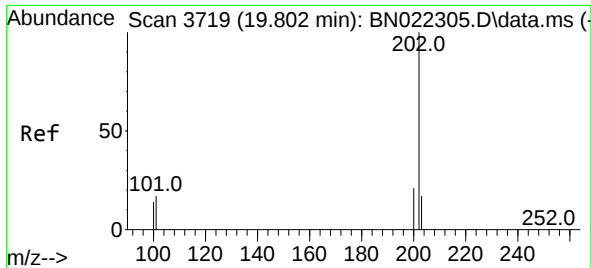
Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022



#19
 Fluoranthene
 Concen: 2.363 ng/ul
 RT: 19.435 min Scan# 3640
 Delta R.T. -0.005 min
 Lab File: BN022313.D
 Acq: 25 Oct 2022 00:35

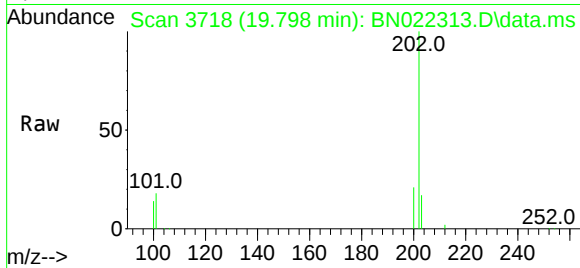
Tgt Ion:202 Resp: 102936
 Ion Ratio Lower Upper
 202 100
 101 14.6 11.8 17.6
 100 10.6 8.7 13.1





#20
Pyrene
Concen: 3.150 ng/u1
RT: 19.798 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN022313.D
Acq: 25 Oct 2022 00:35

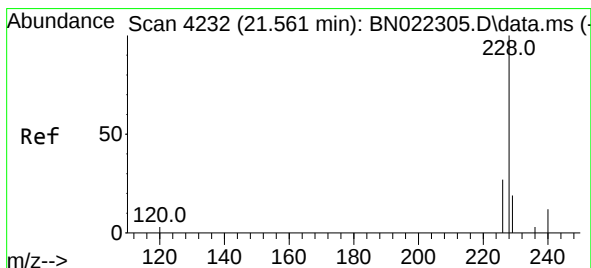
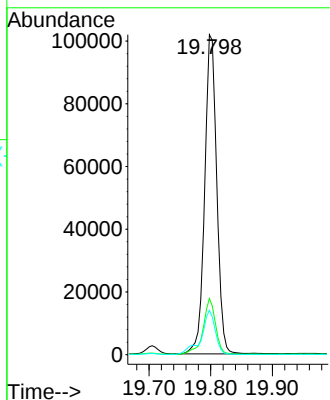
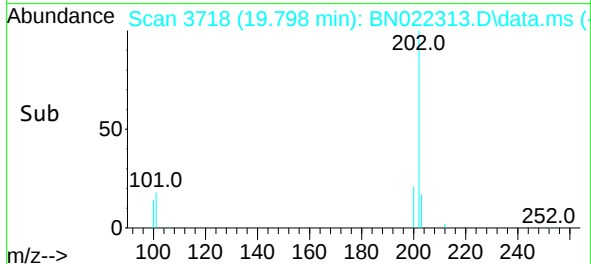
Instrument :
BNA_N
ClientSampleId :
C1BE5DL



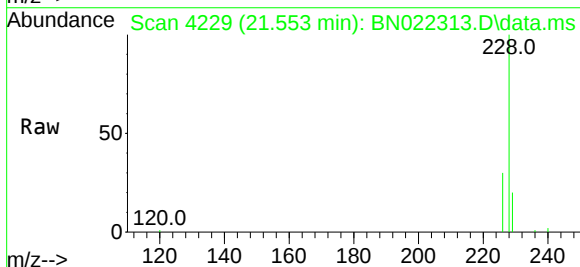
Tgt Ion:202 Resp: 13783
Ion Ratio Lower Upper
202 100
101 17.5 13.1 19.7
100 13.8 10.6 16.0

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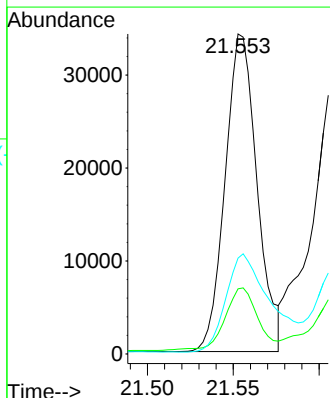
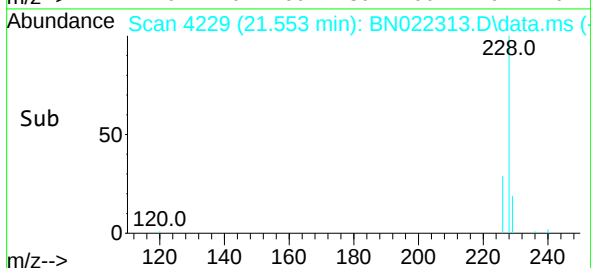
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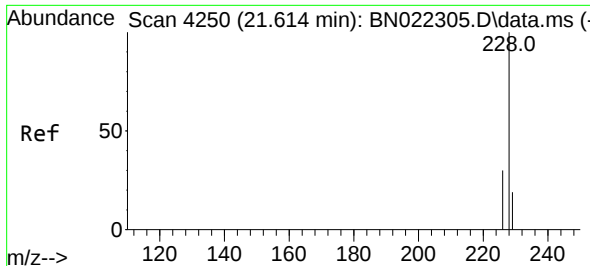


#21
Benzo(a)anthracene
Concen: 1.241 ng/u1
RT: 21.553 min Scan# 4229
Delta R.T. -0.006 min
Lab File: BN022313.D
Acq: 25 Oct 2022 00:35



Tgt Ion:228 Resp: 44236
Ion Ratio Lower Upper
228 100
229 20.3 15.7 23.5
226 29.9 21.5 32.3





#22

Chrysene

Concen: 1.180 ng/ul

RT: 21.608 min Scan# 41

Delta R.T. -0.003 min

Lab File: BN022313.D

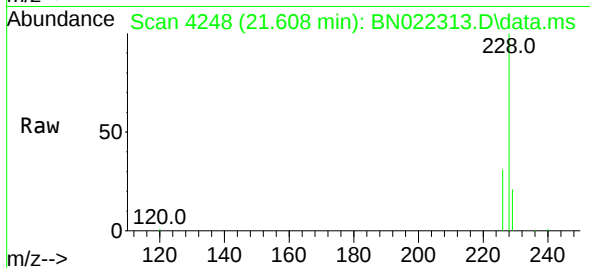
Acq: 25 Oct 2022 00:35

Instrument :

BNA_N

ClientSampleId :

C1BE5DL



Tgt Ion:228 Resp: 4458

Ion Ratio Lower Upper

228 100

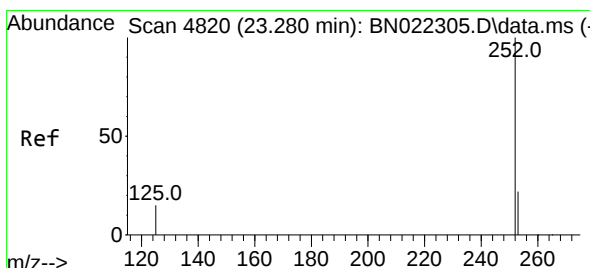
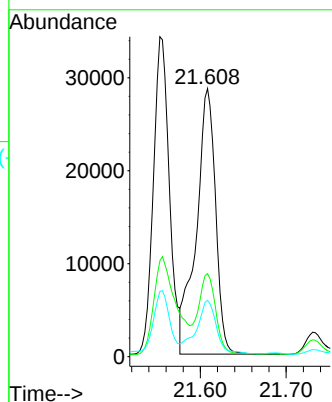
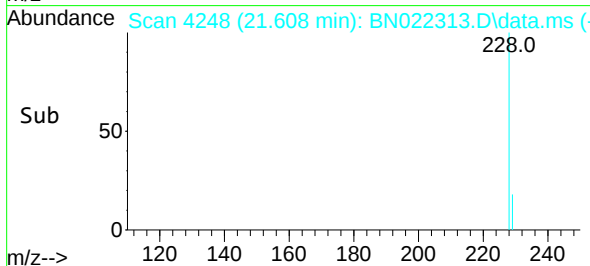
226 31.0 23.9 35.9

229 21.0 15.9 23.9

Manual Integrations

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Supervised By :mohammad ahmed 10/27/2022



#24

Benzo(b)fluoranthene

Concen: 0.883 ng/ul m

RT: 23.277 min Scan# 4819

Delta R.T. 0.000 min

Lab File: BN022313.D

Acq: 25 Oct 2022 00:35

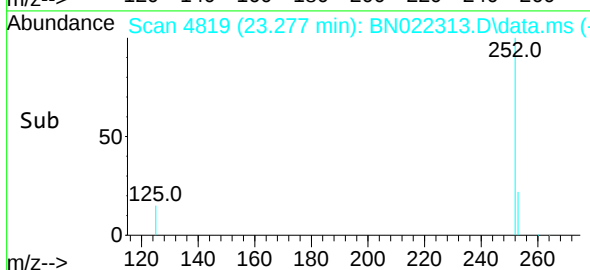
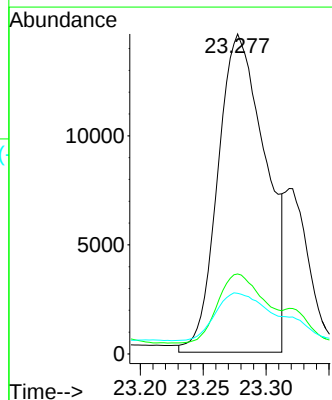
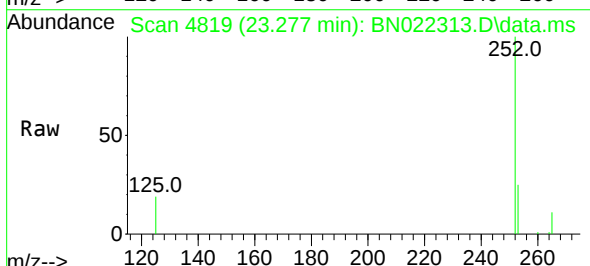
Tgt Ion:252 Resp: 38517

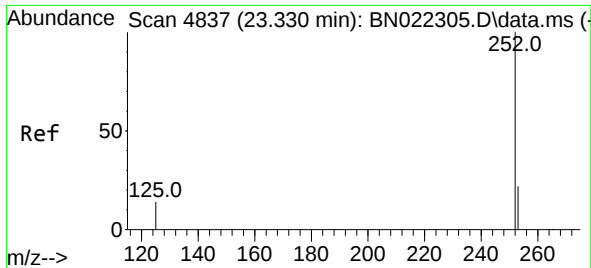
Ion Ratio Lower Upper

252 100

253 25.0 0.0 49.0

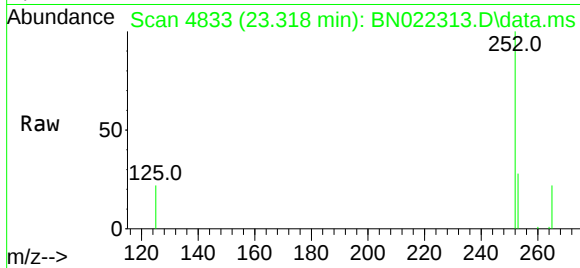
125 18.9 0.0 35.2





#25
Benzo(k)fluoranthene
Concen: 0.248 ng/ul m
RT: 23.318 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022313.D
Acq: 25 Oct 2022 00:35

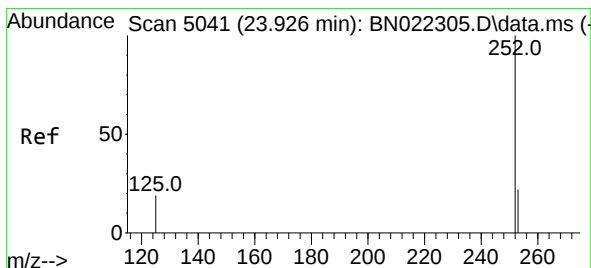
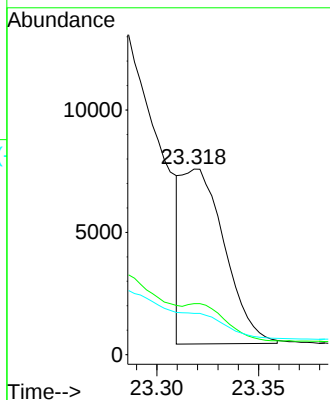
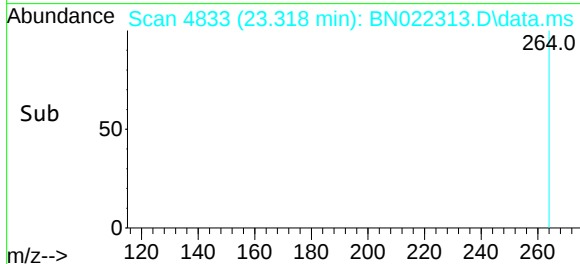
Instrument :
BNA_N
ClientSampleId :
C1BE5DL



Tgt Ion:252 Resp: 10520
Ion Ratio Lower Upper
252 100
253 27.5 19.7 29.5
125 22.3 14.0 21.0

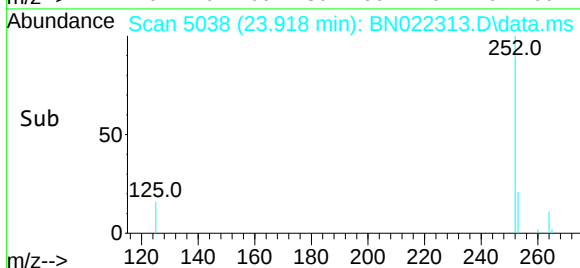
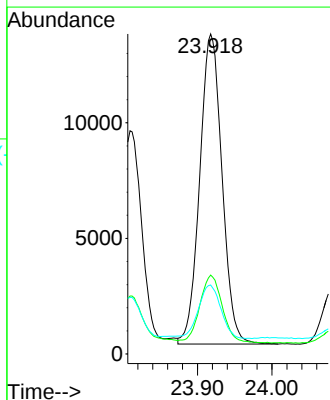
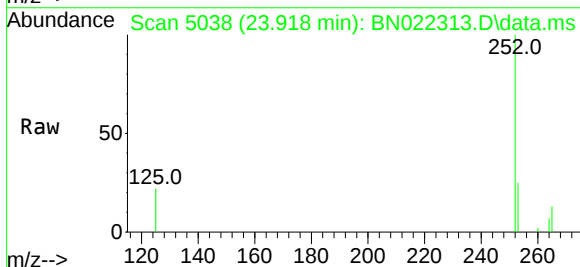
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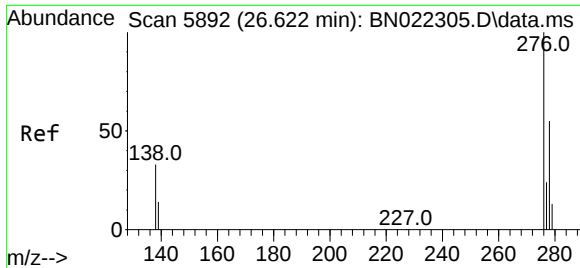
Reviewed By :Jagrut Upadhyay 10/25/2022
Supervised By :mohammad ahmed 10/27/2022



#26
Benzo(a)pyrene
Concen: 0.802 ng/ul
RT: 23.918 min Scan# 5038
Delta R.T. -0.003 min
Lab File: BN022313.D
Acq: 25 Oct 2022 00:35

Tgt Ion:252 Resp: 27896
Ion Ratio Lower Upper
252 100
253 24.6 21.0 31.6
125 21.6 17.9 26.9





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.330 ng/ul

RT: 26.608 min Scan# 5888

Delta R.T. -0.007 min

Lab File: BN022313.D

Acq: 25 Oct 2022 00:35

Instrument :

BNA_N

ClientSampleId :

C1BE5DL

Tgt Ion:276 Resp: 14250

Ion Ratio Lower Upper

276 100

138 30.8 27.7 41.5

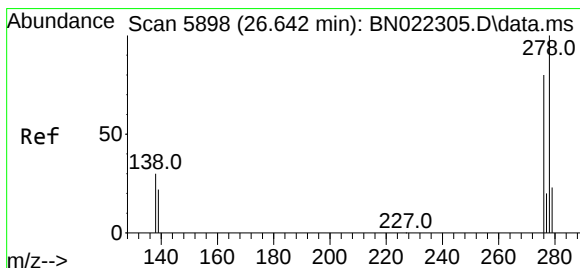
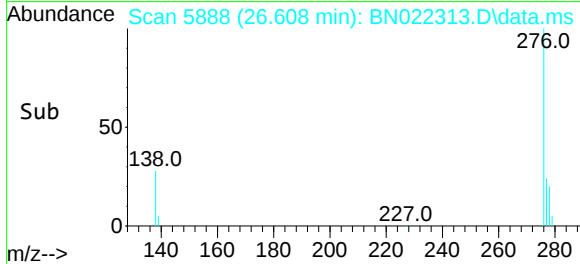
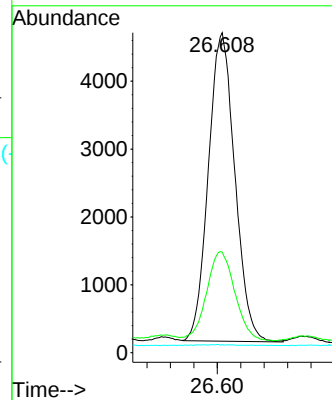
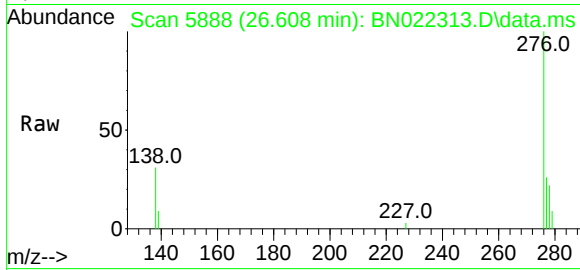
227 0.1 0.2 0.2

Manual Integrations

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Supervised By :mohammad ahmed 10/27/2022



#28

Dibenzo(a,h)anthracene

Concen: 0.114 ng/ul

RT: 26.622 min Scan# 5892

Delta R.T. -0.017 min

Lab File: BN022313.D

Acq: 25 Oct 2022 00:35

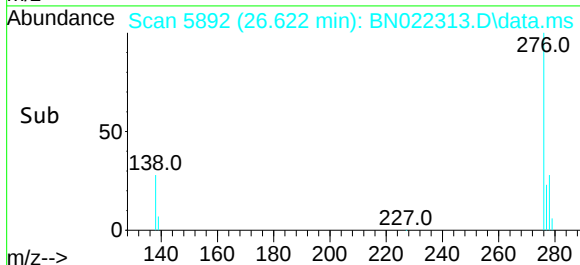
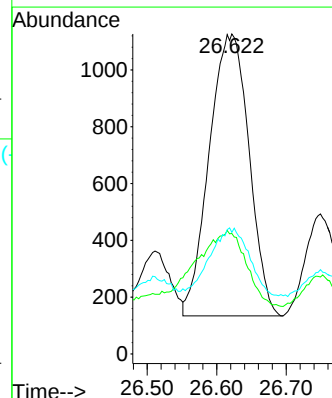
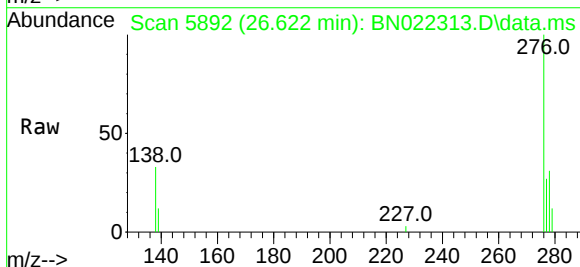
Tgt Ion:278 Resp: 3952

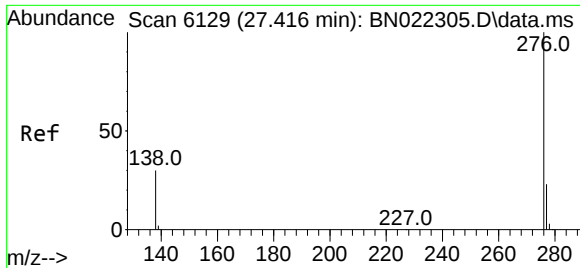
Ion Ratio Lower Upper

278 100

139 37.6 19.6 29.4#

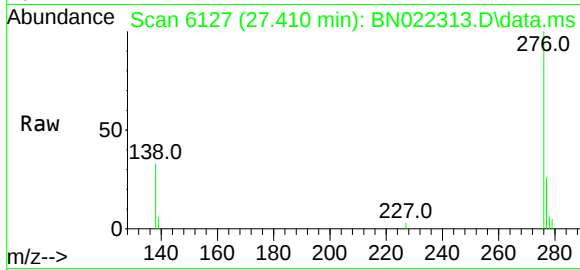
279 38.0 20.6 30.8#





#29
 Benzo(g,h,i)perylene
 Concen: 0.366 ng/ul
 RT: 27.410 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN022313.D
 Acq: 25 Oct 2022 00:35

Instrument :
 BNA_N
 ClientSampleId :
 C1BE5DL



Tgt Ion:276 Resp: 12884
 Ion Ratio Lower Upper
 276 100
 138 32.6 25.2 37.8
 277 26.0 19.9 29.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/25/2022
 Supervised By :mohammad ahmed 10/27/2022

