

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022254.D
 Acq On : 21 Oct 2022 15:02
 Operator : CG/JU
 Sample : N5015-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C1BE8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022
 Supervised By :mohammad ahmed 10/24/2022

Quant Time: Oct 21 22:39:37 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 : Wed Oct 19 23:32:34 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	4444	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	15602	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	9147	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.378	188	19058	0.400	ng/ul	0.00
17) Chrysene-d12	21.579	240	13005	0.400	ng/ul	# 0.00
23) Perylene-d12	24.037	264	9295	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	27190	4.708	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.372	152	7264	0.308	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	15392	0.353	ng/ul	0.00
Target Compounds						
						Qvalue
10) Acenaphthylene	14.341	152	937	0.023	ng/ul#	76
15) Phenanthrene	17.421	178	14379	0.225	ng/ul	100
16) Anthracene	17.509	178	1230	0.023	ng/ul#	82
19) Fluoranthene	19.440	202	21707	0.364	ng/ul	99
20) Pyrene	19.807	202	15889m	0.266	ng/ul	
21) Benzo(a)anthracene	21.561	228	7078	0.145	ng/ul	95
22) Chrysene	21.617	228	6012	0.116	ng/ul	95
24) Benzo(b)fluoranthene	23.286	252	6521m	0.140	ng/ul	
25) Benzo(k)fluoranthene	23.330	252	2179m	0.048	ng/ul	
26) Benzo(a)pyrene	23.929	252	3307	0.089	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.622	276	2336	0.050	ng/ul	95
29) Benzo(g,h,i)perylene	27.420	276	1848	0.049	ng/ul#	72

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

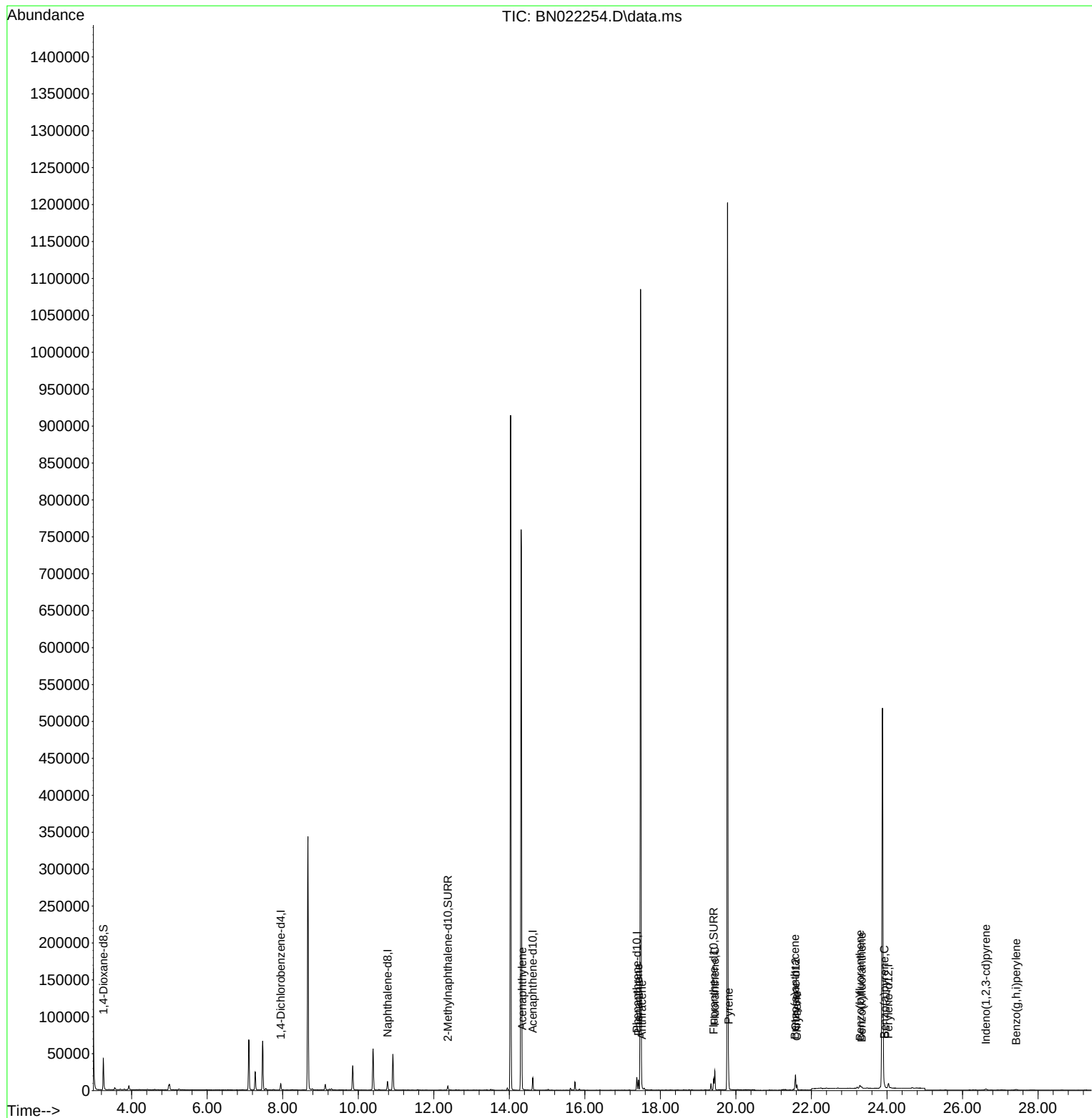
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022254.D
Acq On : 21 Oct 2022 15:02
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Misc :
ALS Vial : 10 Sample Multiplier: 1

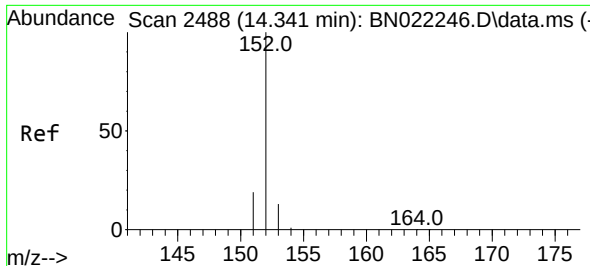
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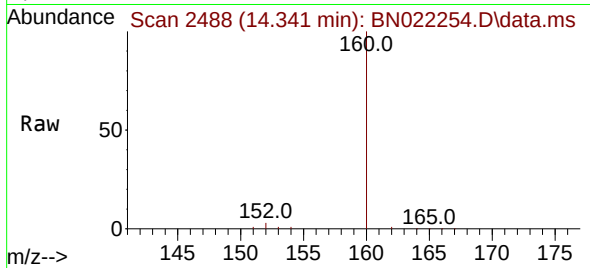
Quant Time: Oct 21 22:39:37 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.023 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

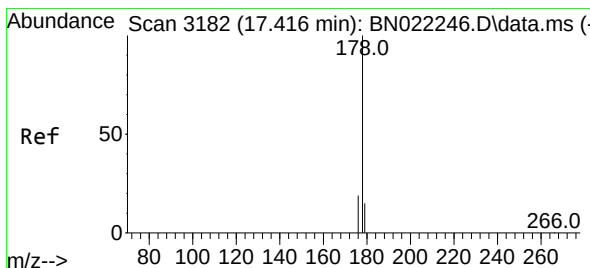
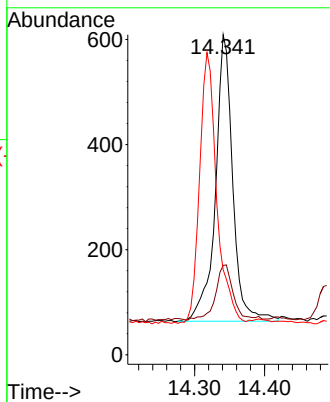
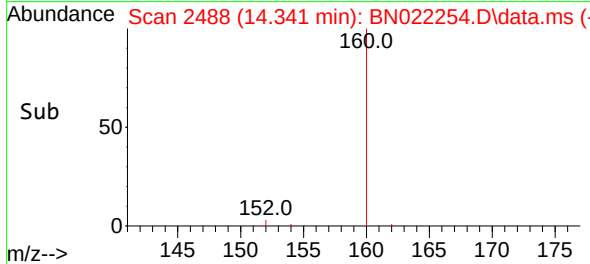
Instrument :
BNA_N
ClientSampleId :
C1BE8



Tgt Ion:152 Resp: 937
Ion Ratio Lower Upper
152 100
151 27.9 15.9 23.9
153 26.6 10.8 16.2

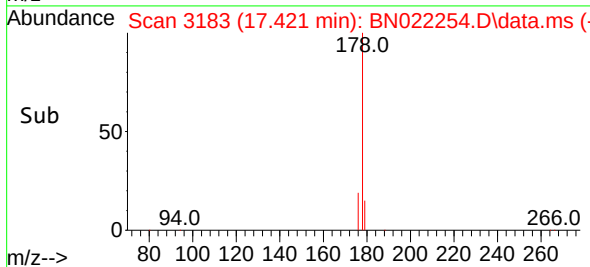
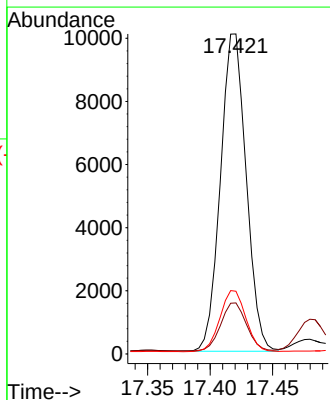
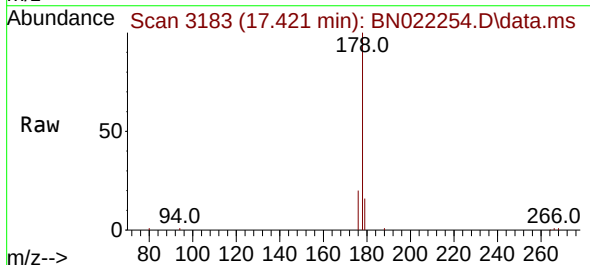
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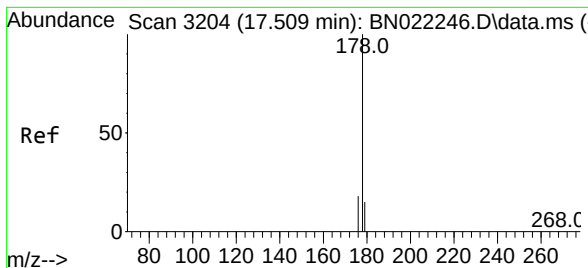
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#15
Phenanthrene
Concen: 0.225 ng/ul
RT: 17.421 min Scan# 3183
Delta R.T. -0.003 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

Tgt Ion:178 Resp: 14379
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.6 15.4 23.2





#16

Anthracene

Concen: 0.023 ng/ul

RT: 17.509 min Scan# 3204

Delta R.T. -0.007 min

Lab File: BN022254.D

Acq: 21 Oct 2022 15:02

Instrument :

BNA_N

ClientSampleId :

C1BE8

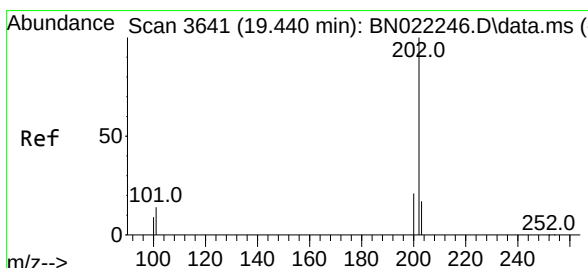
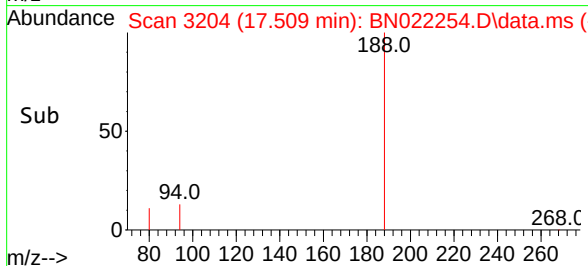
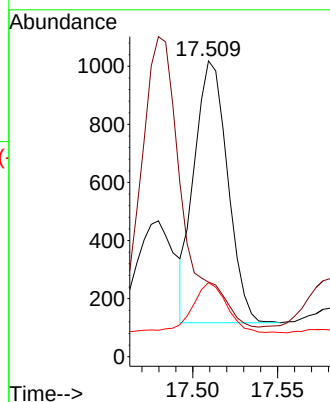
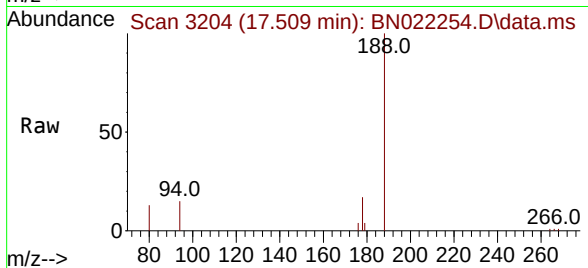
Tgt Ion:178 Resp: 1230

Ion	Ratio	Lower	Upper
178	100		
179	25.2	12.6	18.8
176	25.0	15.0	22.6

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#19

Fluoranthene

Concen: 0.364 ng/ul

RT: 19.440 min Scan# 3641

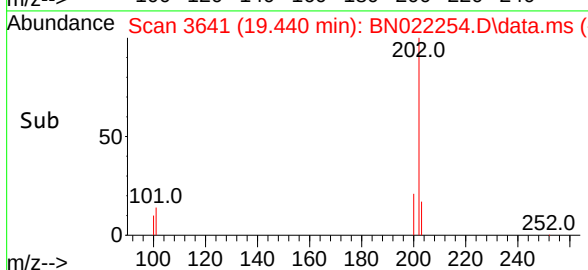
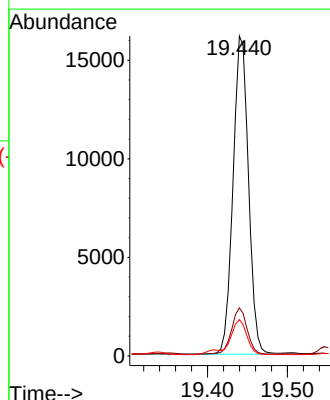
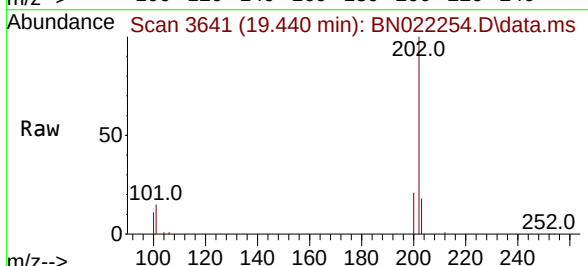
Delta R.T. -0.004 min

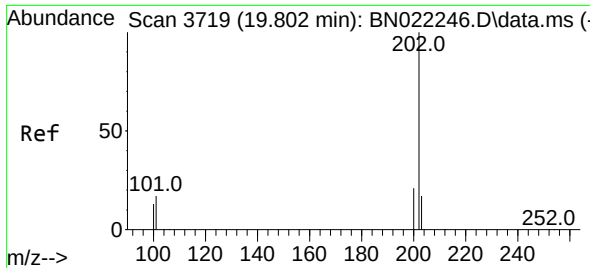
Lab File: BN022254.D

Acq: 21 Oct 2022 15:02

Tgt Ion:202 Resp: 21707

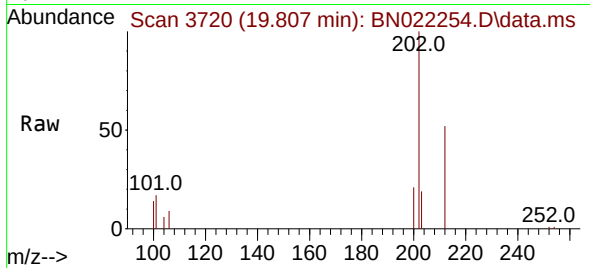
Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.8	17.6
100	11.4	8.7	13.1





#20
Pyrene
Concen: 0.266 ng/ul m
RT: 19.807 min Scan# 3719
Delta R.T. -0.004 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

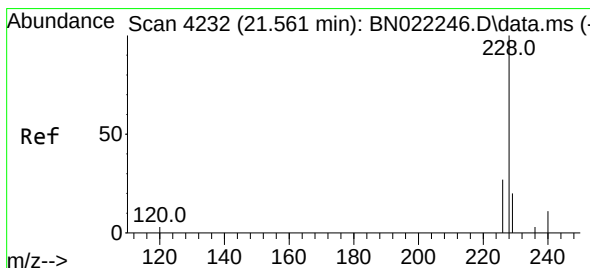
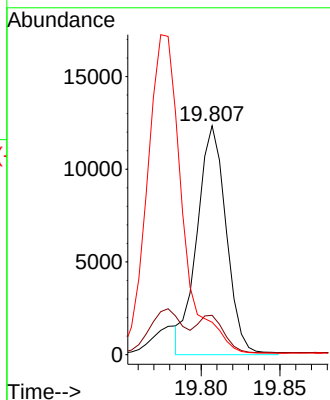
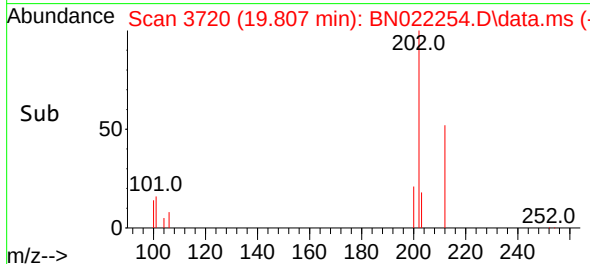
Instrument :
BNA_N
ClientSampleId :
C1BE8



Tgt Ion:202 Resp: 15889
Ion Ratio Lower Upper
202 100
101 17.2 13.1 19.7
100 14.2 10.6 16.0

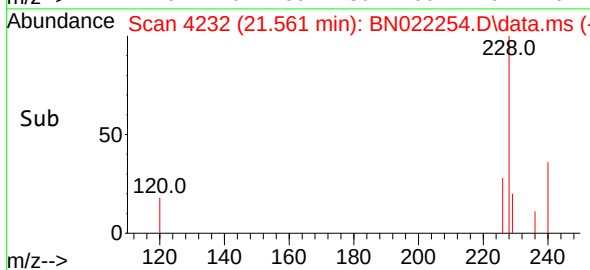
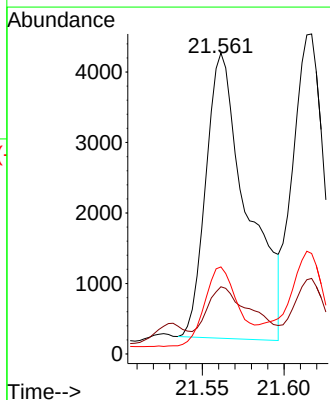
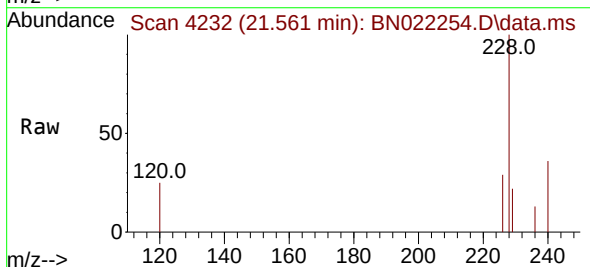
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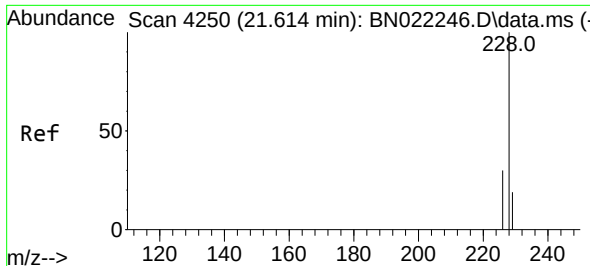
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#21
Benzo(a)anthracene
Concen: 0.145 ng/ul
RT: 21.561 min Scan# 4232
Delta R.T. -0.006 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

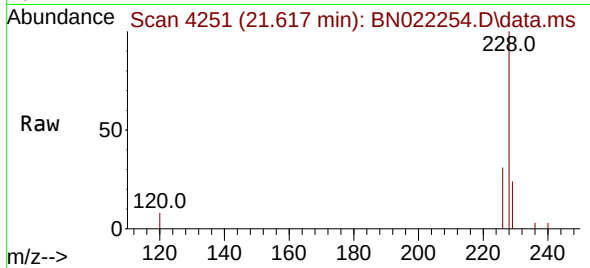
Tgt Ion:228 Resp: 7078
Ion Ratio Lower Upper
228 100
229 22.3 15.7 23.5
226 28.9 21.5 32.3





#22
Chrysene
Concen: 0.116 ng/ul
RT: 21.617 min Scan# 4251
Delta R.T. -0.004 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

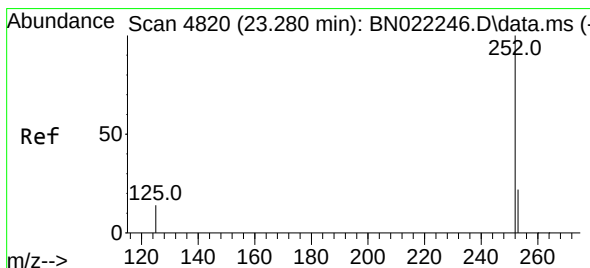
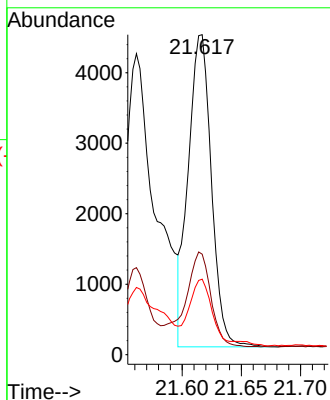
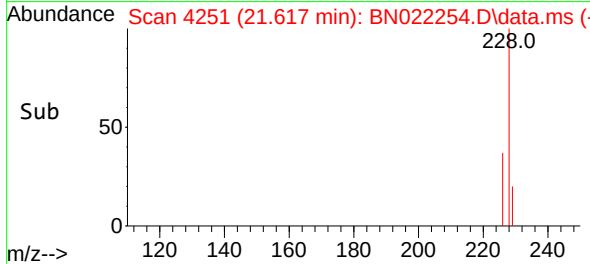
Instrument :
BNA_N
ClientSampleId :
C1BE8



Tgt Ion:228 Resp: 6012
Ion Ratio Lower Upper
228 100
226 31.4 23.9 35.9
229 23.6 15.9 23.9

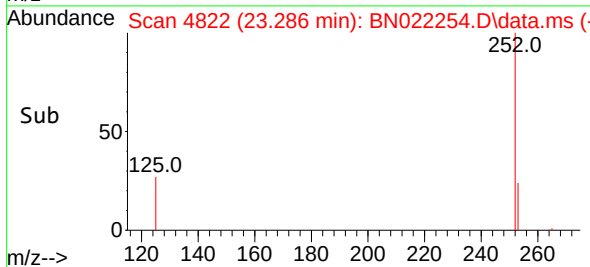
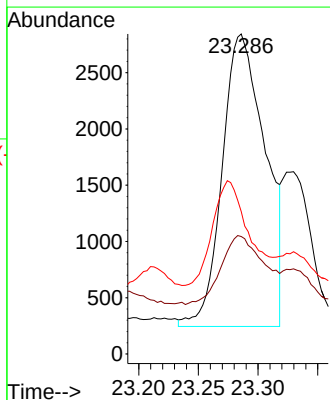
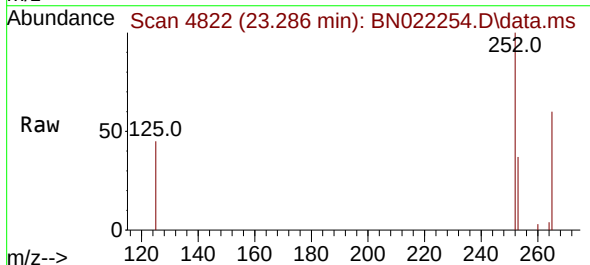
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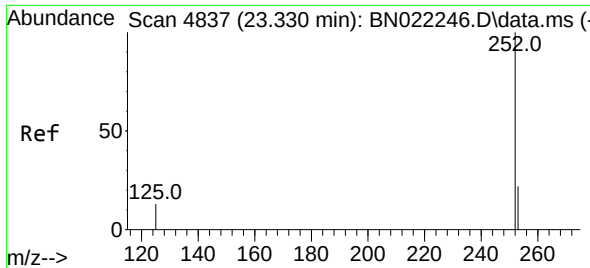
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Supervised By :mohammad ahmed 10/24/2022



#24
Benzo(b)fluoranthene
Concen: 0.140 ng/ul m
RT: 23.286 min Scan# 4822
Delta R.T. -0.004 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

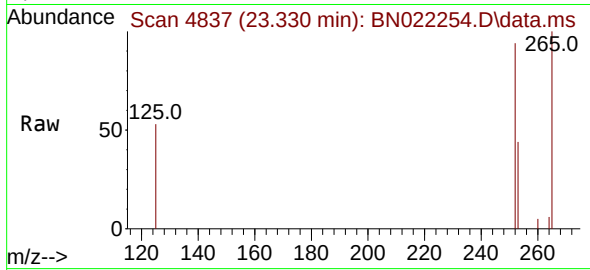
Tgt Ion:252 Resp: 6521
Ion Ratio Lower Upper
252 100
253 36.7 0.0 49.0
125 44.5 0.0 35.2#





#25
Benzo(k)fluoranthene
Concen: 0.048 ng/ul m
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

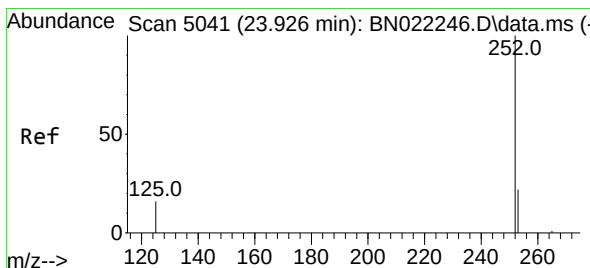
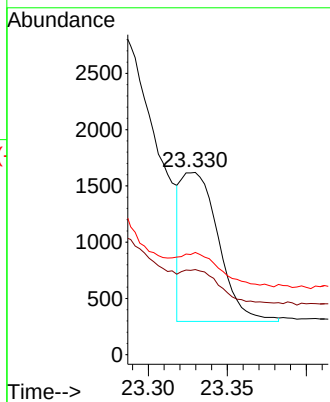
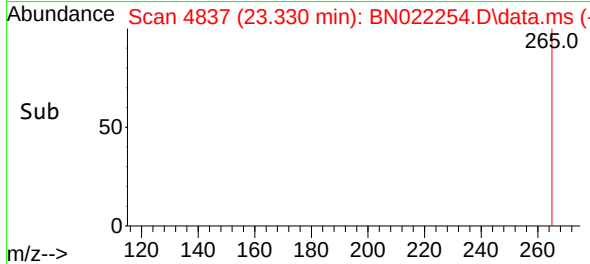
Instrument :
BNA_N
ClientSampleId :
C1BE8



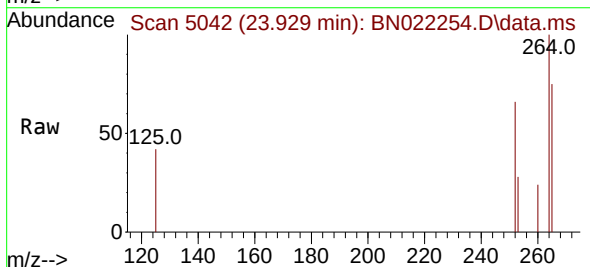
Tgt Ion:252 Resp: 2179
Ion Ratio Lower Upper
252 100
253 46.7 19.7 29.5#
125 56.1 14.0 21.0#

Manual Integrations
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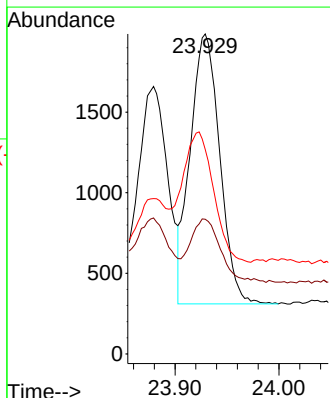
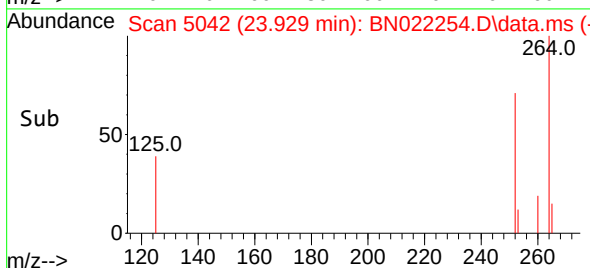
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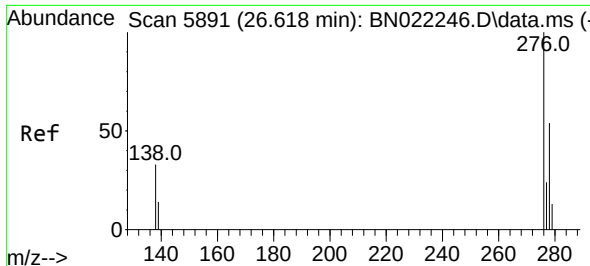


#26
Benzo(a)pyrene
Concen: 0.089 ng/ul
RT: 23.929 min Scan# 5042
Delta R.T. -0.006 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02



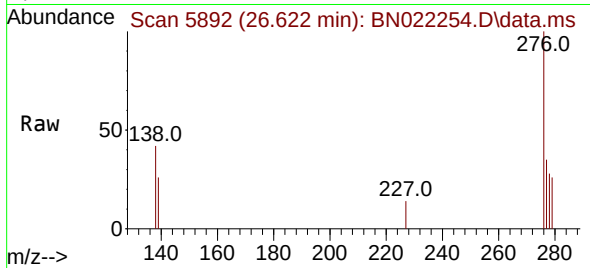
Tgt Ion:252 Resp: 3307
Ion Ratio Lower Upper
252 100
253 42.1 21.0 31.6#
125 63.9 17.9 26.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.050 ng/ul
RT: 26.622 min Scan# 5892
Delta R.T. -0.014 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

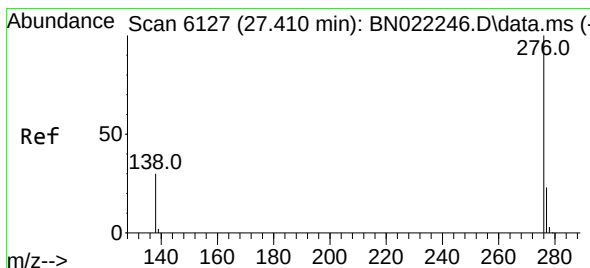
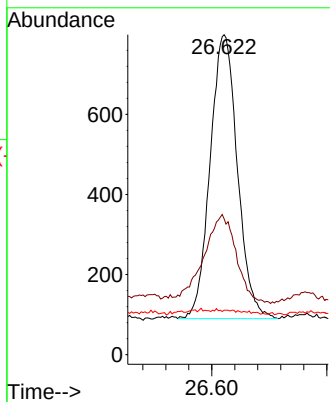
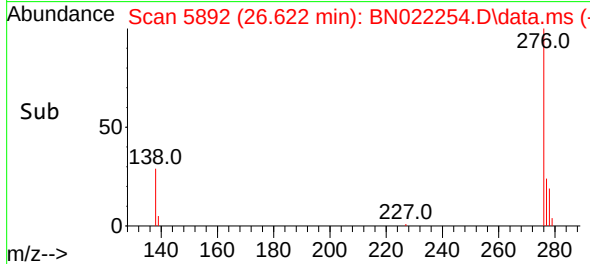
Instrument :
BNA_N
ClientSampleId :
C1BE8



Tgt Ion:276 Resp: 2336
Ion Ratio Lower Upper
276 100
138 37.7 27.7 41.5
227 0.2 0.2 0.2

Manual Integrations
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Supervised By :mohammad ahmed 10/24/2022



#29
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 27.420 min Scan# 6130
Delta R.T. -0.011 min
Lab File: BN022254.D
Acq: 21 Oct 2022 15:02

Tgt Ion:276 Resp: 1848
Ion Ratio Lower Upper
276 100
138 47.6 25.2 37.8#
277 38.4 19.9 29.9#

