

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
 Data File : BN022262.D
 Acq On : 21 Oct 2022 20:02
 Operator : CG/JU
 Sample : N5064-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0BH6

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 22:41:58 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	7.949	152	4203	0.400	ng/ul	0.00
4) Naphthalene-d8	10.772	136	14193	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.619	164	8377	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	16543	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	9062	0.400	ng/ul	# 0.00
23) Perylene-d12	24.034	264	7245	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	23976	4.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	6431	0.299	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	11714	0.385	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	47676	1.137	ng/ul	99
7) 2-Methylnaphthalene	12.444	142	37862	1.433	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	31170	1.147	ng/ul	100
10) Acenaphthylene	14.341	152	22289	0.593	ng/ul#	96
11) Acenaphthene	14.683	153	3763	0.119	ng/ul	98
12) Fluorene	15.673	166	8353	0.227	ng/ul#	97
15) Phenanthrene	17.417	178	297624	5.359	ng/ul	99
16) Anthracene	17.509	178	34964	0.747	ng/ul	100
19) Fluoranthene	19.440	202	403925	9.731	ng/ul	100
20) Pyrene	19.807	202	361064	8.659	ng/ul	99
21) Benzo(a)anthracene	21.559	228	131705	3.879	ng/ul	97
22) Chrysene	21.611	228	174825	4.858	ng/ul	98
24) Benzo(b)fluoranthene	23.283	252	183881m	5.054	ng/ul	
25) Benzo(k)fluoranthene	23.327	252	61993m	1.752	ng/ul	
26) Benzo(a)pyrene	23.926	252	107483	3.706	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.612	276	84608	2.347	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.625	278	22192	0.770	ng/ul#	91
29) Benzo(g,h,i)perylene	27.416	276	67856	2.310	ng/ul	98

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

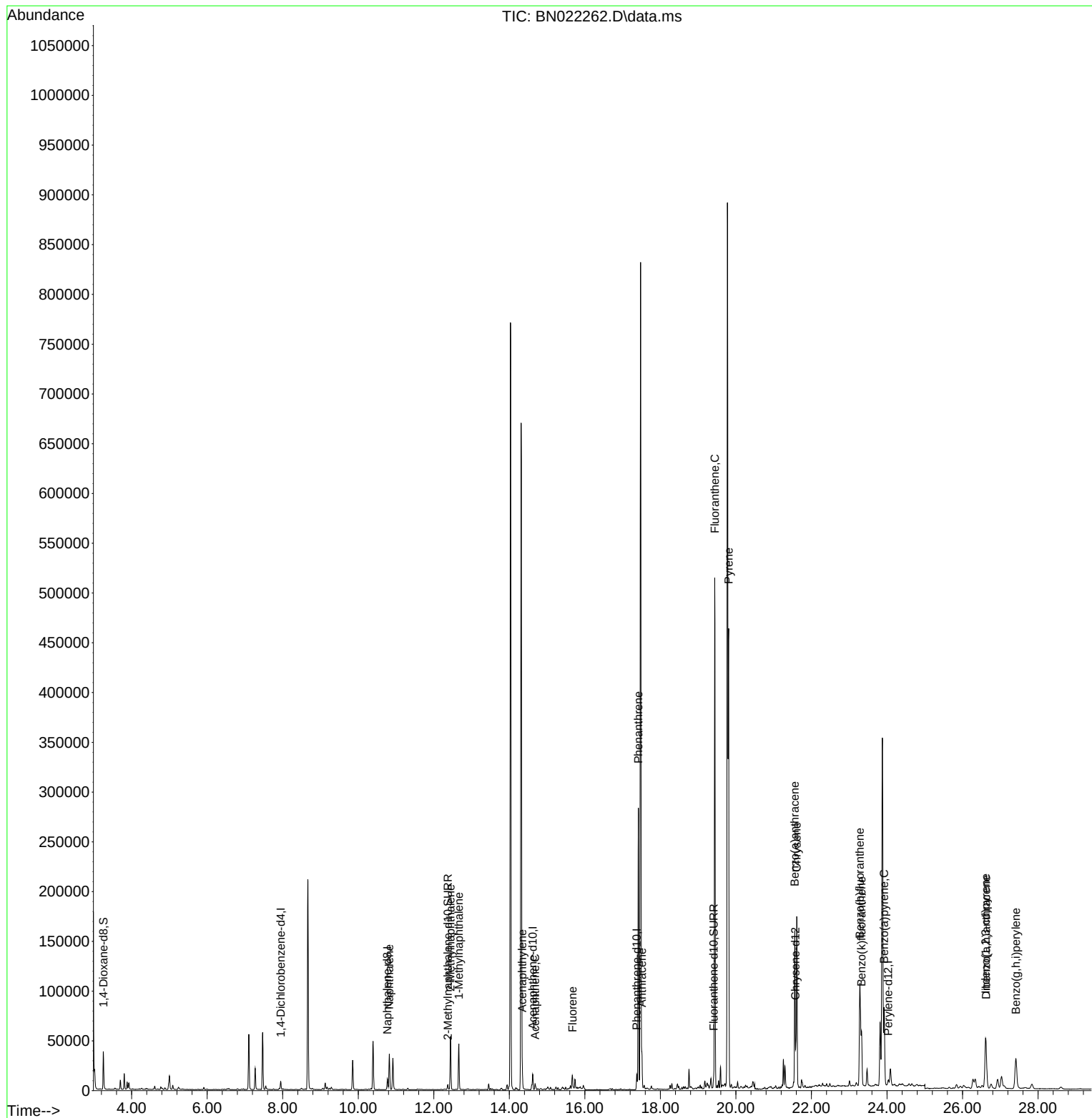
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022262.D
Acq On : 21 Oct 2022 20:02
Operator : CG/JU
Sample : N5064-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

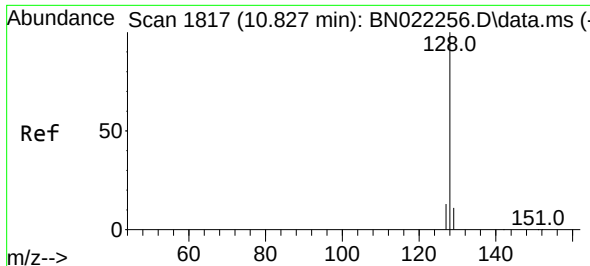
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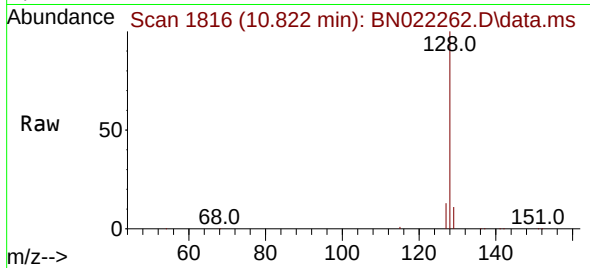
Quant Time: Oct 21 22:41:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.137 ng/ul
RT: 10.822 min Scan# 1817
Delta R.T. -0.010 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02

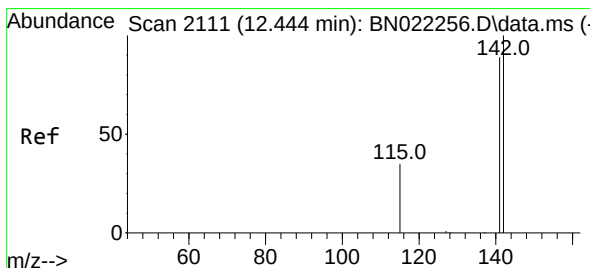
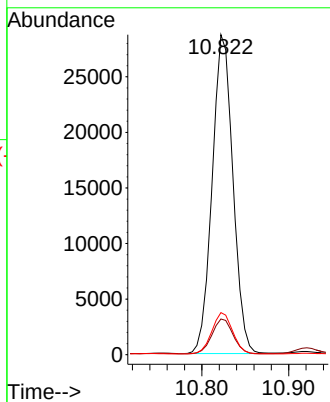
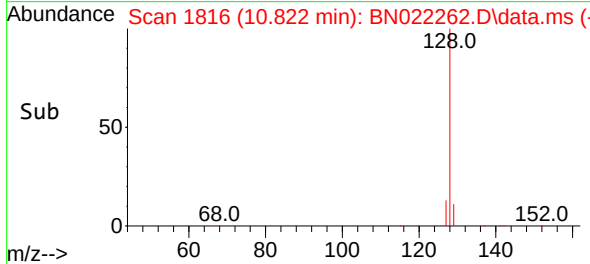
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:128 Resp: 47670
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.2 10.7 16.1

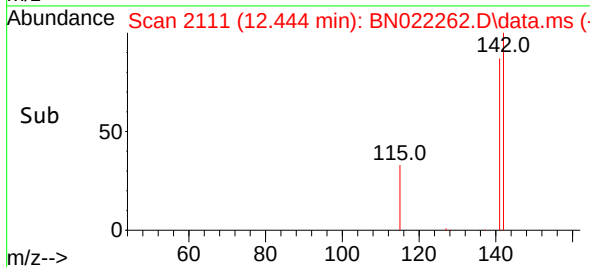
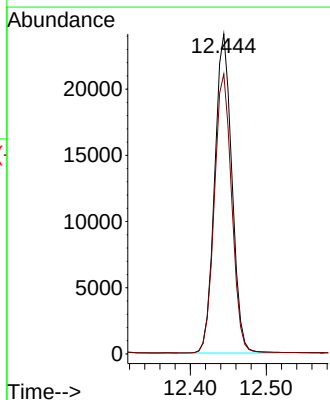
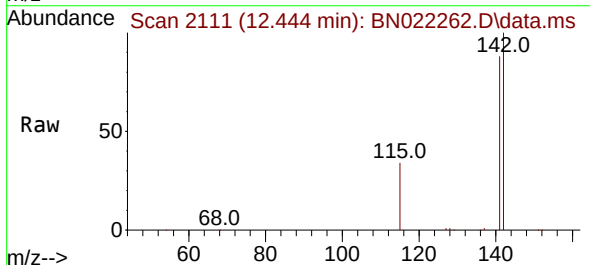
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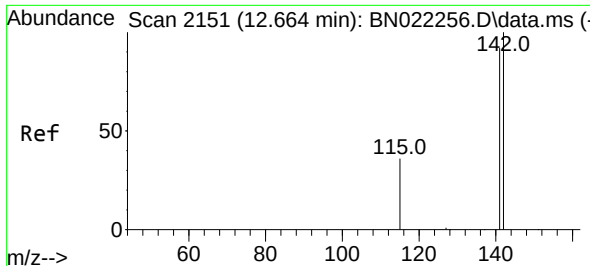
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#7
2-Methylnaphthalene
Concen: 1.433 ng/ul
RT: 12.444 min Scan# 2111
Delta R.T. -0.004 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02

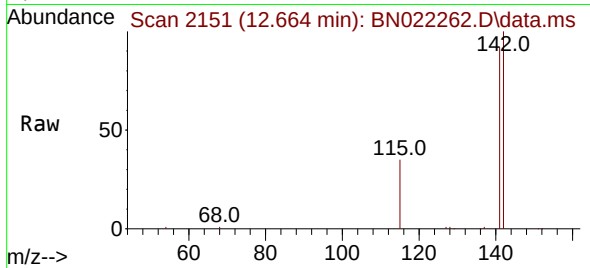
Tgt Ion:142 Resp: 37862
Ion Ratio Lower Upper
142 100
141 88.2 71.1 106.7





#8
1-Methylnaphthalene
Concen: 1.147 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02

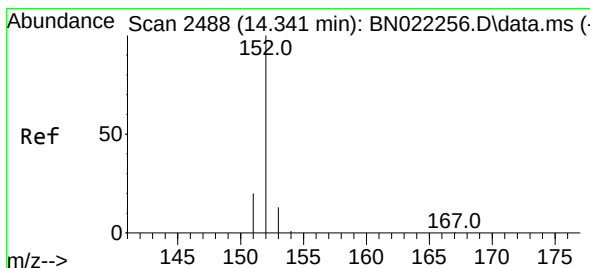
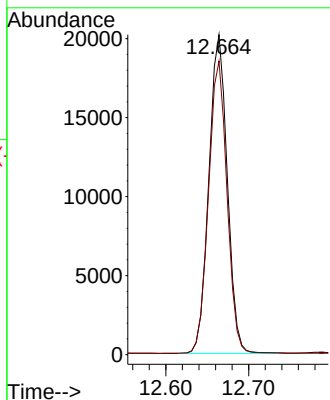
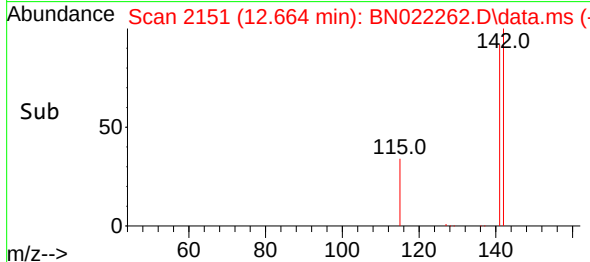
Instrument :
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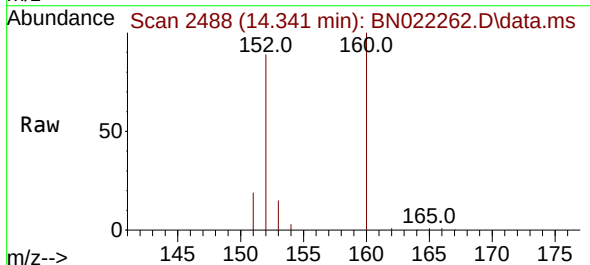
Tgt Ion:142 Resp: 31170
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9

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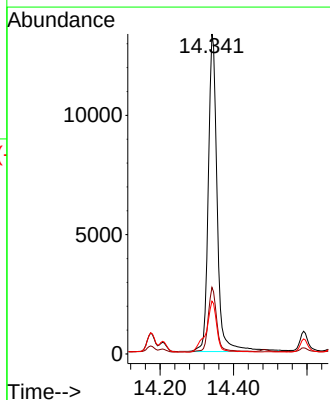
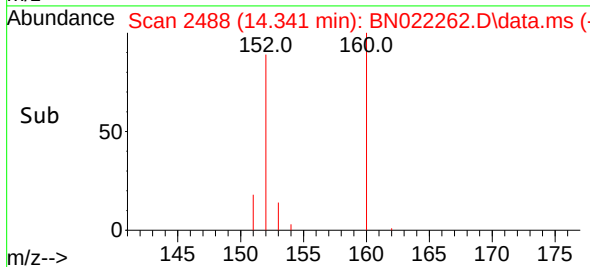
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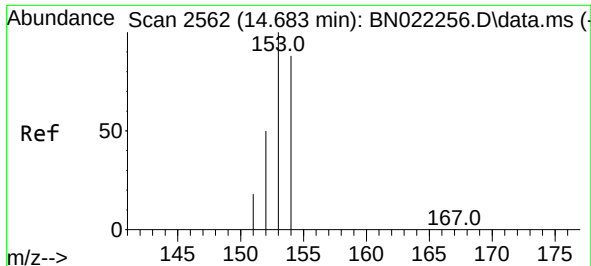


#10
Acenaphthylene
Concen: 0.593 ng/ul
RT: 14.341 min Scan# 2488
Delta R.T. -0.008 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02



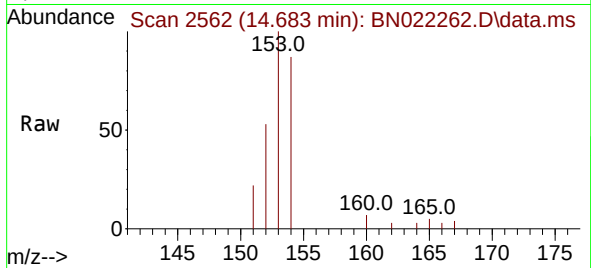
Tgt Ion:152 Resp: 22289
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 16.5 10.8 16.2#





#11
Acenaphthene
Concen: 0.119 ng/u1
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02

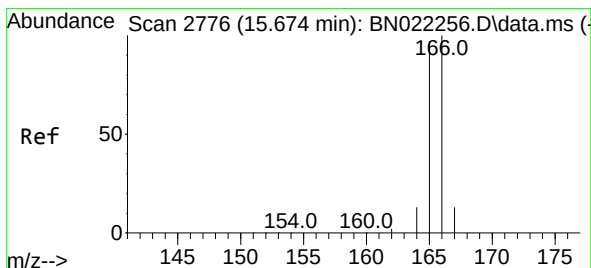
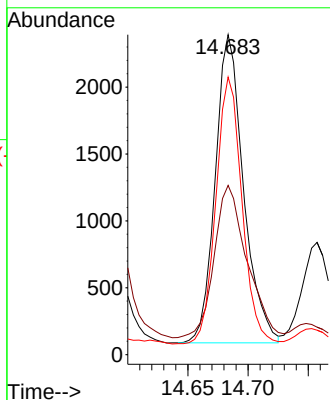
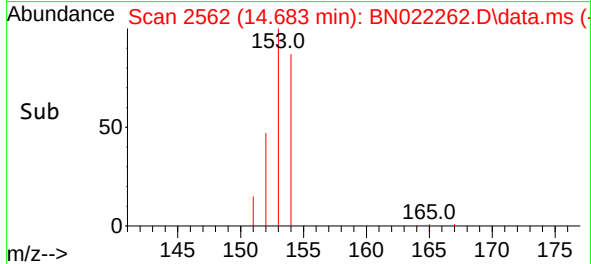
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 376
Ion Ratio Lower Upper
153 100
152 52.9 40.6 61.0
154 86.7 70.6 106.0

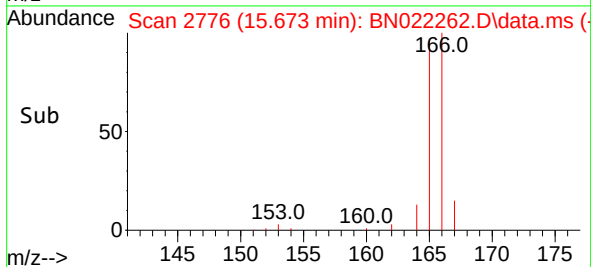
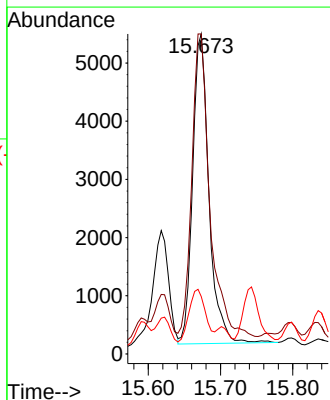
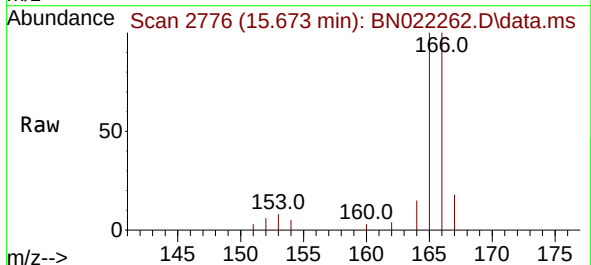
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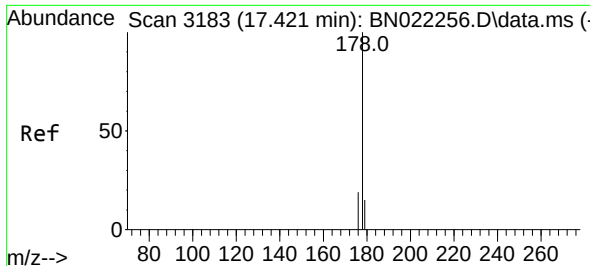
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#12
Fluorene
Concen: 0.227 ng/u1
RT: 15.673 min Scan# 2776
Delta R.T. -0.003 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02

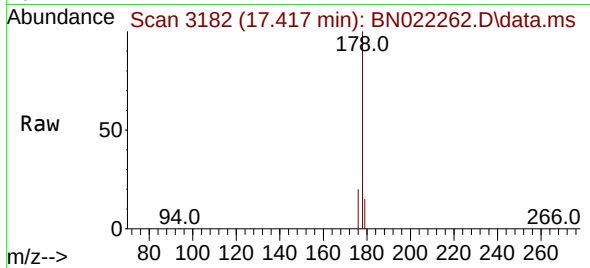
Tgt Ion:166 Resp: 8353
Ion Ratio Lower Upper
166 100
165 100.0 78.2 117.2
167 17.9 11.0 16.4#





#15
Phenanthrene
Concen: 5.359 ng/u1
RT: 17.417 min Scan# 3182
Delta R.T. -0.007 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02

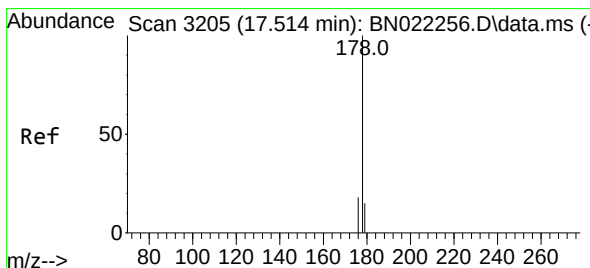
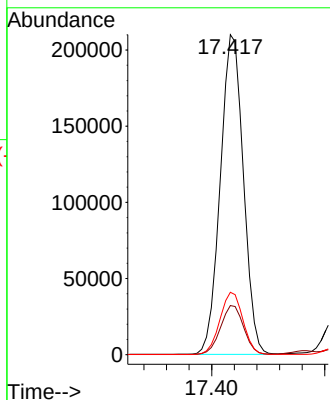
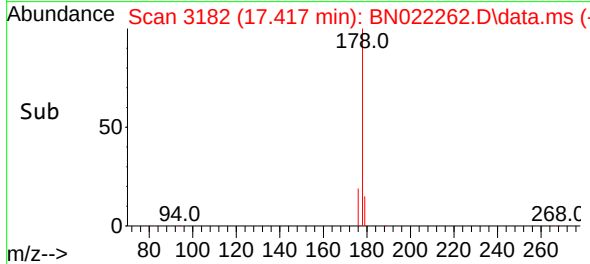
Instrument :
BNA_N
ClientSampleId :
C0BH6



Tgt Ion:178 Resp: 297624
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.5 15.4 23.2

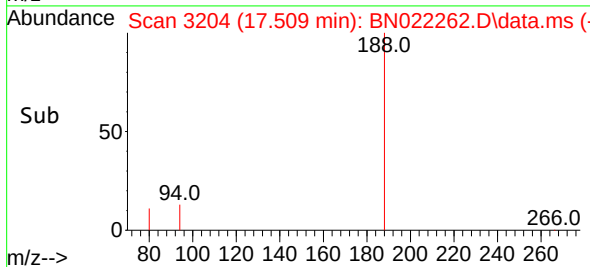
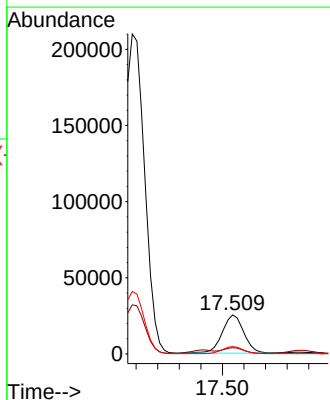
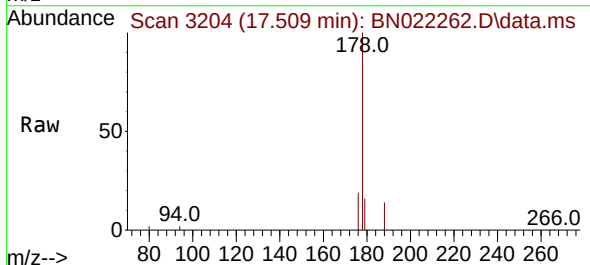
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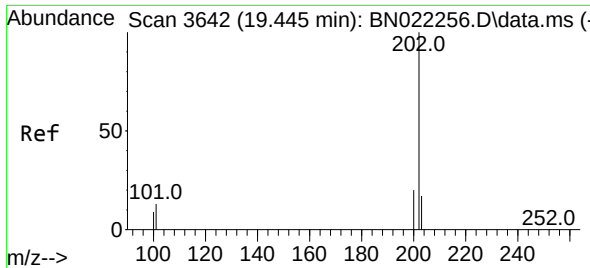
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#16
Anthracene
Concen: 0.747 ng/u1
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02

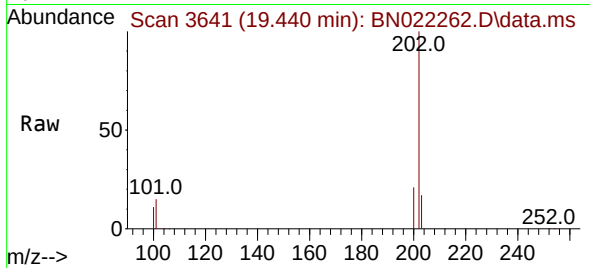
Tgt Ion:178 Resp: 34964
Ion Ratio Lower Upper
178 100
179 15.9 12.6 18.8
176 18.9 15.0 22.6





#19
Fluoranthene
Concen: 9.731 ng/u1
RT: 19.440 min Scan# 3641
Delta R.T. -0.003 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02

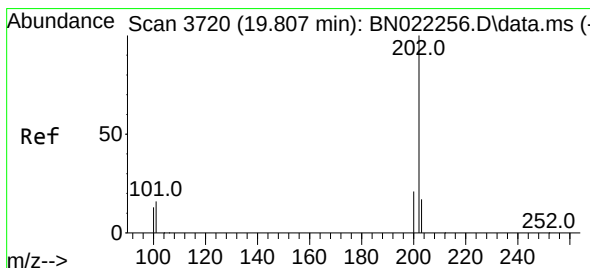
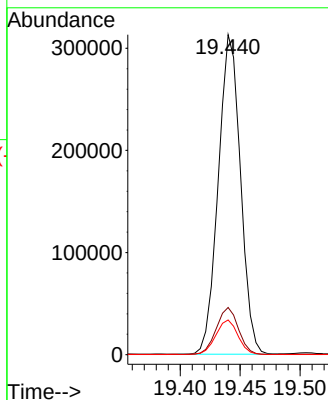
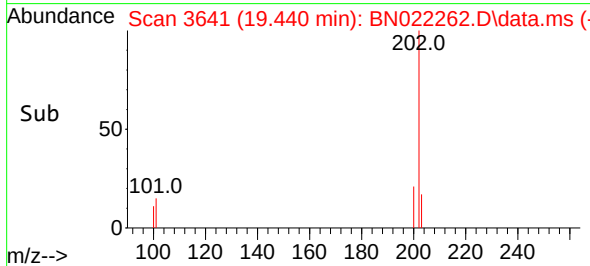
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:202 Resp: 403925
Ion Ratio Lower Upper
202 100
101 14.8 11.8 17.6
100 10.9 8.7 13.1

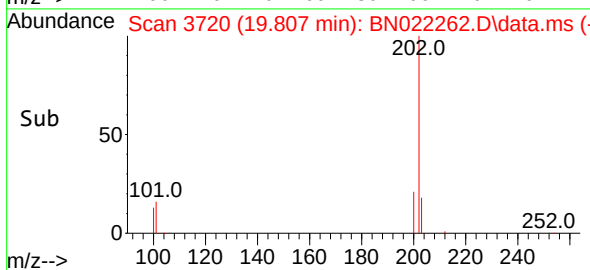
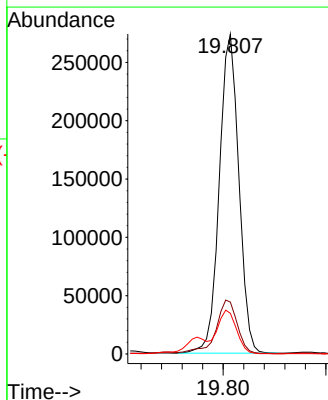
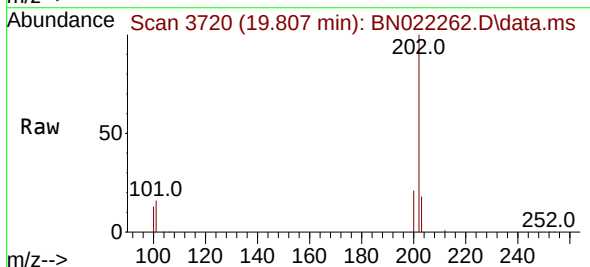
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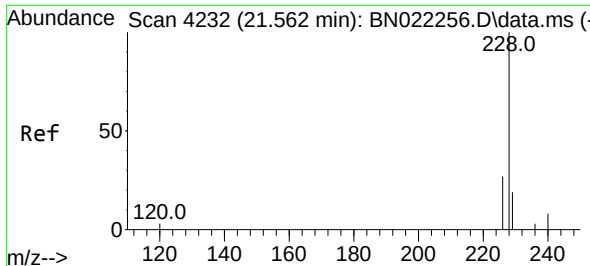
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#20
Pyrene
Concen: 8.659 ng/u1
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02

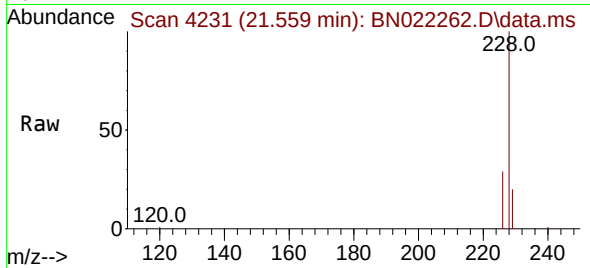
Tgt Ion:202 Resp: 361064
Ion Ratio Lower Upper
202 100
101 16.2 13.1 19.7
100 12.7 10.6 16.0





#21
Benzo(a)anthracene
Concen: 3.879 ng/ul
RT: 21.559 min Scan# 4231
Delta R.T. -0.009 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02

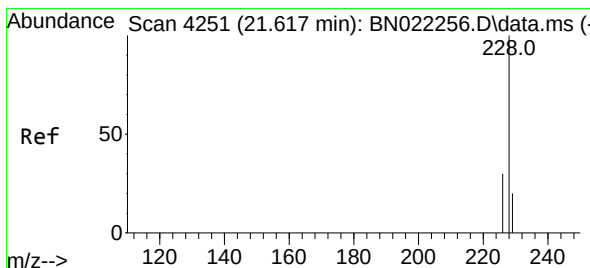
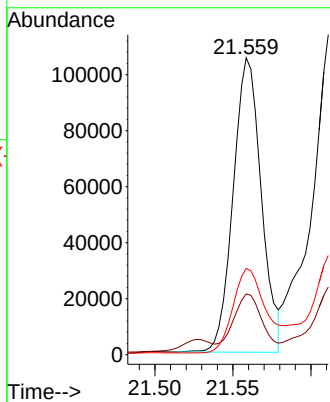
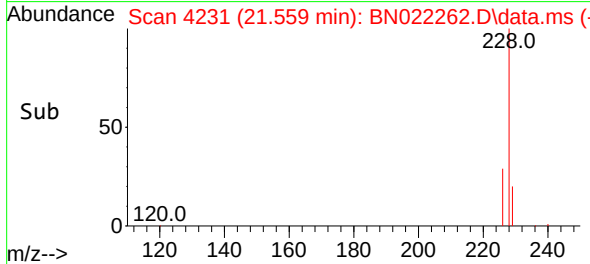
Instrument :
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Tgt Ion:228 Resp: 13170
Ion Ratio Lower Upper
228 100
229 20.5 15.7 23.5
226 29.1 21.5 32.3

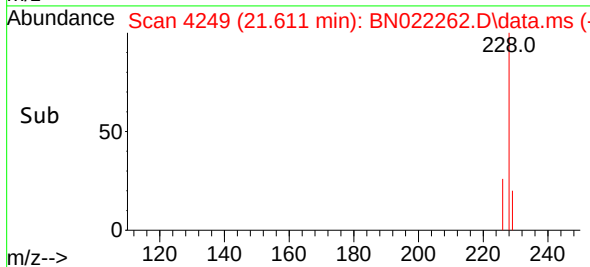
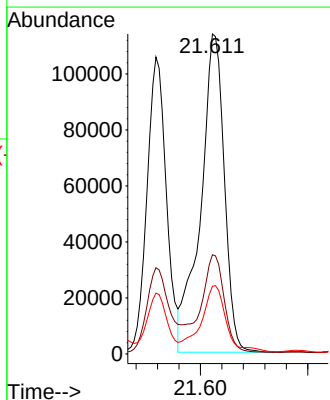
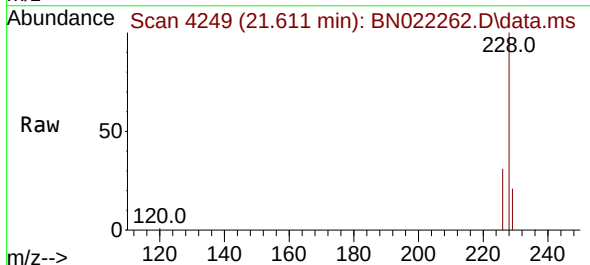
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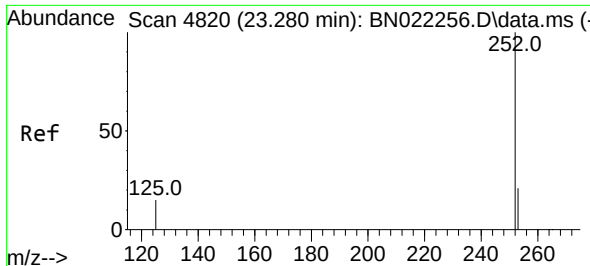
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#22
Chrysene
Concen: 4.858 ng/ul
RT: 21.611 min Scan# 4249
Delta R.T. -0.009 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02

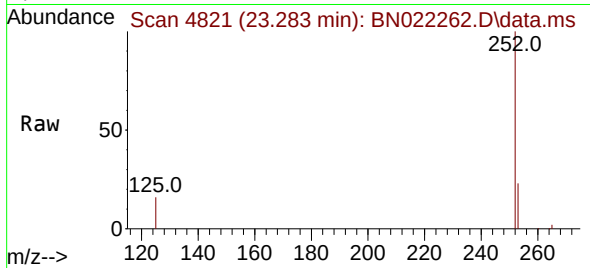
Tgt Ion:228 Resp: 174825
Ion Ratio Lower Upper
228 100
226 31.0 23.9 35.9
229 21.2 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 5.054 ng/ul m
RT: 23.283 min Scan# 4821
Delta R.T. -0.006 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02

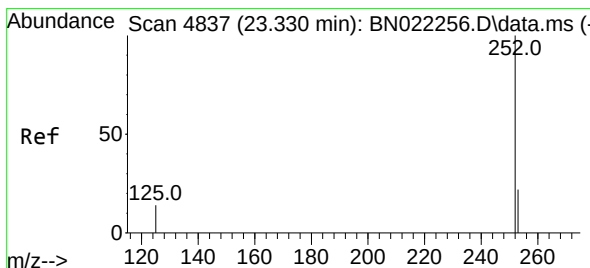
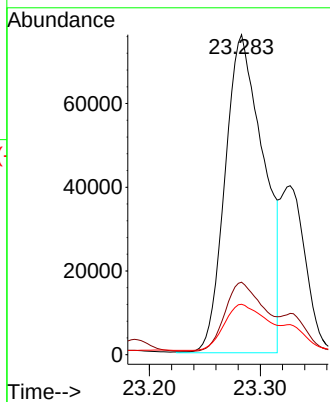
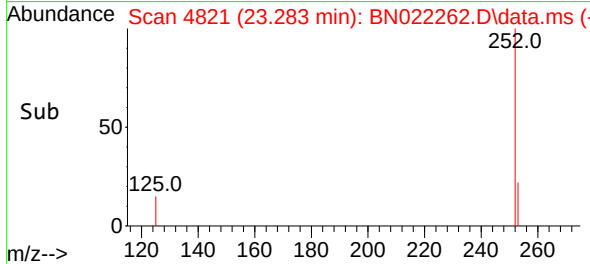
Instrument :
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Tgt Ion:252 Resp: 18388
Ion Ratio Lower Upper
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253 22.6 0.0 49.0
125 15.8 0.0 35.2

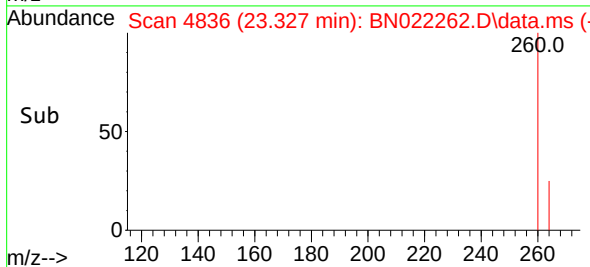
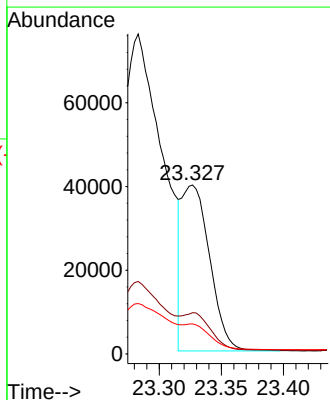
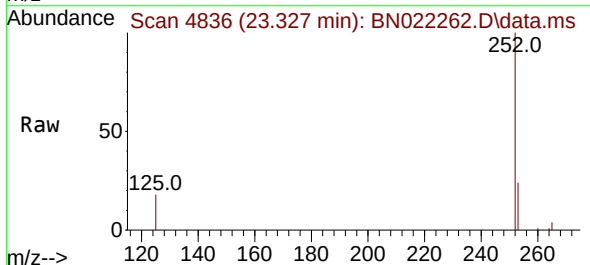
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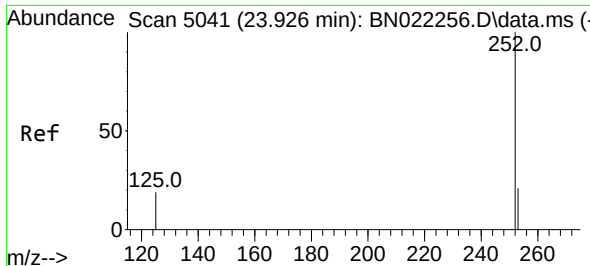
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022



#25
Benzo(k)fluoranthene
Concen: 1.752 ng/ul m
RT: 23.327 min Scan# 4836
Delta R.T. -0.012 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02

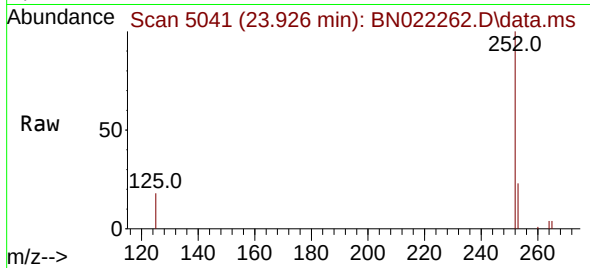
Tgt Ion:252 Resp: 61993
Ion Ratio Lower Upper
252 100
253 24.5 19.7 29.5
125 17.8 14.0 21.0





#26
Benzo(a)pyrene
Concen: 3.706 ng/ul
RT: 23.926 min Scan# 5041
Delta R.T. -0.009 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02

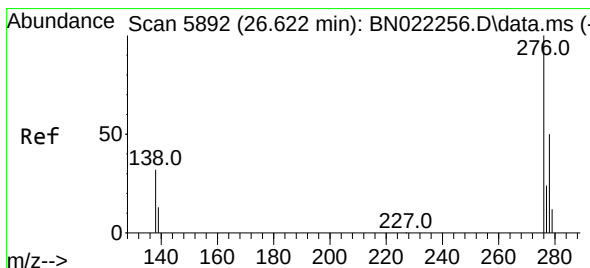
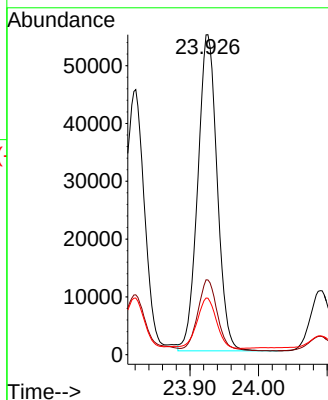
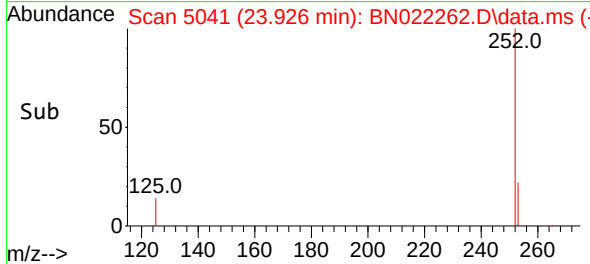
Instrument :
BNA_N
ClientSampleId :
C0BH6



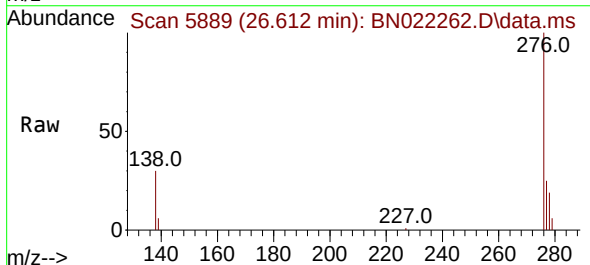
Tgt Ion:252 Resp: 107483
Ion Ratio Lower Upper
252 100
253 23.4 21.0 31.6
125 17.6 17.9 26.9

Manual Integrations
APPROVED

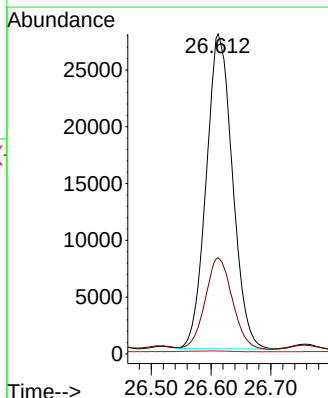
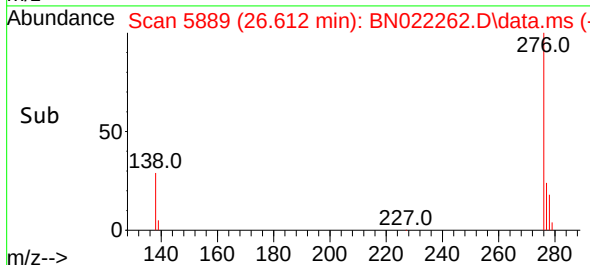
Reviewed By :Jagrut Upadhyay 10/24/2022
Supervised By :mohammad ahmed 10/24/2022

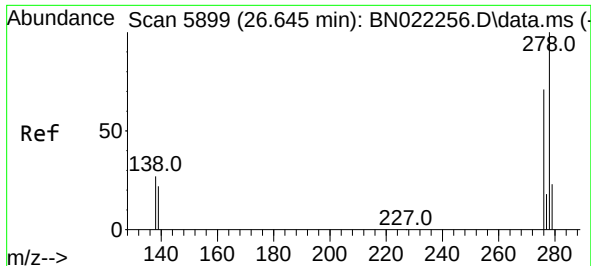


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.347 ng/ul
RT: 26.612 min Scan# 5889
Delta R.T. -0.024 min
Lab File: BN022262.D
Acq: 21 Oct 2022 20:02



Tgt Ion:276 Resp: 84608
Ion Ratio Lower Upper
276 100
138 30.1 27.7 41.5
227 0.4 0.2 0.2





#28

Dibenzo(a,h)anthracene

Concen: 0.770 ng/ul

RT: 26.625 min Scan# 5899

Delta R.T. -0.031 min

Lab File: BN022262.D

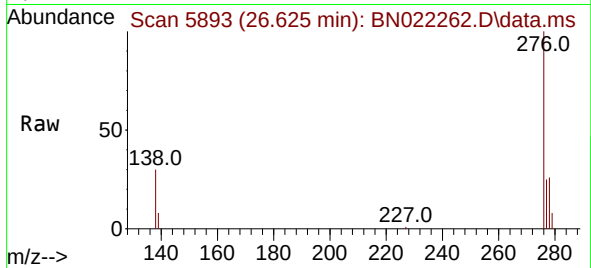
Acq: 21 Oct 2022 20:02

Instrument :

BNA_N

ClientSampleId :

C0BH6



Tgt Ion:278 Resp: 22192

Ion Ratio Lower Upper

278 100

139 29.9 19.6 29.4

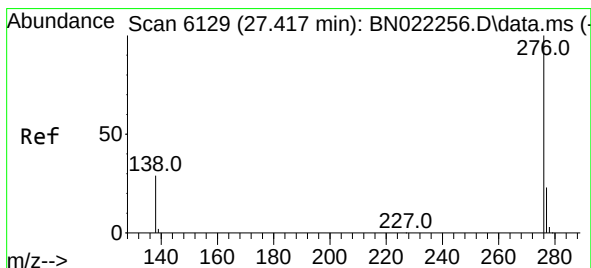
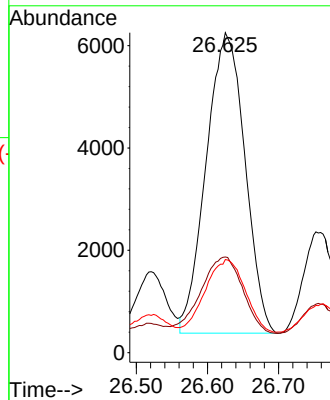
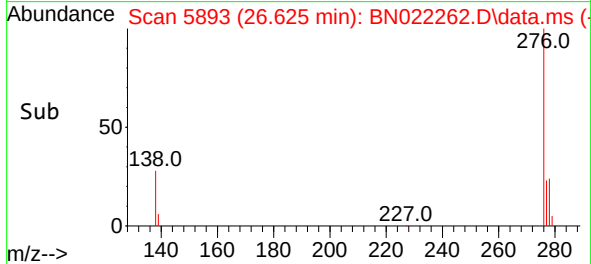
279 29.1 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/24/2022

Supervised By :mohammad ahmed 10/24/2022



#29

Benzo(g,h,i)perylene

Concen: 2.310 ng/ul

RT: 27.416 min Scan# 6129

Delta R.T. -0.014 min

Lab File: BN022262.D

Acq: 21 Oct 2022 20:02

Tgt Ion:276 Resp: 67856

Ion Ratio Lower Upper

276 100

138 30.5 25.2 37.8

277 24.1 19.9 29.9

